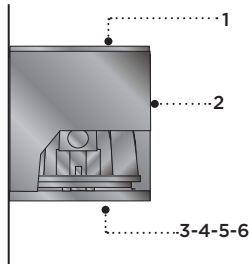


TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE SUFFIX REFLECTOR VOLTAGE FINISH OPTION OPTION OPTION

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- 1- Aluminum top cover.
- 2- Extruded aluminum housing.
- 3- Fully sealed cast aluminum up or down light assembly (for upright position, select "UP" from options).
- 4- Sealed cast aluminum lens frame.
- 5- Clear tempered glass lens.
- 6- Faceted specular aluminum reflector.

All stainless steel hardware.



MATERIALS

Syrios Square LED 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.

Syrios Square LED SQ500 series is offered standard with 29° optic. See options section for alternate selection.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -30°C/-22°F to 55°C/131°F, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

LED Standard 4000K /80CRI. Optional 2700K, 3000K & 3500K. Optional Amber LED for turtle sensitive areas. Wavelengths: 584.5nm to 597nm.

LIFE

60,000hrs L₇₀B₅₀ (based on IESNA TM-21 Test Method and LM-80 data). Up to 95,000hrs L₇₀B₅₀ (calculated projection from LM-80 data).

FINISH

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

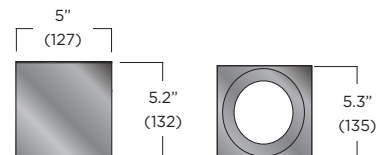
MOUNTING

Maximum weight: 2.8lbs (1.3kg)

The mounting plate is designed to fit on a: 4" (102) octagonal electrical box using 3 1/2" (89) C/C mounting holes or 2x4" (51x102) rectangular electrical box using 3.156" (80) C/C mounting holes.


CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location. Rated IP66. CE Certification on request.



SQ500 SERIES SYRIOS SQUARE - LED

LUMINAIRE SELECTION

MODEL#	LED LIGHT SELECTION					REFLECTORS*	VOLTAGE	FINISH
 <input type="checkbox"/> SQ500	SUFFIX <input type="checkbox"/> L1L10	INPUT WATTS 13W	DELIVERED LUMENS 924	CRI 80	CCT °K 4000	<input type="checkbox"/> R30 Flood optics 29° (standard) <input type="checkbox"/> R40 Wide flood optics 42° <small>*Depending on direction fixture is installed add U (for upright) or D (for downlight) to suffix for all reflectors listed above. (i.e. R40U is 42° upright)</small>	<input type="checkbox"/> 120V <input type="checkbox"/> 277V	STANDARD COLORS <input type="checkbox"/> WHT Snow white <input type="checkbox"/> BKT Jet black <input type="checkbox"/> BZT Bronze <input type="checkbox"/> MST Matte silver <input type="checkbox"/> GRT Titanium gray <input type="checkbox"/> DGT Gun metal <input type="checkbox"/> CHT Champagne (Refer to color chart)
	AMBER LED <input type="checkbox"/> L1L1K2A	7W	124	AMBER				OPTIONAL COLORS <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color
	VERY NARROW DISTRIBUTION <input type="checkbox"/> L1L5NR	10W	539	80	4000	<input type="checkbox"/> R9 Very narrow optics 9° Field angle 21° (12,018 candela)		NATATORIUM SUITED COLORS <input type="checkbox"/> NWHT White <input type="checkbox"/> NBKT Black

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OPTIONS

ELECTRICAL

- FS** Fuse
- REML2-50** 7W remote emergency battery backup for LED, 90 min Remote mount 50ft - 12" (305) square enclosure with access cover¹

MOUNTING

- SWK** Adaptor box for surface 3/4" conduit feed

ACCESSORIES

- SL** Solite lens
- LSL** Linear spread lens

LIGHT & OPTICS

Alternate CCT °K LED (LCF: Lumen conversion factor)

- K27** 2700K CCT 80 CRI (LCF: 0.91)²
- K3** 3000K CCT 80 CRI (LCF: 0.94)
- K35** 3500K CCT 80 CRI (LCF: 0.983)²

NOTE: Other CCT & higher CRI available, please consult factory.

NOTES

- 1- The remote enclosure must be interior.
- 2- Please consult factory when selecting K27 or K35 in conjunction with R9 (very narrow optics).

LUMINIS[®]

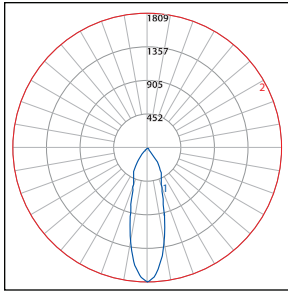
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Luminaires may be altered for design improvement or discontinued without prior notice.

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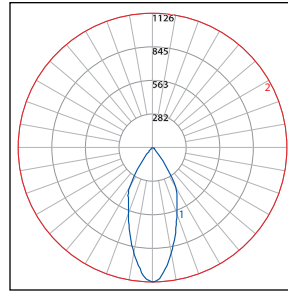
June 2019 Rev.0

TYPICAL PHOTOMETRY SUMMARY



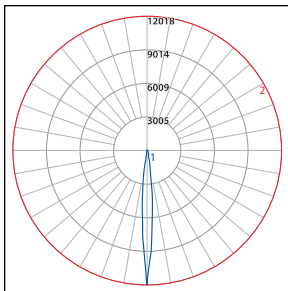
Descriptive Information

SQ500-L1L10-R30
 Total Lms: 924 Lumens
 Total Input Watts: 13 W
 Efficacy: 74 Lumens/Watt
 BUG: B1-U0-G0
 CCT/CRI: 4000K/80
 Maximum Candela: 2098 @ 0 deg



Descriptive Information

SQ500-L1L10-R40
 Total Lms: 846 Lumens
 Total Input Watts: 13 W
 Efficacy: 68 Lumens/Watt
 BUG: B1-U0-G0
 CCT/CRI: 4000K/80
 Maximum Candela: 1317 @ 0 deg



Descriptive Information

SQ500-L1L5NR-R9
 Total Lms: 539 Lumens
 Total Input Watts: 10 W
 Efficacy: 53 Lumens/Watt
 BUG: B1-U0-G0
 CCT/CRI: 4000K/80
 Maximum Candela: 12018 @ 0 deg

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.