

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	Ingress protection: IP65, (IP66, IP67 as option) Impact resistance: IK05, IK10 as option Installation: on surface Body material: Flame retardant glass-fibre reinforced polyester

OVERTIME PERFORMANCE	Driver service life time @10% failures: 50000-100 000 hours depends on type Initial system efficacy: 158-164Lm/W depends on type Luminous flux system tolerance: +/- 7% Median useful life of LED source: L80-L90 B50(B20) 50000hrs (depends on type) Power consumption tolerance: +/- 7%
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	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
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

TAKTON

DCW111 75-100W	14	22	23	27
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