



# CoreLine Wall-mounted

# WL131V LED12S/840 PSR EL3 MDU WH

CoreLine Wall-mounted, 12 W, D350 mm, 1200 lm, 4000 K, Sensor-based dim, IP65, EL3h

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Wall-mounted range of LED products can be used to replace traditional wall-mounted luminaires incorporating compact fluorescent lamps. The process of selecting, installing and maintaining is so easy — it's a simple switch.

#### **Product data**

General Information	
Lamp family code	LED12 [LED Module 1200 lm]
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
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.
Product family code	WL131V [CORELINE GEN2 WALL LUMINAIRE]
Lighting Technology	LED
Value ladder	Performance
ighting Technology	B10. Therefore, the median useful life (B50) value also represents the B10 value.  WL131V [CORELINE GEN2 WALL LUMINAIRE LED

Movement detection unit
Yes
5 years
-
ENEC mark
Temperature 850 °C, duration 30 s
Yes
1,200 lm
4000 K
100 lm/W
80
120 degree(s)
840 neutral white

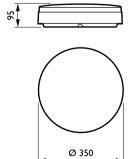
Datasheet, 2023, August 2 data subject to change

## **CoreLine Wall-mounted**

Optic type	Opal prismatic reflector
Optical cover type	Opal bowl with painted cover
Luminaire light beam spread	120°
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	12 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 6-pole
Cable	-
Number of products on MCB of 16 A type	18
В	
Temperature	
Ambient temperature range	0 to +40 °C
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	Polyamide
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	350 mm
Overall width	350 mm
Overall height	96 mm
Overall diameter	350 mm

Dimensions (Height x Width x Depth) 96 x 350 x 350 mm  Approval and Application  Ingress protection code IP65 [Dust penetration-protected, jet-proof] Mech. impact protection code IK08 [5 J vandal-protected]  Protection class IEC Safety class II  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity (0.39, 0.39) SDCM<3  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 910500465406  Material Nr. (12NC) 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1  EAN/UPC - Case 8718699402839			
Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IK08 [5 J vandal-protected]  Protection class IEC  Safety class II  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-10%  Power consumption tolerance  +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name  WL13IV LED12S/840 PSR EL3 MDU WH  Full product code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Dimensions (Height x Width x Depth)	96 x 350 x 350 mm	
Ingress protection code  IP65 [Dust penetration-protected, jet-proof]  Mech. impact protection code  IK08 [5 J vandal-protected]  Protection class IEC  Safety class II  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-10%  Power consumption tolerance  +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name  WL13IV LED12S/840 PSR EL3 MDU WH  Full product code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1			
Mech. impact protection code IKO8 [5 J vandal-protected]  Protection class IEC Safety class II  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity (0.39, 0.39) SDCM<3  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL13IV LED12S/840 PSR EL3 MDU WH  Full product name WL13IV LED12S/840 PSR EL3 MDU WH  Full product code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Approval and Application		
Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity (0.39, 0.39) SDCM<3  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Initial Performance (IEC Compliant)  Luminous flux tolerance +/-10%  Initial chromaticity (0.39, 0.39) SDCM<3  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Mech. impact protection code	IK08 [5 J vandal-protected]	
Luminous flux tolerance +/-10% Initial chromaticity (0.39, 0.39) SDCM<3  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Protection class IEC	Safety class II	
Luminous flux tolerance +/-10% Initial chromaticity (0.39, 0.39) SDCM<3  Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1			
Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Initial Performance (IEC Compliant)		
Power consumption tolerance +/-10%  Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Luminous flux tolerance	+/-10%	
Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful L70  Life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Initial chromaticity	(0.39, 0.39) SDCM<3	
Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Power consumption tolerance	+/-10%	
Driver failure rate at 5000 h 1%  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1			
Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Over Time Performance (IEC Compliant)		
Lumen maintenance at median useful Life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Driver failure rate at 5000 h	1%	
Lumen maintenance at median useful life* 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Control gear failure rate at median useful	5 %	
Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	life 50000 h		
Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 20%  Suitable for random switching Yes  Product Data  Order product name WL131V LED12S/840 PSR EL3 MDU WH  Full product name WL131V LED12S/840 PSR EL3 MDU WH  Full product code 871869940283900  Order code 910500465406  Material Nr. (12NC) 910500465406  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Lumen maintenance at median useful	L70	
Performance ambient temperature Tq         25 °C           Maximum dim level         20%           Suitable for random switching         Yes           Product Data         WL131V LED12S/840 PSR EL3 MDU WH           Full product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	life* 50000 h		
Performance ambient temperature Tq         25 °C           Maximum dim level         20%           Suitable for random switching         Yes           Product Data         WL131V LED12S/840 PSR EL3 MDU WH           Full product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1			
Maximum dim level         20%           Suitable for random switching         Yes           Product Data         WL131V LED12S/840 PSR EL3 MDU WH           Full product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	Application Conditions		
Product Data         WL131V LED12S/840 PSR EL3 MDU WH           Full product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	Performance ambient temperature Tq	25 °C	
Product Data           Order product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	Maximum dim level	20%	
Order product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	Suitable for random switching	Yes	
Order product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1			
Full product name         WL131V LED12S/840 PSR EL3 MDU WH           Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	Product Data		
Full product code         871869940283900           Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	Order product name	WL131V LED12S/840 PSR EL3 MDU WH	
Order code         910500465406           Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	Full product name	WL131V LED12S/840 PSR EL3 MDU WH	
Material Nr. (12NC)         910500465406           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718699402839           Numerator - Packs per outer box         1	Full product code	871869940283900	
Numerator - Quantity Per Pack     1       EAN/UPC - Product/Case     8718699402839       Numerator - Packs per outer box     1	Order code	910500465406	
EAN/UPC - Product/Case 8718699402839  Numerator - Packs per outer box 1	Material Nr. (12NC)	910500465406	
Numerator - Packs per outer box 1	Numerator - Quantity Per Pack	1	
· · · · · · · · · · · · · · · · · · ·	EAN/UPC - Product/Case	8718699402839	
<b>EAN/UPC - Case</b> 8718699402839	Numerator - Packs per outer box	1	
	EAN/UPC - Case	8718699402839	

### Dimensional drawing



### **CoreLine Wall-mounted**



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.