PHILIPS

Lighting

Ledinaire panel EcoSet

RC075 34S/840 ESW W60L60 OC EcoSet SC

Ledinaire panel EcoSet, 28 W, 600x600 mm, 3400 lm, 4000 K, Wireless, UGR19

The Philips Ledinaire panel EcoSet (RC075) introduces a unique plug-and-play wireless solution. This LED lighting panel offers an easy way to unlock more energy savings and enables simple automated lighting in offices or schools.Our latest innovation enables our LED lighting panels to work with an external AC-powered PIR sensor to detect motion and daylight. These additional external lighting sensors trigger automated dimming of the luminaire. Setup is simple with the remote, so your lights are ready in no time. Use predefined dim levels or configure them easily via integrated dipswitches. An optional wall switch is available as an accessory for manual control—just in case you need it!

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Value
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Safety device	SC [Safety cable]
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
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Beam angle of light source	90 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 90°

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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
Average CLO power consumption	- W
Inrush current	16 A
Inrush time	0.3 ms
Power Consumption	28 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	47

Temperature

Ambient temperature range	-10 to +35 °C

Controls and Dimming

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

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

Approval and Application

Ingress protection code	IP20/40 [Finger-protected, Emitting surface]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +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	L80
Lumen maintenance at median useful life* 75000 h	L70

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	20%
Suitable for random switching	Not applicable

Product Data

Order product name	RC075 34S/840 ESW W60L60 OC EcoSet SC
Full product name	RC075 34S/840 ESW W60L60 OC EcoSet SC
Full product code	872016951721999
Order code	51721999
Material Nr. (12NC)	911401877685
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169517219
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169517011

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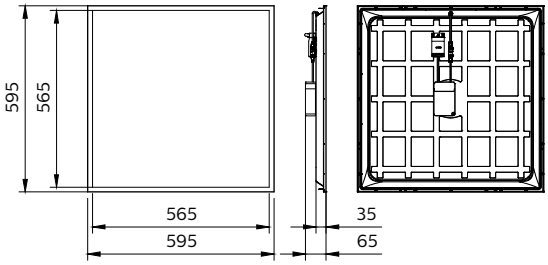
Dimensional drawing



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