



# CoreLine surfacemounted

## SM134V LED37S/830 W20L120 IA1 NOC

CoreLine surface-mounted, 35.4 W, 1200x200 mm, 3700 lm, 3000 K, Wireless, Interact Ready

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 Surface-mounted range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

#### **Warnings and Safety**

- The product is IPXO & as such is not protected against water ingress & as such we strongly recommend that The environment in which The luminaire is to be installed is suitably checked
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure & product warranty will become void

#### **Product data**

No
1 unit
Yes
Yes
SM134V [Coreline Surface]
Interact Ready
LED
Performance
Interact SNS210 sensor

Yes
5 years
For mounting on normally flammable
surfaces
ENEC mark
Temperature 850 °C, duration 30 s
Yes
3,700 lm

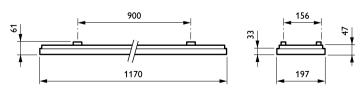
Datasheet, 2023, August 3 data subject to change

## **CoreLine surface-mounted**

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	104.5 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optic type	Wide beam
Luminaire light beam spread	93°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.275 ms
Power Consumption	35.4 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B $$	24
Temperature	
Ambient temperature range	+10 to +40 °C
Controls and Dimming	
Dimmable	Wireless Dim
Driver/power unit/transformer	Power supply unit regulating external
Control interface	Wireless
Constant light output	No
Mechanical and Housing	
Housing Material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Textured
Overall length	1,170 mm
Overall width	197 mm

