

# SIROCCO

## SMALL SIROCCO OPTIC – FLOOD LIGHT / ROAD OPTIC PROJECTOR



LAST UPDATE: 29-05-2024



SIROCCO is a solid outdoor luminaire for public space illumination. Available in various light distribution, symmetric, asymmetric, bi-symmetric and road optic. Small SIROCCO equipped with a high power LED with high CRI in 3000K or 4000K color temperature with 3 SDCM. Lenses and reflectors for SIROCCO have been engineered utilizing the latest technology and software to maximize the performance. The heat management has been delicately designed and tested under high ambient thermal condition. An integrated scale allows precise aiming of the luminaire to achieve the desired illumination level. SIROCCO is suitable to illuminate medium to large size objects or areas such as signage boards, building facades, parking lots, public parks, pedestrian, small streets and squares. Available as well in HID light source with conventional control gear. Presented with a range of mounting accessories including ground mount base, pole top mount, and wall/pole mounting arm as well as aluminium poles, galvanized steel poles and anchorage unit for concrete foundations.



### Technical Data



Ordering Code :	2244-I-4-672-XX
Lamp :	LED
Beam :	Road Optic
CCT :	4000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	9990 lm
Luminaire Lumen :	7260 lm
Lamp Wattage :	76 W
Luminaire Wattage :	84 W
Efficacy :	86 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	DIM 1-10V
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	5.60 kg.

### Ordering code guide

XXXX-X-X-XXX-XX

A B C D E

- A Product Code
- B Reflector
- C Electrical Component
- D Lamp
- E Color



Icon definition

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Unilamp Co., Ltd.  
461 Ramintra Road, Kannayao, Bangkok 10230 Thailand  
Tel : +66(O)2 943 2420-1, +66(O)2 946 4170-1  
Fax : +66(O)2 943 2419  
online@unilamp.co.th  
www.unilamp.co.th

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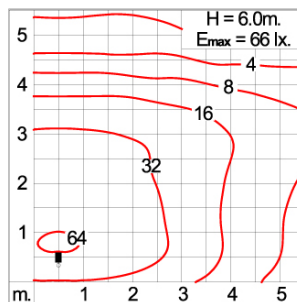
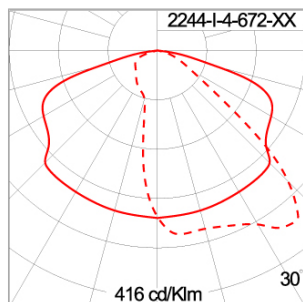


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### Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-1 Fixed Luminaires												
Protection	IP65 Class I												
IK Rating	Protection against mechanical impact IK08 on body and IK07 optical part.												
Luminaires Body Housing	High-pressure Die Cast Aluminium alloy body and components.												
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.												
Diffuser	Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.												
Lens	Molded PC lens from renowned manufacturers in various light distribution patterns.												
Adjustable Optic	Adjustable aiming unit through graduated scale.												
Gasket	Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.												
External Screws	External screws are in stainless steel with protection grease.												
Cable Entry	Cable entry protected by M16 cable gland. To be used with HO5RN-F/ HO7RN-F cable with 5-10mm. diameter.												
Led	High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material. The whole systems tested to be operated under maximum ambient environment up to +40°C.												
Driver	High quality Dimmable Driver (1-10V) in constant current. Conform to applicable safety standards and electromagnetic compatibility.												
Enhanced Protection	The luminaire is equipped with a 10kV surge protection device, the function of the protector is indicated by a LED, performance in compliance with IEC61643-11.												
Internal Wire	Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.												
Terminal Block	Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. Class1 luminaire provided with the earth connection.												
Pre-Wire Cable	Pre-wired with 5-core cable for power (3x1 sqmm.) and dimming signal (2x0.35 sqmm.). Equipped with anti-humidity kit.												
Caution	Installation work has to be carried on according to the enclosed installation manual.												
Color	<table><tr><td></td><td>Black O1</td></tr><tr><td></td><td>Graphite O2</td></tr><tr><td></td><td>Dark Grey O3</td></tr><tr><td></td><td>Aluminum Silver O4</td></tr><tr><td></td><td>White O6</td></tr><tr><td></td><td>Wooden Brown O7</td></tr></table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6		Wooden Brown O7
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	Graphite O2												
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### Light Distribution



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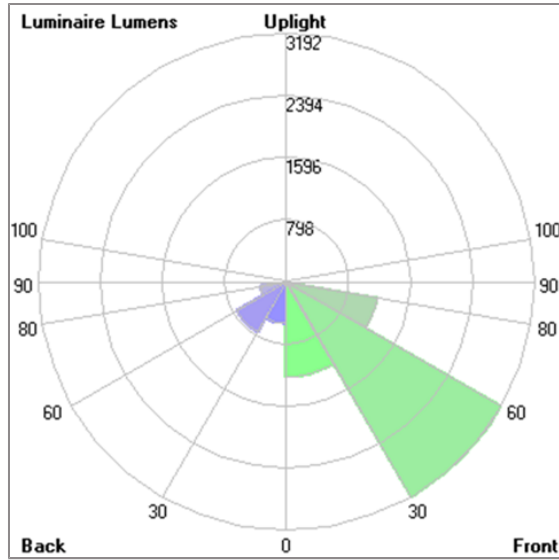
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## Bug Report



Lum. Classification System [LCS]				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	1221.3	12.2	16.8
FM	[30-60]	3192.1	32.0	44.0
FH	[60-80]	1181.1	11.8	16.3
FVH	[80-90]	21.4	0.2	0.3
BL	[0-30]	536.8	5.4	7.4
BM	[30-60]	745.1	7.5	10.3
BH	[60-80]	335.1	3.4	4.6
BVH	[80-90]	7.9	0.1	0.1
UL	[90-100]	1.4	0.0	0.0
UH	[100-180]	13.2	0.1	0.2
Total		7255.4	72.7	100.0
BUG Rating		B2-U2-G1		

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### Accessories



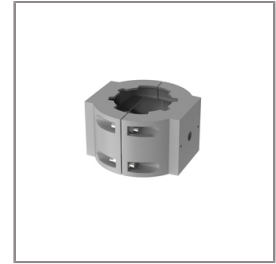
Ordering Code:  
AUN-CON-0011-00  
IP68 connection device,  
cable diameter 7.1-13mm,  
1-10V or DALI



Ordering Code:  
AUN-CON-0014-00  
IP68 connection device,  
cable diameter 8-12.5mm,  
1-10V or DALI



Ordering Code:  
AUN-CLP-0003-XX  
Pole clamp, pole diameter  
114mm



Ordering Code:  
AUN-CLP-0002-XX  
Pole clamp, pole diameter  
102-105mm



Ordering Code:  
STEEL-POLE-FOR-SIROCCO-FLOODLIGHT  
Please contact Sales  
Representative



Ordering Code:  
AUN-MOT-0001-XX  
Pole mount adaptor, spigot  
diameter 76mm



Ordering Code:  
AUN-MOT-0002-XX  
Wall or pole mounting arm,  
pole diameter 114mm



Ordering Code:  
AUN-MOT-0003-XX  
Mounting base, rotateable,  
1-10V or DALI



Ordering Code:  
AUN-MOT-0004-XX  
Wall or pole mounting arm,  
pole diameter 114mm,  
double sided

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