

Waterproof luminaires

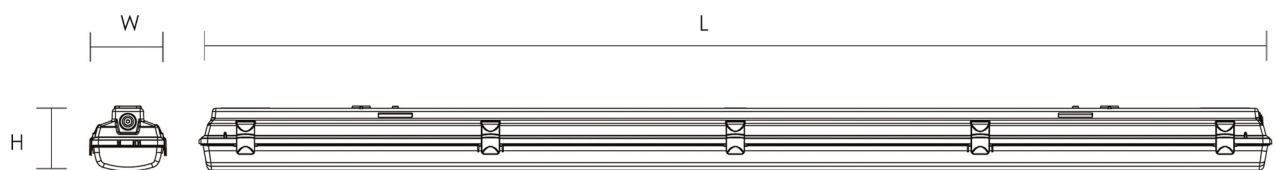


DCW 114



Type	DCW 114
Light source	LED module Philips
Driver	Driver Philips included
Input voltage	230 - 240 V
Power factor	0,95
Power consumption	58 - 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
Maintenance of lumen output - L80B20	50000 hours
Color rendering index (CRI)	> 80

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



Type	L	W	H
DCW 114-120	1200	116	100 (mm)
DCW 114-150	1500	116	100 (mm)

Benefits

- Up to 50% energy savings in comparison with TL-D
- Reliable LED technology – maintenance-free
- Direct replacement for conventional waterproof luminaires in terms of light performance, installation flexibility and length
- A professional luminaire for wide usage
- Fulfills the strongest quality requirements
- New opalized diffuser with unique light transmissivity. Specially developed for LED applications.

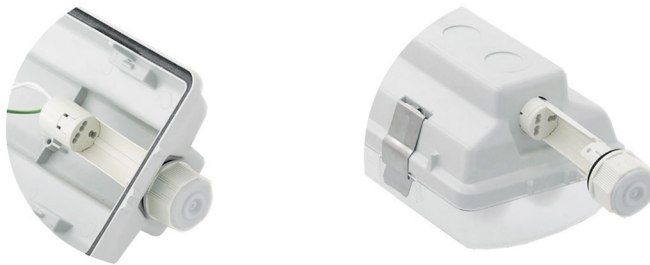
Diffuser

- Extremely high light efficiency through high light permeability, unique on the market, (up to 93% light transmissivity)
- An excellent light uniformity through well-balanced light dispersing (no shadows)
- Elimination of the dazzling effect (no glaring)
- Aesthetical appearance (no dots of the single LEDs)
- Keeping the usual, well known features of the diffuser such as chemical and heat resistance, mechanical features, UV-stabilization etc.

Product family range

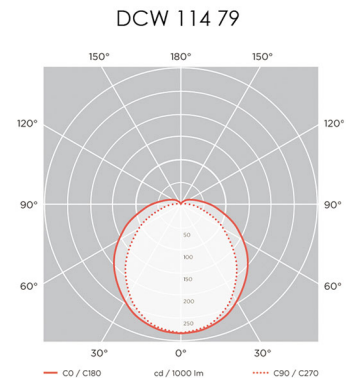
Code	Type	Power consumption	Initial luminous flux	Color temperature	Diffuser	Ingress protection
700151252011	DCW 114-120 LED080 58W High flux	58	8000	4000	Opal	IP 65
700151252012	DCW 114-150 LED100 66W High flux	86	10000	4000	Opal	IP 65
700151252013	DCW 114-150 LED120 88W High flux	88	12000	4000	Opal	IP 65
700151252014	DCW 114-120 LED145 108W High flux	108	14560	4000	Opal	IP 65
700151252019	DCW 114-150 LED190 125W High flux	125	19000	4000	Opal	IP 65

DCW 114 are available with IP66 protection.
IP65, IK08 - standart version, IP66, IP67, IK10 are avaiable on request.



Option

The Rapid Connector enables the electrical connection without disassembling the luminaire, thus avoiding a potential damage of the LED's inside the luminaire through electrostatic discharge (ESD).



