

電球色/超広角電球色 LED ランプ

Warm White / Wide View Angle Warm White LED Lamp

SDPL Wide View Angle

SDPL
Series



写真のLEDランプは、ストッパー無タイプです。
This picture shows LED lamps without stopper.

●特長

耐紫外線樹脂
色温度 2600K~3250K
静電気耐圧 ±3kV (Min.)
JIS Z9112に準拠した色調
超広角: φ5mm逆円錐
広配光角

●用途

イルミネーション、装飾ランプ、インジケータ、
照光スイッチ、簡易光源
超広角: クリスマスツリー

●Features

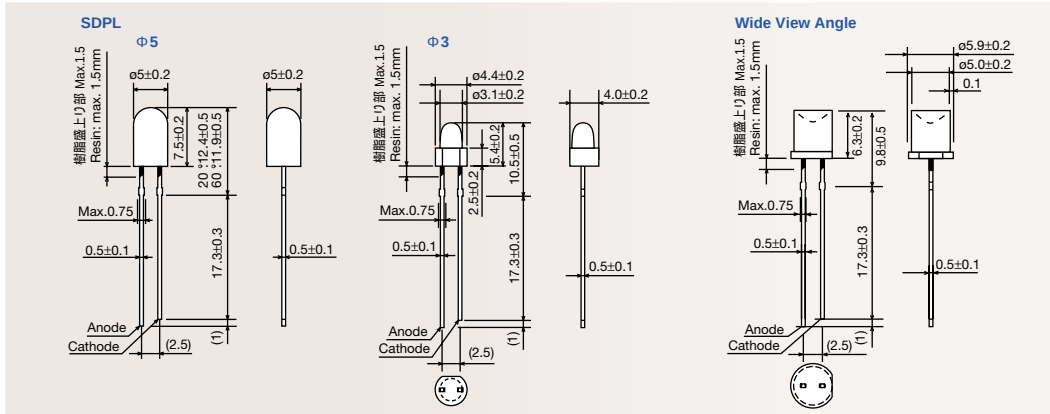
UV resistant resin
Color temperature 2600K-3250K
ESD tolerance: ±3 kV (Min.)
Color is based on JIS Z9112
Wide View Angle: 5mm in diameter, reverse conic
Wide view angle

●Applications

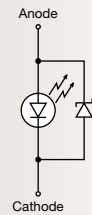
Illuminations, Decorative lamps,
Indicators, Illuminated switches,
Light sources
Wide View Angle: Christmas tree

■外形寸法図

Package Dimensions



回路図 Circuit Diagram



単位 Unit: mm

■絶対最大定格 (Ta=25℃) Absolute Maximum Ratings

許容損失 (mW) Power Dissipation	順方向電流 (mA) DC Forward Current	パルス順方向電流 (mA) Peak Pulse Forward Current	逆方向電流 (mA) Reverse Current	動作温度 (℃) Operating Temperature Range	保存温度 (℃) Storage Temperature Range
120	30	100	120	-35 ~ +85	-40 ~ +100

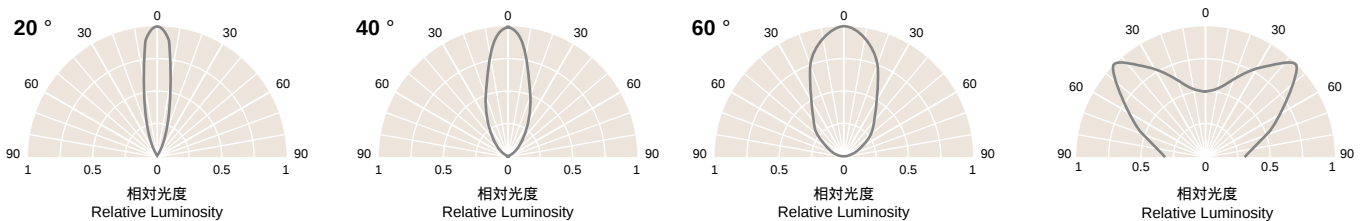
: Duty 1/10 Pulse Width 10ms

■電気的・光学的特性 (Ta=25℃) Electro-Optical Characteristics

発光色 Emitting Color	品番 Part No.	指向角 Typical Viewing Angle 2 θ 1/2	基準電流(mA) Standard Current	光度(mcd) Luminosity	順方向電圧(V) Forward Voltage		逆方向電流(mA) Reverse Current	色度座標 Chromatic Coordinates			
				Typ.	Typ.	Max.	Max. (Vr=0.8V)		Min.	Typ.	Max.
電球色 Warm white	SDPL50B0C0***	20 °	20	3750	3.4	3.8	120	x=	0.400	0.454	0.508
	SDPL50H0C0***	60 °		750							
	SDPL31G0C0***	40 °		1100							
	SDPL52J0C0*** ¹	140 °		53 (Min.)							

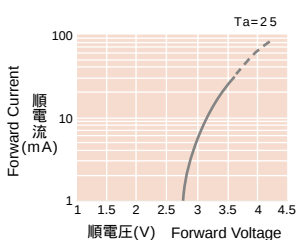
1: 超広角ランプ Wide View Angle

■指向代表特性 Directive Characteristics

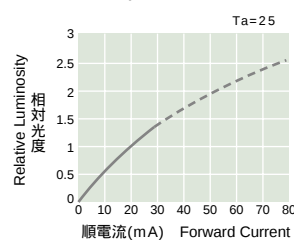


超広角ランプ
Wide View Angle

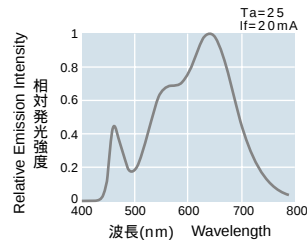
■順電流-順電圧特性 Forward Current vs. Forward Voltage



■相対光度-順電流特性 Relative Luminosity vs. Forward Current



■発光スペクトル Relative Emission Intensity vs. Wavelength



■順電流-周囲温度特性 Forward Current vs. Ambient Temperature

