PHILIPS

RC075 4xW60L60 sensor sw remote EcoSet

929800013076



Ledinaire panel EcoSet, EcoSet bundle containing 4 panels, 1 sensor, 1 wall switch & 1 remote controller, 28 W, 600x600 mm, VPC, 3400 lm, 4000 K, Wireless, EcoSet, UGR19

EcoSet bundle containing 4 panels, 1 sensor, 1 wall switch & 1 remote controller, 600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Wireless driver for EcoSet, 3400 lm, 28 W, 120 lm/W, 4000 K, (0.38, 0.38) SDCM ≤5, UGR19, Beam angle 90°, Microprismatic lens, Acrylate, IP20/40 | Finger-protected;Wire-protected, IK02 | 0.2 J standard, Safety class II, Flying leads/wires

General Information

Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
Service tag	No
Value ladder	Value
Warranty period	5 years

Light Technical

Luminous Flux	3,400 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	90 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W W
Inrush current	16 A
Inrush time	0.3 ms
Power Consumption	28 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	-
Number of products on MCB of 16 A type B	47
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver for EcoSet
Control interface	Wireless
Constant light output	No
Maximum dim level	20%
Connectivity	EcoSet

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Fixation material	-
Housing Color	White
Optical cover finish	Microprismatic lens
Overall length	595 mm
Overall width	595 mm
Overall height	65 mm
Dimensions (Height x Width x Depth)	65 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.364 kg

Emergency Operation

Central Emergency	No

Approval and Application

Glow-wire test	Temperature 650 °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
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	1
Ambient temperature range	-10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +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	L80

Sustainability Data

Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	39.3 kg CO_2e
Product non-virgin material ratio	6.98 %
Recyclable content ratio of the finished product	57.7 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) 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 CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

Order product name	RC075 4xW60L60 sensor sw remote EcoSet
Full product name	RC075 4xW60L60 sensor sw remote EcoSet
Full product code	872016932841900
Order code	929800013076
Material Nr. (12NC)	929800013076
Numerator - Quantity Per Pack	7
EAN/UPC - Product/Case	8720169328419
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169328426

Dimensional drawing

Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401562943	EXT2010 OCC DL PIR AC Sensor RS WH ESW	Product Website
	911401807787	RC159Z SMB W60L60	Product Website
	911401808087	RC059Z SMB W60L60	Product Website
	911401809187	RC159Z Safety Cable	Product Website
	911401809287	RC159Z Plaster Ceiling SMB-PLC	Product Website
	911401809487	RC159Z Suspension set SME-3 WH	Product Website

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-Ledinaire-panel-ecoset-RC075-34S-840-ESW-W60L60-OC-EcoSet-SC-911401877685.pdf	Download
Installation Instructions	Mounting Instruction Ledinaire panel G5 Ecoset.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	RC075-34S-840-ESW-W60L60-OC-EcoSet.ies	Download

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