

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

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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: 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 |