

PRODUCT DATASHEET

SP FIX P 8W 940 PS DIM IP44 WT

SPOT FIX | Recessed mounted spotlight for indoor use, fixed



Areas of application

- Direct replacement for recessed spotlights with halogen lamps
- General illumination
- Hotel rooms and corridors
- Bars, restaurants
- Accent lighting
- Galleries, museums
- Residential interiors

Product benefits

- Energy savings of up to 90 % compared to halogen lamp spotlights
- Powerselect: Brightness adjustment via dip switches on the driver
- Easy replacement of external driver thanks to plug with bayonet lock
- Easy installation and electrical connection thanks to tool-free electrical connectors
- SCALE Design – great appearance, valuable materials and small size fits into every surrounding
- 5 years guarantee

Product features

- Color rendering index R_a : 90
- Type of protection: IP44 (room side)
- Beam angle: 36°
- Die-cast aluminum housing
- Silicon-pad protected springs
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Through-wiring possible

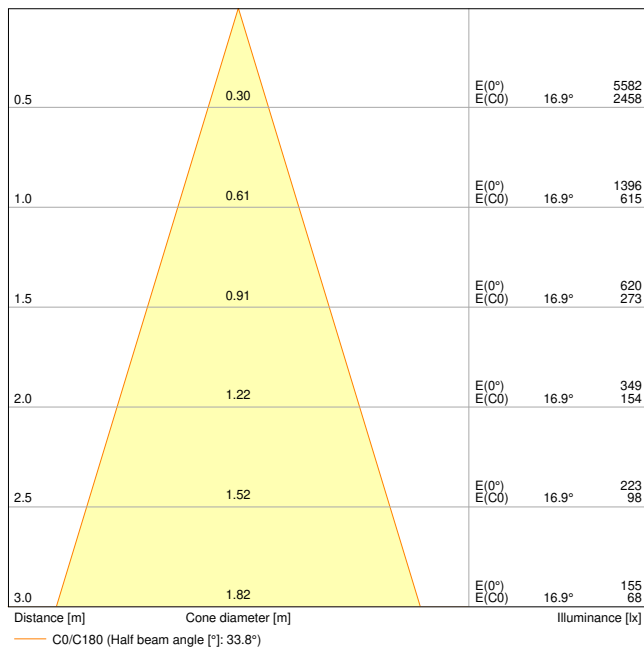


TECHNICAL DATA**Electrical data**

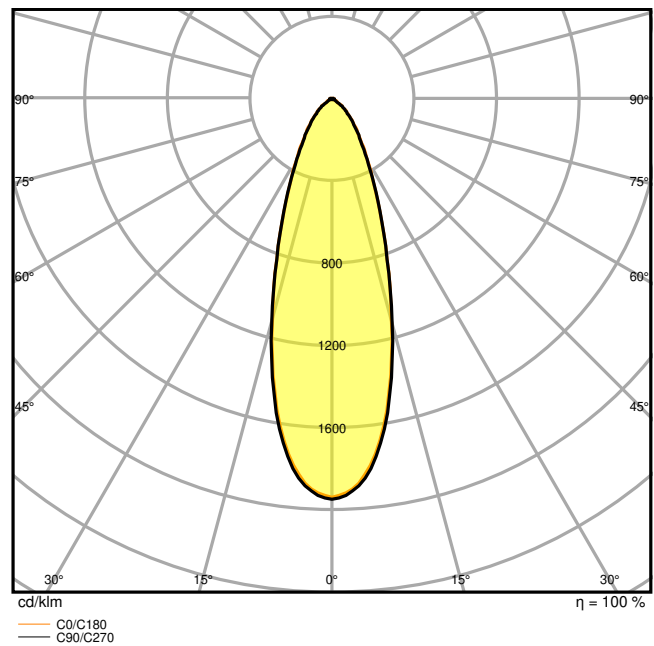
Nominal wattage	8 W / 6 W / 4 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	38.000 mA
Inrush current	2 A
Inrush current time T_{h50}	60 μ s
Max. number of luminaires per miniature circuit breaker B16	336
Max. number of luminaires per miniature circuit breaker C10	210
Max. number of luminaires per miniature circuit breaker C16	336
Power factor λ	0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	680 lm / 540 lm / 340 lm
Luminous efficacy	90 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	90
Standard deviation of color matching	≤ 3 sdc _m
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Beam angle	36 °



