SYC SEMICONDUCTORES Y COMPONENTES

LED SPECIFICATION

LED-060-75090

Features:

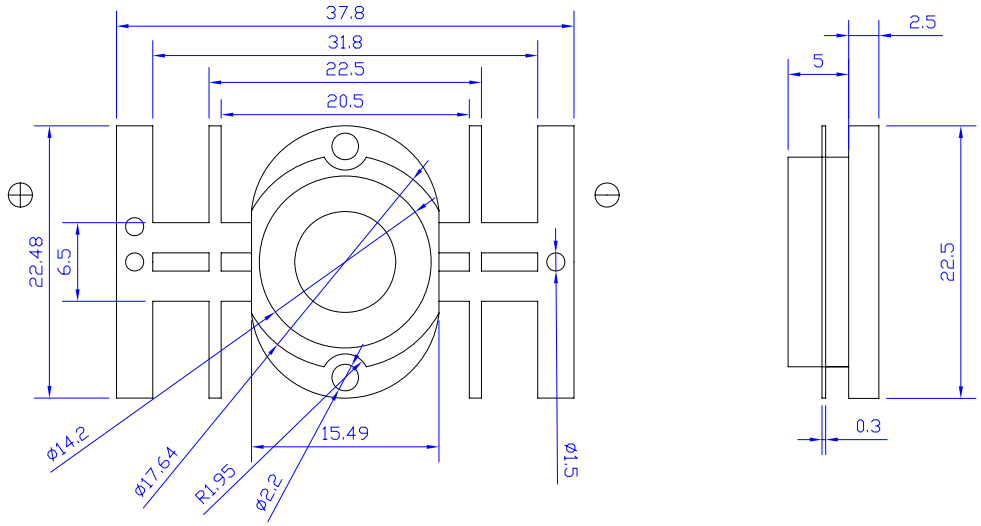
- Highest Flux
- High reliability and Very long operating life
- Low voltage DC operated
- More Energy Efficient than Incandescent and most Halogen lamps
- NO UV
- Superior ESD protection
- RoHS Compliant

Typical Applications:

- Lighting
- Portable
- Automobile
- Decorations

Package Outlines

Unit: mm



NOTE:

- All dimensions are millimeter.
- Tolerance is ±0.1mm unless noted

LED SPECIFICATION

Absolute maximum ratings（Ta = 25℃）

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
DC Forward Current	IF	----	----	700	mA
Power Dissipation	Pd	----	----	5	W
Operating Temperature	Topr	----	-25	+85	℃
Storage Temperature	Tstr	----	-40	+100	℃
ESD Sensitivity	---	HBM	8000	---	V

Electrical and optical characteristics （Ta = 25℃）

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 700mA	6	7	7.5	V
Luminous Flux	Φv	IF = 700mA	160	200	----	lm
Color Temperature	CCT	IF = 700mA	4000	----	----	K

Luminous Flux Bins（Ta = 25℃）Unit: lm

Bin	P	Q
Min	160	200
Max	200	240

CCT Bins（Ta = 25℃）

Bin	W3	W4	W5	W6	W7
Min	4000	4500K	5000K	6000K	7000K
Max	4500	5000K	6000K	7000K	8000K