

PMS-RL-42-65-UV365/395

Ultraviolet Illumination

PMS-RL-42-65-UV365/395 ultraviolet illumination. Diameter: $\varnothing 42\text{mm}$. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 42\text{mm}$
Angle	65°
Luminous area	—
Spectrum	Ultraviolet
Voltage	24V
Power	1.7W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-RL-52-60-UV365/395

Ultraviolet Illumination

PMS-RL-52-60-UV365/395 ultraviolet illumination. Diameter: $\varnothing 52\text{mm}$. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 52\text{mm}$
Angle	60°
Luminous area	—
Spectrum	Ultraviolet
Voltage	24V
Power	2W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-RL-73-90-UV365/395

Ultraviolet Illumination

PMS-RL-73-90-UV365/395 ultraviolet illumination. Diameter: $\varnothing 73\text{mm}$. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 73\text{mm}$
Angle	90°
Luminous area	—
Spectrum	Ultraviolet
Voltage	24V
Power	3.6W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-RL-74-60-UV365/395

Ultraviolet Illumination

PMS-RL-74-60-UV365/395 ultraviolet illumination. Diameter: $\varnothing 74\text{mm}$. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 74\text{mm}$
Angle	60°
Luminous area	—
Spectrum	Ultraviolet
Voltage	24V
Power	3.6W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-RL-74-30-UV365/395

Ultraviolet Illumination

PMS-RL-74-30-UV365/395 ultraviolet illumination. Diameter: $\varnothing 74\text{mm}$. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 74\text{mm}$
Angle	30°
Luminous area	—
Spectrum	Ultraviolet
Voltage	24V
Power	2.6W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-RL-90-70-UV365/395

Ultraviolet Illumination

PMS-RL-90-70-UV365/395 ultraviolet illumination. Diameter: $\varnothing 90\text{mm}$. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 90\text{mm}$
Angle	70°
Luminous area	—
Spectrum	Ultraviolet
Voltage	24V
Power	6.2W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-RL-90-30-UV365/395

Ultraviolet Illumination

PMS-RL-90-30-UV365/395 ultraviolet illumination. Diameter: $\varnothing 90\text{mm}$. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 90\text{mm}$
Angle	30°
Luminous area	—
Spectrum	Ultraviolet
Voltage	24V
Power	5.3W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-GBRL-54X18-UV365/39

Ultraviolet Illumination

PMS-GBRL-54X18-UV365/39 ultraviolet illumination. Luminous area: 54mm×18mm. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Bar
Outer diameter	—
Angle	—
Luminous area	54mm×18mm
Spectrum	Ultraviolet
Voltage	24V
Power	1.2W
Wavelength options	365/395nm

Specification notes

The supplier prints this model code ending in UV365/39; the wavelength column lists 365/395 nm. Confirm the complete ordering code.

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-GBRL-86X29-UV365/39

Ultraviolet Illumination

PMS-GBRL-86X29-UV365/39 ultraviolet illumination. Luminous area: 86mm×29mm. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Bar
Outer diameter	—
Angle	—
Luminous area	86mm×29mm
Spectrum	Ultraviolet
Voltage	24V
Power	3.6W
Wavelength options	365/395nm

Specification notes

The supplier prints this model code ending in UV365/39; the wavelength column lists 365/395 nm. Confirm the complete ordering code.

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-GBRL-90X19-UV365/39

Ultraviolet Illumination

PMS-GBRL-90X19-UV365/39 ultraviolet illumination. Luminous area: 90mm×19mm. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Bar
Outer diameter	—
Angle	—
Luminous area	90mm×19mm
Spectrum	Ultraviolet
Voltage	24V
Power	2.4W
Wavelength options	365/395nm

Specification notes

The supplier prints this model code ending in UV365/39; the wavelength column lists 365/395 nm. Confirm the complete ordering code.

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-BKL-48X28-UV365/395

Ultraviolet Illumination

PMS-BKL-48X28-UV365/395 ultraviolet illumination. Luminous area: 48mm×28mm. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Flat
Outer diameter	—
Angle	—
Luminous area	48mm×28mm
Spectrum	Ultraviolet
Voltage	24V
Power	2.4W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-BKL-50X50-UV365/395

Ultraviolet Illumination

PMS-BKL-50X50-UV365/395 ultraviolet illumination. Luminous area: 50mm×50mm. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Flat
Outer diameter	—
Angle	—
Luminous area	50mm×50mm
Spectrum	Ultraviolet
Voltage	24V
Power	3.6W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-GCOL-40-UV365/395

Ultraviolet Illumination

PMS-GCOL-40-UV365/395 ultraviolet illumination. Luminous area: 40mm×40mm. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Coaxial
Outer diameter	—
Angle	—
Luminous area	40mm×40mm
Spectrum	Ultraviolet
Voltage	24V
Power	3W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-GCOL-60-UV365/395

Ultraviolet Illumination

PMS-GCOL-60-UV365/395 ultraviolet illumination. Luminous area: 60mm×60mm. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Coaxial
Outer diameter	—
Angle	—
Luminous area	60mm×60mm
Spectrum	Ultraviolet
Voltage	24V
Power	5.8W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-GPI-0803-UV365/395

Ultraviolet Illumination

PMS-GPI-0803-UV365/395 ultraviolet illumination. Diameter: $\varnothing$ 8mm. UV LEDs for fluorescence, adhesive inspection and anti-counterfeit markings.



Model specifications	
Light form	Point
Outer diameter	$\varnothing$ 8mm
Angle	—
Luminous area	—
Spectrum	Ultraviolet
Voltage	5V
Power	3W
Wavelength options	365/395nm

Specification notes

The UV catalog labels its color column “Infrared” despite publishing UV model codes and 365/395 nm wavelengths. The wavelength is retained; confirm the required UV option when ordering.

PMS-SRL-80R/W/B

Shadowless Ring Illumination



PMS-SRL-80R/W/B shadowless ring illumination. Diameter: $\varnothing$ 80mm. Diffused ring lighting for reflective, uneven surfaces and printed packaging.

Model specifications	
Outer diameter	$\varnothing$ 80mm
Option	1 diffusion board
Available colors	Red / White / Blue

Published color configurations

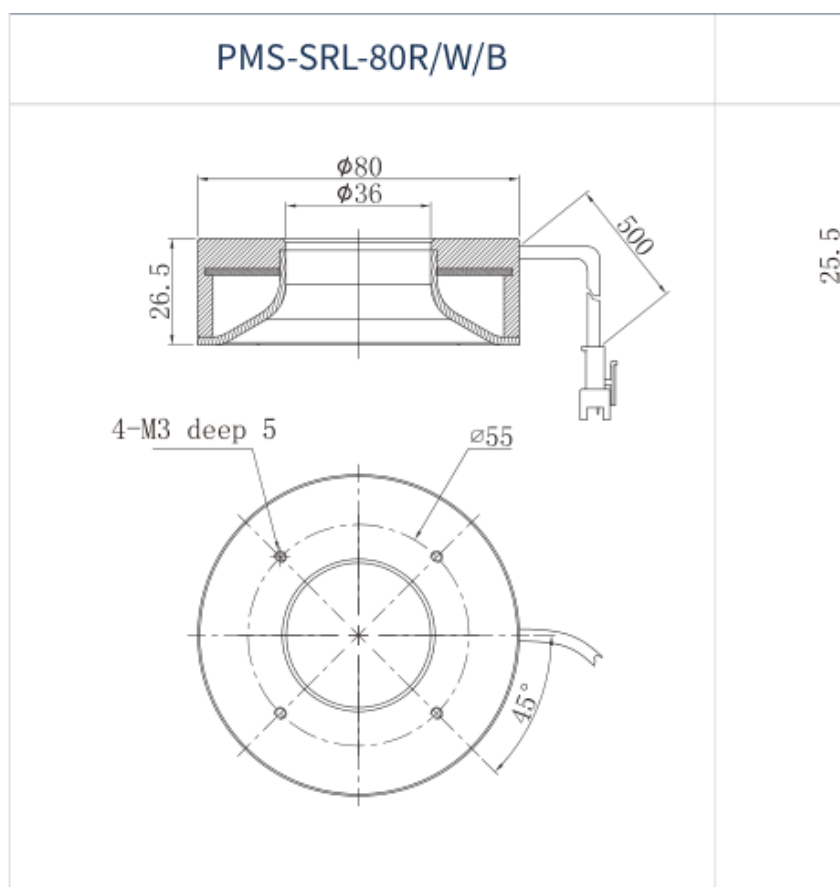
Color	Voltage	Power	Wavelength / CT
Red	24V	8W	625nm
White	24V	13W	6500K
Blue	24V	13W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-SRL-80R/W/B dimension drawing (mm)



PMS-SRL-116R/W/B

Shadowless Ring Illumination



PMS-SRL-116R/W/B shadowless ring illumination. Diameter: $\varnothing$ 116mm. Diffused ring lighting for reflective, uneven surfaces and printed packaging.

Model specifications	
Outer diameter	$\varnothing$ 116mm
Option	1 diffusion board
Available colors	Red / White / Blue

Published color configurations

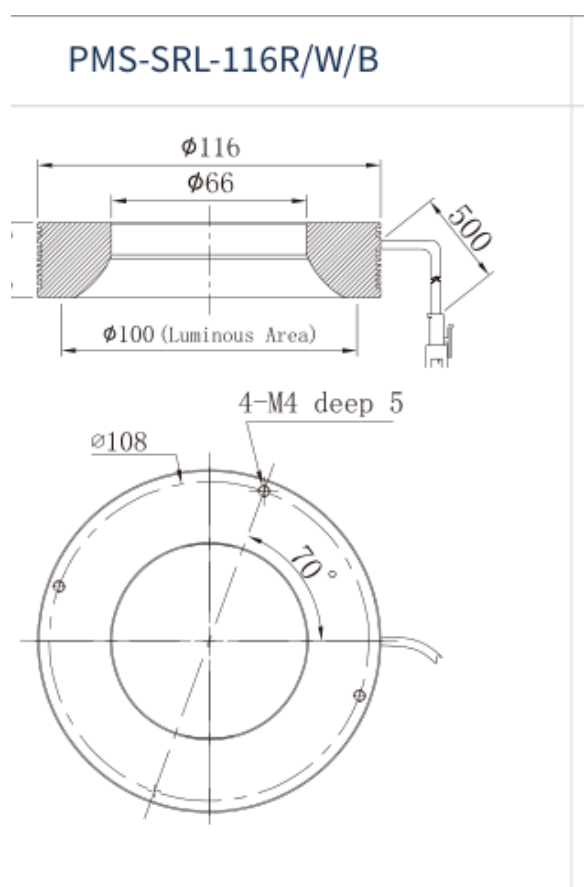
Color	Voltage	Power	Wavelength / CT
Red	24V	11W	625nm
White	24V	16W	6500K
Blue	24V	16W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-SRL-116R/W/B dimension drawing (mm)



PMS-SRL-132R/W/B

Shadowless Ring Illumination



PMS-SRL-132R/W/B shadowless ring illumination. Diameter: $\varnothing$ 132mm. Diffused ring lighting for reflective, uneven surfaces and printed packaging.

Model specifications	
Outer diameter	$\varnothing$ 132mm
Option	1 diffusion board
Available colors	Red / White / Blue

Published color configurations

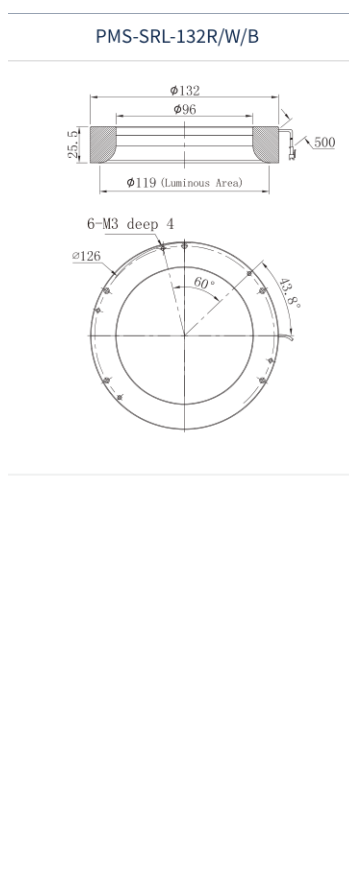
Color	Voltage	Power	Wavelength / CT
Red	24V	14.4W	625nm
White	24V	20.2W	6500K
Blue	24V	20.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-SRL-132R/W/B dimension drawing (mm)



PMS-SRL-166R/W/B

Shadowless Ring Illumination



PMS-SRL-166R/W/B shadowless ring illumination. Diameter: $\varnothing$ 166mm. Diffused ring lighting for reflective, uneven surfaces and printed packaging.

Model specifications	
Outer diameter	$\varnothing$ 166mm
Option	1 diffusion board
Available colors	Red / White / Blue

Published color configurations

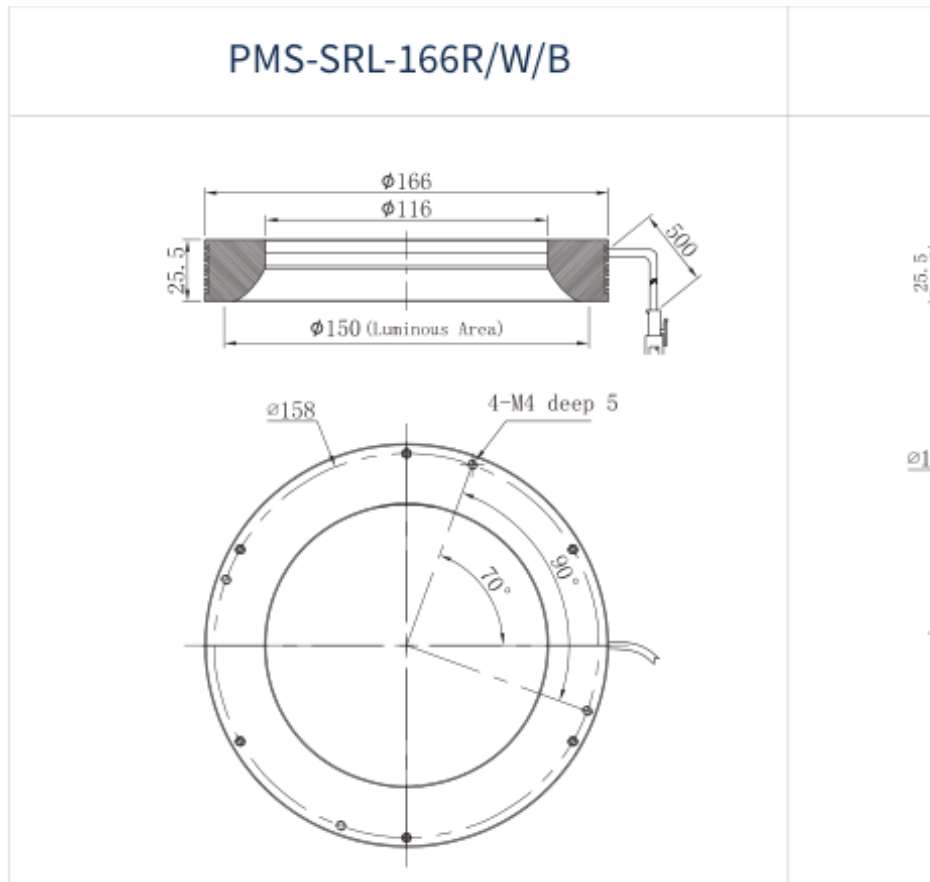
Color	Voltage	Power	Wavelength / CT
Red	24V	16W	625nm
White	24V	26W	6500K
Blue	24V	26W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-SRL-166R/W/B dimension drawing (mm)



PMS-SRL-196R/W/B

Shadowless Ring Illumination



PMS-SRL-196R/W/B shadowless ring illumination. Diameter: $\varnothing$ 196mm. Diffused ring lighting for reflective, uneven surfaces and printed packaging.

Model specifications	
Outer diameter	$\varnothing$ 196mm
Option	1 diffusion board
Available colors	Red / White / Blue

Published color configurations

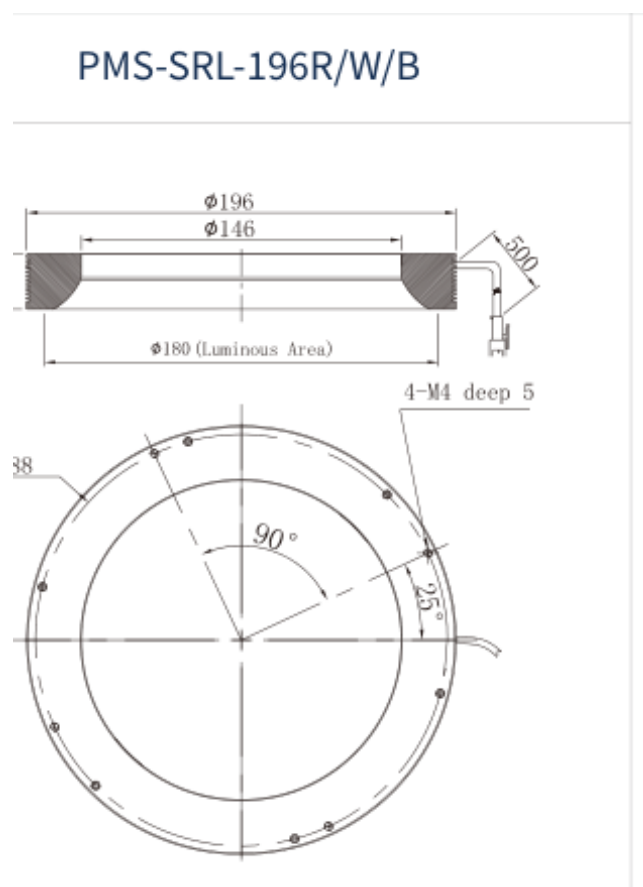
Color	Voltage	Power	Wavelength / CT
Red	24V	26W	625nm
White	24V	31W	6500K
Blue	24V	31W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-SRL-196R/W/B dimension drawing (mm)



PMS-RL25-75R/W/B

Ring Illumination

PMS-RL25-75R/W/B ring illumination. Diameter: $\varnothing 25\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 25\text{mm}$
Angle	75°
LED rings	1
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

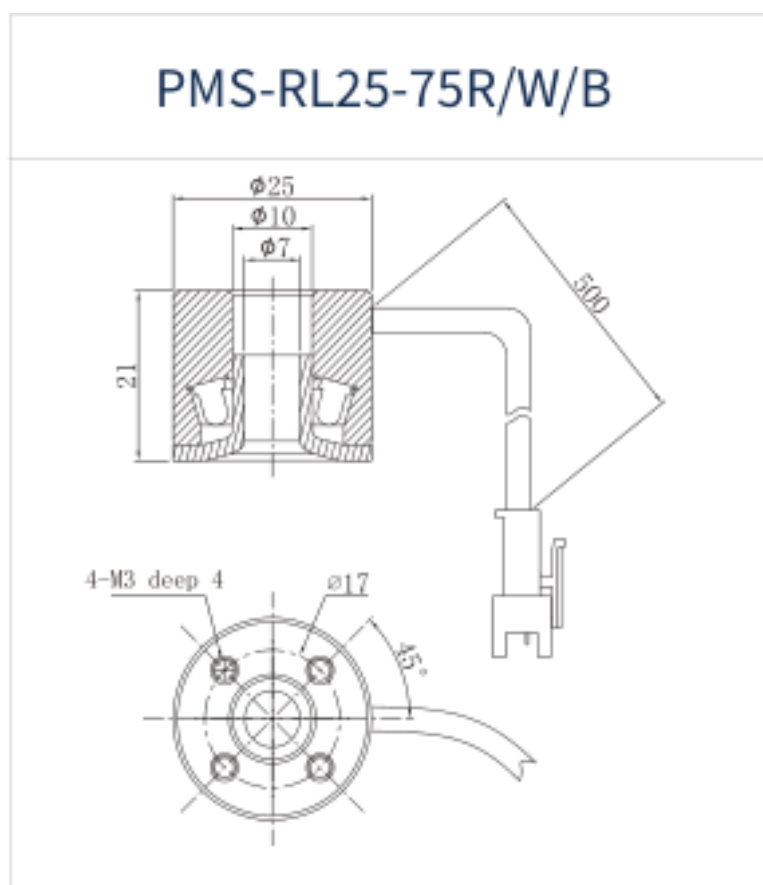
Color	Voltage	Power	Wavelength / CT
Red	24V	0.4W	625nm
White	24V	0.8W	6500K
Blue	24V	0.8W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL25-75R/W/B dimension drawing (mm)



PMS-RL34-75R/W/B

Ring Illumination

PMS-RL34-75R/W/B ring illumination. Diameter: $\varnothing 34\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 34\text{mm}$
Angle	75°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	0.8W	625nm
White	24V	1.2W	6500K
Blue	24V	1.2W	470nm

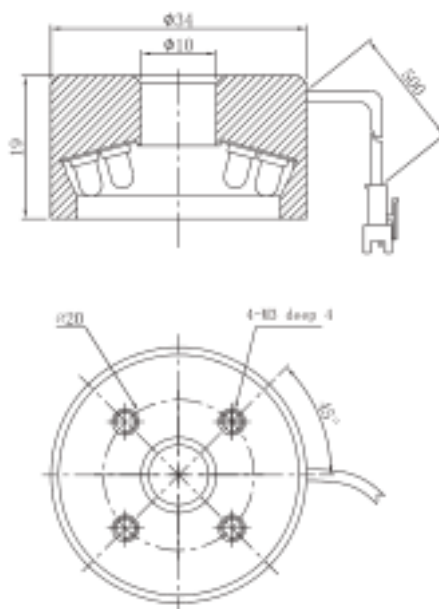
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL34-75R/W/B dimension drawing (mm)

PMS-RL34-75R/W/B



PMS-RL40-90R/W/B

Ring Illumination

PMS-RL40-90R/W/B ring illumination. Diameter: $\varnothing 40\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 40\text{mm}$
Angle	90°
LED rings	1
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

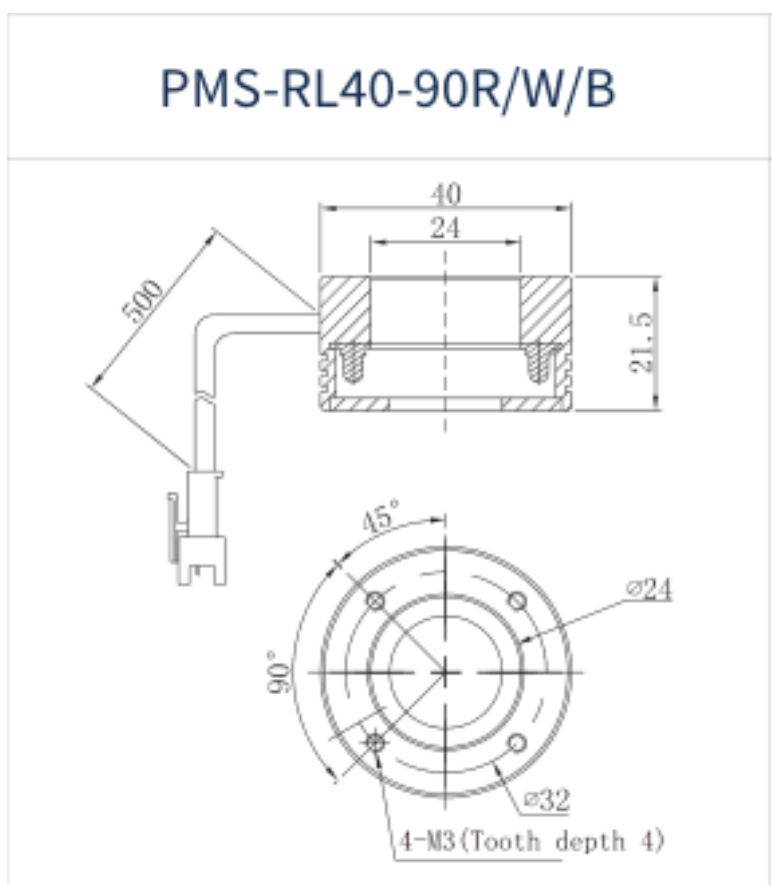
Color	Voltage	Power	Wavelength / CT
Red	24V	0.5W	625nm
White	24V	0.8W	6500K
Blue	24V	0.8W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL40-90R/W/B dimension drawing (mm)



PMS-RL42-65R/W/B

Ring Illumination

PMS-RL42-65R/W/B ring illumination. Diameter: $\phi 42\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\phi 42\text{mm}$
Angle	65°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	1.4W	625nm
White	24V	2.5W	6500K
Blue	24V	2.5W	470nm

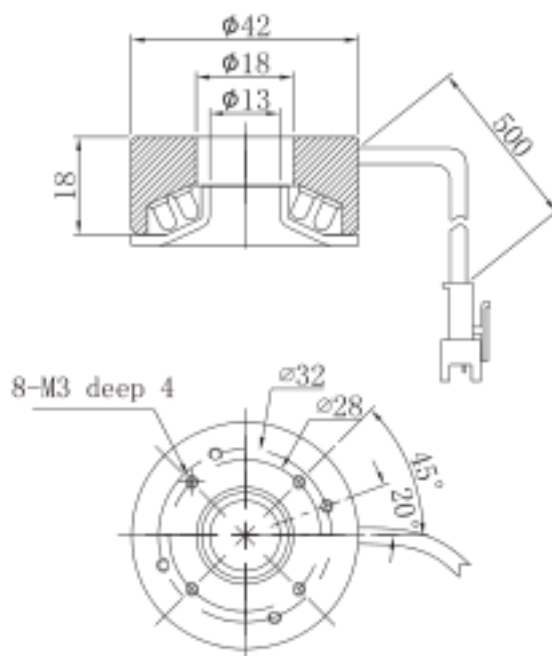
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL42-65R/W/B dimension drawing (mm)

PMS-RL42-65R/W/B



PMS-RL50-15R/W/B

Ring Illumination

PMS-RL50-15R/W/B ring illumination. Diameter: $\varnothing 50\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 50\text{mm}$
Angle	15°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

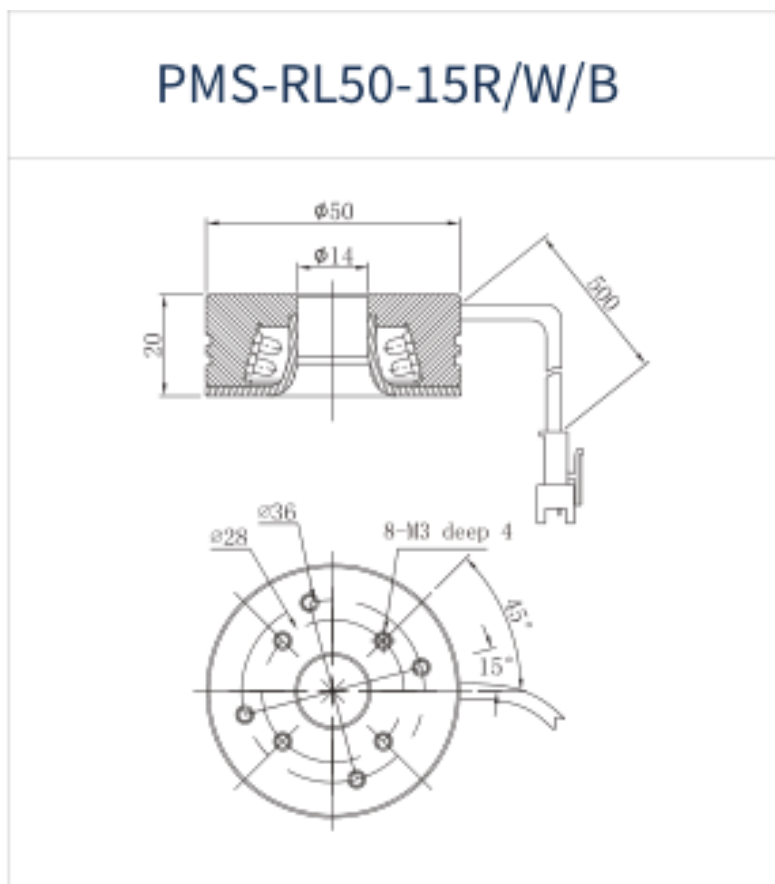
Color	Voltage	Power	Wavelength / CT
Red	24V	1.2W	625nm
White	24V	1.5W	6500K
Blue	24V	1.5W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL50-15R/W/B dimension drawing (mm)



PMS-RL50-30R/W/B

Ring Illumination

PMS-RL50-30R/W/B ring illumination. Diameter: $\varnothing 50\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 50\text{mm}$
Angle	30°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

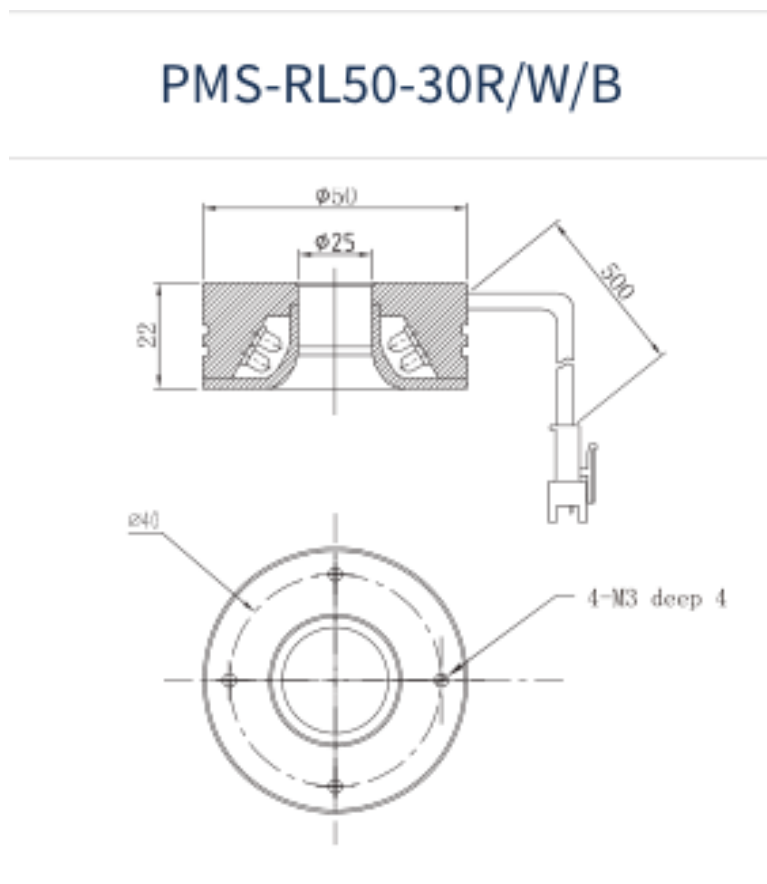
Color	Voltage	Power	Wavelength / CT
Red	24V	1.8W	625nm
White	24V	2.9W	6500K
Blue	24V	2.9W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL50-30R/W/B dimension drawing (mm)



PMS-RL50-45R/W/B

Ring Illumination

PMS-RL50-45R/W/B ring illumination. Diameter: $\phi 50\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\phi 50\text{mm}$
Angle	45°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	2.9W	625nm
White	24V	4.3W	6500K
Blue	24V	4.3W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source repeats this model label above two different drawings. A model drawing is omitted because the label is ambiguous.

PMS-RL52-60R/W/B

Ring Illumination

PMS-RL52-60R/W/B ring illumination. Diameter: $\phi 52\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\phi 52\text{mm}$
Angle	60°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	1.3W	625nm
White	24V	2W	6500K
Blue	24V	2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL53-90R/W/B

Ring Illumination

PMS-RL53-90R/W/B ring illumination. Diameter: $\varnothing 53\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 53\text{mm}$
Angle	90°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

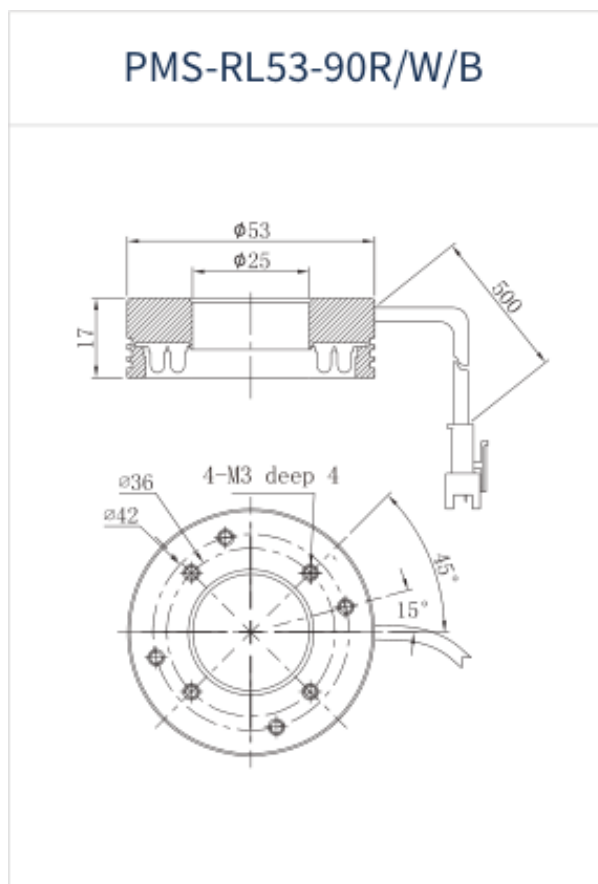
Color	Voltage	Power	Wavelength / CT
Red	24V	1.2W	625nm
White	24V	2W	6500K
Blue	24V	2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL53-90R/W/B dimension drawing (mm)



PMS-RL54-80R/W/B

Ring Illumination

PMS-RL54-80R/W/B ring illumination. Diameter: $\varnothing 54\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 54\text{mm}$
Angle	80°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

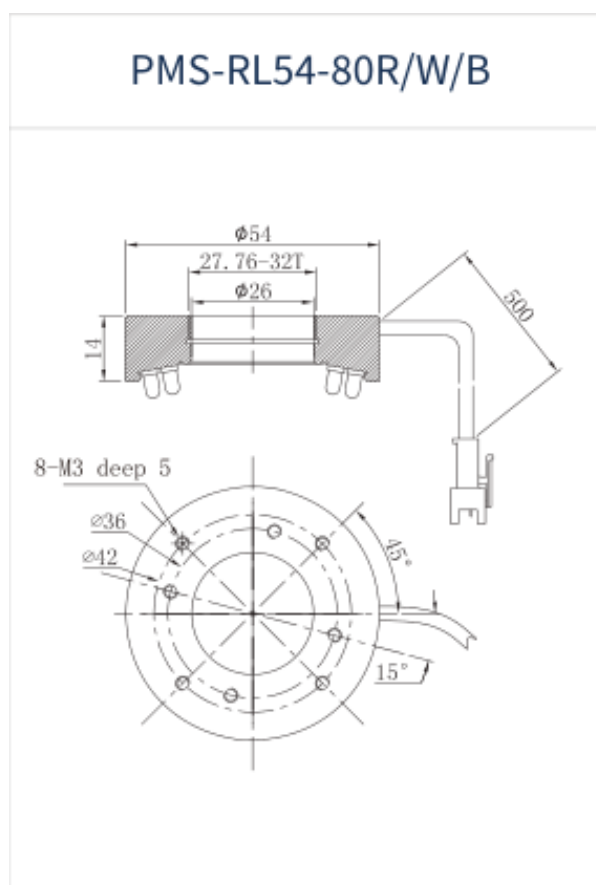
Color	Voltage	Power	Wavelength / CT
Red	24V	1.8W	625nm
White	24V	3.2W	6500K
Blue	24V	3.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL54-80R/W/B dimension drawing (mm)



PMS-RL60-00R/W/B

Ring Illumination

PMS-RL60-00R/W/B ring illumination. Diameter: $\phi 60\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\phi 60\text{mm}$
Angle	0°
LED rings	1
Option	— (not specified)
Available colors	Red / White / Blue

Published color configurations

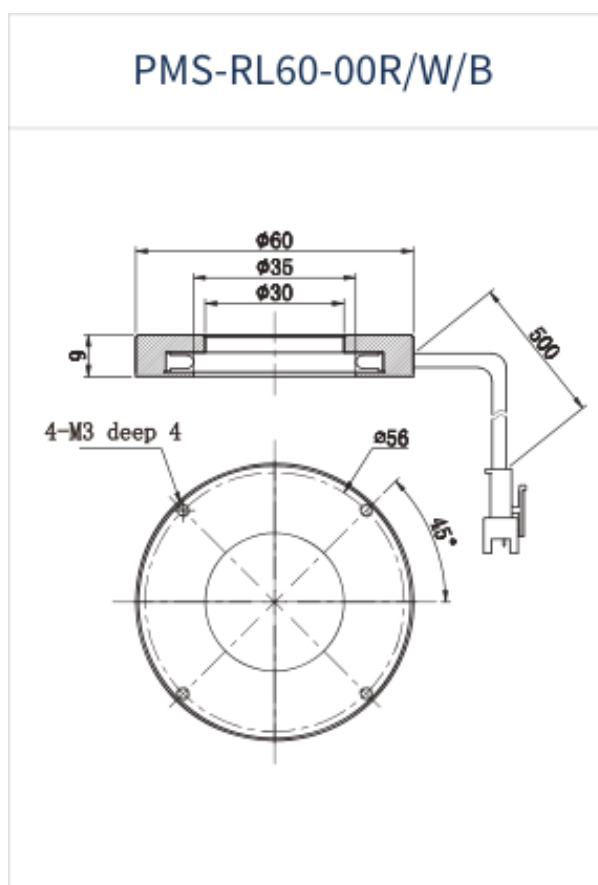
Color	Voltage	Power	Wavelength / CT
Red	24V	1.1W	625nm
White	24V	1.6W	6500K
Blue	24V	1.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL60-00R/W/B dimension drawing (mm)



PMS-RL60-30R/W/B

Ring Illumination

PMS-RL60-30R/W/B ring illumination. Diameter: $\phi 60\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\phi 60\text{mm}$
Angle	30°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

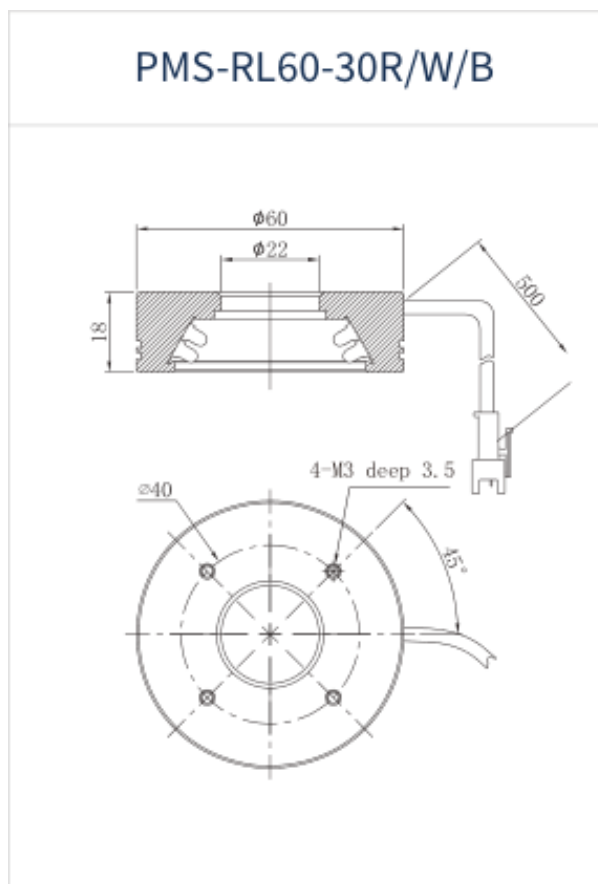
Color	Voltage	Power	Wavelength / CT
Red	24V	1.2W	625nm
White	24V	2.2W	6500K
Blue	24V	2.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL60-30R/W/B dimension drawing (mm)



PMS-RL60-60R/W/B

Ring Illumination

PMS-RL60-60R/W/B ring illumination. Diameter: $\phi 60\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\phi 60\text{mm}$
Angle	60°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

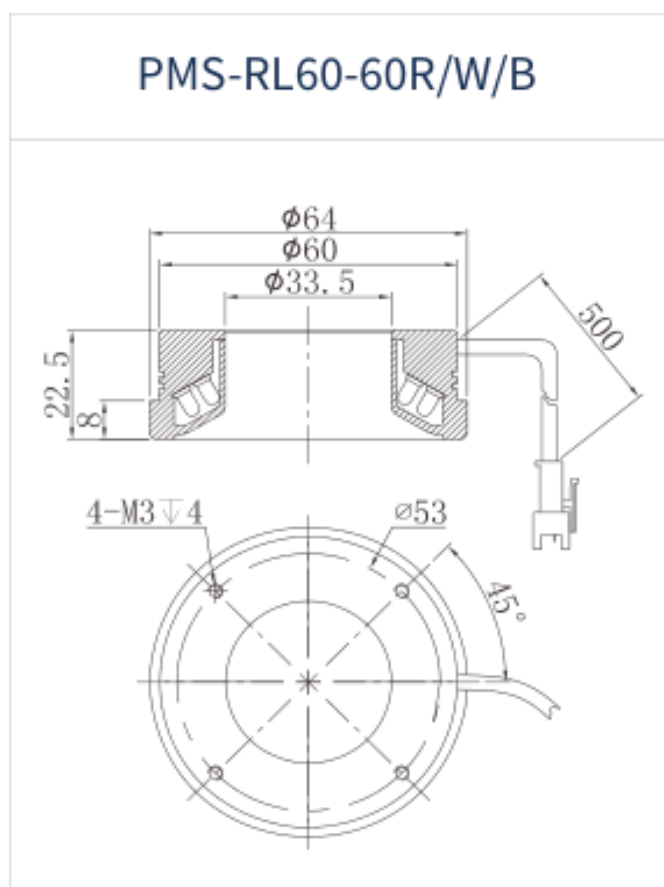
Color	Voltage	Power	Wavelength / CT
Red	24V	1.5W	625nm
White	24V	2.7W	6500K
Blue	24V	2.7W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL60-60R/W/B dimension drawing (mm)



