

DPSSL - Series (473nm -Blue Laser)

Diode-Pumped All Solid-State Lasers

PHOTONIK ^{hv}



APPLICATIONS

*Precision laser measurement
Optical alignment
Optical collimation
Laser color printing or scanning
Biological material research
Laser medical instrument
Laser show and entertainment*

FEATURES

*All solid-state and very compact design
Diode pumped and frequency-doubled;
Continuous-wave output;
High beam quality and high stability*

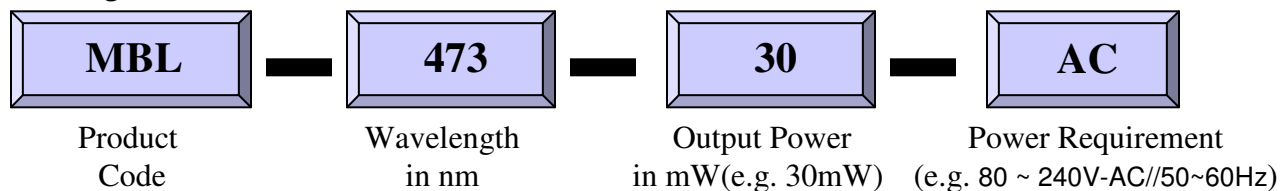
Main Specifications:

Operation Wavelength:	473 nm (BLUE)
Operation Mode:	CW; Modulated
Beam Profile:	TEM ₀₀ (Single transverse mode)
Output Power:	5:≥5mW; 10:≥10mW; 30:≥30mW; 50:≥50mW; 100:≥100mW;
Beam Diameter(1/e ²):	1.0mm typical; (Optional: beam adjustable/focusable, or with multimode silica fiber coupled output, etc, upon request)
Power Stability:	< 5% typical;
Beam Divergence:	0.5 mrad typical; < 1.0mrad max.
Operation Temperature:	0° C ~ 60° C
Dimension(Laser Head):	46.2mm(H) x 73mm(W) x 170mm(L) or OEM
Laser Driver:	Constant current; Key lock switch; TTL (DC ~ 10KHz typ.) or Analog(upon request)
Power Requirement:	DC driver options: 5D: 5V-DC; 12D: 12V-DC; AC driver option: AC: 80 ~ 240V-AC//50~60Hz;

Warranty: 12 months standard. All products are guaranteed to be free from defects in materials and workmanship for a period of one year from date of purchase. Photonik reserves the right to repair or replace defective products at our option. This warranty does not apply to failure of the product due to misuse, abuse, accident, or neglect. Our liability is limited to the price of the part or service we are providing.

Photonik reserves the rights to change product designs and specifications at any time without notice.

Ordering Information:



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