Halo Basic Sq



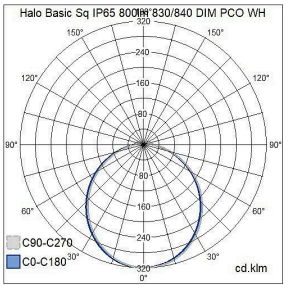
IP65 800lm 830/840 DIM PCO WH

Outdoors wall/ceiling luminair

Halo Basic SQ is a dimmable luminaire suitable for house number lighting and general lighting. The colour temperature can be selected from three options during installation. The package includes letter and number stickers 1 x A–I / 2 x 0–9. By combining different models of Airam outdoor luminaires, you can create a harmonious overall look for your project. The product ranges share a common colour selection, high-quality materials, modern design and easy installation.

Halo Basic Sq Outdoor wall/ceiling luminaire 6W 3000K/3500K/4000K 800lm Dim; IP65; IK08; Protection cl. II; L70B50 100000h; LED not exchangeable; CRI>80; SDCM3; Suitable for through wiring; 3x2.5mm²; Housing Plastic; Colour wh; Cover Plastic, opal; C16 max. 213

Stocked: Yes



IP65 800lm 830/840 DIM PCO WH			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4546581	100113	0.9	Halo Basic Sq

IP65 800lm 830/840 DIM PCO WH

EC002892 Ceiling / wall luminaire

Mounting	
Suitable for wall mounting	Yes
Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes
Suitable for recessed mounting	No
Suitable for surface mounting	Yes
Suitable for light line configuration	No
Suitable for clamp-mounting	No
Fit for workplace acc. EN 12464-1	No
Degree of protection (IP)	IP65
Degree of protection (IP), rear side	IP65
Degree of protection (IP), front side	IP65
Max. number of luminaires per miniature circuit breaker C10 (MCB)	133
Max. number of luminaires per miniature circuit breaker B16	138
Max. number of luminaires per miniature circuit breaker C16	213
Impact strength	IK08
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	Yes
Suitable for emergency lighting	No
Emergency function monitoring system	None
Luminaire may be covered with thermally insulating material	-
Type of wiring	Suitable for through wiring
Number of poles	3
Conductor cross section (mm²)	2.5 mm²
Connection type	Screwless terminal
Connectable conductor cross section (min) (mm²)	0.75 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
With connection cord and plug	No

Structure	
With mounting material	Yes
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Plastic
Housing surface protection	Plastic-coated
Housing colour	White
Cover material	Plastic, opal
Type of grid	None
Control gear included	Yes
Exchangeable control gear	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	D
Containing product according to 2019/2020/EU	Yes
Emergency power supply system	None
Emergency power supply integrated	No
With switch	No
With air slots	No
Filament test according to IEC 60695-2-11	750 °C - 30 s

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Nominal current (min) (mA)	80 mA
Nominal current (max) (mA)	80 mA
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	II
Suitable for lamp power (min) (W)	6 W
Suitable for lamp power (max) (W)	6 W
Luminaire efficacy (min) (lm/W)	133 lm/W
Luminaire efficacy (max) (lm/W)	133 lm/W
Maximum system power (W)	6 W
Luminaire efficacy (lm/W)	133 lm/W
Power factor	0.9
Total harmonic distortion (THD) (%)	10 %
Total harmonic distortion	10 THD

Dimming and control	
Dimmable	Yes
Dimming 0-10 V	No
Dimming 1-10 V	No
Dimming DALI	No
Dimming DALI-2	No
Dimming DMX	No
Dimming DSI	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 potentiometer (integrated)	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
With presence indicator	No
With movement sensor	No
With light sensor	No
Constant luminous flux control	No
Bluetooth operated	No
Compatible with Casambi	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Beam angle	Extreme wide beam >80°
Colour consistency (McAdam ellipse)	SDCM3
Light outlet	Direct
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	700 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	800 lm
Colour of light (alphanumeric)	White
Effective luminous flux (lm)	800 lm
Colour temperature (min) (K)	3000 K
Colour temperature (max) (K)	4000 K
Flickering value Pst LM	1
Colour rendering index (CRI/Ra)	80-89
Stroboscope effect value SVM	0.2
Photobiological safety according to EN 62471	Other
Colour temperature switchable	Discrete positions
Lumen setting adjustable	No
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Rated life time L80/B50 at 25 °C	100000 h
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	90 %
Failure rate at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	10 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	10 %
Failure rate at median useful life of 75,000 hrs at 25 °C ambient (tq) (%)	10 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-35 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25 °C

Measurements	
Width (mm)	250 mm
Height/depth (mm)	60 mm
Length (mm)	250 mm
Outer diameter (mm)	250 mm