PMS-RL60-90R/W/B

Ring Illumination

PMS-RL60-90R/W/B ring illumination. Diameter: $\phi 60\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\phi 60\text{mm}$
Angle	90°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

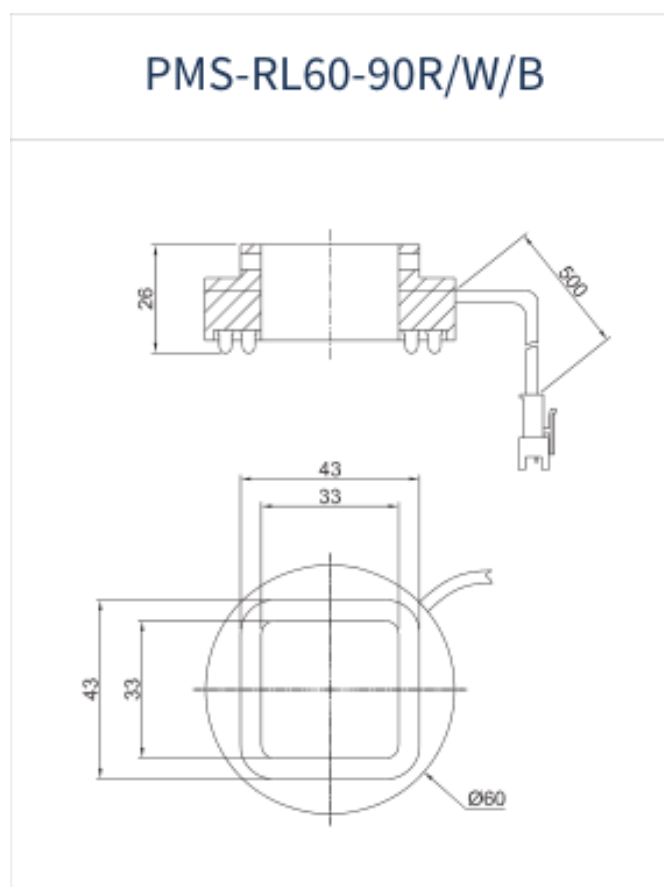
Color	Voltage	Power	Wavelength / CT
Red	24V	2.8W	625nm
White	24V	3W	6500K
Blue	24V	3W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL60-90R/W/B dimension drawing (mm)



PMS-RL73-90R/W/B

Ring Illumination

PMS-RL73-90R/W/B ring illumination. Diameter: $\varnothing 73\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 73\text{mm}$
Angle	90°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

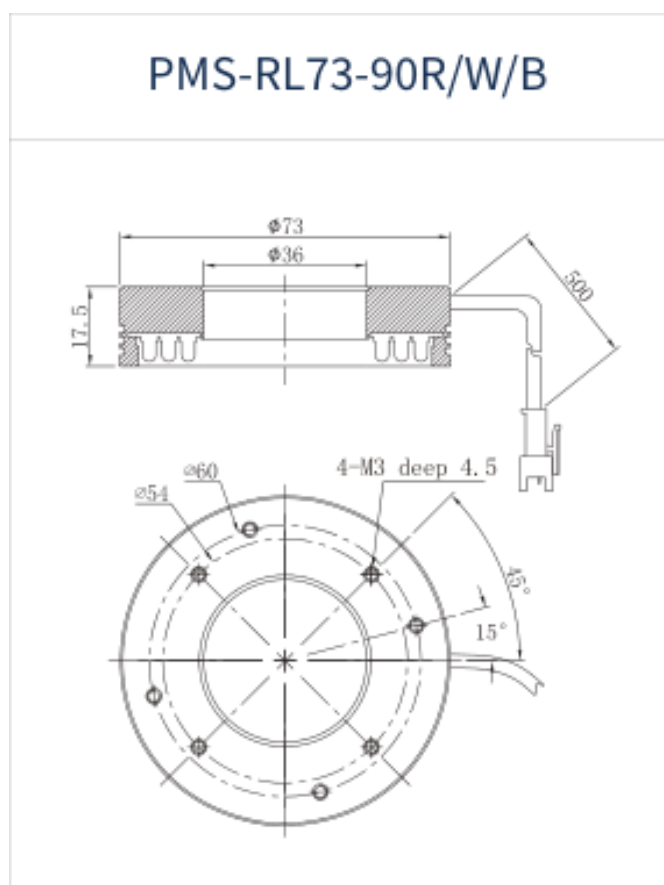
Color	Voltage	Power	Wavelength / CT
Red	24V	2.4W	625nm
White	24V	3.6W	6500K
Blue	24V	3.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL73-90R/W/B dimension drawing (mm)



PMS-RL74-30R/W/B

Ring Illumination

PMS-RL74-30R/W/B ring illumination. Diameter: $\varnothing 74\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 74\text{mm}$
Angle	30°
LED rings	2
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

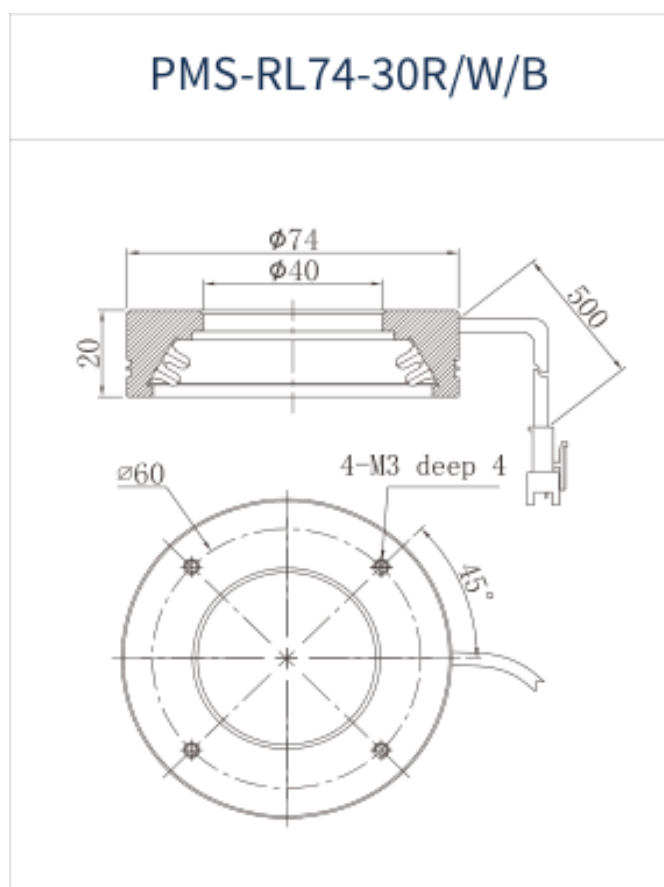
Color	Voltage	Power	Wavelength / CT
Red	24V	1.7W	625nm
White	24V	2.6W	6500K
Blue	24V	2.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL74-30R/W/B dimension drawing (mm)



PMS-RL74-60R/W/B

Ring Illumination

PMS-RL74-60R/W/B ring illumination. Diameter: $\varnothing 74\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 74\text{mm}$
Angle	60°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

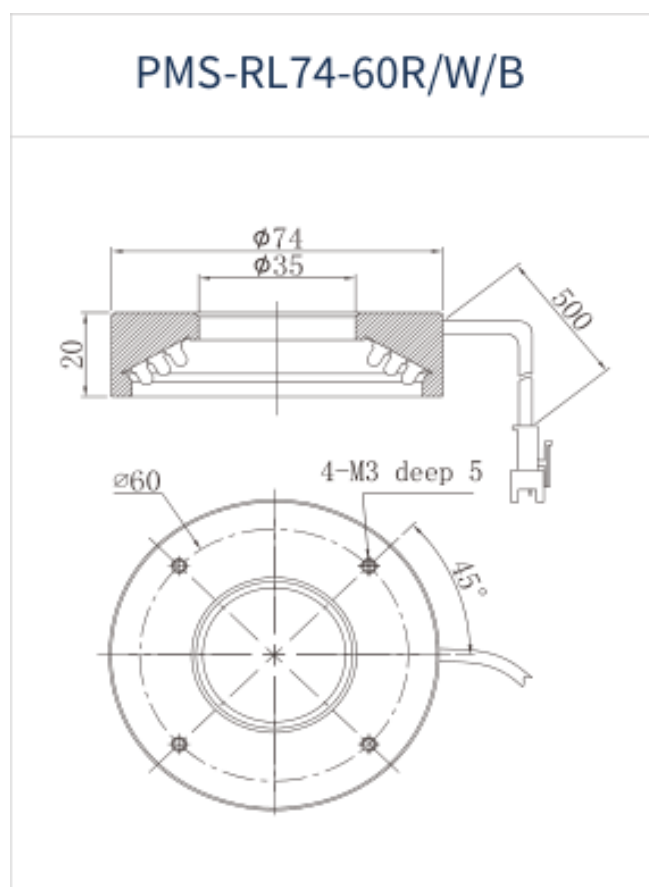
Color	Voltage	Power	Wavelength / CT
Red	24V	2.4W	625nm
White	24V	3.6W	6500K
Blue	24V	3.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL74-60R/W/B dimension drawing (mm)



PMS-RL90-30R/W/B

Ring Illumination

PMS-RL90-30R/W/B ring illumination. Diameter: $\varnothing 90\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 90\text{mm}$
Angle	30°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

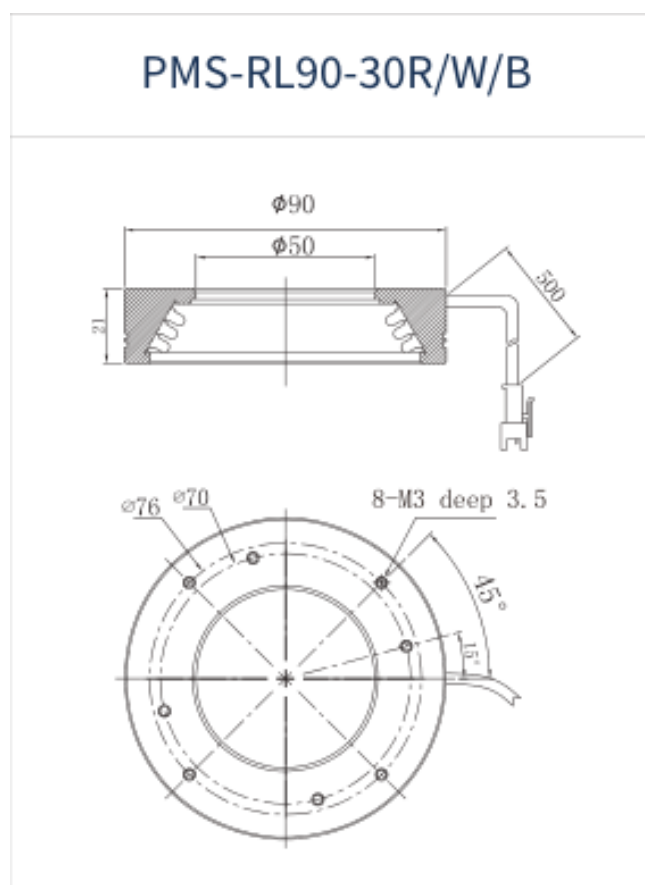
Color	Voltage	Power	Wavelength / CT
Red	24V	3.4W	625nm
White	24V	5.3W	6500K
Blue	24V	5.3W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL90-30R/W/B dimension drawing (mm)



PMS-RL90-45R/W/B

Ring Illumination

PMS-RL90-45R/W/B ring illumination. Diameter: $\varnothing 90\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 90\text{mm}$
Angle	45°
LED rings	4
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

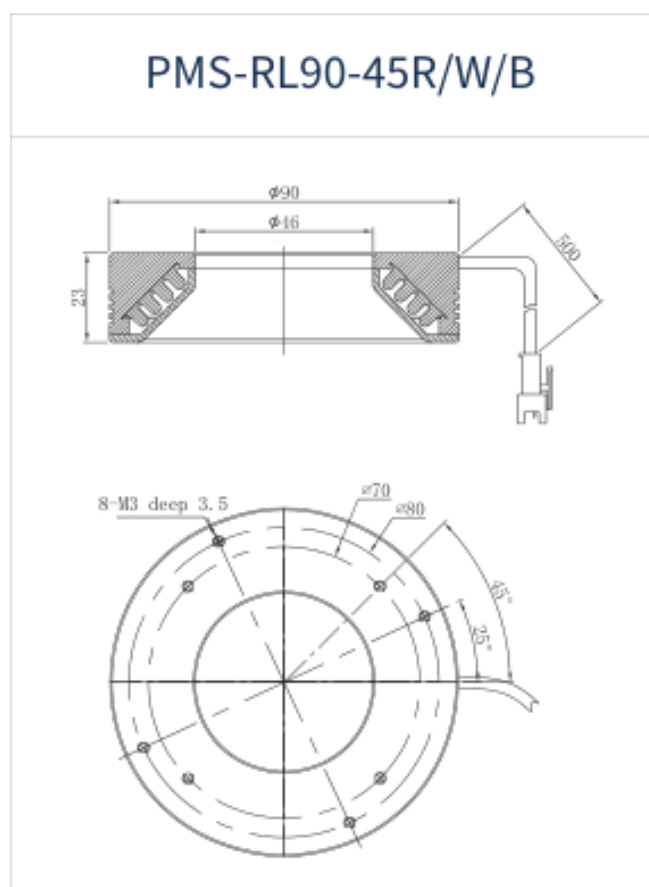
Color	Voltage	Power	Wavelength / CT
Red	24V	6.5W	625nm
White	24V	10.8W	6500K
Blue	24V	10.8W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL90-45R/W/B dimension drawing (mm)



PMS-RL90-70R/W/B

Ring Illumination

PMS-RL90-70R/W/B ring illumination. Diameter: $\varnothing 90\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 90\text{mm}$
Angle	70°
LED rings	4
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

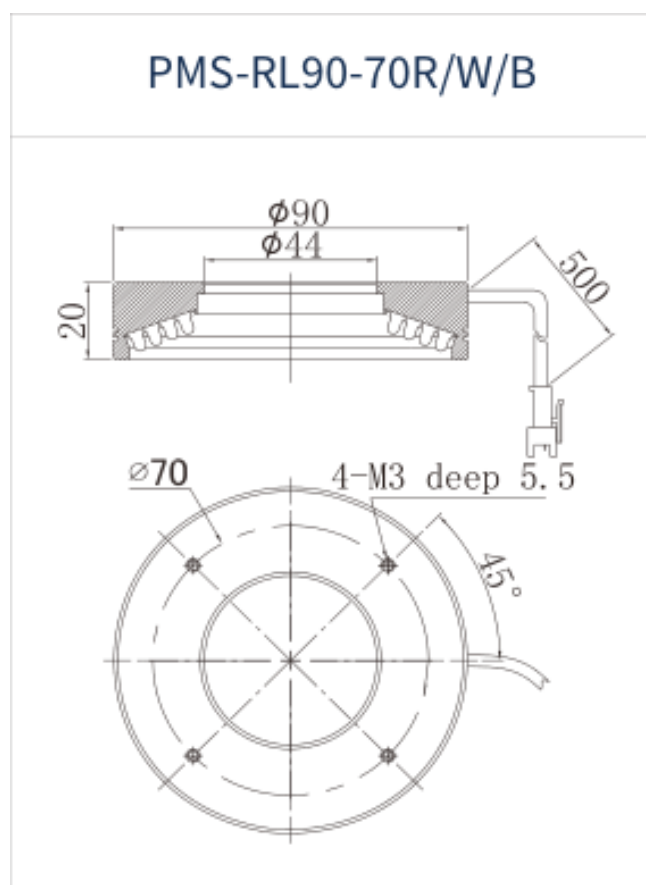
Color	Voltage	Power	Wavelength / CT
Red	24V	4.1W	625nm
White	24V	6.2W	6500K
Blue	24V	6.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL90-70R/W/B dimension drawing (mm)



PMS-RL90-80R/W/B

Ring Illumination

PMS-RL90-80R/W/B ring illumination. Diameter: $\varnothing 90\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 90\text{mm}$
Angle	80°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

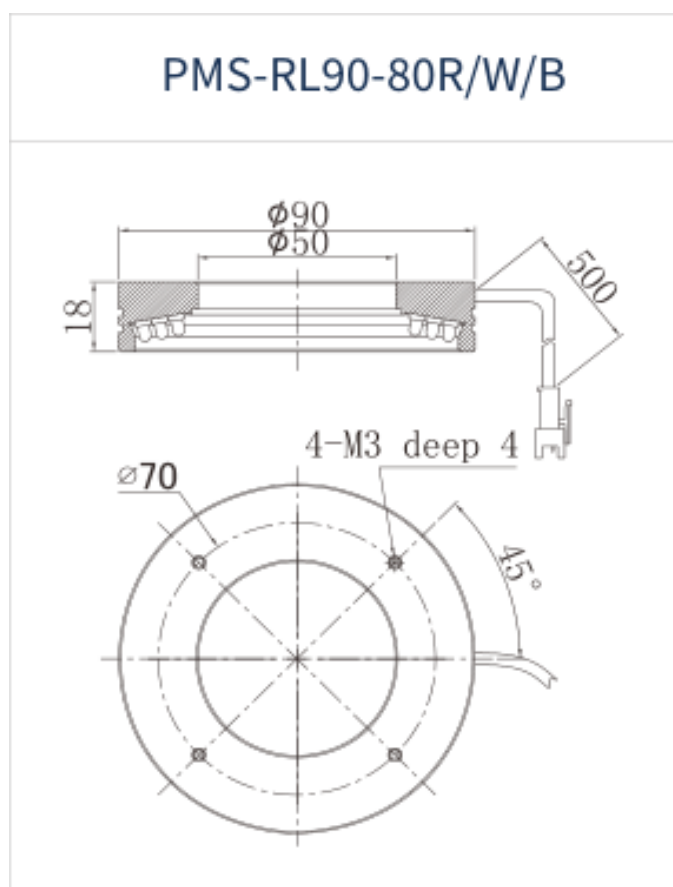
Color	Voltage	Power	Wavelength / CT
Red	24V	3.5W	625nm
White	24V	7.2W	6500K
Blue	24V	7.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL90-80R/W/B dimension drawing (mm)



PMS-RL96-00R/W/B

Ring Illumination

PMS-RL96-00R/W/B ring illumination. Diameter: $\varnothing 96\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 96\text{mm}$
Angle	0°
LED rings	1
Option	— (not specified)
Available colors	Red / White / Blue

Published color configurations

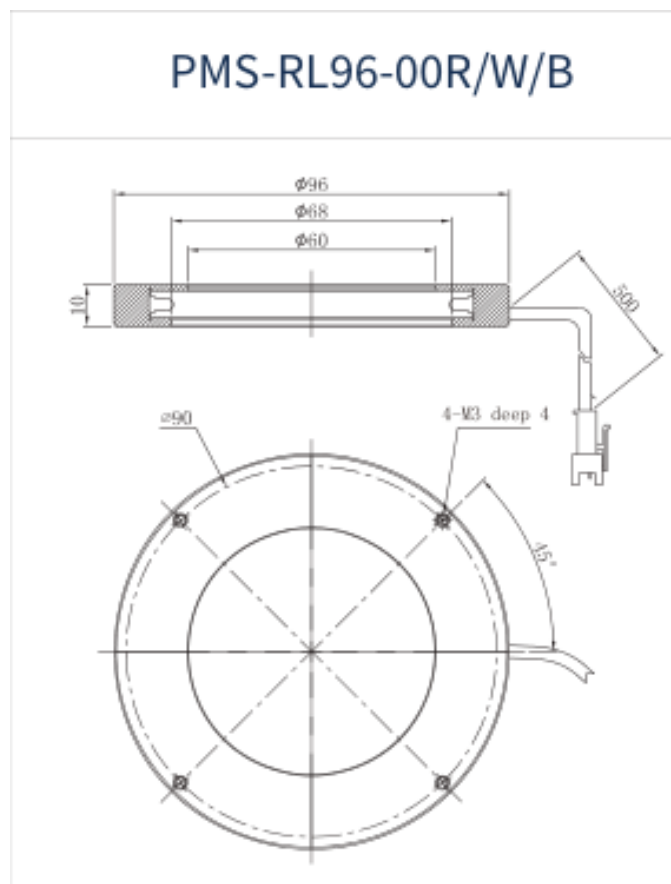
Color	Voltage	Power	Wavelength / CT
Red	24V	1.6W	625nm
White	24V	2.4W	6500K
Blue	24V	2.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL96-00R/W/B dimension drawing (mm)



PMS-RL100-90R/W/B

Ring Illumination

PMS-RL100-90R/W/B ring illumination. Diameter: $\varnothing 100\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 100\text{mm}$
Angle	90°
LED rings	5
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	5.1W	625nm
White	24V	8.4W	6500K
Blue	24V	8.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL105-70R/W/B

Ring Illumination

PMS-RL105-70R/W/B ring illumination. Diameter: $\varnothing 105\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 105\text{mm}$
Angle	70°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

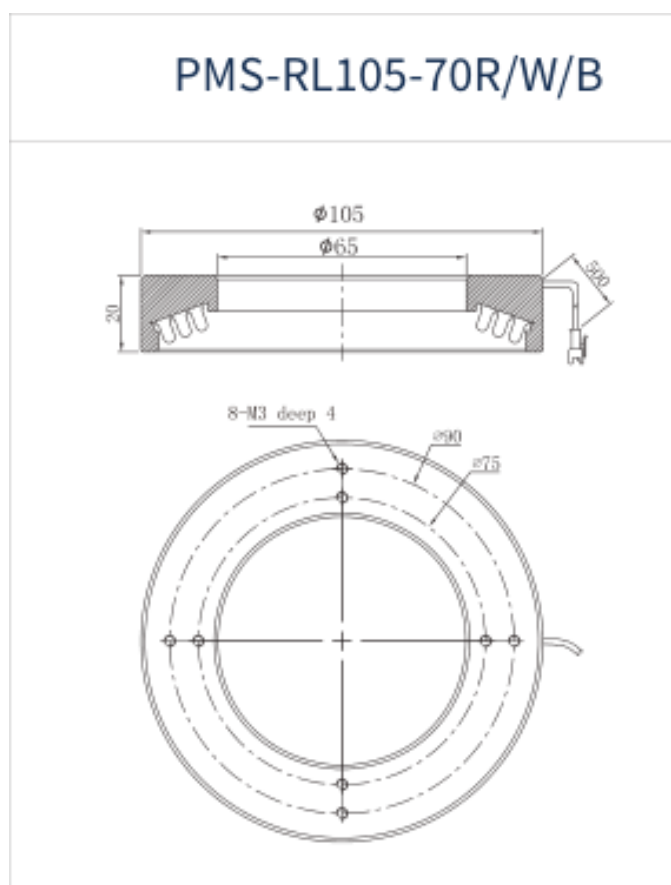
Color	Voltage	Power	Wavelength / CT
Red	24V	5.8W	625nm
White	24V	7.2W	6500K
Blue	24V	7.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL105-70R/W/B dimension drawing (mm)



PMS-RL116-00R/W/B

Ring Illumination

PMS-RL116-00R/W/B ring illumination. Diameter: $\varnothing 116\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 116\text{mm}$
Angle	0°
LED rings	1
Option	— (not specified)
Available colors	Red / White / Blue

Published color configurations

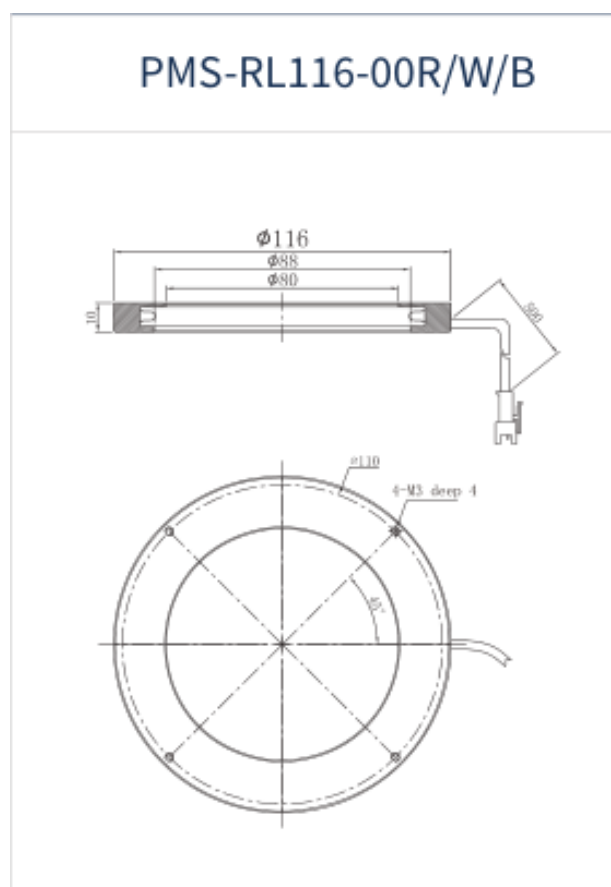
Color	Voltage	Power	Wavelength / CT
Red	24V	1.7W	625nm
White	24V	2.7W	6500K
Blue	24V	2.7W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL116-00R/W/B dimension drawing (mm)



PMS-RL120-30R/W/B

Ring Illumination

PMS-RL120-30R/W/B ring illumination. Diameter: $\varnothing 120\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 120\text{mm}$
Angle	30°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

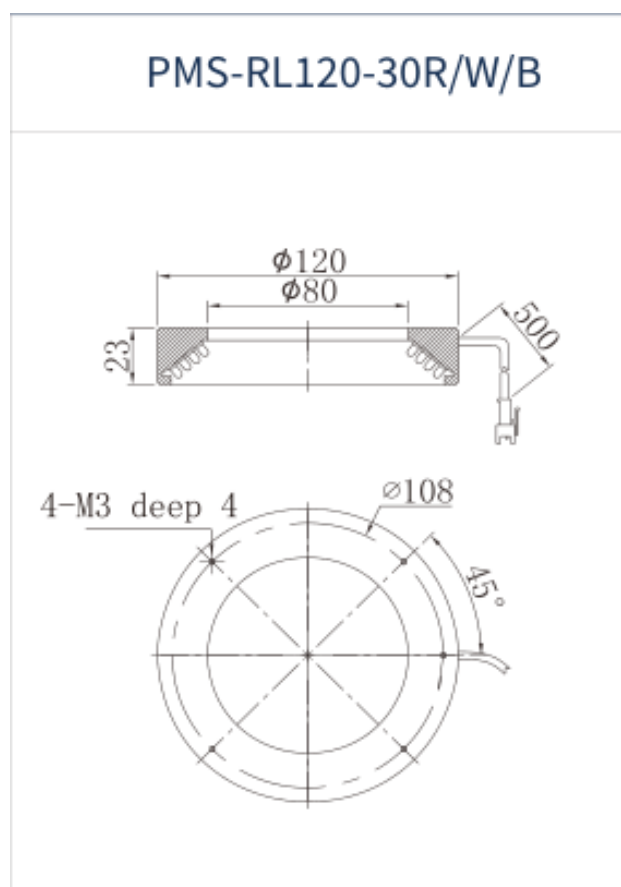
Color	Voltage	Power	Wavelength / CT
Red	24V	5.6W	625nm
White	24V	8.6W	6500K
Blue	24V	8.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL120-30R/W/B dimension drawing (mm)



PMS-RL120-50R/W/B

Ring Illumination

PMS-RL120-50R/W/B ring illumination. Diameter: $\varnothing 120\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 120\text{mm}$
Angle	50°
LED rings	4
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

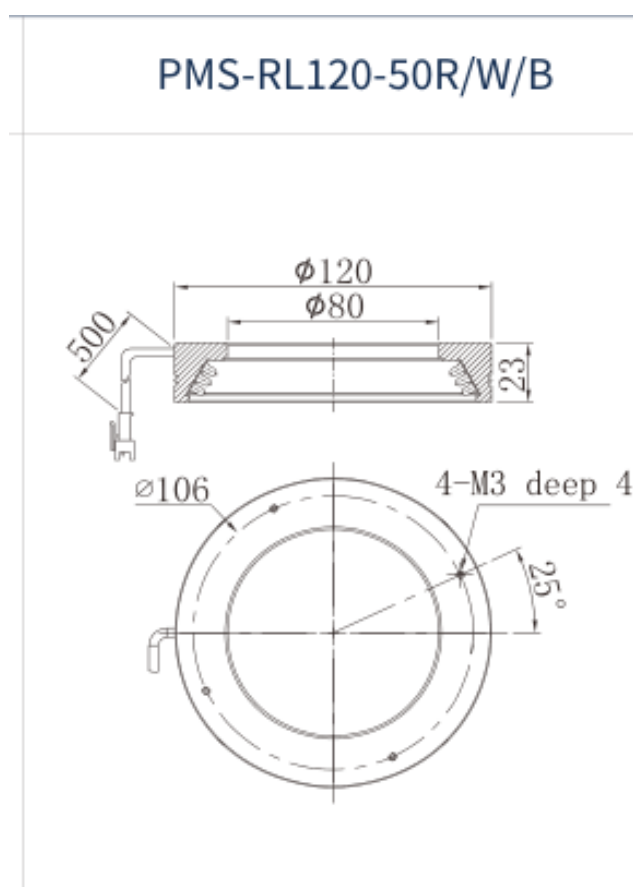
Color	Voltage	Power	Wavelength / CT
Red	24V	11W	625nm
White	24V	16.5W	6500K
Blue	24V	16.5W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL120-50R/W/B dimension drawing (mm)



PMS-RL120-60R/W/B

Ring Illumination

PMS-RL120-60R/W/B ring illumination. Diameter: $\varnothing 120\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 120\text{mm}$
Angle	60°
LED rings	6
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

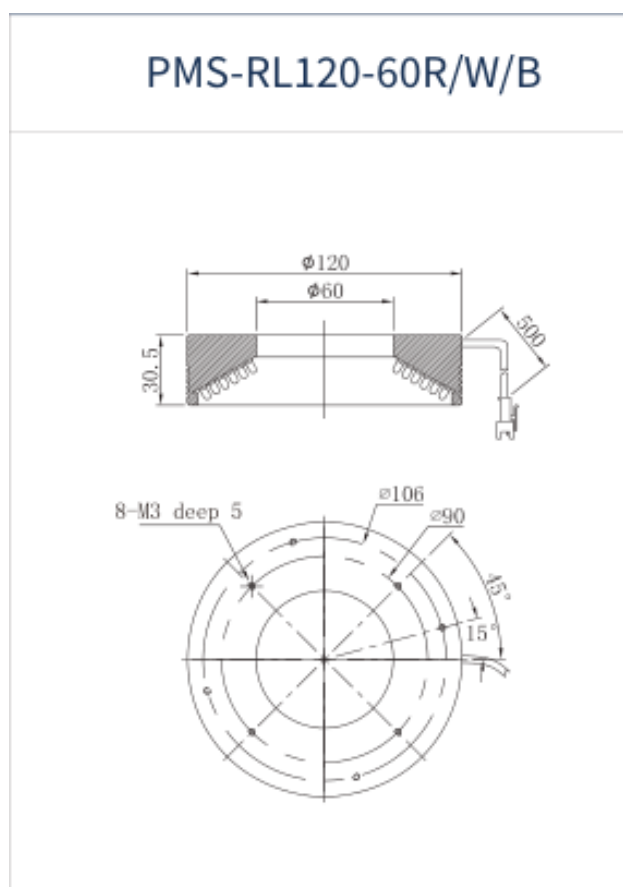
Color	Voltage	Power	Wavelength / CT
Red	24V	9.1W	625nm
White	24V	14W	6500K
Blue	24V	14W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL120-60R/W/B dimension drawing (mm)



PMS-RL120-70R/W/B

Ring Illumination

PMS-RL120-70R/W/B ring illumination. Diameter: $\varnothing 120\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 120\text{mm}$
Angle	70°
LED rings	4
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

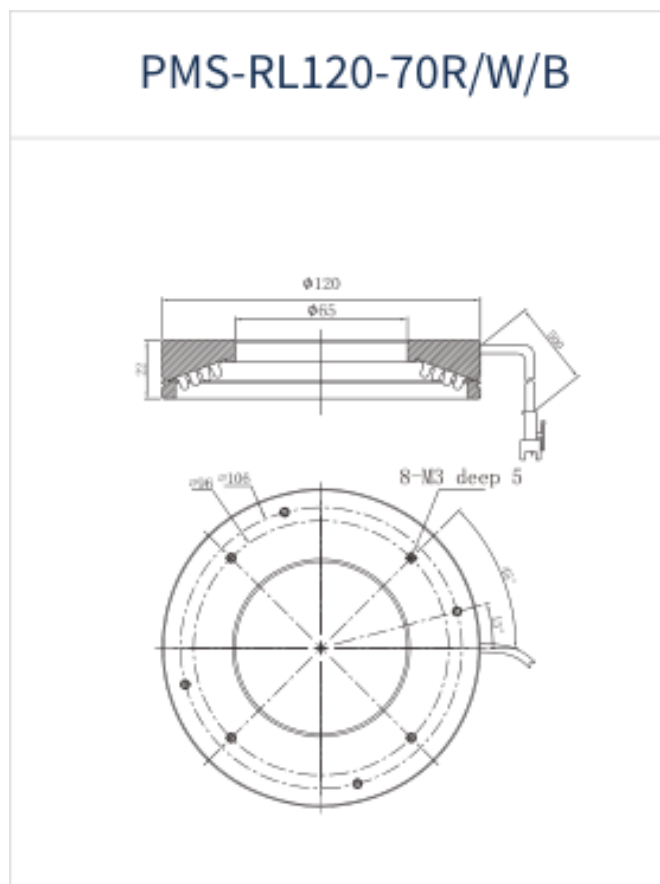
Color	Voltage	Power	Wavelength / CT
Red	24V	6W	625nm
White	24V	11W	6500K
Blue	24V	11W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL120-70R/W/B dimension drawing (mm)



PMS-RL120-80R/W/B

Ring Illumination

PMS-RL120-80R/W/B ring illumination. Diameter: $\varnothing 120\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 120\text{mm}$
Angle	80°
LED rings	4
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

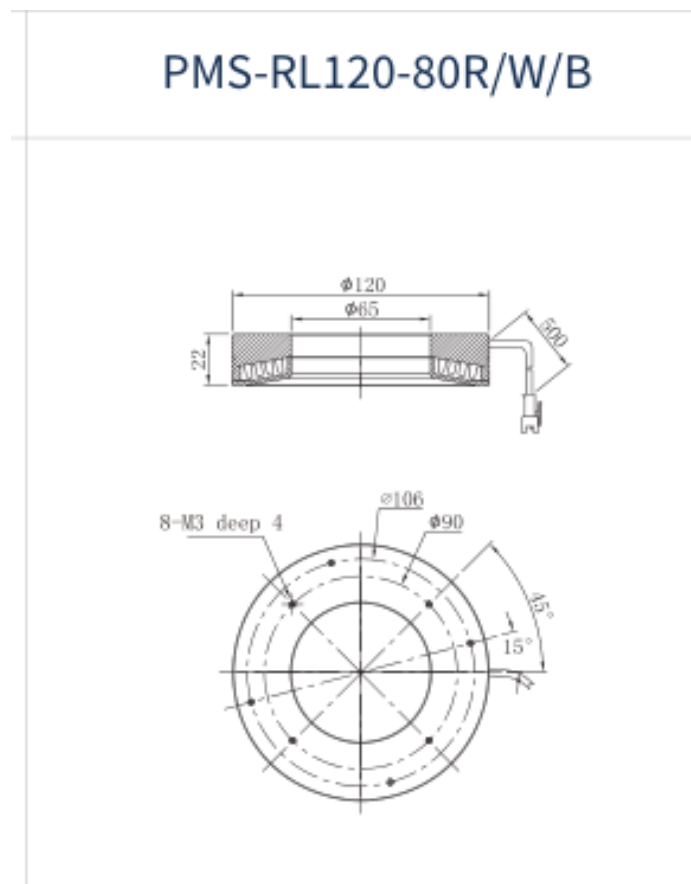
Color	Voltage	Power	Wavelength / CT
Red	24V	8.6W	625nm
White	24V	13.7W	6500K
Blue	24V	13.7W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL120-80R/W/B dimension drawing (mm)



PMS-RL120-90R/W/B

Ring Illumination

PMS-RL120-90R/W/B ring illumination. Diameter: $\varnothing 120\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 120\text{mm}$
Angle	90°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

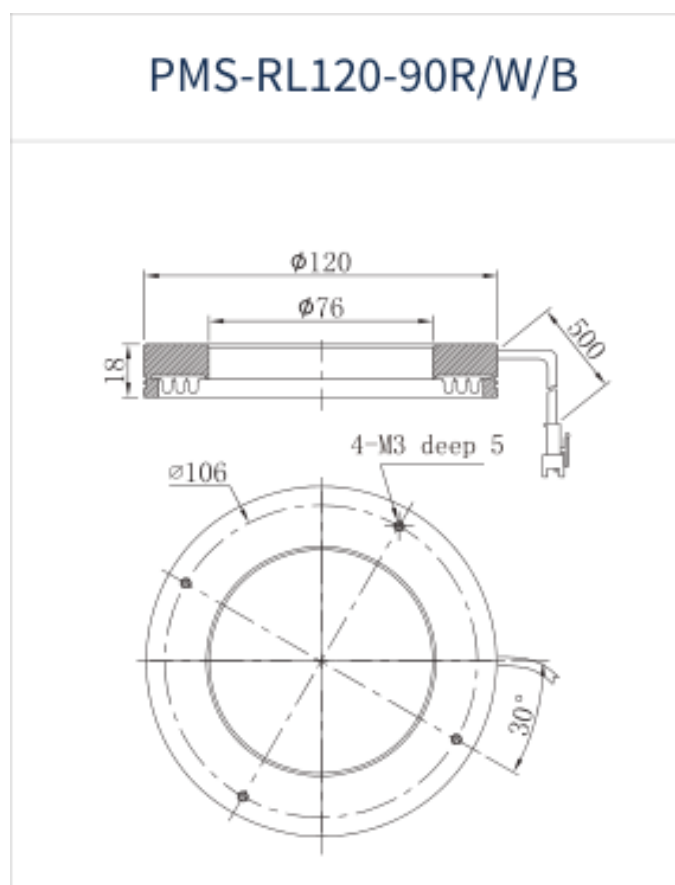
Color	Voltage	Power	Wavelength / CT
Red	24V	5.1W	625nm
White	24V	8.7W	6500K
Blue	24V	8.7W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL120-90R/W/B dimension drawing (mm)



PMS-RL132-20R/W/B

Ring Illumination

PMS-RL132-20R/W/B ring illumination. Diameter: $\varnothing 132\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 132\text{mm}$
Angle	20°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

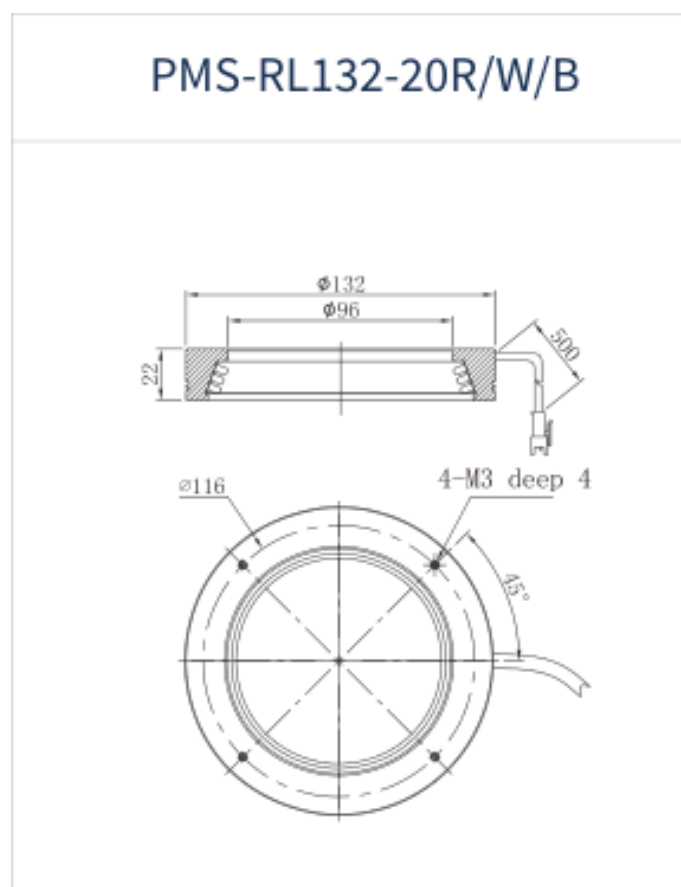
Color	Voltage	Power	Wavelength / CT
Red	24V	5.1W	625nm
White	24V	8W	6500K
Blue	24V	8W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL132-20R/W/B dimension drawing (mm)



PMS-RL146-00R/W/B

Ring Illumination

PMS-RL146-00R/W/B ring illumination. Diameter: $\phi 140\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\phi 140\text{mm}$
Angle	0°
LED rings	1
Option	— (not specified)
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	1.9W	625nm
White	24V	2.9W	6500K
Blue	24V	2.9W	470nm

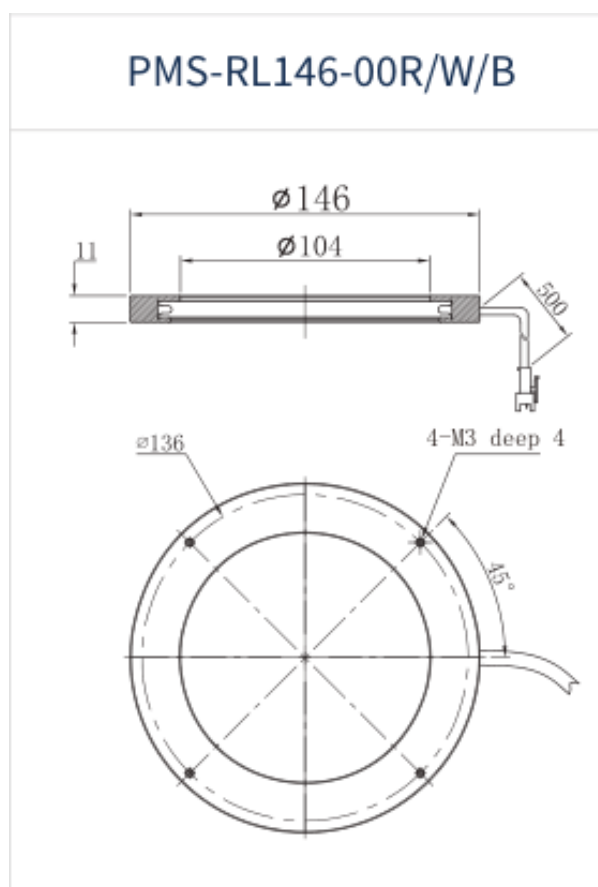
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	$0\text{--}40^\circ\text{C}$
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25°C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The catalog model code contains 146, while its outer-diameter column specifies $\phi 140\text{ mm}$. The published diameter is retained; verify the mechanical requirement.

