

# Concord

STERLING IP65 IK10 1477LM 840 BLACK  
4063835



## 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

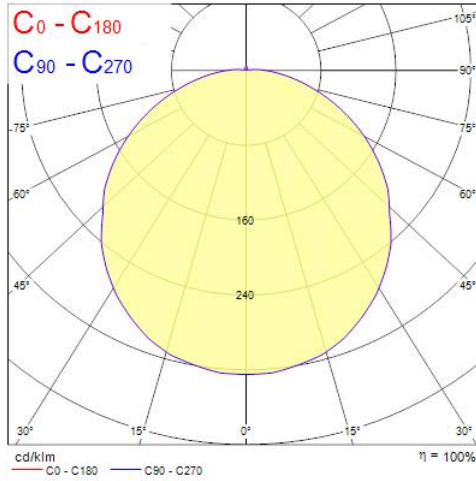
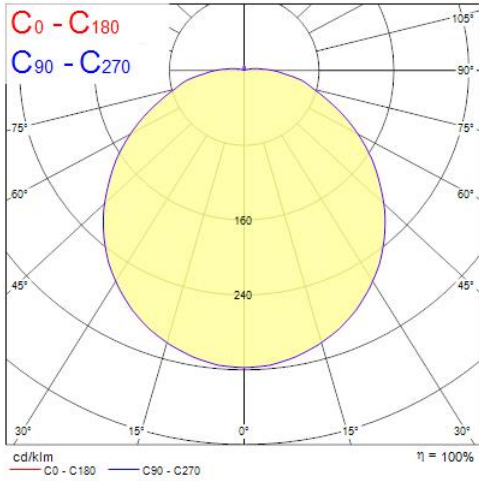
## Product Overview

Product name	STERLING IP65 IK10 1477LM 840 BLACK
Technology	LED
Cap/Base	N/A
Environment	Indoor, Outdoor
E-number FI	4579256
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
Housing colour	Black
IP rating	IP65
IK rating	IK10
Product EAN number	5026524638357
Warranty	5 years

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## Photometry



Distance [m]	Cone diameter [m]	$E(0^\circ)$ $E(C0)$	$E(0^\circ)$ $E(C0)$	Illuminance [lx]
0.5	1.52	56.7*	964	80
1.0	3.04	56.7*	241	20
1.5	4.57	56.7*	107	9
2.0	6.09	56.7*	60	5
2.5	7.61	56.7*	39	3
3.0	9.13	56.7*	27	2

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

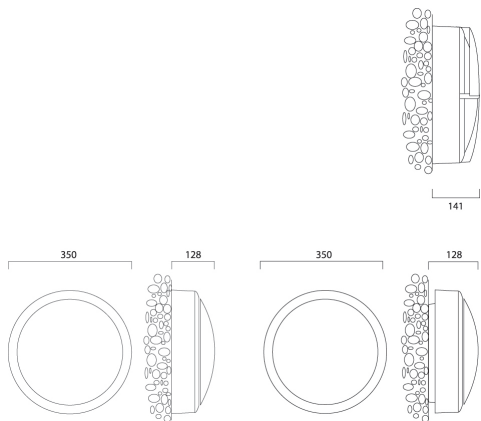
Distance [m]	Cone diameter [m]	$E(0^\circ)$ $E(C0)$	$E(0^\circ)$ $E(C0)$	Illuminance [lx]
0.5	1.55	57.2*	1920	153
1.0	3.10	57.2*	480	38
1.5	4.66	57.2*	213	17
2.0	6.21	57.2*	120	10
2.5	7.76	57.2*	77	6
3.0	9.31	57.2*	53	4

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

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## Technical drawings



## Data table

### GENERAL DATA

Product name	STERLING IP65 IK10 1477LM 840 BLACK
Technology	LED
Cap/Base	N/A
Environment	Indoor, Outdoor
Operating temperature range (°C)	-20°C...+35°C
Performance ambient temperature Tq (°C)	25
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

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Photobiological Risk Group	RG1
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### ELECTRICAL DATA

Total power consumption (W)	9/17
Primary Supply/Product voltage - min (V)	230
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Drive current (mA)	700
Inrush Current (A)	17
Inrush Duration ( $\mu$ s)	199
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	38
Max. products 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 Diameter (mm)	350
Weight (kg)	3.4

### PACKAGING

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

## SAFETY DATA

Optimal operating condition (°C)	-20-35
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No