



# 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 1142

### Product Details :-

Code : LST120J6/1  
Model : Street light

### Electrical Data :-

Working voltage range : 100 - 277 VAC  
Input voltage : 220 - 240 VAC  
Power : 120W  
Power factor : >0.95  
Frequency : 50Hz  
THD : < 15%  
Driver : Constant current active  
Powerfactor corrected  
Driver registartion No. : BIS-IS15885-2-13:2012,  
R-63000353  
& IS 16104 : 2012  
Driver Efficiency : > 85%

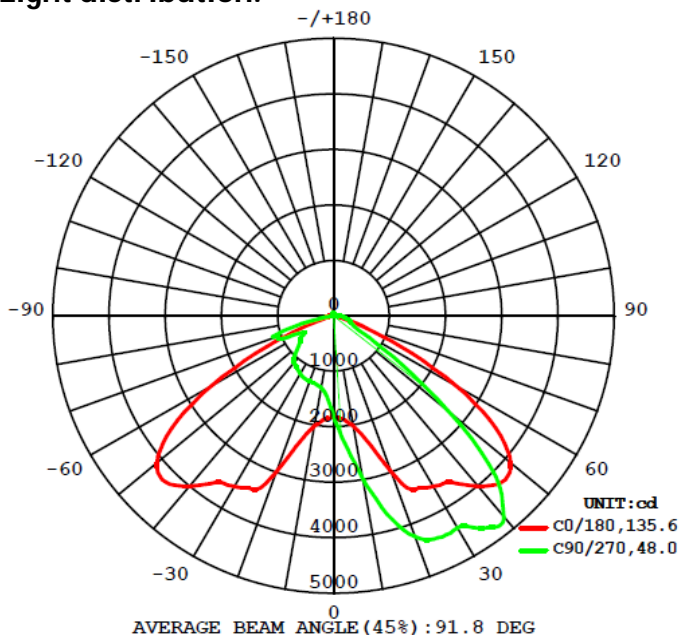
### Light Data :-

LED details : SMD LED, LM80 Certified  
System efficacy : >120lm/W  
Beam angle : Batwing distribution  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 80  
Secondary Optics : Polycarbonate LENS cover  
Life span : 50,000 hours

### Environmental :-

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

### Light distribution:-



**0**  
Maintenance

**50%**  
ENERGY  
SAVING

**ZERO**  
Mercury

### Physical Details :-

Material & Construction : Pressure die cast aluminum enclosure  
Product finish : Powder coated  
Fixture Dimensions : L 562mm x W 180mm x H 55mm  
Weight : 1.65 Kgs apprx.  
Suitable pole dia : 50 - 55mm dia

### Protections :-

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

### Applications

: **Outdoor & Industrial**



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

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

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