

**DLM-445**

**BLUE LASERS: 445 nm, 1000 mW**



- **TEC cooled**
- **Longlife operation**
- **Analog/TTL modulation**
- **Collimated straight beam**
- **High efficiency**
- **High reliability**

**APPLICATIONS**

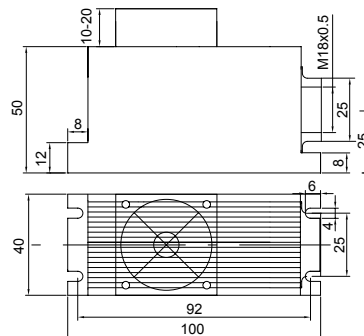
- **Laser show**
- **Display**
- **Laser Alignment**
- **Scanning Biochemistry**
- **Material Inspection LIDAR**

**SPECIFICATIONS**

Wavelength	445 nm
Spatial Mode	Near TEM <sub>00</sub>
Output Power	1000 mW
Operation Mode	CW or Modulation
Modulation	0~30 khz Analog or TTL
Beam Size	4 mm (square)
Beam Divergence (full angle)	<0.5 mrad
Power Stability	<3% per 4 hrs
Temperature Stabilizing	TEC
Warm Up Time	<1 minute
Expected Lifetime	10,000 hrs
Laser Head Dimensions	40(W) × 100(L) × 50(H) mm (optional fan adds 15 mm height)
<b>POWER SUPPLY</b>	
OEM type <b>EO-PS-I</b>	58(W) × 100(L) × 32(H) mm AC/DC PSU: 85~265 V 50/60 Hz input
Lab type <b>EO-PS-IIS</b>	104(W) × 128(L) × 89(H) mm 85~265V 50/60 Hz input
Lab Adjustable type <b>EO-PS-II</b>	179(W) × 148(L) × 56(H) mm 85~265 V 50/60 Hz input

**ORDERING INFORMATION**

Catalogue number	Description
DLM-445-1000	1000 mW
EO-PS-I	OEM Type power supply
EO-PS-IIS	Lab type power supply
EO-PS-II	Lab adjustable type power supply



**POWER SUPPLIES**

- **OEM power supply EO-PS-I**
- **Lab type power supply EO-PS-IIS**
- **Lab adjustable type power supply EO-PS-II**



**RELATED PRODUCTS**

Laser Safety Eyewear

See page 1.16.

