

YL-I-455/ 1-40W

DIODE LASER AT 455nm

The 455nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

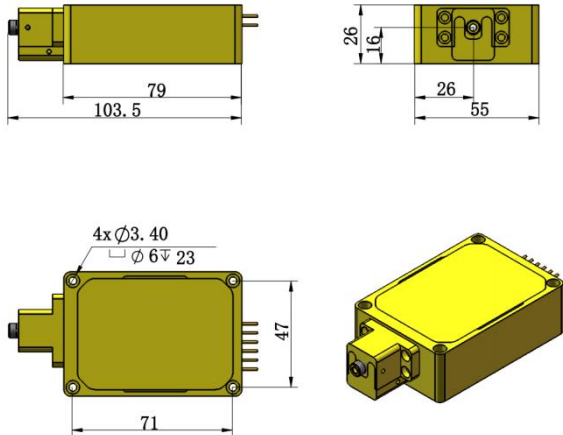
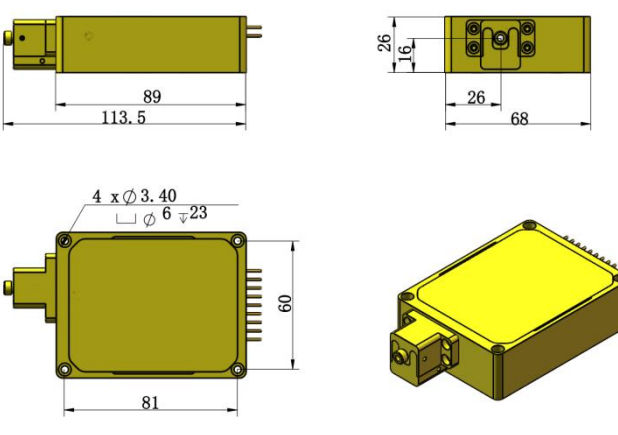
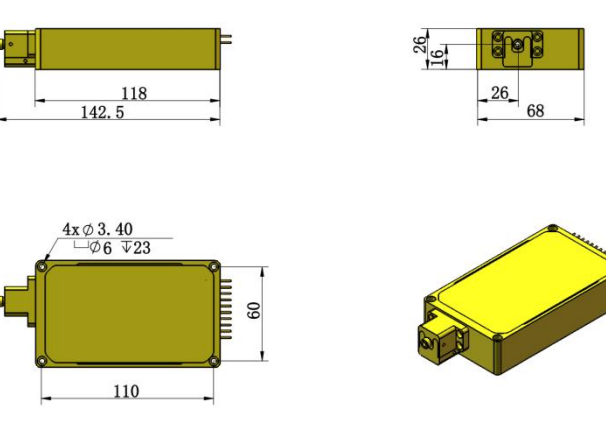


SPECIFICATIONS

Wavelength (nm)	455±5
Operating mode	CW
Output power (W) @ after 400um fiber ¹	1-40
Fiber Core Diameter (um)	100, 200, 400, 600, 0.22NA
Fiber Connector	SMA905, FC/PC optional
Fiber lengths ²	1m
Fiber Jacket	PVC, Metal optional
Power stability (rms, 4 hours±3°C)	<2% , <1%
Cooled method	Air cooled
Warm-up time (minutes)	<5
Operating temperature (°C)	0-30
Operating voltage (VAC)	100-240
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	>10000

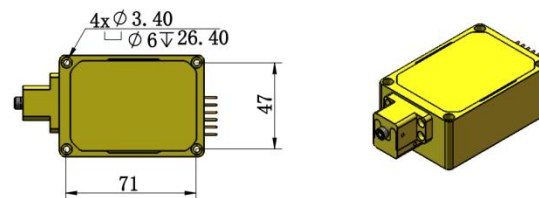
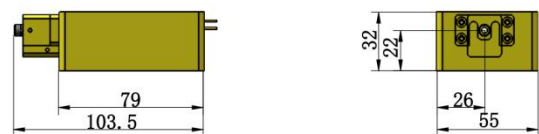


LASER HEAD (Without TEC)

 1-15W 103.6 (L)*55 (W)*26 (H) mm³, 0.86kg	 16-30W 113.5 (L)*68 (W)*26 (H) mm³, 1.12kg	 31-40W 142.5 (L)*68 (W)*26 (H) mm³, 1.48kg
--	--	---

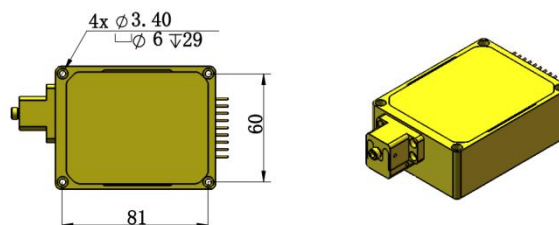
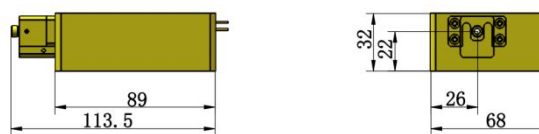
Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068

