



Ledinaire Waterproof

WT060C LED56S/840 PSU TW1 L1500 BN

Ledinaire Waterproof, 46 W, L1500 mm, 5600 lm, 4000 K, Symmetrical, Opal, IP66, IK08, TW1

The Ledinaire waterproof (WT060) range contains a selection of popular off-the-shelf waterproof LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable. Ledinaire enables, simple and quick installation, with optional through wiring possibility.

Product data

General Information			
Light source replaceable	No	Luminous Efficacy (rated) (Nom)	120 lm/W
Number of gear units	1 unit	Color rendering index (CRI)	>80
Driver included	Yes	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Feed-through wiring	Feed-through wiring 1-phase	Stroboscopic effect visibility measure (SVM)	1.6
Service tag	No	Beam angle of light source	120 degree(s)
Lighting Technology	LED	Light source color	840 neutral white
Value ladder	Value	Optic type	Symmetrical
CE mark	CE mark	Luminaire light beam spread	120°
Warranty period	3 years	Unified glare rating CEN	26
Flammability mark	For mounting on normally flammable surfaces		
ENEC mark	-		
Glow-wire test	Temperature 850 °C, duration 30 s		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Luminous Flux	5,600 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 or 60 Hz
		Inrush current	3.3 A
		Inrush time	0.115 ms
		Power Consumption	46 W
		Power Factor (Fraction)	0.9
		Connection	Connection unit 3-pole

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Cable	-
Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	-20 to +45 °C
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Controls and Dimming

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

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Grey
Optical cover finish	Opal
Overall length	1,558 mm
Overall width	69 mm
Overall height	59 mm
Dimensions (Height x Width x Depth)	59 x 69 x 1558 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	7.5 %
50000 h	
Lumen maintenance at median useful life*	75
50000 h	
Lumen maintenance at median useful life*	70
75000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Yes

Product Data

Order product name	WT060C LED56S/840 PSU TW1 L1500 BN
Full product name	WT060C LED56S/840 PSU TW1 L1500 BN
Full product code	871016336012699
Order code	911401876980
Material Nr. (12NC)	911401876980
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163360126
Numerator - Packs per outer box	12
EAN/UPC - Case	8710163360249

Dimensional drawing

WT060C TW



Symbol	A	B	C	D	E	F
L1500	69	59	59	1558	200	200
L3000	69	59	59	3098	200	200

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