

LAJ20

20" LA JOLLA LUMINAIRE

DATE: 03/30/23

LOCATION: Wall Lanterns

TYPE: A

PROJECT: 269 Broadway / 2 Osgood Street

CATALOG #: LAJ20-AW-24L-27-3K7-UNV-GENI-01-PT-BLS

FEATURES

- 16 Large or 10¾ Medium Scale
- Choice of Acrylic, Polycarbonate Lensing
- IES Distributions
- Clear or Diffused Lensing
- Integral surge and thermal protection



CONTROL TECHNOLOGY

energent

SPECIFICATIONS

CONSTRUCTION

- All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal
- All fasteners shall be Corrosion Resistant. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required, available at additional cost)
- The upper chamber/lid shall be topped by a decorative cast aluminum finial/cap and mechanically fastened to the optical chamber. The cast multi-sided cage shall accommodate UV stabilized acrylic or polycarbonate lenses (side panels) which shall be sealed for weather tight operation
- The electrical chamber/fitter shall be aluminum, decorative fitter designed to accommodate the ballast assembly and shall mount to 3 OD x 3" H tenon and secured by three stainless steel set screws

ELECTRICAL

- Each luminaire is supplied with an optical one piece cartridge system consisting of an LED engine, LED lamps, optics, gasket and stainless steel bezel. The cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system. Two-piece silicone and polycarbonate foam gasket ensures a weather-proof seal around each individual LED and allows the luminaire to be rated for high-pressure hose down applications

ELECTRICAL (CONTINUED)

- The optical cartridge is secured to the extruded housing with fasteners and a heat pad to ensure thermal conductivity. The optics are held in place without the use of adhesives and the complete assemble is gasketed for high pressure hose down cleaning. The cartridge assembly is available in various lighting distributions using a specially designed acrylic optical lens over each LED
- Luminaire shall have a minimum CRI of 67 at 5000K
- Shall be able to operate normally in ambient temperatures from -40°C to 40°C
- The on-board surge protector shall be a UL recognized component for the United States and Canada and have a surge current rating of 20,000 Amps using the industry standard 8/20 pSec wave. The LSP shall have a clamping voltage of 825V and surge rating of 540J. The case shall be a high-temperature, flame resistant plastic enclosure
- Luminaires are equipped with LED driver(s) that accept 90 through 305 VAC, 50 Hz to 60 Hz (UNIV). Power factor is .92 at full load. All driver components supplied are component-to-component wiring within the luminaire will carry no more than 80% of rated current and is listed by UL for use at 600VAC at 50°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher

CERTIFICATIONS

- U.L. UL1310, Class 2 and UL48 compliant
- The luminaire shall bear an NRTL label and be marked suitable for wet locations

WARRANTY

- 5 year warranty

LAJ20

20" LA JOLLA LUMINAIRE

ORDERING GUIDE

Example: LAJ20-AC-24L-27-3K-UNV-DIR2-PEC-GENI-04-PT-BBT

CATALOG # LAJ20-AW-24L-27-3K7-UNV-GENI-01-PT-BLS

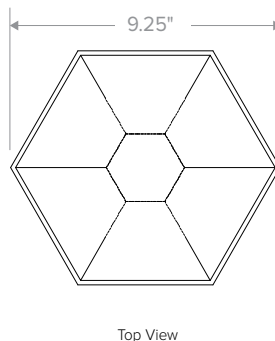
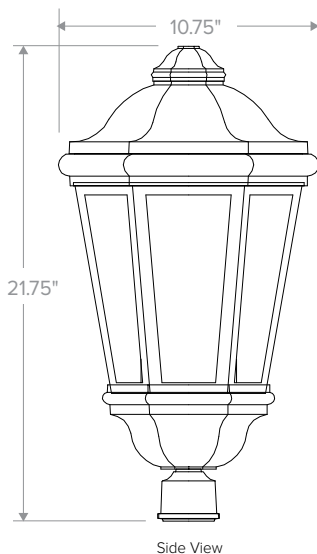
LAJ20	AF	24L-27	3K7	UNV		
Model	Lens Option	Engine-Watts	CCT - Color Temp	Voltage	Optics	Electrical Options
LAJ20 La Jolla 20"	AC Acrylic, clear AF Acrylic, frosted AS Acrylic, seeded AW Acrylic, white PC Polycarbonate, clear PF Polycarbonate, frosted	24L-27 27 Watts - LED array	3K7 3000K 4K7 4000K 5K7 5000K	UNV 120-277V	DIR2 Direct, Type II DIR3 Direct, Type III DIR4 Direct, Type IV DIR5 Direct, Type V	PEC Photocell, button