LASER HEAD (With TEC)



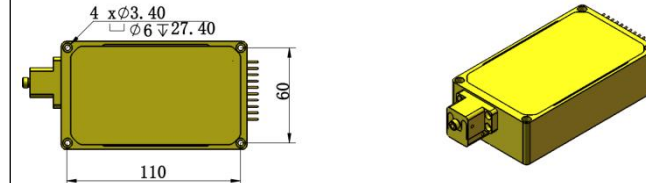
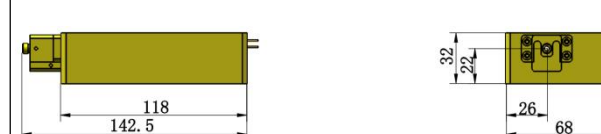
1-15W

103.6 (L)*55 (W)*32 (H) mm³, 0.83kg



16-30W

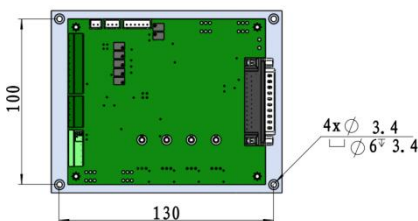
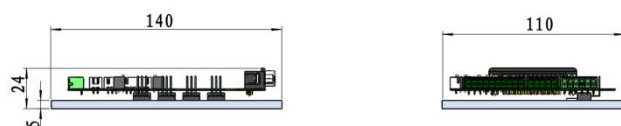
113.5 (L)*68 (W)*32 (H) mm³, 1.1kg



31-40W

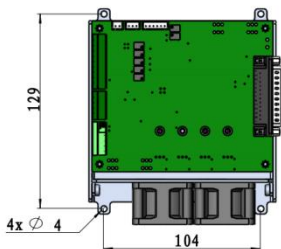
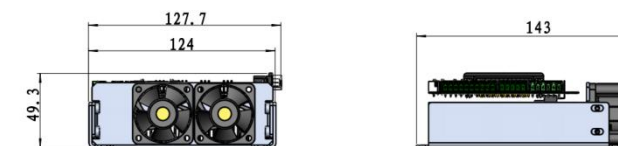
142.5 (L)*68 (W)*32 (H) mm³, 1.43kg

DRIVER (Optional)



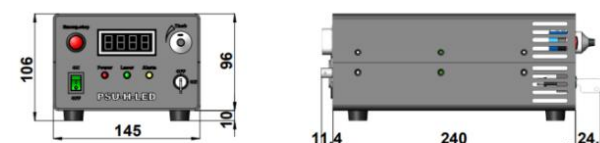
WT-GOLD

140 (L)*110 (W)*24 (H) mm³, 0.5kg



WT-GOLD

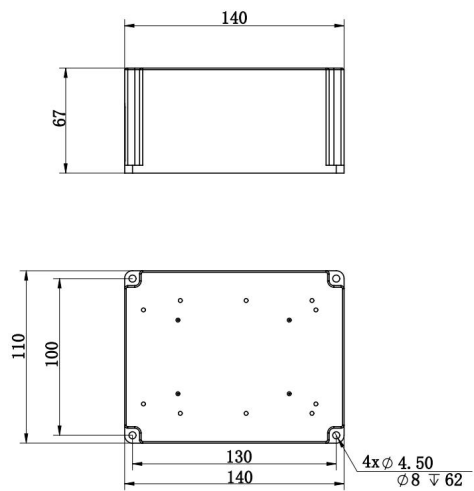
143 (L)*127.7 (W)*49.3 (H) mm³, 0.9kg



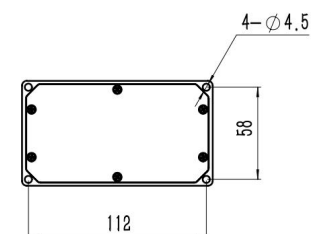
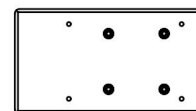
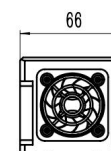
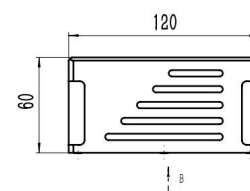
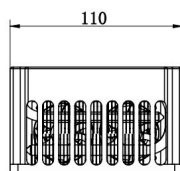
PSU-H-LED

276.2 (L)*145 (W)*106 (H) mm³, 2.9kg

HEATSINK



140 (L)*110 (W)*67 (H) mm³, 1.51kg



120 (L)*66 (W)*60 (H) mm³, 0.6kg

- 1 Any power level can be selected in this range.
- 2 other lengths are available on request.