



# CoreLine Wall-mounted

## WL140V LED34S/840 PSR MDU WH

CoreLine Wall-mounted, 30 W, D390 mm, 3100 lm, 4000 K, Sensor-based dim, MDU3, IP65

CoreLine wall-mounted solutions deliver on the CoreLine promise of innovative, easy-to install and high quality luminaires. These circular-shaped, surface-mounted luminaires are suitable for both ceiling and wall installations and are easy to apply in circulation areas such as corridors, hallways and staircases. The modern, unobtrusive design, combined with a homogeneous light distribution, ensures this luminaire will blend into the architecture of most buildings. And thanks to the push-in connectors, installation of the CoreLine WL140V is fast and straightforward. This family includes Interact ready luminaires with integrated wireless communications, ready for use with Interact gateways, sensors and software.

### Product data

General Information	
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Lighting Technology	LED
Value ladder	Performance
Embedded control	Programmable movement and light sensor with wireless grouping
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark

Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	3,100 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	103 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Beam angle of light source	120 degree(s)

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Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	120° x 120°
Unified glare rating CEN	25

### Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	10 A
Inrush time	0.066 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	–
Number of products on MCB of 16 A type B	42

### Temperature

Ambient temperature range	–20 to +40 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Sensor-based dim
Constant light output	No

### Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	–
Housing Color	White
Optical cover finish	Opal
Overall height	85 mm
Overall diameter	390 mm

### Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK10 [20 J vandal-resistant]
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%
Initial chromaticity	(0.3818,0.3797) SDCM <3
Power consumption tolerance	+/-10%

### Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	–
35000 h	
Lumen maintenance at median useful life*	80
50000 h	
Lumen maintenance at median useful life*	–
75000 h	
Lumen maintenance at median useful life*	–
100000 h	

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%
Suitable for random switching	No

### Product Data

Order product name	WL140V LED34S/840 PSR MDU WH
Full product name	WL140V LED34S/840 PSR MDU WH
Full product code	871951453087499
Order code	911401852082
Material Nr. (12NC)	911401852082
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514530874
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514530935

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### Dimensional drawing

