



# 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 1125

### Product Details :-

Code : LST100N2F5  
Model : Street light - Leaf model

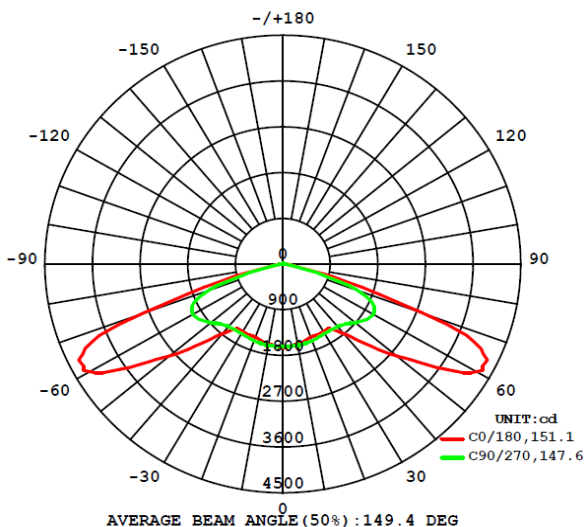
### Electrical Data :-

Input 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  
Driver registration No : BIS-IS15885-2-13:2012  
R-63000353  
& IS 16104:2012  
Driver Efficiency : > 85%

### Light Data :-

LED Type : SMD LED, LM80 Certified  
System efficacy : >120lm/W  
Beam angle : Perfect batwing distribution  
based on field condition  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 70  
Secondary Optics : Borosilicate lens  
LED Life time : 50,000 hours

### Light Distribution :-



### Physical Details :-

Material : LM6 Grade aluminum or higher grade  
Product finish : Powder coated and water proof  
Construction : Pressure die cast aluminum enclosure  
Fixture Dimensions : L 725mm x W 285mm x H 70mm  
Weight : 4.8 Kgs appr.,  
Suitable pole diameter : 50 to 55mm diameter

### Protections :-

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

### Environmental :-

Working temperature : 0°C to + 55 °C  
Working humidity : 10 to 90% RH  
Storage temperature : -10°C to + 85 °C  
IP rating : IP65

### Applications

: Outdoor & Industrial

\* On all electrical parameters (+/- 10%) tolerance to be considered

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



VER4.24

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