FortuneArrt LED Lighting Pvt Ltd.,
WQ : Survey no:509/1/2, Apparel Export park,
Gundlapochampally, Hyderabad - 500014
Web : www.fortunearrt.com

Product Technical specification

FA-F/DD-PS 1289

Product Details :-

Code	: FAFLPCR01S11150
Model	: Panel light - 1f x 1f
Series	: Flame proof clean room

Electrical Data :-

Working voltage range	: 100 - 277 VAC
Input voltage	: 220 - 240 VAC
Power	: 50 Watt
Power factor	: >0.95
Frequency	: 50Hz
THD	: < 15%
Driver	: Constant current active Powerfactor corrected
BIS Registration No.	: BIS-IS15885-2-13:2012, R-63000353 & IS 16104:2012
Driver Efficiency	: > 85%

Approved by CIMFR & BIS:-

BIS Registration No : CM/L-4784181

CIMFR No : IN/CIMFR/TR20/2296, Dt:02-09-2020

Gas group: IIB

Light Data :-

LED Type	: SMD LED, LM 80 certified
System efficacy	: >120lm/W
Beam angle	: 120 Degree
CCT range	: 2700 - 6500K
CRI (Ra)	: Typical 70
Secondary Optics	: Borosilicate lens
LED lifespan	: 50,000 burning hours

* Customized dimensions can supply on request

Physical Details :-

Material	: LM6 Grade aluminum or higher grade
Construction	: FLP enlcosure - Pressure die cast aluminum & SS top frame
Dimensions	: L 355mm x W 355mm x H 165mm
Weight	: 4.2 Kgs apprx.,
Cut out diemensions	: L 310mm x W 310mm
Suitable fixing	: Recess mount with clamps

Environmental :-

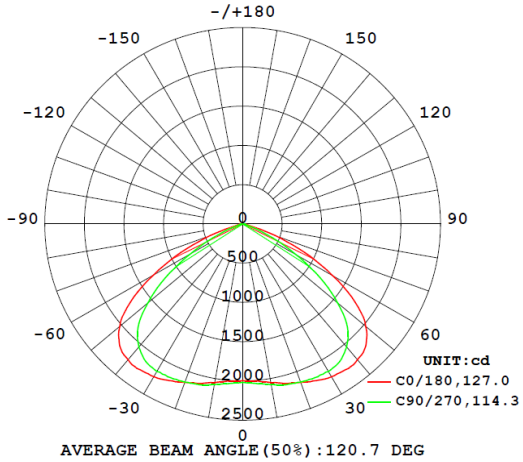
Working temperature	: 0 °C to + 55 °C
Working humidity	: 10 to 90% RH
Storage temperature	: -10°C to + 85 °C
IP rating	: IP66

Applications : Flame proof / Hazardous areas

Protections :-

Output Over voltage / Under voltage protected	: Provided
Output Over current and Short circuit	: Provided
Surge protection	: Inbuilt driver 4KV, External 10KV

Light distribution :-



Note : The above specification are subjected to change without prior notice

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