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL146-00R/W/B dimension drawing (mm)



PMS-RL150-30R/W/B

Ring Illumination

PMS-RL150-30R/W/B ring illumination. Diameter: $\varnothing 150\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 150\text{mm}$
Angle	30°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

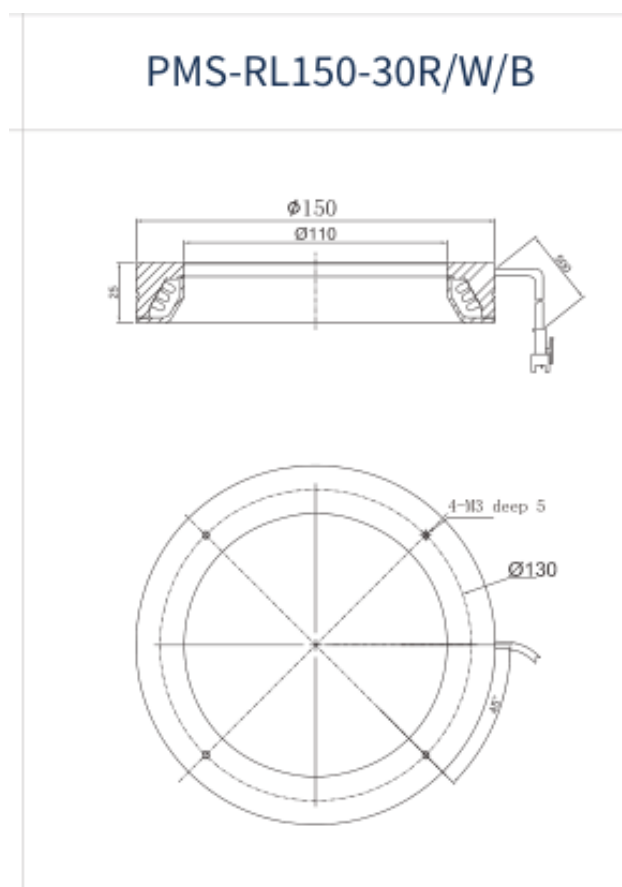
Color	Voltage	Power	Wavelength / CT
Red	24V	8.6W	625nm
White	24V	17.3W	6500K
Blue	24V	17.3W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL150-30R/W/B dimension drawing (mm)



PMS-RL150-60R/W/B

Ring Illumination

PMS-RL150-60R/W/B ring illumination. Diameter: $\varnothing 150\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 150\text{mm}$
Angle	60°
LED rings	4
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

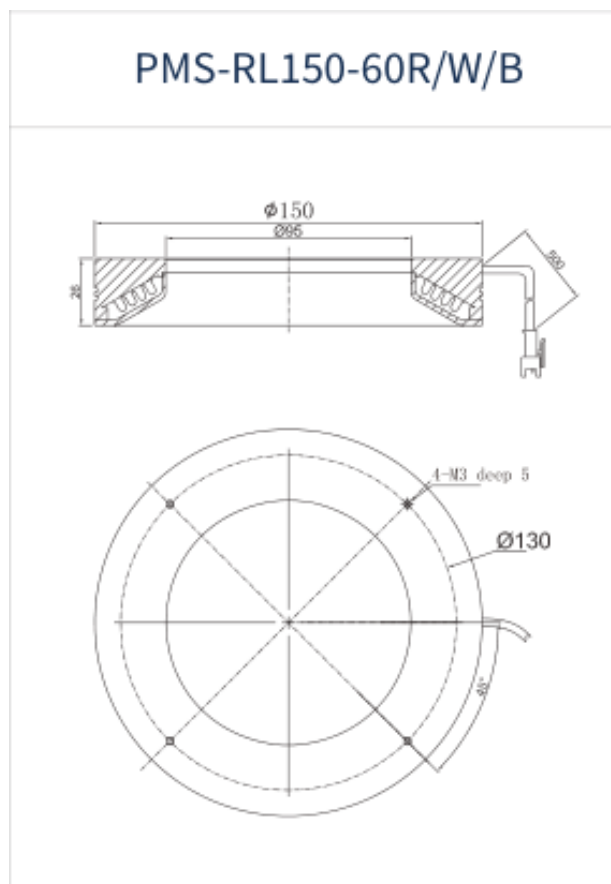
Color	Voltage	Power	Wavelength / CT
Red	24V	9W	625nm
White	24V	18W	6500K
Blue	24V	18W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL150-60R/W/B dimension drawing (mm)



PMS-RL150-90R/W/B

Ring Illumination

PMS-RL150-90R/W/B ring illumination. Diameter: $\varnothing 150\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 150\text{mm}$
Angle	90°
LED rings	4
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

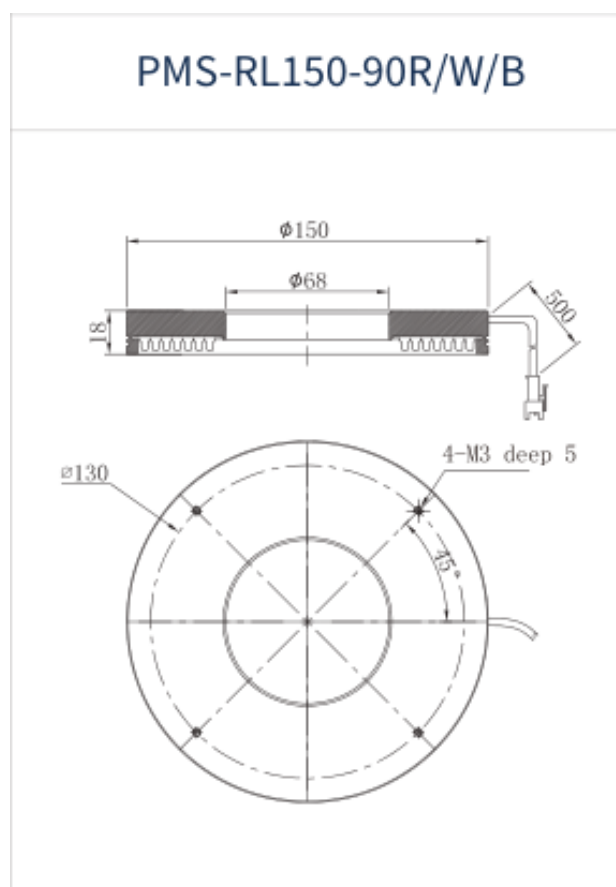
Color	Voltage	Power	Wavelength / CT
Red	24V	19.3W	625nm
White	24V	28W	6500K
Blue	24V	28W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL150-90R/W/B dimension drawing (mm)



PMS-RL170-20R/W/B

Ring Illumination

PMS-RL170-20R/W/B ring illumination. Diameter: $\varnothing 170\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 170\text{mm}$
Angle	20°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

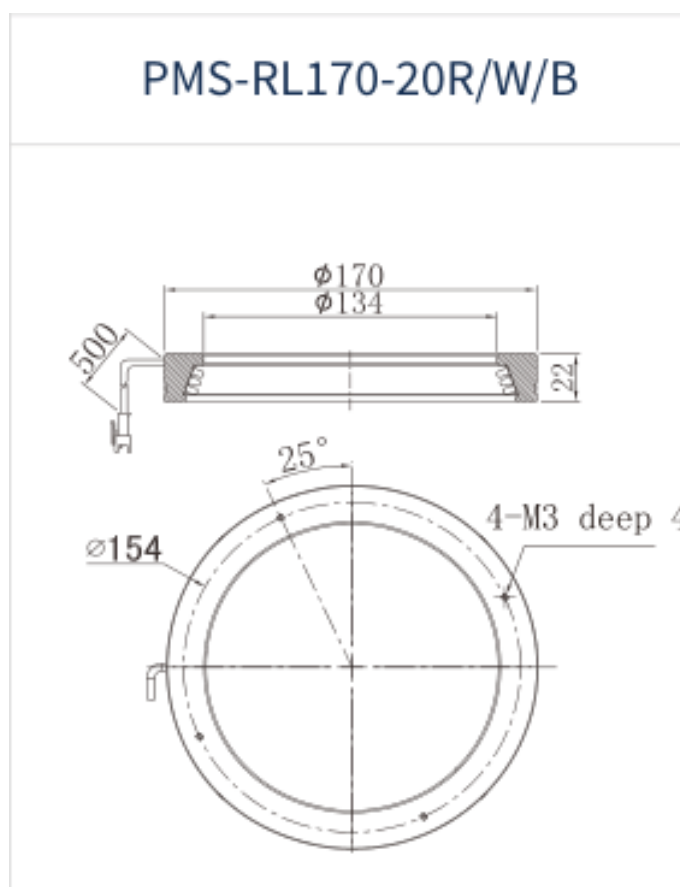
Color	Voltage	Power	Wavelength / CT
Red	24V	7W	625nm
White	24V	14W	6500K
Blue	24V	14W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL170-20R/W/B dimension drawing (mm)



PMS-RL172-00R/W/B

Ring Illumination

PMS-RL172-00R/W/B ring illumination. Diameter: $\varnothing 172\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 172\text{mm}$
Angle	0°
LED rings	1
Option	— (not specified)
Available colors	Red / White / Blue

Published color configurations

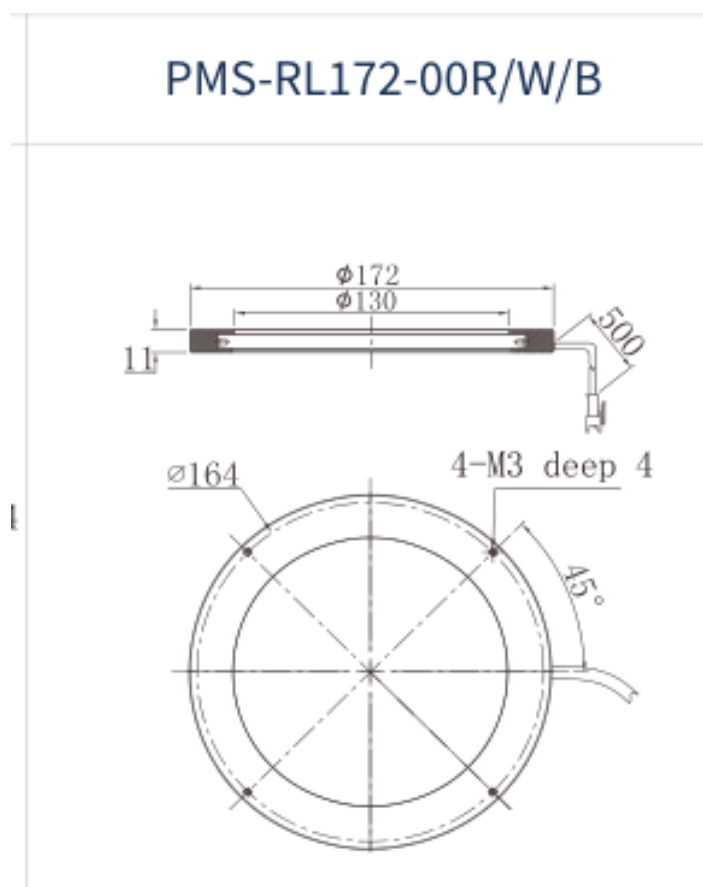
Color	Voltage	Power	Wavelength / CT
Red	24V	1.8W	625nm
White	24V	4W	6500K
Blue	24V	4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL172-00R/W/B dimension drawing (mm)



PMS-RL180-30R/W/B

Ring Illumination

PMS-RL180-30R/W/B ring illumination. Diameter: $\varnothing$ 180mm. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing$ 180mm
Angle	30°
LED rings	5
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

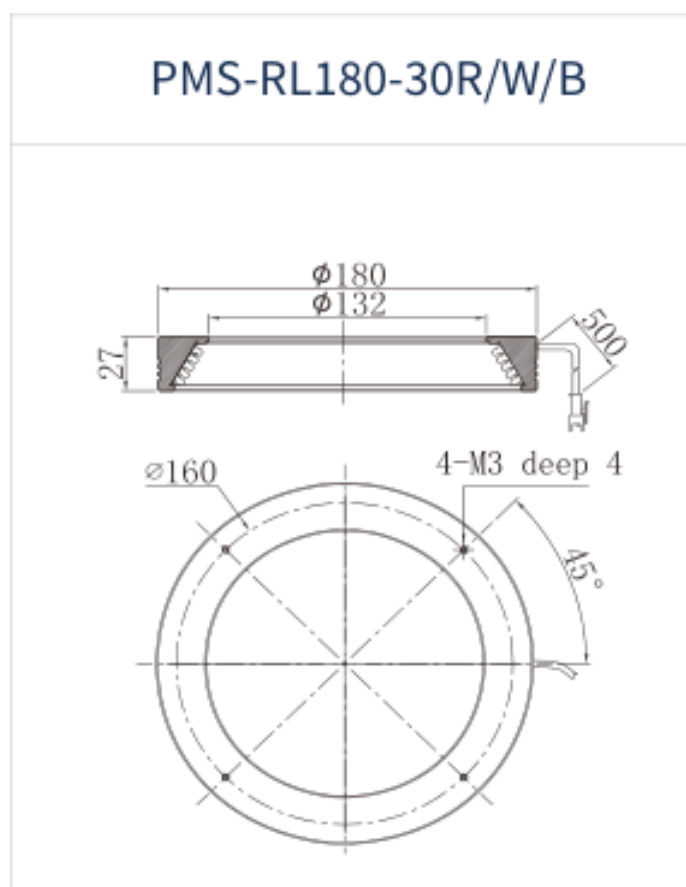
Color	Voltage	Power	Wavelength / CT
Red	24V	9.7W	625nm
White	24V	14.9W	6500K
Blue	24V	14.9W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL180-30R/W/B dimension drawing (mm)



PMS-RL180-60R/W/B

Ring Illumination

PMS-RL180-60R/W/B ring illumination. Diameter: $\varnothing$ 180mm. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing$ 180mm
Angle	60°
LED rings	4
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

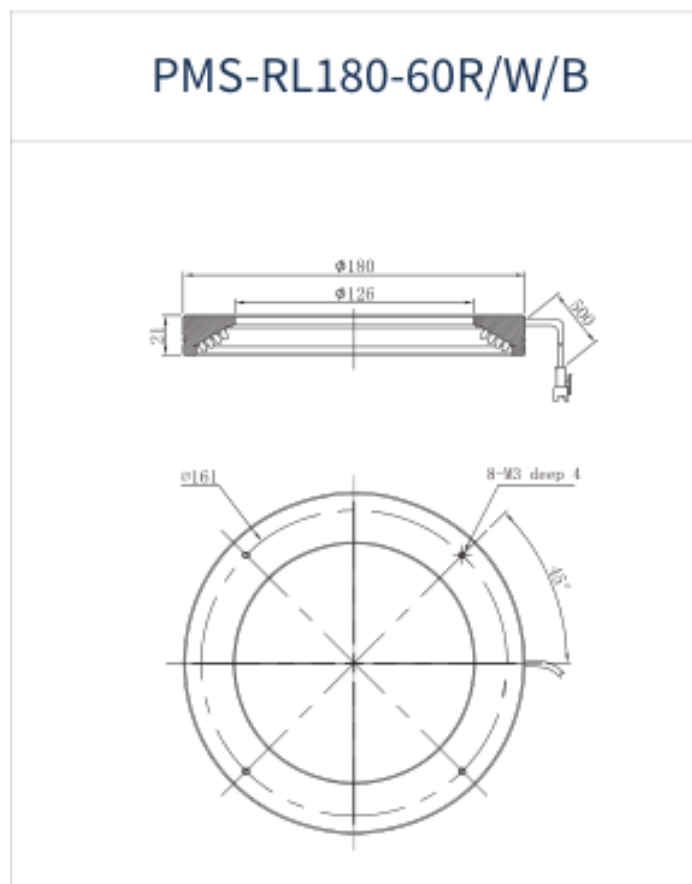
Color	Voltage	Power	Wavelength / CT
Red	24V	9.4W	625nm
White	24V	14.4W	6500K
Blue	24V	14.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL180-60R/W/B dimension drawing (mm)



PMS-RL180-90R/W/B

Ring Illumination

PMS-RL180-90R/W/B ring illumination. Diameter: $\varnothing$ 180mm. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing$ 180mm
Angle	90°
LED rings	6
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

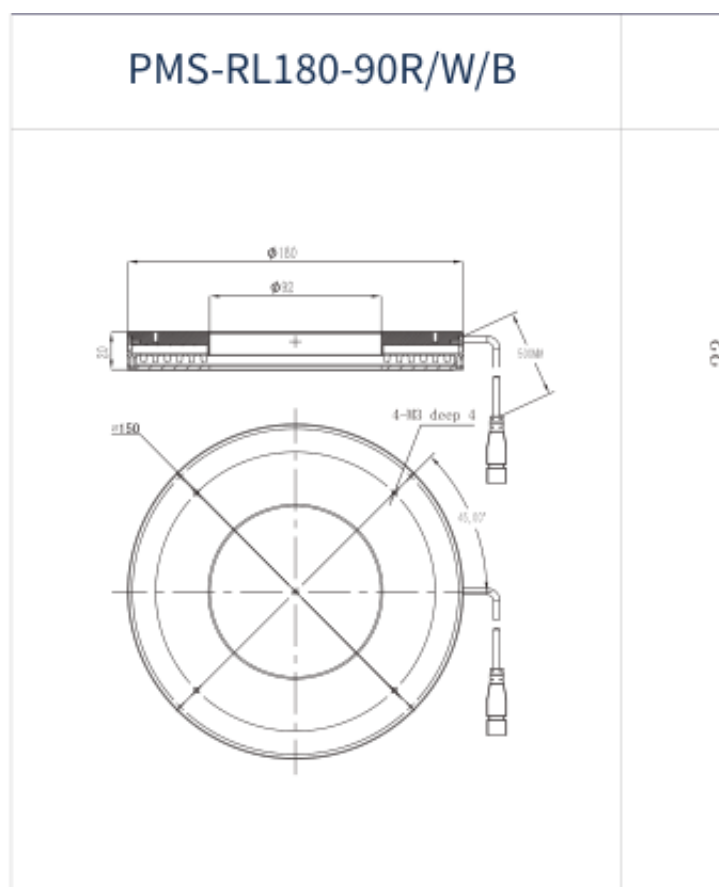
Color	Voltage	Power	Wavelength / CT
Red	24V	22.5W	625nm
White	24V	30W	6500K
Blue	24V	30W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL180-90R/W/B dimension drawing (mm)



PMS-RL208-20R/W/B

Ring Illumination

PMS-RL208-20R/W/B ring illumination. Diameter: $\varnothing 208\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 208\text{mm}$
Angle	20°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	9.2W	625nm
White	24V	15.2W	6500K
Blue	24V	15.2W	470nm

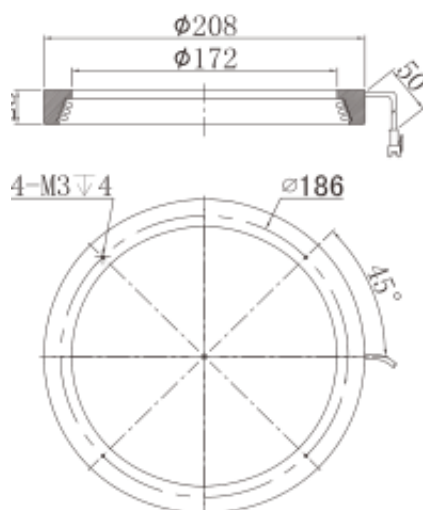
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL208-20R/W/B dimension drawing (mm)

PMS-RL208-20R/W/B



PMS-RL208-60R/W/B

Ring Illumination

PMS-RL208-60R/W/B ring illumination. Diameter: $\varnothing 208\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 208\text{mm}$
Angle	60°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

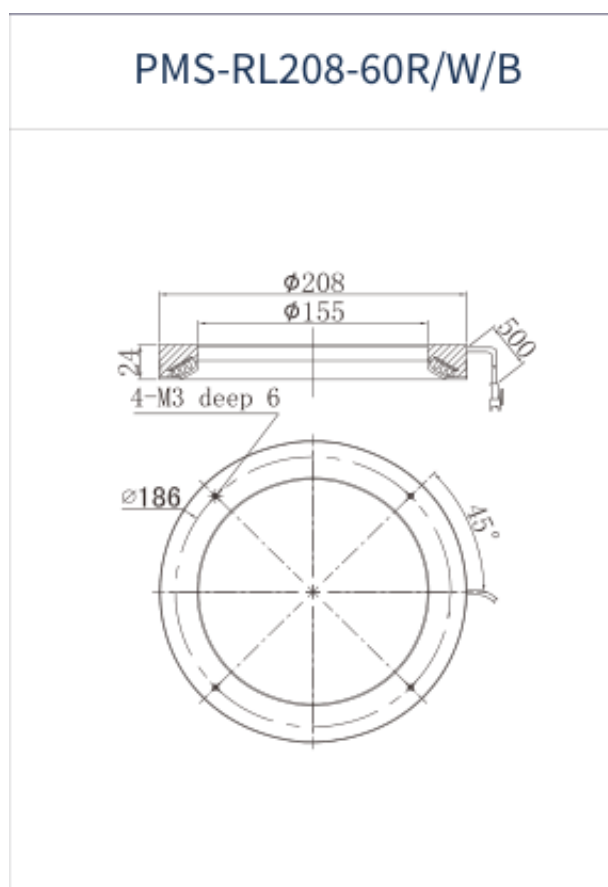
Color	Voltage	Power	Wavelength / CT
Red	24V	8.7W	625nm
White	24V	14.4W	6500K
Blue	24V	14.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL208-60R/W/B dimension drawing (mm)



PMS-RL213-00R/W/B

Ring Illumination

PMS-RL213-00R/W/B ring illumination. Diameter: $\varnothing 213\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 213\text{mm}$
Angle	0°
LED rings	1
Option	— (not specified)
Available colors	Red / White / Blue

Published color configurations

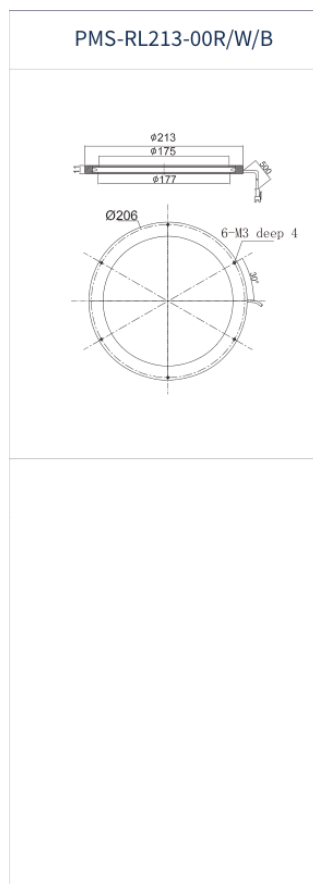
Color	Voltage	Power	Wavelength / CT
Red	24V	4.8W	625nm
White	24V	9.6W	6500K
Blue	24V	9.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL213-00R/W/B dimension drawing (mm)



PMS-RL260-60R/W/B

Ring Illumination

PMS-RL260-60R/W/B ring illumination. Diameter: $\varnothing 260\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 260\text{mm}$
Angle	60°
LED rings	7
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

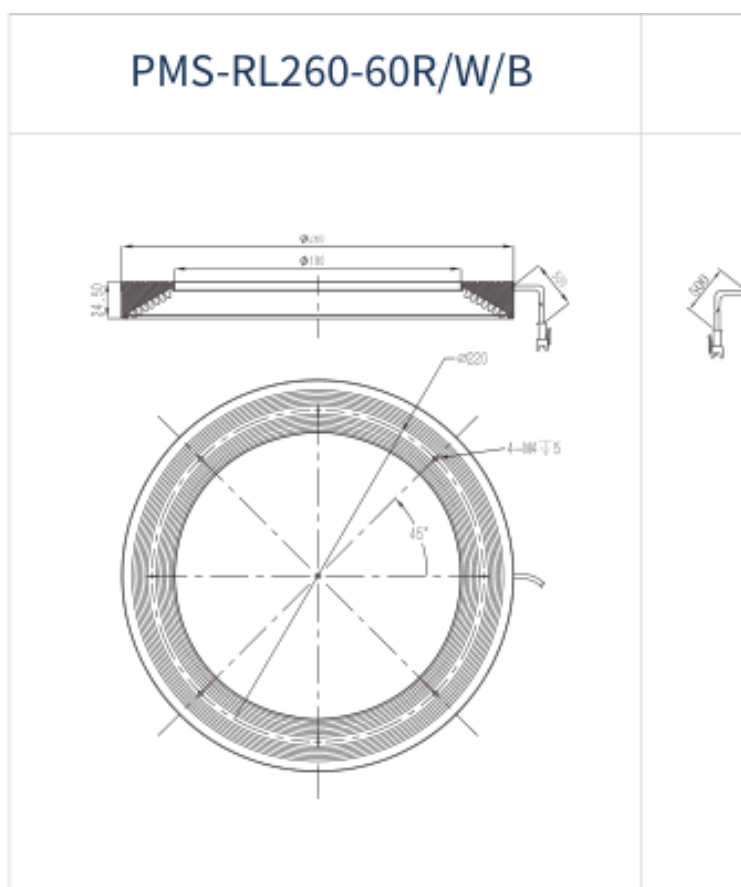
Color	Voltage	Power	Wavelength / CT
Red	24V	29.5W	625nm
White	24V	35.3W	6500K
Blue	24V	35.3W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL260-60R/W/B dimension drawing (mm)



PMS-RL272-20R/W/B

Ring Illumination

PMS-RL272-20R/W/B ring illumination. Diameter: $\varnothing 272\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 272\text{mm}$
Angle	20°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

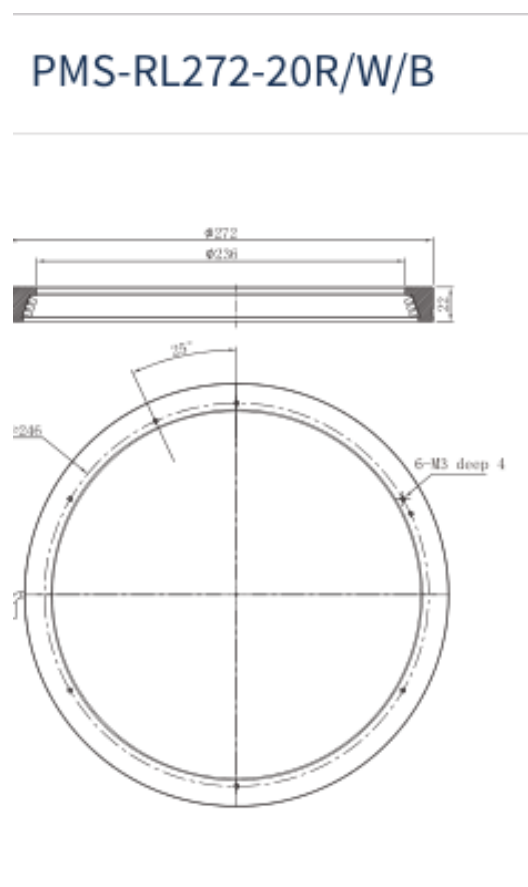
Color	Voltage	Power	Wavelength / CT
Red	24V	10.5W	625nm
White	24V	16W	6500K
Blue	24V	16W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL272-20R/W/B dimension drawing (mm)



PMS-RL350-30R/W/B

Ring Illumination

PMS-RL350-30R/W/B ring illumination. Diameter: $\varnothing 350\text{mm}$. Direct ring lighting with a choice of irradiation angle for inspection and measurement.



Model specifications	
Outer diameter	$\varnothing 350\text{mm}$
Angle	30°
LED rings	3
Option	Diffusion board
Available colors	Red / White / Blue

Published color configurations

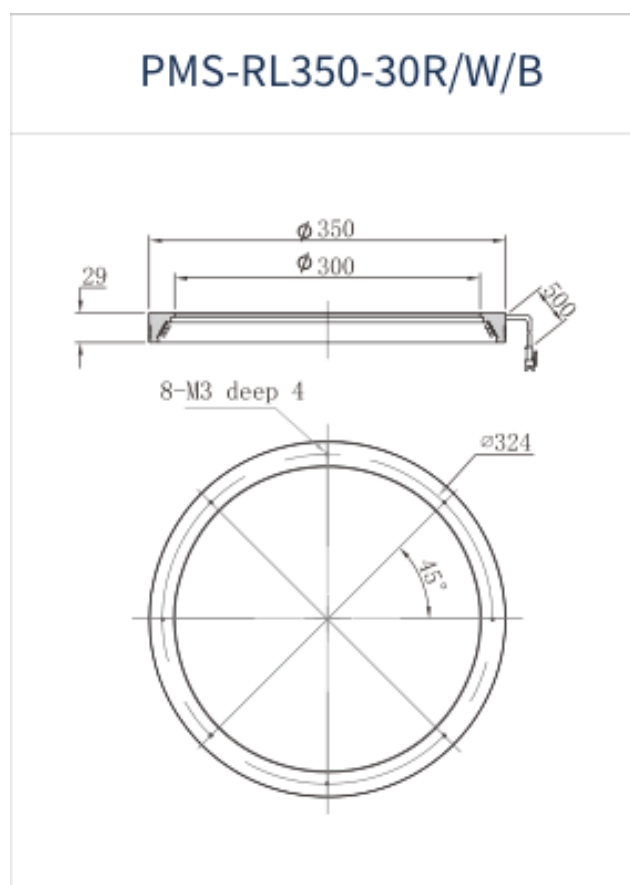
Color	Voltage	Power	Wavelength / CT
Red	24V	25.2W	625nm
White	24V	41.8W	6500K
Blue	24V	41.8W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-RL350-30R/W/B dimension drawing (mm)



PMS-GPI-0801R/W/B

Point Illumination

PMS-GPI-0801R/W/B point illumination. Diameter: $\varnothing 8\text{mm}$. Compact point lighting for small components and coaxial microscope or telecentric systems.



Model specifications	
Diameter	$\varnothing 8\text{mm}$
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	1W	625nm
White	24V	1W	6500K
Blue	24V	1W	470nm

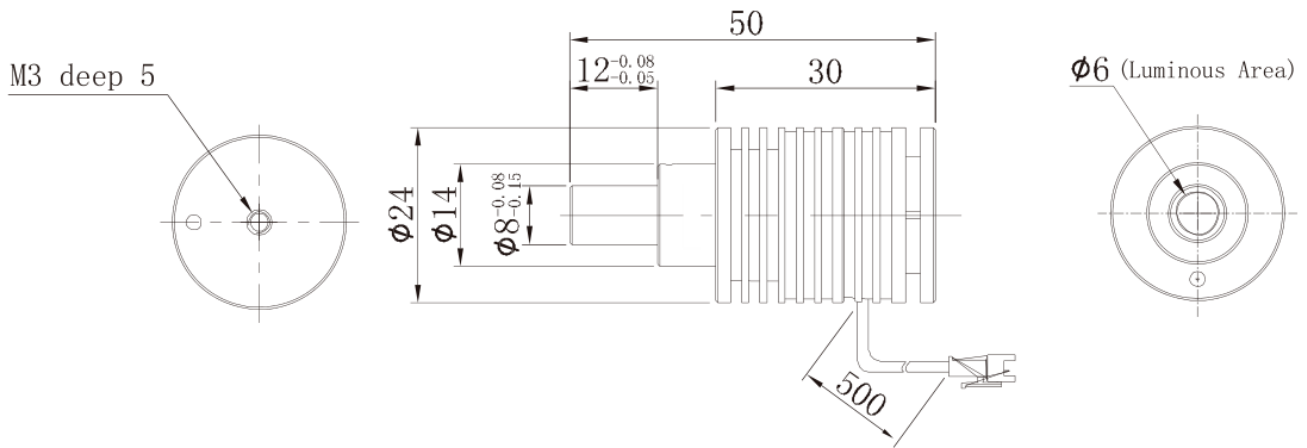
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GPI-0801R/W/B dimension drawing (mm)

PMS-GPI-0801R/W/B



PMS-GPI-0803R/W/B

Point Illumination

PMS-GPI-0803R/W/B point illumination. Diameter: $\varnothing 8\text{mm}$. Compact point lighting for small components and coaxial microscope or telecentric systems.



Model specifications	
Diameter	$\varnothing 8\text{mm}$
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	3W	625nm
White	24V	3W	6500K
Blue	24V	3W	470nm

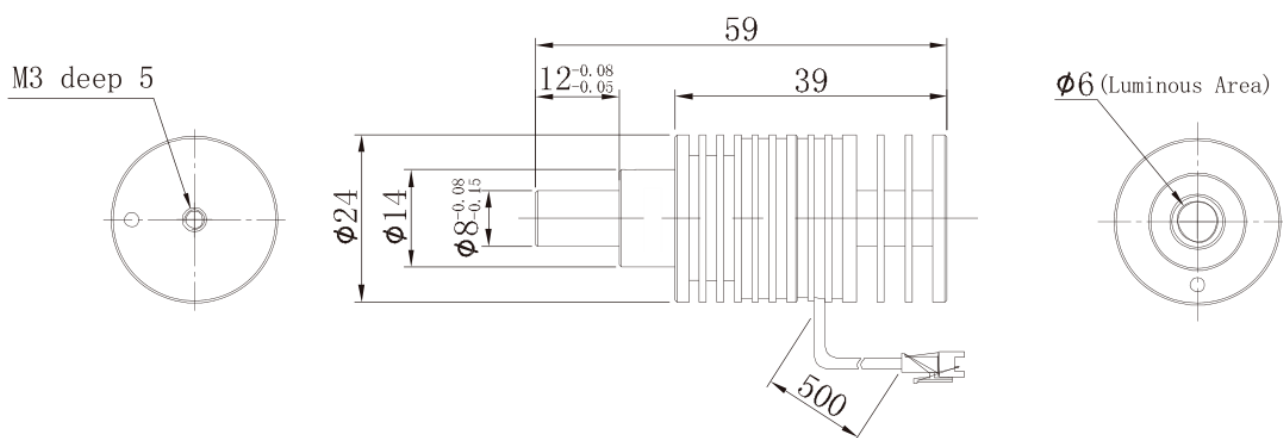
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GPI-0803R/W/B dimension drawing (mm)

PMS-GPI-0803R/W/B



PMS-LTD-30R/G/B/W

Parallel Illumination

PMS-LTD-30R/G/B/W parallel illumination. Beam diameter: 30mm. Telecentric LED backlighting for high-contrast edges and profile measurement.



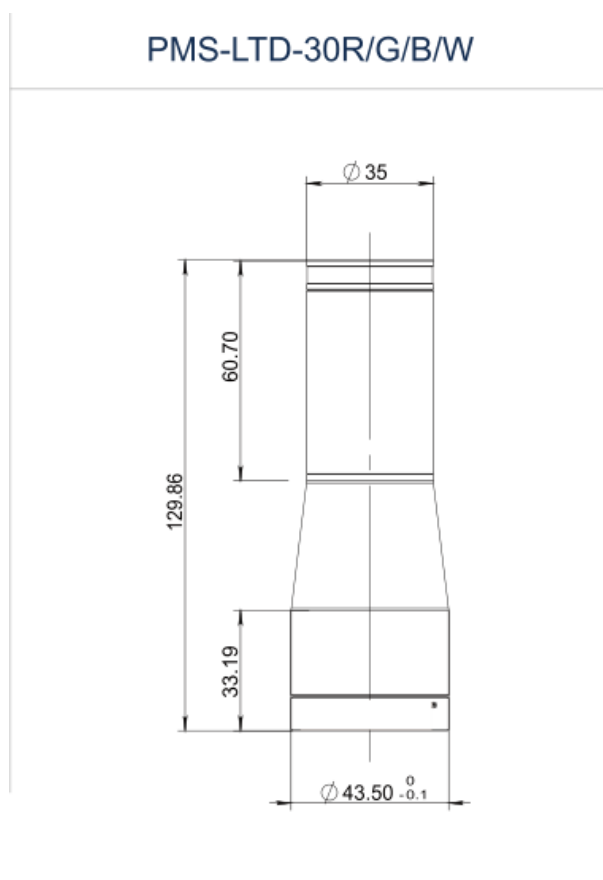
Model specifications	
Beam diameter	30mm
Working distance	45-90mm
Outer diameter	43.5mm
Length	121.16mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The parallel-light mechanical table and labeled drawings contain different lengths. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-30R/G/B/W dimension drawing (mm)



PMS-LTD-60R/G/B/W

Parallel Illumination

PMS-LTD-60R/G/B/W parallel illumination. Beam diameter: 60mm. Telecentric LED backlighting for high-contrast edges and profile measurement.



Model specifications	
Beam diameter	60mm
Working distance	90-180mm
Outer diameter	72mm
Length	180mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

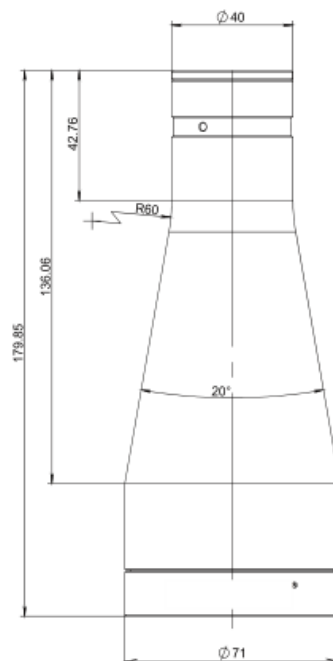
Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The parallel-light mechanical table and labeled drawings contain different lengths. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-60R/G/B/W dimension drawing (mm)

PMS-LTD-60R/G/B/W



PMS-LTD-100R/G/B/W

Parallel Illumination

PMS-LTD-100R/G/B/W parallel illumination. Beam diameter: 100mm.
Telecentric LED backlighting for high-contrast edges and profile measurement.



Model specifications	
Beam diameter	100mm
Working distance	150-300mm
Outer diameter	174mm
Length	276mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

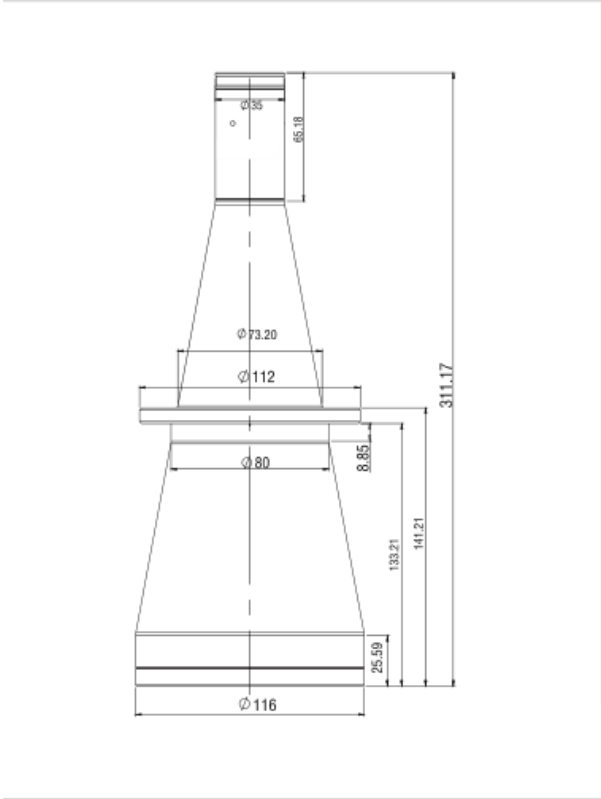
Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The parallel-light mechanical table and labeled drawings contain different lengths. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-100R/G/B/W dimension drawing (mm)

PMS-LTD-100R/G/B/W



PMS-LTD-145R/G/B/W

Parallel Illumination

PMS-LTD-145R/G/B/W parallel illumination. Beam diameter: 145mm.
Telecentric LED backlighting for high-contrast edges and profile measurement.



