



# 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 1272

### Product Details :-

Code : FAFLPFL01/150  
Model : Flood light  
Series : Flame proof

### Electrical Data :-

Working voltage range : 100 - 277 VAC  
Input voltage : 220-240VAC  
Power : 50 Watt  
Power factor : > 0.95  
Frequency : 50Hz  
Driver : Constant current active  
Powerfactor corrected  
BIS Registration No. : BIS-IS15885-2-13:2012,  
R-6300353  
& IS 16104:2012

Driver Efficiency : > 85%

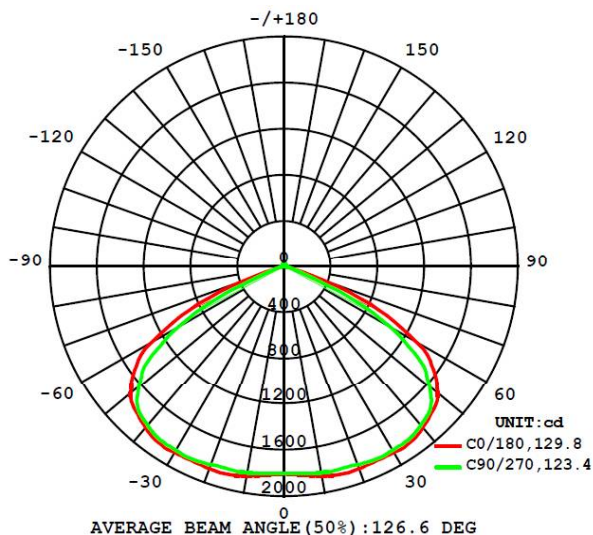
### Light Data :-

LED Type : SMD LED, LM80 certified  
System efficacy : >120lm/W  
Beam angle : 120 Degrees  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 70  
Secondary Optics : Borosilicate lens  
LED life span : 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

### Light distribution :-



**0**  
Maintenance

**50%**  
ENERGY  
SAVING

**ZERO**  
Mercury

Approved by BIS & CIMFR

BIS: CM/L-4784181

CIMFR: IN/CIMFR/TR20/1109 & Dt:26/05/2020

Gas group: IIB

### Physical Details :-

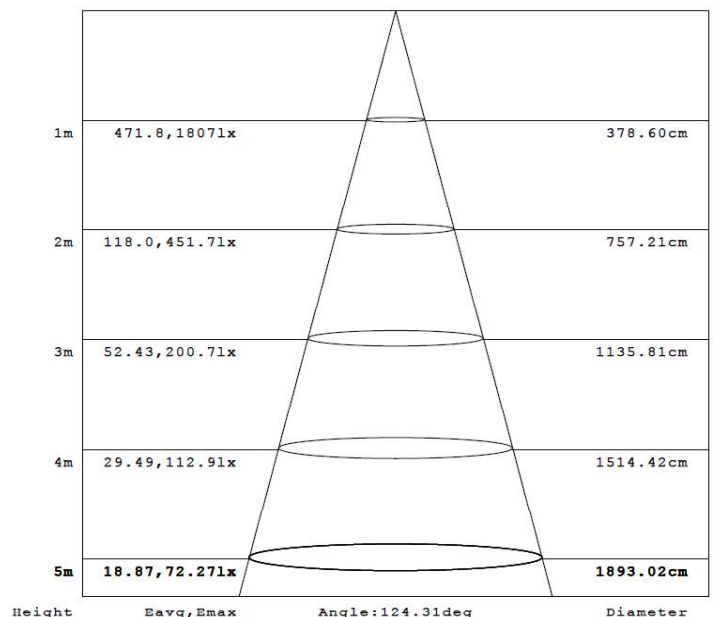
Material : LM6 Grade aluminum or higher grade  
Construction : Pressure die cast aluminum enclosure  
with powder coated and water proof  
Dimensions : L 234mm x W 234mm x H 130mm  
Weight : 4 Kgs appr.,  
Suitable fixing : Wall / Pole / Surface mount

### Protections :-

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

Applications : Flame proof / Hazardous areas

### AAI Curve :-



\* On all electrical parameters (+/-10%) tolerance to be considered

\* On all mechanical dimensions & weight (+/-5%) tolerance to be considered

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



VER 4.24