



FortuneArrrt 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 1314

Product Details :-

Code : FAFLPCR01S222100
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 : 100 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%

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

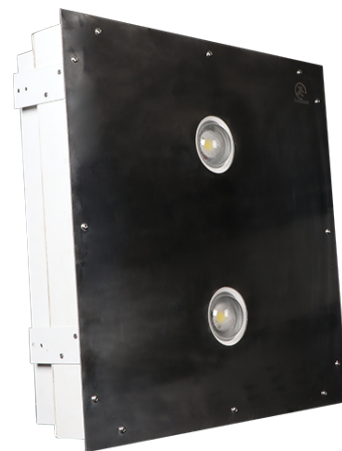
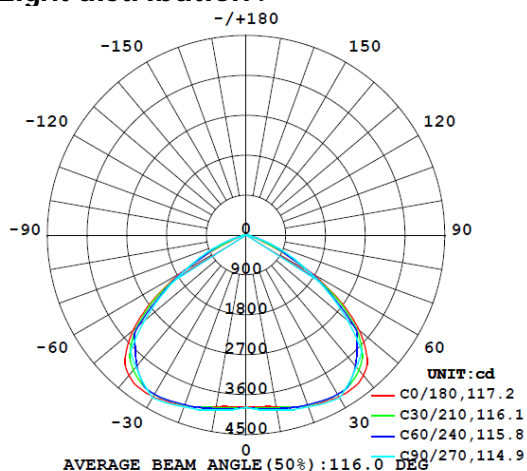
Environmental :-

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

Protections :-

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

Light distribution :-



0
Maintenance

50%
ENERGY
SAVING

ZERO
Mercury

Approved by CIMFR & BIS:-

BIS Registration No : CM/L-4784181

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

Gas group: IIB

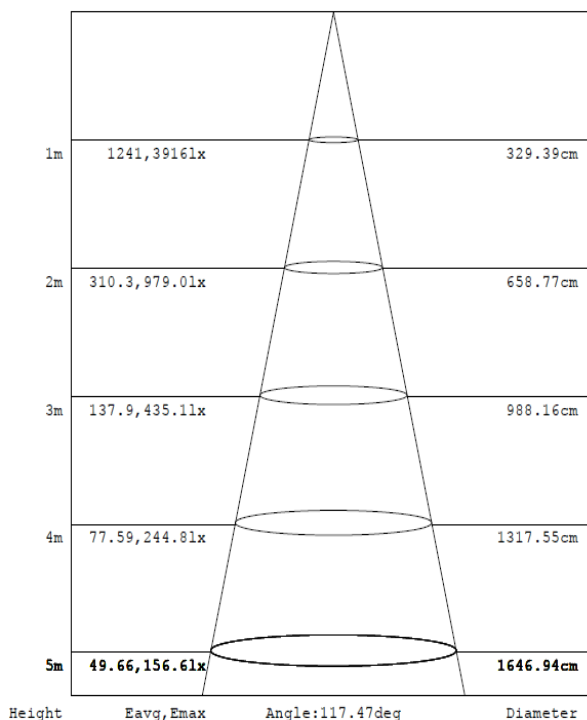
* Customized dimensions can supply on request

Physical Details :-

Material : LM6 Grade aluminum or higher grade
Construction : FLP enclosure - Pressure die cast aluminum
& SS top frame
Dimensions : L 620mm x W 620mm x H 165mm
Cut out diemensions : L 580mm x W 580mm
Suitable fixing : Recess mount with clamps

Applications : Flame proof / Hazardous areas

AAI Curve :-



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

VER4.24