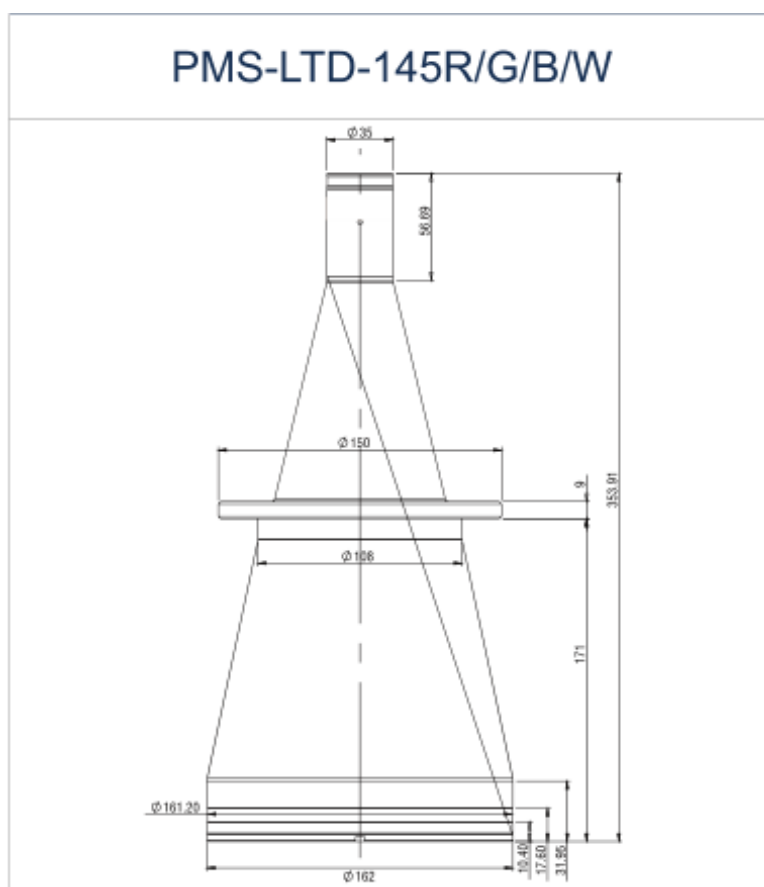
Model specifications	
Beam diameter	145mm
Working distance	100-300mm
Outer diameter	162mm
Length	358mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The parallel-light mechanical table and labeled drawings contain different lengths. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-145R/G/B/W dimension drawing (mm)



PMS-LTD-189R/G/B/W

Parallel Illumination

PMS-LTD-189R/G/B/W parallel illumination. Beam diameter: 189mm.
Telecentric LED backlighting for high-contrast edges and profile measurement.



Model specifications	
Beam diameter	189mm
Working distance	250-500mm
Outer diameter	203mm
Length	472.6mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

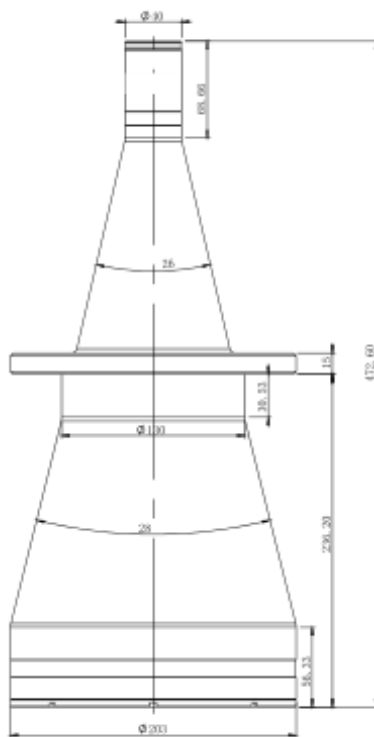
Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The parallel-light mechanical table and labeled drawings contain different lengths. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-189R/G/B/W dimension drawing (mm)

PMS-LTD-189R/G/B/W



PMS-LTD-265R/G/B/W

Parallel Illumination

PMS-LTD-265R/G/B/W parallel illumination. Beam diameter: 265mm.
Telecentric LED backlighting for high-contrast edges and profile measurement.



Model specifications	
Beam diameter	265mm
Working distance	150-500mm
Outer diameter	275mm
Length	609mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

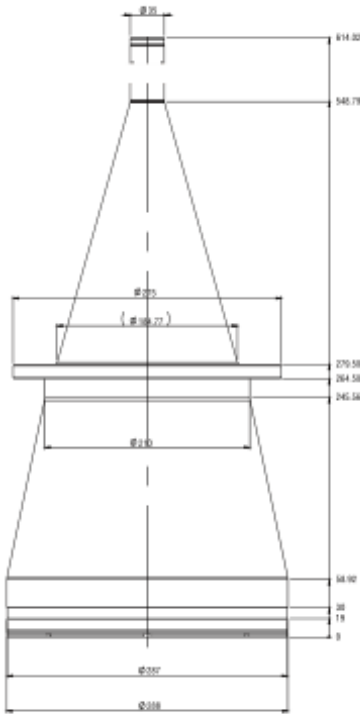
Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The parallel-light mechanical table and labeled drawings contain different lengths. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-265R/G/B/W dimension drawing (mm)

PMS-LTD-265R/G/B/W



PMS-LTD-30LR/G/B/W

Compact Parallel Illumination

PMS-LTD-30LR/G/B/W compact parallel illumination. Beam diameter: 30mm. Folded parallel backlights for telecentric inspection where installation space is limited.



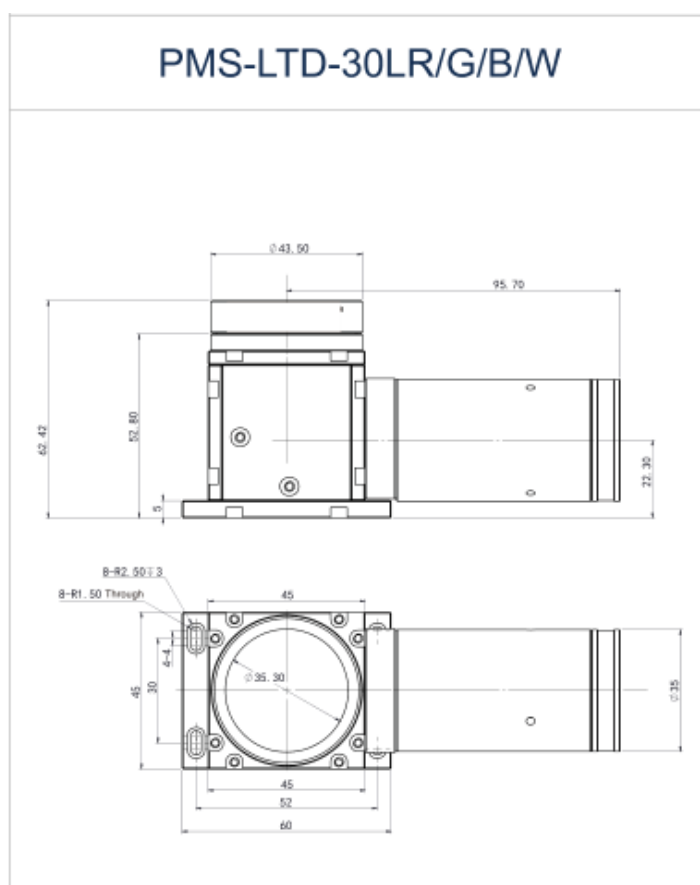
Model specifications	
Beam diameter	30mm
Working distance	45-90mm
Length	121.16mm
Width	121.16mm
Thickness	62.39mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The compact-parallel mechanical table and labeled drawings contain different dimensions. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-30LR/G/B/W



PMS-LTD-60LR/G/B/W

Compact Parallel Illumination

PMS-LTD-60LR/G/B/W compact parallel illumination. Beam diameter: 60mm. Folded parallel backlights for telecentric inspection where installation space is limited.



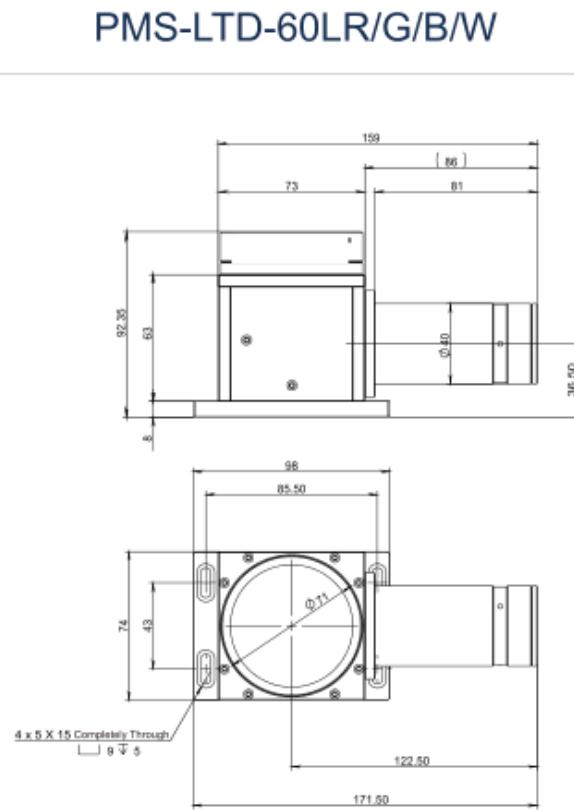
Model specifications	
Beam diameter	60mm
Working distance	90-180mm
Length	171.5mm
Width	180mm
Thickness	92mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The compact-parallel mechanical table and labeled drawings contain different dimensions. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-60LR/G/B/W dimension drawing (mm)



PMS-LTD-100LR/G/B/W

Compact Parallel Illumination

PMS-LTD-100LR/G/B/W compact parallel illumination. Beam diameter: 100mm. Folded parallel backlights for telecentric inspection where installation space is limited.



Model specifications	
Beam diameter	100mm
Working distance	150-300mm
Length	235.5mm
Width	276mm
Thickness	147.5mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

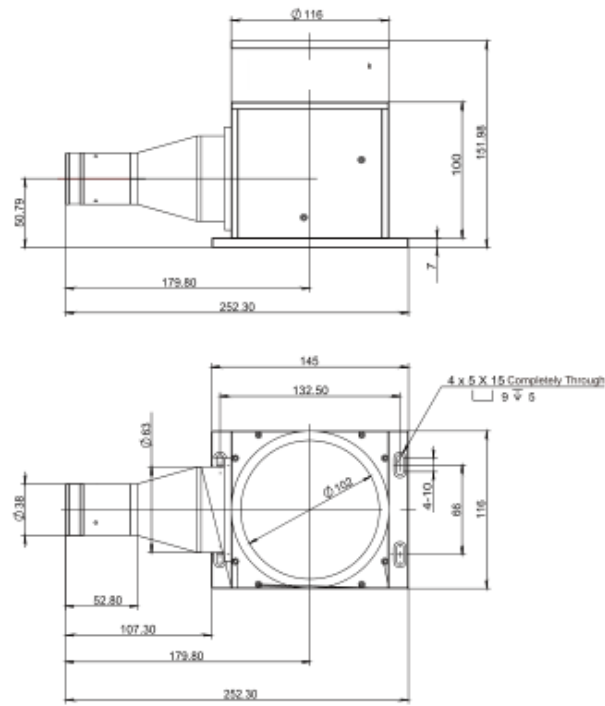
Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The compact-parallel mechanical table and labeled drawings contain different dimensions. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-100LR/G/B/W dimension drawing (mm)

PMS-LTD-100LR/G/B/W



PMS-LTD-145LR/G/B/W

Compact Parallel Illumination

PMS-LTD-145LR/G/B/W compact parallel illumination. Beam diameter: 145mm. Folded parallel backlights for telecentric inspection where installation space is limited.



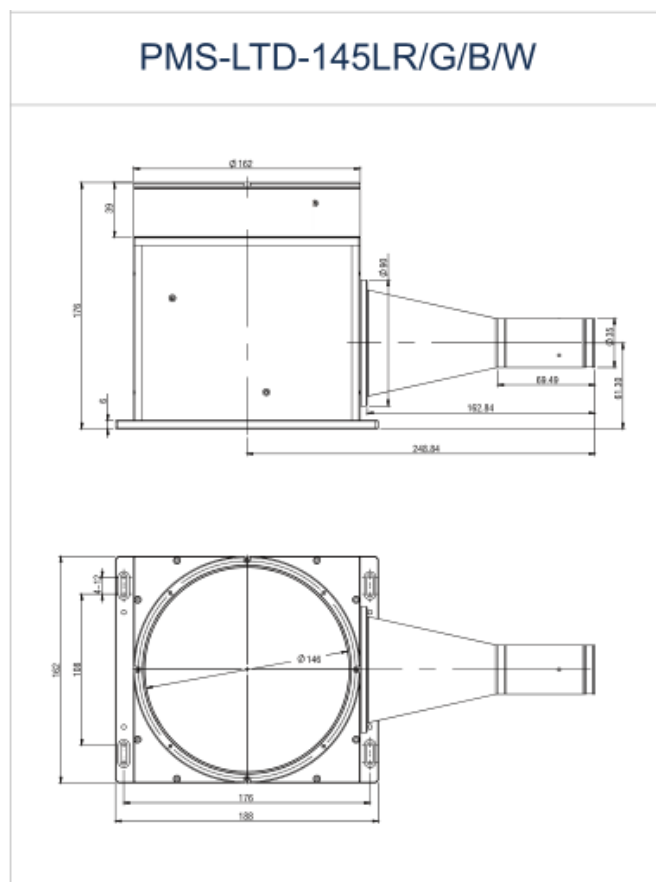
Model specifications	
Beam diameter	145mm
Working distance	100-300mm
Length	325mm
Width	358mm
Thickness	176mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The compact-parallel mechanical table and labeled drawings contain different dimensions. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-145LR/G/B/W dimension drawing (mm)



PMS-LTD-189LR/G/B/W

Compact Parallel Illumination

PMS-LTD-189LR/G/B/W compact parallel illumination. Beam diameter: 189mm.
Folded parallel backlights for telecentric inspection where installation space is limited.



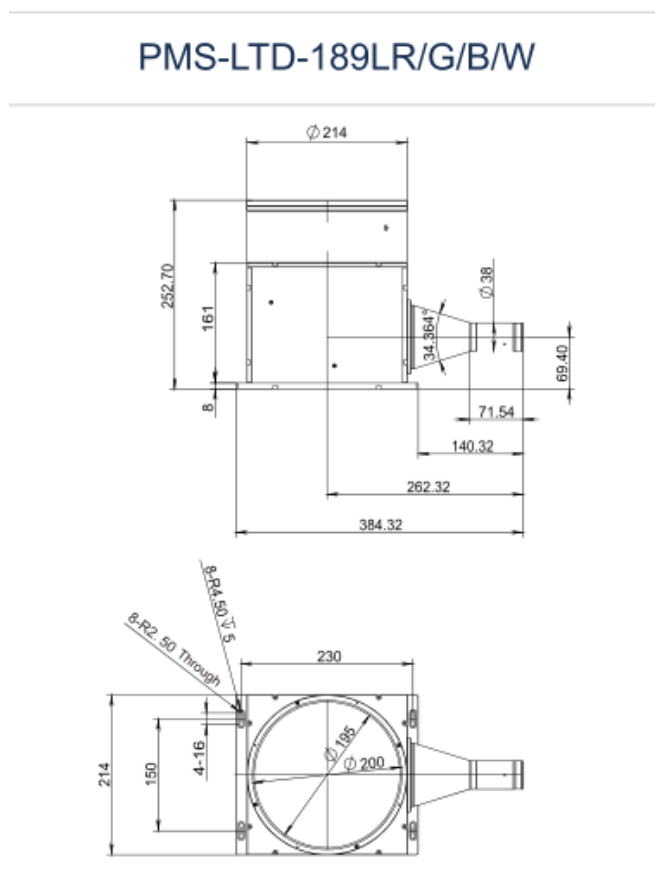
Model specifications	
Beam diameter	189mm
Working distance	250-500mm
Length	356mm
Width	472.6mm
Thickness	252mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The compact-parallel mechanical table and labeled drawings contain different dimensions. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-189LR/G/B/W dimension drawing (mm)



PMS-LTD-265LR/G/B/W

Compact Parallel Illumination

PMS-LTD-265LR/G/B/W compact parallel illumination. Beam diameter: 265mm. Folded parallel backlights for telecentric inspection where installation space is limited.



Model specifications	
Beam diameter	265mm
Working distance	150-500mm
Length	438.26mm
Width	609mm
Thickness	337.5mm
Forward voltage	3.5V
Forward current	350mA
Available colors	Red / Green / Blue / White

Specification notes

The series introduction says 35–265 mm aperture; the model table specifies 30–265 mm beam diameter. The model-specific table values are retained.

The compact-parallel mechanical table and labeled drawings contain different dimensions. The table values are retained as published; confirm the installation envelope against the selected model drawing.

PMS-LTD-265LR/G/B/W



PMS-RL42-65-IR850/940

Infrared Illumination

PMS-RL42-65-IR850/940 infrared illumination. Diameter: $\varnothing 42\text{mm}$. Near-infrared ring, bar, flat, coaxial and point lights for inspection through films and packaging.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 42\text{mm}$
Angle	65°
Luminous area	—
Spectrum	Infrared
Voltage	24V
Power	1.1W
Wavelength options	850/940nm

PMS-RL52-60-IR850/940

Infrared Illumination

PMS-RL52-60-IR850/940 infrared illumination. Diameter: $\varnothing 52\text{mm}$. Near-infrared ring, bar, flat, coaxial and point lights for inspection through films and packaging.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 52\text{mm}$
Angle	60°
Luminous area	—
Spectrum	Infrared
Voltage	24V
Power	1.3W
Wavelength options	850/940nm

PMS-RL73-90-IR850/940

Infrared Illumination

PMS-RL73-90-IR850/940 infrared illumination. Diameter: $\varnothing 73\text{mm}$. Near-infrared ring, bar, flat, coaxial and point lights for inspection through films and packaging.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 73\text{mm}$
Angle	90°
Luminous area	—
Spectrum	Infrared
Voltage	24V
Power	2.4W
Wavelength options	850/940nm

PMS-RL74-60-IR850/940

Infrared Illumination

PMS-RL74-60-IR850/940 infrared illumination. Diameter: $\varnothing 74\text{mm}$. Near-infrared ring, bar, flat, coaxial and point lights for inspection through films and packaging.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 74\text{mm}$
Angle	60°
Luminous area	—
Spectrum	Infrared
Voltage	24V
Power	2.4W
Wavelength options	850/940nm

PMS-RL74-30-IR850/940

Infrared Illumination

PMS-RL74-30-IR850/940 infrared illumination. Diameter: $\varnothing 74\text{mm}$. Near-infrared ring, bar, flat, coaxial and point lights for inspection through films and packaging.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 74\text{mm}$
Angle	30°
Luminous area	—
Spectrum	Infrared
Voltage	24V
Power	1.7W
Wavelength options	850/940nm

PMS-RL90-70-IR850/940

Infrared Illumination

PMS-RL90-70-IR850/940 infrared illumination. Diameter: $\varnothing 90\text{mm}$. Near-infrared ring, bar, flat, coaxial and point lights for inspection through films and packaging.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 90\text{mm}$
Angle	70°
Luminous area	—
Spectrum	Infrared
Voltage	24V
Power	4.1W
Wavelength options	850/940nm

PMS-RL90-30-IR850/940

Infrared Illumination

PMS-RL90-30-IR850/940 infrared illumination. Diameter: $\varnothing 90\text{mm}$. Near-infrared ring, bar, flat, coaxial and point lights for inspection through films and packaging.



Model specifications	
Light form	Ring
Outer diameter	$\varnothing 90\text{mm}$
Angle	30°
Luminous area	—
Spectrum	Infrared
Voltage	24V
Power	3.4W
Wavelength options	850/940nm

PMS-GBRL-54X18-IR850/940

Infrared Illumination

PMS-GBRL-54X18-IR850/940 infrared illumination. Luminous area:
54mm×18mm. Near-infrared ring, bar, flat, coaxial and point lights for inspection
through films and packaging.



Model specifications	
Light form	Bar
Outer diameter	—
Angle	—
Luminous area	54mm×18mm
Spectrum	Infrared
Voltage	24V
Power	0.8W
Wavelength options	850/940nm

PMS-GBRL-86X29-IR850/940

Infrared Illumination

PMS-GBRL-86X29-IR850/940 infrared illumination. Luminous area:
86mm×29mm. Near-infrared ring, bar, flat, coaxial and point lights for inspection
through films and packaging.



Model specifications	
Light form	Bar
Outer diameter	—
Angle	—
Luminous area	86mm×29mm
Spectrum	Infrared
Voltage	24V
Power	2.4W
Wavelength options	850/940nm

PMS-GBRL-90X19-IR850/940

Infrared Illumination

PMS-GBRL-90X19-IR850/940 infrared illumination. Luminous area:
90mm×19mm. Near-infrared ring, bar, flat, coaxial and point lights for inspection
through films and packaging.



Model specifications	
Light form	Bar
Outer diameter	—
Angle	—
Luminous area	90mm×19mm
Spectrum	Infrared
Voltage	24V
Power	1.6W
Wavelength options	850/940nm

PMS-BKL-48X28-IR850/940

Infrared Illumination

PMS-BKL-48X28-IR850/940 infrared illumination. Luminous area: 48mm×28mm.
Near-infrared ring, bar, flat, coaxial and point lights for inspection through films
and packaging.



Model specifications	
Light form	Flat
Outer diameter	—
Angle	—
Luminous area	48mm×28mm
Spectrum	Infrared
Voltage	24V
Power	1.6W
Wavelength options	850/940nm

PMS-BKL-50X50-IR850/940

Infrared Illumination

PMS-BKL-50X50-IR850/940 infrared illumination. Luminous area: 50mm×50mm.
Near-infrared ring, bar, flat, coaxial and point lights for inspection through films
and packaging.



Model specifications	
Light form	Flat
Outer diameter	—
Angle	—
Luminous area	50mm×50mm
Spectrum	Infrared
Voltage	24V
Power	6W
Wavelength options	850/940nm

PMS-GCOL-40-IR850/940

Infrared Illumination

PMS-GCOL-40-IR850/940 infrared illumination. Luminous area: 40mm×40mm.
Near-infrared ring, bar, flat, coaxial and point lights for inspection through films
and packaging.



Model specifications	
Light form	Coaxial
Outer diameter	—
Angle	—
Luminous area	40mm×40mm
Spectrum	Infrared
Voltage	24V
Power	2W
Wavelength options	850/940nm

PMS-GCOL-60-IR850/940

Infrared Illumination

PMS-GCOL-60-IR850/940 infrared illumination. Luminous area: 60mm×60mm.
Near-infrared ring, bar, flat, coaxial and point lights for inspection through films
and packaging.



Model specifications	
Light form	Coaxial
Outer diameter	—
Angle	—
Luminous area	60mm×60mm
Spectrum	Infrared
Voltage	24V
Power	2.9W
Wavelength options	850/940nm

PMS-GPI-0803-IR850/940

Infrared Illumination

PMS-GPI-0803-IR850/940 infrared illumination. Diameter: $\varnothing 8\text{mm}$. Near-infrared ring, bar, flat, coaxial and point lights for inspection through films and packaging.



Model specifications	
Light form	Point
Outer diameter	$\varnothing 8\text{mm}$
Angle	—
Luminous area	—
Spectrum	Infrared
Voltage	5V
Power	3W
Wavelength options	850/940nm

PMS-BHL-27X27R/W/B

Parallel Flat Illumination

PMS-BHL-27X27R/W/B parallel flat illumination. Luminous area: 27mm×27mm. Directional flat backlighting for contours, dimensions and defects in transparent objects.



Model specifications	
Luminous area	27mm×27mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	Not established (source entry: 24V)	625nm
White	24V	Not established (source entry: 24V)	6500K
Blue	24V	Not established (source entry: 24V)	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

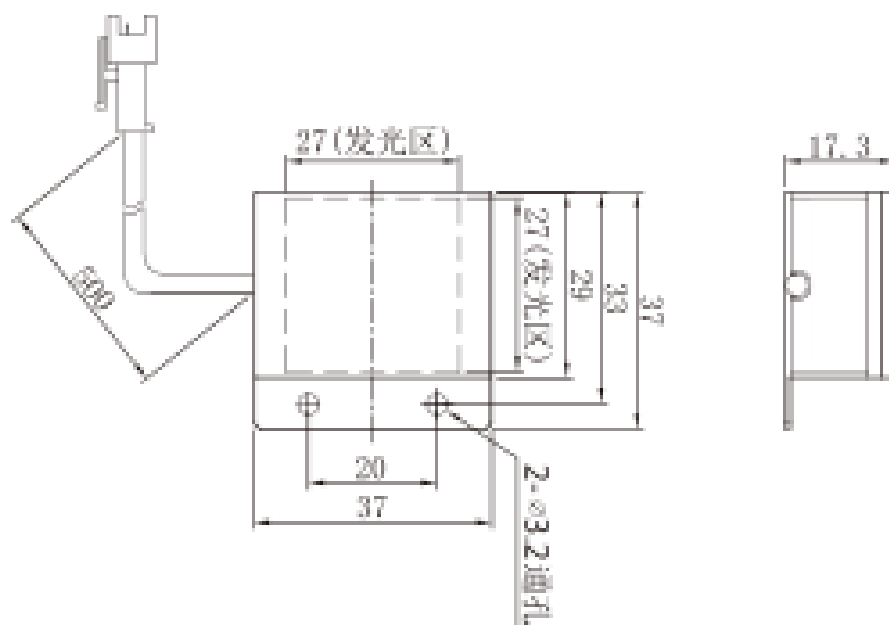
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source model table prints “24V” in the Power column for every color. This is retained as a source entry, but does not establish a wattage rating.

PMS-BHL-27X27R/W/B dimension drawing (mm)

PMS-BHL-27X27R/W/B



PMS-BHL-48X28R/W/B

Parallel Flat Illumination

PMS-BHL-48X28R/W/B parallel flat illumination. Luminous area: 48mm×28mm. Directional flat backlighting for contours, dimensions and defects in transparent objects.



Model specifications	
Luminous area	48mm×28mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	Not established (source entry: 24V)	625nm
White	24V	Not established (source entry: 24V)	6500K
Blue	24V	Not established (source entry: 24V)	470nm

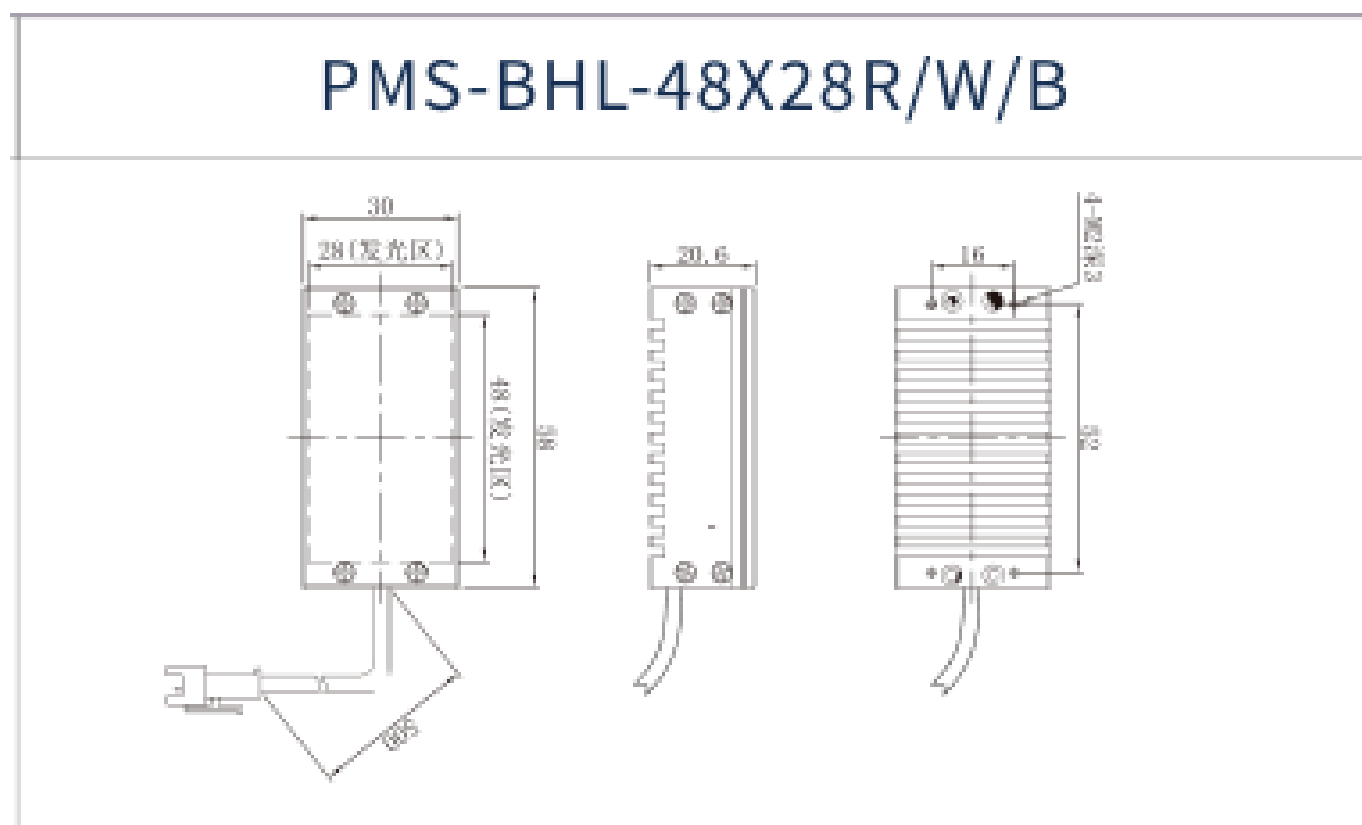
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source model table prints “24V” in the Power column for every color. This is retained as a source entry, but does not establish a wattage rating.

PMS-BHL-48X28R/W/B dimension drawing (mm)



PMS-BHL-50X50R/W/B

Parallel Flat Illumination

PMS-BHL-50X50R/W/B parallel flat illumination. Luminous area: 50mm×50mm. Directional flat backlighting for contours, dimensions and defects in transparent objects.



Model specifications	
Luminous area	50mm×50mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	Not established (source entry: 24V)	625nm
White	24V	Not established (source entry: 24V)	6500K
Blue	24V	Not established (source entry: 24V)	470nm

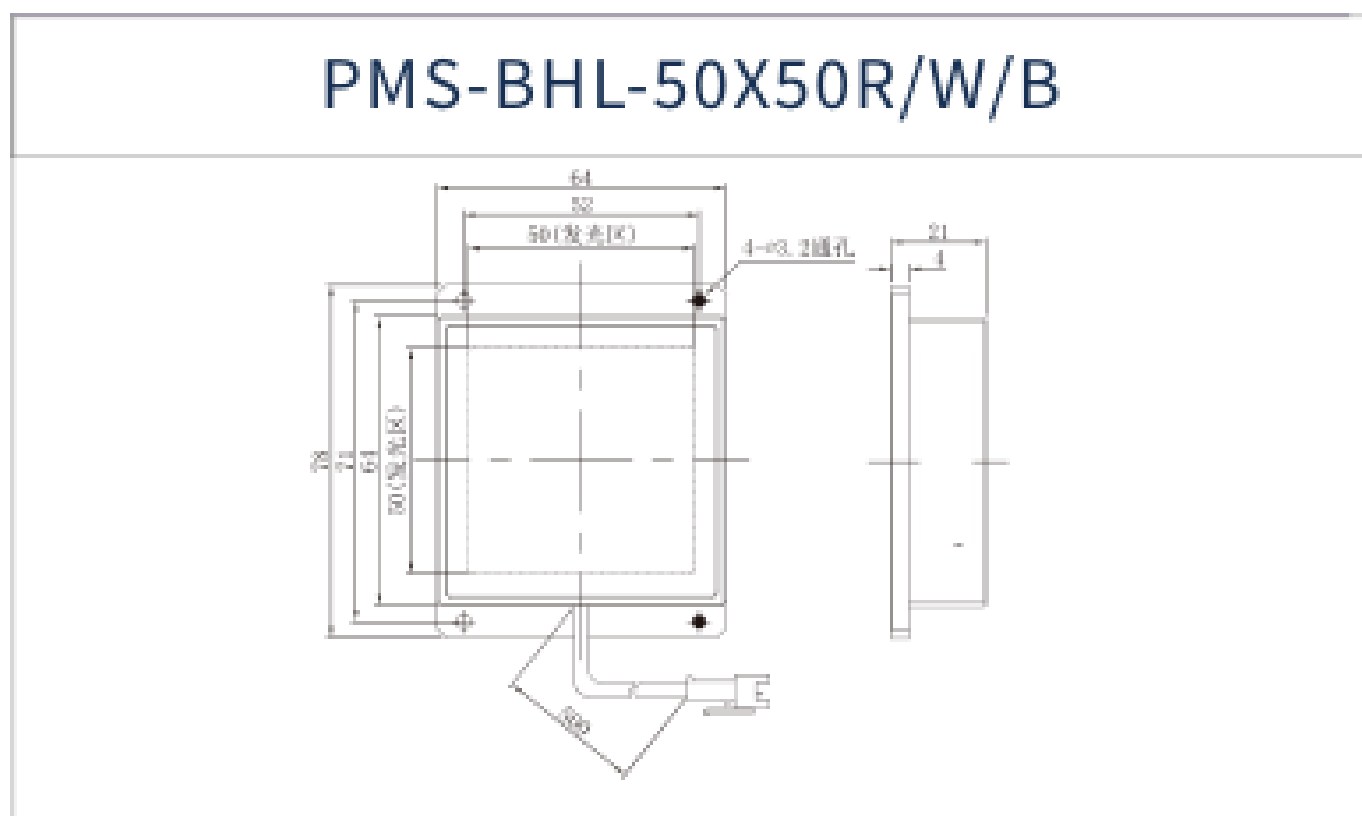
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source model table prints “24V” in the Power column for every color. This is retained as a source entry, but does not establish a wattage rating.

PMS-BHL-50X50R/W/B dimension drawing (mm)



PMS-BHL-70X70R/W/B

Parallel Flat Illumination

PMS-BHL-70X70R/W/B parallel flat illumination. Luminous area: 70mm×70mm. Directional flat backlighting for contours, dimensions and defects in transparent objects.



Model specifications	
Luminous area	70mm×70mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	Not established (source entry: 24V)	625nm
White	24V	Not established (source entry: 24V)	6500K
Blue	24V	Not established (source entry: 24V)	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

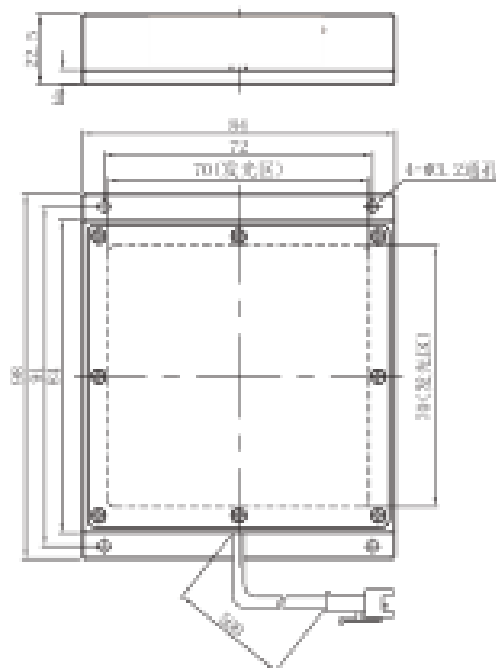
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source model table prints “24V” in the Power column for every color. This is retained as a source entry, but does not establish a wattage rating.

PMS-BHL-70X70R/W/B dimension drawing (mm)

PMS-BHL-70X70R/W/B



PMS-BHL-100X100R/W/B

Parallel Flat Illumination

PMS-BHL-100X100R/W/B parallel flat illumination. Luminous area: 100mm×100mm. Directional flat backlighting for contours, dimensions and defects in transparent objects.



Model specifications	
Luminous area	100mm×100mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	Not established (source entry: 24V)	625nm
White	24V	Not established (source entry: 24V)	6500K
Blue	24V	Not established (source entry: 24V)	470nm

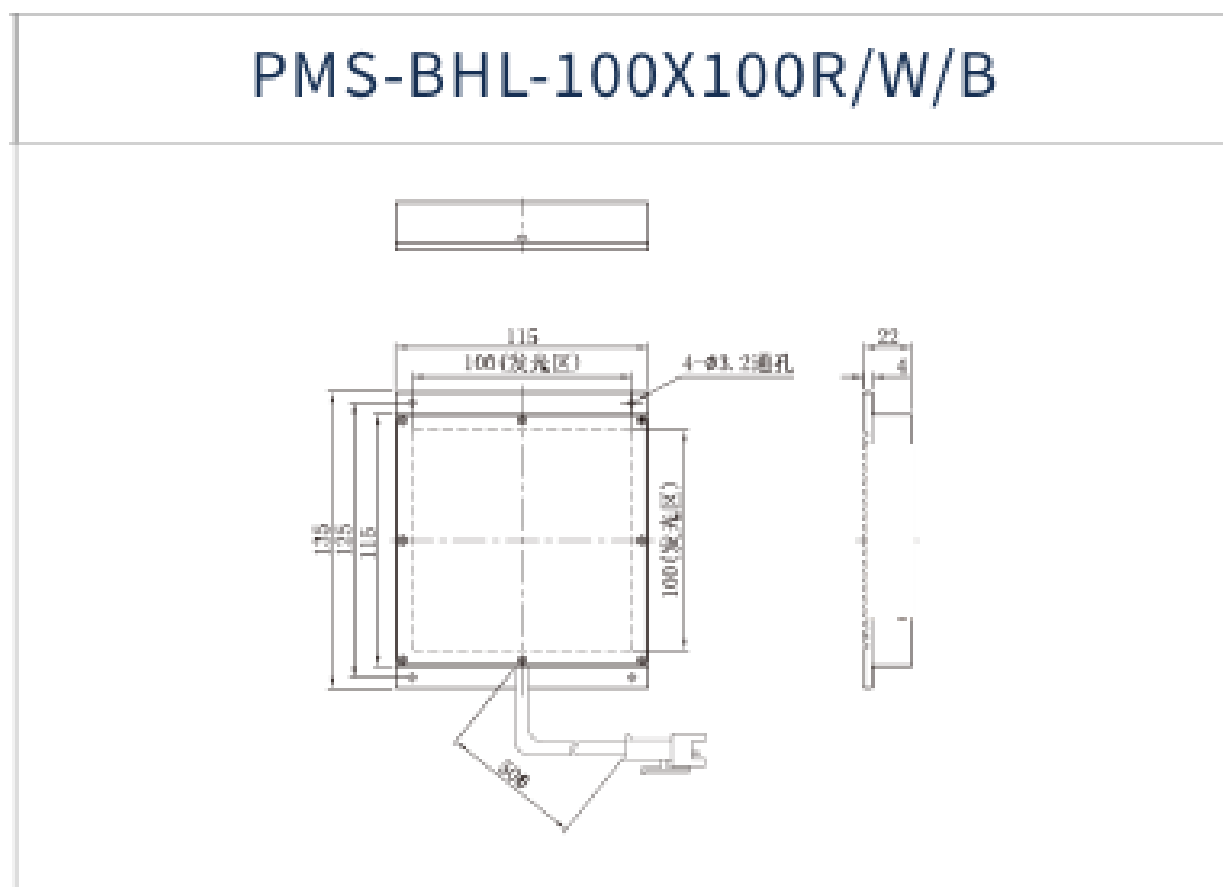
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source model table prints “24V” in the Power column for every color. This is retained as a source entry, but does not establish a wattage rating.

PMS-BHL-100X100R/W/B dimension drawing (mm)



PMS-BHL-150X150R/W/B

Parallel Flat Illumination

PMS-BHL-150X150R/W/B parallel flat illumination. Luminous area: 150mm×150mm. Directional flat backlighting for contours, dimensions and defects in transparent objects.



Model specifications	
Luminous area	150mm×150mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	Not established (source entry: 24V)	625nm
White	24V	Not established (source entry: 24V)	6500K
Blue	24V	Not established (source entry: 24V)	470nm

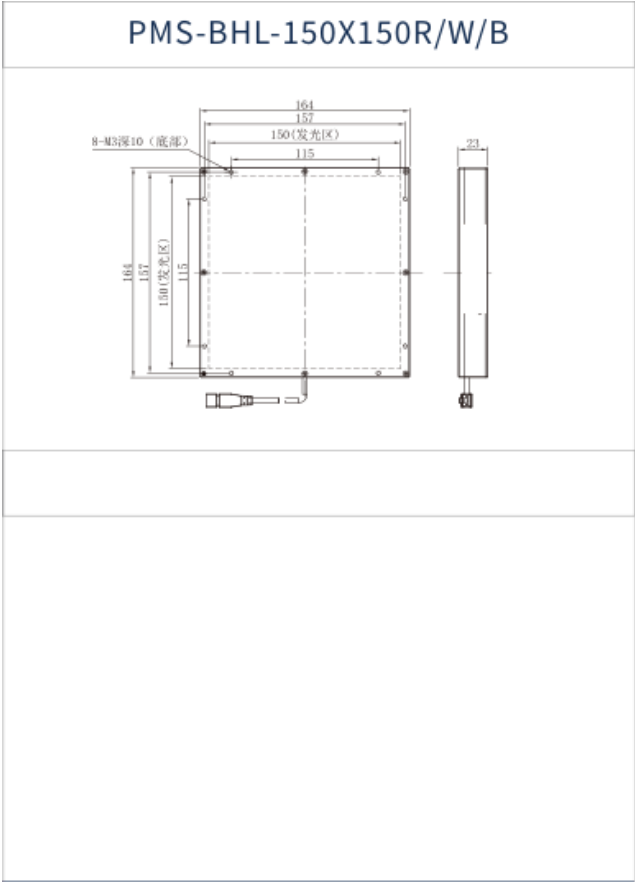
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source model table prints “24V” in the Power column for every color. This is retained as a source entry, but does not establish a wattage rating.

PMS-BHL-150X150R/W/B dimension drawing (mm)



PMS-BHL-150X100R/W/B

Parallel Flat Illumination

PMS-BHL-150X100R/W/B parallel flat illumination. Luminous area: 150mm × 100mm. Directional flat backlighting for contours, dimensions and defects in transparent objects.



