



Coreline 2.0

SM100C LED25S/840 PSU W20L120

LED module 1500 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		Correlated Color Temperature (Nom)	4000 K
Lamp family code	LED15 [LED module 1500 lm]	Luminous Efficacy (rated) (Nom)	101 lm/W
Light source replaceable	No	Color rendering index (CRI)	≥80
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Beam angle 60 to 120°
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.	Optical cover type	Variable linear-lens array in polycarbonate cover
Light source engine type	LED	Luminaire light beam spread	90°
CE mark	CE mark	Operating and Electrical	
ENEC mark	-	Input Voltage	220-240 V
Glow-wire test	Temperature 650 °C, duration 30 s	Line Frequency	50 or 60 Hz
Light Technical		Power Consumption	27.1 W
Luminous Flux	2,700 lm	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 LED25S/840 PSU W20L120
Full product name	SM100C LED25S/840 PSU W20L120
Full product code	911401825899
Local code description	RC100C24W4KFREC
Order code	911401825899
Material Nr. (12NC)	911401825899
Local order code	RC100C24W4KFREC
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2

Dimensional drawing