700151252011 DCW 114 120 LED080 52W HF
700151252012 DCW 114 150 LED100 66W HF

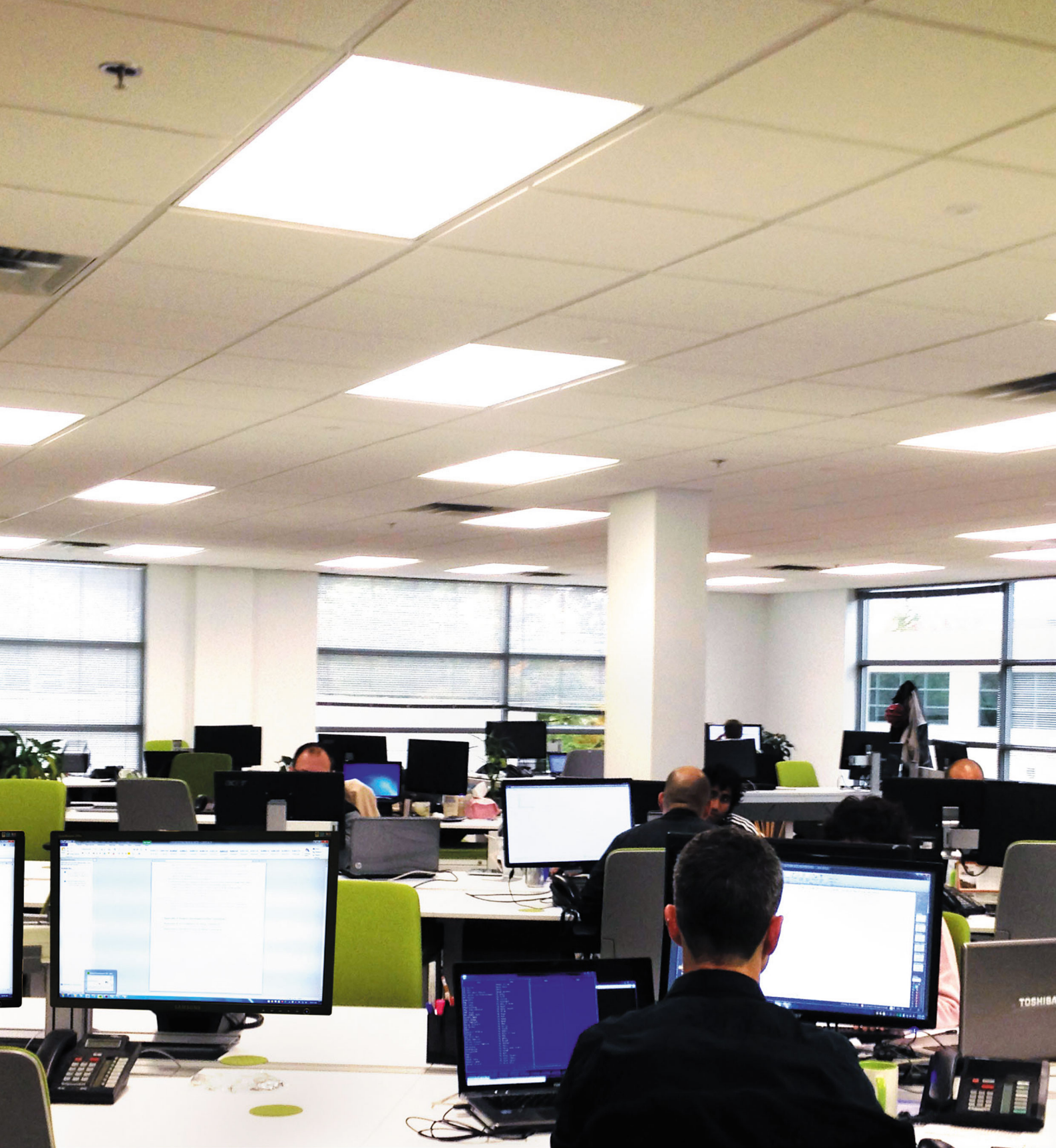
MCB type	Rate	Quantity
B	10A	≤15
B	13A	≤19
B	16A	≤24
B	20A	≤30
B	25A	≤37
C	10A	≤24
C	13A	≤32
C	16A	≤40
C	20A	≤49
C	25A	≤62

700151252014 DCW 114 120 LED145 108W I HF
700151252019 DCW 114 150 LED190 125W HF

MCB type	Rate	Quantity
B	10A	≤7
B	13A	≤9
B	16A	≤12
B	20A	≤15
B	25A	≤18
C	10A	≤12
C	13A	≤16
C	16A	≤20
C	20A	≤24
C	25A	≤31

700151252013 DCW 114 150 LED120 88W HF

MCB type	Rate	Quantity
B	10A	≤11
B	13A	≤14
B	16A	≤18
B	20A	≤22
B	25A	≤28
C	10A	≤18
C	13A	≤24
C	16A	≤30
C	20A	≤37
C	25A	≤46



INDOOR LUMINAIRES