



Coreline 2.0

SM100C LED25S/840 PSU W20L120

LED module 1500 lm - 840 neutral white - Power supply unit

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	LED15 [LED module 1500 lm]
Lamp colour code	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	60-120 [Beam angle 60 to 120°]
Optical cover/lens type	VAR-PC [Variable linear-lens array in polycarbonate cover]
Luminaire light beam spread	90°
Control interface	-
Protection class IEC	Safety class I (I)
Glow-wire test	650/30 [Temperature 650 °C, duration 30 s]
CE mark	CE mark
ENEC mark	-
UL mark	No
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance

	between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Constant light output	Yes
Spare parts available	Yes
Number of products on MCB (16 A type B)	24
Light source engine type	LED

Operating and Electrical

Input Voltage	220-240 V
Input frequency	50 or 60 Hz
Power factor (min.)	0.9
Power factor (nom.)	0.9

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Steel
Reflector material	Steel

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Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Ribbed
Colour	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03 [0.3 J]

Initial Performance (IEC Compliant)

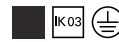
Initial luminous flux (system flux)	2700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	101 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	≥80
Initial input power	27.1 W
Power consumption tolerance	+/-10%

Application Conditions

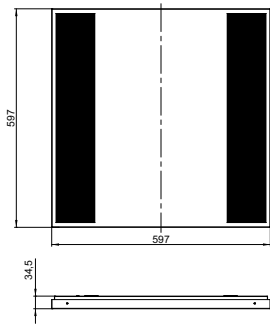
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C

Product Data

Full product code	911401825899
Order product name	SM100C LED25S/840 PSU W20L120
Order code	911401825899
Local order code	RC100C24W4KFREC
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	911401825899
SAP net weight (piece)	3.699 kg



Dimensional drawing



Coreline gen2 SM100C

