

DCW097-120 110VDC

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:
3600Lm

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

Color Rendering Index (CRI):
> 80

Power supply:
Takton DC LED 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:
110VDC

Power consumption:
32 W

DCW097-120 110VDC

TAKTON

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:

50 000 h

Initial system efficacy:

112 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 transport Power substations

PRODUCT FAMILY RANGE

EOC	Name	Initial light output Lm	Power W	Efficacy Lm/W	Length
700151252524	DCW097-120 LED036 32W I 840 IP66 PMMA 110VDC FC	3600	32	112	4ft