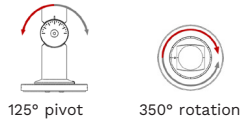


PROJECT NAME: _____ QUANTITY: _____ TYPE: _____

ORDERING CODE: _____



- ① Extruded aluminum cylindrical housing.
 - ② Sealed cast aluminum light assembly.
 - ③ Sealed cast aluminum lens frame.
 - ④ Clear tempered glass lens.
 - ⑤ Faceted specular aluminum reflector.
 - ⑥ Pivoting arm allows forward/back adjustability. The 125° adjustment allows the light beam to be aimed in a desired direction. Scopo also rotates 350° without disturbing the luminaire mounting.
 - ⑦ Base cover.
- All stainless steel hardware.



SC850 - WALL



SC854 - GROUND

MATERIALS

Scopo is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. The main housing is made of seamless extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance. The back cast aluminum cover includes ventilation slots allowing air circulation and cooling of assembly.

ELECTRICAL DRIVER

120V/277V driver is 0-10V dimming-ready (min. dim to 10%) with 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery. 347V/480V driver is 0-10V dimming ready (min. dim to 10%) with operating temperature range of -40°C/-40°F to 55°C/131°F, over current and output short circuit protection.

LED LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K / 80CRI. 70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true amber LED for turtle sensitive areas. Wavelengths: 585nm to 597nm.

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Actual performance may differ as a result of end-user environment and application.

WARRANTY

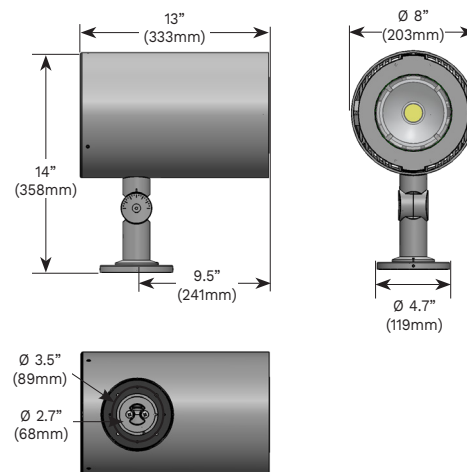
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

MOUNTING

The mounting plate is designed to fit on a 4" (102mm) round electrical box using 3.5" (89mm) C/C four mounting holes.

MEASUREMENTS


Maximum weight: 15.9 lbs (7.2 kg)



LUMINIS.COM

Toll free: (866) 586-4647 | Fax: (514) 683-8872 | Email: info@luminis.com
 260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

ORDERING CODE

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT	*VOLTAGE
SC850 	<u>Static White</u> L1L20 2157 lm / 22w L1L35 3572 lm / 40w L1L50 5357 lm / 55w L1L75 7440 lm / 77w ^{1,2} <u>True Amber</u> L1LK2A 441 lm / 11w ³ Delivered lumens calculated at 4000K/80CRI except for amber. FLD optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs	NR Narrow optic 12° FLD Flood optic 28° WD Wide optic 38° VWD Very wide optic 55°	27K 2700K 30K 3000K 35K 3500K 40K 4000K AMB Wavelengths: 585nm to 597nm	120 120V 277 277V 347 347V 480 480V MVOLT 120V-277V HVOLT 347V-480V
	<u>Very Narrow Distribution</u> L1L30NR 2954 lm / 50w ⁴ Delivered lumens calculated at 4000K/80CRI. VNR optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.			

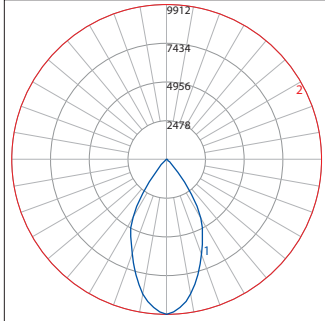
LENS/DIFFUSER	SHIELDING ACCESSORIES	LOUVERS	*FINISH	ENVIRONMENT
LSL Linear spread lens SL Solite lens ⁵	SNT Snoot ⁶ VS Visor ⁶	HL Hexcell louver ⁷	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ⁸ RAL RAL color ⁹	MG Marine grade paint ¹⁰ NT Natatorium suitable ¹¹

NOTES

- *- Denotes a required field
- 1- Not available with 347, 480 or HVOLT.
- 2- Not available with NR.
- 3- Available only with AMB.
- 4- Available only with VNR distribution option. Not available with 27K or 35K.
- 5- Lumen conversion factor (LCF) 0.9.
- 6- To prevent reflections, interior is painted black when a light color finish is selected (WHT, MST, GRT and CHT)
- 7- Not available with SNT or VS.
- 8- Contact factory to coordinate custom matching color.
- 9- Specify RAL number.
- 10- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
- 11- Only available in WHT and BKT finish.

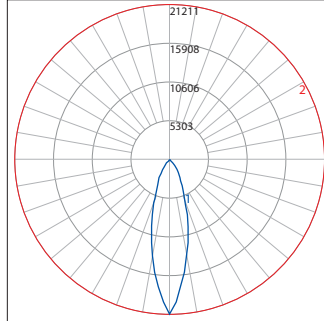
TYPICAL PHOTOMETRY SUMMARY

SC850-L1L50-NR



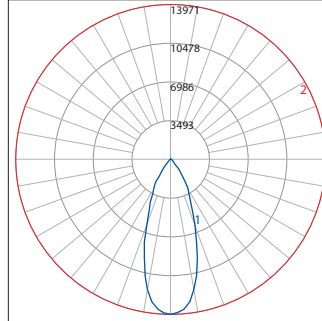
Total Lms: 4528 Lumens
Total Input Watts: 55 W
Efficacy: 82 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 48778 @ 0°

SC850-L1L75-FLD



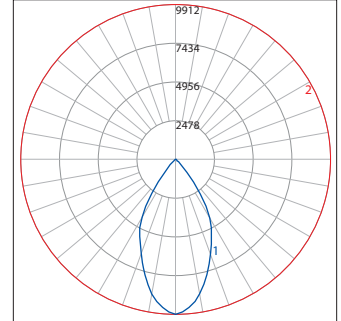
Total Lms: 7440 Lumens
Total Input Watts: 77 W
Efficacy: 97 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 212111 @ 0°

SC850-L1L75-WD



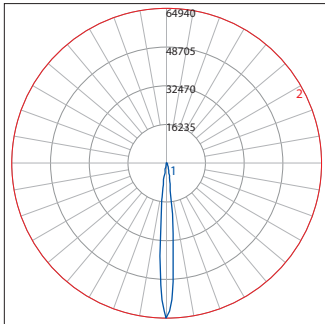
Total Lms: 7067 Lumens
Total Input Watts: 77 W
Efficacy: 92 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 13971 @ 0°

SC850-L1L75-VWD



Total Lms: 7528 Lumens
Total Input Watts: 77 W
Efficacy: 98 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 9912 @ 0°

SC850-L1L30NR-VNR



Total Lms: 2954 Lumens
Total Input Watts: 50 W
Efficacy: 59 Lumens/Watt
CCT/CRI: 4000K/80
Maximum Candela: 64940 @ 0°

LUMEN CONVERSION FACTOR (LCF)		
CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

All Photometry shown use the 80CRI 4000K LEDs.
 Please visit our web site www.luminis.com for complete I.E.S. file.

OPTION DETAILS

