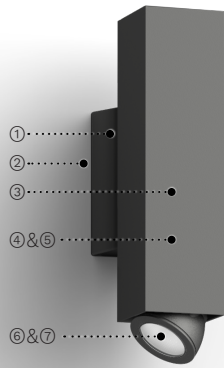| PROJECT NAME:	QUANTITY:	TYPE:

ORDERING CODE:

① Robust cast aluminum wall mounting box.

② Sturdy galvanized steel mounting plate.

③ Seamless extruded aluminum square housing.

④ Asymmetric heatsink for perfect blend of clean æsthetic and efficient heat dissipation.

⑤ Sleek and durable sealed cast aluminum up and down light assembly.

⑥ 30º tilt and 355º rotation for light adjustability.

⑦ Faceted specular aluminum reflector offers smooth lighting and reduced glare (NR/FLD/VWD). While TIR collimator lens focuses light in a very narrow beam.

SQP402

MATERIALS

Syrios Pro is made of corrosion resistant 360 aluminum alloy with a copper (CU) content of less than 0.1%. The main housing is made of seamless 6063 extruded aluminum. with an integrally sealed LED light module designed for optimal heat dissipation. and lighting performance.

ELECTRICAL DRIVER

Driver is 0-10V dimming-ready (dims to 1%) with: 120-277 multi-volt (50-60Hz) or 347-480 high-volt (50-60Hz), operating temperature range of -30ºC/-22ºF to 45ºC/113ºF, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.

LED LIGHT ENGINE

Offered in 2700K/3000K/3500K/4000K CCT with 80 CRI. 70% LED lumen maintenance at 60,000 hours (L70B50) based on IESNA. LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21. Optional true amber LED for turtle sensitive areas.
Wavelengths: 585nm to 597nm.
RGBW with white CCT available in 3000K and 4000K.
Quad chip technology, enabling optimal color mixing under each individual optic.

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.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP65. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25ºC. Actual performance may differ as a result of end-user environment and application.
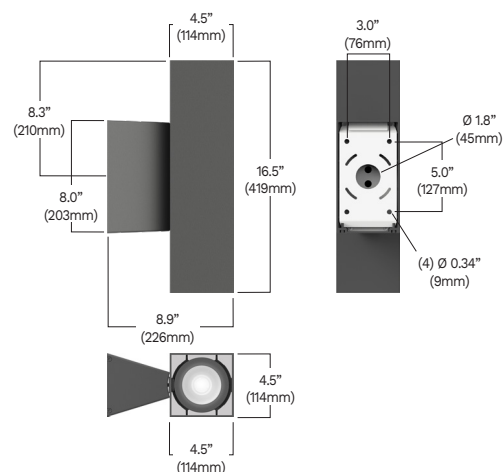
WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty/terms-and-conditions

MOUNTING

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.

MEASUREMENTS

Maximum weight: 13.7 lbs (6.2 kg)

4.5"
(114mm)

3.0"
(76mm)

8.3"
(210mm)

8.0"
(203mm)

16.5"
(419mm)

Ø 1.8"
(45mm)

5.0"
(127mm)

8.9"
(226mm)

(4) Ø 0.34"
(9mm)

4.5"
(114mm)

4.5"
(114mm)

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*SERIES	*DOWNLIGHT OUTPUT	*DOWNLIGHT DISTRIBUTION	*UPLIGHT OUTPUT	*UPLIGHT DISTRIBUTION	CCT	*VOLTAGE
SQP402	Static White L1L10 1344 lm / 12w L1L20 2335 lm / 23w L1L30 2840 lm / 30w RGBW L1RGBW[1,4] 338 lm / 24w True Amber L1LK2A[4] 544 lm / 9w Delivered lumens calculated at 4000K/80CRI except for RGBW and amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	NR Narrow optic 11˚ FLD Flood optic 30˚ VWD Very wide optic 55˚	Static White UL1L10 1344 lm / 12w UL1L20 2335 lm / 23w UL1L30 2840 lm / 30w RGBW UL1RGBW[1,5] 338 lm / 24w True Amber UL1LK2A[5] 544 lm / 9w Delivered lumens calculated at 4000K/80CRI except for RGBW and amber. Flood optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	UNR Uplight narrow optic 11º UFLD Uplight flood optic 30º UVWD Uplight very wide optic 55º	27K 2700K 30K 3000K 35K 3500K 40K 4000K	120 120V 277 277V 347 347V 480 480V HVOLT 347V-480V MVOLT 120V-277V
	Very Narrow Distribution L1L06 661 lm / 15w Delivered lumens calculated at 4000K/80CRI. Very narrow optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	VNR Very narrow optic 6˚	Very Narrow Distribution UL1L06 661 lm / 15w Delivered lumens calculated at 4000K/80CRI. Very narrow optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	UVNR Uplight very narrow optic 6º	Required field for all outputs except True amber.	

