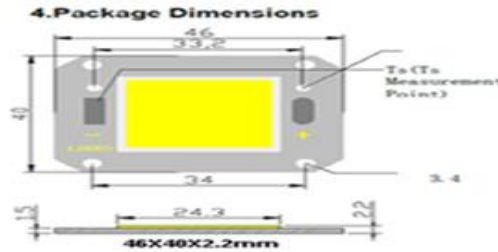


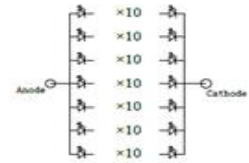
- Flip chip Technology
 - Small Size 46X40X2.2mm
 - Wide Viewing angle :120°C
 - RoHS Compliant
- Applications**
- Street Lights
 - Hood Lights



Tolerance Unless otherwise specified ±0.3mm



The Products Supporting Po Snaps



Absolute Maximum Ratings

Parameter	Symbol	Max.	Units
Input power range Max	Pi	86.6	W
Operating current range	If	2800	mA

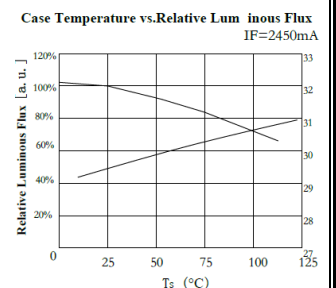
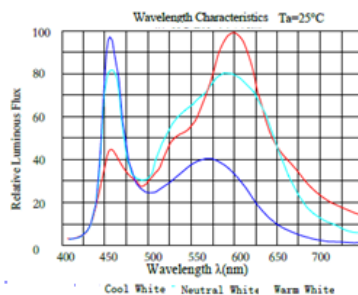
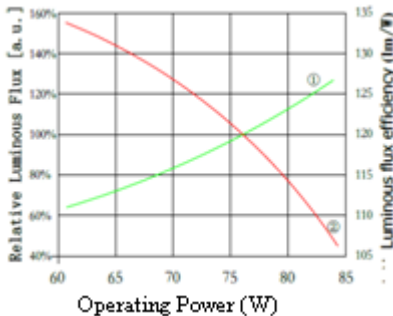
Electro-Optical Characteristics at Tc=25°C

Parameter	Symbol	Condition	Min.	Typ.	Max.	LM/W (typ)	Unit
Forward Voltage	VF	IF=2450mA	---	31	---	---	V
Luminous Flux	∅v	TC=6500K	8160	8620	10380	113	Lm
CRI	Ra	IF=2450mA	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=2450mA	0.52°C/W				

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

IF (mA)	Vf(V)-Typ	CCT	∅v(Lm)-Typ	Lm/W-Typ
1000	28.5	5850	4323	144
1250	29.5	5910	5626	136
1500	30.0	5950	6735	128
1750	30.5	6010	7728	120
2000	31.0	6050	8629	113
2250	31.5	6090	9433	107

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.



LEDCHIP INDUS PRIVATE LIMITED
 29A&B Electronics Complex, Kushaiguda Hyderabad 500 062 Ph 91-40-27123555
 kqualitypolywa@gmail.com, sales@kqualityindia.com www.kqualityphotonics.com