Model specifications	
Luminous area	150mm × 100mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	Not established (source entry: 24V)	625nm
White	24V	Not established (source entry: 24V)	6500K
Blue	24V	Not established (source entry: 24V)	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

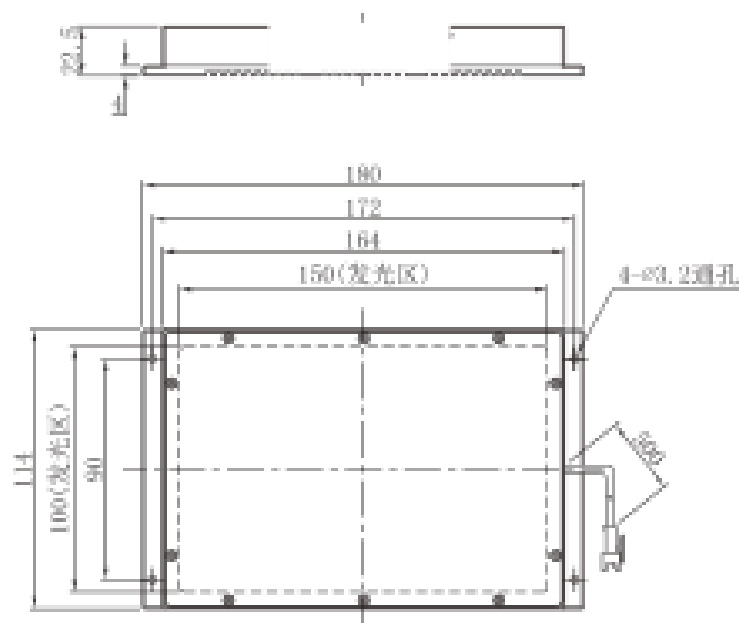
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source model table prints “24V” in the Power column for every color. This is retained as a source entry, but does not establish a wattage rating.

PMS-BHL-150X100R/W/B dimension drawing (mm)

PMS-BHL-150X100R/W/B



PMS-BHL-200X200R/W/B

Parallel Flat Illumination

PMS-BHL-200X200R/W/B parallel flat illumination. Luminous area: 200mm × 200mm. Directional flat backlighting for contours, dimensions and defects in transparent objects.



Model specifications	
Luminous area	200mm × 200mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	Not established (source entry: 24V)	625nm
White	24V	Not established (source entry: 24V)	6500K
Blue	24V	Not established (source entry: 24V)	470nm

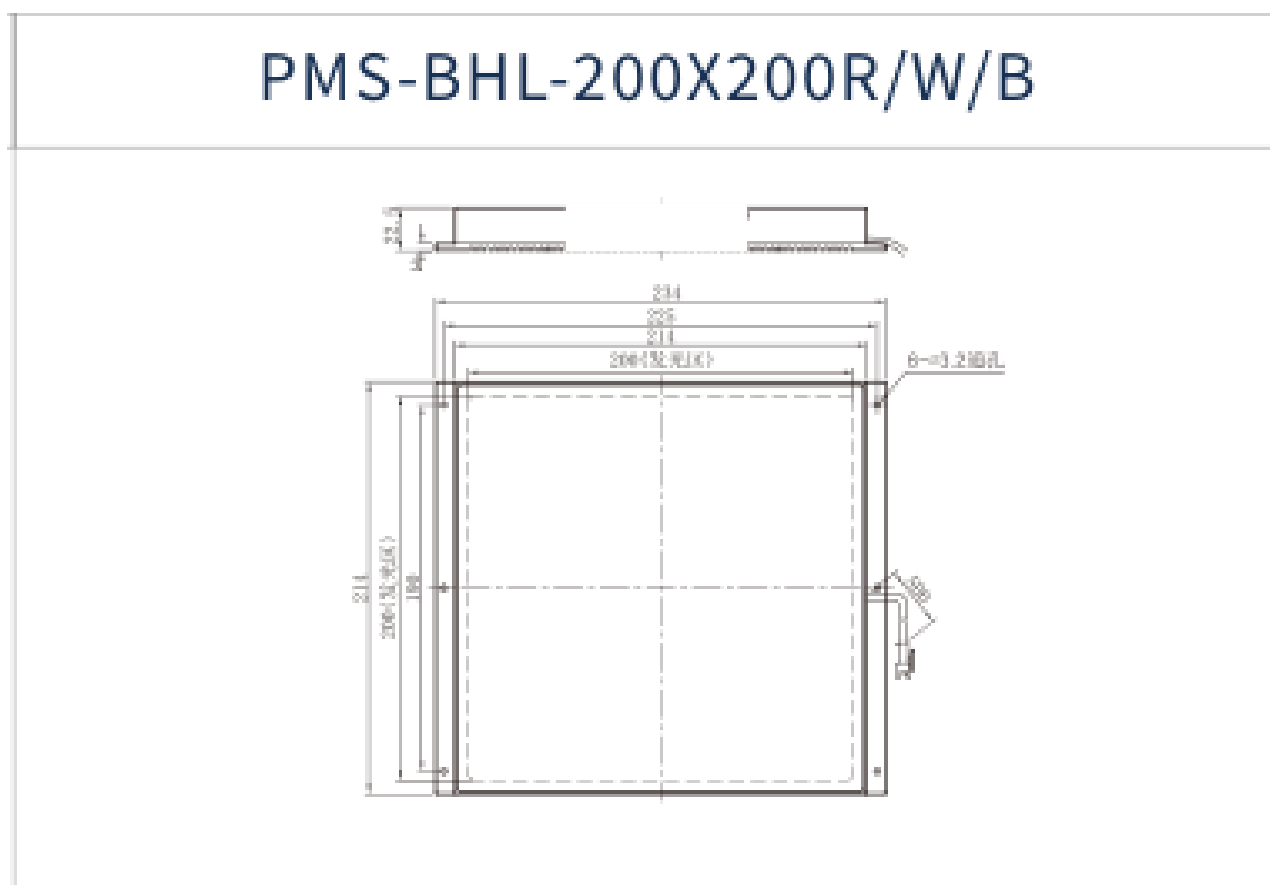
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

The source model table prints “24V” in the Power column for every color. This is retained as a source entry, but does not establish a wattage rating.

PMS-BHL-200X200R/W/B dimension drawing (mm)



PMS-BKL-200X250R/W/B

Flat Illumination

PMS-BKL-200X250R/W/B flat illumination. Luminous area: 200mm × 250mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	200mm × 250mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	27W	625nm
White	24V	40W	6500K
Blue	24V	40W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-200X300R/W/B

Flat Illumination

PMS-BKL-200X300R/W/B flat illumination. Luminous area: 200mm × 300mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	200mm × 300mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	32W	625nm
White	24V	48W	6500K
Blue	24V	48W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-200X350R/W/B

Flat Illumination

PMS-BKL-200X350R/W/B flat illumination. Luminous area: 200mm × 350mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	200mm × 350mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	37W	625nm
White	24V	56W	6500K
Blue	24V	56W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-200X400R/W/B

Flat Illumination

PMS-BKL-200X400R/W/B flat illumination. Luminous area: 200mm × 400mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	200mm × 400mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	43W	625nm
White	24V	64W	6500K
Blue	24V	64W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-250X250R/W/B

Flat Illumination

PMS-BKL-250X250R/W/B flat illumination. Luminous area: 250mm × 250mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	250mm × 250mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	33W	625nm
White	24V	50W	6500K
Blue	24V	50W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-250X300R/W/B

Flat Illumination

PMS-BKL-250X300R/W/B flat illumination. Luminous area: 250mm × 300mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	250mm × 300mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	40W	625nm
White	24V	60W	6500K
Blue	24V	60W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-250X350R/W/B

Flat Illumination

PMS-BKL-250X350R/W/B flat illumination. Luminous area: 250mm × 350mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	250mm × 350mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	47W	625nm
White	24V	70W	6500K
Blue	24V	70W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-250X400R/W/B

Flat Illumination

PMS-BKL-250X400R/W/B flat illumination. Luminous area: 250mm × 400mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	250mm × 400mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	53W	625nm
White	24V	80W	6500K
Blue	24V	80W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-300X300R/W/B

Flat Illumination

PMS-BKL-300X300R/W/B flat illumination. Luminous area: 300mm× 300mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	300mm× 300mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	48W	625nm
White	24V	72W	6500K
Blue	24V	72W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-300X350R/W/B

Flat Illumination

PMS-BKL-300X350R/W/B flat illumination. Luminous area: 300mm × 350mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	300mm × 350mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	56W	625nm
White	24V	84W	6500K
Blue	24V	84W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-300X400R/W/B

Flat Illumination

PMS-BKL-300X400R/W/B flat illumination. Luminous area: 300mm × 400mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	300mm × 400mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	64W	625nm
White	24V	96W	6500K
Blue	24V	96W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-27X27R/W/B

Flat Illumination

PMS-BKL-27X27R/W/B flat illumination. Luminous area: 27mm×27mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	27mm×27mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	0.8W	625nm
White	24V	1.2W	6500K
Blue	24V	1.2W	470nm

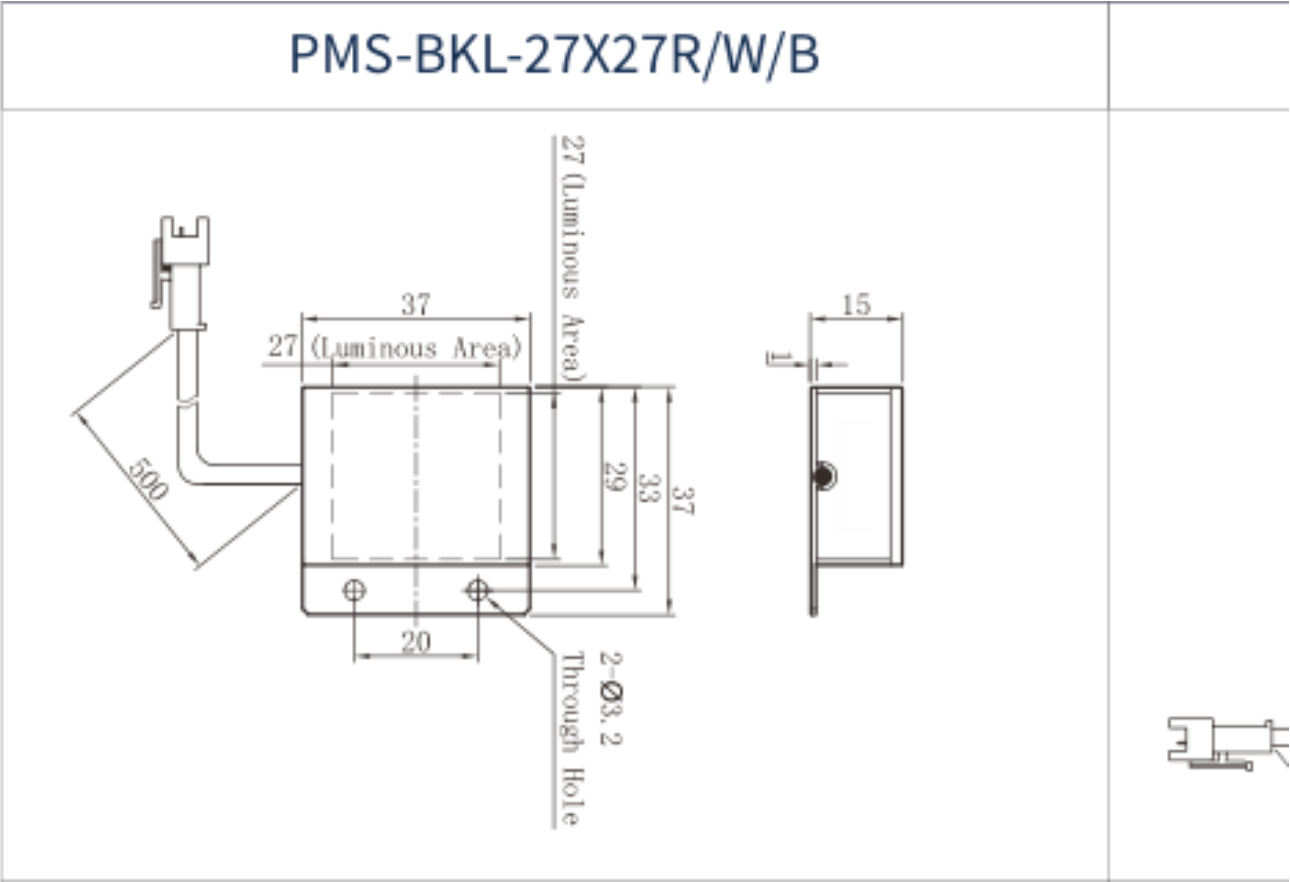
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.



PMS-BKL-27X27R/W/B dimension drawing (mm)



PMS-BKL-48X28R/W/B

Flat Illumination

PMS-BKL-48X28R/W/B flat illumination. Luminous area: 48mm×28mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	48mm×28mm
Available colors	Red / White / Blue

Published color configurations

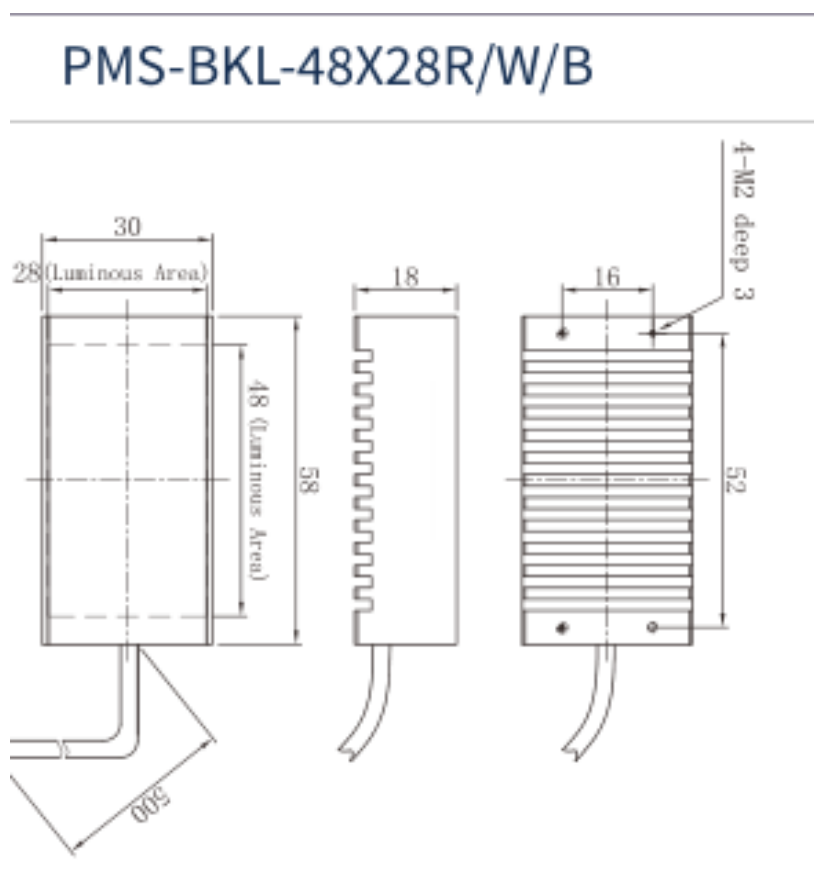
Color	Voltage	Power	Wavelength / CT
Red	24V	1.6W	625nm
White	24V	2.4W	6500K
Blue	24V	2.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-48X28R/W/B dimension drawing (mm)



PMS-BKL-50X50R/W/B

Flat Illumination

PMS-BKL-50X50R/W/B flat illumination. Luminous area: 50mm×50mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	50mm×50mm
Available colors	Red / White / Blue

Published color configurations

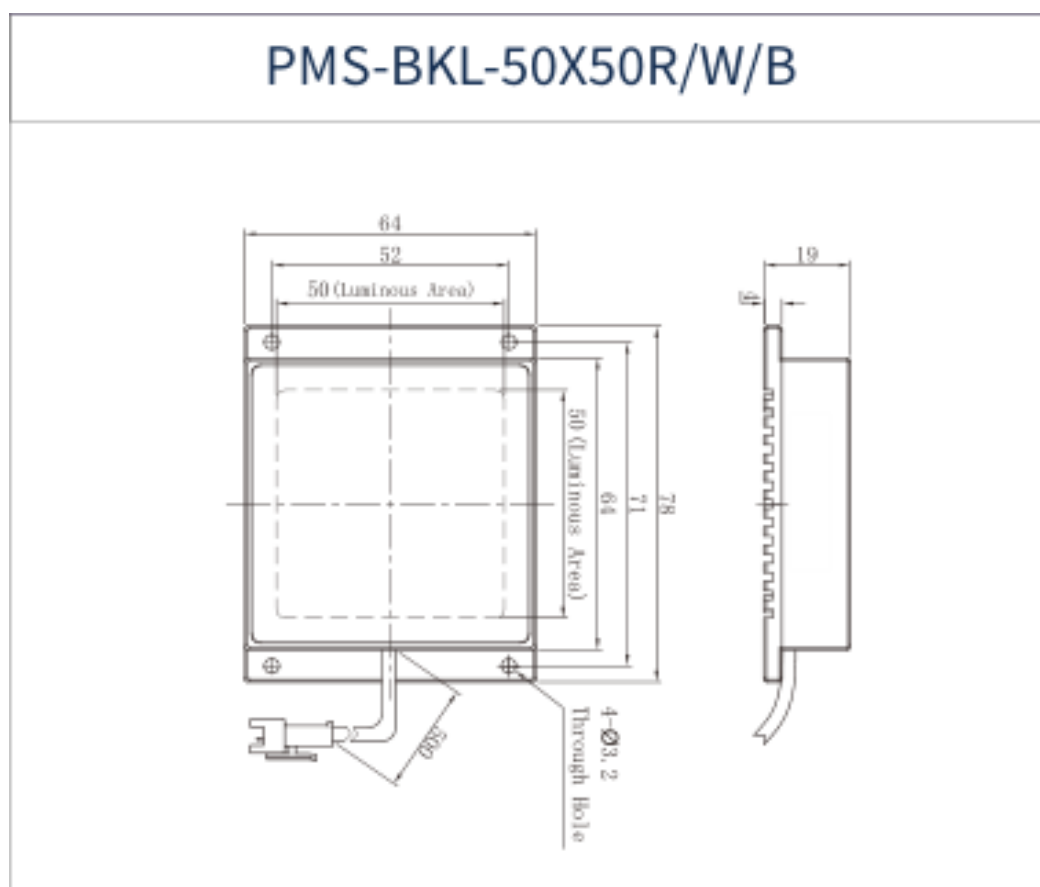
Color	Voltage	Power	Wavelength / CT
Red	24V	2.4W	625nm
White	24V	3.6W	6500K
Blue	24V	3.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-50X50R/W/B dimension drawing (mm)



PMS-BKL-70X70R/W/B

Flat Illumination

PMS-BKL-70X70R/W/B flat illumination. Luminous area: 70mm×70mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	70mm×70mm
Available colors	Red / White / Blue

Published color configurations

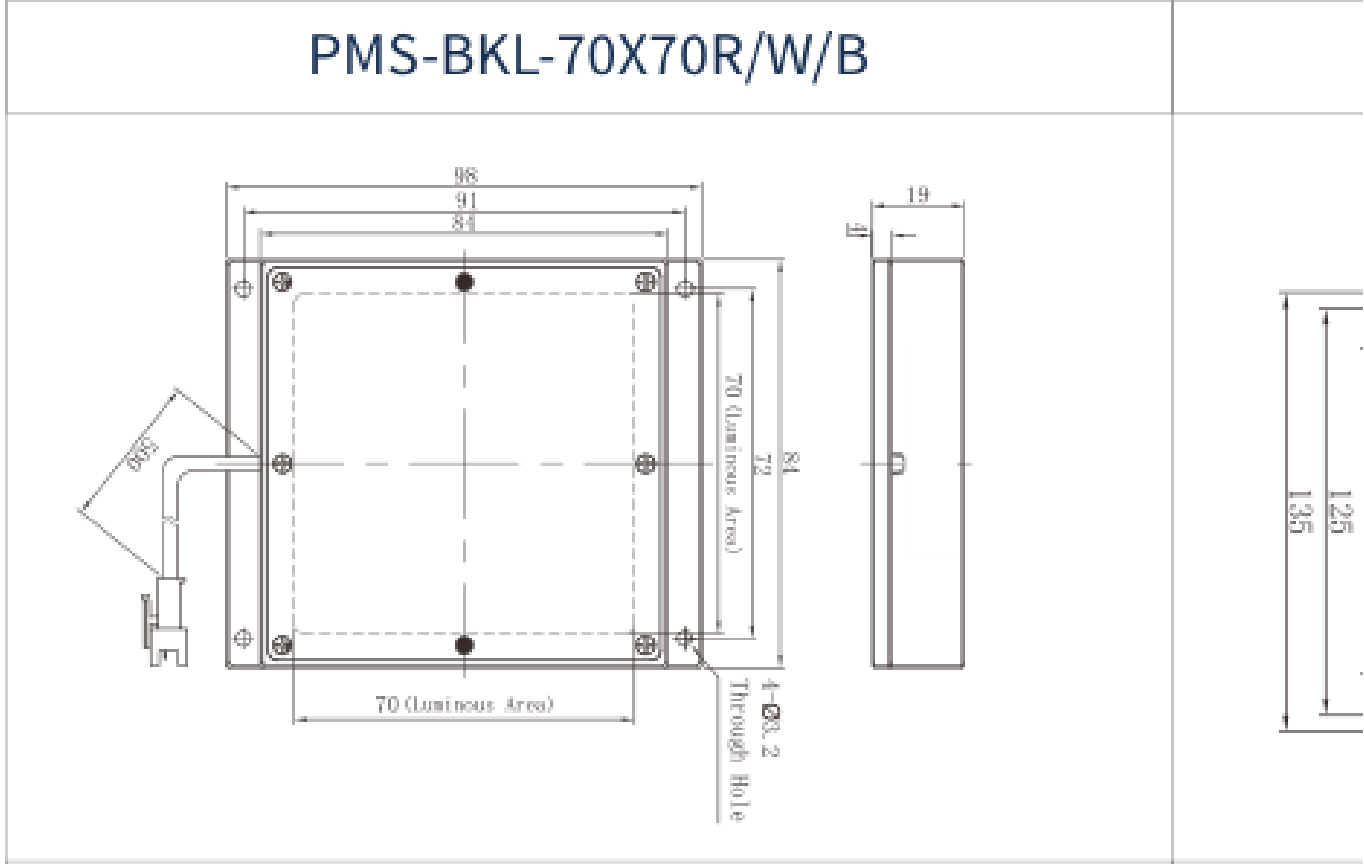
Color	Voltage	Power	Wavelength / CT
Red	24V	4W	625nm
White	24V	6W	6500K
Blue	24V	6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-70X70R/W/B dimension drawing (mm)



PMS-BKL-100X100R/W/B

Flat Illumination

PMS-BKL-100X100R/W/B flat illumination. Luminous area: 100mm×100mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	100mm×100mm
Available colors	Red / White / Blue

Published color configurations

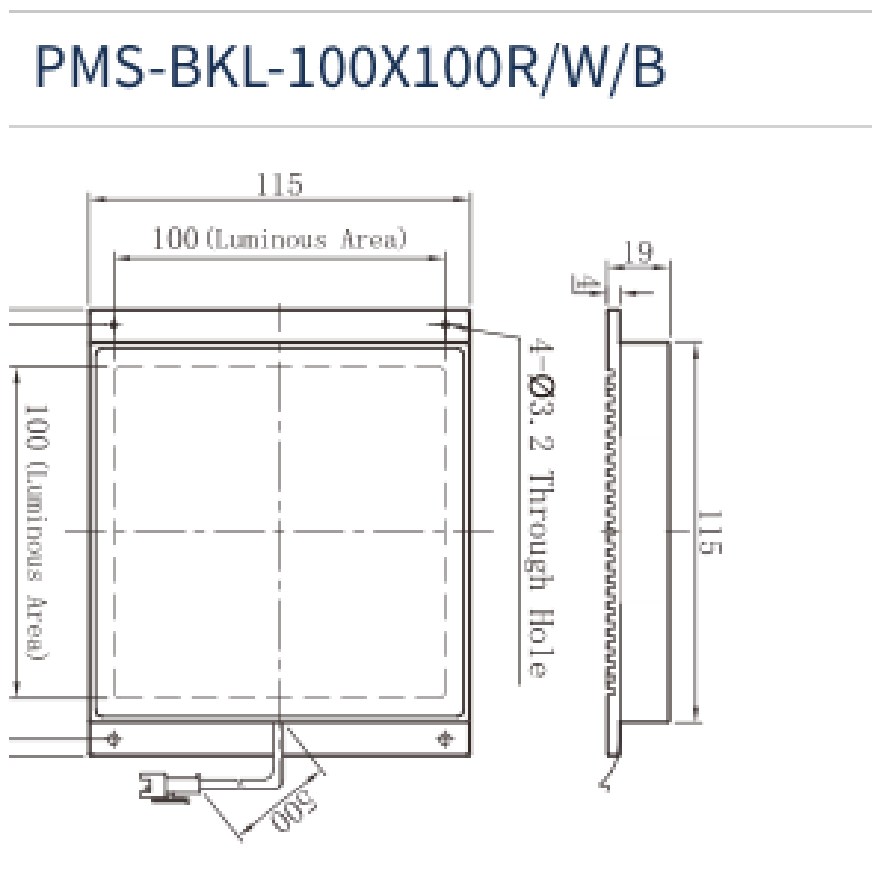
Color	Voltage	Power	Wavelength / CT
Red	24V	5.8W	625nm
White	24V	13W	6500K
Blue	24V	13W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-100X100R/W/B dimension drawing (mm)



PMS-BKL-120X120R/W/B

Flat Illumination

PMS-BKL-120X120R/W/B flat illumination. Luminous area: 120mm×120mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	120mm×120mm
Available colors	Red / White / Blue

Published color configurations

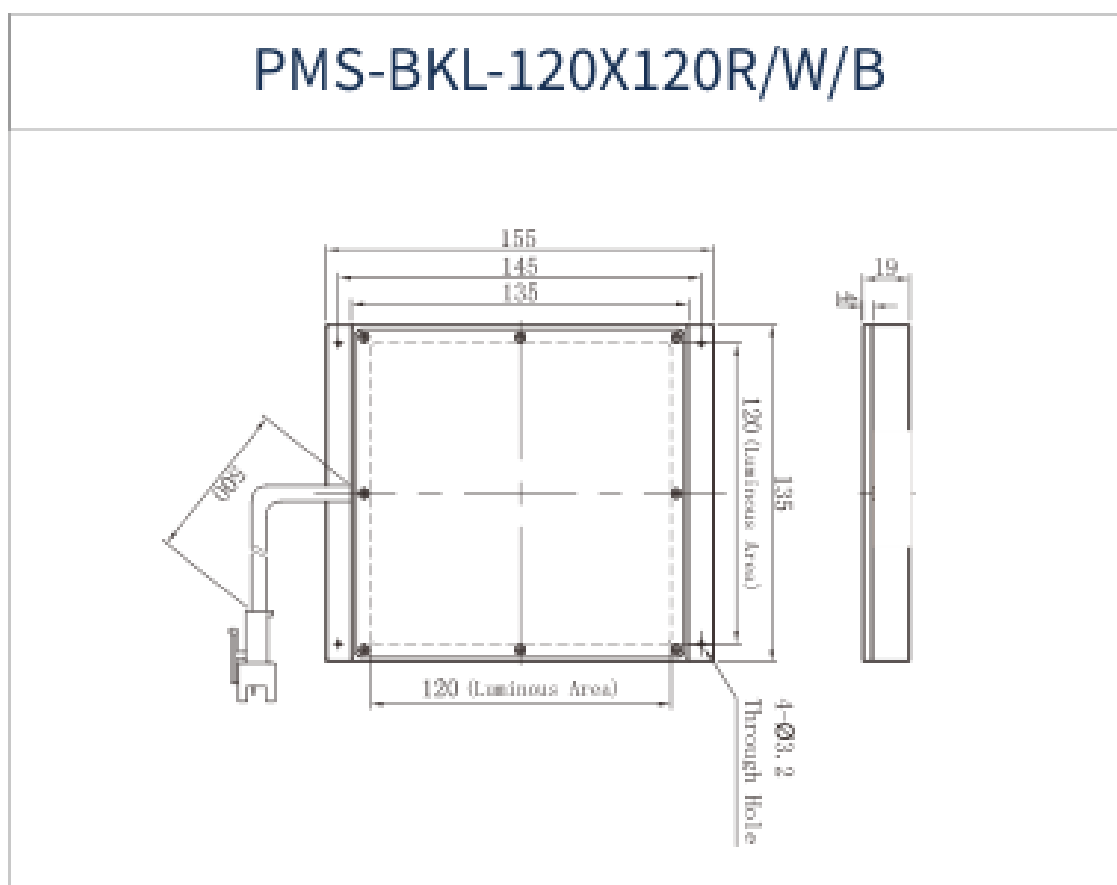
Color	Voltage	Power	Wavelength / CT
Red	24V	8W	625nm
White	24V	11W	6500K
Blue	24V	11W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-120X120R/W/B dimension drawing (mm)



PMS-BKL-150X150R/W/B

Flat Illumination

PMS-BKL-150X150R/W/B flat illumination. Luminous area: 150mm×150mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	150mm×150mm
Available colors	Red / White / Blue

Published color configurations

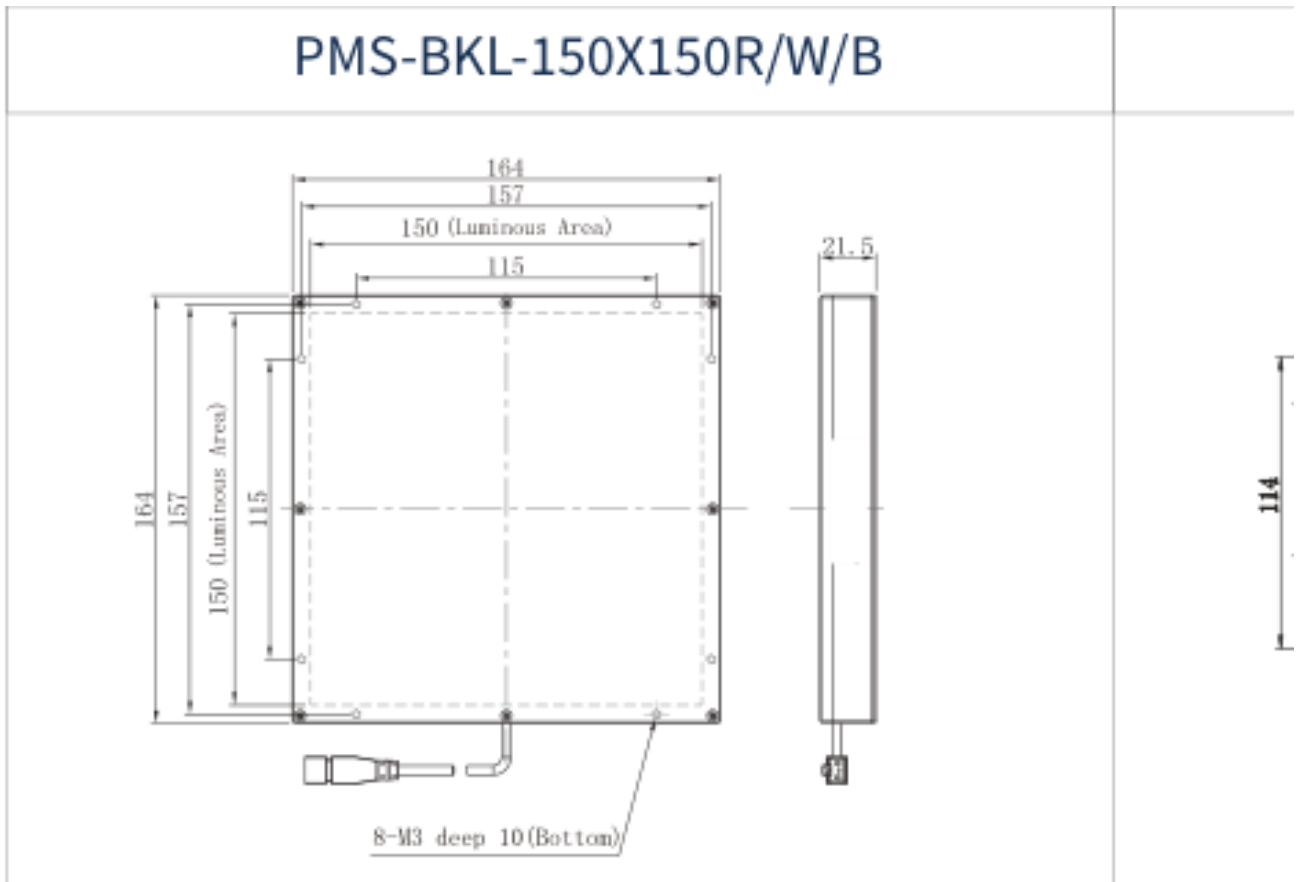
Color	Voltage	Power	Wavelength / CT
Red	24V	12W	625nm
White	24V	19W	6500K
Blue	24V	19W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-150X150R/W/B dimension drawing (mm)



PMS-BKL-150X100R/W/B

Flat Illumination

PMS-BKL-150X100R/W/B flat illumination. Luminous area: 150mm×100mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	150mm×100mm
Available colors	Red / White / Blue

Published color configurations

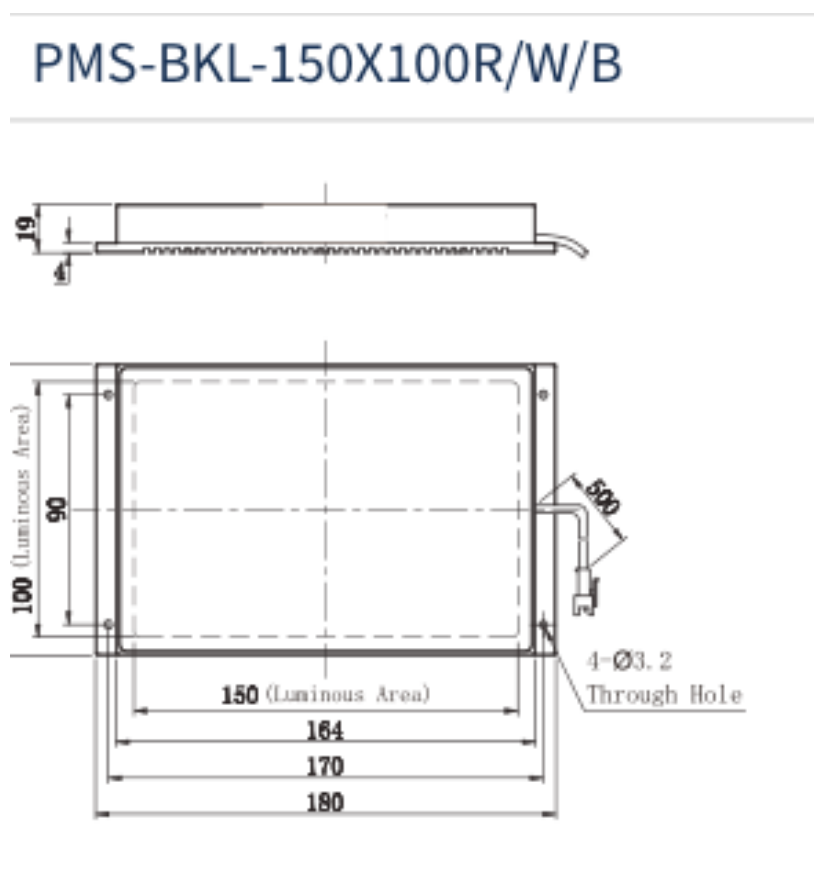
Color	Voltage	Power	Wavelength / CT
Red	24V	8W	625nm
White	24V	13.2W	6500K
Blue	24V	13.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-150X100R/W/B dimension drawing (mm)



PMS-BKL-180X150R/W/B

Flat Illumination

PMS-BKL-180X150R/W/B flat illumination. Luminous area: 180mm×150mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	180mm×150mm
Available colors	Red / White / Blue

Published color configurations

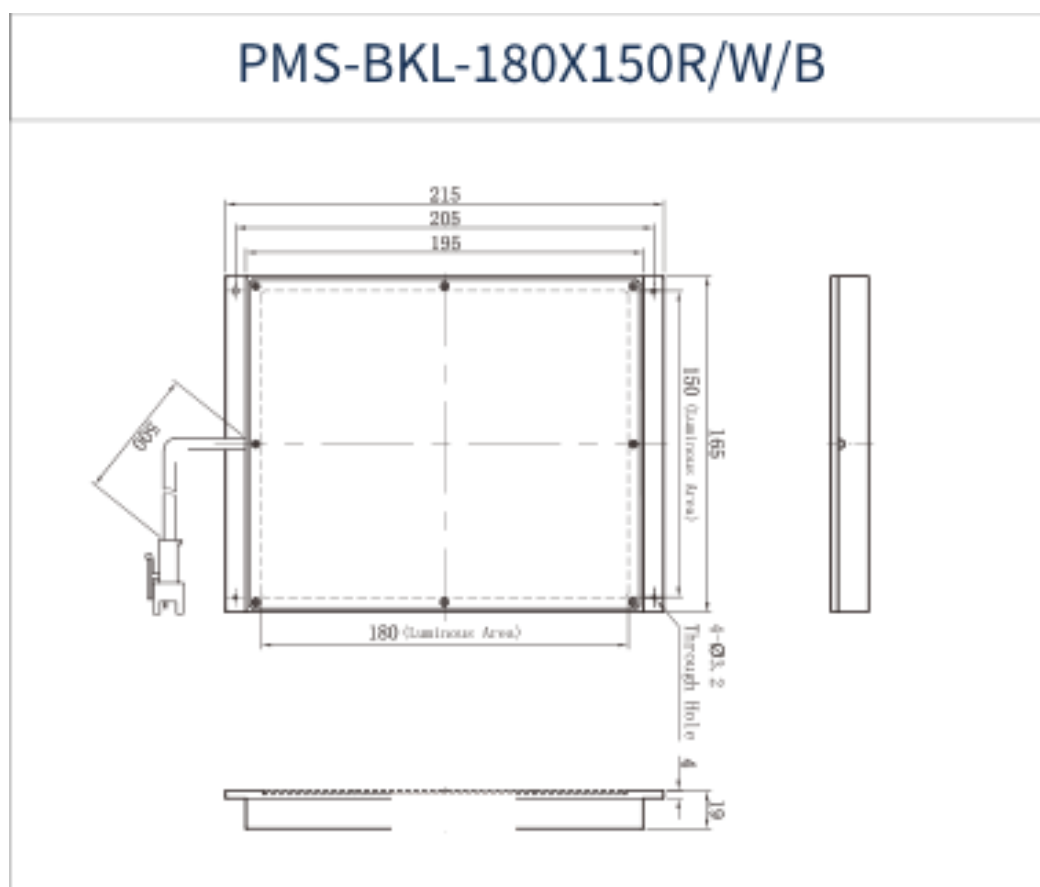
Color	Voltage	Power	Wavelength / CT
Red	24V	12.5W	625nm
White	24V	19.2W	6500K
Blue	24V	19.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-180X150R/W/B dimension drawing (mm)



PMS-BKL-200X200R/W/B

Flat Illumination

PMS-BKL-200X200R/W/B flat illumination. Luminous area: 200mm×200mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	200mm×200mm
Available colors	Red / White / Blue

Published color configurations

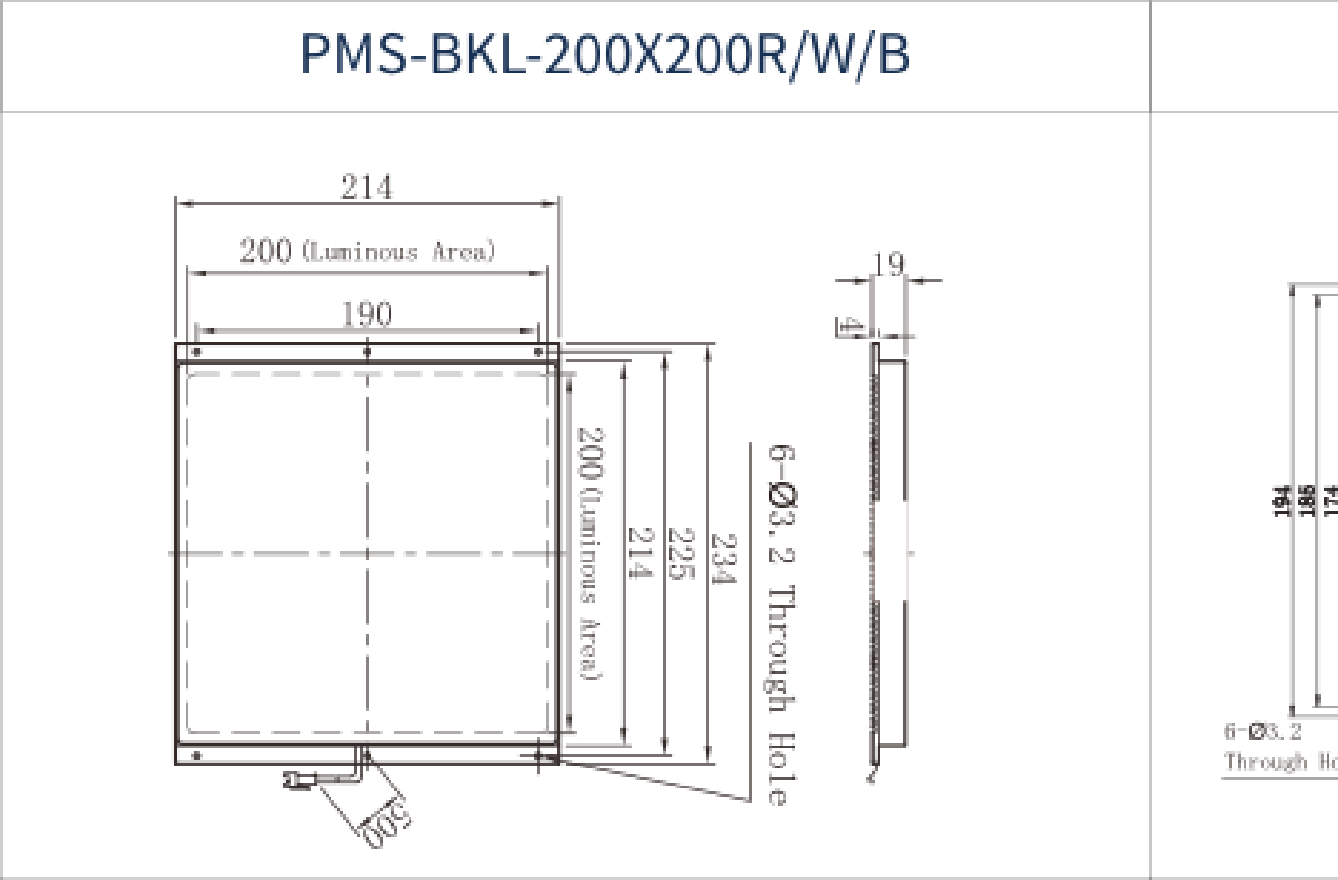
Color	Voltage	Power	Wavelength / CT
Red	24V	20.2W	625nm
White	24V	29W	6500K
Blue	24V	29W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-200X200R/W/B dimension drawing (mm)



PMS-BKL-210X160R/W/B

Flat Illumination

PMS-BKL-210X160R/W/B flat illumination. Luminous area: 210mm×160mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	210mm×160mm
Available colors	Red / White / Blue

Published color configurations

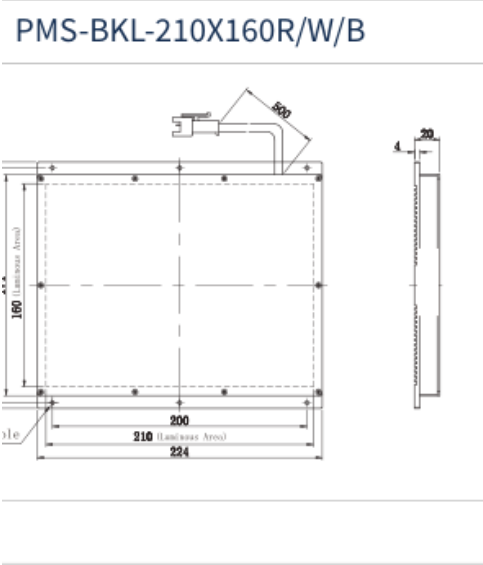
Color	Voltage	Power	Wavelength / CT
Red	24V	22W	625nm
White	24V	30W	6500K
Blue	24V	30W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-210X160R/W/B dimension drawing (mm)



PMS-BKL-250X150R/W/B

Flat Illumination

PMS-BKL-250X150R/W/B flat illumination. Luminous area: 250mm×150mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	250mm×150mm
Available colors	Red / White / Blue

Published color configurations

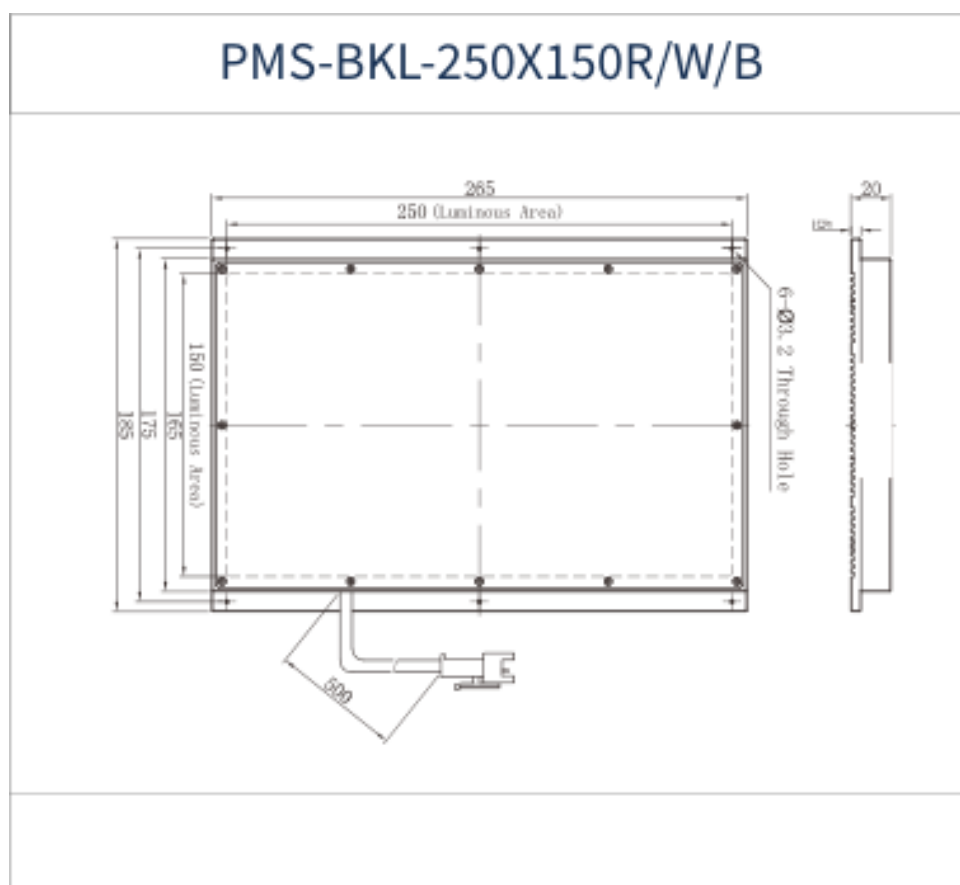
Color	Voltage	Power	Wavelength / CT
Red	24V	18W	625nm
White	24V	28W	6500K
Blue	24V	28W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-250X150R/W/B dimension drawing (mm)



PMS-BKL-320X240R/W/B

Flat Illumination

PMS-BKL-320X240R/W/B flat illumination. Luminous area: 320mm×240mm. Uniform flat backlights for profile measurement and inspection of transparent objects.



