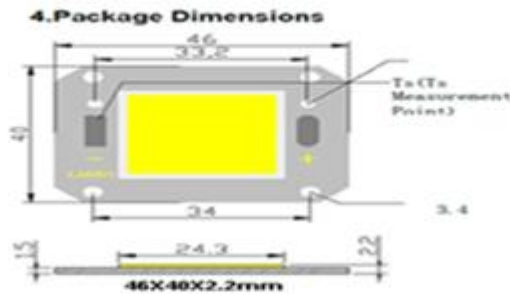


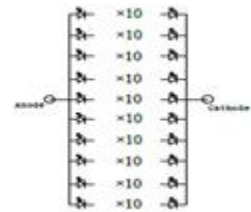
- Flip chip Technology
 - Small Size 46X40X2.2mm
 - Wide Viewing angle :120°C
 - RoHS Compliant
- Applications**
- Street Lights
 - Flood Lights



Tolerance Unless otherwise specified $\pm 0.3\text{mm}$



The Products Supporting Po Snaps



Absolute Maximum Ratings

Parameter	Symbol	Max.	Units
Input power range Max	Pi	124	W
Operating current range	If	4000	mA

Electro-Optical Characteristics at Tc=25°C

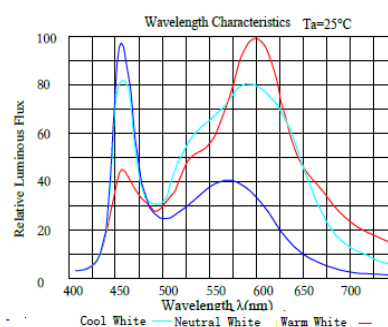
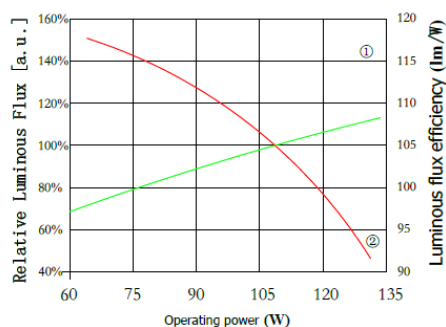
Parameter	Symbol	Condition	Min.	Typ.	Max.	LM/W (typ)	Unit
Forward Voltage	VF	IF=3500mA	---	31	---	—	V
Luminous Flux	Φ_v	TC=6500K	10800	11400	1240	103	Lm
CRI	Ra	IF=3500mA	70	—	—	—	—
Operating Temperature Range	Top		-35°C To +100°C				
Storage Temperature Range	Tstg	--	-40°C To +85°C				
Lead Soldering Temperature	Tsol		Max. 350°C for 5sec Max.				
Rj Thermal Resistance	-	IF=3500mA	0.29°C/W				

Current v/s Vf CCT. Lumens, Lm/W

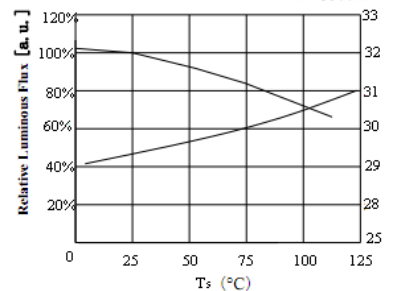
IF (mA)	Vf(V)-Typ	CCT	Φ_v (Lm)-Typ	Lm/W-Typ[
1500	28.5	5850	6028	140
2000	29.0	5940	7652	130
2500	30.0	6000	9106	122
3000	30.5	6050	10383	114
3500	31.0	6100	11479	106
4000	31.5	6160	12364	99

Notes: LED should be used within 168 Hrs. of opening the package. Re-Vacuum Pack the unused LEDs.

Reflow Solder not permitted. Use hand solder. Set the iron @350°C 5sec max. Cool the COB to Room Temp before going for second solder.



Case Temperature vs. Relative Luminous Flux
IF=3500mA



kwality

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ISO 9001

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