



## 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 1259

### Product Details :-

Code : EMFAFLPLH01/.540  
Model : Increased safety linear high bay

### Electrical Data :-

Working voltage range : 100 - 277VAC  
Input voltage : 220 - 240VAC  
Power : 40 Watt  
Power factor : > 0.95  
Frequency : 50Hz  
THD : < 20%  
Driver : Constant current emergency LED driver  
Emergency mode : 10W (90 mins)

### Light Data :-

LED Type : SMD LED, LM80 Certified  
LED efficacy : >120lm/W  
System efficacy : >100lm/W  
Beam angle : 120 Deg  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 70  
Diffuser : Polycarbonate diffuser  
LED Life time : 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 : IP66

### Protections :-

Protections : Input current protection,  
Output open circuit protection,  
Overload protection,  
Over temperature protection,  
Output short circuit protection,  
Output to ground short circuit protection  
Withstand surges : L-N 3KV, L & N-G 6KV &  
External 10KV (Optional)

**Applications : Flame proof applications**



### Physical Details :-

Material & Construction : Extruded aluminum enclosure  
with powder coated  
Light ON/OFF switch : YES  
Fixture Dimensions : L 500mm x W 127mm x H 105mm  
Weight : 3.4 kgs approx.,  
Mounting type : Surface mount



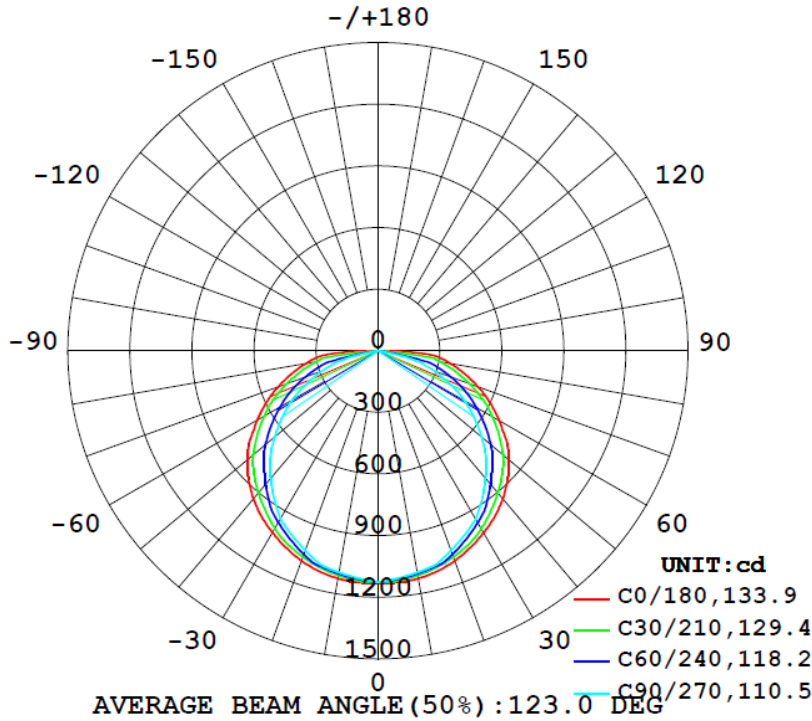
\* On all electrical parameters (+/-10%) tolerance to be considered

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

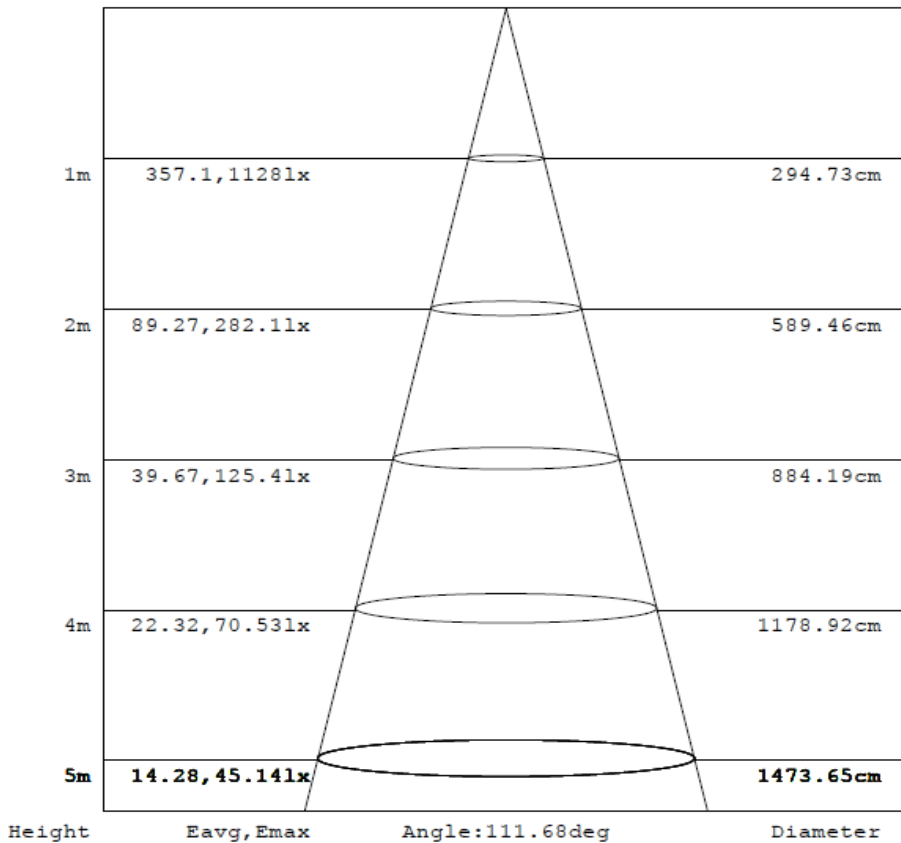
VER 4.24



**Light Distribution :-**



**AAI curve :-**



**VER 4.24**

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