

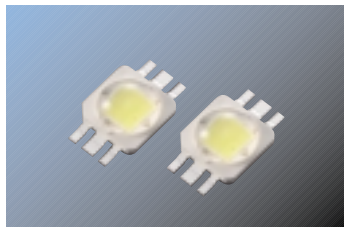
8080
Series

Cool White
Lens

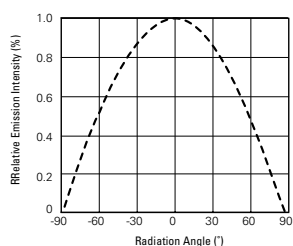
High Power LED
Sunnix6™



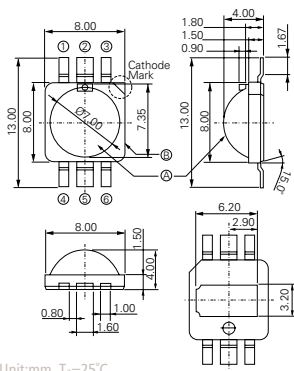
SLHNNWH629T1



Radiation Diagram(120°)

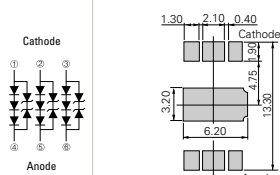


Package Outline

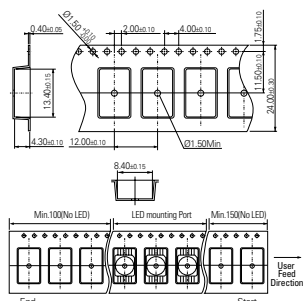


Polarity

Recommended
Soldering Pattern



Carrier Tape



Absolute Maximum Ratings

Item	I _F (mA)	T _J (°C)	T _{Stg} (°C)	T _{Sld}	T _{Opr}
Value2	180	120	-40 ~ 110	260°C, 10sec	-40 ~ 85

Electrical Characteristics

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =180mA	8.9	9.7	11.0	V
Reverse Voltage	V _R	I _F =10mA	12.0	-	16.5	

※ Tolerance : V_F ±0.1V

Chromaticity Coordinate

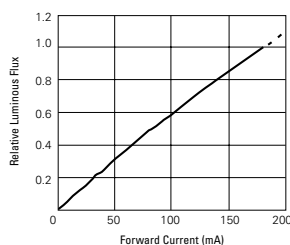
Rank	CCx				CCy				CCT
Q0	0.3128	0.3250	0.3200	0.3011	0.2864	0.2981	0.3600	0.3407	6,000~7,000K
R0	0.3250	0.3428	0.3471	0.3200	0.2981	0.3138	0.3818	0.3600	5,000~6,000K

※ Tolerance: x,y ±0.02

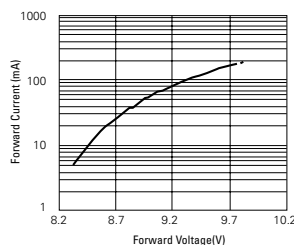
Part Number	Dimension (mm)	Rank	Luminous Flux (lm)			Condition	CRI	Viewing Angle 2θ 1/2(degree)
			Min.	Typ.	Max.			
SLHNNWH629T1	8.0 × 8.0 × 3.9t	S1	90	125	150	180mA	85	120 °

※ Tolerance ±10%

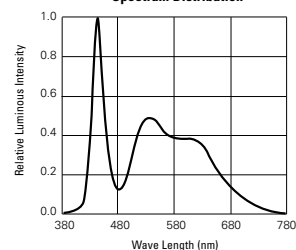
Relative Luminous Flux vs Forward Current



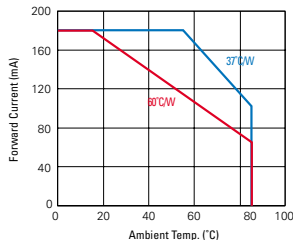
Forward Current vs. Forward Voltage



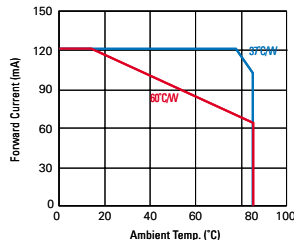
Spectrum Distribution



Derating Curve for 180mA



Derating Curve for 120mA



CIE Coordinate

