

# 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	<p><b>Ingress protection:</b> IP66</p> <p><b>Impact resistance:</b> IK05, IK08 as option</p> <p><b>Installation:</b> on surface</p> <p><b>Body material:</b> Flame retardant glass-fibre reinforced polyester</p>
OVERTIME PERFORMANCE	<p><b>Driver service life time @10% failures:</b> 100 000 h@ 65 grad C Tc point</p> <p><b>Initial system efficacy:</b> Up to 170 lm/W</p> <p><b>Luminous flux system tolerance:</b> +/- 5%</p> <p><b>Median useful life of LED source:</b> L80B20, 50 000 Hours</p> <p><b>Power consumption tolerance:</b> +/- 5%</p>
ENVIROMENTAL CONDITIONS	<p><b>Ambient temperature range:</b> -20+35 C</p>
GENERAL INFORMATION	<p><b>Flammability:</b> Not fire resistant</p> <p><b>CE mark:</b> CE mark</p> <p><b>ROHS mark:</b> ROHS mark</p> <p><b>Application:</b> Electro Power substations With 330VDC current sources</p>

## PRODUCT FAMILY RANGE

Code	Name	Light output lm	Power consumptionW	Efficacy lm/W	Length mm
700151252135	DCW097-120 2500LM 16W 840 I IP66 PMMA 230VAC/220VDC	2 500	16	156	1185
700151251134	DCW097-120 4550LM 29W I 840 IP66 PMMA 230VAC/220VDC	4 550	29	157	1185

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700151251160	DCW097-120 8000LM 49W 840 I IP66 PMMA 230VAC/220VDC	8 000	49	163	1185
700151251133	DCW097-150 11500LM 74W 840 I IP66 PMMA 230VAC/220VDC	11 500	74	155	1477
700151251136	DCW097-150 5000lm 28W I 840 IP66 PMMA 230VAC/220VDC	5 000	28	179	1477