



Ledinaire Waterproof WT065C

WT065C G3 LED18S/840 PSU L600 BN

Ledinaire Waterproof WT065C, (in brown Eco Packaging), 16 W, L600 mm, 1800 lm, 4000 K, Symmetrical, Opal, IP65, IK08, TW1-ready

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		Operating and Electrical	
Light source replaceable	Yes	Luminous Efficacy (rated) (Nom)	112 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	>80
Driver included	Yes	Light source color	840 neutral white
Service tag	No	Optic type	Symmetrical
Lighting Technology	LED	Luminaire light beam spread	110°
Value ladder	Value	Unified glare rating CEN	31
Serviceability class	Class C, luminaire without serviceable parts, not serviceable		
Warranty period	3 years	Input Voltage	220 to 240 V
Sustainability rating	-	Line Frequency	50 or 60 Hz
		Inrush current	14.5 A
		Inrush time	0.182 ms
		Power Consumption	16 W
		Power Factor (Fraction)	0.9
		Connection	Push-in connector 3-pole
		Cable	-
Light Technical			
Luminous Flux	1,800 lm		
Saturated Red (R9)	<50		
Correlated Color Temperature (Nom)	4000 K		

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Number of products on MCB of 16 A type B	72
Suitable for random switching	No
Protection class IEC	Safety class I
Feed-through wiring	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Grey
Optical cover finish	Opal
Overall length	607 mm
Overall width	71 mm
Overall height	74 mm
Dimensions (Height x Width x Depth)	74 x 71 x 607 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	0.660 kg

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes

ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38) SDCM≤5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L70
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-

Product Data

Order product name	WT065C G3 LED18S/840 PSU L600 BN
Full product name	WT065C G3 LED18S/840 PSU L600 BN
Full product code	871951496381899
Order code	911401807485
Material Nr. (12NC)	911401807485
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514963818
Numerator - Packs per outer box	12
EAN/UPC - Case	8719514963894

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Dimensional drawing