Approval and Application Ingress protection code IP20 [Finger-protected] Mech. impact protection code IR02 [0.2.J standard] Sustainability rating - Protection class IEC Safety class I  Initial Performance (IEC Compliant) Luminous flux tolerance +/-8% Initial chromaticity (0.43, 0.40) 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* 5% Ilife 50000 h  Lumen maintenance at median useful life* L75  50000 h  Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level 1% Suitable for random switching Yes  Product Data Order product name SM134V LED375/830 W20L120 IA1 NOC Full product name SM134V LED375/830 W20L120 IA1 NOC Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185 Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1  EAN/UPC - Case 8718696996645	Overall height	47 mm
Ingress protection code  IP20 [Finger-protected]  Mech. impact protection code  IK02 [0.2 J standard]  Sustainability rating  - Protection class IEC  Safety class I  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-8%  Initial chromaticity  (0.43, 0.40) 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 Iife 50000 h  Lumen maintenance at median useful life* 5%  5%  Formance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching  Yes  Product Data  Order product name  SM134V LED375/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Packs per outer box 1	Dimensions (Height x Width x Depth)	47 x 197 x 1170 mm
Ingress protection code  IP20 [Finger-protected]  Mech. impact protection code  IK02 [0.2 J standard]  Sustainability rating  - Protection class IEC  Safety class I  Initial Performance (IEC Compliant)  Luminous flux tolerance  +/-8%  Initial chromaticity  (0.43, 0.40) 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 Iife 50000 h  Lumen maintenance at median useful life* 5%  5%  Formance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching  Yes  Product Data  Order product name  SM134V LED375/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Packs per outer box 1		
Mech. impact protection code  Sustainability rating  Protection class IEC  Safety class I  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-8%  Initial chromaticity (0.43, 0.40) 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* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED37S/830 W20L120 IA1 NOC  Full product name SM134V LED37S/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Packs per outer box 1	Approval and Application	
Sustainability rating - Protection class IEC Safety class I  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-8% Initial chromaticity (0.43, 0.40) 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* 5%  life 50000 h  Lumen maintenance at median useful life* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED37S/830 W20L120 IA1 NOC  Full product name SM134V LED37S/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Ingress protection code	IP20 [Finger-protected]
Protection class IEC Safety class I  Initial Performance (IEC Compliant)  Luminous flux tolerance +/-8%  Initial chromaticity (0.43, 0.40) 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* 5%  life 50000 h  Lumen maintenance at median useful life* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Mech. impact protection code	IKO2 [0.2 J standard]
Initial Performance (IEC Compliant)  Luminous flux tolerance +/-8%  Initial chromaticity (0.43, 0.40) 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 5 %  life 50000 h  Lumen maintenance at median useful life* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Sustainability rating	-
Luminous flux tolerance +/-8%  Initial chromaticity (0.43, 0.40) 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 5 %  life 50000 h  Lumen maintenance at median useful life* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Protection class IEC	Safety class I
Luminous flux tolerance +/-8%  Initial chromaticity (0.43, 0.40) 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 5 %  life 50000 h  Lumen maintenance at median useful life* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1		
Initial chromaticity (0.43, 0.40) 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* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  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 5 %  life 50000 h  Lumen maintenance at median useful life* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 99664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Luminous flux tolerance	+/-8%
Over Time Performance (IEC Compliant)  Driver failure rate at 5000 h 1%  Control gear failure rate at median useful 5 %  life 50000 h  Lumen maintenance at median useful life* L75  50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 871869699664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Initial chromaticity	(0.43, 0.40) SDCM <3
Driver failure rate at 5000 h  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 5 %  Source Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching  Yes  Product Data  Order product name SM134V LED37S/830 W20L120 IA1 NOC  Full product code 871869699664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Power consumption tolerance	+/-10%
Driver failure rate at 5000 h  Control gear failure rate at median useful life 50000 h  Lumen maintenance at median useful life* 5 %  Source Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching  Yes  Product Data  Order product name SM134V LED37S/830 W20L120 IA1 NOC  Full product code 871869699664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  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 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED37S/830 W20L120 IA1 NOC Full product name SM134V LED37S/830 W20L120 IA1 NOC Full product code 871869699664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Over Time Performance (IEC Complian	nt)
Lumen maintenance at median useful life* L75 50000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 871869699664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  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 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED375/830 W20L120 IA1 NOC  Full product name SM134V LED375/830 W20L120 IA1 NOC  Full product code 871869699664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  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 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED37S/830 W20L120 IA1 NOC  Full product name SM134V LED37S/830 W20L120 IA1 NOC  Full product code 871869699664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	life 50000 h	
Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level 1%  Suitable for random switching Yes  Product Data  Order product name SM134V LED37S/830 W20L120 IA1 NOC  Full product name SM134V LED37S/830 W20L120 IA1 NOC  Full product code 871869699664500  Order code 99664500  Material Nr. (12NC) 910925865185  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1	Lumen maintenance at median useful life*	L75
Performance ambient temperature Tq         25 °C           Maximum dim level         1%           Suitable for random switching         Yes           Product Data         Yes           Order product name         SM134V LED375/830 W20L120 IA1 NOC           Full product name         SM134V LED375/830 W20L120 IA1 NOC           Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	50000 h	
Performance ambient temperature Tq         25 °C           Maximum dim level         1%           Suitable for random switching         Yes           Product Data         Yes           Order product name         SM134V LED375/830 W20L120 IA1 NOC           Full product name         SM134V LED375/830 W20L120 IA1 NOC           Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1		
Maximum dim level         1%           Suitable for random switching         Yes           Product Data         Order product name           Grill product name         SM134V LED37S/830 W20L120 IA1 NOC           Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	Application Conditions	
Product Data         Yes           Order product name         SM134V LED37S/830 W20L120 IA1 NOC           Full product name         SM134V LED37S/830 W20L120 IA1 NOC           Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	Performance ambient temperature Tq	25 ℃
Product Data           Order product name         SM134V LED375/830 W20L120 IA1 NOC           Full product name         SM134V LED375/830 W20L120 IA1 NOC           Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	Maximum dim level	1%
Order product name         SM134V LED37S/830 W20L120 IA1 NOC           Full product name         SM134V LED37S/830 W20L120 IA1 NOC           Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	Suitable for random switching	Yes
Order product name         SM134V LED37S/830 W20L120 IA1 NOC           Full product name         SM134V LED37S/830 W20L120 IA1 NOC           Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1		
Full product name         SM134V LED375/830 W20L120 IA1 NOC           Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	Product Data	
Full product code         871869699664500           Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	Order product name	SM134V LED37S/830 W20L120 IA1 NOC
Order code         99664500           Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	Full product name	SM134V LED37S/830 W20L120 IA1 NOC
Material Nr. (12NC)         910925865185           Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718696996645           Numerator - Packs per outer box         1	Full product code	871869699664500
Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1		
EAN/UPC - Product/Case 8718696996645  Numerator - Packs per outer box 1		
Numerator - Packs per outer box 1	Numerator - Quantity Per Pack	1
	EAN/UPC - Product/Case	8718696996645
<b>EAN/UPC - Case</b> 8718696996645	Numerator - Packs per outer box	1
	EAN/UPC - Case	8718696996645

# Dimensional drawing



### **CoreLine surface-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.