# LED Weatherproof luminaire (Slim)

## For manufacturing plants and factories lighting

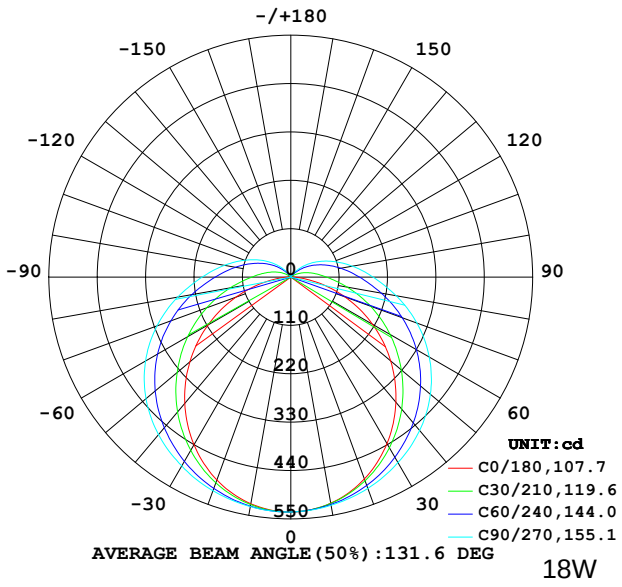
*Body and diffuser made of polycarbonate (PC) offer great stability in wide range of operating temperature. They also offer rigidity and chemical stability (against mineral salts, acids, alkalis and alcohols). Body height is sufficient for inserting additional components (i.e. emergency configuration components; batteries, chargers etc.) Highly efficient clamps offer durability and easy use. Internal drop cords and hinge clamps allow removing components for maintenance without the need to disassemble the whole body. Slim form Factor has a positive impact on Photometric properties along with sleek look.*

## 18/36W 150Lm/W 4000°K IP65

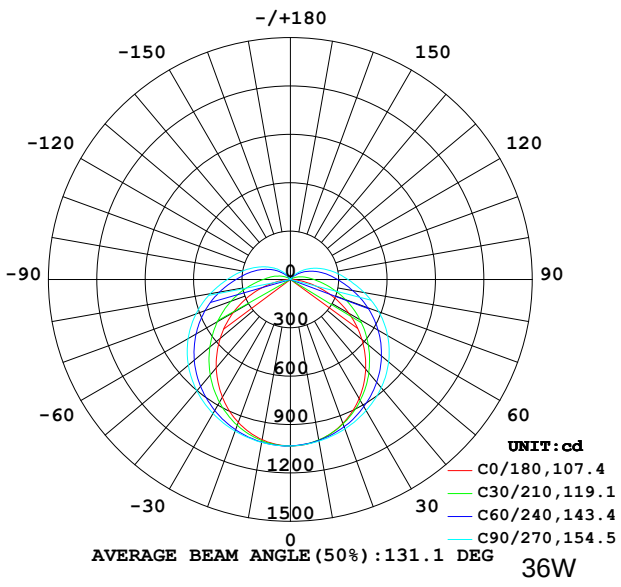
| | |
|---|---|
| **Physical** | |
| Mass | 0.85/1.325kg (Size 1/2) |
| Dimensions | L 670/1270 (Size 1/2) * W 70 * h 80mm |
| Body | Poly carbonate |
| Diffuser | Milky poly carbonate |
| Protection | IP65 IK08 |
| Mounting | Surface mounted (wall/ceiling) or pendent with M4/M6 Fischer screws |
| Running temp. | -20° to 50°C |
| **Photometric** | |
| Light Source | SMD LEDs |
| Efficacy | 150 Lm/W |
| LOR | 0.698 |
| Spread angle | 131° |
| **Spectrometric** | |
| CCT | 4000°K |
| CRI | 83 |
| **Electrical** | |
| Power supply | 220VAC, 50Hz |
| Power | 18/36W (Nominal) @4000°K |
| Current | 0.113/0.187 A (RMS) @4000°K |
| Power Factor | 0.9 |
| THDI | 12.7% |



## Polar radiation distribution

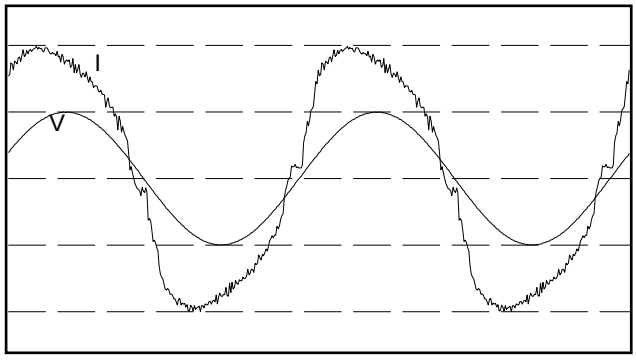



18W




36W

## Electrical oscilloscopy




| Art. no. | Type | Power | CCT |
|---|---|---|---|
| NTT1S-SMD012230-- | LED Weatherproof luminaire (Slim) 60cm | 12W | 3000°K |
| NTT1S-SMD018240-- | LED Weatherproof luminaire (Slim) 60cm | 18W | 4000°K |
| NTT1S-SMD020260-- | LED Weatherproof luminaire (Slim) 60cm | 20W | 6000°K |
| NTT1M-SMD024230-- | LED Weatherproof luminaire (Slim) 120cm | 24W | 3000°K |
| NTT1M-SMD036240-- | LED Weatherproof luminaire (Slim) 120cm | 36W | 4000°K |
| NTT1M-SMD027260-- | LED Weatherproof luminaire (Slim) 120cm | 27W | 6000°K |

Enough space exists for adding Li-ion battery powered non-maintained emergency modules.

Sources for software simulation for installation (*.IES, *.LDT files) and advanced test results are available on request
Performance described above requires proper installation according to internationally recognized codes and within mentioned operational limitations.
Any properties not directly affecting photometric, spectrometric or electrical performance are liable to change without prior notice.

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