



FortuneArnt LED Lighting Pvt Ltd.,

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

Gundlapochampally, Hyderabad - 500014

Web : www.fortuneartt.com

Product Technical specification

FA-F/DD-PS 1317

Product Details :-

Code : FAFLPCR01S1221000NWH
Model : Clean room panel light - 1f x 2f
Series : Flame proof

Electrical Data :-

Working voltage range : 100 - 277VAC
Input voltage : 220 - 240VAC
Power : 50W + 50W
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
Beam angle : 120 Deg
CCT : CW + Monochromatic
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

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



0
Maintenance

ZERO
Mercury

50%
ENERGY
SAVING

* 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

* 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



VER6.24