

LED Maintenance Light Fittings

High performance Maintenance Lights with 8 - 16 nos of 5 watt LEDs producing 130 / 139 lumen per Watt having life span of approx 60000 hrs with W/ WW optic lenses for uniform distribution.



Type No. 26003
24V, 12W



Type No. 26012
24V, 12W



Type No. 26004
24V, 12W



Type No. 24611
24V, 20W



Type No. 24618, 24V, 40W



Type No. 24616
24V, 40W



Type No. 26009
24V, 12W
Machine Light



Type No. 26023
Rechargeable Hand Held Security Light
with 12W LED & Li-Ion Batteries fo 14.4 Ah
Hand Lamp Type No. 26024 24V, 20W



Type No. 26002
24V, 24W with
Magnetic Base

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 frame which would be fixed to the housing with Neoprene Rubber gasket by means of steel screws to render it dust, water and vermin proof meeting IP 65 classification requirements.

Specifications for High performance Maintenance Lighting Luminaries with LED Fittings

S. no	Characteristic	24V/12W	24V/12W	12W	24V/20W	24V/20W	24V/40W
1.	Housing	Single piece 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 frame which would be fixed to the housing with Neoprene Rubber gasket by means of steel screws to render it dust, water and vermin proof.					
2.	Type No.	Sigma Type 26002/3/4	Sigma Type 26009/12	Sigma Type 26023	Sigma Type 260024	Sigma Type 24611	Sigma Type 24616/18
3.	LED make	Bridgelux/ Osram/ Cree	Bridgelux/ Osram/ Cree	Bridgelux/ Osram/ Cree	Bridgelux/ Osram/ Cree	Bridgelux/ Osram/ Cree	Bridgelux/ Osram/ Cree
4.	Lumens output	130/139 Lm /W at 85°C	130/139 Lm /W at 85°C	-	130/139 Lm /W at 85°C	130/139 Lm /W at 85°C	130/139 Lm /W at 85°C
5.	No. of LEDS	4 nos of 5W LEDS	4 nos of 5W LEDS	1 nos of 12W LED	4 nos of 5W LEDS	8 nos of 5W LEDS	16 nos of 5W LEDS
6.	Life Span	>60000 Hrs.	>60000 Hrs.	>60000 Hrs.	>60000 Hrs.	>60000 Hrs.	>60000 Hrs.
7.	Luminary efficacy	> 90%	> 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	2700-6500K as required
9.	CRI	70	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.	Constant Current type. Designed as per luminary requirement.
12.	The voltage variations	12V- 30V	12V- 30V	Lithium Ion Batteries	12V- 30V	12V- 50V	12V- 50V
13.	Power Factor	> 0.95	> 0.95	> 0.95	> 0.95	> 0.95	> 0.95
14.	Efficiency of drivers	> 85%	> 85%	> 85%	> 85%	> 85%	> 85%
15.	THD (Total Harmonic Distortion)	< 10%	< 10%	< 10%	< 10%	< 10%	< 10%
16.	Classification	IP 66	IP 66	IP 66	IP 66	IP 66	IP 66
17.	Standards	The Luminaires meet the requirements laid down in the latest IS Codes. Photometric data can be provided where required					

The above lights suitable for 12V / 24V DC supply can also be supplied