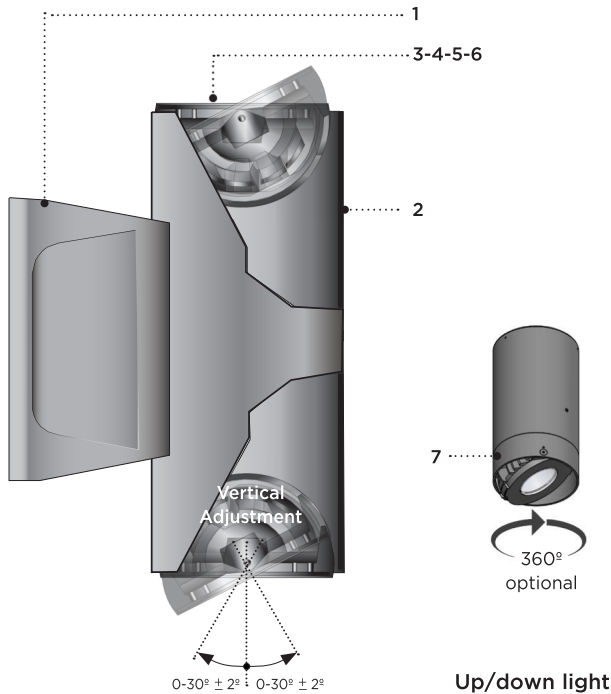


TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

FIXTURE SUFFIX REFLECTOR VOLTAGE FINISH OPTION OPTION OPTION



SY602



- 1- Cast aluminum driver housing. Includes galvanized steel wall mount pressure plate.
- 2- Seamless extruded aluminum cylindrical housing.
- 3- Fully sealed cast aluminum up/down light assembly.
- 4- Sealed cast aluminum lens frame.
- 5- Clear tempered glass lens.
- 6- Faceted specular aluminum reflector.
- 7- Optional 360° adjustable rotation.

All stainless steel hardware.

Syrios light module is designed with a tilting mechanism allowing forward and back light adjustability. The $\pm 30^\circ$ directional module allows to aim the light beam in the desired direction, without disturbing the luminaire mounting. The module can be secured using the built in locking mechanism.

Fully adjustable 360° rotation also available, see option A360.

Other adjustment factory set positions are available. Please consult factory.

MATERIALS

Syrios 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 is standard with a unique proprietary design allowing the sealed LED module to tilt within the cylindrical housing.

Syrios SY602 series is standard with 30° optics. 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 -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.

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 70,000hrs $L_{70}B_{50}$ (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

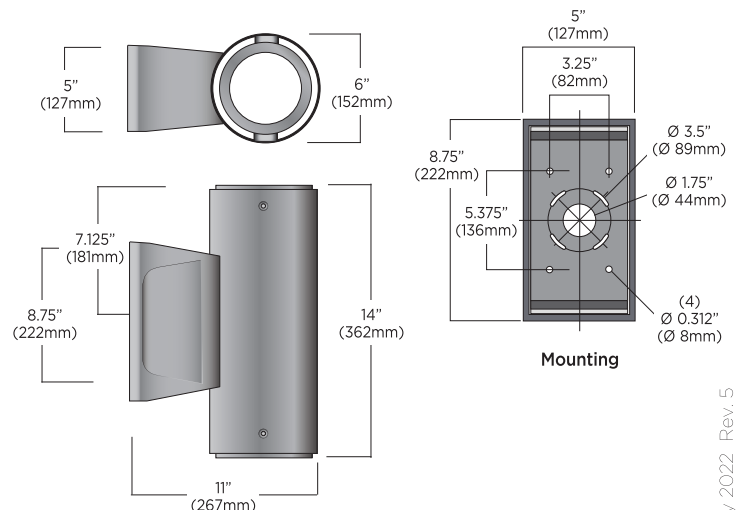
Maximum weight: 11.7 lbs (5.3 kg)

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

Additional mounting holes are provided as per site requirements.

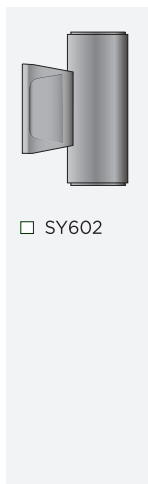
CERTIFICATION

Certified and Approved as per CSA C22.2 No.: 250.0 standard and ANSI/UL 1598 standard, for wet location. Rated IP66.



LUMINAIRE SELECTION

1 MODEL#



2 LED LIGHT SELECTION

SUFFIX	DELIVERED LUMENS	INPUT WATTS	CRI	CCT °K
<input type="checkbox"/> L2L15	3198	31W	80	4000
<input type="checkbox"/> L2L25	5087	51W	80	4000
<input type="checkbox"/> L2L40	7630	86W	80	4000
AMBER LED				
<input type="checkbox"/> L2L3K2A	529	21W	AMBER	

VERY NARROW DISTRIBUTION

<input type="checkbox"/> L2L15NR	3144	56W	80	4000
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3 REFLECTORS*

- R15 Narrow optics 15°
- R30 Flood optics 30° (standard)
- R55 Wide flood optics 52°

