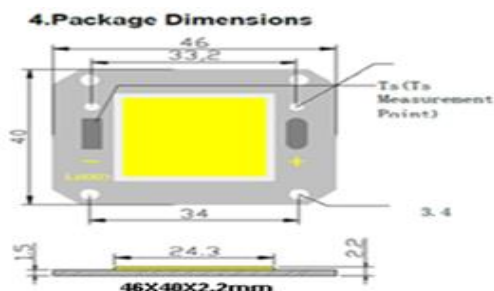


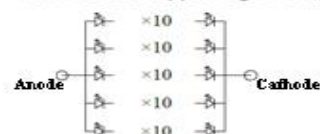
- Flip chip Technology
 - Small Size 46X40X2.2mm
 - Wide Viewing angle :120° C
 - RoHS Compliant
- Applications**
- Street Lights
 - Flood Lights



Tolerance Unless otherwise specified $\pm 0.3mm$



The Products Supporting Po Snaps



Absolute Maximum Ratings

Parameter	Symbol	Max.	Units
Input power range Max	Pi	63.8	W
Operating current range	If	2000	mA

Electro-Optical Characteristics at Tc=25°C

Parameter	Symbol	Condition	Min.	Typ.	Max.	LM/W (typ)	Unit
Forward Voltage	V _F	I _F =1750mA	---	31	---	---	V
Luminous Flux	Φ _v	T _C =6500K	5690	6020	6570	110	Lm
CRI	R _a	I _F =1750mA	70	---	---	---	---
Operating Temperature Range	Top		-35°C To +100°C				
Storage Temperature Range	T _{stg}		-40°C To +85°C				
Lead Soldering Temperature	T _{SOL}		Max. 350°C for 5sec Max.				
R _j Thermal Resistance	-	1750mA	0.73°C/W				

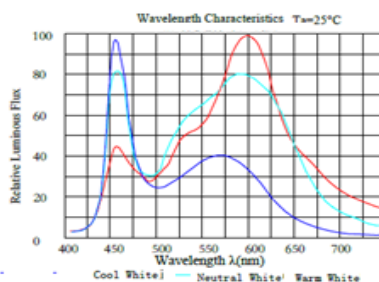
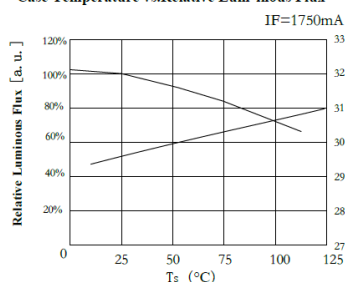
Current v/s Vf CCT, Lumens, Lm/W

I _F (mA)	V _F (V)-Typ	CCT	Φ _v (Lm)-Typ	Lm/W-Typ
1000	30.0	5920	3952	133
1250	30.5	5960	4739	125
1500	31.0	6010	5452	117
1750	31.5	6050	6105	111
2000	32.0	6100	6689	104
2250	32.5	6140	7200	98

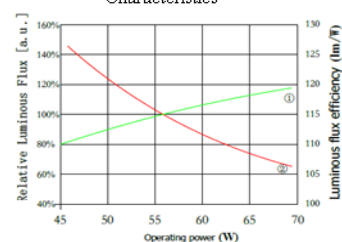
Notes: LED should be used within 168 Hrs. of opening the package. Re-Vacuum Pack the unused LEDs.

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



Characteristics



LEDCHIP INDUS PRIVATE LIMITED

29A&B Electronics Complex, Kushaiguda Hyderabad 500 062 Ph 91-40-27123555

kwalitopolywa@gmail.com, sales@kwalitiyindia.com www.kwalitiyphotronics.com

