



# 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 dipperswitches. An optional wall switch is available as an accessory for manual control—just in case you need it!

### Product data

General Information		Beam angle of light source	
Number of gear units	1 unit	Beam angle of light source	90 degree(s)
Driver included	Yes	Light source color	840 neutral white
Value ladder	Value	Optic type	Beam angle 90°
Warranty period	3 years	Luminaire light beam spread	90°
Sustainability rating	-	Unified glare rating CEN	19
Light Technical		Operating and Electrical	
Luminous Flux	3,400 lm	Input Voltage	220 to 240 V
Correlated Color Temperature (Nom)	4000 K	Line Frequency	50 or 60 Hz
Luminous Efficacy (rated) (Nom)	120 lm/W	Inrush current	16 A
Color rendering index (CRI)	>80	Inrush time	0.3 ms
		Power Consumption	28 W

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Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	47
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %

### Controls and Dimming

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

### 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
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Safety device	SC [Safety cable]
Net Weight (Piece)	1.650 kg

### Emergency Operation

Central Emergency	No
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### 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
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-

### 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	911401877685
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

