



# 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 1124

### Product Details :-

Code : LST50L  
Model : Street light - Leaf Model

### Electrical Data :-

Working voltage range : 100 - 277 VAC  
Input voltage : 220 - 240 VAC  
Power : 50 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

### Environmental :-

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

### 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**



**0**  
Maintenance



**ZERO**  
Mercury

### Physical Details :-

Material : LM6 grade aluminum or higher grade  
Product finish : Powder coated & water proof  
Construction : Pressure die cast aluminum enclosure  
Fixture Dimensions : L 390mm x W 165mm x H 60mm  
Weight : 1.3 Kgs approx.,  
Type of mounting : Pole mount  
Suitable pole diameter : 35 to 40mm diameter



\* 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

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