Model specifications	
Luminous area	320mm×240mm
Available colors	Red / White / Blue

Published color configurations

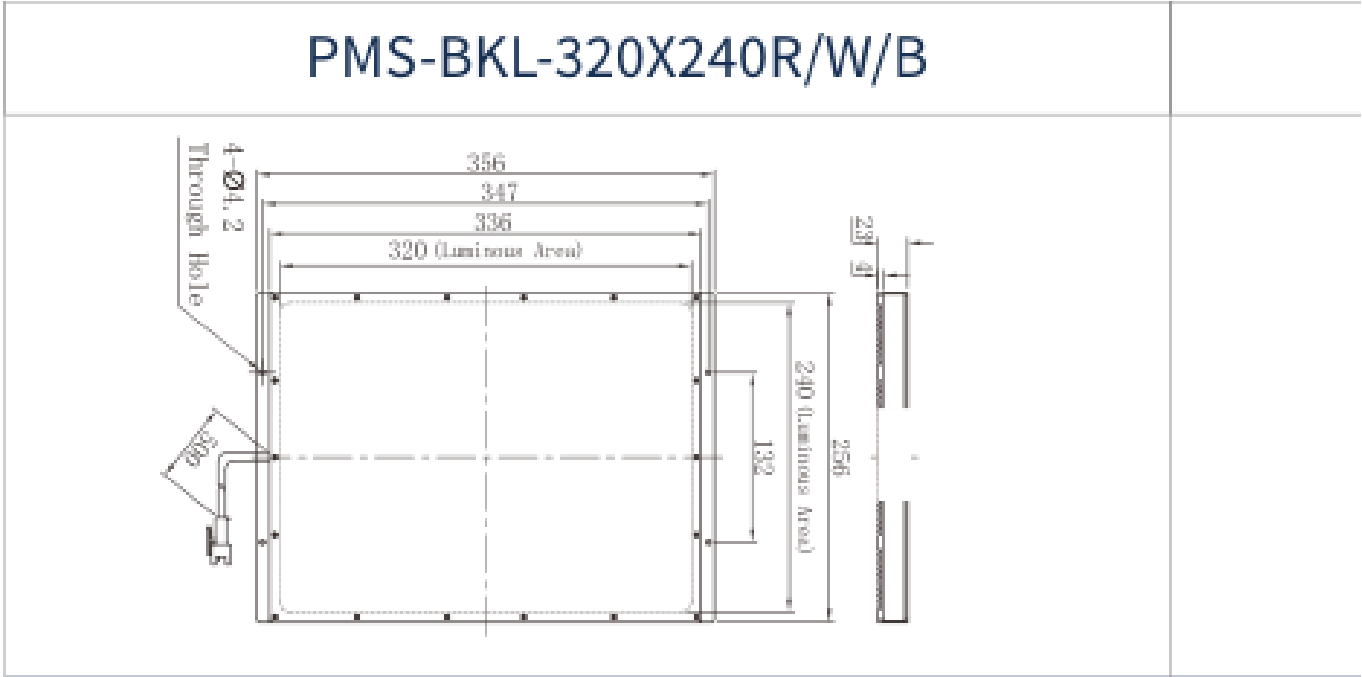
Color	Voltage	Power	Wavelength / CT
Red	24V	37W	625nm
White	24V	56W	6500K
Blue	24V	56W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-BKL-320X240R/W/B dimension drawing (mm)



PMS-GR-70-H15R/W/B

Dome Illumination

PMS-GR-70-H15R/W/B dome illumination. Diameter: $\varnothing 70\text{mm}$. Diffuse dome illumination for curved, reflective surfaces and surface-defect inspection.



Model specifications	
Outer diameter	$\varnothing 70\text{mm}$
Camera hole diameter	$\varnothing 15\text{mm}$
Available colors	Red / White / Blue

Published color configurations

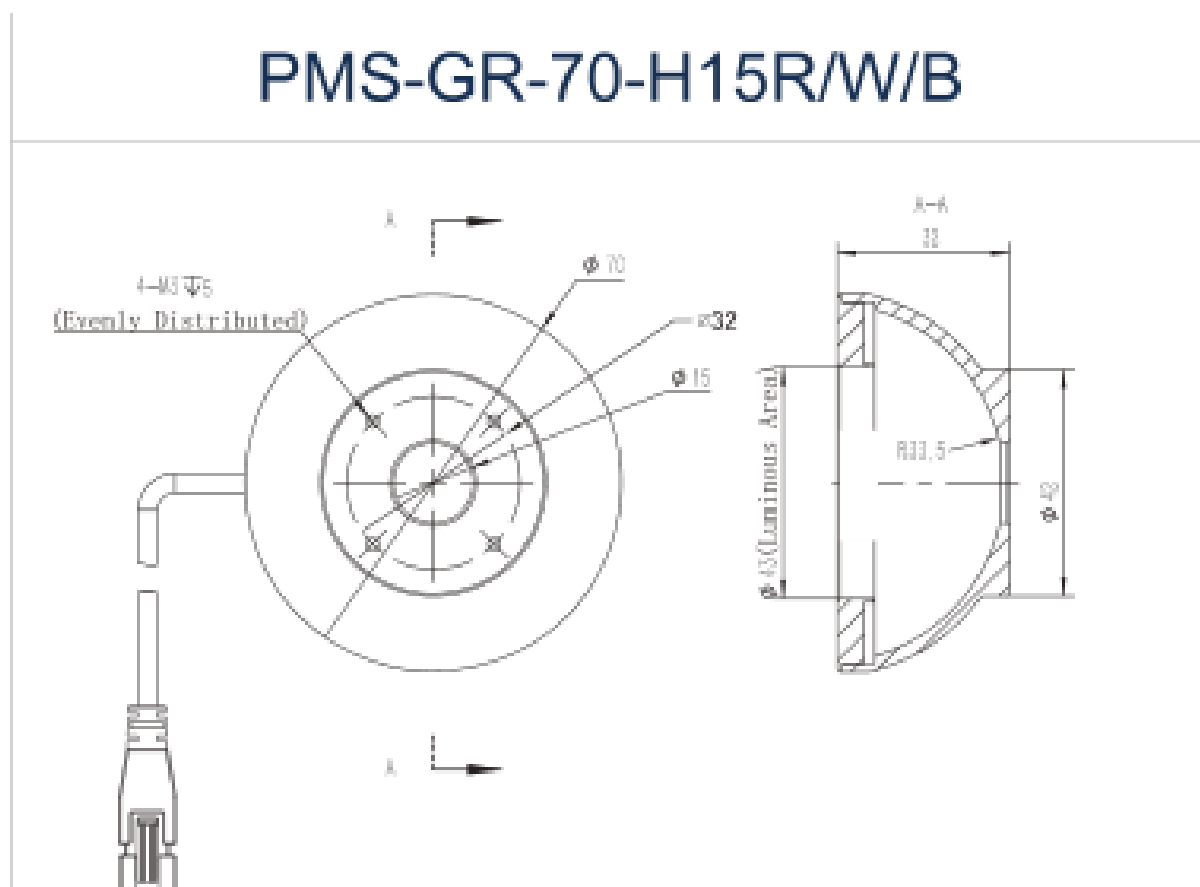
Color	Voltage	Power	Wavelength / CT
Red	24V	0.8W	625nm
White	24V	2.6W	6500K
Blue	24V	2.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GR-70-H15R/W/B dimension drawing (mm)



PMS-GR-116-H25R/W/B

Dome Illumination

PMS-GR-116-H25R/W/B dome illumination. Diameter: $\varnothing$ 116mm. Diffuse dome illumination for curved, reflective surfaces and surface-defect inspection.



Model specifications	
Outer diameter	$\varnothing$ 116mm
Camera hole diameter	$\varnothing$ 25mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	7W	625nm
White	24V	9.7W	6500K
Blue	24V	9.7W	470nm

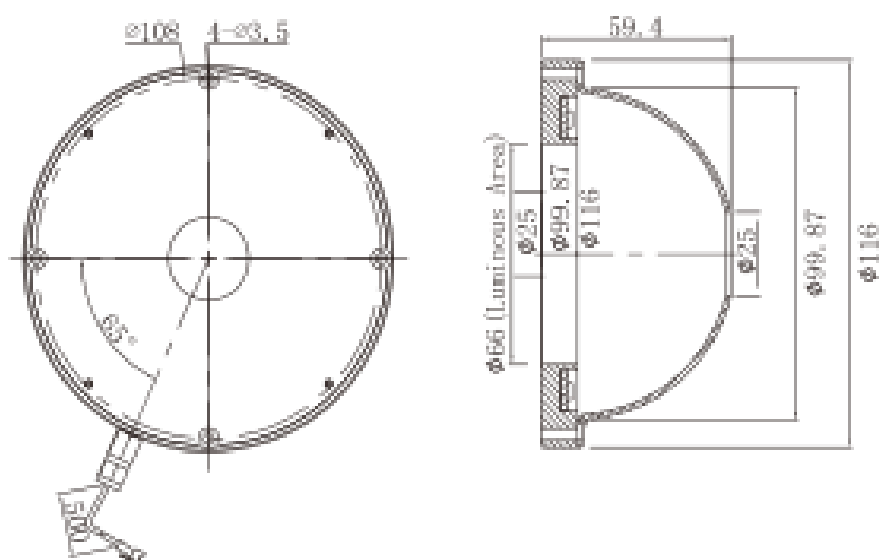
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GR-116-H25R/W/B dimension drawing (mm)

PMS-GR-116-H25R/W/B



PMS-GR-175-H35R/W/B

Dome Illumination

PMS-GR-175-H35R/W/B dome illumination. Diameter: $\varnothing$ 175mm. Diffuse dome illumination for curved, reflective surfaces and surface-defect inspection.



Model specifications	
Outer diameter	$\varnothing$ 175mm
Camera hole diameter	$\varnothing$ 35mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	9W	625nm
White	24V	12W	6500K
Blue	24V	12W	470nm

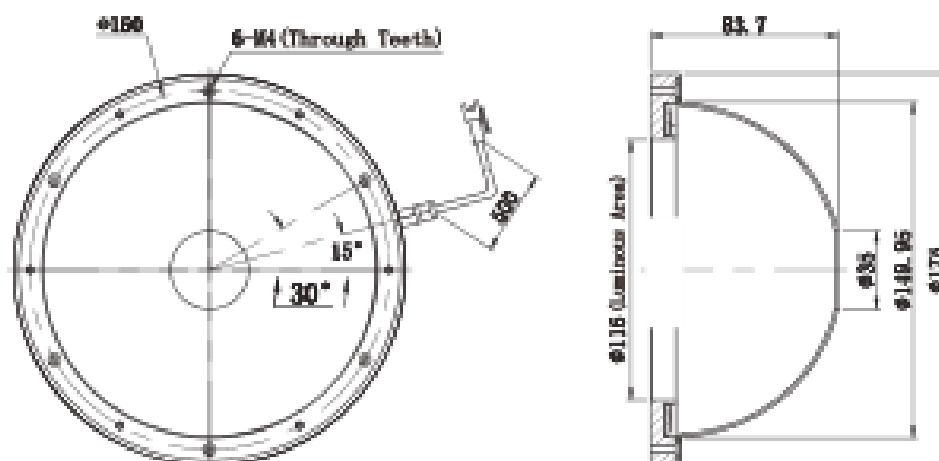
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GR-175-H35R/W/B dimension drawing (mm)

PMS-GR-175-H35R/W/B



PMS-GR-198-H30R/W/B

Dome Illumination

PMS-GR-198-H30R/W/B dome illumination. Diameter: $\varnothing$ 198mm. Diffuse dome illumination for curved, reflective surfaces and surface-defect inspection.



Model specifications	
Outer diameter	$\varnothing$ 198mm
Camera hole diameter	$\varnothing$ 30mm
Available colors	Red / White / Blue

Published color configurations

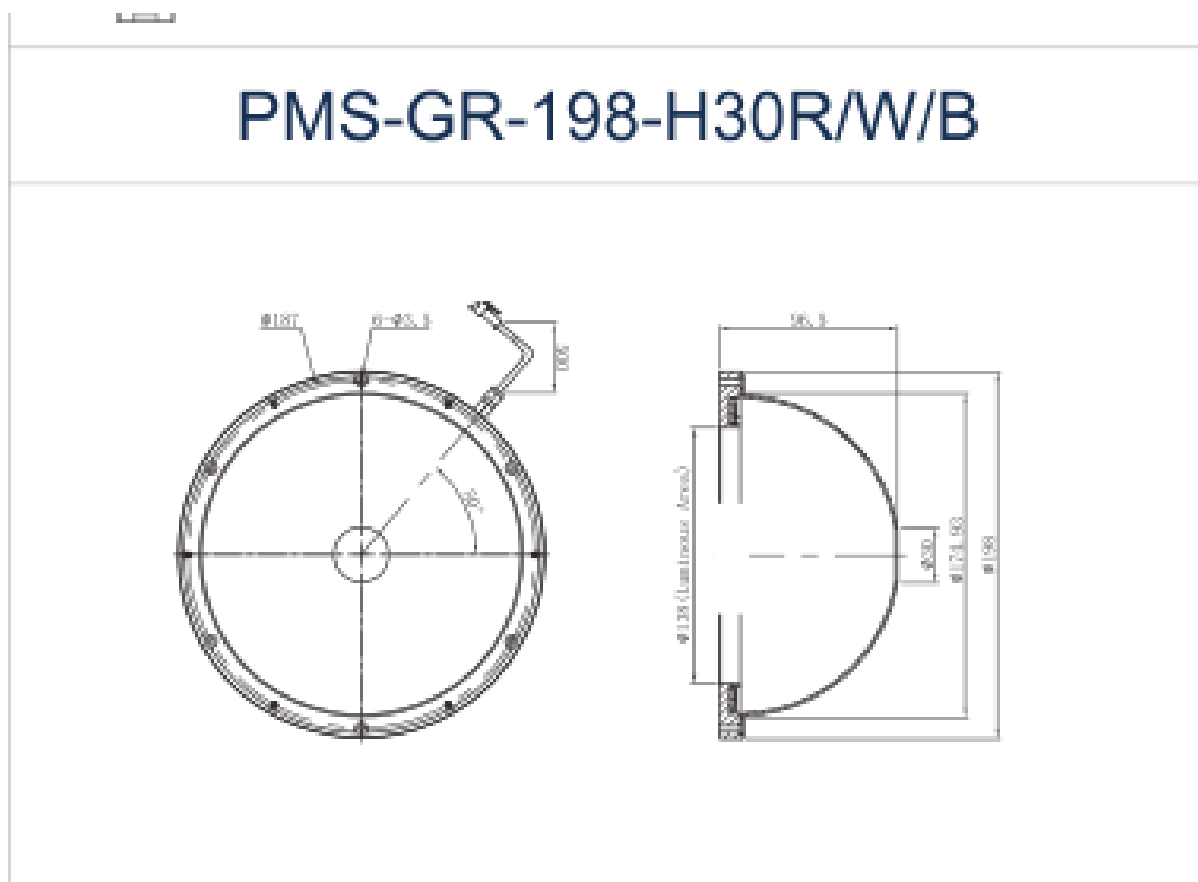
Color	Voltage	Power	Wavelength / CT
Red	24V	12W	625nm
White	24V	15W	6500K
Blue	24V	15W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GR-198-H30R/W/B dimension drawing (mm)



PMS-GR-260-H48R/W/B

Dome Illumination

PMS-GR-260-H48R/W/B dome illumination. Diameter: $\varnothing$ 260mm. Diffuse dome illumination for curved, reflective surfaces and surface-defect inspection.



Model specifications	
Outer diameter	$\varnothing$ 260mm
Camera hole diameter	$\varnothing$ 48mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	14W	625nm
White	24V	17W	6500K
Blue	24V	17W	470nm

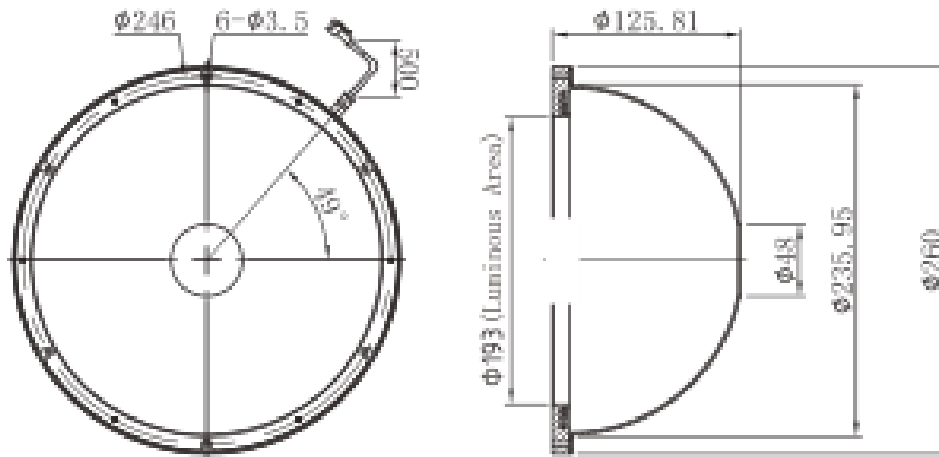
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GR-260-H48R/W/B dimension drawing (mm)

PMS-GR-260-H48R/W/B



PMS-GR-325-H50R/W/B

Dome Illumination

PMS-GR-325-H50R/W/B dome illumination. Diameter: $\phi 325\text{mm}$. Diffuse dome illumination for curved, reflective surfaces and surface-defect inspection.



Model specifications	
Outer diameter	$\phi 325\text{mm}$
Camera hole diameter	$\phi 50\text{mm}$
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	29W	625nm
White	24V	36W	6500K
Blue	24V	36W	470nm

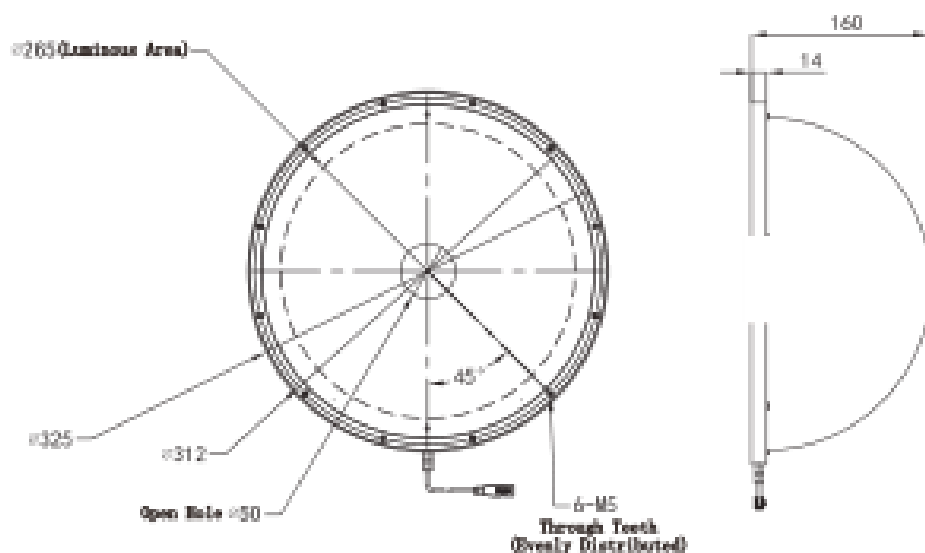
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GR-325-H50R/W/B dimension drawing (mm)

PMS-GR-325-H50R/W/B



PMS-GCOL-14X14R/W/B

Coaxial Illumination

PMS-GCOL-14X14R/W/B coaxial illumination. Luminous area: 14mm × 14mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	14mm × 14mm
Available colors	Red / White / Blue

Published color configurations

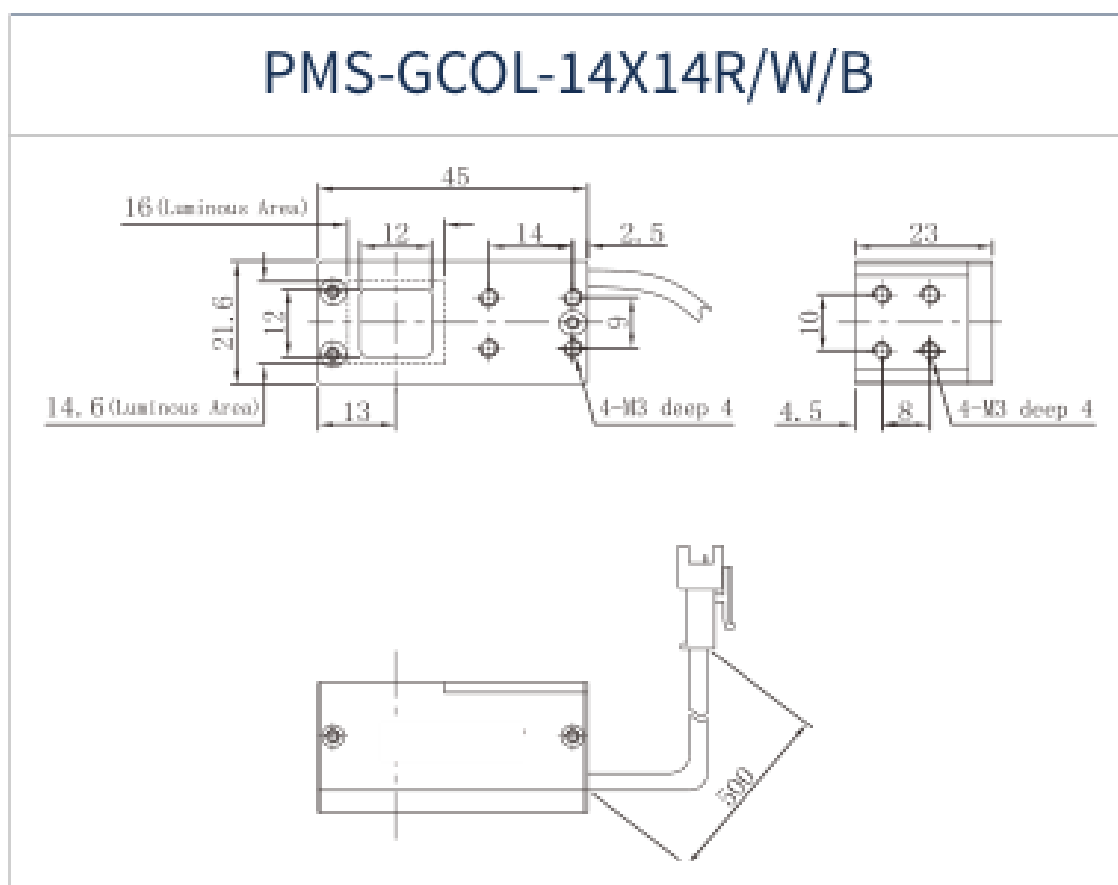
Color	Voltage	Power	Wavelength / CT
Red	24V	0.8W	625nm
White	24V	1.2W	6500K
Blue	24V	1.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-14X14R/W/B dimension drawing (mm)



PMS-GCOL-18X18R/W/B

Coaxial Illumination

PMS-GCOL-18X18R/W/B coaxial illumination. Luminous area: 18mm × 18mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	18mm × 18mm
Available colors	Red / White / Blue

Published color configurations

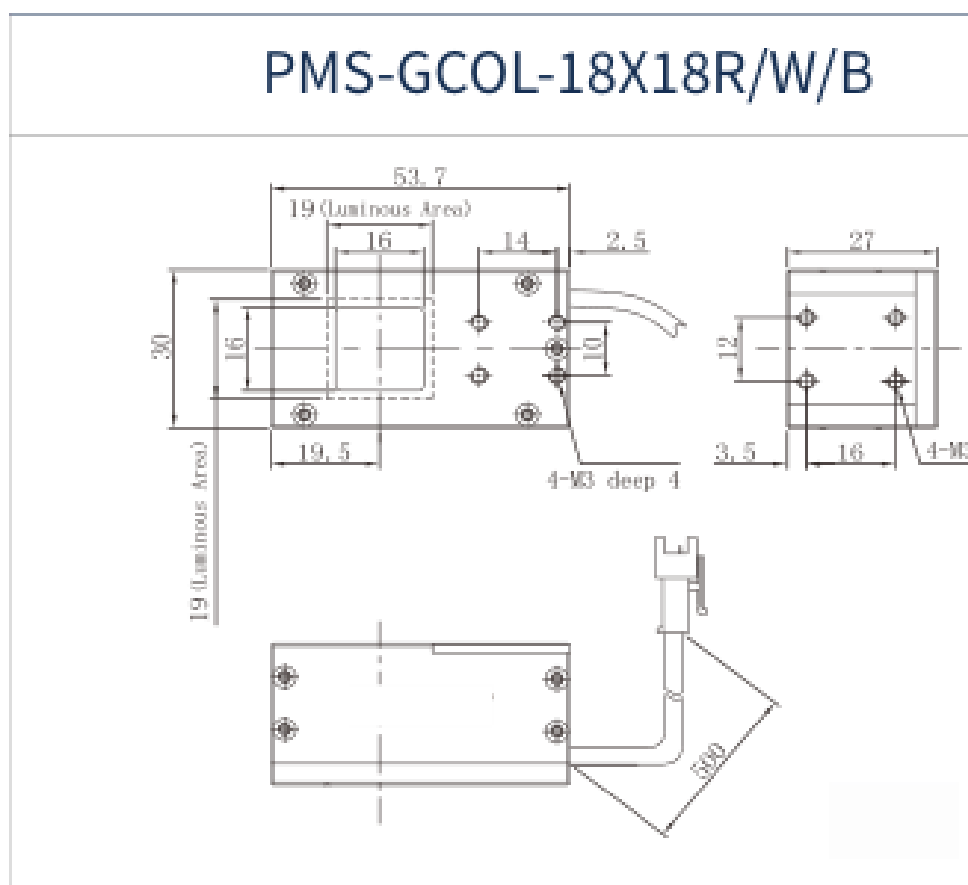
Color	Voltage	Power	Wavelength / CT
Red	24V	0.8W	625nm
White	24V	1.4W	6500K
Blue	24V	1.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-18X18R/W/B dimension drawing (mm)



PMS-GCOL-30X30R/W/B

Coaxial Illumination

PMS-GCOL-30X30R/W/B coaxial illumination. Luminous area: 30mm × 30mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	30mm × 30mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	1.2W	625nm
White	24V	1.8W	6500K
Blue	24V	1.8W	470nm

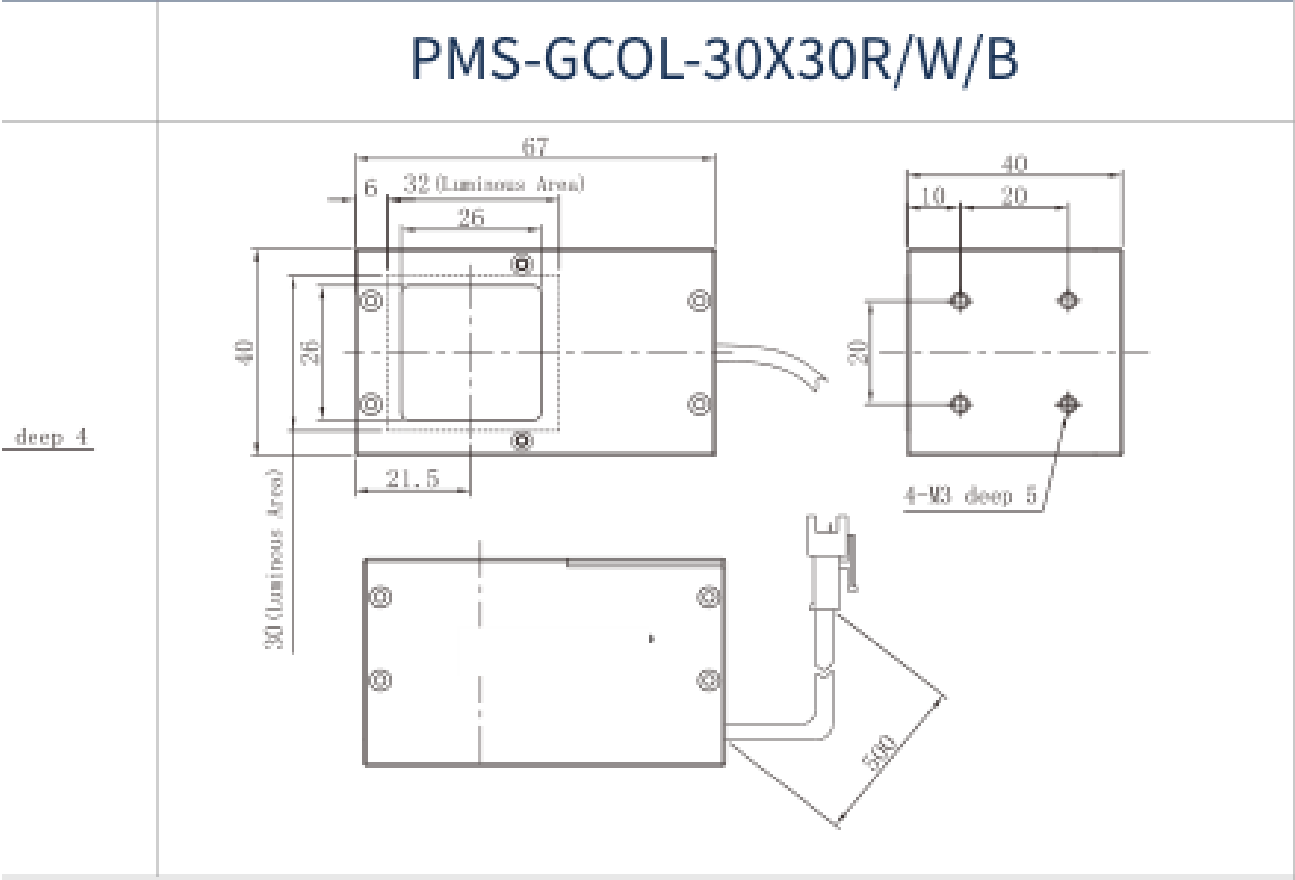
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.



PMS-GCOL-30X30R/W/B dimension drawing (mm)



PMS-GCOL-40X40R/W/B

Coaxial Illumination

PMS-GCOL-40X40R/W/B coaxial illumination. Luminous area: 40mm × 40mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	40mm × 40mm
Available colors	Red / White / Blue

Published color configurations

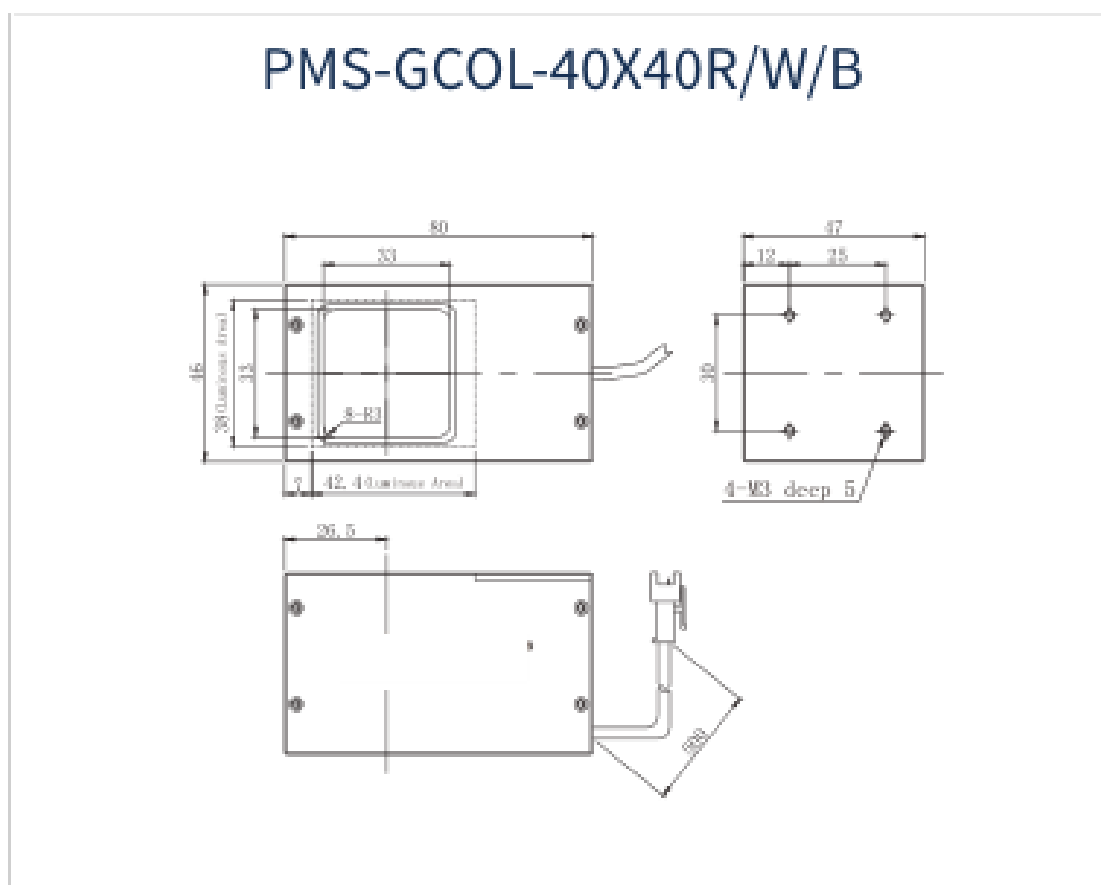
Color	Voltage	Power	Wavelength / CT
Red	24V	2.0W	625nm
White	24V	3W	6500K
Blue	24V	3W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-40X40R/W/B dimension drawing (mm)



PMS-GCOL-50X50R/W/B

Coaxial Illumination

PMS-GCOL-50X50R/W/B coaxial illumination. Luminous area: 50mm × 50mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	50mm × 50mm
Available colors	Red / White / Blue

Published color configurations

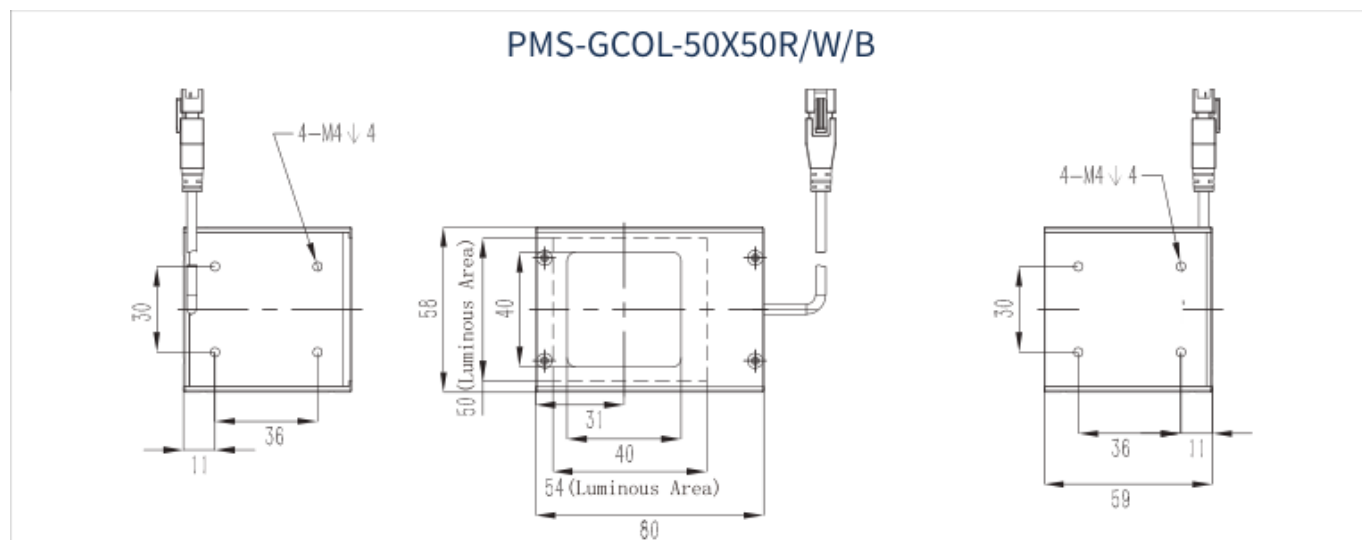
Color	Voltage	Power	Wavelength / CT
Red	24V	2.0W	625nm
White	24V	4.2W	6500K
Blue	24V	4.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-50X50R/W/B dimension drawing (mm)



PMS-GCOL-55X40R/W/B

Coaxial Illumination

PMS-GCOL-55X40R/W/B coaxial illumination. Luminous area: 55mm × 40mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	55mm × 40mm
Available colors	Red / White / Blue

