



## 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 1101



**0**  
Maintenance



**ZERO**  
Mercury

### Product Details :-

Code : PSTZ4 - 100W  
Model : Pole street light

### Electrical Data :-

Working voltage range : 100 - 277VAC  
Input voltage : 220 - 240VAC  
Power : 100 Watt  
Power factor : > 0.95  
Frequency : 50Hz  
THD : < 15%  
Driver : Constant current  
Power factor 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 : > 100lm/W  
Beam angle : Batwing distribution  
CCT range : 2700 - 6500K  
CRI (Ra) : Typical 70  
Lens : Polycarbonate lens  
LED Life Span : 50,000 burning 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

### Physical Details :-

Material & Construction : MS extrusion  
Fixture dimensions : 4mr height x 80mm width profile

### Protections :-

Output Over voltage /  
protected : Complied  
Output Over current and  
Short circuit : Complied  
Surge protection : Inpart of driver 4KV,  
External 10KV

**Applications : Outdoor & Street light applications**

\* 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