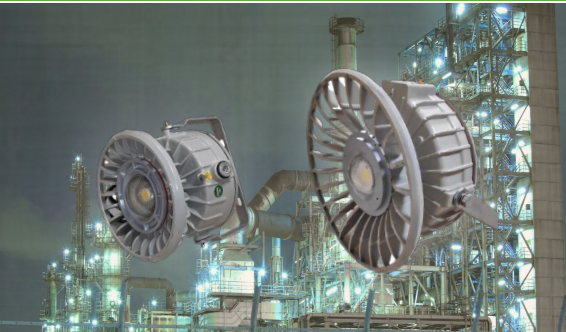


Eetamax Flora Flameproof Lights



Eetamax Flora Flameproof Lights are the most ideal solution for illumination in hazardous environments in industries like petroleum refineries, offshore platforms, chemical processing plants, and areas of flammable dust and gases. Certified by CIMFR and PESO as II A, II B, as well as II C category, these products can withstand the continuous presence of flammable gases in the environment. With high efficacy of >120 lm/W, Eetamax Flora lights save upto 55% electricity against conventional explosion proof lights.

CMRI
PESO

Gas Group
IIA,IIB,IIC

Zone 1,2
Zone 21,22



Technical Specifications

Mechanical Specification

Fixture Housing	LM6 Aluminium Alloy PDC for optimum thermal management with Eye bolt & Cradle arrangement
Diffuser Closure	Borosilicate Glass Lens
IP	IP66
certification	CIMFR & PESO
Zones	Zone 1,2 & Zone 21,22
Gas Group	IIA, IIB & IIC

Luminaire Specification

Available Variant	30W / 40W / 60W / 80W / 100W / 120W / 150W / 200W
Total Lumens	3600 lm / 4800 lm / 7200 lm / 9600 lm / 12000 lm / 18000 lm / 24000 lm
System Efficacy (lm/W)	>120 lm/W
L70 Life	>60,000 Br.hrs
Temperature Class	T6 (Best temp. Class of <85°C)
Operating Temperature	From -20° to +50° C

LED Driver Specification

Type of Driver	Constant Current
Input Voltage Range	180 VAC ~ 300 VAC 100 VAC ~ 305 VAC
Frequency Range	50 Hz / 60 Hz
Power factor	> 0.97
Total Harmonic Distortion	< 10 %
Surge Protection	4 kV / 6kV
Protection	Surge Protection Output Short Circuit Overload Protection Over Voltage Protection Thermal Protection

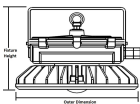
LED lamp

Light Source	COB
Lamp Efficacy	>150 lm/W
Colour Temperature	6500K (Other CCT available on request)
CRI	>80
Certification/Report	LM80, Photo Biologically safe

Standard Parameters

Sr.	System Wattage	Total Lumens	Outer Dimension (mm)	Fixture Height (mm)	Weight (Kg)
1	30W	3600 lm	255 mm	195 mm	3.2 kg
2	40W	4800lm			
3	60W	7200 lm			
4	80W	9600 lm	285 mm	215 mm	5.5 kg
5	100W	12000 lm			
6	120W	14400 lm			
7	150W	18000 lm			
8	200W	24000 lm			

Mechanical Drawing



Product Code Nomenclature

Flora

Product Family Name

FLP HB

- FLP HB
- FLP FL
- FLP WG

100W

Available Wattage:
- 30w
- 40w
- 60w
- 80w
- 100w
- 120w
- 150w
- 200w

7

CRI >70

65

Available CCT options
- 6500K
- 5700K
- 5000K
- 4000K
- 3000K

S

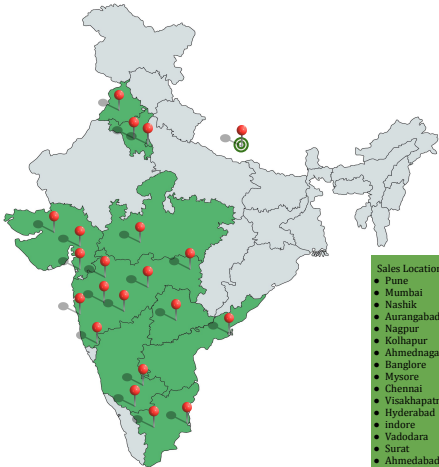
- ON-OFF Switching (S)
- Analog Dimming (AN)
- DALI Dimmable (DA)

30

Available Optics Options
- 60° Lens
- 90° Lens
- 120° Lens



Eetamax Sales Locations



Sales Locations :

- Pune
- Mumbai
- Nashik
- Aurangabad
- Nagpur
- Kolhapur
- Ahmednagar
- Bangalore
- Mysore
- Chennai
- Visakhapatnam
- Hyderabad
- indore
- Vadodara
- Surat
- Ahmedabad
- Ludhiana
- Bahadurgarh
- Delhi
- Nepal

Contact Us

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