DOWNLIGHT LENS	UPLIGHT LENS	DOWNLIGHT LOUVERS	UPLIGHT LOUVERS	CONDUIT COVER	PHOTOCELL	SURGE PROTECTOR
ESL Elliptical spread lens[2,4] SL Solite lens[3,4]	UESL Uplight elliptical spread lens[2,5] USL Uplight solite lens[3,5]	HL Hexcell louver	UHL Uplight hexcell louver	SWK Decorative cover for 3/4" conduit junction box[6]	PH Photocell[7,8]	SP Surge protector

CONTROLS	DUAL SWITCHING	EMERGENCY	*FINISH	WOOD FINISH[12]	ENVIRONMENT
NLTAIR-MS nLight AIR 2.0 wireless control with occupancy detection[8] NLTAIR2 nLight AIR 2.0 wireless control[8]	DS Dual circuit switching (independent uplight & downlight control)	REM7 Remote emergency battery, 90 min, 7W[9]	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color[10] RAL RAL color[11]	ADG American douglas BRC Birch CHN Chestnut CRY Cherry KNP Knotty pine MPL Maple OFL Oak RSW Rosewood TEK Teak WLN Walnut	MG Marine grade paint[13] NT Natatorium suitable[14]

NOTES
*-   Denotes a required field
1-   Delivered lumens with all channels turned on. RGBW uses DMX512/RDM as a control input. Available only with 30K, 40K. Not available with 347, 480, HVOLT.
2-   37˚ x 80˚.
3-   Lumen conversion factor (LCF) 0.9.
4-   Not available with HL.
5-   Not available with UHL.
6-   Painted to match fixture color.
7-   Not available with NLTAIR2, NLTAIR-MS, REM7. If PH and DS are selected, PH will handle the on/off functionality for both light modules simultaneously. User will only have manual control over dimming feature of each module.

8-   Not available with 480V, HVOLT.
9-   Remote mount 50ft - 12" (305mm) square enclosure with access cover. The remote enclosure must be interior (cable by others). Emergency battery powers downlight module only. Not available with 347V, 480V, HVOLT, PH, NLTAIR2, NLTAIR2-MS.
10- Contact factory to coordinate custom matching color.
11- Specify RAL number.
12- Faux wood finish not applied to driver housing, lens frame or accessories. Additional delay required. Not compatible with marine grade paint or natatorium suitable.
13- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.
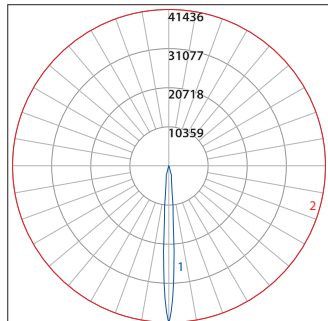14- Available only in WHT and BKT finish.

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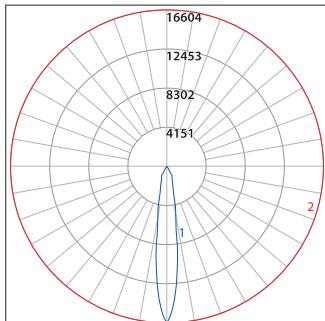260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

TYPICAL PHOTOMETRY SUMMARY
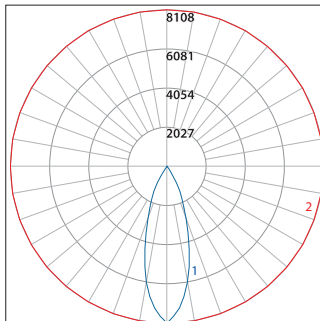
SQP402-L1L06-VNR

