

DCW097 230VAC/220VDC

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

FUNCTIONALITY

Initial LED luminaire lm output

2500-11500Lm Depends on type

Optical cover:

Injection molded acrylic (PMMA). As option injection molded polycarbonate (PC)

Color Rendering Index (CRI):

> 80

Power supply:

Philips xitanium driver

Light source:

LED module with Samsung led chips

ELECTRICAL PARAMETERS

Driver efficiency nominal:

0.91

Electrical isolation class IEC:

Class I as a standard, Class II on request

Input Frequency:

50-60 Hz

Power factor nominal:

0,95

Input voltage AC range:

198-264V

Input voltage DC range

168-275V

Power consumption:

16-74 W Depends on type

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MECHANICAL PARAMETERS

Ingress protection:

IP66

Impact resistance:

IK05, IK08 as option

Installation:

on surface

Body material:

Flame retardant glass-fibre reinforced polyester

OVERTIME PERFORMANCE

Driver service life time @10% failures:

100 000 h@ 65 grad C Tc point

Initial system efficacy:

Up to 170 lm/W

Luminous flux system tolerance:

+/- 5%

Median useful life of LED source:

L80B20, 50 000 Hours

Power consumption tolerance:

+/- 5%

ENVIROMENTAL CONDITIONS

Ambient temperature range:

-20+35 C

GENERAL INFORMATION

Flammability:

Not fire resistant

CE mark:

CE mark

ROHS mark:

ROHS mark

Application:

Electro Power substations With 330VDC current sources