



# 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 1262

### Product Details :-

Code : FAFLPWG01/40S  
Model : Well Glass  
Series : Flame proof - SMD

### Electrical Data :-

Working voltage range : 100 - 277 VAC  
Input voltage : 220 - 240 VAC  
Power : 40 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  
& IS16104:2012  
Driver Efficiency : > 85%

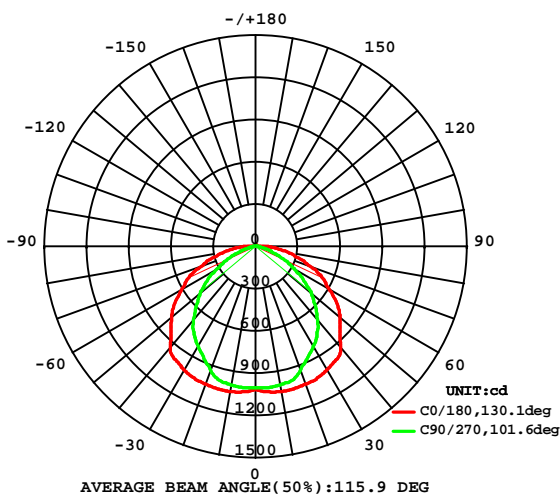
### Light Data :-

LED Type : SMD LED, LM80 Certified  
System efficacy : >80lm/W  
Beam angle : 120 Degrees  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 70  
Glass : Toughened flat Glass  
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

### Light distribution :



Approved by BIS & CIMFR:

BIS: CM/L-4784181

CIMFR: IN/CIMFR/TR20/1405 & Dt:22-06-2020

Gas group IIB

### Physical Details :-

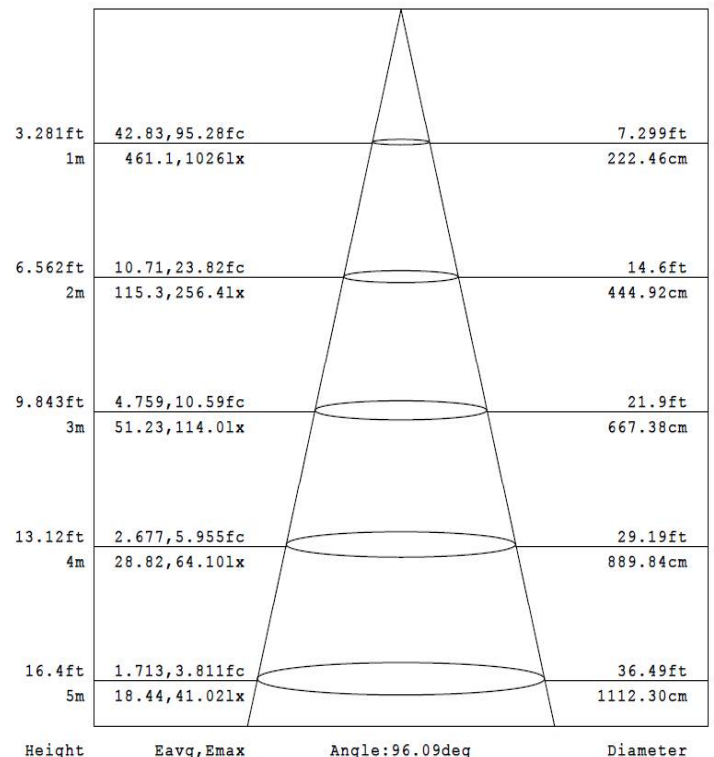
Material : LM6 Grade aluminum or higher grade  
Construction : Pressure die cast aluminum enclosure  
Fixture dimensions : Dia 255mm x H 165mm  
Suitable fixing : Ceiling /Surface/ Suspension mount

### 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 areas / 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



VER5.24