



KeyLine, Suspended

SM350C 50S/840 PSD PCS L1500 BK

KeyLine, 37.5 W, Power supply unit with DALI interface, Medium beam, 74° x 74°

These days, many office owners and office lighting designers prefer lines of light. The reason is simple. Not only do light lines come in a minimalistic design; they also offer far more choice and flexibility. Short or long lines and luminaires, standalone luminaires, different shapes and even a variety of colors; anything is possible. And with KeyLine, all these benefits come at a competitive price while still complying with office lighting norms. KeyLine is a superb light line range with a slim, minimalistic design and a high lumen output to illuminate the brightest office spaces. But with comfortable, low levels of glare it's also easy on the eye and complies with UGR19. That makes KeyLine ideal for linear applications, as well as standalone suspended or surface-mounted luminaires. A range that offers the ultimate flexibility and unlimited possibilities. KeyLine design flexibility comes in the form of different lengths, colors and light outputs - including L-shapes, as well as straight lines. All with high efficiency up to 130 lm/W, and the option to upgrade with wireless connectivity and control. Add to that attractive pricing, and with KeyLine you can also enjoy excellent value that ensures a superb total cost of ownership.

Warnings and Safety

- KeyLine luminaires have an IPX0 classification and are not protected against water ingress. We strongly recommend that the installation environment is checked for suitability.
- If – despite the IPX0 classification warning – luminaires are subject to water ingress, Philips and Signify cannot guarantee safety or prevent failure. In this case the product warranty does not apply and becomes void.

Product data

General Information		Driver included	Yes
Light source replaceable	No	Product family code	SM350C [KeyLine]
Number of gear units	1 unit	Lighting Technology	LED

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Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical

Luminous Flux	5,000 lumen
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	>80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Medium beam
Luminaire light beam spread	74° x 74°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	23.1 A
Inrush time	221 ms
Power Consumption	37.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B	22

Temperature

Ambient temperature range	+10 to +35 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Steel
Optic material	Polycarbonate

Optical cover/lens material	Polycarbonate
Fixation material	Stainless steel
Housing Color	Black RAL 9004
Optical cover/lens finish	Textured
Overall length	1,407 mm
Overall width	70 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 70 x 1407 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Initial Performance (IEC Compliant)

Initial chromaticity	(0.39, 0.38) SDCM <3
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	

Application Conditions

Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	No

Product Data

Full product code	871951462451100
Order product name	SM350C 50S/840 PSD PCS L1500 BK
Order code	910925868387
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925868387
Full product name	SM350C 50S/840 PSD PCS L1500 BK
EAN/UPC - Case	8719514624511
EAN/UPC - Product/Case	8719514624511

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Dimensional drawing