Total Lms: 661 Lumens
Total Input Watts: 15 W
Efficacy: 44.1 Lumens/Watt
BUG: B1-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 41436 @ 0°
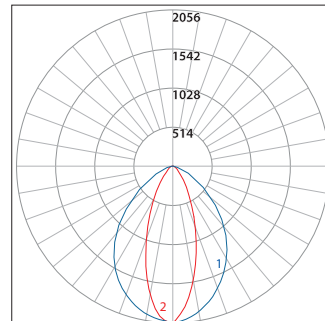
SQP402-L1L30-NR

Total Lms: 2531 Lumens
Total Input Watts: 30 W
Efficacy: 84.1 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 16604 @ 0°
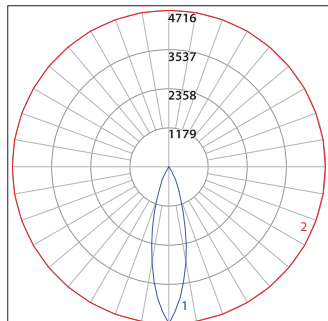
SQP402-L1L30-FLD

Total Lms: 2840 Lumens
Total Input Watts: 30 W
Efficacy: 94.7 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 8107 @ 0°
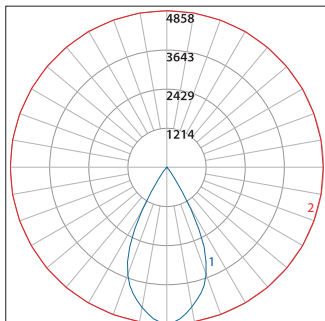
SQP402-L1L30-FLD-ESL

Total Lms: 2702 Lumens
Total Input Watts: 28 W
Efficacy: 96.5 Lumens/Watt
BUG: B2-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 2657 @ 0°

SQP402-L1L30-FLD-HL

Total Lms: 1162 Lumens
Total Input Watts: 30 W
Efficacy: 38.7 Lumens/Watt
BUG: B2-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 4716 @ 0°

SQP402-L1L30-VWD

Total Lms: 3035 Lumens
Total Input Watts: 30 W
Efficacy: 101.2 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 4857 @ 0°

LUMEN CONVERSION FACTOR (LCF)		
CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

All Photometry shown use the 80CRI 4000K LEDs.
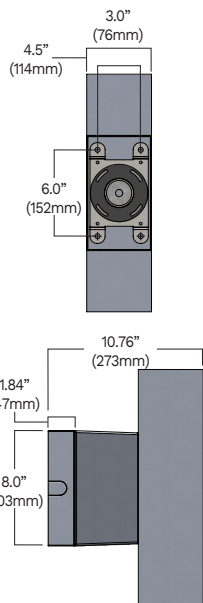Please visit our web site www.luminis.com for complete I.E.S. file.

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OPTION DETAILS

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

3.0"
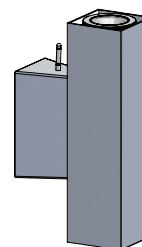(76mm)
4.5"
(114mm)
6.0"
(152mm)
10.76"
(273mm)
1.84"
(47mm)
8.0"
(203mm)
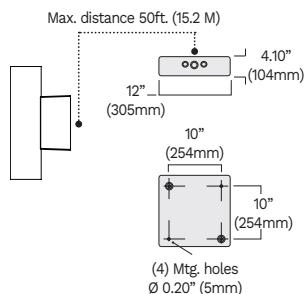
REM7
Remote mount 120/277V emergency battery pack (1110 lm/90 min). Test switch provided within enclosure with 5" (127mm) leads.

Max. distance 50ft. (15.2 M)
4.10"
(104mm)
12"
(305mm)
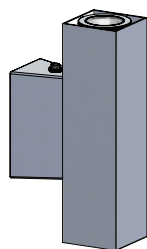10"
(254mm)
10"
(254mm)
(4) Mtg. holes
Ø 0.20" (5mm)
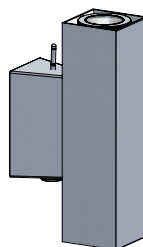
NLTAIR-MS
nLight AIR 2.0 wireless control with occupancy detection mounted on the wall box.

NLTAIR2
nLight AIR 2.0 wireless control mounted on the wall box.

PH
Thermal button photocell mounted on wallbox. Instant turn-on. Standard 5-10 second turn-off time delay.

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