

**Benefits:**

- High efficacy up to 165 lm/W
- 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:

158-164 lm/W depending on type

Optical cover:

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

Color Rendering Index (CRI):

> 80

Power supply:

driver included

Light source:

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:

25-72 W depending on type

MECHANICAL PARAMETERS	<p>Ingress protection: IP65, (IP66, IP67 as option)</p> <p>Impact resistance: IK05, IK10 as option</p> <p>Installation: on surface</p> <p>Body material: Flame retardant glass-fibre reinforced polyester</p>
OVERTIME PERFORMANCE	<p>Driver service life time @10% failures: 50000-100 000 hours depends on type</p> <p>Initial system efficacy: 158-164Lm/W depends on type</p> <p>Luminous flux system tolerance: +/- 7%</p> <p>Median useful life of LED source: L80-L90 B50(B20) 50000hrs (depends on type)</p> <p>Power consumption tolerance: +/- 7%</p>
ENVIROMENTAL CONDITIONS	<p>Ambient temperature range: -20+35 C</p>
GENERAL INFORMATION	<p>Flammability: Not fire resistant</p> <p>CE mark: CE mark</p> <p>ROHS mark: ROHS mark</p> <p>Application:</p> <ul style="list-style-type: none"> • Parking garages • Warehouses • General lighting

PRODUCT FAMILY RANGE

EOC	DESCRIPTION	W	Lm	Lm/W	T, K	Diffuser	Protection
700151252603	DCW 111-120 LED041 25W 840 HE OP PMMA	25	4100	164	4000	Opal	IP 65
700151252604	DCW 111-120 LED080 49W 840 HE OP PMMA	49	8000	163	4000	Opal	IP 65

DCW111

TAKTON

700151252605	DCW 111-150 LED070 44W 840 HE OP PMMA	44	7000	159	4000	Opal	IP 65
700151252606	DCW 111-150 LED114 72W 840 HE OP PMMA	72	11400	158	4000	Opal	IP65

DESCRIPTION	Number of luminaires on MCB (max)			
	B10	B16	C10	C16
DCW111 18-50W	22	36	22	36
DCW111 18-50W DALI	15	24	25	41
DCW111 50-75W	15	24	25	41
DCW111 75-100W	14	22	23	27