

Waterproof Luminaries

DCW 111/114 Series



Takton DCW 111/114 series waterproof luminaries use a new, opalized diffuser with unique light transmissivity specially developed for LED applications. Thanks to the construction principles of gasket, closing system and diffuser TAKTON DCW 111/114 series fixtures ensure a high grade of protection (IP65, IP66 or IP67) against dust, contamination and water permeation. In accordance with their IP grade they can be widely used to illuminate spaces with dusty, humid environment.

Features

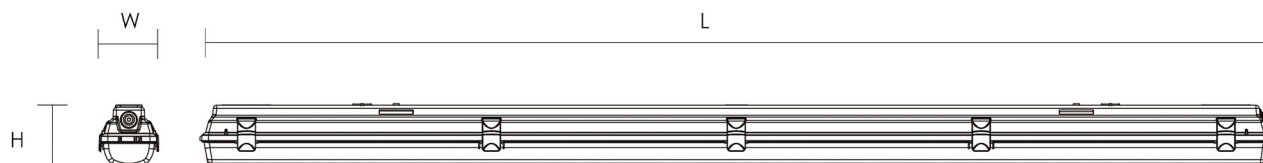
Unique on market opal diffuser with list of technical benefits:

- Extremely high light efficiency through high light permeability, unique on the market - LOR up to 93%
- An excellent light uniformity through well-balanced light dispersing without shadows
- Elimination of the dazzling effect - no glaring
- Aesthetic appearance without dots of the single LEDs
- Fixing the diffuser to the body with highly resistant polyamide clips
- Chemical and heat resistance, mechanical stability, UV-stabilization

Glass-fibre reinforced polyester housing:

- Has very good temperature resistance and excellent stability of size and shape at changing temperatures
- Is mechanically stable
- It resists the impacts of several chemicals and the impacts of weather conditions
- Is flame retardant
- Has light grey RAL7035 colour
- The gasket between the diffuser and housing is made of non-aging PU (polyurethane) foam
- White powder coated steel sheet gear tray/reflector according to Zhaga standards

MECHANICAL PARAMETERS



| Type | L | W | H |
|-------------|------|----|----------|
| DCW 111-120 | 1200 | 90 | 100 (mm) |
| DCW 111-150 | 1500 | 90 | 100 (mm) |

| Type | L | W | H |
|-------------|------|-----|----------|
| DCW 114-120 | 1200 | 116 | 100 (mm) |
| DCW 114-150 | 1500 | 116 | 100 (mm) |

LIGHT DISTRIBUTION



OPTIONS

- PMMA diffuser as a standard version, PC diffuser on demand
- Stainless steel clips, anti-vandal clips
- Silicon-based gasket with enhanced resistance
- Rapid connector IP66

COMPONENTS

- PHILIPS Xitanium/CertaFlux drivers
- PHILIPS Fortimo LED

STANDARD MODELS LIST

| Code | Type | Power, W | Initial luminous flux | Color, K | Diffuser | Ingress protection code |
|--------------|---------------------------------------|----------|-----------------------|----------|----------|-------------------------|
| 700151252107 | DCW 111-120 LED040 29W I High Flux | 29 | 4000 | 4000 | Opal | IP65 |
| 700151252007 | DCW 111-120 LED040 37W I Standard | 37 | 4000 | 4000 | Opal | IP65 |
| 700151252008 | DCW 111-150 LED050 44W I Standard | 44 | 5000 | 4000 | Opal | IP65 |
| 700151252009 | DCW 111-120 LED072 50W I High flux V2 | 50 | 7200 | 4000 | Opal | IP65 |
| 700151252010 | DCW 111-150 LED090 62W High flux V1 | 62 | 9000 | 4000 | Opal | IP65 |
| 700151252011 | DCW 114-120 LED080 58W Standard | 58 | 8000 | 4000 | Opal | IP65 |
| 700151252012 | DCW 114-150 LED100 86W Standard | 86 | 10000 | 4000 | Opal | IP65 |
| 700151252013 | DCW 114-150 LED120 88W High flux | 88 | 12000 | 4000 | Opal | IP65 |
| 700151252014 | DCW 114-150 LED145 108W High flux | 108 | 14560 | 4000 | Opal | IP65 |
| 700151252019 | DCW 114-150 LED190 125W High flux | 125 | 19000 | 4000 | Opal | IP65 |

CONTACTS

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