

LED 1W Cool White



Quick Details

- Type: High Power LED
- Model Number: XY-E01BRFH-D
- Chip Material: InGaN
- Emitting Color: Cool White
- Luminous Flux(lm): 100-120lm
- Power: 1W
- Viewing Angle(°): 120
- Color Rendering Index(Ra): 75
- Color Temperature: 6000-6500K
- Operating Temperature(°C): -30 - +60
- Storage Temperature(°C): -30 - +60
- Place of Origin: Guangdong, China (Mainland)
- Brand Name: Crescent
- Certification: RoHS

Packaging & Delivery

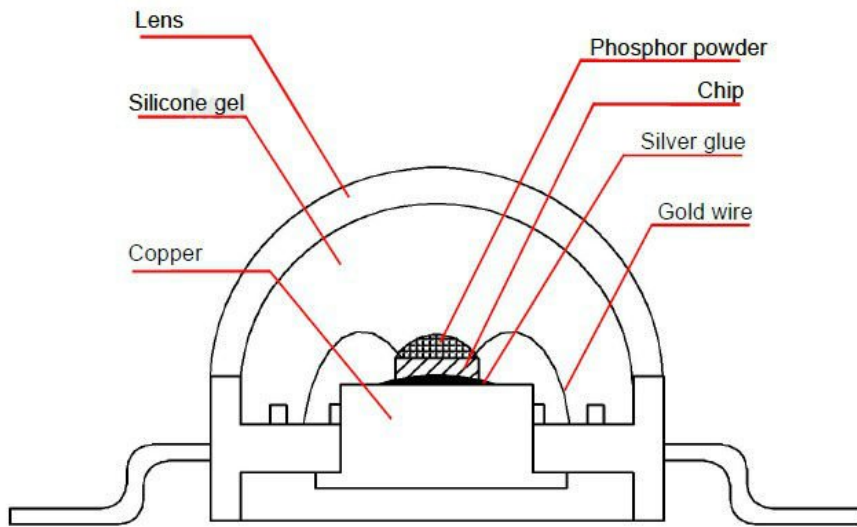
Packaging Details: antistatic bag

Delivery Detail: 2-5 working days

Specifications

- 1.LED by InGaN or AllnGaP Chip inside
- 2.Good for SMT Process
- 3.All Metal Design Cu PCB
- 4.Comply RoHS standard

1.Structure of 1W high power led from Shenzhen Crescent Optoelectronic Co.,Ltd



2.Specifications of 1W high power led from Shenzhen Crescent Optoelectronic Co.,Ltd

Part Number	Emitting Color	Forward Current(mA)	Power Dissipation(W)	Wavelength(nm) CCT(K)	Driver Voltage(V)	Luminous Flux(Lm)
XY-E01BRB1D	Red	350	0.84	620-630	2.0-2.4	35-45
XY-E01DYC1D	Yellow	350	0.84	585-595	2.0-2.4	35-45
XY-E01BBE1D	Blue	350	1.19	460-470	3.2-3.4	15-25
XY-E01BGF1D	Green	350	1.19	520-530	3.2-3.4	50-80
XY-E01AWE1D	White	350	1.19	2700-10000	3.2-3.4	110-120
XY-E01BFE1D	Pink	350	1.19	1500-2000	3.2-3.4	40-60
XY-	Purple	350	1.19	2000-2500	3.2-3.4	40-60

E01BZE1D						
----------	--	--	--	--	--	--



Characteristic parameters for indoor use (At TA=25°C)

Parameter	Symbol	Ratings	Units
Power Dissipation	P_D	1.1	W
Continuous Forward Current	I_F	350	mA
Peak Forward Current	$I_F(\text{Peak})$	1,000	mA
LED Junction Temperature	T_J	125	°C
Reverse Voltage	V_R	5	V
Operating Temperature Range	T_{OPR}	-30°C To +60°C	
Storage Temperature Range	T_{STG}	-30°C To +60°C	
Manual Soldering Temperature	T_{SOL}	350°C± 20°C For 3 Seconds	
Soldering on a heat plate	T_{SOL}	190°C± 10°C For 20Seconds	
ESD Sensitivity	ESD	2,000V HBM	

3.Applications of 1W high power led from Shenzhen Crescent Optoelectronic Co.,Ltd



4. Package of 1W high power led from Shenzhen Crescent Optoelectronic Co.,Ltd

		
<p>1、 50PCS/Article</p>	<p>2、 500pcs/Package</p>	<p>3、 3000pcs/Box</p>

5. Shenzhen Crescent Optoelectronic Co.,Ltd