

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG
NUMBER:

FIXTURE

WATTAGE

VOLTAGE

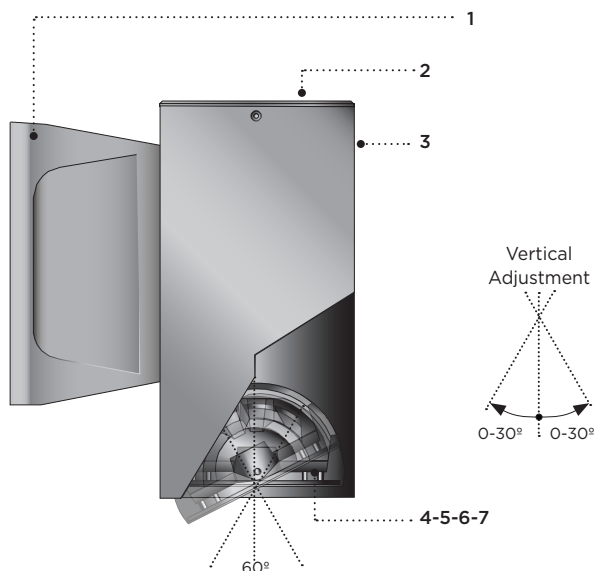
FINISH

OPTION

OPTION

OPTION

OPTION

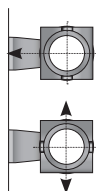


- 1- Cast aluminum driver housing.
Includes galvanized steel wall
mount pressure plate.
- 2- Cast aluminum ventilated top cover.
- 3- Seamless extruded aluminum
housing.
- 4- Fully sealed cast aluminum up or
down light assembly.
- 5- Sealed cast aluminum lens frame.
- 6- Clear tempered glass lens.
- 7- Faceted specular aluminum reflector.

All stainless steel hardware.



Syrios Square LED 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.



Standard forward and back light throw

AR180: Optional 180° angle left and right side of luminaire.

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

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

The top cast aluminum cover includes ventilation slots allowing air circulation and cooling of assembly.

Syrios Square LED SQ600 series is standard with 20° 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 60°C/140°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 & 5000K.
Removable modular LED platform.
Optional Amber LED for turtle sensitive areas.
Wavelengths: 584.5nm to 597nm.

LIFE

60,000hrs $L_{85}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
130,000hrs $L_{70}B_{50}$ (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: 9.3lbs (4.2kg)

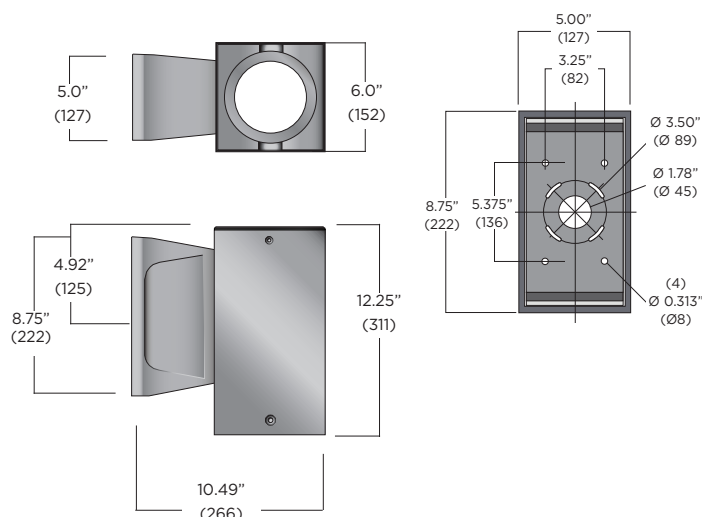
The mounting plate is designed to fit on a 4" (102) octagonal electrical box using 3 1/2" (89) C/C mounting holes.

Additional mounting holes are provided as per site requirements.

CERTIFICATION

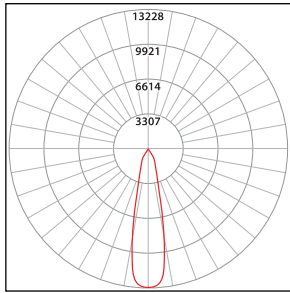
Tested to UL1598 and CSA 22.2 #250. ETL listed wet location.

Rated IP66. CE Certification on request.



SQ600 SERIES SYRIOS SQUARE - LED

TYPICAL PHOTOMETRY SUMMARY



Descriptive Information

SQ600-L1W30r1

Total Lms: 3230 Lumens
Total Input Watts: 34.74 W
Source: LED
Efficacy: 92.03 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 13228 @ 0 deg

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

LUMINAIRE SELECTION

MODEL#

SQ600

LED LIGHT SELECTION

SUFFIX

INPUT WATTS

DELIVERED LUMENS

CRI

CCT °K

☐ L1W12r1

12W

1139

80

4000K

☐ L1W18r1

18W

1686

☐ L1W30r1

35W

3230

AMBER LED LIGHT SELECTION

SUFFIX

INPUT WATTS

DELIVERED LUMENS

☐ L1W18K2A

17W

388

VOLTAGE

☐ 120V

☐ 277V

Optional

☐ 347V

FINISH

STANDARD COLORS

☐ WHT

Snow white

☐ BKT

Jet black

☐ BZT

Bronze

☐ MST

Matte silver

☐ GRT

Titanium gray

☐ DGT

Gun metal

☐ CHT

Champagne

(Refer to color chart)

OPTIONAL COLORS

☐ CS

Custom color

☐ RAL

RAL# color

OPTIONS

ELECTRICAL

- ☐ **FS** Fuse
- ☐ **PH** Photocell
- ☐ **347L** Step down transformer for 347V input
- ☐ **MS** PIR motion sensor (Device is located at bottom of luminaire wall box)

MOUNTING

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

LIGHT & OPTICS

- Alternate CCT °K LED (LCF: Lumen conversion factor)
- ☐ **K27** 2700K CCT 80 CRI (LCF: 0.91)
 - ☐ **K3** 3000K CCT 80 CRI (LCF: 0.94)
 - ☐ **K35** 3500K CCT 80 CRI (LCF: 0.983)
 - ☐ **K5** 5000K CCT 80 CRI (LCF: 1.01)

Alternate reflector optics (20° Standard reflector)

- ☐ **R45** 45° flood optic
- ☐ **R60** 60° wide flood optic
- ☐ **LSL** Linear spread lens (Asymmetric lens distribution is achieved when light module is tilted)
- ☐ **AR180** Light module with side to side adjustment

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

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