Ledinaire Waterproof WT065C

WT065C LED44S/840 PSU L1800 ELB3

The Ledinaire Waterproof range provides maximum performance and durability at great value. As an off-the-shelf LED luminaire solution for all your everyday needs, it can be deployed in a wide variety of locations.

Product data

General information

Beam angle of light source	120 °
Light source colour	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	Symmetrical
Luminaire light beam spread	120°
Control interface	-
Connection	Connection unit 3-pole
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB (16 A type B)	24

EU RoHS compliant	Yes
Unified glare rating CEN	Not applicable

Light technical

Flickering	1
Stroboscopic effect	1.6

Operating and electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	16.5 A
Inrush time	0.113 ms
Power factor (min.)	0.9

Controls and dimming

Dimmable	No

Mechanical and housing

Housing material	Polycarbonate

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Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1870 mm
Overall width	97 mm
Overall height	83 mm
Colour	Grey and White
Dimensions (height x width x depth)	83 x 97 x 1870 mm

Emergency operation

Emergency time	3 h

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	–

Initial performance (IEC compliant)

Initial luminous flux (system flux)	4400 lm
Luminous flux tolerance	–10%,+15%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	<5

Initial input power	44 W
Power consumption tolerance	+/–10%

Over time performance (IEC compliant)

Control gear failure rate at median useful life 50,000 h	0.075 %
Lumen maintenance at median useful life* 50,000 h	L65

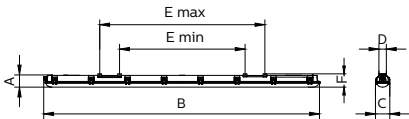## Application conditions

Ambient temperature range	–20 to +40 ℃
Performance ambient temperature Tq	25 ℃
Maximum dimming level	Not applicable
Suitable for random switching	Yes

Product data

Full product code	501635663540200
Order product name	WT065C LED44S/840 PSU L1800 ELB3
EAN/UPC – product	5016356635402
Order code	63540200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919013004426
Net Weight (Piece)	2.060 kg

Dimensional drawing

Type	Dimension (mm)							Nr. of clips
	A	B	C	D	E min	E max	F	
WT065C LED44S/840 PSU L1800	83	1870	97	56	851	1120	90	16
WT065C LED48S/840 PSU L1800		1870						

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www.lighting.philips.com

2022, December 19 – data subject to change