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Dioda LED FYLP-1W-UWH biała zimna



Dane techniczne:

Nazwa: Dioda LED mocy

Symbol: FYLP-1W-UWH

Strumień świetlny: 85lm

Moc: 1W

Maksymalny prąd diody LED: 350mA

Napięcie pracy: 3-4V

Kolor diody LED: biały zimny

Kąt świecenia: 120°

www.podzespoly-elektroniczne.pl

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HIGH POWER

FYLP-1W-UWH

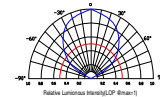
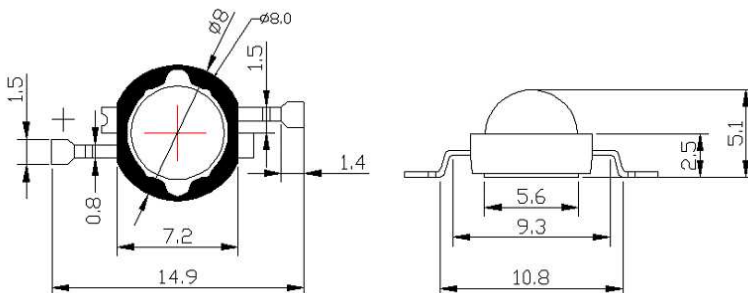
Features:

- Long operating life
- Highest flux
- Lambertian radiation pattern
- More energy efficient than incandescent and most halogen lamps
- Available in White
- Low voltage DC operated
- Cool beam, safe to the touch
- Instant light (less than 100ns)
- Fully dimmable
- No UV
- ROHS compliant

Applications

- Reading lights(car, bus, aircraft)
- LCD Backlights /light Guides
- Fiber optic alternative/Decorative/Entertainment
- Indoor/Outdoor commercial and Residential Architectural
- Mini-a ccent/Up lighters/Down lighters/ Orientation
- Cove/Under shelf /Task
- Bollards/Security/Garden
- Portable(flashlight, bicycle)
- Edge-lit signs (Exit, point of sale)
- Automotive Exit (stop –tail-Turn ,CHMSL, Mirror Side Repeat)
- Traffic signaling /Beacons/Railcrossing and Wayside

Package Dimensions



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is $\pm 0.2\text{mm}$ unless otherwise noted.

HIGH POWER

■ Typical Optical/Electrical Characteristics@TJ=25℃

Item	symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	VF	IF=350mA	3.0	-	4.0	V
Reverse Current	IR	VR=5V	.	.	50	uA
50% Power Angle	2• _{1/2}	IF=350mA	110	120	130	deg
Luminous Intensity	• v	IF=350mA	75	85		LM
Recommend Forward Current	IF	.	.	350	.	mA
Chromaticity	TC	IF=350mA	6000		7000	K
Thermal Resistance, Junction to Case	R _{jc}	IF=350mA	.	10	.	• / W

- Notes: 1. Tolerance of measurement of forward voltage $\pm 0.1V$
 2. Tolerance of measurement of peak Wavelength $\pm 2.0nm$
 3. Tolerance of measurement of luminous intensity $\pm 15\%$.

■ Absolute Maximum Rating

Item	symbol	Absolute Maximum Rating	Unit
Forward Current	IF	350	mA
Peak Forward Current*	IFD	500	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	1000	mW
Operation Temperature	T _{OPR}	-30℃ to +80℃	
Storage Temperature	T _{STG}	-40℃ to +100℃	
Lead Soldering Temperature*	T _{SOL}	260℃ for 3 Seconds Max	

- IFP Conditions :Pulse Width.10 msec duty.1/10
- All high Power emitter LED products mounted on aluminum metal-core printed circuit board, can be lighted directly ,but we do not recommend lighting the high power products for more than 5 seconds without a directly, but we do not recommend lighting the high power products for more than 5 seconds without a appropriate heat dissipation equipment.
- Re-flow, wave peak and soak-stannum soldering etc. is not suitable for this products.
- Suggest to solder it by professional high power LED soldering machine.
- Can use invariable -temperature searing-iron with soldering condition: .260 degree less than 3 seconds.

HIGH POWER

- Typical optical/Electrical Characteristics Curves ($T_j=25^\circ\text{C}$ Unless Otherwise Noted)

