



# 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 1281

### Product Details :-

Code : FAFLPWPCRGC80  
Model : Gravity casting panel light  
Series : Flame proof Panel light

### Electrical Data :-

Working voltage range : 100 - 277 VAC  
Input voltage : 220 - 240 VAC  
Power : 80 Watt  
Power factor : >0.95  
Frequency : 50Hz  
THD : < 15%  
Driver : Constant current active  
Powerfactor corrected  
BIS Registration No. : BIS-IS15885-2-13:2012,  
R63000353  
& IS 16104:2012  
Driver Efficiency : > 85%

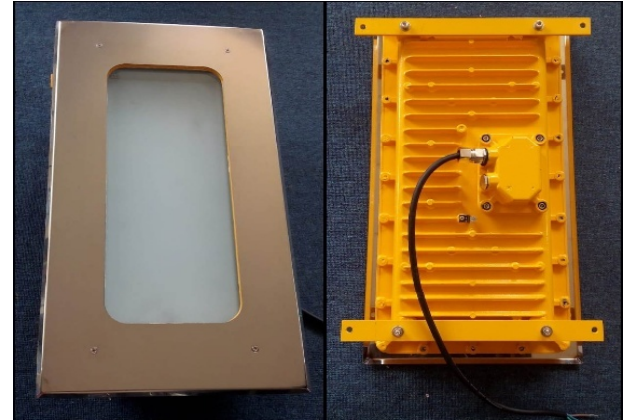
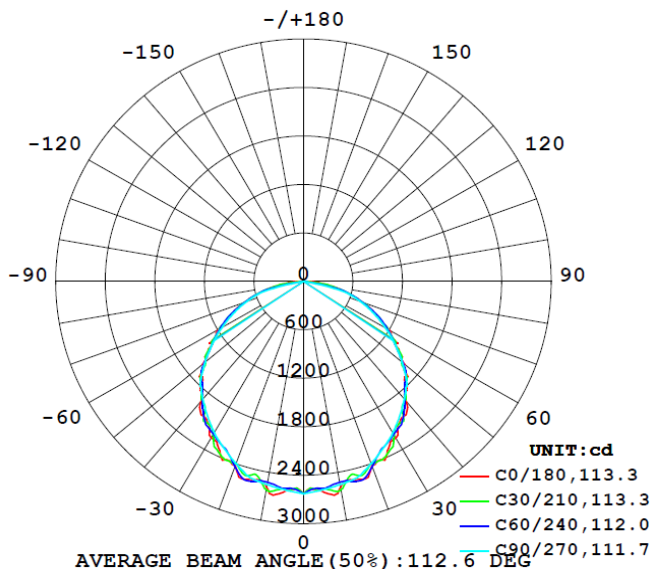
### Light Data :-

LED Type : SMD LED, LM 80 certified  
System efficacy : >100lm/W  
Beam angle : 120 Deg  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 70  
Glass : Frosted toughened glass  
Diffuser : Polycarbonate diffuser  
LED lifespan : 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 : IP65

### Light distribution :-



Approved by BIS & CIMFR

BIS: CM/L-4784181

CIMFR: IN/CIMFR/TR21/P/4065 & Dt:16-02-2021

Gas group: IIB

### Physical Details :-

Material : Aluminum  
Construction : Gravity casted aluminum casing  
& SS top frame  
Dimensions : 625mm x W 330mm x H 140mm  
Weight : 14 Kgs approx.,  
Cutout : L 585mm x W 290mm  
Suitable fixing : Recess mount with holding clamps

### 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



\* 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

VER3.24