



TrueLevel, suspended

SP542P LED66S/840 PSD ACL SMT L1480 9003

TrueLevel, LED module, system flux 6600 lm, 840 neutral white, Power supply unit with DALI interface, ActiLume

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			
Lamp family code	LED66S [LED module, system flux 6600 lm]	Service tag	Yes
Cap-Base	- [-]	Product family code	SP542P [TrueLevel]
Light source replaceable	No	Lighting Technology	LED
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 5 s
Gear	GRT [Gear tray (without gear)]	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	CE mark	Yes
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.	ENEC mark	ENEC plus mark
		Warranty period	5 years
		EU RoHS compliant	Yes
		Embedded control	ActiLume
		Light Technical	
		Luminous Flux	6,600 lm

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Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	136 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	840 neutral white
Optic type	-
Optical cover type	Polymethyl methacrylate bowl/cover
Luminaire light beam spread	100°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	19 A
Inrush time	0.28 ms
Power Consumption	48.5 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	Cable 1.7 m without plug 5-pole PVC silver
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °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	Steel
Reflector material	-
Optic material	-
Optical cover material	Polymethyl methacrylate
Fixation material	Stainless steel
Housing Color	White
Optical cover finish	Frosted
Overall length	1,480 mm

Overall width	125 mm
Overall height	50 mm
Dimensions (Height x Width x Depth)	50 x 125 x 1480 mm

Approval and Application

Ingress protection code	IP40 [Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

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

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	SP542P LED66S/840 PSD ACL SMT L1480 9003
Full product name	SP542P LED66S/840 PSD ACL SMT L1480 9003
Full product code	871869907119600
Order code	910504115403
Material Nr. (12NC)	910504115403
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699071196
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699071196

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Dimensional drawing

