



# SingleLine, Surface & Suspended

**SM190C 39S/840 PSU W6L120 OC BK**

SM190C | SingleLine, 24.5 W, 3900 lm, 4000 K, Power supply unit (On/Off) , UGR19, Surface, Black

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Value ladder	-
Serviceability class	-
Warranty period	5 years
Sustainability rating	-

Light Technical

Luminous Flux	3,900 lm
Saturated Red (R9)	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	159 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	-
Light source color	840
Optic type	-
Luminaire light beam spread	-
Unified glare rating CEN	16

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	24.5 A
Inrush time	136 ms
Power Consumption	24.5 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	36
Suitable for random switching	No
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Stainless steel

Housing Color	Black
Optical cover finish	-
Overall length	1,135 mm
Overall width	61.8 mm
Overall height	71.8 mm
Dimensions (Height x Width x Depth)	71.8 x 61.8 x 1135 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK03
Net Weight (Piece)	2.4 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally fammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.39, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

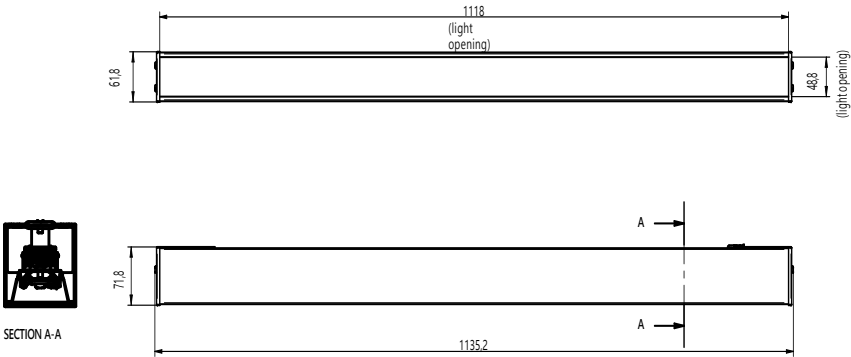
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Product Data

Order product name	SM190C 39S/840 PSU W6L120 OC BK
Full product name	SM190C 39S/840 PSU W6L120 OC BK
Full product code	-
Order code	-
Material Nr. (12NC)	910505105783
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169630376
Numerator - Packs per outer box	1
EAN/UPC - Case	-
Product family code	SM190C [SingleLine]

Dimensional drawing



SP190P - 910505105783

