

Sterling Bulkhead - LED

STERLING IP65 IK10 1477LM 840 BLACK

4063835



Product features

- Led exterior bulkhead, Unique feature allowing a choice between High Output or High Efficiency with the flick of a switch, die-cast aluminium body, 759/1477LM, 9/17W, 84/87LM/W, 4000K, Driver Current: 350/750mA, CRI80, Non dimmable, IP65, IK10, lifespan 100,000hrs (L70:B50), (HxWxD) 350 x 350 x 128mm, 3.4kg, 3 step MacAdam ellipse, RAL 9005, Class 1, 230V, energy class: A++, A+, A



PRODUCT OVERVIEW

Product name	STERLING IP65 IK10 1477LM 840 BLACK
Technology	LED
Environment	Indoor, Outdoor
General application	Education, Hospitality, Logistics & Industry, Office, Residential & Consumer, Retail
ETIM Class	EC002892
E-number FI	4579256
Warranty	5 years
Fixture luminous flux (lm)	759/1477
Luminaire efficacy (lm/W)	87
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Photobiological Risk Group	RG1
Total power consumption (W)	9/17
Electrical protection	Class I
Dimmable	No
Housing colour	Black
IP rating	IP65
IK rating	IK10
Product EAN number	5026524638357

DATA TABLE

General data

Product name	STERLING IP65 IK10 1477LM 840 BLACK
Technology	LED
Environment	Indoor, Outdoor
General application	Education, Hospitality, Logistics & Industry, Office, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+35°C

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4579256
Warranty	5 years

Optical data

Fixture luminous flux (lm)	759/1477
Luminaire efficacy (lm/W)	87
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	9/17
Mains voltage (V)	230-240V
Lamp power factor	0.95
Electrical protection	Class I
Dimmable	No
Drive current (mA)	700
Inrush Current (A)	17
Inrush Duration (µs)	199
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	38
Max. Luminaires per 13A C Breaker	50
Max. Luminaires per 16A C Breaker	61
Max. Luminaires per 20A C Breaker	78
Max. Luminaires per 10A B Breaker	23
Max. Luminaires per 13A B Breaker	30
Max. Luminaires per 16A B Breaker	37
Max. Luminaires per 20A B Breaker	47

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	68500

Physical data

Housing colour	Black
IP rating	IP65
IK rating	IK10
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	350
Nominal Product Width (mm)	350
Nominal Product Height (mm)	128

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Nominal Product Diameter (mm)	350
Weight (kg)	3.4

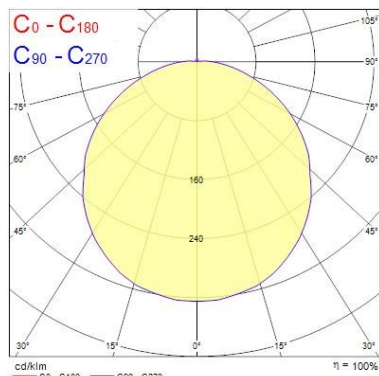
Packaging

Single packaging type	Carton
Product EAN number	5026524638357
Packaging single length / height (cm)	36.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	13.5
DUN14 (outer)	05026524638357
Units per outer package	1
Packaging outer length / height (cm)	36.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	13.5

Safety data

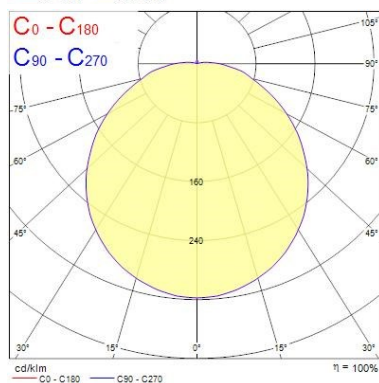
Optimal operating condition (°C)	-20-35
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PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	1.55	114.4°	57.2°	1920
1.0	3.10	114.4°	57.2°	480
1.5	4.66	114.4°	57.2°	211
2.0	6.21	114.4°	57.2°	130
2.5	7.76	114.4°	57.2°	77
3.0	9.31	114.4°	57.2°	53

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 114.4°)



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	1.52	113.4°	56.7°	964
1.0	3.04	113.4°	56.7°	241
1.5	4.57	113.4°	56.7°	107
2.0	6.09	113.4°	56.7°	80
2.5	7.61	113.4°	56.7°	39
3.0	9.13	113.4°	56.7°	27

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 113.4°)

TECHNICAL DRAWINGS

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