

4 x 1 Power LED Module Warm White 340lm

Order code: **55-2407**

MPN: OSPL4X01-M5Z3E1E1E

Descriptions:

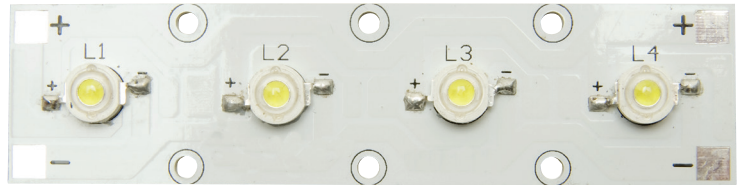
- Green light source, fast response
- Long life, easy installation
- 140deg

Features:

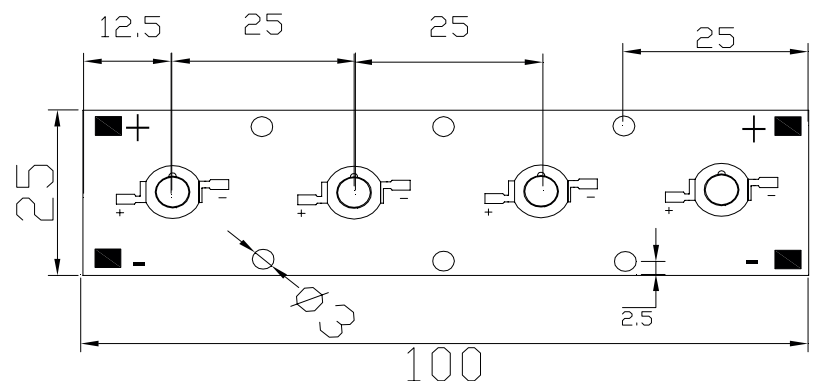
- High lumen output
- Big emitting angle
- Superior ESD protection
- Superior UV resistance

Applications

- Small space lighting
- Mechanical equipment lights

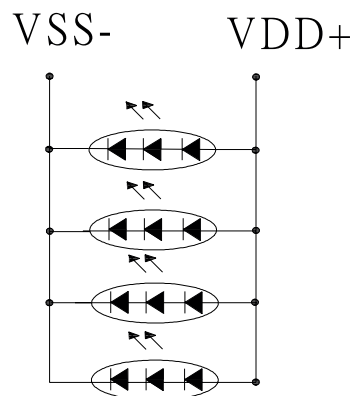


Outline dimensions:



Unit: mm Tolerance: $\pm 0.30\text{mm}$

Product circuit



Device selection guide

Order code	MPN	Colour	Colour temperature (Typ.)	Overall luminous flux
55-2407	OSPL4X01-M5Z3E1E1E	Warm white	3000K	340lm

Absolute maximum rating (Ta=25°C)

Item	Symbol	Values	Units
Operating supply range (DC)	V _{dc}	11.4	V
Input current (DC)	I _i	600	mA
Power dissipation	P _a	6.8	W
Operating temperature	T _{ope}	-10~+40	°C
Storage temperature	T _{stg}	-20~+80	°C

Typical performance (Ta=25°C)

Items	Symbol	Minimum	Typical	Maximum	Units
LED module power	P _m	–	4.8	6.8	W
Input voltage (DC)	V _i	–	10	11.4	V
Product input current	I _f	–	480	600	mA
Beam pattern	BP	–	120	–	Deg
PCB dimensions	L _{mod.}	–	100 x 25	–	mm
Net weight	Wei.	---	14	---	g

Product handling:

- Please do not use a force of over 3kgf impact or pressure on the silicone lens, otherwise it will cause a catastrophic failure.
- The LEDs should only be picked up by making contact with the sides of the LED body.
- Avoid touching the silicone lens especially by sharp tools such as tweezers.
- Avoid leaving fingerprints on the silicone lens.
- Please store the LEDs away from dusty areas or seal the product against dust.
- When populating boards in SMT production, there are basically no restrictions regarding the form of the pick and place nozzle, except that mechanical pressure on the silicone lens must be prevented.
- Please do not mould over the silicone lens with another resin. (epoxy, urethane, etc)

