



TrueLevel, suspended

SP542P LED77S/840 PSD SMT L1480 9003

TrueLevel - LED Module, system flux 7700 lm - 840 neutral white - Power supply unit with DALI interface - - Suspension set twin, triangle - Signal white

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 fulfills 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			
Number of light sources	1 pc	Luminaire light beam spread	100°
Lamp family code	LED77S [LED Module, system flux 7700 lm]	Embedded control	-
Light source color	840 neutral white	Control interface	DALI
Cap-Base	- [-]	Connection	Push-in connector 5-pole
Light source replaceable	No	Cable	Cable 1.7 m without plug 5-pole PVC silver
Number of gear units	1 unit	Protection class IEC	Safety class I
Gear	GRT [Gear tray (without gear)]	Mounting	Suspension set twin, triangle
Driver/power unit/transformer	Power supply unit with DALI interface	Standard RAL color	Signal white
Driver included	Yes	Glow-wire test	Temperature 650 °C, duration 5 s
Optic type	-	Flammability mark	For mounting on normally flammable surfaces
Optical cover/lens type	Polymethyl methacrylate bowl/cover	Type description	Office compliant version
		CE mark	CE mark

TrueLevel, suspended

ENEC mark	ENEC plus mark
UL mark	-
Warranty period	5 years
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.
Constant light output	No
Number of products on MCB of 16 A type B	24
RoHS mark	RoHS mark
WEEE mark	WEEE mark
Accessory PFC	N/A
Product family code	SP542P [TrueLevel]
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220-240 V
Input Frequency	50 to 60 Hz
Control signal voltage	0-16 V DC DALI
Inrush current	19 A
Inrush time	0.28 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	-
Optical cover/lens material	Polymethyl methacrylate
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Frosted
Overall length	1480 mm
Overall width	125 mm
Overall height	50 mm

Color	White
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Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	7700 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	133 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	58 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L85

Application Conditions

Ambient temperature range	+10 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	No

Product Data

Full product code	871869907120200
Order product name	SP542P LED77S/840 PSD SMT L1480 9003
EAN/UPC - Product	8718699071202
Order code	910504115503
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504115503
Net Weight (Piece)	5.000 kg