GENI-01	PT	BLT
Control Options	Mounting Options	Color
GENI-XX Energeni ¹	PT Post Top	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VG Verde Green Textured Color Option CC Custom Color

Notes:

- 1 When ordering Energeni, specify the routine setting code (example GENI-04). See Energeni brochure and Energeni instructions for setting table and options. Not available with sensor options

DIMENSIONS





LAJ20

20" LA JOLLA LUMINAIRE

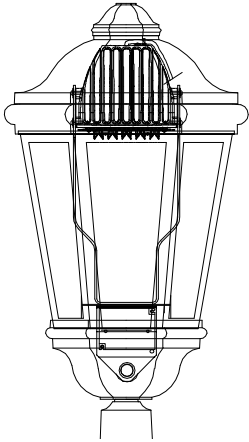
DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

ADDITIONAL INFORMATION

MOUNTING OPTIONS



Post Top

AA-56 8" Scroll

ARMS

DATE: 01/31/23

LOCATION: Wall Lantern Bracket

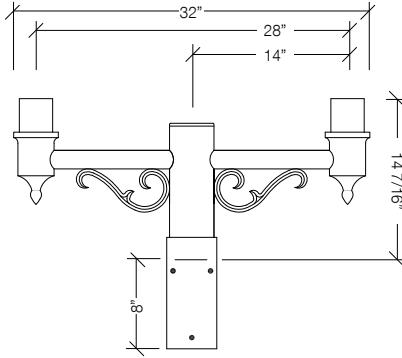
TYPE: A

PROJECT: 269 Broadway / 2 Osgood Street

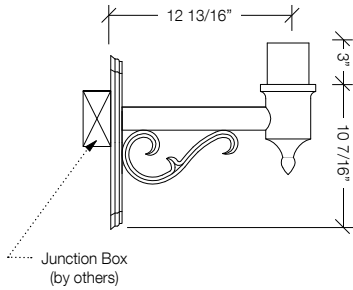
CATALOG #: AA-56/ W/ 4" A/ P/ BMT

Sample AA-56 S 4 B P BBT
 Ordering / / / / /
 A B C D E F

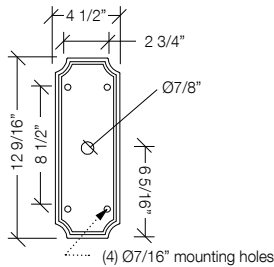
DETAILS



WALL BRACKET DETAILS



WALL PLATE DETAILS



Due to our continued efforts to improve our products, product specifications are subject to change without notice.

A. MODEL

AA-56 8" Scroll

B. POST SHAFT PROFILE

W wall mount
S smooth
F fluted

C. POST SHAFT DIAMETER

4 4"
5 5"
6 6"
OTHER _____

D. ARRANGEMENT

_____ see arrangement table below

E. LUMINAIRE MOUNTING

P pendant
T tenon

F. COLOR

BBT basic black textured
BMT black matte textured
WHT white textured
MBT metallic bronze textured
BZT bronze textured
DBT dark bronze textured
GYS gray smooth
DPS dark platinum smooth
GNT green textured
MST metallic silver textured
MTT metallic titanium textured
OWI old world iron
RAL _____











Construction: All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6, 6063-T5 or equal.

