



**Product Details :-**

Code : FAFLPRL01/40  
 Model : Reactor Vessel Lamp - LED  
 Series : Flame proof

**Electrical Data :-**

Working voltage range : 100 - 277 VAC  
 Input voltage : 220 - 240 VAC  
 Power : 40W  
 Power factor : >0.95  
 Frequency : 50Hz  
 THD : < 15%  
 Driver : Constant current active  
 Powerfactor corrected  
 Driver registration No. : BIS-IS15885-2-13:2012,  
 R- 63000353  
 IS16104:2012  
 Driver Efficiency : > 85%

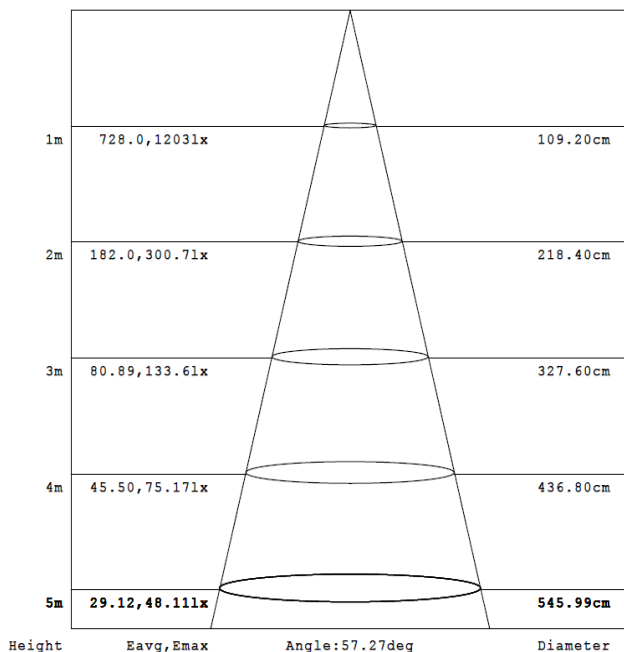
**Light Data :-**

LED Type : SMD LED, LM80 Certified  
 System efficacy : >60lm/W  
 CCT : 2700K - 6500K  
 CRI : Typical 70  
 Glass : Toughened 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

**AAI Curve :-**



**Approved by BIS & CIMFR**

**CIMFR No : IN/CIMFR/TR21/S/1228 & Dt:28-07-2021**

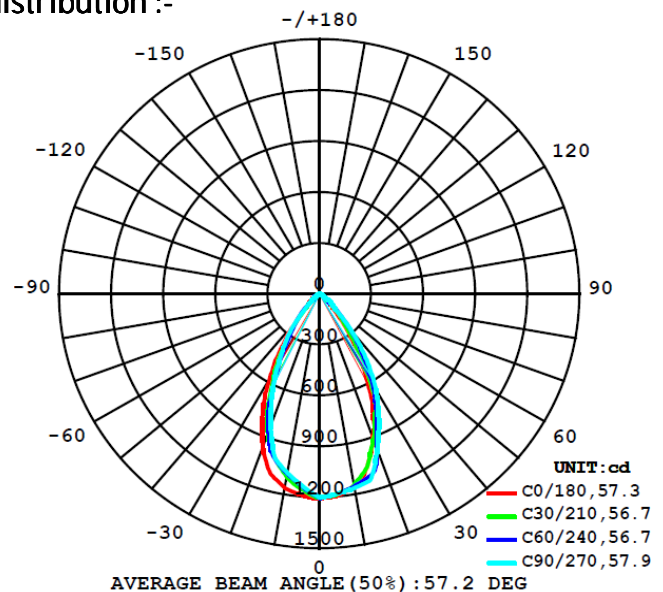
**BIS: CM/L-4784181**

**Gas group IIC**

**Technical Details :-**

Type of Ex - protection : Ex-d Type, IS/IEC60079-1:2007  
 Zone Classification : Zone 1 & Zone 2  
 Gas group : IIA, IIB, T6 IS/IEC60079-0:2011  
 Ingree IP Protection : IP66 IS/IEC60529:2001  
 Material of construction : Pressure die cast aluminum alloy LM6  
 Powder coating : Epoxy polyester powder coating  
 Earthing : Internal -01 No. External 02 Nos.  
 Cable entry : 2 No's. for 3/4" Et (M20)  
 Hardware : Stainless steel  
 Dimensions : Dia192mmxH276mm  
 Weight : 2.45 Kgs approx.,

**Light distribution :-**



\* 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

