



Ledinaire Waterproof WT065C

WT065C G3 LED48S/840 PSU L1200 BN

Ledinaire Waterproof WT065C, (in brown Eco Packaging), 44 W, L1200 mm, 4800 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		Optic type	
Light source replaceable	Yes		Symmetrical
Number of gear units	1 unit	Luminaire light beam spread	110°
Driver included	Yes	Unified glare rating CEN	31
Service tag	No	Operating and Electrical	
Lighting Technology	LED	Input Voltage	220 to 240 V
Value ladder	Value	Line Frequency	50 or 60 Hz
Warranty period	5 years	Inrush current	18.6 A
		Inrush time	0.153 ms
		Power Consumption	44 W
		Power Factor (Fraction)	0.9
		Connection	Push-in connector 3-pole
		Cable	-
		Number of products on MCB of 16 A type B	36
		Suitable for random switching	No
		Protection class IEC	Safety class I

Light Technical

Luminous Flux	4,800 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	109 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white

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Feed-through wiring	Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
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Total harmonic distortion	20 %
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Controls and Dimming

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

Housing Material	Polycarbonate
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Reflector material	Steel
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Optic material	Polycarbonate
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Optical cover material	Polycarbonate
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Fixation material	Stainless steel
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Housing Color	Grey
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Optical cover finish	Opal
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Overall length	1,207 mm
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Overall width	71 mm
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Overall height	74 mm
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Dimensions (Height x Width x Depth)	74 x 71 x 1207 mm
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Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK08 [5 J vandal-protected]
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Net Weight (Piece)	1.120 kg
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Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
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Flammability mark	For mounting on easily flammable surfaces
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CE mark	Yes
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ENEC mark	-
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Photobiological risk	Photobiological risk group 0 @200mm to EN62778
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Photobiological risk specification	0.2 m
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EU RoHS compliant	Yes
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Performance ambient temperature Tq	25 °C
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Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
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Stroboscopic effect visibility measure (SVM)	0.4
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Ambient temperature range	-20 to +40 °C
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Initial Performance (IEC Compliant)

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

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

Sustainability rating	Unclassified
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Repair class	Repair Class D, this product is not designed to be repaired.
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Embedded carbon (A1-A3)	13.7 kg CO ₂ e
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Product non-virgin material ratio	11.2 %
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Recyclable content ratio of the finished product	56.5 %
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GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh)
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GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh)
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Product Data

Order product name	WT065C G3 LED48S/840 PSU L1200 BN
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Full product name	WT065C G3 LED48S/840 PSU L1200 BN
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Full product code	871951496383299
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Order code	911401807685
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Material Nr. (12NC)	911401807685
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Numerator - Quantity Per Pack	1
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EAN/UPC - Product/Case	8719514963832
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Numerator - Packs per outer box	9
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EAN/UPC - Case	8719514963917
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Dimensional drawing

