PHILIPS Lighting

Ledinaire Waterproof

WT060C LED80S/840 PSU L1800 BN

Ledinaire Waterproof, (in brown Eco Packaging), 65 W, L1800 mm, 8000 lm, 4000 K, Symmetrical, Opal, IP66, IK08

The Ledinaire waterpprof (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
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	8,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	120°

Unified glare rating CEN	26

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	4.5 A
Inrush time	0.132 ms
Power Consumption	65 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	–
Number of products on MCB of 16 A type B	20
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

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

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Control interface	–
Constant light output	No
Maximum dim level	Not applicable

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	1,801 mm
Overall width	69 mm
Overall height	59 mm
Dimensions (Height x Width x Depth)	59 x 69 x 1801 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	0.830 kg

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	–
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
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)	1.6
Ambient temperature range	–20 to +45 °C

Initial Performance (IEC Compliant)

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

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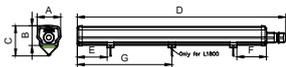
Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L70
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	–

Product Data

Order product name	WT060C LED80S/840 PSU L1800 BN
Full product name	WT060C LED80S/840 PSU L1800 BN
Full product code	871016336295399
Order code	911401893180
Material Nr. (12NC)	911401893180
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8710163362953
Numerator – Packs per outer box	12
EAN/UPC – Case	8710163363035

Dimensional drawing

WT060C

WT060C (mm)	A	B	C	D	E	F	G
L600	69	59	69	617	100-160	100-160	
L1200	69	59	69	1231	200-360	200-360	
L1500	69	59	69	1501	100-165	100-165	
L1800	69	59	69	1801	100-290	100-290	600.6

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2025, March 17 – data subject to change