

LED STREET LIGHT
DSL02



Salt spray 500hrs (Optional 1000hrs)



Driver Brand



LED Brand



- LED STREET LIGHT, a low-profile, durable and state-of-the-art fixture.
- Designed for roadway and parking lot area, replace traditional street and area light with quick payback and superior performance.
- Self-cleaning smooth surface prevents accumulation of dust and bird droppings, thus extending the life of the luminaire.
- Tool-free open design can quickly replace the electrical board, convenient for wiring and installation. Enough power supply cavity can accommodate more space for additional accessories.

● GENERAL INFORMATION

| | |
|-------|-----------------|
| Model | DSL02-100W/120W |
|-------|-----------------|

● DIMENSIONS AND WEIGHT

| | |
|-------------|---------|
| Length (mm) | 530.1mm |
| Width (mm) | 230.0mm |
| Height (mm) | 126.2mm |
| Weight (Kg) | 3.6Kg |

● INSTALLATION

| | |
|---------------------|-----------------------|
| Installation Method | Side-entry / Post-top |
| Spigot | 40mm / 60mm |

● ELECTRICAL CHARACTERISTICS AND CONTROLS

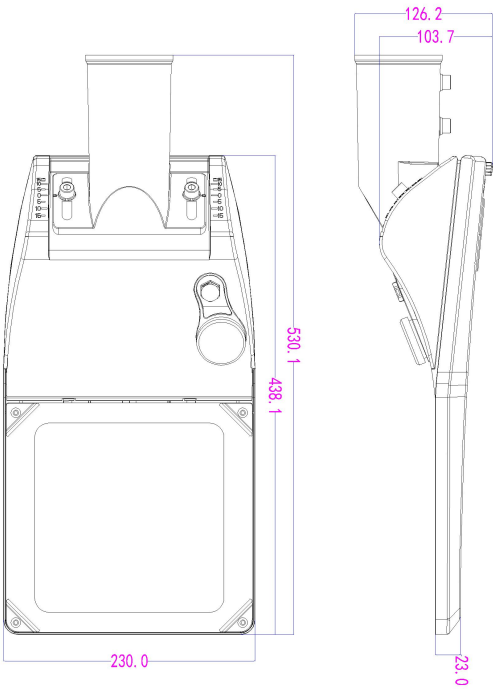
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|-------------------------------------|--|
| Driver | MOSO / DONE / PHILIPS |
| Voltage (V) | 100-277Vac |
| Frequency (Hz) | 50/60 Hz |
| Power factor | PF≥0.95 |
| Surge protector (common) (EN 61547) | 10KV External SPD(20KV optional) |
| Insulation class | Class I /Class II |
| Dimmable | 0-10V/1-10V(standard),Dali/D4i as option |

● PHOTOMETRIC DATA

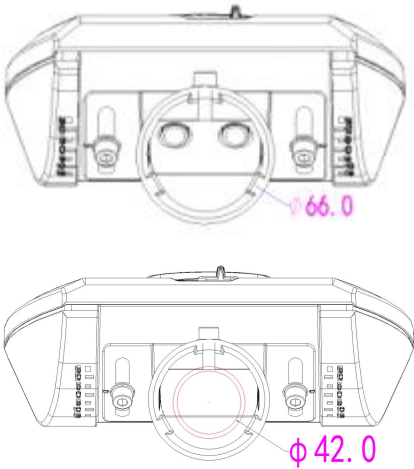
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|--------------------------|---------------------------------|
| LED | LED5050 (optional 3535 or 3030) |
| CRI | Ra70 (standard) |
| Power absorption (total) | 100W/120W |
| CCT | 1800K/2700K/4000K/5000K |
| Efficacy | 160lm/W-200lm/W |
| Flicker Factor | <1% |
| LED flux maintenance | TM21 |
| Lighting Distribution | T2M, T3M, T2S, T3S |

● MECHANICAL CHARACTERISTICS

| | |
|---------------------------|------------|
| Impact resistance rating | IK08 |
| IP | IP66 |
| Ambient temperature - min | -40 °C |
| Ambient temperature - max | +50°C |
| Life Span | >50,000hrs |



| | |
|-------------------------------|---|
| Housing | Die-cast aluminum ADC12 |
| Optics | High-performance, TIR polycarbonate |
| Cover | 4mm tempered glass |
| Heat sink | The heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life. |
| Coating | Pre-treatment of metal surface, polyester powder coating to ensure resistance to corrosion and salt spray fogs, UV stabilised. |
| Special coating (UPONREQUEST) | Upon request: surface coating in compliance with UNI EN ISO 9227 (Corrosion tests in aggressive artificial |
| Colour | DJ LIGHTING Special Gunmetal Gray |
| Equipment | With 40/60mm spigot (standard) |
| Bracket adjustable range | ±15° |



Option

● DIMMING FUNCTION

| | |
|----------|---|
| 1-10V | Standard (ON/OFF 10% to 100%) |
| DALI 2.0 | Digital Addressable Lighting Interface |
| D4i | D4i certification enables DALI inside intelligent, IoT-ready luminaires |

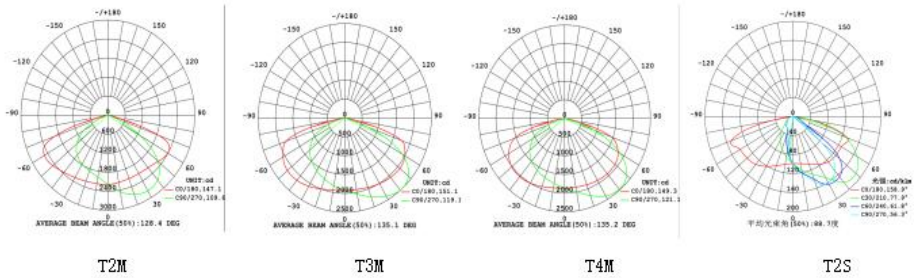
● INTERFACES

| | |
|-------|---------------------------------|
| NEMA | Socket 3/5/7 pin (ANSI C136.41) |
| ZHAGA | Socket 4 pin (Book 18) |

● WARRANTY

| | |
|----------------------|---------|
| After sales warranty | 5 years |
|----------------------|---------|

● LIGHT DISTRIBUTION



● ACCESSORY

