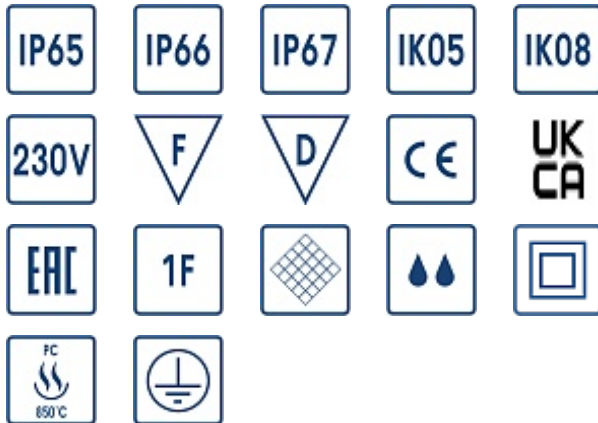


DCW114

TAKTON



Benefits:

- Up to 170 lm/W efficacy – reduce energy consumption and operating costs
- Built for demanding environments – resistant to moisture, dust and impact
- Flexible material options – PC or GRP housing, PC or PMMA diffuser
- Low glare, uniform light – improved visual comfort and safety
- Fast and easy installation – integrated gear tray saves time on site
- Secure and durable design – reliable sealing with metal clips
- Maintenance-free operation – long-lasting LED technology
- Ideal retrofit solution – direct replacement for fluorescent waterproof luminaires

FUNCTIONALITY

Initial LED luminaire efficacy:

Up to 170lm/W

Optical cover:

polycarbonate (PC) As option acrylic (PMMA)

Color Rendering Index (CRI):

> 80

CCT:

4000K, 3000K, 6500K other temperature on request

Power supply:

Industrial driver Philips or TCI 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:

19-125 W depending on type

MECHANICAL PARAMETERS

Ingress protection:

IP65, (IP66, IP67 as option)

Impact resistance:

IK10

Installation:

on surface

Body material:

Polycarbonate

OVERTIME PERFORMANCE

Driver service life time @10% failures:

50000-100 000 hours depends on type

Colour consistency deviation:

MacAdam 3

Luminous flux system tolerance:

+/- 5%

Median useful life of LED source:

L80B20 - 50000 or 100000 hours depending on type

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

		lm	W	lm/W	Diffuser	Length mm	Max CB 16A type
700151252040	DCW114-120 3150lm 19W 840 I PC IP66	3150	19	166	PC	1174	35
700151252042	DCW114-120 3150lm 19W 840 I PC IP66 DALI	3150	19	166	PC	1174	25
700151252025	DCW114-120 4500lm 29W 840 I PC IP66	4500	29	155	PC	1174	35
700151252039	DCW114-120 4500lm 29W 840 I PC IP66 DALI	4500	29	155	PC	1174	25
700151252244	DCW114-120 5200LM 38W 840 I PC IP66	5200	34	153	PC	1174	35
700151252201	DCW114-120 5200lm 34W 840 I PC IP66 DALI	5200	34	153	PC	1174	25
700151252044	DCW114-150 6400lm 42W 840 I PC IP66	6400	42	152	PC	1454	35
700151252046	DCW114-150 6400lm 42W 840 I PC IP6 DALI	6400	42	152	PC	1454	25
700151252216	DCW114-150 8200lm 49W 840 I PC I IP66	8000	49	163	PC	1454	15
700151252049	DCW114-150 8200lm 49W 840 I PC I IP66 DALI	8000	49	163	PC	1454	25

DCW114

TAKTON

700151252453	DCW114-150 10000lm 62W I 840 I PMMA IP66	10000	62	161	PC	1454	15
700151252051	DCW114-150 10000lm 62W 840 I PC IP66 DALI	10000	62	161	PC	1454	25
700151252609	DCW114-150 12000LM 78W 840 I PC IP66	12000	78	154	PC	1454	30
700151252546	DCW114-150 12000LM 78W 840 I PC IP66 DALI	12000	78	154	PC	1454	18
700151252014	DCW114-120 14500LM 99W 840 I PC IP66	14500	99	146	PC	1174	30
700151252614	DCW114-120 14500LM 99W 840 I PC IP67 DALI	14500	99	146	PC	1174	18
700151252019	DCW114-150 19000LM 125W 840 I PC IP66	19000	125	152	PC	1454	30
700151252734	DCW114-150 19000LM 125W 840 I PC IP66 DALI	19000	125	152	PC	1454	23

DCW114 is a high-performance waterproof LED luminaire designed for industrial and commercial environments. Delivering up to 163 lm/W, it provides energy-efficient, uniform lighting with low glare and long service life. Available with PC or GRP housing and PC or PMMA diffuser, it offers flexibility for various applications. The integrated gear tray and robust metal clips ensure fast installation and reliable operation.