



# 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 1274

### Product Details :-

Code : FAFLPFL01/3150  
Model : Flood light  
Series : Flame proof

### Electrical Data :-

Working voltage range : 100 - 277 VAC  
Input voltage : 220 - 240 VAC  
Power : 150 Watt  
Power factor : >0.95 Driver Efficiency : > 85%  
Frequency : 50Hz  
THD : < 15%  
Driver : Constant current active  
Powerfactor corrected  
Driver restartion No. : BIS-IS15885-2-13:2012,  
R-63000353  
& IS 16104 : 2012

### Light Data :-

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

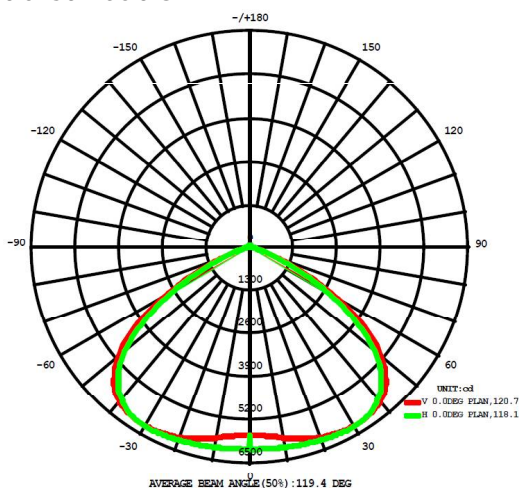
### Environmental :-

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 : Driver inbuilt 4KV,  
External 10KV

### Light distribution :-



Approved by BIS & CIMFR

BIS: CM/L-4784181

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

Gas group: IIB

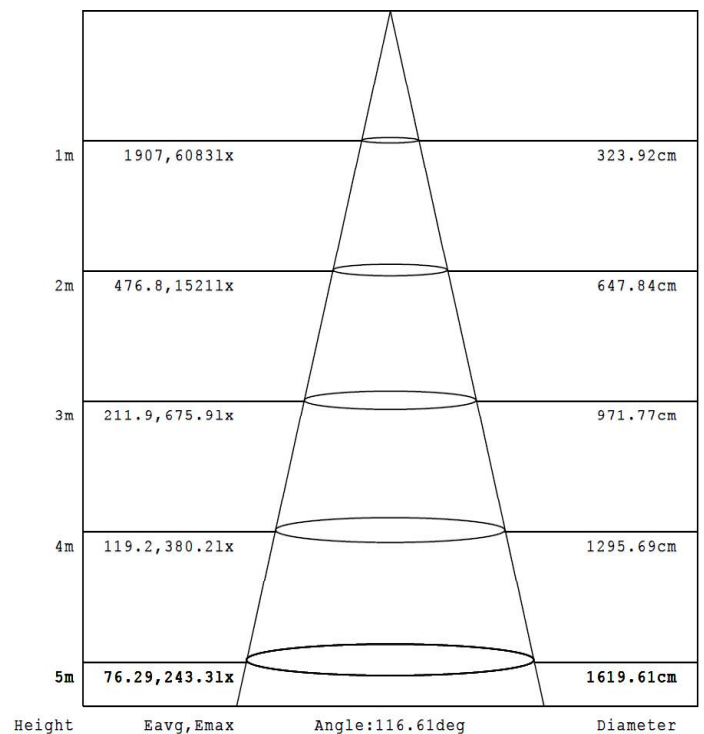
### Physical Details :-

Material : LM6 Grade aluminum or higher grade  
Construction : Pressure die cast aluminum enclosure  
with powder coated and water proof  
Dimensions : L 664mm x W 234mm x H 130mm  
Weight : 13.5 Kgs approx.,  
Suitable fixing : Ceiling / Surface mount  
(360 Degrees rotate & adjustable handle)

### 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

VER6.24