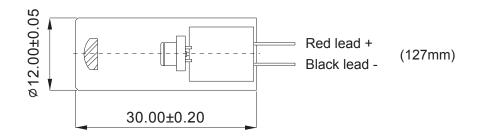
MODEL TYPE

VLM-635-15 LPA / VLM-635-15 LPT VLM-650-15 LPA / VLM-650-15 LPT

OUTLINE DIMENSIONS (UNITS: mm)



- 1. Aspheric glass lens for the best temperature tolerance. For laser leveling, precision, and professional applications, the PCB is protected inside of the brass housing. The broadest temperature range in operation.
- 2. 0.8 mrad divergence angle.
- 3. Options: Output power: Class II less than 1mW / Class IIIa less than 5mW
- 4. E.S.D. protection 15KV.

SPECIFICATIONS	635-15	650-15
Operating voltage (Vop)	3 ~ 5V	
Operating current (lop)	40±15mA	
Cw output power (Po)	≤ 3.5mW	
Wavelength at peak emission (λ p)	630 ~ 645nm	645 ~ 665nm
Collimating lens	Aspherical glass (Ø6.5)	
Housing	Brass	
Spot size at 5m	6±2mm	
Divergence	0.8 mrad	
Mean time to failure (MTTF) 3mW 25°C	5000 hrs	10000 hrs
Operating temp. range	-30°C ~ +50°C	
Storage temp. range	-40°C ~ +70°C	

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