

ZBD-LM-450-5000M-PD01



■ Parameters

| | |
|--|---------------------|
| Wavelength | 450±5nm |
| Optical Power | Min: 4.5W, Typ: 5W |
| Divergence angle ($\theta_x \cdot \theta_y$) | 1.8×0.9 mrad |
| Beam size @ output aperture(x · y) | 6×4mm |
| Power Supply | DC 12V 2A |
| Working Condition | CW |
| Power Stability | ≤5% |
| Modulation | 0-5V PWM, f ≤ 30kHz |
| Operating Temperature | 0~35℃ |
| Storage Temperature | -40~85℃ |

■ Beam Divergence

| Far-Field beam size /mm | | | | Angle/° | | milliradian | |
|-------------------------|--------|----------------|--------|---------|--------|-------------|--------|
| Distance L=50M | | Distance L=10M | | X-axis | Y-axis | X-axis | Y-axis |
| X-axis | Y-axis | X-axis | Y-axis | X-axis | Y-axis | X-axis | Y-axis |
| 90 | 45 | 18 | 9 | 0.103 | 0.052 | 1.8 | 0.9 |

■ Outline Dimensions (unit : mm)

