



DATASHEET

36W

LED STREET LIGHT | CAPSULE SERIES SLC_36W

PRODUCT INFORMATION

- Make : **DEV DIGITAL**
- Order Code : **DEV_SLC_36W**

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

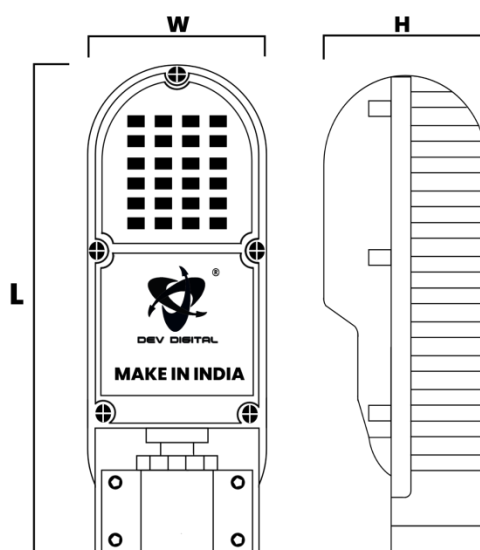
| | |
|-----------------------|-------------------------------|
| Nominal wattage | 36W |
| Operating mode | Electronic control gear (ECG) |
| Nominal voltage | 85V to 300V |
| Mains frequency | 50/60 Hz |
| Electrical Efficiency | > 90% |
| Optical Efficiency | > 93% |
| Thermal Efficiency | > 90% |
| Ambient Temp(Ta) | 50°C |

Photometrical data

| | |
|-----------------------------|---------------------------------------|
| CRI | > 70 |
| Total Lumens | 5040Lm |
| 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 | 320MM |
| Width | 80MM |
| Height | 65MM |
| Product Weight | 0.84Kg |



Light Technical Data

| | |
|------------|------|
| Beam Angle | 120° |
| Lens | NO |

Colors & Materials

| | |
|----------------|--------------------------------------|
| Body Material | Die cast Aluminum with Powder Coated |
| Housing Colour | Black |
| 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 ($\pm 5\%$ 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 |