



Product Details :-

Code : FAFLPWG0250
Model : Well Glass
Series : Flame proof

Electrical Data :-

Working voltage range : 100 - 277 VAC
Input voltage : 220 - 240 VAC
Power : 50 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%

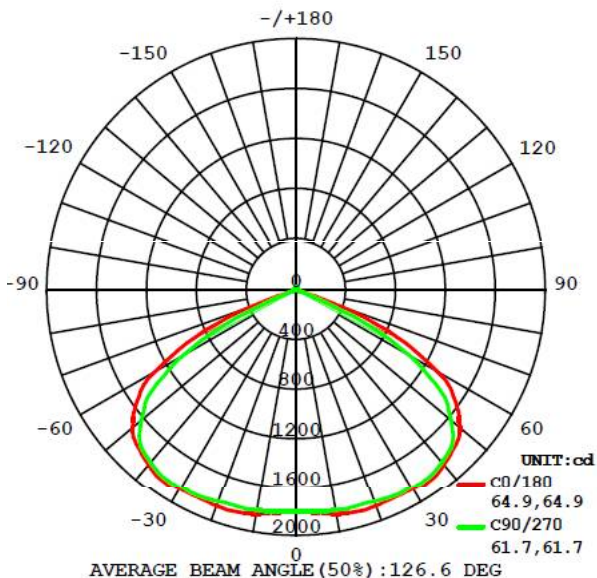
Light Data :-

LED Type : SMD LED, LM 80 certified
System efficacy : > 120lm/W
Beam angle : 120°
CCT range : 2700 - 6500K
CRI(Ra) : Typical 70
Secondary Optics : Borosilicate LENS
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/TR20/1230 & Dt:04/06/2020

Gas group: IIB & IIC

Physical Details :-

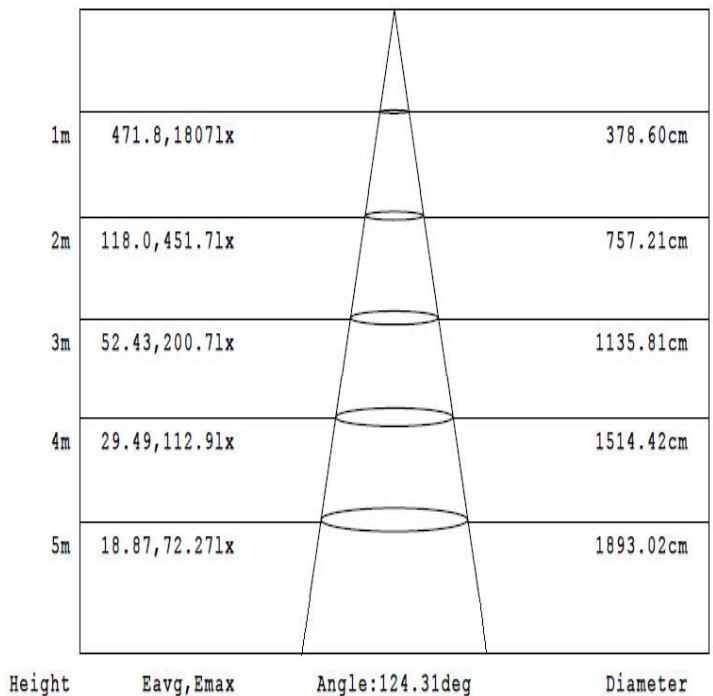
Material : LM6 Grade aluminum or higher grade
Construction : Pressure die cast aluminum enclosure
Fixture Dimensions : 195mm Diameter x 155mm Height
Weight : 2.8 kgs apprx.,
Suitable fixing : Ceiling / Surface mount

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

AAI Curve:-



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

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