DATASHEET 50W

LED STREET LIGHT | THETA SERIES
SLT_50W

PRODUCT INFORMATION
-Make : **DEVDIGITAL**
- Order Code : **DEV_SLT_50W**

AREAS OF APPLICATION
–Car parks and underpasses.
–Garages.
–Public areas.
–Building facades.
–Construction areas.
–Garden.

PRODUCT BENEFITS
–Energy savings of up to 85%.
–Optimized weight, size and compact design.
–Very homogenous light.
–Long service life.
–Good color rendering.
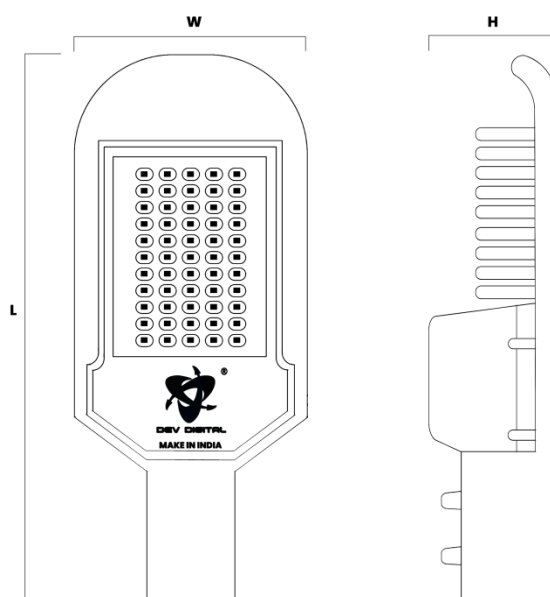–Low carbon and environmental protection.

Electrical data

Nominal wattage	50W
Operating mode	Electronic control gear (ECG)
Nominal voltage	85V to 300V
Mains frequency	50/60 Hz
Electrical Efficiency	> 90%
Optical Efficiency	> 93%
Thermal Efficiency	> 90%
Ambient Temp(Ta)	50°C

Photometrical data

CRI	> 70
Total Lumens	7000Lm
Luminous efficacy	140Lm/W
LIght Source (smd 3030 1W)	Osram, Seoul or Equivalent
Control Gear	OVP/UVP/440V/IP66
Power Factor	> 0.95
Surge Protection	4 to 6 Kv Inbuilt (10 Kv if required)
LED Life Span	50,000 Hrs
LED Colour	2700K to 6500K

Dimensions & weight

Length	403MM
Width	163MM
Height	52MM
Product Weight	1.20Kg

Light Technical Data

Beam Angle	90˚
Lens	Yes

Colors & Materials

Body Material	Die cast Aluminum with Powder Coated
Housing Colour	Gray
Cover Material	Polycarbonate

Additional Product Data

Mounting Type	Fixed
Mounting Location	Wall/Pole

Capabilities

Dimmable	NO
Terminology	Earth,Line Positive,Neutral

LED PCB Details

Thickness	1.6 mm (±5% tolerance)
PCB material	Aluminum-copper
Copper layer thickness	Standard 0.35 micron
Copper conductivity	1 Watt

Certificates & standards

Type of protection	IP65,IP66
Standards	BIS/CE/RoHS/IEC/ISO/MSME/LM79/LM80 TM