PHILIPS

Lighting



Coreline 2.0

SM100C LED35S/840 PSU W20L120

LED module 2200 lm, 840 neutral white, Power supply unit (On/Off)

Coreline 2.0 keeps the compact design of the last generation with performance improvement and more variants for different markets. Integrating with ActiLume controller, Coreline 2.0 offers additional energy saving through daylight harvesting and motion sensing.

Product data

General Information	
Lamp family code	LED22 [LED module 2200 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.
Light source engine type	LED
CE mark	CE mark
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s

Light Technical	
Luminous Flux	3700 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color rendering index (CRI)	≥80
Light source color	840 neutral white
Optic type	Beam angle 60 to 120°
Optical cover type	Variable linear-lens array in polycarbonate cover
Luminaire light beam spread	90°

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Power Consumption	36.5 W
Power Factor (Fraction)	0.9
Number of products on MCB of 16 A type B	24

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Temperature	
Ambient temperature range	-20 to +40 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	Yes

Mechanical and Housing	
Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	White
Optical cover finish	Ribbed

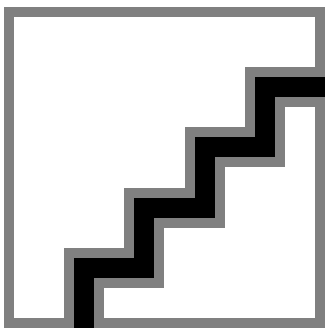
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Application Conditions	
Performance ambient temperature Tq	25 °C

Product Data	
Order product name	SM100C LED35S/840 PSU W20L120
Full product name	SM100C LED35S/840 PSU W20L120
Full product code	911401825599
Order code	911401825599
Material Nr. (12NC)	911401825599
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing



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