

DCW 114

TAKTON



Benefits:

- High efficacy up to 163 Lm/W.
- High flux with components for industrial use.
- Reliable LED technology – maintenance-free.
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length.



FAMILY INFORMATION

Type

DCW 114

Light source

OSRAM LED chips

Driver

Industrial driver Philips or Tridonic included

Input voltage

230 – 240 V

Power factor

0,95

Power consumption

49 – 125 W

Initial luminous flux

8000 – 19000 lm depending on type

Initial LED luminaire efficacy

116 – 150 lm/W depending on type

Light Color

Neutral White – 4000 K as a standard, 3000, 5000K on request

Color Rendering Index (CRI)

> 80

Maintenance of lumen output - L80B20

50000 or 100000 hours depending on type

Optical cover

Injection molded acrylic (PMMA)

As option injection molded polycarbonate (PC)

Body material

Flame retardant glass-fibre reinforced polyester

Color

Light grey

Impact resistance

IK05, IK10 as option

Ingress protection

IP65, (IP66, IP67 as option)

Electrical safety

Class II

Application

Parking garages • Warehouses • General lighting

PRODUCT FAMILY RANGE

Code	Type	Power, \W	Initial luminous flux	Efficacy Lm/W	Color, K	Diffuser	Ingress protection code
700151252607**	DCW 114-120 LED080 49W 840 HE PMMA	49	8000	163	4000	Opal	IP 65
700151252608**	DCW 114-120 LED103 66W 840 HE PMMA	66	10300	156	4000	Opal	IP 65
700151252609**	DCW 114-150 LED120 78W 840 HE PMMA	78	12000	153	4000	Opal	IP 65
700151252014*	DCW 114-120 LED145 99W 840 High flux	99	14560	145	4000	Opal	IP 65
700151252019*	DCW 114-150 LED190 125W 840 High flux	125	19000	145	4000	Opal	IP 65

*Driver PHILIPS IXT and LED modules PHILIPS

**Driver Tridonic LED modules MST, LED chips OSRAM

EOC	Description	luminaires quantity in line					
		B10	B16	B20	C10	C16	C20
700151252607	DCW 114-120 LED080 49W 840 HE PMMA	30	48	60	30	48	60
700151252608	DCW 114-120 LED103 66W 840 HE PMMA	13	22	27	22	37	45
700151252609	DCW 114-150 LED120 78W 840 HE PMMA	13	22	27	22	37	45
700151252014	DCW 114-120 LED145 99W 840 High flux	11	18	22	18	30	37
700151252019	DCW 114-150 LED190 125W 840 High flux	11	18	22	18	30	37
700151252011	DCW114 120 LED080 52W HF	15	24	30	24	40	49
700151252012	DCW114 150 LED100 66W HF	15	24	30	24	40	49
700151252013	DCW114 150 LED120 88W HF	16	26	32	27	44	54
700151252014	DCW114 120 LED145 108W HF	11	18	22	18	30	37