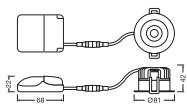
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Dimensions & Weight

Diameter	81.00 mm
Height	42.00 mm
Product weight	240.00 g



SP FIX P 8W PS DIM IP44

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Glow Wire Test according to IEC 60695-2-12	650 °C

Mercury content	0.0 mg
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Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-42...+80 °C
Type of connection	Push terminal
Type of protection	IP44/IP20
Protection class IK (shock resistance)	IK05
Dimmable	Yes
Type of dimming	PHASE CUT
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	68 mm
Mounting depth	50,0 mm
Adjustable	No
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	41000 h ¹⁾
Lifespan L90/B10 at 25 °C	18000 h
Number of switching cycles	100000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	180 mA
ECG - Output ripple current	< 5 %
ECG - Length	68.00 mm
ECG - Width	55,0 mm
ECG - Height	22,0 mm

Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / UKCA / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No

Ball shot safe	No
EPD	LEDV-00013-V01.01-EN









Additional product data




Added function	MULTI SELECT
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EQUIPMENT / ACCESSORIES

- External control gear included with dip-switches to select power during installation
- Refurbishment rings are available as accessory
- Selected DALI 2.0 driver available as accessory

DOWNLOAD DATA

	Documents and certificates	Document name
	User Instruction	UI SP FIX P and SP FIX ADJ
	Addon Technical Information	Light source Insert SP FIX P PS DIM IP44
	Addon Technical Information	Dimmerlist SPOT GEN2
	Legal information	Legal Insert
	Declarations of conformity	CE Declaration of Conformity SPOT DIM
	Declarations Of Conformity UKCA	UKCA Declaration of Conformity SPOT DIM
	Declarations Of Conformity UKCA	SP DIM
	Certificates	SP GEN2

	Photometric and lighting design files	Document name
	IES file (IES)	SP FIX P 8W 940 PS DIM IP44 WT
	LDT file (Eulumdat)	SP FIX P 8W 940 PS DIM IP44 WT
	ULD file (DIALux)	SP FIX P 8W 940 PS DIM

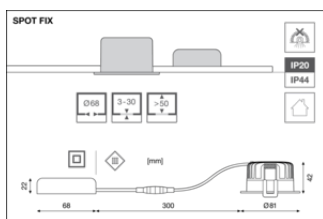
Photometric and lighting design files		Document name
	ROLF file (RELUX)	SP FIX P 8W 940 PS DIM
	UGR file (UGR table)	SP FIX P 8W 940 PS DIM IP44 WT
	LDC typ cone	SP FIX P 8W 940 PS DIM IP44 WT
	LDC typ polar	SP FIX P 8W 940 PS DIM IP44 WT
CAD/BIM files		Document name
	BIM_Revit_3D	SP FIX G2
	CAD_STEP_3D	SP FIX
Tender texts		Document name
	Tender documents	SPOT FIX 8W 940 PS DIM IP44 WT-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075799561	Folding box 1	100 mm x 105 mm x 85 mm	410.00 g	0.89 dm ³
4058075799578	Shipping box 20	562 mm x 230 mm x 195 mm	8770.00 g	25.21 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION



	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	ON	ON	ON	Preset
	1 2	1 2	1 2	1 2
Current (CC)	85mA	140mA	180mA	140mA
Power	4W	6W	8W	6W
% rated lumen	50%	80%	100%	80%

References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.