Drop



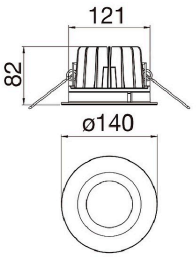
140 IP65 20W/840 50D GLC SI

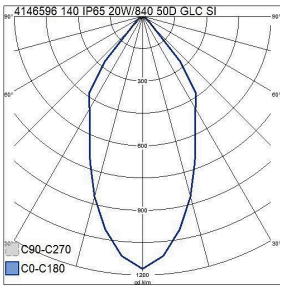
Downlight

Drop is a downlight range with full IP65 classification. The luminaires are made of durable, high-quality materials with UV and corrosion protection, which make them suitable for outdoor and indoor use in public spaces. With its IP classification, Drop is suitable for installation on overhangs and other external building surfaces. Choose the most suitable model for your space from three optional sizes and output levels, and two colour options.

Drop Downlight 20W 4000K 2500lm Beam angle Wide beam 40-80°; No dim; IP65; IK05; Protection cl. III; LED not exchangeable; CRI>80; SDCM3; Ending; 3x1.5mm²; Housing al; Colour sil; Cover Glass clear; C16 max. 8

Stocked: No









140 IP65 20W/840 50D GLC SI			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4146596	4146596	1.4	Drop

AIRAM

140 IP65 20W/840 50D GLC SI

EC001744 Downlight / spot luminaire / floodlight

Mounting	
Suitable for surface mounting	No
Suitable for recessed mounting	Yes
Suitable for wall mounting	No
Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes
Suitable for traverse mounting	No
Suitable for pedestal/floor mounting	No
Suitable for light-track mounting	No
Suitable for clamp-mounting	No
Suitable for low voltage cable system	No
Degree of protection (IP)	IP65
Degree of protection (IP), rear side	IP65
Degree of protection (IP), front side	IP65
Impact strength	IK05
Emergency function monitoring system	None
Type of wiring	Ending
Number of poles	3
Conductor cross section (mm²)	1 mm²
Connectable conductor cross section (min) (mm²)	1 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²
Connection type	Screwless terminal
Luminaire with limited surface temperature, class "D“ in acc. with EN 60598-2-24	No
Max. number of luminaires per miniature circuit breaker B16	5
Max. number of luminaires per miniature circuit breaker C16	8
Fit for workplace acc. EN 12464-1	No
Luminaire may be covered with thermally insulating material	No

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	Silver
Cover material	Glass transparent
Surface brushed	No
Control gear included	Yes
Exchangeable control gear	Yes
Reflector	Matt
Reflector colour	Silver
Energy efficiency class of light source according to EU regulation 2019/2015	C
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	No
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	No
Dimming leading edge	No
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	Yes
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
Type of control gear	LED operating device current-controlled
Total harmonic distortion (THD) (%)	10 %
Total harmonic distortion	10 THD
Protection class according to IEC 61140	III
Suitable for lamp power (min) (W)	20 W
Suitable for lamp power (max) (W)	20 W
Maximum system power (W)	20 W
Luminaire efficacy (min) (lm/W)	125 lm/W
Luminaire efficacy (max) (lm/W)	125 lm/W
Power factor	0.9
Luminaire efficacy (lm/W)	125 lm/W

Photometric data	
Light distributor	Reflector
Light sharing	Symmetric
Beam angle	Wide beam 40-80°
Light outlet	Direct
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	4000 K
Colour temperature (max) (K)	4000 K
Colour temperature switchable	No
Colour rendering index (CRI/Ra)	80-89
Luminous flux (min) (lm)	2500 lm
Luminous flux (max) (lm)	2500 lm
Effective luminous flux (lm)	2500 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	2500 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	2500 lm
Lumen setting adjustable	No
Flickering value Pst LM	1
Beam angle adjustable	No
Stroboscope effect value SVM	0.4
Photobiological safety according to EN 62471	RG1
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	100000 h
Lumen maintenance at median useful life of 35,000 hrs at 25 °C ambient (tq) (%)	95 %
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	90 %
Lumen maintenance at median useful life of 100,000 hr at 25 °C ambient (tq)	80 %
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) (%)	5 %
Failure rate at median useful life of 100,000 hrs at 25 °C ambient (tq)	10 %
Rated ambient temperature acc. IEC62722-2-1 (min) (°C)	-25 °C
Rated ambient temperature acc. IEC62722-2-1 (max) (°C)	25 °C

Measurements	
Length (mm)	140 mm
Width (mm)	140 mm
Height/depth (mm)	82 mm
Outer diameter (mm)	140 mm
Built-in length (mm)	130 mm
Built-in width (mm)	130 mm
Built-in height/depth (mm)	131 mm
Recess diameter (min) (mm)	122 mm
Recess diameter (max) (mm)	130 mm