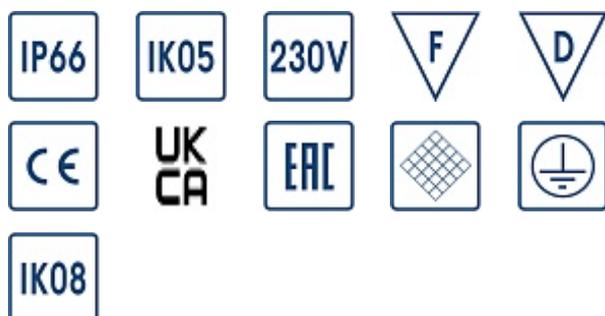


# DCW097

# 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 efficacy:

Up to 167 Lm/W depends on type

### Optical cover:

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

### Color Rendering Index (CRI):

> 80

### Power supply:

Driver Philips or Tridonic included

### Light source:

LED module with OSRAM led chips

## ELECTRICAL PARAMETERS

### Driver efficiency nominal:

0,87-0,92 depends on type

### 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:

220 – 240 V

### Power consumption:

11-74 W depending on type

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> 50 000 h</p> <p><b>Initial system efficacy:</b> Up to 167 Lm/W depends on type</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></p> <ul style="list-style-type: none"> <li>• Parking garages</li> <li>• Warehouses</li> <li>• General lighting</li> </ul>

#### PRODUCT FAMILY RANGE

EOC	Name	Initial light output Lm	Power W	Efficacy Lm/W	Length,mm
700151251053	DCW097-060 1200Lm 11W 840 I OP PMMA IP66	1200	11	109	605
700151251175	DCW097-060 2300Lm 15W 840 I OP PMMA IP66	2300	15	153	605
700151251174	DCW097-060 3300Lm 22W 840 I OP PMMA IP66	3300	22	150	605

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700151251173	DCW097-060 4000Lm 24W 840 I OP PMMA IP66	4000	24	167	605
700151252522	DCW097-060 4300Lm 29W 840 I OP PMMA IP66	4300	29	148	605
700151251039	DCW097-120 3000Lm 23W 840 I OP PMMA IP66	3000	23	130	1185
700151251040	DCW097-120 4000Lm 28W 840 I OP PMMA IP66	4000	28	143	1185
700151251068	DCW097-120 5300Lm 37W 840 I OP PMMA IP66	5300	37	143	1185
700151251002	DCW097-120 6000Lm 36W 840 I OP PMMA IP66	6000	36	167	1185
700151251016	DCW097-120 8000Lm 49W 840 I OP PMMA IP66	8000	49	163	1185
700151251043	DCW097-150 9500Lm 66W 840 I OP PMMA IP66	9500	66	144	1477
700151251033	DCW097-150 11500Lm 74W 840 I OP PMMA IP66	11500	74	155	1477
DESCRIPTION	Number of luminaires on MCB (max)				
	B10	B16	C10	C16	
DCW097 19-58W	22	36	22	36	
DCW111 19-58W DALI	15	24	25	41	