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

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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:
Up to 167 Lm/W depends on type

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:
- Parking garages
- Warehouses
- General lighting

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