



Sigma Search Lights Limited

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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 80000 hrs with W/ WW optic lenses for uniform distribution.



Type No. 26003
24V, 12W



Type No. 26004
24V, 12W



Type No. 24610
24V, 20W



Type No. 24615
24V, 40W



Type No. 26021 24V, 12W
Type No. 26022 24V, 24W



Type No. 26012
24V, 12W

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.

Our Products are designed to meet specific Customer end use requirements

Tough by Nature, Innovative by Design

Specifications for High performance Maintenance Lighting Luminaries with LED Fittings

S. no	Characteristic	24V/12W	24V/12W	24V/12W 24V/24W	24V/12W	24V/20W	24V/40W
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 frame which would be fixed to the housing with Neoprene Rubber gasket by means of stainless steel screws to render it dust, water and vermin proof.					
2.	Type No.	Sigma Type 26003	Sigma Type 26004	Sigma Type 26021/22	Sigma Type 26012	Sigma Type 24610	Sigma Type 24615
3.	LED make	CREE	CREE	CREE	CREE	CREE	CREE
4.	Lumens output	130/139 lm/W at 85 ^o C	130/139 lm/W at 85 ^o C	130/139 lm/W at 85 ^o C	130/139 lm/W at 85 ^o C	130/139 lm/W at 85 ^o C	130/139 lm/W at 85 ^o C
5.	No. of LEDS	4 nos of 5W LEDS	4 nos of 5W LEDS	4-8 nos of 5W LEDS	4 nos of 5W LEDS	8 nos of 5W LEDS	16 nos of 5W LEDS
6.	Life Span	>80000 Hrs.	>80000 Hrs.	>80000 Hrs.	>80000 Hrs.	>80000 Hrs	>80000 Hrs.
7.	Luminary efficacy	> 90 lm/W	> 90 lm/W	> 90 lm/W	> 90 lm/W	> 90 lm/W	> 90 lm/W
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	12V- 30V	12V- 30V	12V- 50V	12V- 50V
13.	Power Factor	> 0.95	> 0.95	> 0.95	> 0.95	> 0.95	> 0.95
14.	Efficiency of	> 85%	> 85%	> 85%	> 85%	> 85%	> 85%
15.	THD (Total Harmonic Distortion)	< 10%	< 10%	< 10%	< 10%	< 10%	< 10%
16.	Classification	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
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

Energy Saving with Sustained Performance