

DCW097 Low Voltage

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

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ELECTRICAL PARAMETERS

Driver efficiency nominal:

0,92

Electrical isolation class IEC:

Class II

Input Frequency:

n/a

Power factor nominal:

n/a

Input voltage:

12/24 VDC

Power consumption:

13,26 W depending on type

MECHANICAL PARAMETERS

Ingress protection:

IP66

Impact resistance:

IK05, IK10 as option

Installation:

on surface

Body material:

Flame retardant glass-fibre
reinforced polyester

Net weight piece:

1,3 kg

OVERTIME PERFORMANCE

Driver service life time @10% failures:

50 000 h

Initial system efficacy:

115 Lm/W

Luminous flux system tolerance:

+/- 7%

Median useful life of LED source:

L80B20, 50 000 Hours

Power consumption tolerance:

+/- 7%

ENVIROMENTAL CONDITIONS

Ambient temperature range:

-20+35 C

Average ambient temperature:

n/a

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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