

NEW-FBG 180W 200W

LED Explosion-proof Highbay Light
AC90-265V50Hz



Emergency power unit is available



Features

Body

Body in die-cast copper-free aluminum alloy, treated by electrostatic spraying, with good performance of high temperature resistance and climate resistance. Tempered glass with good transmittancy.

Driver

Isolation Class I, Protection: OPP/OVP/SCP/OTP, Wide input voltage 90 265Vac, built in active PFC > 0.96, THD < 15%, Surge Protection 10KV/6KV/4KV

Sources

LED light source with different possibilities of temperature color (standard Natural White 4000K, executions on request also with 3000K, 6000K).High coefficient of performance chromatic CRI≥85. lifespan>50,000hrs.

Application

Ideal to be used in the oilfield, chemical industry, steel industry, power, port, Petroleum etc. Harsh environment, moist area. Zone 1, Zone2 Gas explosive environment: Group IIA IIB IIC Temperature class: T5 to T6

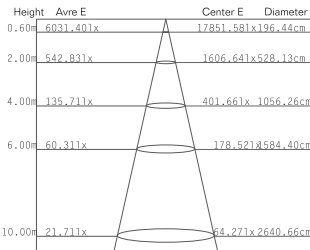
Specification

Model Name	NEW-FBG	
Input Voltage	AC90-265V	
Power Frequency	50/60Hz	
Power Factor	≥0.96	
Wattage	180W	200W
Lamp Luminous Flux (LM)	> 19800 lm	> 22000lm
Luminous Efficiency	110-130 lm/W	
LED Working Voltage	DC30-42V	

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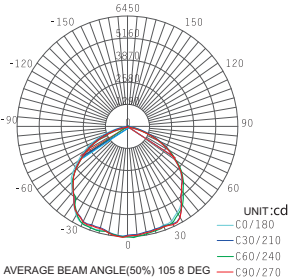
CCT	2700- 3500K
	3500-5000K
	5000-6500K
CRI	Ra≥85
Operating Temperature	-30°C~+45°C
IP Rating	IP65
Anti corrosion	WF2
LED Lifespan	> 50,000 hours

180W AVERAGE AND CENTER E FIGURE

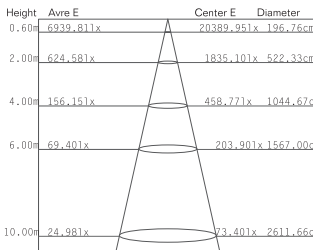


Angle: 105.7 deg

180W LUMINOUS INTENSITY DISTRIBUTION

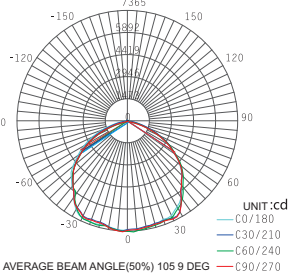


200W AVERAGE AND CENTER E FIGURE

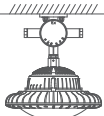
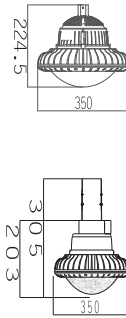


Angle: 105.1 deg

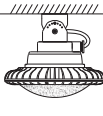
200W LUMINOUS INTENSITY DISTRIBUTION



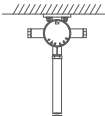
Dimension(mm)& Fixture Installation



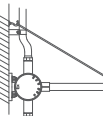
A Ceiling



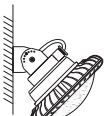
B Ceiling



C Tube



D Wall



E Wall

Package



N.W.: 8.2kg
Inner carton size: 39*39*28cm
Outer carton size: 40*40*28 (1pcs/ctn)
G.W.: 10kg/ctn