XINGLIGHT®

技术数据表

3535 球头彩 3W

特点（C ）：

* L/W/H 3.5*3.5*2.0 mm

Outline Dimensions (L/W/H 3.5*3.5*2.0 mm

* : RGB/

Luminous color and colloid:Colorful RGB/Transparent colloid

*

High light output power

*

Long life and low light attenuation

* ROHS

Environmental protection products meet ROHS requirements

* MSL :3

Moisture sensitivity level MSL : 3 levels

应用领域（P ）：

* /

Mobile camera flash (camera flash / strobe for mobile devices)

* DV

Flashlight for DV (digital video) applications

*

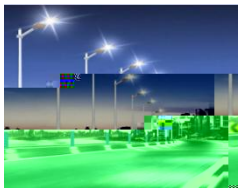
Signal and symbol lights

*

Exterior and interior lighting applications

*

Decorative and entertainment lighting



光电参数 Ta=25 Optical-electrical parameter(ta=25)

Parameter	Symbol	Color	Min	Typ	Max	Unit	Test conditions
Forward voltage	VF	R	1.8	-	2.4	V	IF=350mA
		G	2.8	-	3.4	V	IF=350mA
		B	2.8	-	3.4	V	IF=350mA
Luminous flux	Φ	R	33	-	60	LM	IF=350mA
		G	60	-	100	LM	IF=350mA
		B	20	-	35	LM	IF=350mA
Dominant wave length	λ D	R	615	-	635	nm	IF=350mA
		G	515	-	535	nm	IF=350mA
		B	450	-	470	nm	IF=350mA
Peak wavelength	λ P	R	-	622	-	nm	IF=350mA
		G	-	522	-	nm	IF=350mA
		B	-	463	-	nm	IF=350mA
Half light angle	2θ1/2	R/G/B	-	120	-	Deg	IF=350mA
Junctiontemperature	TJ	R/G/B	-	-	125		IF=350mA
Reverse current	IR	R/G/B	-	-	10	uA	VR=5V

± 10% ± 0.1V (X,Y) ± 0.01 ± 1nm

Note: the light intensity error is 10%;The pressure drop error is ± 0.1V;(X,Y) coordinate deviation ± 0.01 wavelength error ± 1 nm.

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