# LUMINIS ®

## SY605 SERIES
## SYRIOS - LED
### Pendant down light

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FIXTURE | WATTAGE | VOLTAGE | FINISH | OPTION | OPTION | OPTION | OPTION |

1

2

3

4

5-6-7-8

Vertical Adjustment

0-30º  0-30º

60º
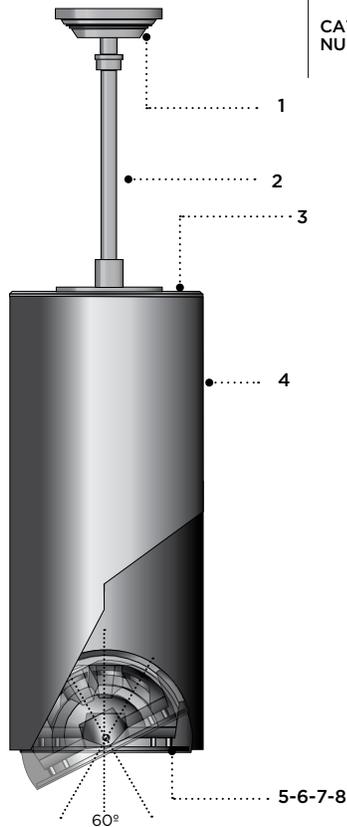
**1-** Standard heavy duty 45º hang straight swivel, with 5" diameter (127) canopy and universal mounting plate.

**2-** 7/8" diameter (22) X36" long (914 suspension stem. Precut factory stems are available on request.

**3-** Cast aluminum ventilated top cover.

**4-** Seamless extruded aluminum cylindrical driver housing.

**5-** Fully sealed cast aluminum down light assembly.

**6-** Sealed cast aluminum lens frame.

**7-** Clear tempered glass lens.

**8-** Faceted specular aluminum reflector

All stainless steel hardware.

**Syrios LED** light module is designed with a tilting mechanism allowing forward and back light adjustability. The ±30º 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.

## 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** is standard with a unique proprietary design allowing the sealed LED module to tilt within the cylindrical housing.
The top cast aluminum cover includes ventilation slots allowing air circulation and cooling of assembly.
**Syrios LED** SY605 series is standard with 20º optic. See options section for alternate selection.

## ELECTRICAL
**DRIVER** Standard 0-10V dimmable LED driver is 120/277V multi volt (50-60HZ) with operating temperatures of -30ºC/-22ºF to 60ºC/140ºF. Output over voltage. Output over current and output short circuit protection with auto-recovery.

**LED** Standard 4000K LED engine included. Optional 3000K, 3500K & 5000K. Removable modular LED platform.

## LIFE
54,000hrs $L_{74}B_{50}$ (based on IESNA TM-21 Test Method and LM-80 data).
66,000hrs $L_{70}B_{50}$ (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
The mounting plate is designed to fit on a 4" (102) octagonal electrical box using 3 1/2" (89) C/C mounting holes.

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

5.1" (130)

1.4" (36)

36" (914)

11.25" (286)

6.00" (152)

**LUMINIS** | Toll free: 866.586.4647  Fax: 514.683.8872  Email: info@luminis.com
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| 1
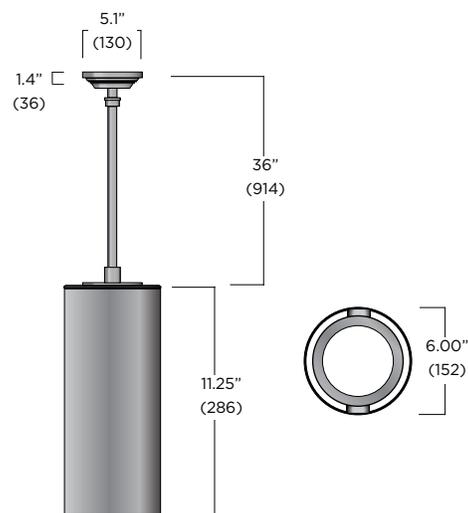
## TYPICAL PHOTOMETRY SUMMARY
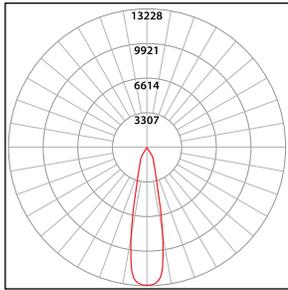


**Descriptive Information**

SY605-L1W30r1
Total Lms: 3197 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# | LED LIGHT SELECTION | | | | | VOLTAGE | FINISH |
|---|---|---|---|---|---|---|---|

**LED LIGHT SELECTION**

| SUFFIX | INPUT WATTS | DELIVERED LUMENS | CRI | CCT ºK |
|---|---|---|---|---|
| ☐ L1W12r1 | 12W | 1139 | | |
| ☐ L1W18r1 | 18W | 1686 | 80 | 4000K |
| ☐ L1W30r1 | 35W | 3197 | | |

☐ SY605

**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

☐ SS6   #316 Stainless
        steel body

## OPTIONS

**ELECTRICAL**

☐ FS       Fuse
☐ 347L     Step down transformer for 347V input

**MOUNTING**

☐ SPG      Silver braided power cord with adjustable suspension
           cable. 36" in length (other lengths on request.)

**COLOR FILTER**

☐ R6       Red color filter
☐ G6       Green color filter
☐ B6       Blue color filter

**LIGHT & OPTICS**

Alternate CCT ºK LED (LCF: Lumen conversion factor)
☐ K3       3000K CCT 90 CRI (LCF: 0.78)
☐ K35      3500K CCT 80 CRI (LCF: 0.983)
☐ K5       5000K CCT 80 CRI (LCF: 1.01)
☐ RGBW     RGBW color changing with DMX512 ready

Alternate reflector optics (20º Standard reflector)
☐ R45      45º flood optic
☐ R60      60º wide flood optic
☐ LSL      Linear spread lens (Asymmetric lens distribution is achieved
           when light module is tilted)
☐ RG       Regressed light module for increased cut-off

## LUMINIS.

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