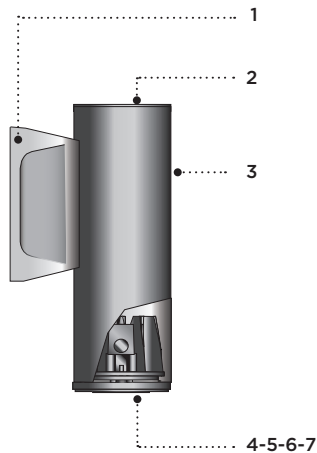


TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE SUFFIX REFLECTOR VOLTAGE FINISH OPTION OPTION OPTION



- 1- Cast aluminum driver housing, includes galvanized steel wall mount pressure plate.
- 2- Cast aluminum top cover.
- 3- Extruded aluminum cylindrical housing.
- 4- Fully sealed cast aluminum light assembly.
- 5- Sealed cast aluminum lens frame.
- 6- Clear tempered glass lens.
- 7- Faceted specular aluminum reflector.

All stainless steel hardware.

SY300



ADA Compliant

MATERIALS

Syrios 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 LED SY300 series is 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 $L_{70}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data). Up to 95,000hrs $L_{70}B_{50}$ (calculated projection from LM-80 data).

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.

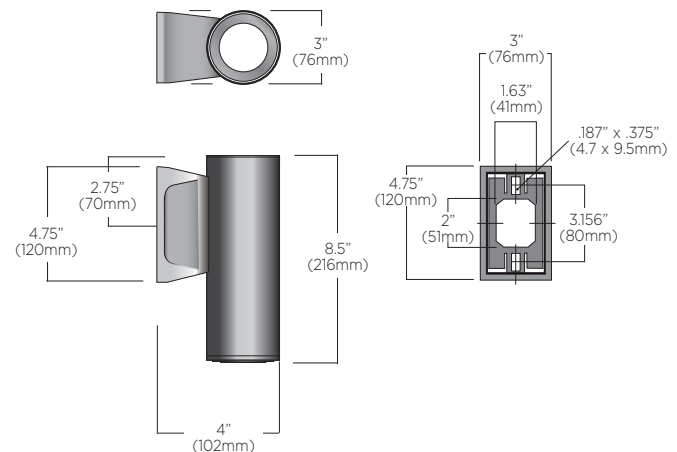
MOUNTING

Maximum weight: 2.5 lbs (1.1 kg)

The mounting plate is designed to fit on a 2X4" (51x102mm) rectangular electrical box using 3.156" (80mm) C/C mounting holes. Optional trimming plate for octagonal jbox (option MT4).

CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location. Rated IP66.




SY300 SERIES

SYRIOS - LED

ADA Compliant

LUMINAIRE SELECTION

1 MODEL#	2 LED LIGHT SELECTION	3 REFLECTORS*	4 VOLTAGE	5 FINISH										
 <input type="checkbox"/> SY300	<table border="1"> <thead> <tr> <th>SUFFIX</th> <th>INPUT WATTS</th> <th>DELIVERED LUMENS</th> <th>CRI</th> <th>CCT °K</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> L1L10</td> <td>13W</td> <td>924</td> <td>80</td> <td>4000</td> </tr> </tbody> </table> AMBER LED IDA - Dark Sky Approved <input type="checkbox"/> L1L1K2A 7W 124 AMBER	SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT °K	<input type="checkbox"/> L1L10	13W	924	80	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 uplight) or D (for downlight) to suffix for all reflectors listed above. (i.e. R40U is 42° uplight)</small> <input type="checkbox"/> R9 Very narrow optics 9° Field angle 21° (12,018 candela)	<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 <input type="checkbox"/> SGT Steel gray <input type="checkbox"/> BGT English cream (Refer to color chart) OPTIONAL COLORS <input type="checkbox"/> CS Custom color <input type="checkbox"/> RAL RAL# color NATATORIUM SUITED COLORS <input type="checkbox"/> NWHT White <input type="checkbox"/> NBKT Black
	SUFFIX	INPUT WATTS	DELIVERED LUMENS	CRI	CCT °K									
	<input type="checkbox"/> L1L10	13W	924	80	4000									
	VERY NARROW DISTRIBUTION <input type="checkbox"/> L1L5NR 10W 539 80 4000													

OPTIONS

ELECTRICAL

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

MOUNTING

- ☐ **SWK** Adaptor box for surface 3/4" conduit feed
- ☐ **MT4** Trimming plate for octagonal box

ACCESSORIES

- ☐ **SL** Solite lens (light loss factor [LLF]: 0.9)
- ☐ **LSL** Linear spread lens
- ☐ **SNT** 1.5" (38mm) snoot²
- ☐ **HL** Hexcell louver

LIGHT & OPTICS

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

- ☐ **K27** 2700K CCT 80 CRI (LCF: 0.91)³ IDA - Dark Sky Approved
- ☐ **K3** 3000K CCT 80 CRI (LCF: 0.94) IDA - Dark Sky Approved
- ☐ **K35** 3500K CCT 80 CRI (LCF: 0.983)³

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

NOTES

- 1- The remote enclosure must be interior.
- 2- To prevent reflections, interior painted black when a light color finish is selected (ex. WHT, MST, GRT and CHT).
- 3- K27 and K35 options not available with the R9 optics.

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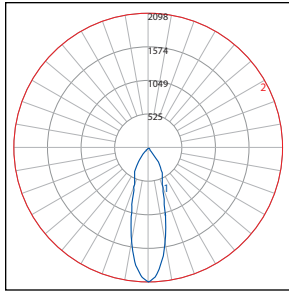
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260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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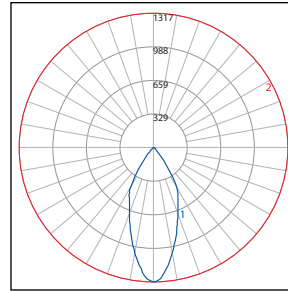
Apr 2020 Rev.0

TYPICAL PHOTOMETRY SUMMARY



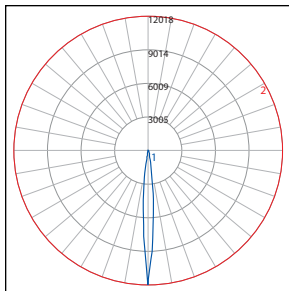
Descriptive Information

SY300-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

SY300-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

SY300-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.