Published color configurations

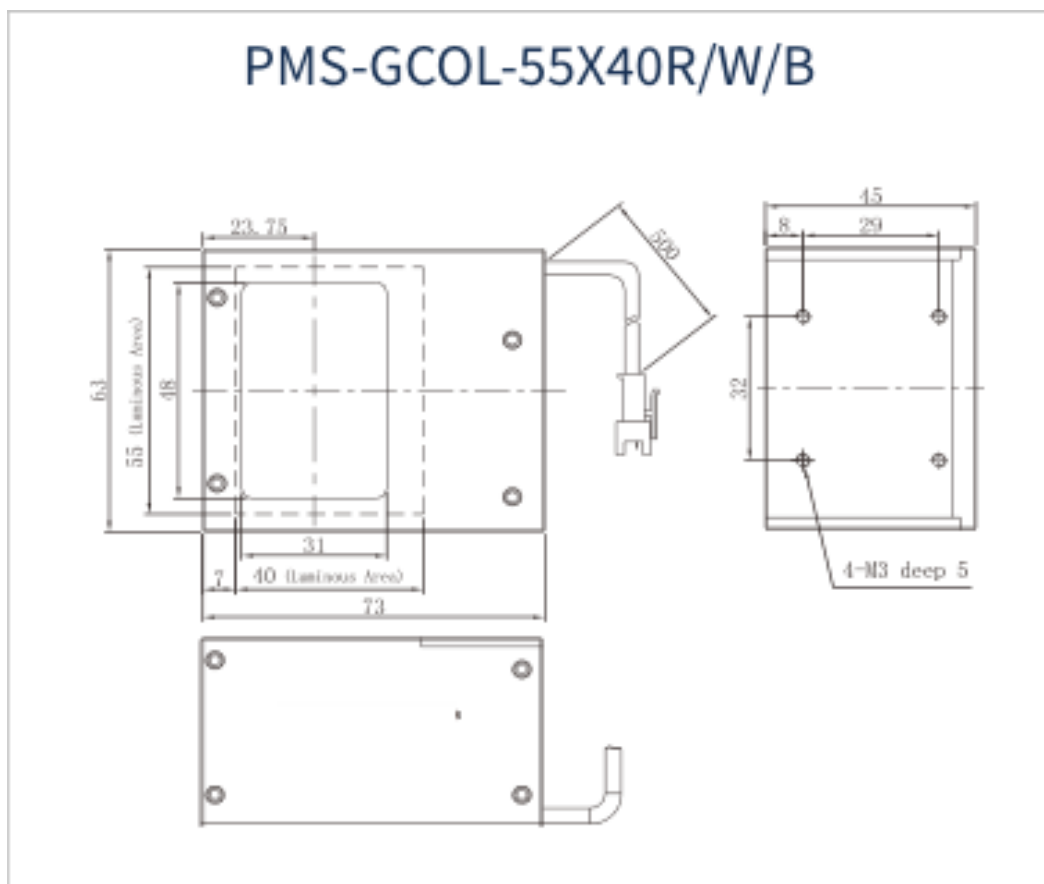
Color	Voltage	Power	Wavelength / CT
Red	24V	2.0W	625nm
White	24V	3.9W	6500K
Blue	24V	3.9W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-55X40R/W/B dimension drawing (mm)



PMS-GCOL-60X60R/W/B

Coaxial Illumination

PMS-GCOL-60X60R/W/B coaxial illumination. Luminous area: 60mm × 60mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	60mm × 60mm
Available colors	Red / White / Blue

Published color configurations

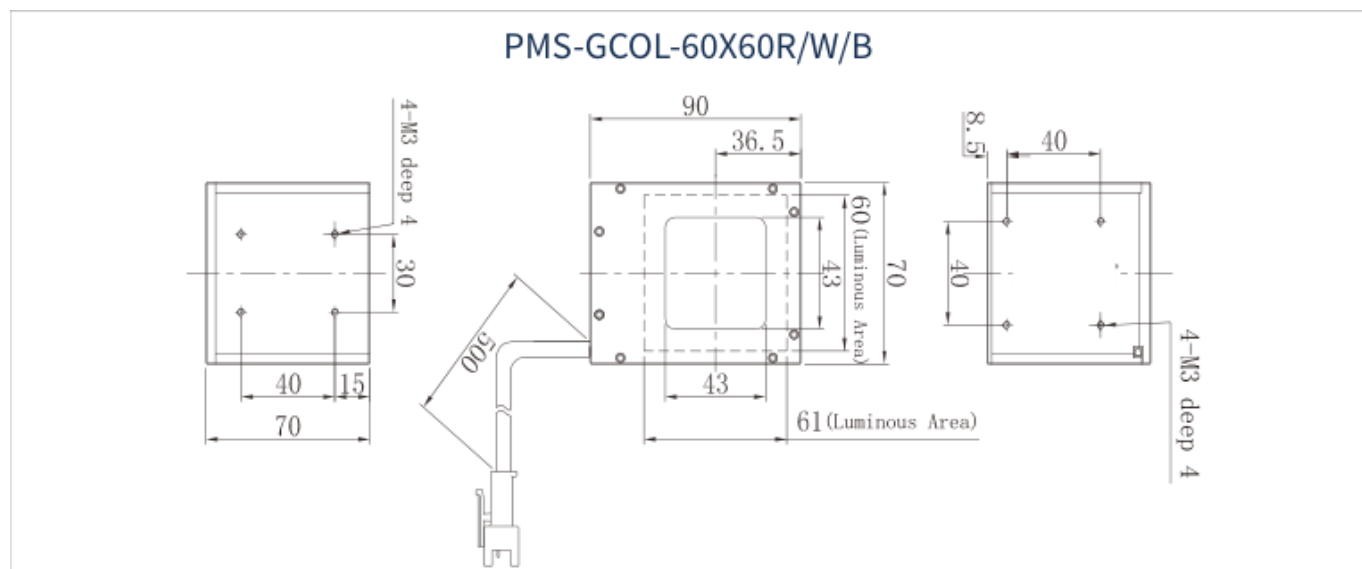
Color	Voltage	Power	Wavelength / CT
Red	24V	2.9W	625nm
White	24V	5.8W	6500K
Blue	24V	5.8W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-60X60R/W/B dimension drawing (mm)



PMS-GCOL-80X80R/W/B

Coaxial Illumination

PMS-GCOL-80X80R/W/B coaxial illumination. Luminous area: 80mm × 80mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	80mm × 80mm
Available colors	Red / White / Blue

Published color configurations

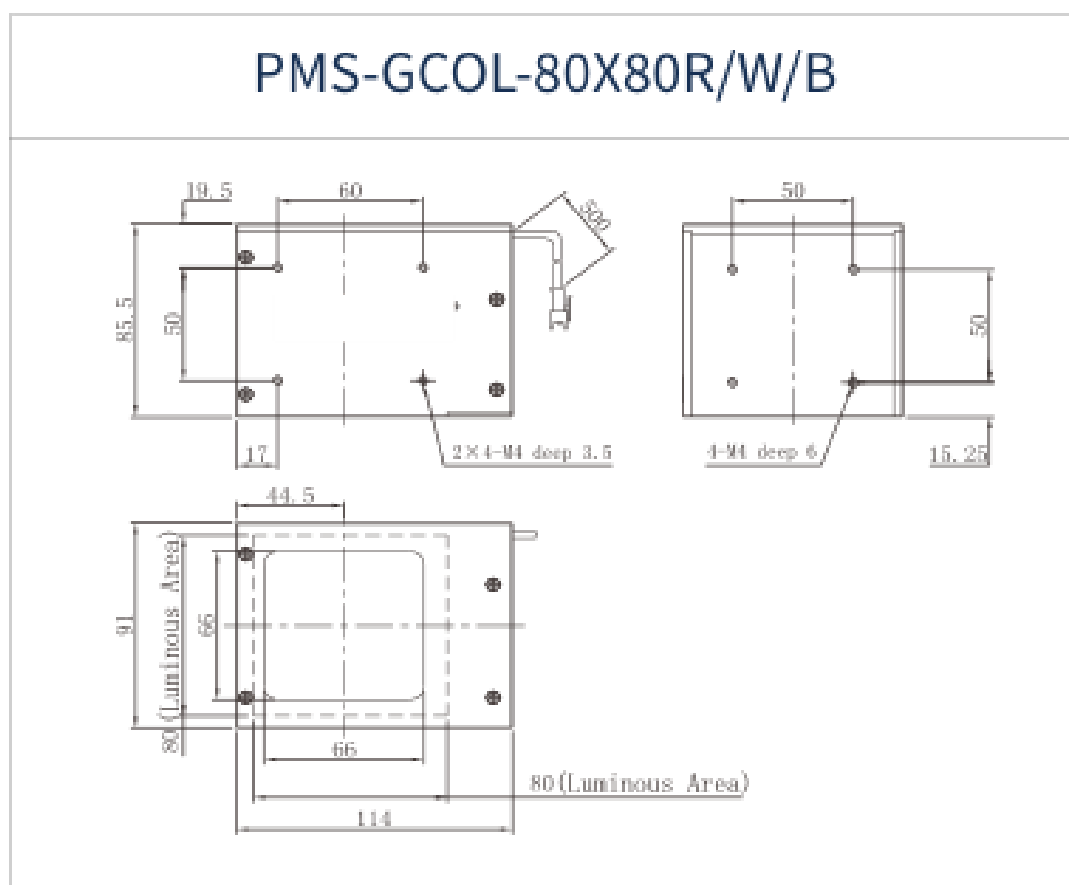
Color	Voltage	Power	Wavelength / CT
Red	24V	6.5W	625nm
White	24V	10W	6500K
Blue	24V	10W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-80X80R/W/B dimension drawing (mm)



PMS-GCOL-90X90R/W/B

Coaxial Illumination

PMS-GCOL-90X90R/W/B coaxial illumination. Luminous area: 90mm × 90mm.
On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	90mm × 90mm
Available colors	Red / White / Blue

Published color configurations

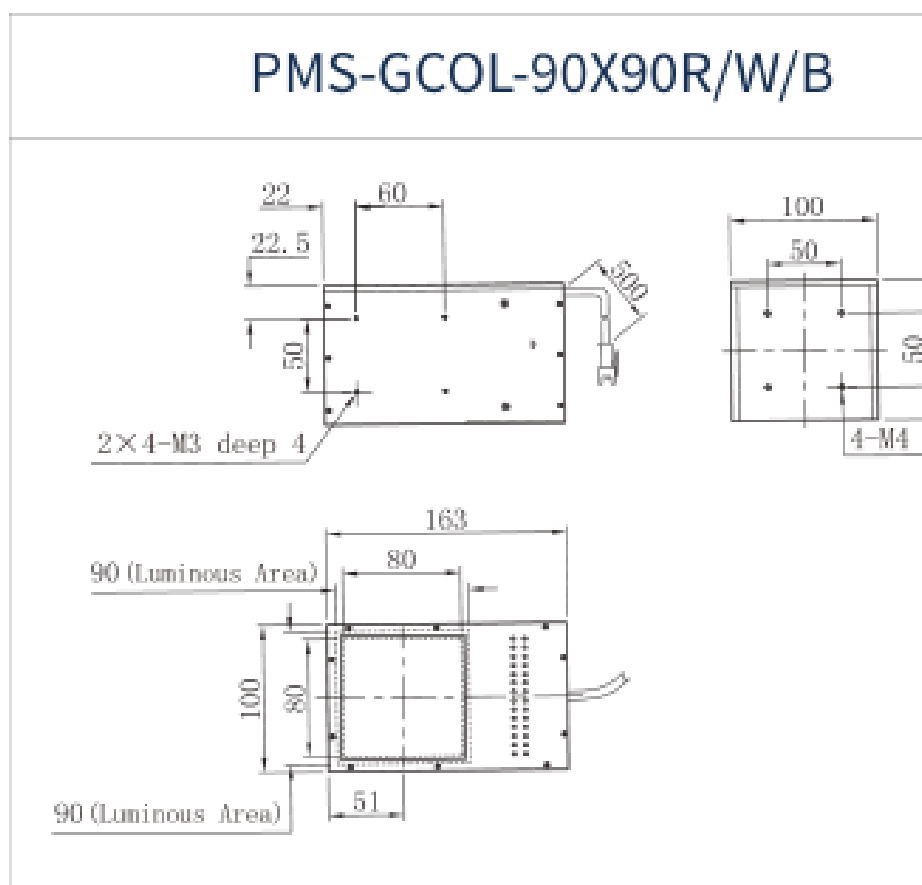
Color	Voltage	Power	Wavelength / CT
Red	24V	8W	625nm
White	24V	12W	6500K
Blue	24V	12W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-90X90R/W/B dimension drawing (mm)



PMS-GCOL-100X100R/W/B

Coaxial Illumination

PMS-GCOL-100X100R/W/B coaxial illumination. Luminous area: 100mm × 100mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	100mm × 100mm
Available colors	Red / White / Blue

Published color configurations

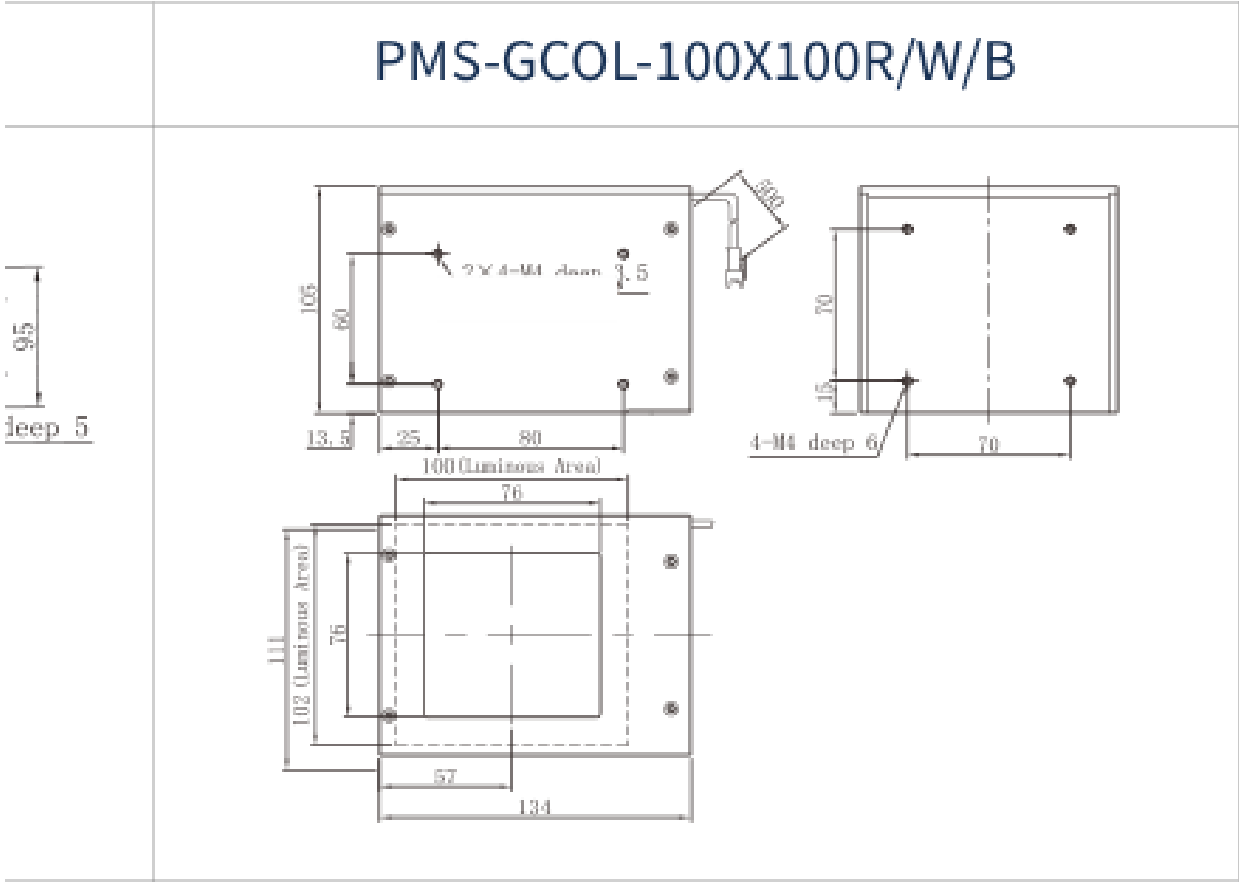
Color	Voltage	Power	Wavelength / CT
Red	24V	9.1W	625nm
White	24V	14W	6500K
Blue	24V	14W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-100X100R/W/B dimension drawing (mm)



PMS-GCOL-120X120R/W/B

Coaxial Illumination

PMS-GCOL-120X120R/W/B coaxial illumination. Luminous area: 120mm × 120mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	120mm × 120mm
Available colors	Red / White / Blue

Published color configurations

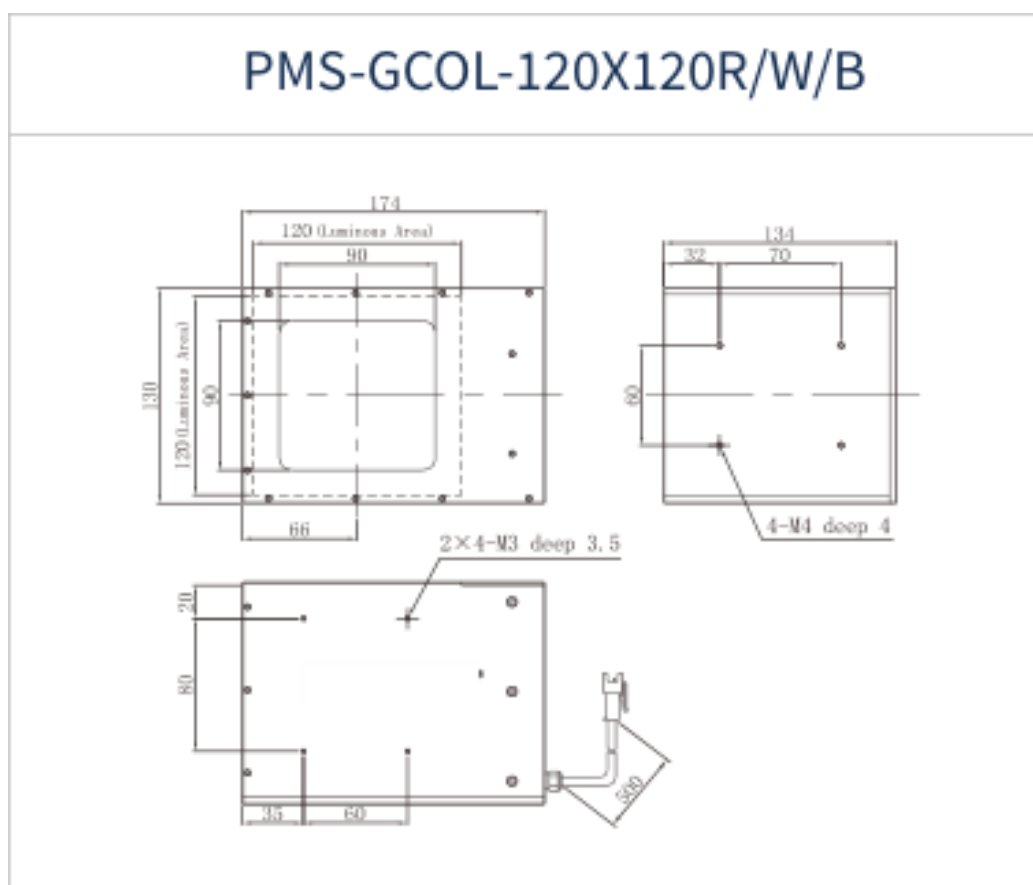
Color	Voltage	Power	Wavelength / CT
Red	24V	11.7W	625nm
White	24V	18W	6500K
Blue	24V	18W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-120X120R/W/B dimension drawing (mm)



PMS-GCOL-140X140R/W/B

Coaxial Illumination

PMS-GCOL-140X140R/W/B coaxial illumination. Luminous area: 140mm × 140mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	140mm × 140mm
Available colors	Red / White / Blue

Published color configurations

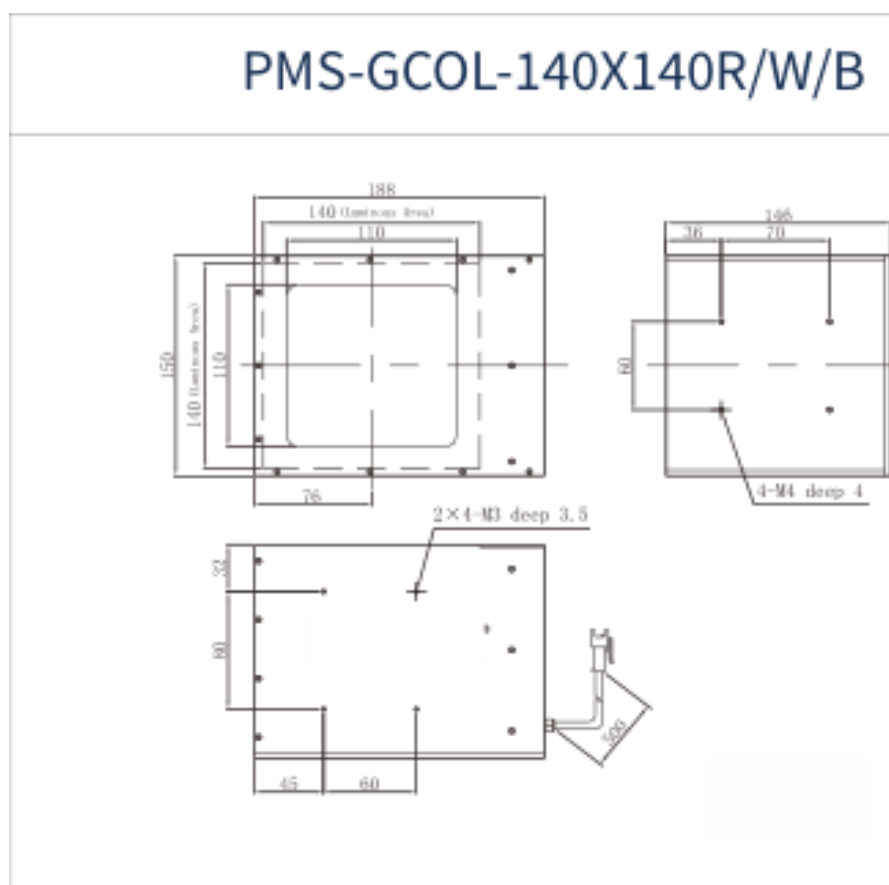
Color	Voltage	Power	Wavelength / CT
Red	24V	13.7W	625nm
White	24V	23.1W	6500K
Blue	24V	23.1W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-140X140R/W/B dimension drawing (mm)



PMS-GCOL-180X130R/W/B

Coaxial Illumination

PMS-GCOL-180X130R/W/B coaxial illumination. Luminous area: 180mm×130mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	180mm×130mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	12.6W	625nm
White	24V	20.9W	6500K
Blue	24V	20.9W	470nm

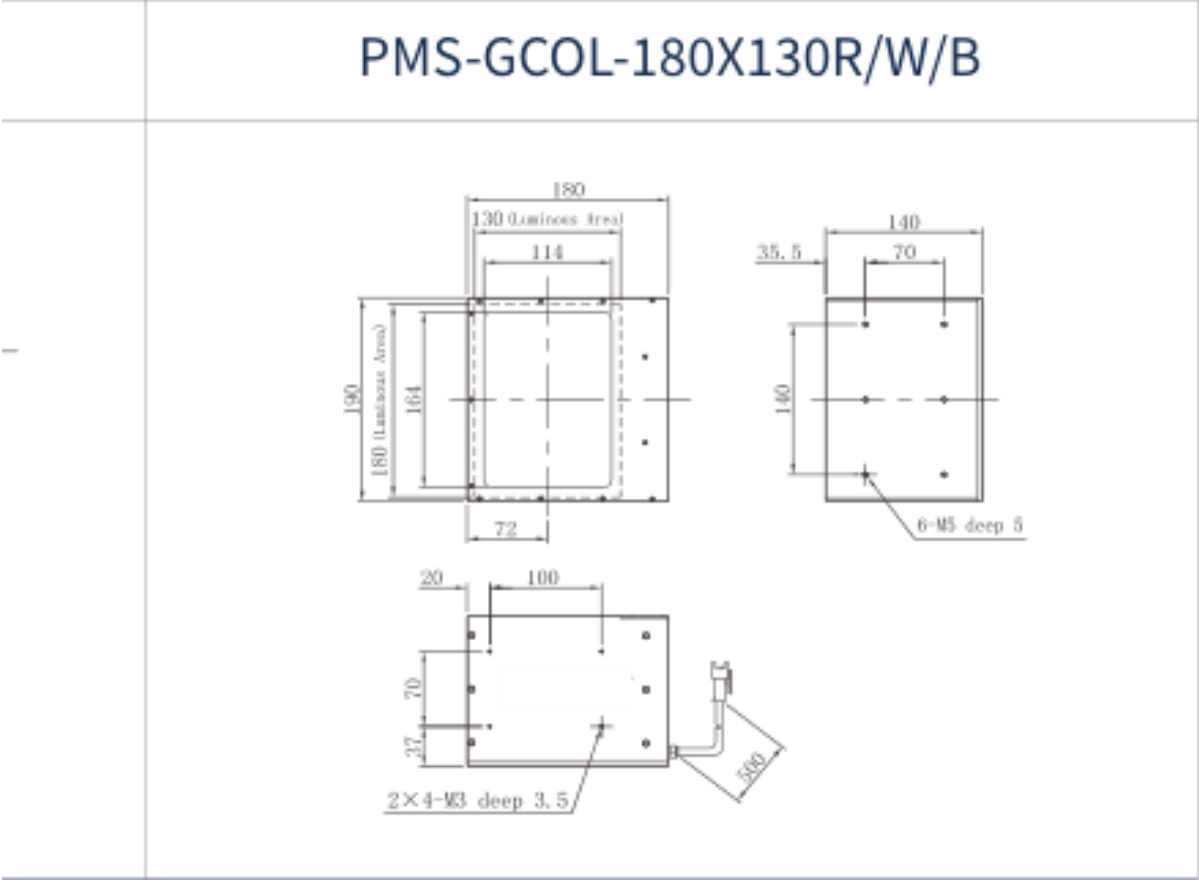
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.



PMS-GCOL-180X130R/W/B dimension drawing (mm)



PMS-GCOL-270X180R/W/B

Coaxial Illumination

PMS-GCOL-270X180R/W/B coaxial illumination. Luminous area: 270mm × 180mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	270mm × 180mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	32W	625nm
White	24V	40W	6500K
Blue	24V	40W	470nm

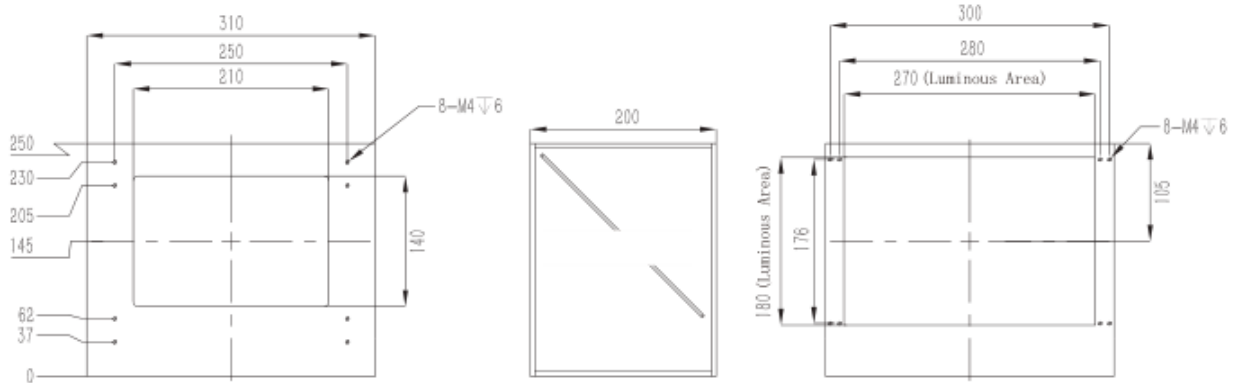
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-270X180R/W/B dimension drawing (mm)

PMS-GCOL-270X180R/W/B



PMS-GCOL-320X150R/W/B

Coaxial Illumination

PMS-GCOL-320X150R/W/B coaxial illumination. Luminous area: 320mm × 150mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	320mm × 150mm
Available colors	Red / White / Blue

Published color configurations

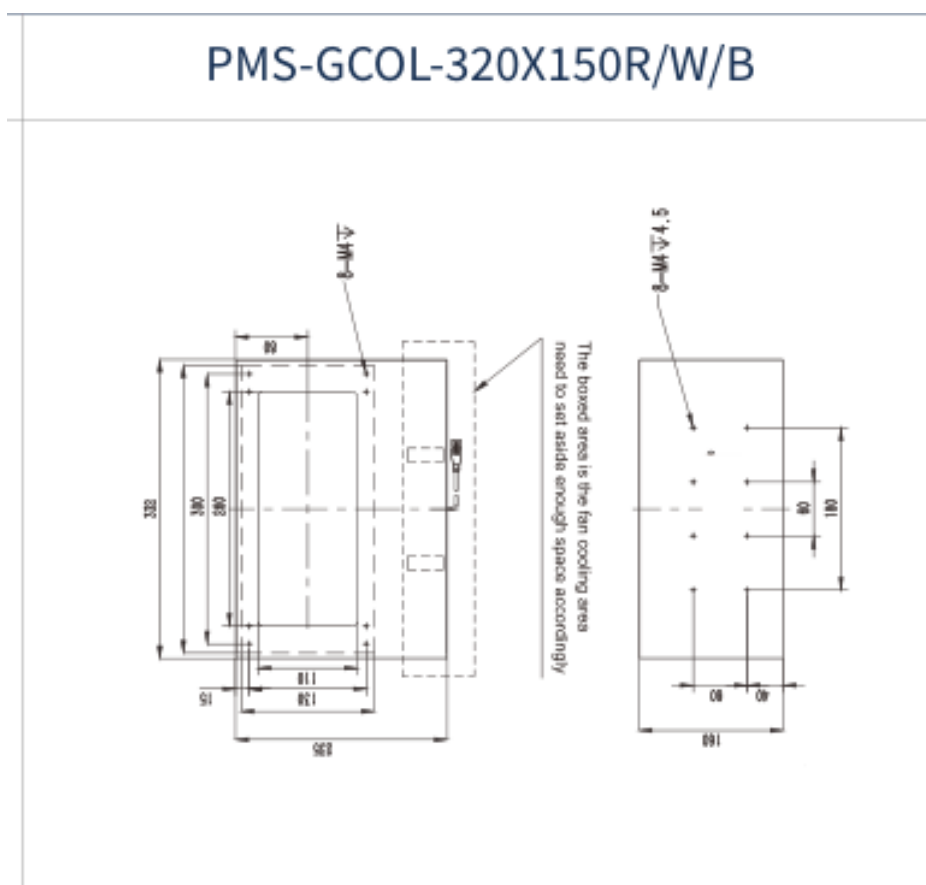
Color	Voltage	Power	Wavelength / CT
Red	24V	49W	625nm
White	24V	62W	6500K
Blue	24V	62W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-320X150R/W/B



PMS-GCOL-450X160R/W/B

Coaxial Illumination

PMS-GCOL-450X160R/W/B coaxial illumination. Luminous area: 450mm × 160mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	450mm × 160mm
Available colors	Red / White / Blue

Published color configurations

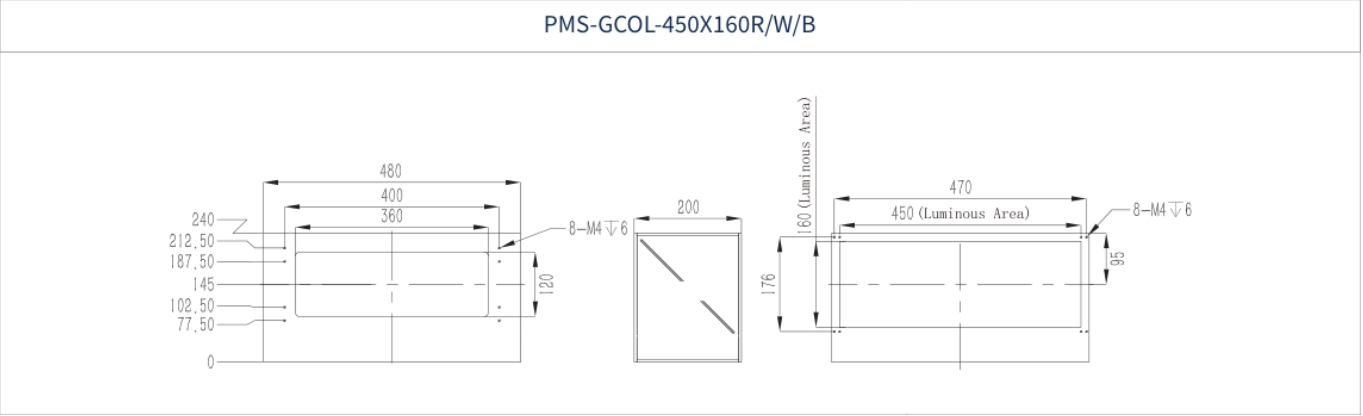
Color	Voltage	Power	Wavelength / CT
Red	24V	55.3W	625nm
White	24V	69W	6500K
Blue	24V	69W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-450X160R/W/B dimension drawing (mm)



PMS-GCOL-450X270R/W/B

Coaxial Illumination

PMS-GCOL-450X270R/W/B coaxial illumination. Luminous area: 450mm × 270mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	450mm × 270mm
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	68.8W	625nm
White	24V	86W	6500K
Blue	24V	86W	470nm

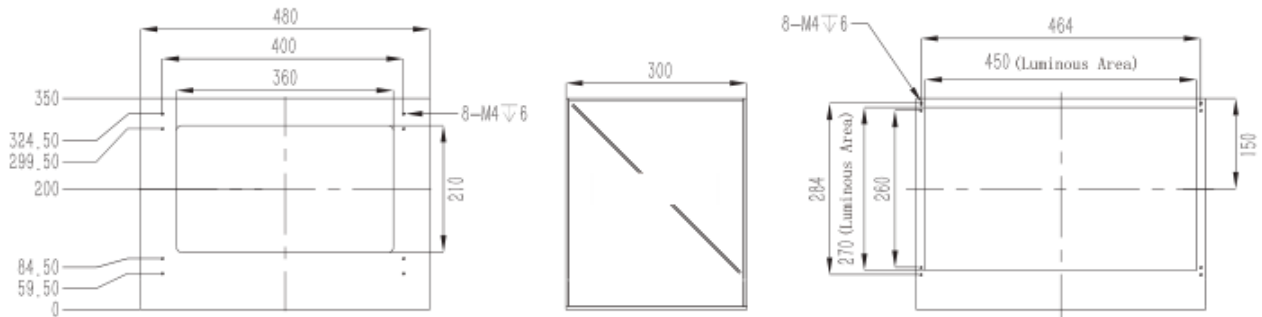
Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-450X270R/W/B dimension drawing (mm)

PMS-GCOL-450X270R/W/B



PMS-GCOL-500X184R/W/B

Coaxial Illumination

PMS-GCOL-500X184R/W/B coaxial illumination. Luminous area: 500mm × 184mm. On-axis lighting for reflective surfaces, laser markings and surface scratches.



Model specifications	
Luminous area	500mm × 184mm
Available colors	Red / White / Blue

Published color configurations

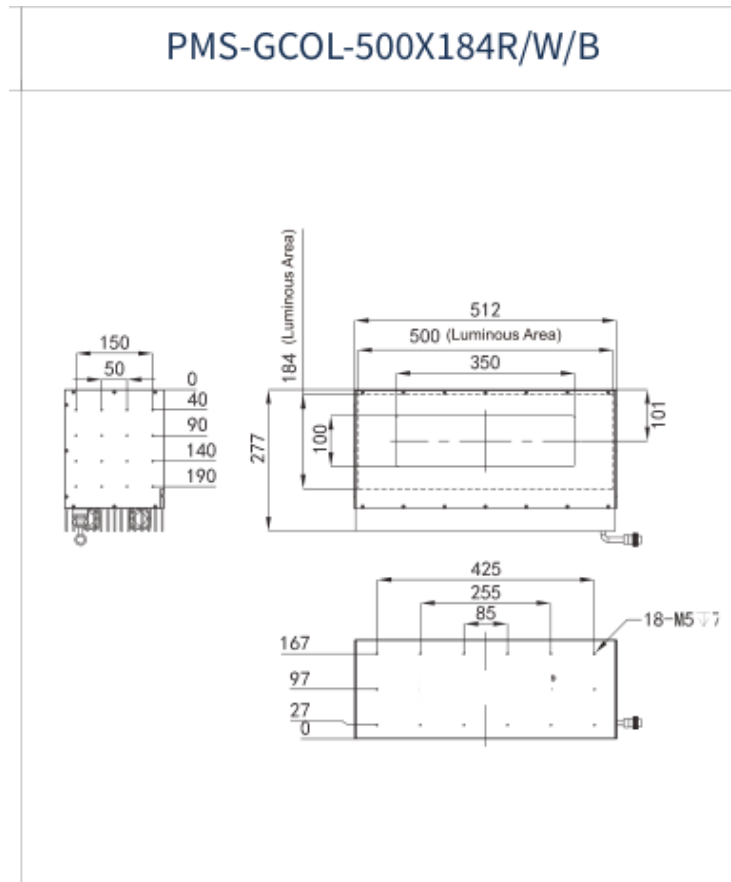
Color	Voltage	Power	Wavelength / CT
Red	24V	96W	625nm
White	24V	120W	6500K
Blue	24V	120W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-GCOL-500X184R/W/B dimension drawing (mm)



PMS-GBRL-50X14R/W/B

Bar Illumination

PMS-GBRL-50X14R/W/B bar illumination. Luminous area: 50mm × 14mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	50mm × 14mm
LED rows	3 rows
Option	Diffusion board
Housing length	60 mm (A + 10; A is luminous length)
Housing width	20 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	4 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

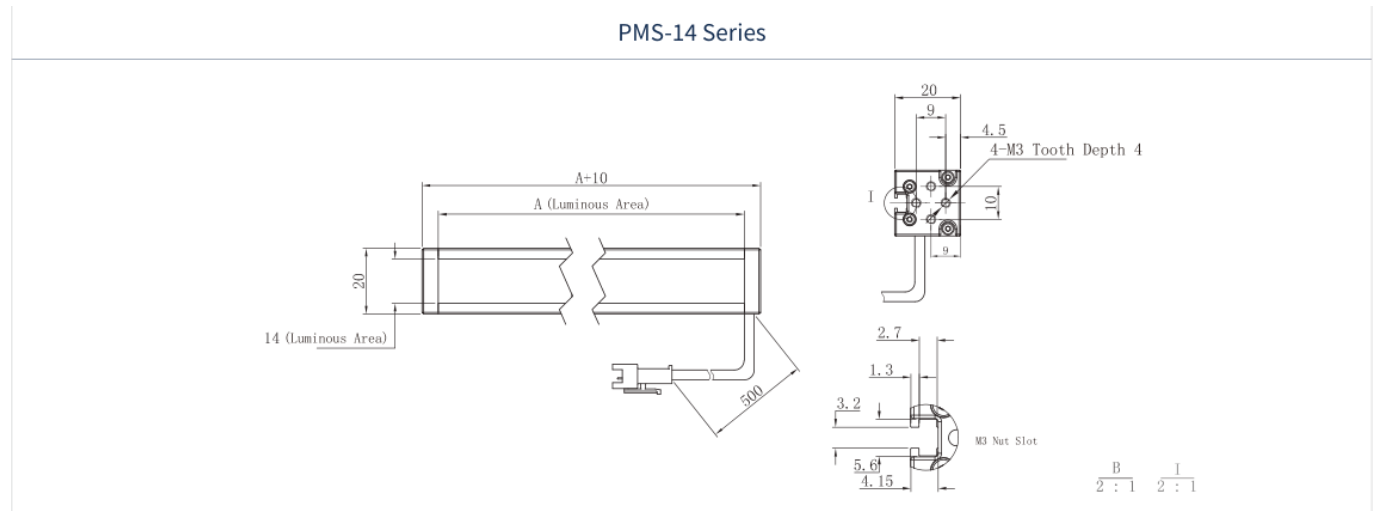
Color	Voltage	Power	Wavelength / CT
Red	24V	0.8W	625nm
White	24V	1.2W	6500K
Blue	24V	1.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

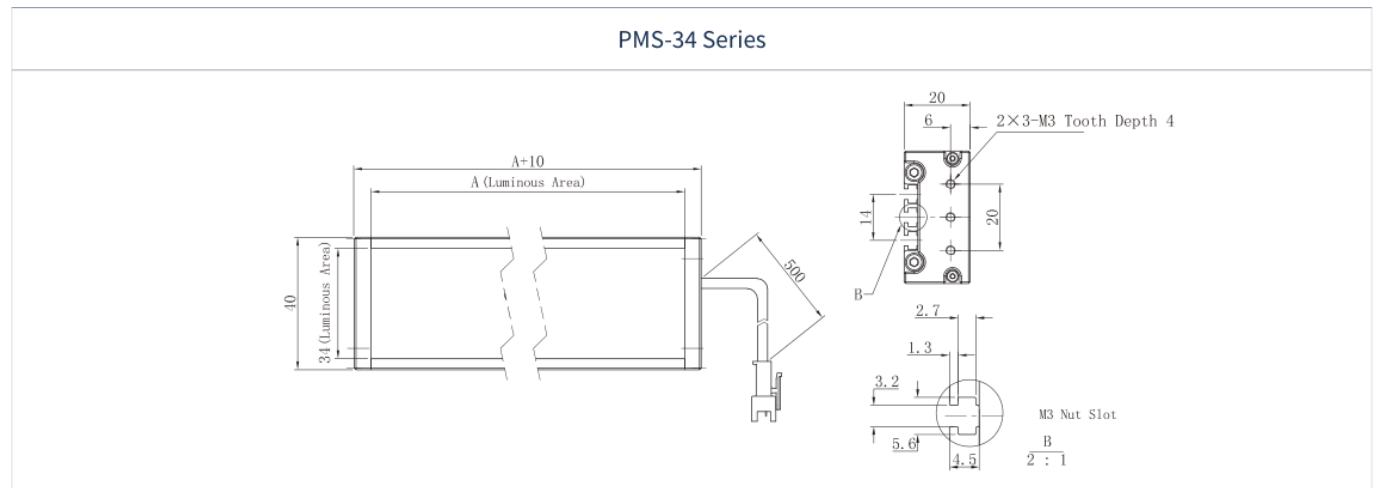
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

14 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



34 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



PMS-GBRL-100X14R/W/B

Bar Illumination

PMS-GBRL-100X14R/W/B bar illumination. Luminous area: 100mm ×14mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	100mm ×14mm
LED rows	3 rows
Option	Diffusion board
Housing length	110 mm (A + 10; A is luminous length)
Housing width	20 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	4 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	1.6W	625nm
White	24V	2.4W	6500K
Blue	24V	2.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

Technical drawing of the PMS-14 Series, showing side and cross-sectional views with dimensions.

