



# FortuneArrrt LED Lighting Pvt Ltd.,

WQ : Survey no:509/1/2, Apparel Export park,  
Gundlapochampally, Hyderabad - 500014  
Web : [www.fortunearrt.com](http://www.fortunearrt.com)

## Product Technical specification

FA-F/DD-PS 1271

### Product Details :-

Code : FAFLPSTB01100  
Model : Street light  
Series : Flame proof

### 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  
Driver 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 options : Batwing distribution  
CCT range : 2700 - 6500K  
CRI(Ra) : Typical 70  
Secondary Optics : Borosilicate lens  
LED Life span : 50,000 hours

### Environmental :-

Working temperature : 0 °C to + 55 °C  
Working humidity : 10 to 90% RH  
Storage temperature : -10°C to + 85 °C  
IP rating : IP65

### Protections :-

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

### Physical Details :-

Material : LM6 Grade aluminum or higher grade  
Construction : Pressure die cast aluminum enclosure  
with powder coated and water proof  
Dimensions : L 455mm x W 240mm x H 270mm  
Suitable pole dia : 50 - 55mm  
Type of mounting : Centre bracket mount

**Applications : Outdoor & flame proof areas**



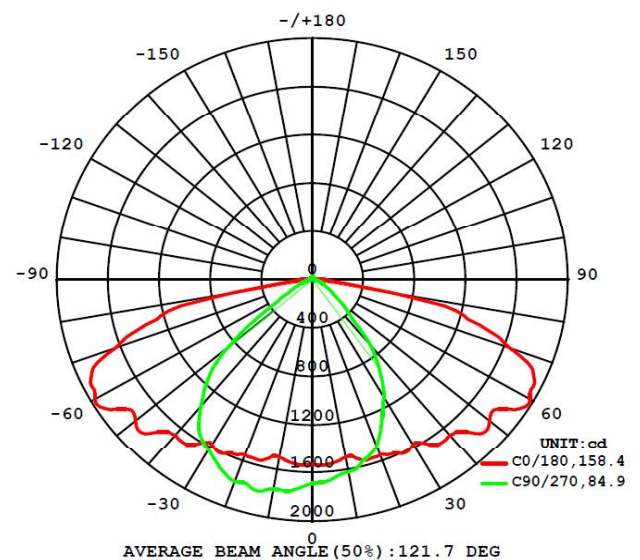
Approved by BIS & CIMFR

CIMFR No : IN/CIMFR/TR21/3726; Dt:14-1-2021

BIS: CM/L-4784181

Gas group IIC

### Light distribution :-



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

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

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

VER5.24