



# TrueLevel, suspended

## SP542P LED66S/840 PSD SMT L1480 9003

TrueLevel - LED Module, system flux 6600 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
Lamp family code	LED66S [ LED Module, system flux 6600 lm]
Light source color	840 neutral white
Cap-Base	-[-]
Light source replaceable	No
Number of gear units	1 unit
Gear	GRT [ Gear tray (without gear)]
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optic type	-
Optical cover/lens type	Polymethyl methacrylate bowl/cover

Luminaire light beam spread	100°
Embedded control	-
Control interface	DALI
Connection	Push-in connector 5-pole
Cable	Cable 1.7 m without plug 5-pole PVC silver
Protection class IEC	Safety class I
Mounting	Suspension set twin, triangle
Standard RAL color	Signal white
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable
	surfaces
Type description	Office compliant version

Datasheet, 2019, July 9 data subject to change

## TrueLevel, suspended

CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	E vore
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	24
В	
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
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 width	123 111111

Overall height	50 mm
Color	White
Approval and Application	
Ingress protection code	IP40 [ Wire-protected]
Mech. impact protection code	IKO2 [ 0.2 J standard]
Initial Performance (IEC Compliant	t)
Initial luminous flux (system flux)	6600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	136 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥80
Initial chromaticity	(0.38, 0.38) SDCM <3
Initial input power	48.5 W
Power consumption tolerance	+/-10%
Over Time Performance (IEC Comp	pliant)
Control gear failure rate at median usefu	ul 5%
life 50000 h	
Lumen maintenance at median useful	L85
life* 50000 h	
<b>Application Conditions</b>	
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	871869907118900
Order product name	SP542P LED66S/840 PSD SMT L1480 9003
EAN/UPC - Product	8718699071189
Order code	910504115303
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504115303
Net Weight (Piece)	5.000 kg

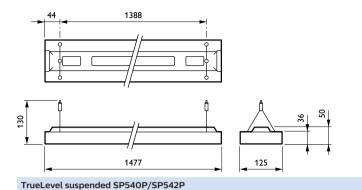




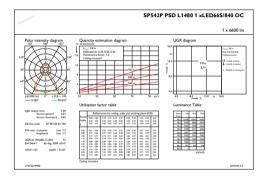


## TrueLevel, suspended

#### Dimensional drawing



### Photometric data



IFGU1\_SP542PPSDL14801xLED66S840OC

IFPC1\_SP542PPSDL14801xLED66S840OC



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