EPA (effective projected area): EPA is de-fined as (projected surface area X drag factor) and measured in ft². Allowable post, luminaire arm, luminaire and accessory EPAs are derived from the most current published AASHTO (American Association of State Highway and Transportation Officials) standard, currently AASHTO 2001 (50yr design life). Customer assumes all responsibility for selecting the ap-propriate post for installation (consult factory for assistance). Luminaire arm, luminaire and accessory EPA must be equal to or less than allowable EPA of post. Consult a professional engineer for compliance with local codes and standards.

Fasteners: All fasteners shall be Corrosion Resistant. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required, available at additional cost).

Finish: Finish shall be a Beacote V polyester powder-coat electro-statically applied and thermocured. Beacote V finish shall consist of a five stage iron phosphate chemical pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester pow-der coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pound.

Limited Warranty: Beacon Products warrants its products, to the original purchaser, against defects in materials and workmanship for proper usage for a period of 5 years after date of production, when properly installed, maintained and appropriately specified.

		arrangement (EPA index ft ² / weight (lbs))									
											
shaft Ø		A	B	C	D	E	F	G	H	I	J
wall	weight	10	-	-	-	-	-	-	-	-	-
Ø4"	EPA	-	.63	.85	.90	1.4	1.8	1.8	1.9	2.4	2.4
	weight	-	10	15	16	15	20	21	20	25	26
Ø5"	EPA	-	.73	.95	1.0	1.5	1.9	1.9	2.0	2.5	2.5
	weight	-	12	17	18	17	22	23	22	27	28
Ø6"	EPA	-	.83	1.05	-	1.6	2.0	2.0	2.1	2.6	2.6
	weight	-	15	20	21	20	25	26	25	30	31

DELTA STAR - SIGN STAR STYLE 'D' LED

IP66 RATED

DATE: 01/31/23

PROJECT: 269 Broadway / 2 Osgood St

TYPE: B

CATALOG NUMBER LOGIC: SN- 18 - D - LED - e65 - SP - A9 - BLP - 12 - 11 - UPM



*36" maximum stem length with Power Canopy option.

**Designed for use with 12 VAC. LED transformer. Requires magnetic low voltage dimmer.

***Please see Adjust-e-Lume photometry to determine desired intensity.

****Accommodates up to 2 lens/shielding media.

CATALOG NUMBER LOGIC

Example: SN - 30 - D - LED - e65 - SP - A7 - WHW - 12 - 11 - A - PC-TRe20

MATERIAL

Aluminum

SERIES

SN - Sign Star

STEM LENGTH

18" (Standard), 24", 30", 36", *42", or *48"

STYLE

D - Dual Bend, 90° Radius with 45° RLM Reflector

SOURCE

LED - with Integral Dimming Driver**

LED TYPE

e64 - 7W LED/2700K	e66 - 7W LED/4000K
e65 - 7W LED/3000K	e74 - 7W LED/Amber

OPTICS

NSP - Narrow Spot (13°)	MFL - Medium Flood (23°)
SP - Spot (16°)	WFL - Wide Flood (31°)

ADJUST-E-LUME OUTPUT INTENSITY***

A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1

FINISH

Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRI, CRM, HUG, MDS, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

(Also available in RAL Finishes. See submittal SUB-1439-00)

LENS TYPE****

12 - Soft Focus 13 - Rectilinear

SHIELDING****

11 - Honeycomb Baffle

OPTIONS

PC-TRe20 - Power Canopy with TRe20 Electronic Transformer (105-300 VAC. 50/60 Hz. Non-Dimming)*

UPM - Universal Power Module

B-K LIGHTING

MADE IN THE USA

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12/02/2020 SKU-1347
SUB-2306-00

