



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 1273

Product Details :-

Code : FAFLPFL01/2100
Model : Flood 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 registartion No. : BIS-IS15885-2-13:2012,
R-63000353
& IS 16104:2012

Driver Efficiency : > 85%

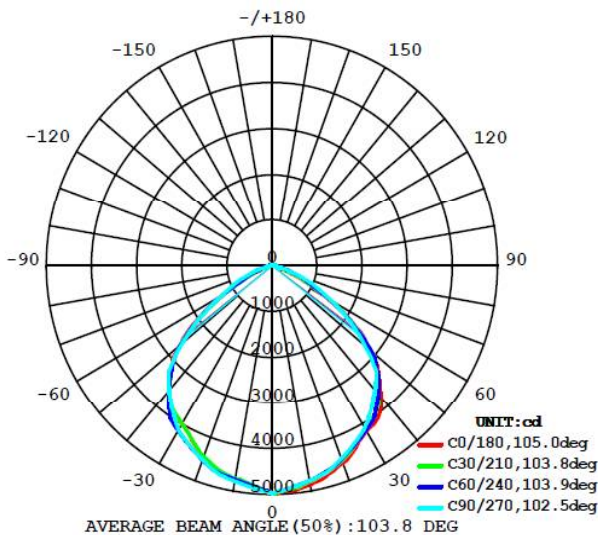
Light Data :-

LED Type : SMD LED, LM80 certified
System efficacy : >120lm/W
Beam angle : 100 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

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 :-

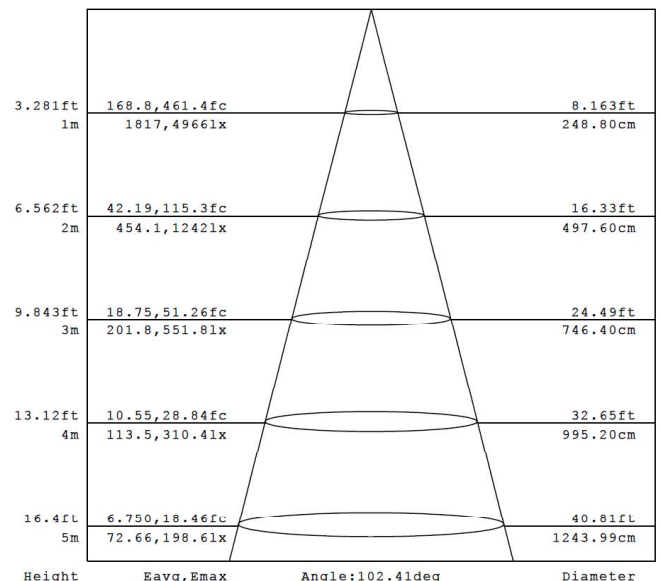
Material : LM6 grade aluminum or higher grade
Construction : Pressure die cast aluminum enclosure with powder coated and water proof
Dimensions : L 450mm x W 234mm x H 130mm
Weight : 9 Kgs approx.,
Suitable fixing : Ceiling / Surface mount (360 Degrees rotate & adjustable handle)

Protections :-

Output Over voltage / Under voltage protected : Provided
Output Over current and Short circuit : Provided
Surge protection : Driver inbuilt 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



VER6.24