*All reflector options listed above must be selected independently for uplight & downlight. Add U (for uplight) and D (for downlight) to suffix. (i.e. R55U-R30D is 52° uplight and 30° downlight)

- R9 Very narrow optics 9°
Field angle 18°
(42,920 candela)

4 VOLTAGE

- 120V
- 277V
- Optional
- 347V⁵

5 FINISH

STANDARD COLORS*

- WHT Snow white
- BKT Jet black
- BZT Bronze
- MST Matte silver
- GRT Titanium gray
- DGT Gun metal
- CHT Champagne
- SGT Steel gray
- BGT English cream

OPTIONAL COLORS

- CS Custom color
- RAL RAL# color

NATATORIUM SUITED COLORS

- NWHT White
- NBKT Black

*Refer to color chart

OPTIONS

ELECTRICAL

- FS Fuse
- PH Photocell¹
- 347L Step down transformer for 347V input
- DS Dual circuit switching (independent uplight & downlight control)
- MS PIR Motion sensor (Device is located at bottom of luminaire wall box)⁴
- REML2-50 7W remote emergency battery backup for LED, 90 min. Remote mount 50ft - 12" (305mm) square enclosure with access cover²

ACCESSORIES

All options listed below must be selected independently for uplight & downlight. Add U (for uplight) and D (for downlight) to suffix.

- HL Hexcell louver
- SL Solite lens (light loss factor [LLF]: 0.9)
- LSL Linear spread lens (Asymmetric lens distribution is achieved when light module is tilted)

LIGHT & OPTICS

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

- 2K27 2700K CCT 80 CRI (LCF: 0.91)⁶
- 2K3 3000K CCT 80 CRI (LCF: 0.94)
- 2K35 3500K CCT 80 CRI (LCF: 0.983)⁶
- A360 360° adjustable rotation
- RG Regressed light module³

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

MOUNTING

- SWK Adaptor box for surface 3/4" conduit feed (4 sides plus back entry)

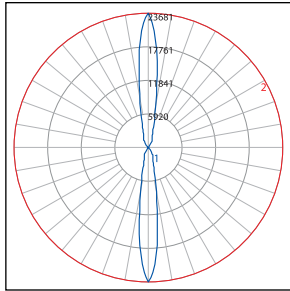
FAUX WOOD COLORS⁷

- ADG American douglas
- BRC Birch
- CHN Chestnut
- CRY Cherry
- KNP Knotty pine
- MPL Maple
- OFL Oak
- RSW Rosewood
- TEK Teak
- WLN Walnut

NOTES

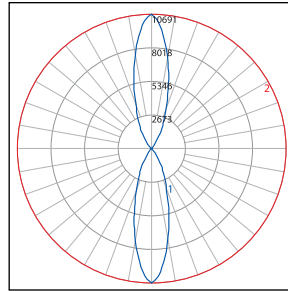
- 1- Photocell (PH) not available with REML2-50 option.
- 2- The remote enclosure must be interior. Battery powers downlight module, unless otherwise requested (only one module is powered by the emergency battery).
- 3- Cylindrical housing extended by 1.1" (27.9mm) per light module for increased cut-off.
- 4- PIR Motion sensor (MS) not available with REML2-50 option.
- 5- 347V not compatible with Amber LED L1L3K2A.
- 6- 2K27 and 2K35 options not available with the R9 optics.
- 7- Faux wood finish not applied to driver housing, lens frame or accessories.

TYPICAL PHOTOMETRY SUMMARY



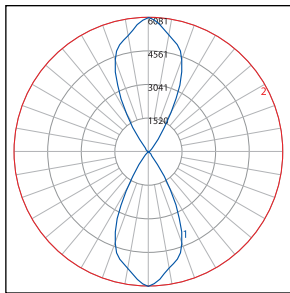
Descriptive Information

SY602-L2L40-R15
 Total Lms: 7435 Lumens
 Total Input Watts: 86 W
 Efficacy: 87 Lumens/Watt
 BUG: B3-U5-G0
 CCT/CRI: 4000K/80
 Maximum Candela: 23681 @ 0°



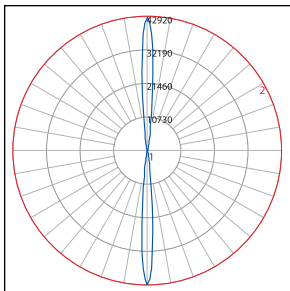
Descriptive Information

SY602-L2L40-R30
 Total Lms: 7630 Lumens
 Total Input Watts: 86 W
 Efficacy: 89 Lumens/Watt
 BUG: B3-U5-G0
 CCT/CRI: 4000K/80
 Maximum Candela: 10691 @ 0°



Descriptive Information

SY602-L2L40-R55
 Total Lms: 8127 Lumens
 Total Input Watts: 86 W
 Efficacy: 95 Lumens/Watt
 BUG: B3-U5-G0
 CCT/CRI: 4000K/80
 Maximum Candela: 6081 @ 0°



Descriptive Information

SY602-L2L15NR-R9
 Total Lms: 3144 Lumens
 Total Input Watts: 56 W
 Efficacy: 57 Lumens/Watt
 BUG: B2-U5-G0
 CCT/CRI: 4000K/80
 Maximum Candela: 42920 @ 0°

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