

**KWALITY CUTS COST OF COB POWER LEDs OF 5 Watt to 50 WATT**



**Kwality Photonics P Ltd announces the launching of Mega Efficient CERAMETAL LED COB Modules in 5W to 50W range.**

**KLHC3609W/KLHC3613W**

**in**

**5 to 13 Watt,**

**KLHC3622W**

**in**

**22Watt, KLHC 3650W in 50W.**

**These**

**LEDs**

**have ceramics plus metal material with high thermal conductivity as the substrate and adopt silicone injection molding technology with good imperviousness**

**performance, high reliability & very low degradation rate.**

**KLHC3609W/KLHC3613W LEDs is one of the most compact designs - being 13.5(L) x13.5(W) x1.5(T)mm KLHC3609W LEDs have very low thermal resistance with lowest of 2.5**

◦  
**C/W & long lifetime over 50000hrs.**

**KLHC3609W/KLHC3613W LEDs are best applicable for Street Lights, Flood Lights, Down Lights, Panel Lights, High Bay Lights sources and luminaries & can be operated with max junction temperature of 120° C. These LEDs deliver outstanding efficiency of 120 Lumens per watt.**

**Kwality PolyWa KLHC3609W are embedded High reliability LED chips capable of being driven up to 300mA to obtain 1100 Lumens.**

**KLHC3622W LEDs is one of the most compact designs - being 19(L) x19(W) x1.5(T)mm KLHC3622W LEDs have very low thermal resistance with lowest of 2.5**

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**C/W & long lifetime over 50000hrs. KLHC3622W LEDs are best applicable for Street Lights, Flood Lights, Down Lights, Panel Lights, High Bay Lights sources and luminaries & can be operated with max junction temperature of 120**

◦  
**C**  
**. These LEDs deliver outstanding efficiency of 120 Lumens per watt.**

**Kwality PolyWa KLHC3622W are embedded High reliability LED chips capable of being**

driven upto  
obtain  
2460Lumens

600mA to

KLHC3650W LEDs is one of the most compact designs - being 28(L) x28(W) x1.5(T)mm  
KLHC3650W LEDs have  
very low thermal resistance with lowest of  
2.5

C/W & long lifetime over 50000hrs. KLHC3650W LEDs  
are best applicable for  
Street Lights, Flood Lights, Down Lights, Panel Lights, High Bay Lights  
sources and luminaries & can be operated with max junction temperature of  
120

C  
. These LEDs deliver outstanding efficiency of  
100 Lumens  
per watt.

Kwality PolyWa KLHC3622W are embedded High reliability LED chips capable of being  
driven upto 1050mA to  
obtain  
5300Lumens

Kwality Photonics is Pioneer in LED manufacture, since 24 years, ISO9001-2008, and  
enjoys Highest Brand Equity in India. Our association with  
LED  
manufacturing for over 30 years enabled us to serve as President of the Apex  
Electronics Association ,  
ELCINA

(  
[www.elcina.com](http://www.elcina.com)

) and win many recognitions & awards from prestigious institutions like  
Hyderabad Mgt Assn, FAPCCI, Dept of Industries, Hyd Exhibition Society,  
for our product excellence in Innovation and Quality.

# KWALITY PolyWa - Product Catalogue and Specs

LEDs starting from ₹ 4/- per watt



LED Displays



5 KLSSL505W 110Lm



6 KLHP3535W 130Lm

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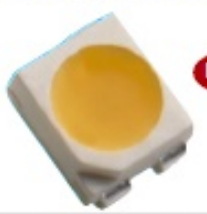
4 KLSSL5630W 60/65 Lm



3 2835W 26Lm 65Lm



2 KLSSL3014W 12Lm



1 KLSSL3228W 8Lm

Fig.	Part Number	Wattage	If (mA) current	Forward Voltage	Lumens	Size (mm)
1 LM-80	KLSSL3228W 8Lm	0.06W	20mA	3- 3.5V	7 & 8 Lm	3.5x2.8
2 LM-80	KLSSL3014W 12Lm	0.1W	30mA	3- 3.5V	12 Lm	3.0x1.4
3 LM-80	2835W 24/26, 65Lm	0.2/0.5W	60/150mA	3- 3.3V	24/26Lm,65Lm	2.8x3.5
4 LM-80	KLSSL5630W 60/65Lm	0.5 W	150mA	3- 3.3V	65 Lm	5.6x3.0
5	KLSSL505W 110Lm	1W	350mA	3.6V	110 Lm	5.0x5.0
6 LM-80	KLHP3535W 130Lm	1W	300mA	3.6V	130 Lm	3.5x3.5
7	HP331/3433WE 1&3W	1W	350mA	3- 3.3V	100/130 Lm	Dia 8
7	KLHP3433WE 3W	3W	700mA	3.1- 3.5V	210/240 Lm	Dia 8
8 LM-80	KLSSL3030W - 6V KLSSL2835W - 6V	1 W	150mA	5.6- 6.8V	120 Lm	3.0x3.0 2.8x3.5
9	KLHF725W 8Lm	0.1W	20mA	3- 3.5V	8 Lm	7.62x7.62
10	KL5SH5W 8Lm	0.06W	20mA	3- 3.5V	8 Lm	4.8X5
11	KLHC3609W/3613W	6- 13W	300mA	34- 38V	1000-1100 Lm	Sq 13.5
12	KLHC3622W/3650W	10-20W	550mA	34- 38V	1900-2600Lm	Sq 19.5

- SL - Street Lights
- FL - Flood Lights
- TL - Tube Lights
- DL - Down Lights
- PL - Panel Lights
- HBL - High Bay Lights

KWALITY - India's premier LEDs & L

a product of **kwality** an ISO 9001 - 2008 company



The advertisement features a blue background with a white curved line at the top. It displays five different LED products: a large square COB module, a circular COB module with a lens, two small rectangular SMD modules, a square SMD module, and another square SMD module. Each product is accompanied by its model name and technical specifications.

**COB KLCOB3650W**  
New COB Series 5W to 50W  
120 lumens/ watt

**3W 5700K 3.3V**  
140L@350mA  
260L@700mA

**KL5L5630W**  
60Lm @150mA  
@ ₹ 6 per Watt

**KL5L505W 1Watt**  
100Lm @ ₹ 5

**KL5L3228W 8Lm**  
ULTRA LOW COST  
TUBELIGHTING

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**LM**  
**LEDEXPO**