Product description

The system includes a continuous optical and modular light line made of polycarbonate tubes in an aluminum carrier profile. A LED module emits light into an impact-proof polycarbonate tube. With special foil techniques including 3M’s O.L.F. foil the light is transported through the tube ensuring a constant, even and anti-glare light distribution. The 180° light distribution increases the feeling of comfort by illuminating the whole room including the ceiling. This contributes to a feeling of safety in large areas such as parking garages, industrial buildings and shopping centres.

Unique system Integrations are possible with park guidance of Park Assist, Sound/Evaq and Emergency lighting.

Construction

- Main profile: aluminum blank anodized
- Lighttube: 100mm Polycarbonate, UV stable
- Lightsource: 2 or 4 LED modules with 18 Nichia PowerLEDs
- Power supply: Philips Xitanium IP66 Outdoor
- Temp. control: Metal LED board with NTC
- All wires: Low Smoke Zero Halogen
- Material usage: Fully recyclable components Cradle to Cradle certification
- Section: 115 x 133 mm (height x width)

Specifications

- Protection class: IP66
- Impact class: IK10+
- LED lifetime: L90F50 = 200,000 hours
- L90F10 = 100,000 hours
- Light color: 5000K (3000 - 4000K optional)
- CRI: RA >70 (up to 92 optional)
- Driver lifetime: 100,000 hours
- Power factor: 0,98 (100%)
- Dim range: 10-100% by DALI or 1-10V
- Operation temp.: -40°C ~ +50°C

Dimensions and types

- LED modules: Power | lumen output | available lengths
  - 2 | 78W | 6915 lm | 4m - 6m
  - 4 | 155W | 13830 lm | 4m - 6m - 8m - 12m

Wiring

- trough-wired, 3-phase + DALI; plug & play connectors
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For more extensive technical data, certifications and mounting information see the installation manual.

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