



Ledinaire waterproof EcoSet

WT075C 68S/840 ESW L1500 EcoSet

Ledinaire waterproof EcoSet, 50 W, L1500 mm, 6800 lm, 4000 K, Wireless, 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		Color rendering index (CRI)	
Number of gear units	1 unit		>80
Driver included	Yes	Light source color	840 neutral white
Value ladder	Value	Optic type	Symmetrical
Warranty period	3 years	Luminaire light beam spread	110°
Sustainability rating	-	Unified glare rating CEN	31
Light Technical		Operating and Electrical	
Luminous Flux	6,800 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	135 lm/W	Inrush current	19 A
		Inrush time	0.42 ms

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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
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver for EcoSet
Control interface	Wireless
Constant light output	No
Connectivity	EcoSet

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
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Net Weight (Piece)	1.250 kg

Emergency Operation

Central Emergency	No
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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	0.5
Stroboscopic effect visibility measure (SVM)	1
Ambient temperature range	-20 to +35 °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	L70

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
EAN/UPC - Product/Case	8720169750371
Numerator - Packs per outer box	9
EAN/UPC - Case	8720169750395

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Dimensional drawing

