



**Product Details :-**

Code : FAFLPCR01S122100  
Model : Clean room panel light - 1f x 2f  
Series : Flame proof

**Electrical Data :-**

Working voltage range : 100 - 277VAC  
Input voltage : 220 - 240VAC  
Power : 100 Watt  
Power factor : >0.95  
Frequency : 50Hz  
THD : < 15%  
Driver : Constant current active  
Powerfactor corrected  
Driver registration no. : BIS-IS15885-2-13:2012,  
R-63000353  
& IS 16104 : 2012  
Driver Efficiency : > 85%

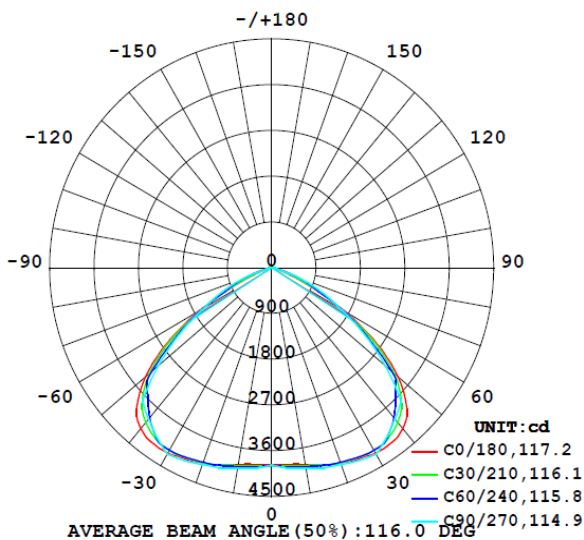
**Light Data :-**

LED Type : SMD LED, LM 80 certified  
System efficacy : >120lm/W  
Beam angle : 120 Deg  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 70  
Secondary Optics : Borosilicate lens  
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 : IP66

**Light distribution :-**



\* Customized dimensions can supply on request

**Approved by CIMFR & BIS:-**

**BIS Registration No : CM/L-4784181**

**CIMFR No : IN/CIMFR/TR20/2296, Dt:02-09-2020**

**Gas group: IIB**

**Physical Details :-**

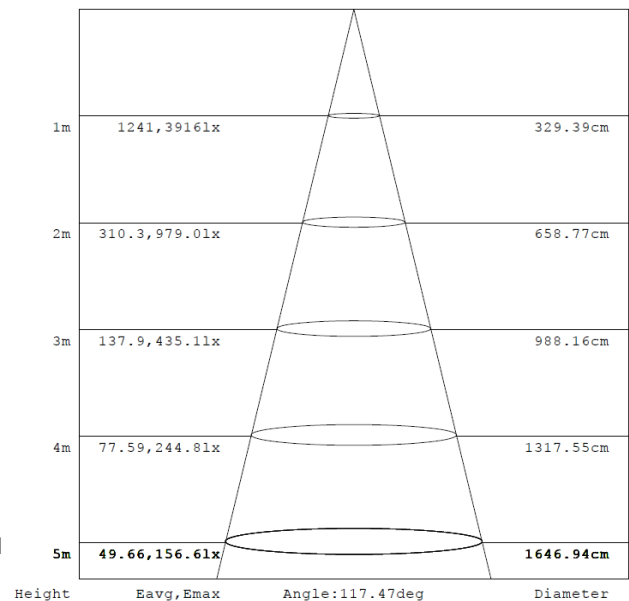
Material : LM6 grade aluminum or higher grade  
Construction : FLP enclosure - Pressure die cast aluminum & SS top frame  
Dimensions : L 620mm x W 330mm x H 165mm  
Cut out : L 572mm x W 285mm  
Suitable fixing : Recess mount with clamps

**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 / Clean room areas**

**AAI curve :-**



\* On all mechanical dimensions & weight (+/-5%) tolerance to be considered  
\* On all electrical parameters (+/-10%) tolerance to be considered

Note : The above specification are subjected to change without prior notice

