



# TrueLevel, surface-mounted

## SM540C LED19S/840 PSD PIP L1480 9003

TrueLevel, LED module, system flux 1900 lm, 840 neutral white, Power supply unit with DALI interface, Push-in connector and pull relief

Today's lighting fixtures need to deliver more than just light. In offices, the ideal fixture needs to enable savings, and is expected to be ready for future advances. It must also be ready to be paired with lighting controls and systems. Moreover, the ideal office lighting fixture should also complement the interior design of the office space. Philips TrueLevel fulfils all these requirements and more! Building on the strengths of Philips TrueLine, a superior light line technology for offices, TrueLevel's high efficiency, superior office-compliant lighting and readiness to be potentially paired with lighting systems makes it an excellent choice for offices. In addition, TrueLevel's stylish, minimalistic, clean design complements the interior architecture and can become a design element on its own.

### Product data

General Information		Value ladder	Specification
Lamp family code	LED19S [LED module, system flux 1900 lm]	Embedded control	-
Cap base	- [-]	CE mark	Yes
Light source replaceable	No	Warranty period	5 years
Number of gear units	Unit	Flammability mark	For mounting on normally flammable surfaces
Gear	-	ENEC mark	ENEC plus mark
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 5 s
Product family code	SM540C [TrueLevel]	EU RoHS compliant	Yes
Lighting Technology	LED		

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<b>Light Technical</b>	
Luminous Flux	1,900 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	173 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	- degree(s)
Light source colour	840 neutral white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	100°
Unified Glare Rating (CEN)	19

<b>Operating and Electrical</b>	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	11 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

<b>Temperature</b>	
Ambient temperature range	+10 to +40 °C

<b>Controls and Dimming</b>	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

<b>Mechanical and Housing</b>	
Housing material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Fixation material	Steel
Housing Colour	White
Optical cover/lens finish	Frosted
Overall length	1,480 mm

Overall width	125 mm
Overall height	64 mm
Dimensions (height x width x depth)	64 x 125 x 1480 mm

<b>Approval and Application</b>	
Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5,000 hours	1 %
Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance at median useful life* 50,000 h	L80

<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

<b>Product Data</b>	
Order product name	SM540C LED19S/840 PSD PIP L1480 9003
Full product name	SM540C LED19S/840 PSD PIP L1480 9003
Full EOC	871869906559100
Order code	06559100
Material no. (12 NC)	910504115703
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699065591
Numerator – packs per outer box	1
EAN/UPC - Case	8718699065591

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Dimensional drawing

