



CoreLine Wallmounted

WL120V LED16S/840 PSU WH

LED Module, system flux 1600 lm - 840 neutral white - Power supply unit - - - White

CoreLine Wall-mounted is a circular-shaped surface-mounted luminaire that is easy to apply in circulation areas such as hallways and staircases. The modern unobtrusive design, in combination with its homogeneous light distribution it delivers, ensures that this luminaire blends into most building architectures. With the push-in connectors, installation is fast and straightforward.

Product data

General Information	
Number of light sources	1 pc
Lamp family code	LED16S [LED Module, system flux 1600 lm]
Beam angle of light source	120 °
Light source color	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Symmetrical
Luminaire light beam spread	180°
Emergency lighting	-
Connection	Push-in connector and pull relief
Cable	-
Protection class IEC	Safety class I
Glow-wire test	Temperature 850 °C, duration 30 s

Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years + 2 years upon registration
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore the median useful life (B50)
	value also represents the B10 value.
Constant light output	No
Number of products on MCB of 16 A	15
type B	
RoHS mark	RoHS mark

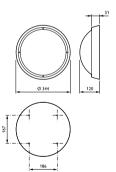
Datasheet, 2019, October 2 data subject to change

CoreLine Wall-mounted

Input Voltage		
Input Frequency 50 to 60 Hz Inrush current 22 A Inrush time 0.32 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Housing Material Composite materials Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)	Operating and Electrical	
Inrush current 22 A Inrush time 0.32 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Housing Material Composite materials Reflector material - Optic material Polycarbonate Optical cover/lens material Polycarbonate Fixation material Polycarbonate Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)	Input Voltage	220 to 240 V
Inrush time 0.32 ms Power Factor (Min) 0.9 Controls and Dimming Dimmable No Mechanical and Housing Housing Material Composite materials Reflector material - Optic material Polycarbonate Optical cover/lens material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code Initial Performance (IEC Compliant)	Input Frequency	50 to 60 Hz
Power Factor (Min) Controls and Dimming Dimmable No Mechanical and Housing Housing Material Composite materials Reflector material Optic material Polycarbonate Optical cover/lens material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code III [20 J vandal-resistant]	Inrush current	22 A
Controls and Dimming Dimmable No Mechanical and Housing Housing Material Composite materials Reflector material - Optic material Polycarbonate Optical cover/lens material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IIII [20 J vandal-resistant]	Inrush time	0.32 ms
Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Polycarbonate Fixation material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]	Power Factor (Min)	0.9
Dimmable No Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Polycarbonate Fixation material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]		
Mechanical and Housing Housing Material Reflector material Optic material Optical cover/lens material Polycarbonate Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code III [20 J vandal-resistant]	Controls and Dimming	
Housing Material Reflector material Optic material Optical cover/lens material Polycarbonate Optical cover/lens material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]	Dimmable	No
Housing Material Reflector material Optic material Optical cover/lens material Polycarbonate Optical cover/lens material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]		
Reflector material - Optic material Polycarbonate Optical cover/lens material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]	Mechanical and Housing	
Optic material Polycarbonate Optical cover/lens material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]	Housing Material	Composite materials
Optical cover/lens material Polycarbonate Fixation material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]	Reflector material	-
Fixation material Polyamide Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]	Optic material	Polycarbonate
Optical cover/lens finish Opal Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant]	Optical cover/lens material	Polycarbonate
Overall height 120 mm Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)	Fixation material	Polyamide
Overall diameter 344 mm Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)	Optical cover/lens finish	Opal
Height 120 mm Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)	Overall height	120 mm
Color White Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)	Overall diameter	344 mm
Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)	Height	120 mm
Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)	Color	White
Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)		
Mech. impact protection code IK10 [20 J vandal-resistant] Initial Performance (IEC Compliant)	Approval and Application	
Initial Performance (IEC Compliant)	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
	Mech. impact protection code	IK10 [20 J vandal-resistant]
Initial luminous flux (system flux) 1600 lm	Initial Performance (IEC Compliant)	
initial turnings hax (system tux)	Initial luminous flux (system flux)	1600 lm

Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	67 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.37, 0.37) SDCM<3
Initial input power	24 W
Power consumption tolerance	+/-10%
Application Conditions	
Ambient temperature range	-20 to +35 ℃
Performance ambient temperature Tq	25 ℃
Suitable for random switching	No
Product Data	
Product Data Full product code	871869606633199
	871869606633199 WL120V LED16S/840 PSU WH
Full product code	
Full product code Order product name	WL120V LED16S/840 PSU WH
Full product code Order product name EAN/UPC - Product	WL120V LED16S/840 PSU WH 8718696066331
Full product code Order product name EAN/UPC - Product Order code	WL120V LED16S/840 PSU WH 8718696066331 910503910010
Full product code Order product name EAN/UPC - Product Order code Numerator - Quantity Per Pack	WL120V LED16S/840 PSU WH 8718696066331 910503910010
Full product code Order product name EAN/UPC - Product Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	WL120V LED16S/840 PSU WH 8718696066331 910503910010 1

Dimensional drawing



CoreLine Wall-mounted WL120V/WL121V

CoreLine Wall-mounted



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