

SUPER FLUX LEDs from Kwality

Kwality Photonics Pvt. Ltd. which has been a market leader in manufacture of Light Emitting Diodes (LEDs) and LED displays, is now offering Super flux LEDs also known as Hi flux LEDs marking its foray into manufacture of Power LEDs.

Super flux LEDs operate at current levels as high as 170ma to deliver brightness output of about 25,000mcd. These Super flux LEDs can also operate at the lower current levels of 20 ma where brightness output falls to 3,000 mcd.

For lower input current applications, the connector uses only two terminals of the LED. In the case of higher current outdoor requirements, four terminals are used, providing an effective heat sink.

Super flux LEDs are ideal for retrofit applications where replacement of existing incandescent light bulbs is desired thanks to factors like more uniform illumination, 90% reduction in power consumption and 10 times more longer life. Super flux LEDs can be used to simulate point light source for enhanced optical performance. They exhibit more flicker resistance and reduce current draw and their 5+year life reduces maintenance costs.

Super Flux LEDs are specially developed for sunlight applications like traffic control lights, automobile brake lights, and outdoor signs. Other typical applications are Automotive exterior tail light, brake and side marker lighting and Interior Lighting, Displays and Signage Lighting, backlighting, Status indication for industrial controls and machinery, Cellular antenna control box status lights that must be viewed over long distances etc.

KWALITY PolyWa - Product Catalogue and Specs S

LEDs starting from ₹ 4/- per watt



LED Displays



5 KLSL505W 110Lm



6 KLHP3535W 130Lm



4 KLSL5630W 60/65 Lm



3 2835W 26Lm 65Lm



2 KLSL3014W 12Lm



1 KLSL3228W 8Lm

Fig.	Part Number	Wattage	If (mA) current	Forward Voltage	Lumens	Size (mm)
1 LM-80	KLSL3228W 8Lm	0.06W	20mA	3- 3.5V	7 & 8 Lm	3.5x2.8
2 LM-80	KLSL3014W 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	KLSL5630W 60/65Lm	0.5 W	150mA	3- 3.3V	65 Lm	5.6x3.0
5	KLSL505W 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	KLSL3030W - 6V KLSL2835W - 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 **kwaliti** an ISO 9001 - 2008 company