



# FortuneArrrt LED Lighting Pvt Ltd.,

WQ : Survey no:509/1/2, Apparel Export park,  
Gundlapochampally, Hyderabad - 500014  
Web : www.fortunearrt.com

## Product Technical specification

FA-F/DD-PS 1112

### Product Details :-

Code : LHBF100  
Model : Dome high bay - SMD & Fin Model

### Electrical Data :-

Working voltage range : 100 - 277 VAC  
Input voltage : 220 - 240 VAC  
Power : 100Watt  
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 efficacy : > 85%

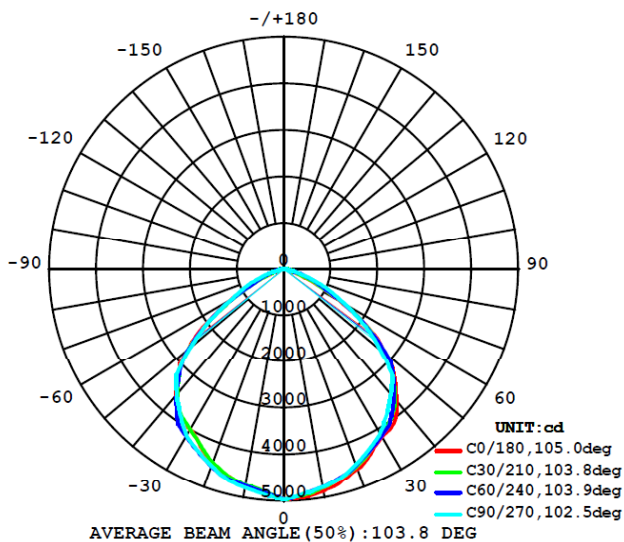
### Light Data :-

LED Type : SMD LED, LM80 Certified  
System efficacy : >100lm/W  
Beam angle : 120°  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 80  
Diffuser : Polycarbonate clear diffuser  
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 : IP54

### Light distribution :



0 Maintenance

50% ENERGY SAVING

ZERO Mercury

### Physical Details :-

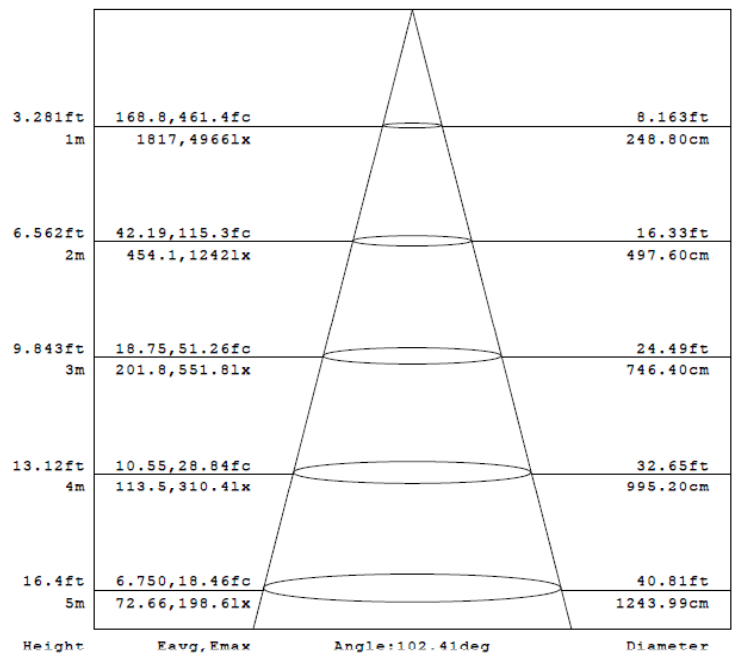
Material : Aluminum  
Construction : Fabricated aluminum casing  
Fixture Dimensions : Dia 340mm x H 290mm  
Weight : 2.36 Kgs apprx.,  
Suitable fixing : Suspension

### Protections :-

Output Over voltage / Under voltage protected : Provided  
Output Over current and Short circuit : Provided  
Voltage / Power fluctuations : Inbuilt driver 4KV, External 10KV

Applications : Indoor, Outdoor & Industrial

### AAI Curve :



\* 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



VER4.24