DELTA STAR - SIGN STAR STYLE 'D' LED

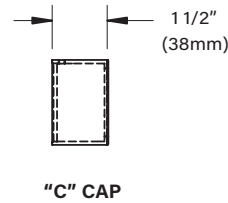
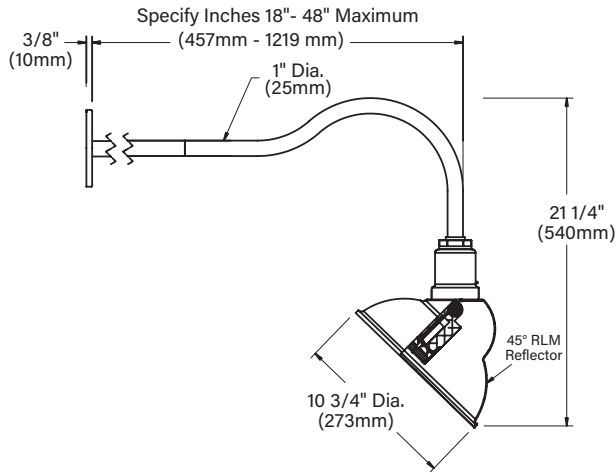
IP66 RATED

DATE: 01/31/23

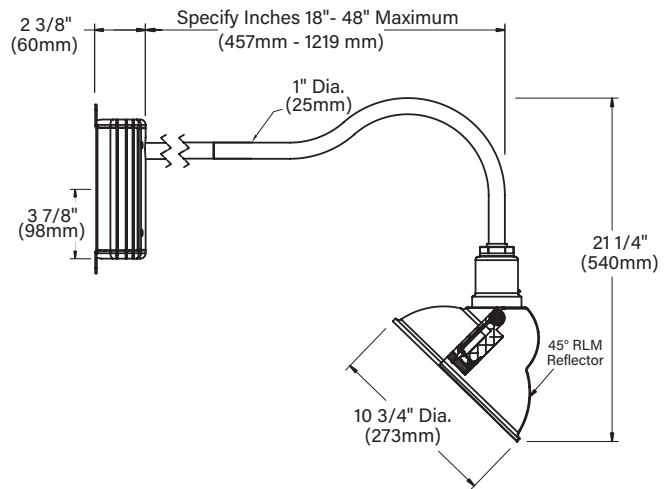
PROJECT: 269 Broadway / 2 Osgood St

TYPE: B

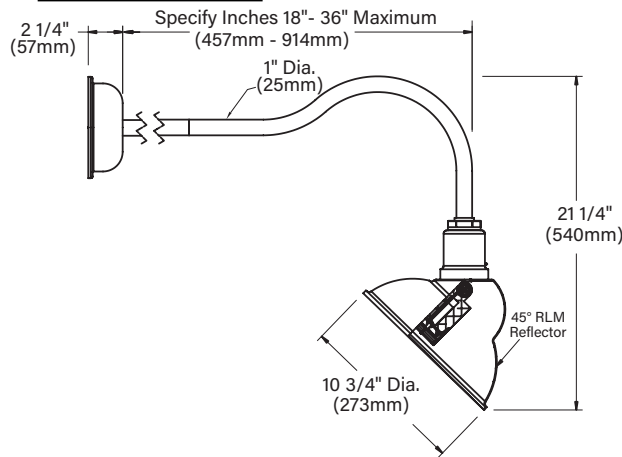
CANOPY - SIDE VIEW



UPM - SIDE VIEW



PC - SIDE VIEW



STANDARD FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

PREMIUM FINISHES



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DELTA STAR - SIGN STAR STYLE 'D' LED

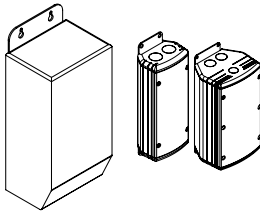
IP66 RATED

DATE: 01/31/23

PROJECT: 269 Broadway / 2 Osgood St

TYPE: B




Accessories (Configure separately)



