Specification

——DLM-PW10

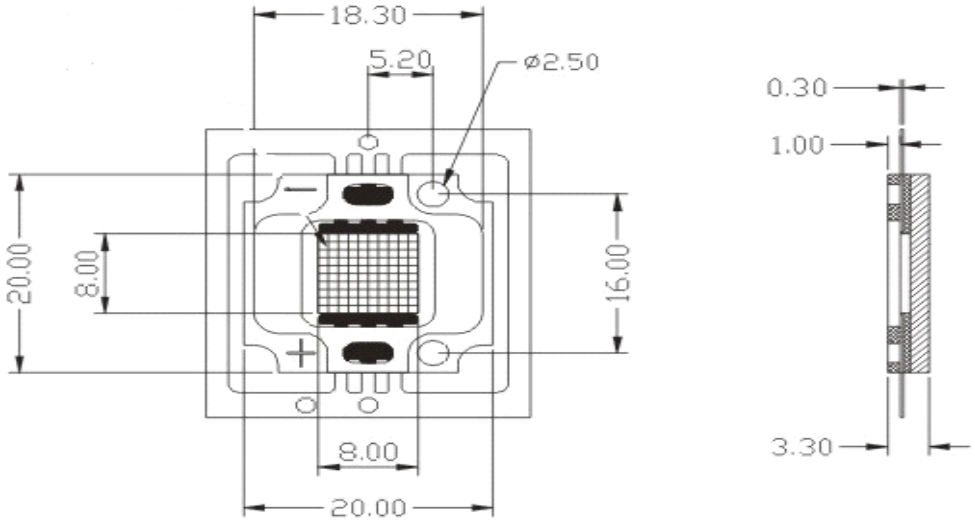
1 Features

* Super light flux output and high luminance
* Wide viewing angle:140°

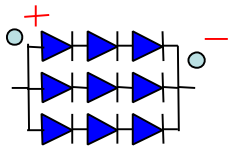
2 Applications

Outdoor&indoor architectural lighting,Decorative lighting

3 Outline Dimensions



Circuit diagram



Note:

1. All dimensions are milimeter.
2. Tolerance is ±0.25mm unless noted

Specification

——DLM-PW10

4 Absolute Maximum Ratings（Ta=25c）

No.	Parameter	Symbol	Value	unit
1	Power Dissipation	P_D	10	W
2	Forward Current	I_F	1050	mA
3	Peak pulse Current	I_{FP}	1050	mA
4	Reverse Voltage	V_R	50	V
5	Junction Temperature	T_J	120	℃
6	Operating temperature	T_{opr}	-30 ～ +60	℃
7	Storage temperature	T_{stg}	-40 ～ +85	℃

5 Electrical and optical characteristics（Ta=25℃）

No.	Parameter	Symbol	Test condition	Min	typ	max	unit
1	Forward Voltage	V_F	I f=1050mA	9.0	---	11.0	V
2	Luminous Flux	Φ_V	I f=1050mA	---	950	---	Lm
3	Color Temperature	CCT	I f=1050mA	5000	---	8000	K
4	Viewing Angle	2θ ½	I f=1050mA	---	140	---	Deg

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6 Flux&Color Binging

Luminous Flux Bins (Ta=25C)

unit: lm

Bin	E0	F0
Min	700	850
Max	850	1000

CCT Bins (Ta=25C)

unit: K

Bin	W6	W7	W8	W9
Min	5000	5600	6300	7000
Max	5600	6300	7000	8000

Note:

1 . Flux is measured with an accuracy of ±15%

2. CCT is measured with an accuracy of ±200K

3 . Forward voltage is measured with an accuracy of ±0.15K