



FortuneArtr LED Lighting Pvt Ltd.,

WQ : Survey no:509/1/2, Apparel Export park,

Gundlapochampally, Hyderabad - 500014

Web : www.fortunearttr.com

Product Technical specification

FA-F/DD-PS 1314

Product Details :-

Code	: FAFLPCR01S222100
Model	: Panel light - 2f x 2f
Series	: Flame proof clean room

Electrical Data :-

Working voltage range	: 100 - 277 VAC
Input voltage	: 220 - 240 VAC
Power	: 100 Watt
Power factor	: >0.95
Frequency	: 50Hz
THD	: < 15%
Driver	: Constant current active Powerfactor corrected
BIS 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 Degree
CCT range	: 2700 - 6500K
CRI (Ra)	: Typical 70
Secondary Optics	: Borosilicate lens
LED lifespan	: 50,000 burning hours

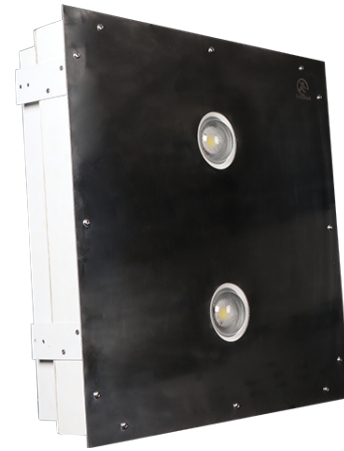
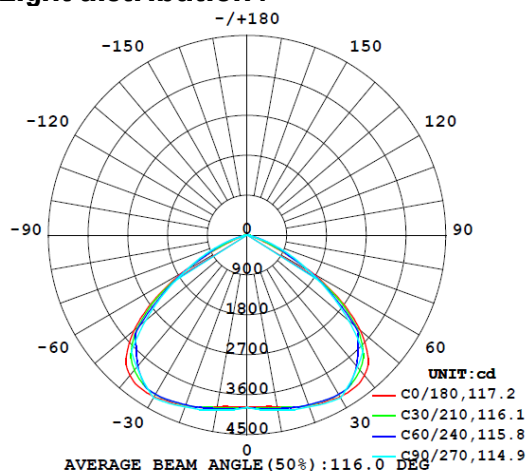
Environmental :-

Working temperature	: 0 °C to + 55 °C
Working humidity	: 10 to 90% RH
Storage temperature	: -10°C to + 85 °C
IP rating	: IP66

Protections :-

Output Over voltage /	
Under voltage protected	: Provided
Output Over current and	
Short circuit	: Provided
Surge protection	: Inbuilt driver 4KV, External 10KV

Light distribution :-



0
Maintenance

50%
ENERGY
SAVING

ZERO
Mercury

Approved by CIMFR & BIS:-

BIS Registration No : CM/L-4784181

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

Gas group: IIB

** Customized dimensions can supply on request*

Physical Details :-

Material	: LM6 Grade aluminum or higher grade
Construction	: FLP enclosure - Pressure die cast aluminum & SS top frame
Dimensions	: L 620mm x W 620mm x H 165mm
Cut out diemensions	: L 580mm x W 580mm
Suitable fixing	: Recess mount with clamps

Applications : Flame proof / Hazardous areas

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



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