Side View Dimensions:

- Overall length: $A+10$
- Luminous Area length: A
- Mounting bracket length: 500
- Mounting bracket width: 14 (Luminous Area)
- Mounting bracket height: 20

Cross-sectional View Dimensions:

- Overall width: 20
- Mounting bracket width: 9
- Mounting bracket height: 4.5
- Mounting bracket hole diameter: 4-M3 Tooth Depth 4
- Mounting bracket hole spacing: 10
- Mounting bracket hole diameter: 9
- Mounting bracket hole diameter: 2.7
- Mounting bracket hole diameter: 1.3
- Mounting bracket hole diameter: 3.2
- Mounting bracket hole diameter: 5.6
- Mounting bracket hole diameter: 4.15
- Mounting bracket hole diameter: M3 Nut Slot

Scale:

$\frac{B}{2 : 1} \quad \frac{I}{2 : 1}$

PMS-GBRL-150X14R/W/B

Bar Illumination

PMS-GBRL-150X14R/W/B bar illumination. Luminous area: 150mm × 14mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	150mm × 14mm
LED rows	3 rows
Option	Diffusion board
Housing length	160 mm (A + 10; A is luminous length)
Housing width	20 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	4 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	2.4W	625nm
White	24V	3.6W	6500K
Blue	24V	3.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-34 Series

Technical drawing of the PMS-34 Series LED light fixture, showing dimensions and mounting details.

Side View Dimensions:

- Overall Width: 40
- Luminous Area Width: 34 (Luminous Area)
- Overall Height: A+10
- Luminous Area Height: A (Luminous Area)

Top View Dimensions:

- Overall Width: 20
- Overall Height: 14
- Mounting Hole Spacing: 6
- Mounting Hole Diameter: 2×3-M3 Tooth Depth 4

Detail View Dimensions (Mounting Bracket B):

- Overall Width: 2.7
- Overall Height: 1.3
- Mounting Hole Spacing: 3.2
- Mounting Hole Diameter: 5.6
- Mounting Hole Depth: 4.5

Mounting Bracket Details:

- Label: B
- Label: P
- Mounting Hole: M3 Nut Slot
- Scale: B / 2 : 1

PMS-GBRL-200X14R/W/B

Bar Illumination

PMS-GBRL-200X14R/W/B bar illumination. Luminous area: 200mm × 14mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	200mm × 14mm
LED rows	3 rows
Option	Diffusion board
Housing length	210 mm (A + 10; A is luminous length)
Housing width	20 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	4 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

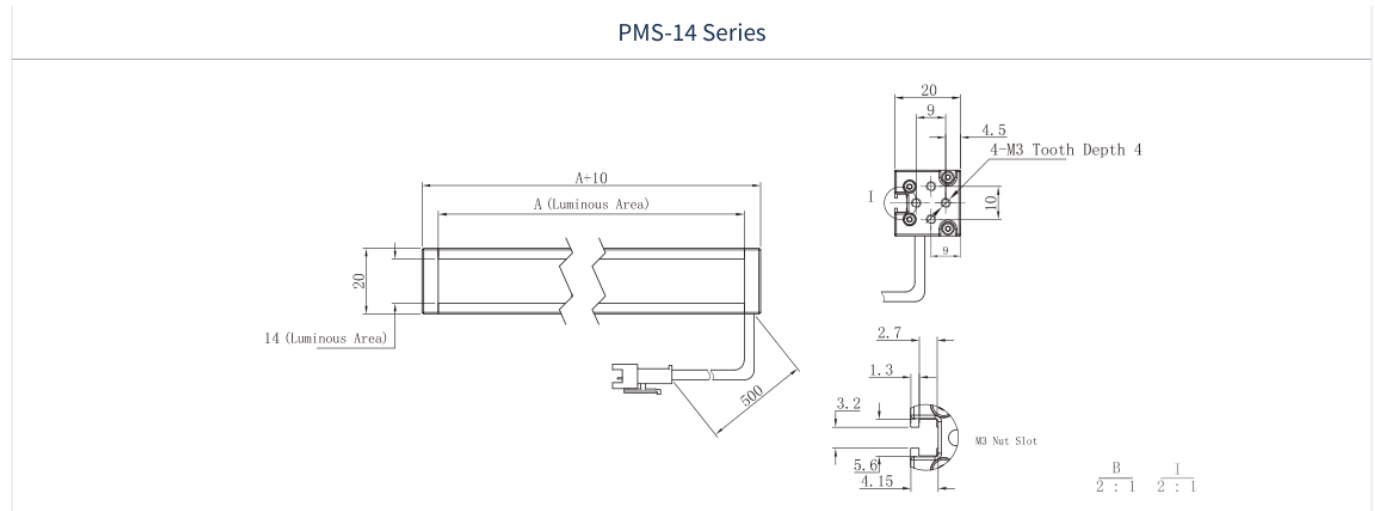
Color	Voltage	Power	Wavelength / CT
Red	24V	3.2W	625nm
White	24V	4.8W	6500K
Blue	24V	4.8W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

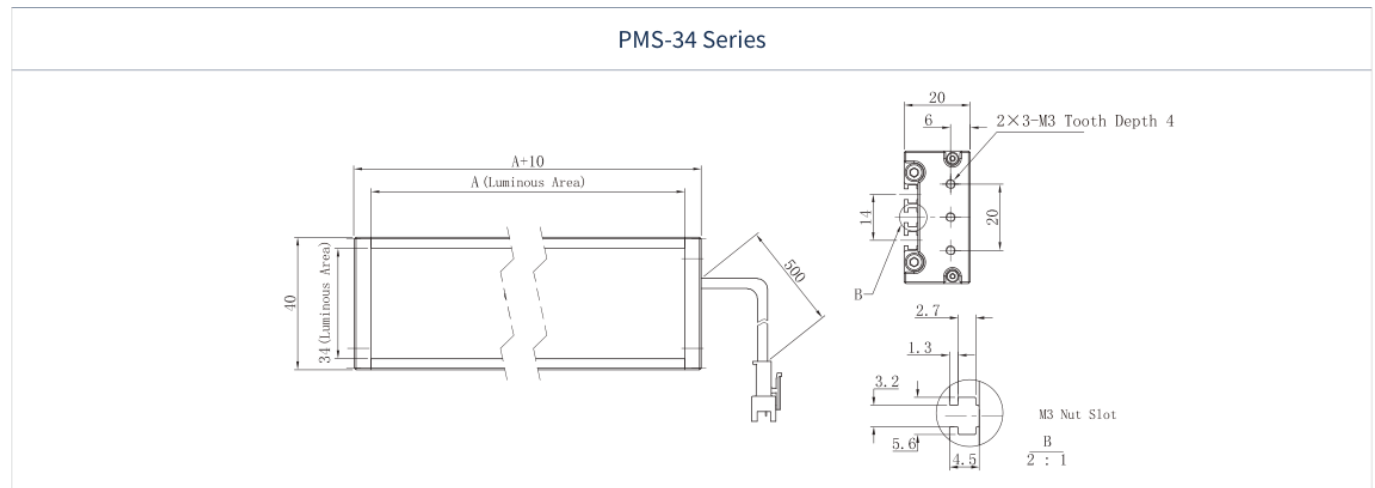
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

14 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



34 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



PMS-GBRL-250X14R/W/B

Bar Illumination

PMS-GBRL-250X14R/W/B bar illumination. Luminous area: 250mm × 14mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	250mm × 14mm
LED rows	3 rows
Option	Diffusion board
Housing length	260 mm (A + 10; A is luminous length)
Housing width	20 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	4 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

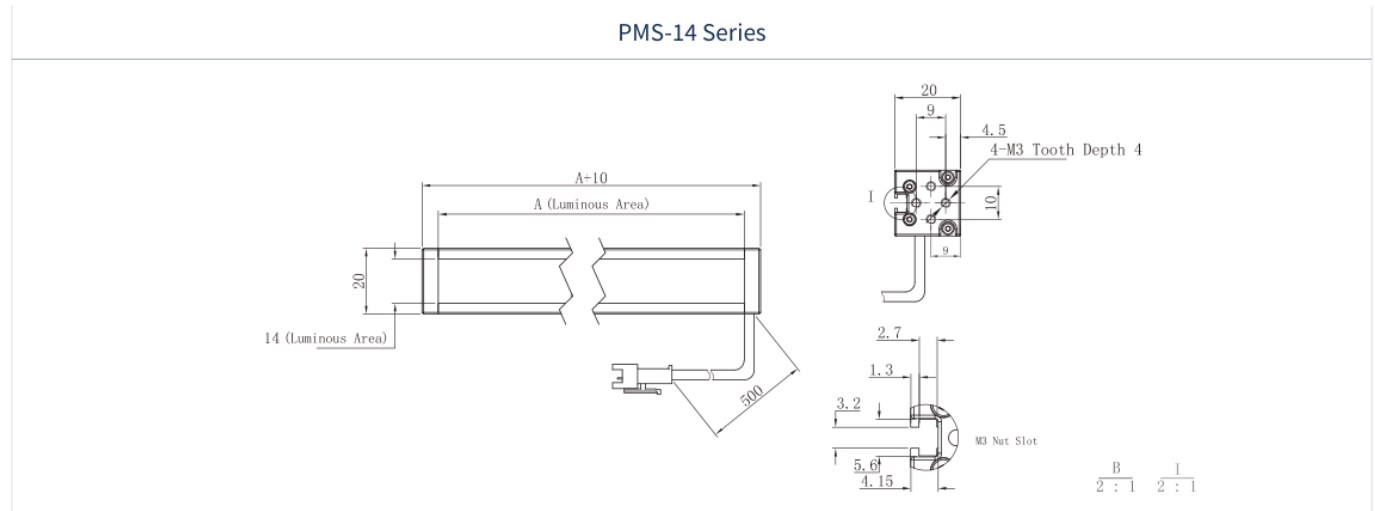
Color	Voltage	Power	Wavelength / CT
Red	24V	8W	625nm
White	24V	12W	6500K
Blue	24V	12W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

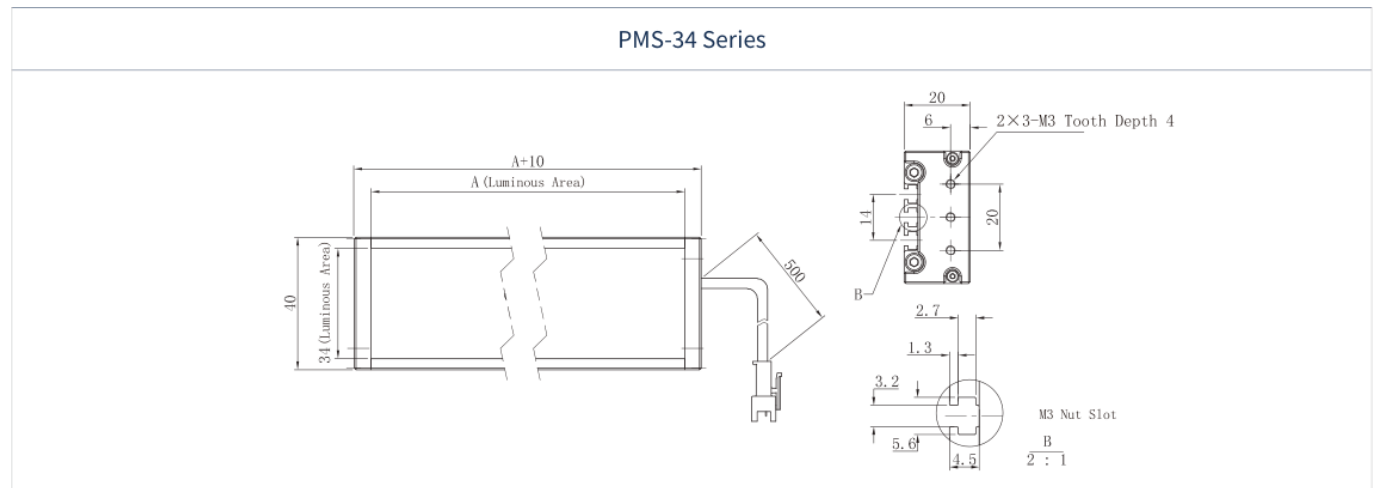
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

14 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



34 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



PMS-GBRL-300X14R/W/B

Bar Illumination

PMS-GBRL-300X14R/W/B bar illumination. Luminous area: 300mm × 14mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	300mm × 14mm
LED rows	3 rows
Option	Diffusion board
Housing length	310 mm (A + 10; A is luminous length)
Housing width	20 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	4 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

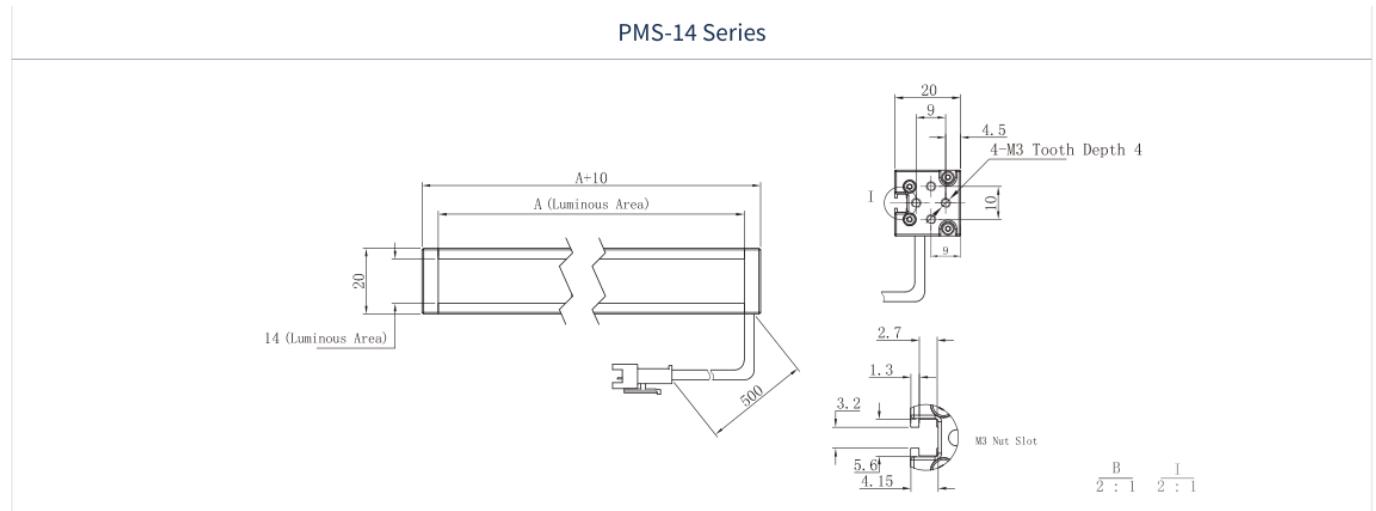
Color	Voltage	Power	Wavelength / CT
Red	24V	9.6W	625nm
White	24V	14.4W	6500K
Blue	24V	14.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

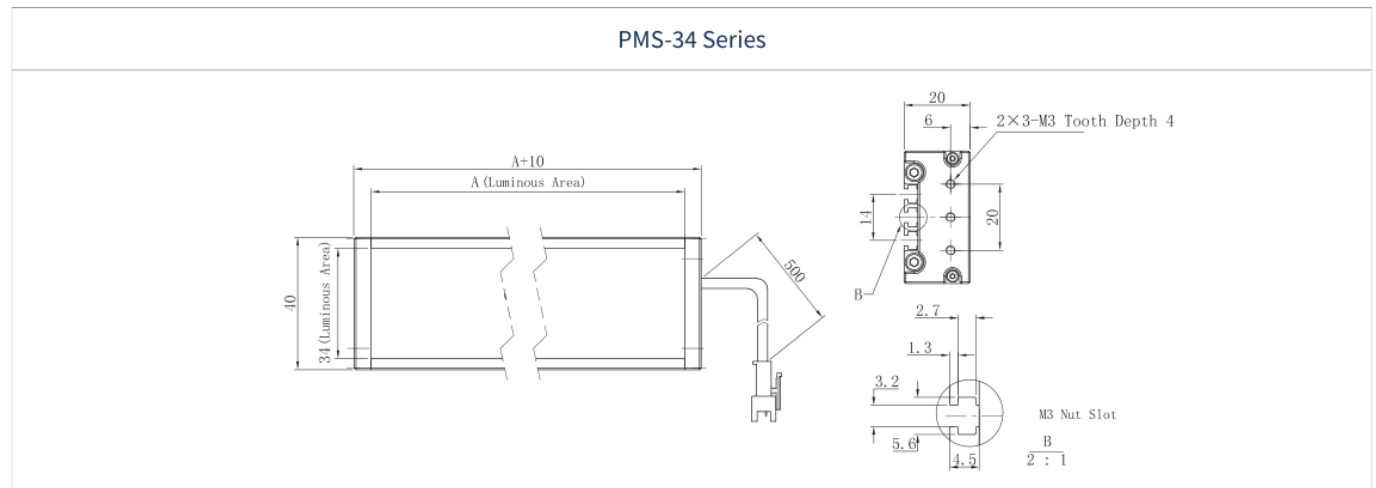
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

14 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



34 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



PMS-GBRL-50X34R/W/B

Bar Illumination

PMS-GBRL-50X34R/W/B bar illumination. Luminous area: 50mm × 34mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	50mm × 34mm
LED rows	6 rows
Option	Diffusion board
Housing length	60 mm (A + 10; A is luminous length)
Housing width	40 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	6 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

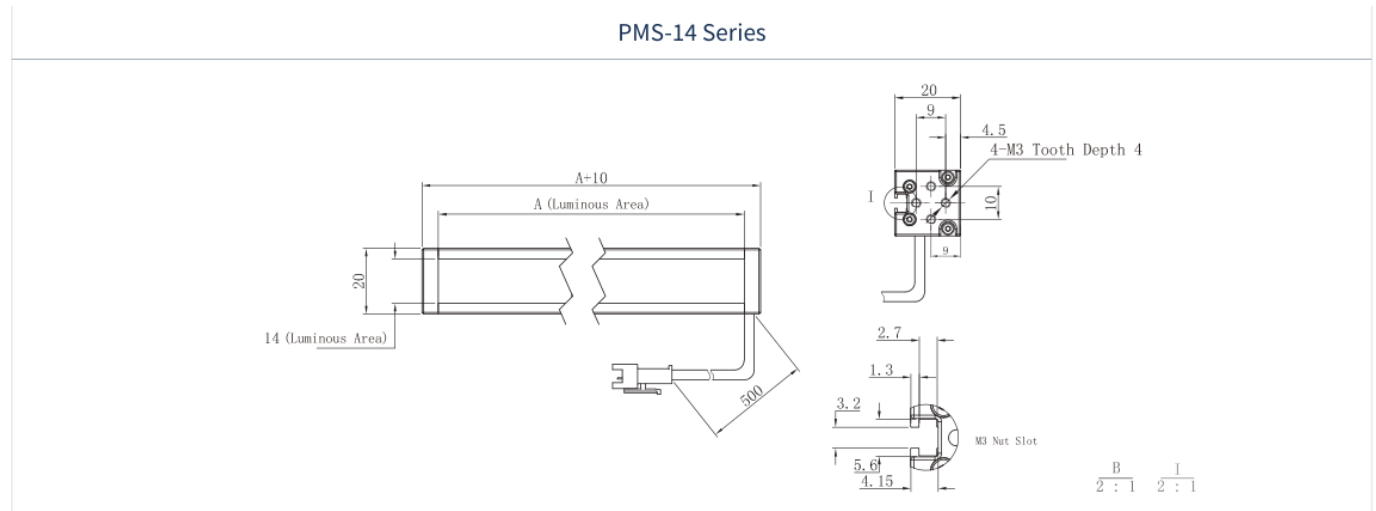
Color	Voltage	Power	Wavelength / CT
Red	24V	1.6W	625nm
White	24V	2.4W	6500K
Blue	24V	2.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

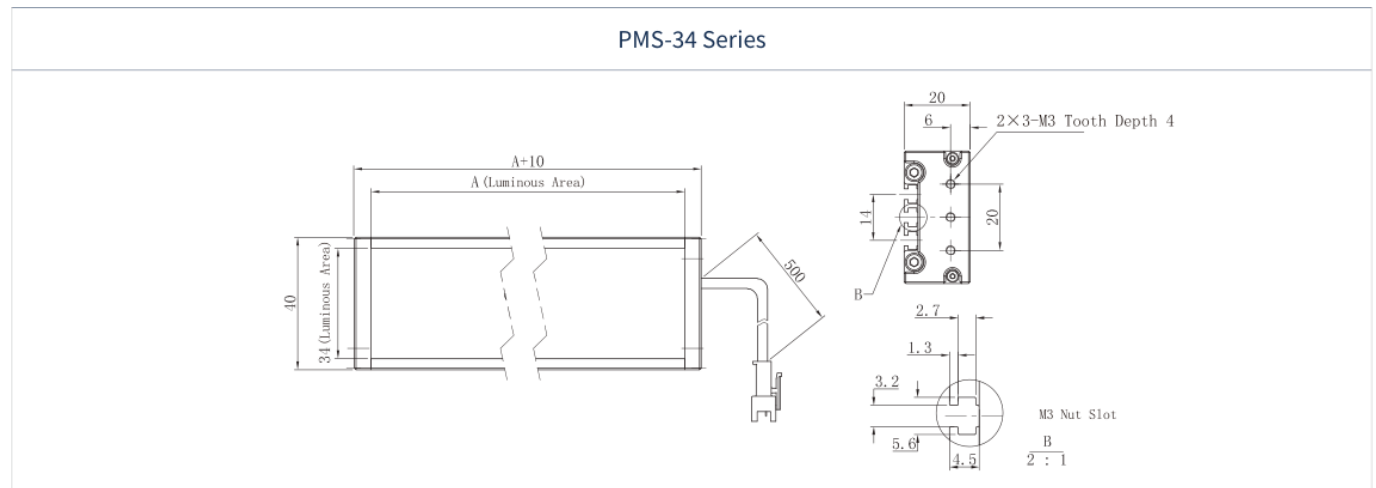
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

14 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



34 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



PMS-GBRL-100X34R/W/B

Bar Illumination

PMS-GBRL-100X34R/W/B bar illumination. Luminous area: 100mm × 34mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	100mm × 34mm
LED rows	6 rows
Option	Diffusion board
Housing length	110 mm (A + 10; A is luminous length)
Housing width	40 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	6 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

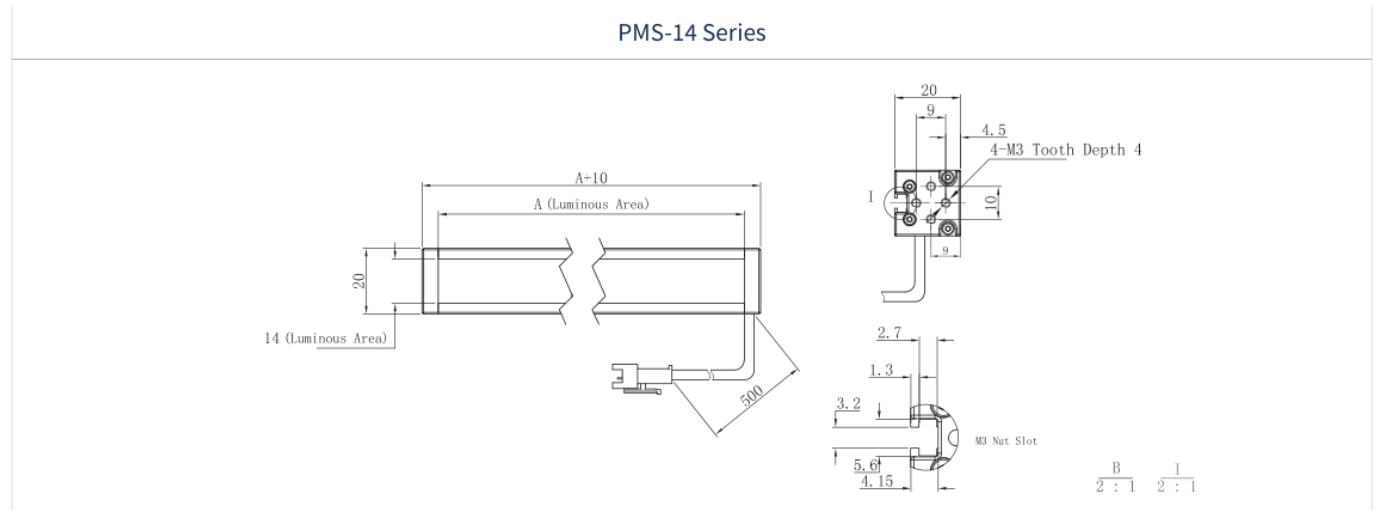
Color	Voltage	Power	Wavelength / CT
Red	24V	3.2W	625nm
White	24V	4.8W	6500K
Blue	24V	4.8W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

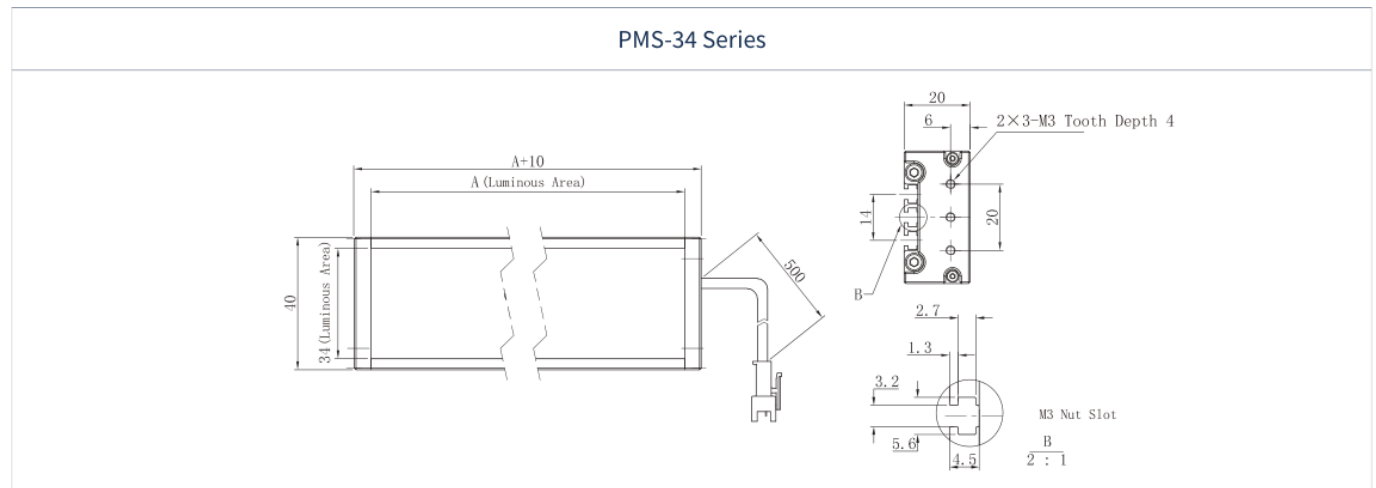
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

14 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



34 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



PMS-GBRL-150X34R/W/B

Bar Illumination

PMS-GBRL-150X34R/W/B bar illumination. Luminous area: 150mm × 34mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	150mm × 34mm
LED rows	6 rows
Option	Diffusion board
Housing length	160 mm (A + 10; A is luminous length)
Housing width	40 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	6 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

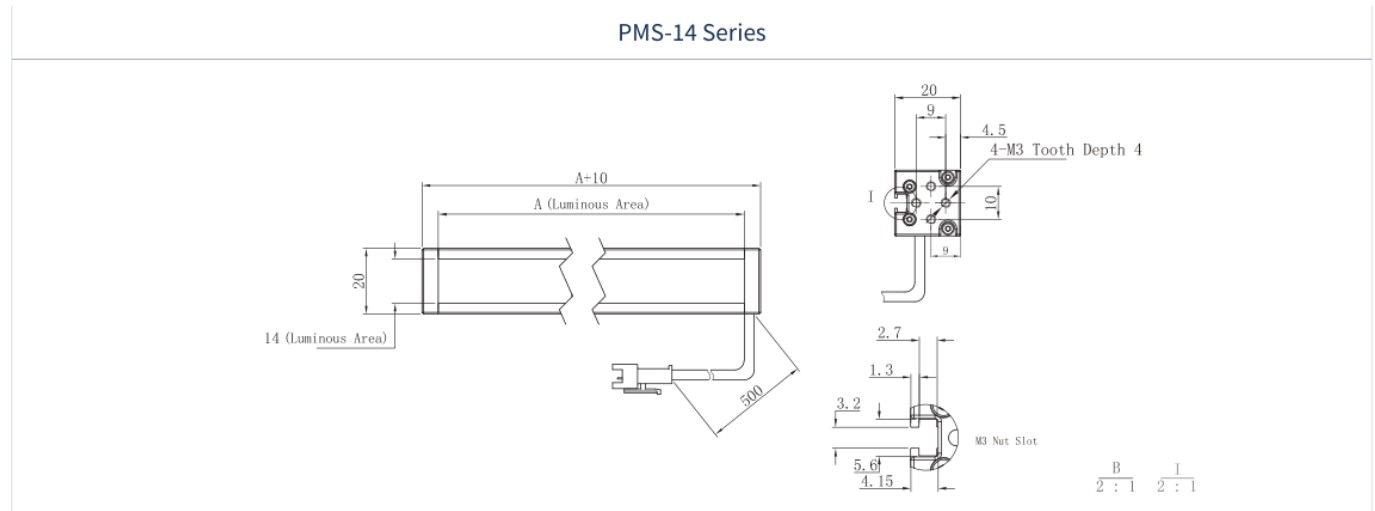
Color	Voltage	Power	Wavelength / CT
Red	24V	4.8W	625nm
White	24V	7.2W	6500K
Blue	24V	7.2W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

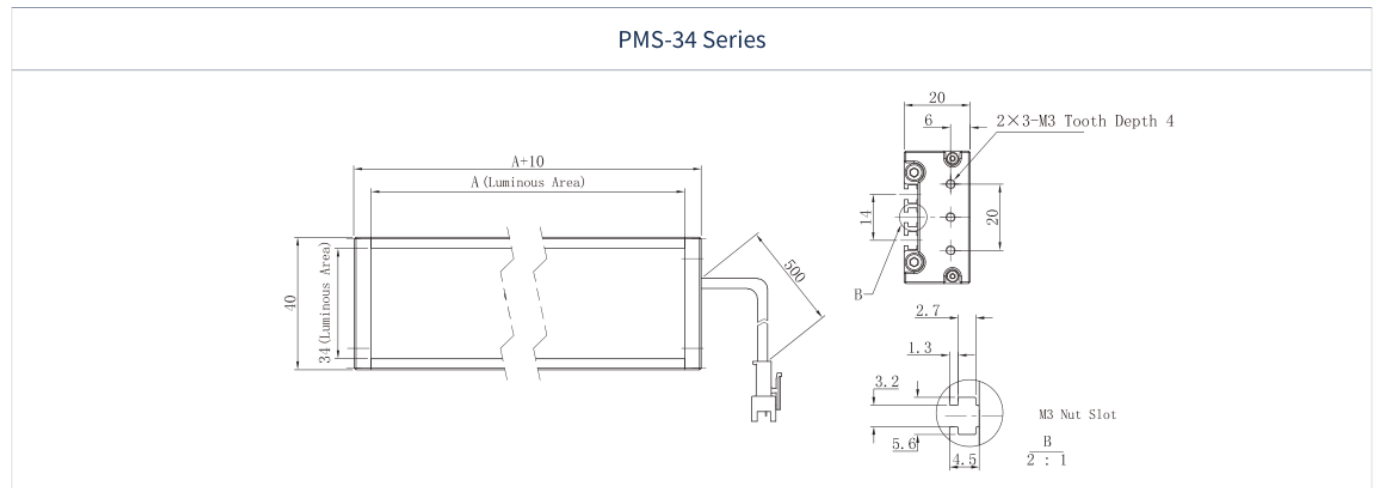
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

14 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



34 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



PMS-GBRL-200X34R/W/B

Bar Illumination

PMS-GBRL-200X34R/W/B bar illumination. Luminous area: 200mm × 34mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	200mm × 34mm
LED rows	6 rows
Option	Diffusion board
Housing length	210 mm (A + 10; A is luminous length)
Housing width	40 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	6 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	6.4W	625nm
White	24V	9.6W	6500K
Blue	24V	9.6W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

PMS-14 Series

Technical drawing of the PMS-14 Series LED strip light, showing dimensions and components.

Key dimensions and labels:

- 20 (Luminous Area)
- 14 (Luminous Area)
- A+10
- A (Luminous Area)
- 500
- 20
- 9
- 4.5
- 4-M3 Tooth Depth 4
- 10
- 9
- 2.7
- 1.3
- 3.2
- 5.6
- 4.15
- M3 Nut Slot
- B
- I
- 2 : 1
- 2 : 1

PMS-34 Series

Technical drawing of the PMS-34 Series LED light fixture, showing dimensions and mounting details.

Side View Dimensions:

- Overall Width: 40
- Luminous Area Width: 34 (Luminous Area)
- Overall Height: 50
- Mounting Bracket Height: 50

Top View Dimensions:

- Overall Width: 20
- Luminous Area Width: 14 (Luminous Area)
- Mounting Bracket Width: 14

Mounting Details:

- Mounting Bracket: 2x3-M3 Tooth Depth 4
- Mounting Bracket: M3 Nut Slot
- Mounting Bracket: B
- Mounting Bracket: P

Detail View Dimensions:

- Overall Width: 2.7
- Overall Height: 1.3
- Mounting Bracket Width: 3.2
- Mounting Bracket Height: 5.6
- Mounting Bracket Width: 4.5

PMS-GBRL-250X34R/W/B

Bar Illumination

PMS-GBRL-250X34R/W/B bar illumination. Luminous area: 250mm × 34mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	250mm × 34mm
LED rows	6 rows
Option	Diffusion board
Housing length	260 mm (A + 10; A is luminous length)
Housing width	40 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	6 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

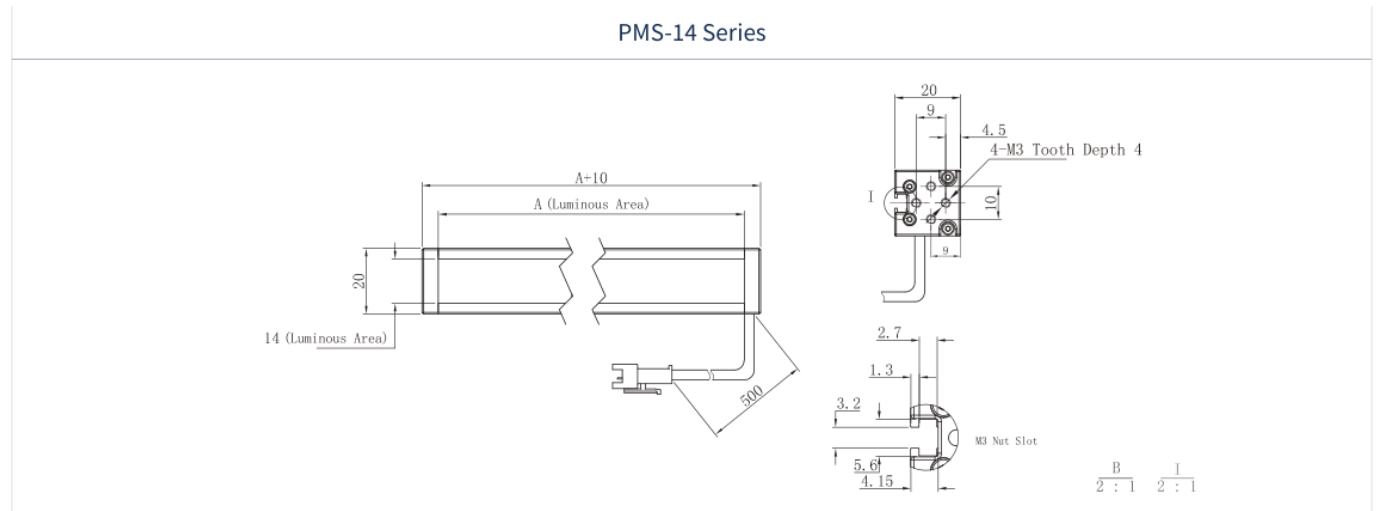
Color	Voltage	Power	Wavelength / CT
Red	24V	8W	625nm
White	24V	12W	6500K
Blue	24V	12W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

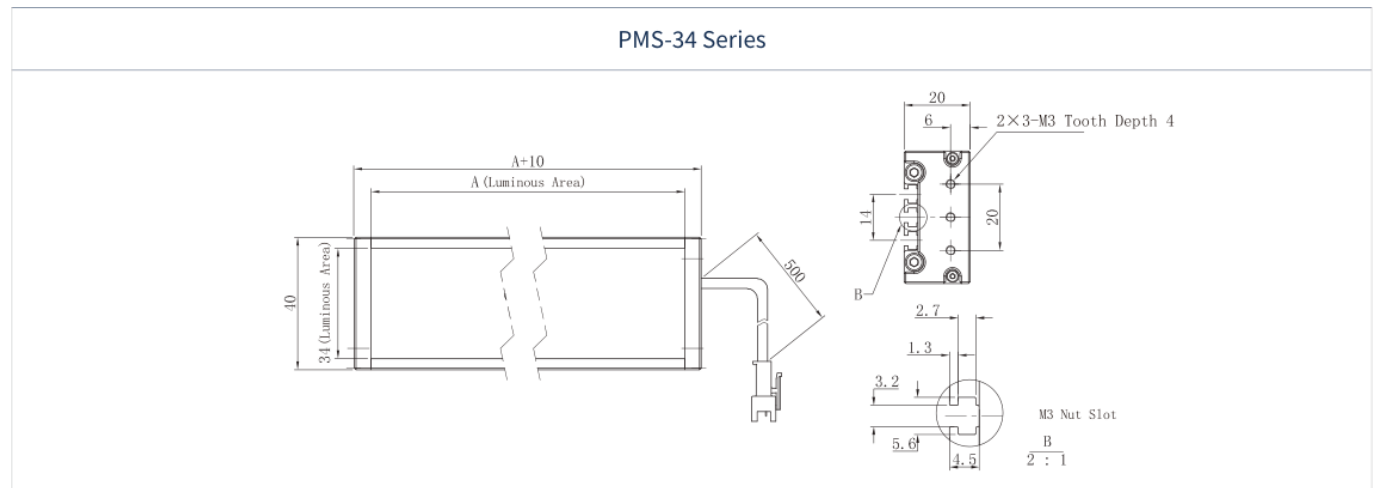
Specification notes

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

14 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



34 mm luminous-width bar series dimension drawing (mm); A is the model luminous length



PMS-GBRL-300X34R/W/B

Bar Illumination

PMS-GBRL-300X34R/W/B bar illumination. Luminous area: 300mm × 34mm. Modular strip lighting with adjustable irradiation angles for larger inspection areas.



Model specifications	
Luminous area	300mm × 34mm
LED rows	6 rows
Option	Diffusion board
Housing length	310 mm (A + 10; A is luminous length)
Housing width	40 mm
Housing height	20 mm
Cable length	500 mm
Mounting threads	6 × M3, 4 mm depth
Available colors	Red / White / Blue

Published color configurations

Color	Voltage	Power	Wavelength / CT
Red	24V	9.6W	625nm
White	24V	14.4W	6500K
Blue	24V	14.4W	470nm

Series parameters	
Series spectral options	Red: 620–630 nm or 645–660 nm; green: 525 nm; blue: 470 nm; white: 6500 K; infrared: 850–950 nm; ultraviolet: 365–395 nm
Matching controller	PMS-DPI2404-4-RS232T
Operating temperature	0–40 °C
Operating humidity	20–85% RH, non-condensing
Accessories	Diffusion plate (standard on some models); extension cable: 1, 3 or 5 m; standard cable length: 0.5 m
Expected service life	White light: more than 30,000 h at 25 °C and 50% brightness, to 50% attenuation
Customization	Object characteristics, working distance, irradiation angle, color and field of view can be specified on request

The series spectral options describe the broader range. The model color configurations establish the options and ratings published for this model.

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PMS-34 Series

Technical drawing of the PMS-34 Series LED strip light, showing side, top, and detail views with dimensions.

Side View Dimensions:

- Overall width: 40
- Luminous Area width: 34
- Overall length: A+10
- Luminous Area length: A (Luminous Area)
- Mounting bracket length: 500

Top View Dimensions:

- Overall width: 20
- Mounting hole spacing: 6
- Mounting hole diameter: 2x3-M3 Tooth Depth 4
- Mounting hole offset: 14
- Mounting hole diameter: 20

Detail View Dimensions (M3 Nut Slot):

- Slot width: 2.7
- Slot depth: 1.3
- Slot offset: 3.2
- Slot width: 5.6
- Slot width: 4.5
- Slot width: B
- Slot width: 2 : 1