



FortuneArtr LED Lighting Pvt Ltd.,

WQ : Survey no:509/1/2, Apparel Export park,

Gundlapochampally, Hyderabad - 500014

Web : www.fortunearttr.com

Product Technical specification

FA-F/DD-PS 1271

Product Details :-

Code : FAFLPSTB012100
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



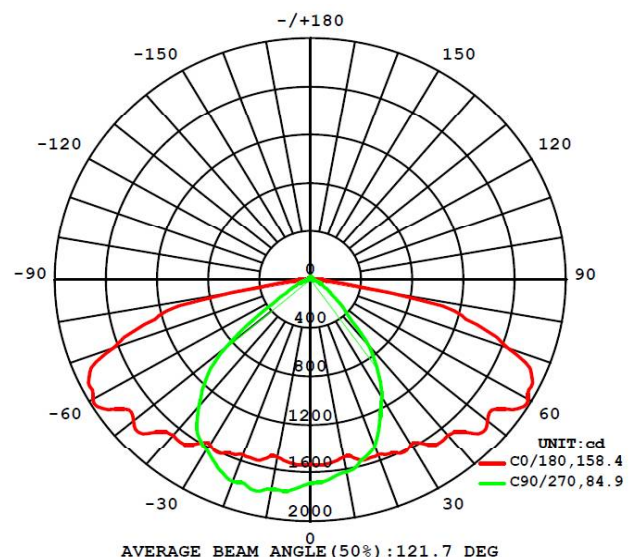
Approved by BIS & CIMFR

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

VER6.26