Ledinaire Waterproof WT065C

WT065C G2 LED98S/840 PSU L1500

Ledinaire Waterproof WT065C, 60 W, L1500 mm, 9800 lm, 4000 K, Symmetrical, Clear, 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

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	No
Lighting Technology	LED
Value ladder	Value
Warranty period	3 years
Sustainability rating	–

Light Technical

Luminous Flux	9,800 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	163 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	110 degree(s)
Light source color	840 neutral white

Optic type	Symmetrical
Luminaire light beam spread	110°
Unified glare rating CEN	30

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	17.2 A
Inrush time	0.172 ms
Power Consumption	60 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	–
Number of products on MCB of 16 A type B	31
Suitable for random switching	No
Protection class IEC	Safety class I

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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
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Gray
Optical cover finish	Clear
Overall length	1,507 mm
Overall width	90 mm
Overall height	78 mm
Dimensions (Height x Width x Depth)	78 x 90 x 1507 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	1.600 kg

Emergency Operation

Central Emergency	No

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)

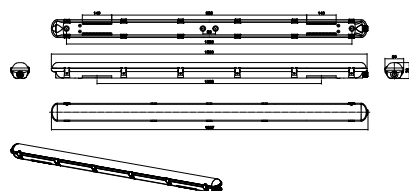|	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38) SDCM≤5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

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	L65
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	–

Product Data

Order product name	WT065C G2 LED98S/840 PSU L1500
Full product name	WT065C G2 LED98S/840 PSU L1500
Full product code	871951495818099
Order code	911401874084
Material Nr. (12NC)	911401874084
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514958180
Numerator – Packs per outer box	8
EAN/UPC – Case	8719514958203

Dimensional drawing

WT065C G2 LED98S/840 PSU L1500
WT065C G2 LED88S/840 PSU L1500 PCO

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