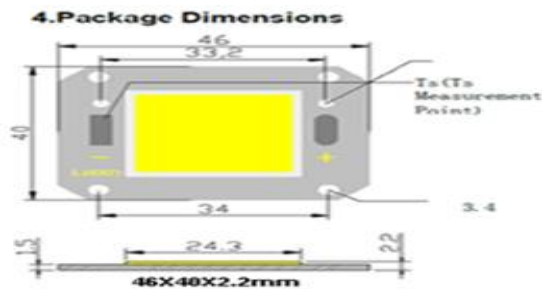
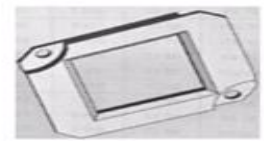


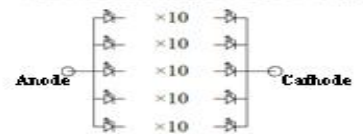
- Flip chip Technology
- Small Size 46X40X2.2mm
- Wide Viewing angle :120°C
- RoHS Compliant

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	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	VF	IF=1750mA	---	31	---	—	V
Luminous Flux	Φ_v	TC=6500K	5690	6020	6570	110	Lm
CRI	Ra	IF=1750mA	70	—	—	—	—
Operating Temperature Range	Top		-35°C To +100°C				
Storage Temperature Range	Tstg	--	-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				

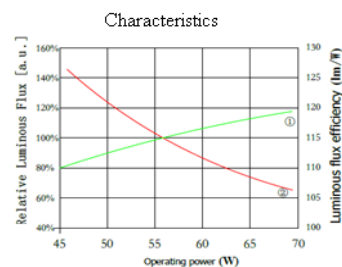
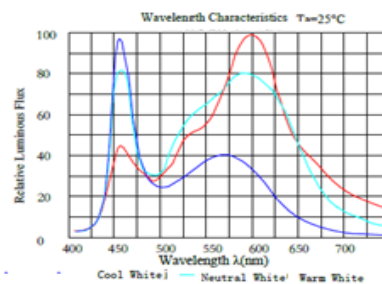
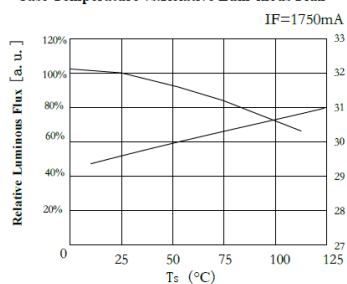
Current v/s Vf CCT. Lumens, Lm/W

IF (mA)	Vf(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

**kwality****KWALITY PHOTONICS PRIVATE LIMITED**

ISO 9001

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