Spot-On P

IP20 13W 930/940 36D DIM BK P

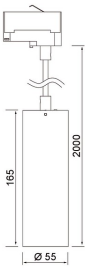
Spotlight

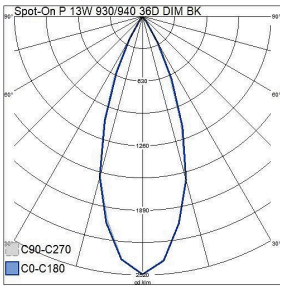
The suspension-mounted Spot-On P range with adjustable colour temperature offers an ideal lighting solution for cafés, restaurants, and small shop properties. Equipped with a dimming feature, this spotlight provides numerous options for illuminating your space. By selecting a suitable colour temperature and brightness, you can create an intimate, tranquil atmosphere and highlight specific features of the space. In addition to the Spot-On P luminaires, you can use Spot-On spotlights to create a suitable lighting solution. Utilising both spotlights and suspension-mounted luminaires lets you form eye-catching lighting groups that are easy to adjust. Our luminaires provide excellent colour-rendering properties and are made from high-quality materials. The product's colour options are black and white, and you can choose either a model with a switch for dimming and adjusting the colour temperature or one in which the colour temperature automatically grows warmer upon dimming.

Spot-On P Spotlight 13W 3000K/4000K 900lm Beam angle Medium beam 20-40°; Dim phase cut-off; Dim phase cut-on; IP20; IK02; Protection cl. I; L70B50 100000h; LED not exchangeable; CRI>90; SDCM3; Ending; 3x0.75mm²;Housing al; Colour bk; Cover Plastic, transparent; C16 max. 182

Stocked: Yes









IP20 13W 930/940 36D DIM BK P			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146593	4146593	0.66	Spot-On P

IP20 13W 930/940 36D DIM BK P

EC001744 Downlight / spot luminaire / floodlight

Mounting	
Suitable for surface mounting	No
Suitable for recessed mounting	No
Suitable for wall mounting	No
Suitable for suspended mounting	Yes
Suitable for ceiling mounting	Yes
Suitable for traverse mounting	No
Suitable for pedestal/floor mounting	No
Suitable for light-track mounting	Yes
Suitable for clamp-mounting	No
Suitable for low voltage cable system	No
Degree of protection (IP)	IP20
Degree of protection (IP), rear side	IP20
Degree of protection (IP), front side	IP20
Impact strength	IK02
Emergency function monitoring system	None
Type of wiring	Ending
Number of poles	3
Conductor cross section (mm²)	0.75 mm²
Connectable conductor cross section (min) (mm²)	1 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Connection type	Busbar adapter
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	No
Max. number of luminaires per miniature circuit breaker B16	90
Max. number of luminaires per miniature circuit breaker C16	182
Fit for workplace acc. EN 12464-1	No
Luminaire may be covered with thermally insulating material	-

Structure	
Adjustability	Not adjustable
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Aluminium
Surface protection	Powder coating
Housing colour	Black
Cover material	Plastic, transparent
Surface brushed	No
Control gear included	Yes
Exchangeable control gear	Yes
Reflector	High-gloss
Reflector colour	Silver
Energy efficiency class of light source according to EU regulation 2019/2015	G
Containing product according to 2019/2020/EU	Yes
Emergency power supply system	None
Emergency power supply integrated	No
Filament test according to IEC 60695-2-11	650 °C - 30 s

Dimming and control	
With movement sensor	No
With presence indicator	No
With light sensor	No
Dimmable	Yes
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI-2	No
Dimming DALI	No
Dimming DMX	No
Dimming DSI	No
Dimming potentiometer (integrated)	No
Dimming LineSwitch	No
Dimming manufacturer's proprietary system	No
Dimming mains voltage modulation	No
Dimming trailing edge	Yes
Dimming leading edge	Yes
Dimming programmable	No
Dimming RF	No
Dimming Sine Wave Reduction	No
Dimming Touch and Dim	No
Dimming Zigbee	No
Dimming with push-button	No
No dimming function	No
Constant luminous flux control	No
IFTTT support available	No
Compatible with Apple HomeKit	No
Bluetooth operated	No
Compatible with Google Assistant	No
Compatible with Casambi	No
Compatible with Amazon Alexa	No

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	300 mA
Nominal current (max) (mA)	300 mA
Type of control gear	LED operating device current-controlled
Total harmonic distortion (THD) (%)	20 %
Total harmonic distortion	20 THD
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	13 W
Suitable for lamp power (max) (W)	13 W
Maximum system power (W)	13 W
Luminaire efficacy (min) (lm/W)	70 lm/W
Luminaire efficacy (max) (lm/W)	70 lm/W
Power factor	0.9
Luminaire efficacy (lm/W)	70 lm/W

Photometric data	
Light distributor	Reflector
Light sharing	Symmetric
Beam angle	Medium beam 20-40°
Light outlet	Direct
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	3000 K
Colour temperature (max) (K)	4000 K
Colour temperature switchable	Discrete positions
Colour rendering index (CRI/Ra)	90-100
Luminous flux (min) (lm)	900 lm
Luminous flux (max) (lm)	900 lm
Effective luminous flux (lm)	900 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	900 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	900 lm
Lumen setting adjustable	No
Luminous intensity (cd)	2900 cd
Luminous intensity (min) (cd)	2900 cd
Luminous intensity (max) (cd)	2900 cd
Flickering value Pst LM	1
Beam angle adjustable	Positions
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG0
Colour consistency (McAdam ellipse)	SDCM3

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Rated life time L80/B50 at 25 °C	65000 h
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	80 %
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	70 %
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	10 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	0 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25 °C

Measurements	
Length (mm)	165 mm
Width (mm)	55 mm
Height/depth (mm)	165 mm
Outer diameter (mm)	55 mm