

Long Range LED Flood Lights Fittings

High performance Flood Lighting Luminaries with 36-128 nos of 5 watt LEDs producing 156 lumen/watt. Life span of LEDs is approx 60000 hrs. The fittings are supplied with PMMA optic lenses for uniform distribution.



Type No. 24811L
100 Watt Long Range
Flood Light



Type No. 24831L
200 Watt Long Range
Flood Light



Type No. 24455L
300 Watt Long Range
Flood Light



Type No. 24841L
300 Watt Long Range
Flood Light



Type No. 24846L
350 Watt Long Range
Flood Light

Die cast Aluminum alloy Housing having high conductivity heat sinks, Powder coating in attractive colour with Toughened front Glass in the front fixed to the die cast Aluminum retaining ring which would be fixed to the housing with Silicon Rubber gasket by means of steel screws to render it dust, water and vermin proof meeting IP 66 classification.

Specification for High performance long range LED Flood Lights

S. no	Characteristic	100 watt Asymmetrical	200 watt Asymmetrical	300 watt Asymmetrical	300 watt Symmetrical	350 watt Asymmetrical
1.	Housing	Die Cast Aluminum alloy Housing having high conductivity heat sinks, Powder coating in attractive colour with Toughened front Glass in the front fixed to the die cast Aluminum retaining ring which would be fixed to the housing with Silicon Rubber gasket by means of steel screws to render it dust, water and vermin proof.				
2.	Type Nos.	Sigma Type 24811L	Sigma Type 24831L	Sigma Type 24841L	Sigma Type 24455L	Sigma Type 24846L
3.	LED make	Bridgelux/ Osram	Bridgelux/ Osram	Bridgelux/ Osram	Bridgelux/ Osram	Bridgelux/ Osram
4.	No. of LEDS	36 nos of High Performance LEDs	64 nos of High Performance LEDs	128 nos of High Performance LEDs	108 nos of High Performance LEDs	128 nos of High Performance LEDs
5.	Lumens output	156 Lm /W at 85°C	156 Lm /W at 85°C	156 Lm /W at 85°C	156 Lm /W at 85°C	156 Lm /W at 85°C
6.	Life Span	>60000 Hrs.	>60000 Hrs.	>60000 Hrs.	>60000 Hrs.	>60000 Hrs.
7.	Luminary efficacy	> 90%	> 90%	> 90%	> 90%	> 90%
8.	Color Temperature	2700-6500K as required	2700-6500K as required	2700-6500K as required	2700-6500K as required	2700-6500K as required
9.	CRI	70	70	70	70	70
10.	Optics	High Quality optics to enhance the performance of the luminaries and to match the required Photometry				
11.	Driver	Constant Current type. Designed as per luminary requirement.	Constant Current type. Designed as per luminary requirement.	Constant Current type. Designed as per luminary requirement.	Constant Current type. Designed as per luminary requirement.	Constant Current type. Designed as per luminary requirement.
12.	The voltage variations	110V- 270V	110V- 270V	110V- 270V	110V- 270V	110V- 270V
13.	Power Factor	> 0.95	> 0.95	> 0.95	> 0.95	> 0.95
14.	Efficiency of Drivers	> 85%	> 85%	> 85%	> 85%	> 85%
15.	THD (Total Harmonic Distortion)	< 10%	< 10%	< 10%	< 10%	< 10%
16.	Classification	IP 66	IP 66	IP 66	IP 66	IP 66
17.	Standards	Drivers used with the luminaries are BIS approved. LEDs used are LM80 approved. Luminaries meet the requirements as laid down in the latest IS codes. Photometric data can be provided where required				
18.	Protection	10KV Surge Protection, Short circuit, over current, over voltage, over temperature				

Our Products are designed to meet specific Customer end use requirements