PHILIPS Lighting



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]
Cap-Base	- [-]
Light source replaceable	No
Number of gear units	1 unit
Gear	GRT [Gear tray (without gear)]
Driver included	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.

Service tag	Yes
Product family code	SP542P [TrueLevel]
Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
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

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

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	 t)
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	pliant)
Control gear failure rate at median usefu	۔ 5 %
life 50000 h	
Lumen maintenance at median useful	L85
life* 50000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
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
	01050 1115 100

125 mm

50 mm

Overall width

Overall height

Number of products on MCB of 16 A type	24
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Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
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+10 to +40 °C

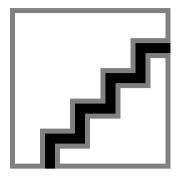
Mechanical and Housing

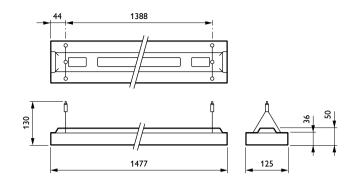
Housing Material	Steel	
Reflector material	-	
Optic material	-	
Optical cover material	Polymethyl methacrylate	
Fixation material	Stainless steel	
Housing Color	White	
Optical cover finish	Frosted	
Overall length	1,480 mm	

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

TrueLevel, suspended

Dimensional drawing







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