



Ledinaire waterproof EcoSet

WT075C 68S/840 ESW L1500 EcoSet

Ledinaire waterproof EcoSet, 50 W, L1500 mm, 6800 lm, 4000 K, EcoSet, Symmetrical, Opal, IP65, IK08

The Philips Ledinaire waterproof EcoSet (WT075) introduces a unique plug-and-play wireless solution. This LED lighting waterproof offers an easy way to unlock more energy savings compared with on/off systems and enables simple automated lighting in parking garages. Our latest innovation enables our LED lighting waterproof luminaires to work with an external AC-powered microwave sensor to detect motion and daylight. These additional external lighting sensors trigger automated dimming of the luminaire. Setup is very simple, your lights are ready to use as soon as installed in the ceiling. What's even better – Ledinaire EcoSet contributes to a feeling of safety in parking spaces. Lights remain dimmed when not in use; enabling energy savings yet safety for visitors in parking spaces. A win-win.

Product data

General Information		Flickering value (PstLM) - Flickering value as per EN 61000-3-3	
Number of gear units	1 unit	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.5
Driver included	Yes	Stroboscopic effect visibility measure (SVM)	1
Connectivity	EcoSet	Light source color	840 neutral white
Value ladder	Value	Optic type	Symmetrical
Light Technical		Luminaire light beam spread	110°
Luminous Flux	6,800 lm	Unified glare rating CEN	31
Luminous Efficacy (rated) (Nom)	135 lm/W	Operating and Electrical	
Correlated Color Temperature (Nom)	4000 K	Input Voltage	220 to 240 V
Color rendering index (CRI)	>80	Line Frequency	50 or 60 Hz

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Inrush current	19 A
Inrush time	0.42 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	13

Temperature

Ambient temperature range	-20 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver for EcoSet
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	1,507 mm
Overall width	71 mm
Overall height	74 mm
Dimensions (Height x Width x Depth)	74 x 71 x 1507 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Sustainability rating	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces

CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38,0.38) SDCM≤5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance at median useful life* 50000 h	L70

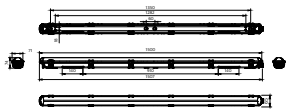
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Order product name	WT075C 68S/840 ESW L1500 EcoSet
Full product name	WT075C 68S/840 ESW L1500 EcoSet
Full product code	872016975037199
Order code	911401803087
Material Nr. (12NC)	911401803087
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.250 kg
EAN/UPC - Product/Case	8720169750371
Numerator - Packs per outer box	9
EAN/UPC - Case	8720169750395

Dimensional drawing



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