



# 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 1288

### Product Details :-

Code : FAFLPCR01S11140  
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 : 40 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

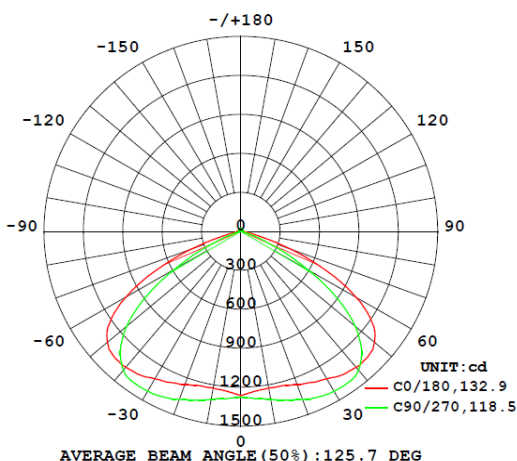
### Environmental :-

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**

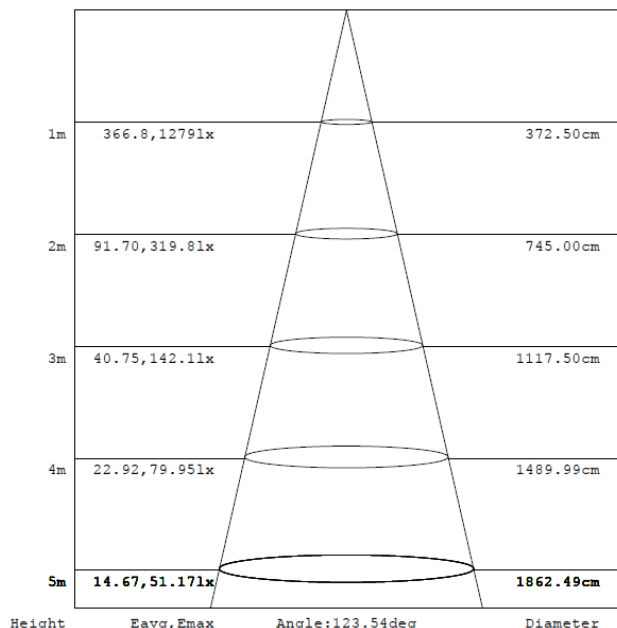
\* Customized dimensions can supply on request

### Physical Details :-

Material : LM6 Grade aluminum or higher grade  
Construction : FLP enclosure - Pressure die cast aluminum  
& SS top frame  
Dimensions : L 355mm x W 355mm x H 165mm  
Weight : 4.2 Kgs appr.,  
Cut out diemensions : L 285mm x W 285mm  
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