

# DCW097 12-24 VDC

# TAKTON



## Benefits:

- Stylish design, made for LED
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length
- 12-24V DC input let use these luminaires with sun panels and accumulator with 12-24V DC

TYPE	<b>Product type:</b> DCW 097
FUNCTIONALITY	<b>Driver:</b> Driver MeanWell included <b>Initial LED luminaire efficacy:</b> 115 Lm/W <b>Optical cover:</b> Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC) <b>Light Color:</b> 4000 K as a standard <b>Color Rendering Index (CRI):</b> > 80 <b>Light Output Range, Lm:</b> 1500, 3000 lm depending on type <b>Optical types:</b> Wide. 120 dgr light distribution <b>Power supply:</b> Driver MeanWell <b>Light source:</b> LED module with OSRAM led chips

ELECTRICAL PARAMETERS	<p><b>Driver efficiency nominal:</b> 0,92</p> <p><b>Electrical isolation class IEC:</b> Class II</p> <p><b>Input Frequency:</b> n/a</p> <p><b>Power factor nominal:</b> n/a</p> <p><b>Input voltage:</b> 12/24 VDC</p> <p><b>Power consumption:</b> 13,26 W depending on type</p>
MECHANICAL PARAMETERS	<p><b>Ingress protection:</b> IP66</p> <p><b>Impact resistance:</b> IK05, IK10 as option</p> <p><b>Installation:</b> on surface</p> <p><b>Body material:</b> Flame retardant glass-fibre reinforced polyester</p> <p><b>Net weight piece:</b> 1,3 kg</p>
OVERTIME PERFORMANCE	<p><b>Driver service life time @10% failures:</b> 50 000 h</p> <p><b>Initial system efficacy:</b> 115 Lm/W</p> <p><b>Luminous flux system tolerance:</b> +/- 7%</p> <p><b>Median useful life of LED source:</b> L80B20, 50 000 Hours</p> <p><b>Power consumption tolerance:</b> +/- 7%</p>
ENVIROMENTAL CONDITIONS	<p><b>Ambient temperature range:</b> -20+35 C</p> <p><b>Average ambient temperature:</b> n/a</p>

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## GENERAL INFORMATION

**Flammability:**

Not fire resistant

**CE mark:**

CE mark

**ROHS mark:**

ROHS mark

**Application:**

- Parking garages
- Warehouses
- General lighting

## PRODUCT FAMILY RANGE

Code	Type	Power, W	Initial luminous flux	Color, K	Diffuser	Ingress protection code
700151251045	DCW097-120 LED030 26W 840 I OP IP66 12/24V DC	26	3000	4000	Opal	IP 66
700151251046	DCW097-120 LED015 13W 840 I OP IP66 12/24V DC	13	1500	4000	Opal	IP 66