

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)

