

LUM – Technical Information

PUNCTOLED® SPOT 830

PUNCTOLED® SPOT 840



The OSRAM PUNCTOLED® SPOT allow the direct replacement of traditional Halogen Spots. Their high efficiency and long lifetime allows high energy savings and a quick return on investment. PUNCTOLED® SPOT are the perfect solution for Retail shops, Chain stores and Fashion shops.

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Tender text

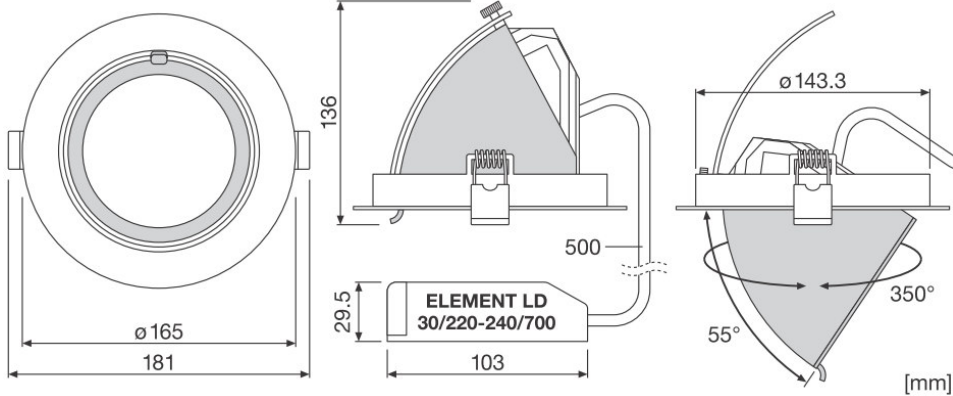
- Direct replacement of Halogen (150 mm cut out) with more flux.
- Direct connection to mains thanks to the integrated driver
- Suitable for recessed ceilings and concrete boxes with and without tunnel

A) Technical Information

1) General information

Product name	PUNCTOLED® SPOT 830	PUNCTOLED® SPOT 840
Lifetime luminaire L70/B50 @ Ta=25°C [h]	35000	
Luminaire efficiency [lm/W]	≥ 115	
Protection class	II	
Type of protection (IP code)	Complete luminaire: IP20 Luminaire head: IP40	
Ambient temperature [°C]	-20...40; rated 25	
Storage temperature [°C]	-20...80	
Approval marks	CE	
Environment	RoHS/REACH	

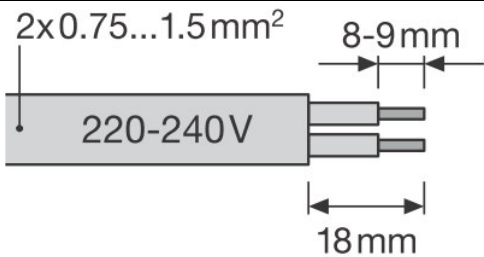
2) Housing, mounting and accessories

Product name	PUNCTOLED® SPOT 830	PUNCTOLED® SPOT 840
Body material	Aluminum	
Color of the luminaire	White (RAL 9016)	
Cover material	PMMA	
Type of cover	Diffuser	
Reflector material	PC	
Symmetry	No	
Adjustable	Tilt angle: 55°, Swiveling angle 350°	
Dimensions ØxH [mm]		
Mounting type	Recessed	

Mounting hole [mm]	Ø 150
Installation height [mm]	≥ 160
Ceiling thickness [mm]	2...20mm
Net weight [g]	930
Shock resistance (IK code)	IK00
Adjuster temperature [°C]	≤ 60
Accessories	No

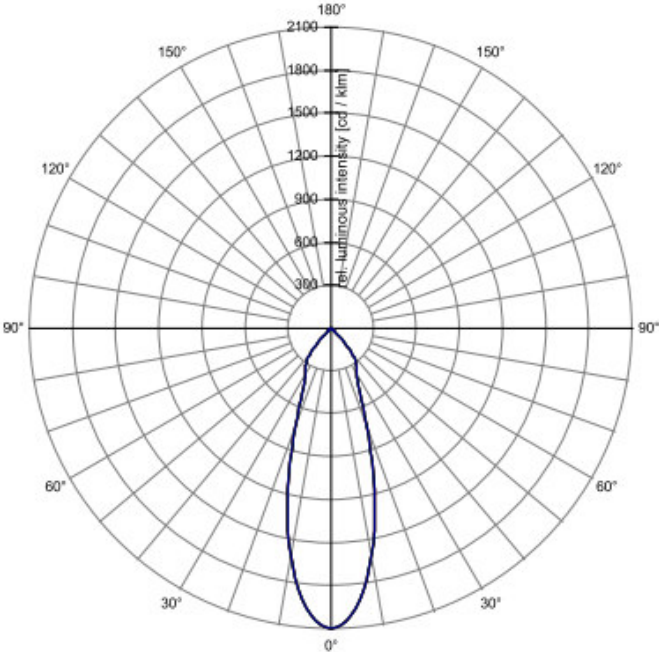
2) Electrical Installation

- Connection with mains power in accordance with national regulations!

Product name	PUNCTOLED® SPOT 830	PUNCTOLED® SPOT 840
Nominal/Rated wattage [W]	27	
Mains voltage [V]	220...240	
Rated current [mA]	123	
Mains frequency [Hz]	50 / 60	
Power factor	≥ 0,95	
Connection to grit	ECG with terminal block including cable clamp	
Suitable cables/Cable preparation		
Through-wiring	No	
Max. units per circuit breaker [pcs]	16 A(B): 40 10 A(B): 25	
Ballast / Control gear	Independent/External ECG	
Dimmable	No	
Dimmable interface	No	
Color control	No	
Communication interface	No	

3) Optical features

Product name	PUNCTOLED® SPOT 830	PUNCTOLED® SPOT 840
Luminous flux [lm]	3100 ± 10%	3200 ± 10%
Color temperature [K]	3000 ± 10%	4000 ± 10%
Light color	Warm white	Neutral white

Color rendering index (CRI)	≥ 80
Beam angle [°]± 10%	35
Luminous intensity distributions	
Lights source	LED COB
Number of lighting outlets	1

B) Logistic Data

Product	IC	MLFB	EAN10	EAN40	SU
Punctoled Spot 830	AM028890055	01PJ147B3GF21	4052899982598	4052899982604	8x1
Punctoled Spot 840	AM028900055	01PJ147B3GG21	4052899982611	4052899982628	8x1