



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 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



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Maintenance



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 apprx.,
Suitable fixing : Wall / Pole / Surface mount

Protections :-

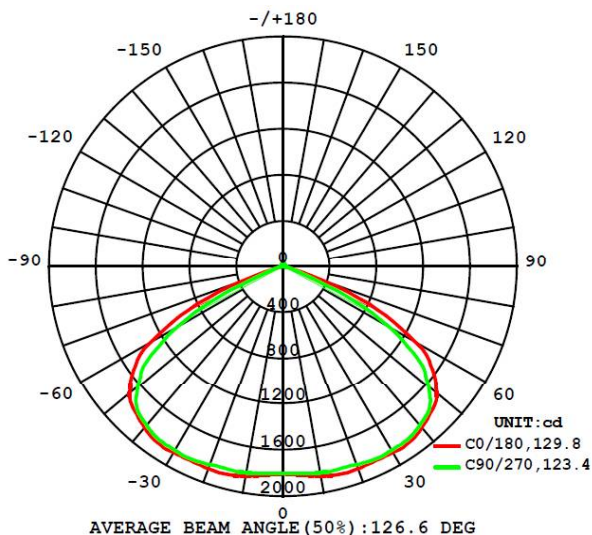
Output Over voltage /
Under voltage protected : Provided

Output Over current and
Short circuit : Provided

Surge protection : Inbuilt driver 4KV,
External 10KV

Applications : Flame proof / Hazardous areas

Light distribution :-



*** 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 5.26