



TrueLevel, suspended

SP543P LED54S/840 PSD SMT L1480 SI

TrueLevel - LED Module, system flux 5400 lm - 840 neutral white - Power supply unit with DALI interface - - - Suspension set twin, triangle - -

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	Optical cover/lens type	Polymethyl methacrylate bowl/cover
Lamp family code	LED54S [LED Module, system flux 5400 lm]	Luminaire light beam spread	160°
Light source color	840 neutral white	Embedded control	-
Cap-Base	- [-]	Control interface	DALI
Light source replaceable	No	Connection	Push-in connector 5-pole
Number of gear units	1 unit	Cable	Cable 1.7 m without plug 5-pole PVC silver
Gear	GRT [Gear tray (without gear)]	Protection class IEC	Safety class I
Driver/power unit/transformer	Power supply unit with DALI interface	Mounting	Suspension set twin, triangle
Driver included	Yes	Standard RAL color	-
Optic type	-	Glow-wire test	Temperature 650 °C, duration 5 s
		Flammability mark	For mounting on normally flammable surfaces

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Type description	Non office compliant version
CE mark	CE mark
ENEC mark	ENEC plus mark
UL mark	-
Warranty period	5 years
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	SP543P [TrueLevel]
Unified glare rating CEN	22

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	Polycarbonate
Gear tray material	Steel
Fixation material	Stainless steel
Optical cover/lens finish	Opal
Overall length	1480 mm
Overall width	125 mm
Overall height	50 mm
Color	White

Approval and Application

Ingress protection code	IP40 [Wire-protected]
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Mech. impact protection code	IK02 [0.2 J standard]
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Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5400 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	111 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 Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Median useful life L70B50	70000 h
Median useful life L80B50	50000 h
Median useful life L90B50	25000 h
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

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

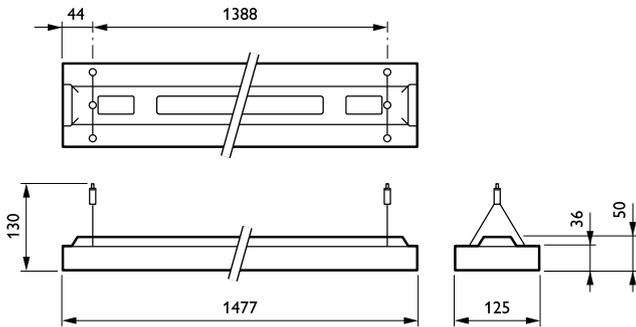
Product Data

Full product code	871869906570600
Order product name	SP543P LED54S/840 PSD SMT L1480 SI
EAN/UPC - Product	8718699065706
Order code	910504116603
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910504116603
Net Weight (Piece)	5.200 kg



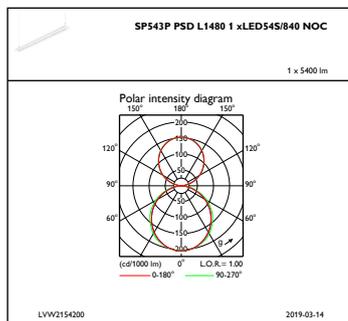
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Dimensional drawing

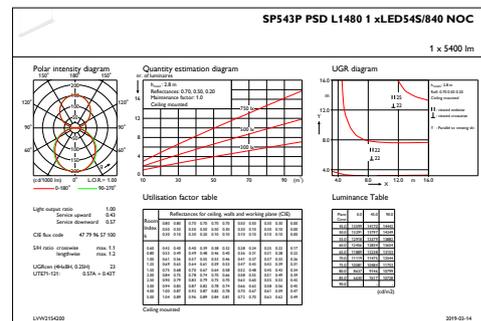


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Photometric data



IFPC1_SP543PPSDL14801xLED54S840NOC



IFGU1_SP543PPSDL14801xLED54S840NOC