TR Series

UPMRM

SPECIFICATIONS

ELECTRICAL	WATTAGE	7W LED
	ADJUST-E-LUME	Integral electronics allows dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed as conditions require. Specify factory preset output intensity.
	OPERATING VOLTAGE	PVC coated, 18AWG, 150V, 60°C rated and certified to UL 1838 standard.
	REMOTE TRANSFORMER	For use with 12VAC remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.
PHYSICAL	MATERIALS	Furnished in copper-free aluminum (6061-T6).
	STYLE	D style features dual bend, 90° radius from fixture to stem. Integral, fully adjustable fixture is positioned beneath a 10-3/4" dia. RLM reflector with 45° cutoff.
	BODY	Unibody design is fully machined from solid billet and provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone 'O' Ring provides water-tight seal.
	KNUCKLE	LOCK Knuckle is integral to the body and features an interior taper machined from solid billet and a second, reverse angle taper allowing full 180° vertical adjustment without the use of aim-limiting serrated teeth. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lbs. static load prior to movement for optical alignment with a 1/2" pipe thread for mounting.
	CAP	Fully machined and accommodates up to 2 lens/shielding media.
	STEM	Fully machined, 1" dia. with internal threads for maximum visual appeal. Available in configurable lengths to 48" maximum.
	LENS	Shock-resistant, tempered glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment.
	LED	Integrated solid state system. High power, forward throw source complies with ANSI C78.377 binning requirements. Exceeds ENERGY STAR® lumen maintenance requirements. LM-80 certified components. Integral non-dimming driver. Minimum 50,000 hour rated life at 70% of initial lumens (L70). LED technology provides long life, significant energy reduction and exceptional thermal management.
	DIMMING	Line voltage dimmable via magnetic low voltage dimmer with dedicated neutral conductor. For purposes of dimming: Remote magnetic transformer with LED loads should be loaded to 25% of the transformer VA (watts) rated value.
	OPTICS	Interchangeable, color-coded OPTIKIT modules permit field changes to optical distribution.
	INSTALLATION	5" dia., machined canopy permits mounting to 4" octagonal junction box. Junction box installation must be designed to hold full fulcrum weight of fixture (junction box and gasket by others).
	HARDWARE	Tamper-resistant, stainless steel hardware. LOCK aiming screw and canopy mounting screws are black oxide treated for additional corrosion resistance.
	FINISH	StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant. Powder coat or metal finish options available for brass material and metal finish option only for stainless steel material.
  	WARRANTY	5-year limited warranty.
	CERTIFICATION & LISTING	UL tested to IESNA LM-79. UL listed. Certified to CAN/CSA/ANSI standards. RoHS compliant. Suitable for indoor or outdoor use, in wet locations, and for installation within 4' of the ground. IP66 Rated. Made in the USA with sustainable materials.

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12/02/2020 SKU-1347
SUB-2306-00

LAMP & DRIVER DATA (e64, e65, e66, e74)

DATE: 01/31/23

PROJECT: 269 Broadway / 2 Osgood St

TYPE: B

CATALOG NUMBER LOGIC: SN- 18 - D - LED - e65 - SP - A9 - BLP - 12 - 11 - UPM

DRIVER DATA

Input Volts	InRush Current	Operating	Dimmable	Operation Ambient Temperature
12VAC/DC 50/60Hz	<250mA (non-dimmed)	700mA	Magnetic Low Voltage Dimmer	-22°F-194°F (-30°C - 90°C)

LM79 DATA

BK No.	CCT (Typ.)	CRI (Typ.)	Input Watts (Typ.)
e64	2700K	80	7
	2700K	80	7
	2700K	80	7
	2700K	80	7
e65	3000K	80	7
	3000K	80	7
	3000K	80	7
	3000K	80	7
e66	4000K	80	7
	4000K	80	7
	4000K	80	7
	4000K	80	7
e74	Amber	80	7
	Amber	80	7
	Amber	80	7
	Amber	80	7

L70 DATA

Minimum Rated Life (hrs.) 70% of initial lumens (L ₇₀)
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000
50,000

OPTICAL DATA

Angle	CBCP	Delivered Lumens	Multiplier
13°	5993	456	0.87
16°	4546	445	0.87
23°	1726	397	0.87
31°	1131	399	0.87
13°	6131	466	0.89
16°	4650	455	0.89
23°	1766	406	0.89
31°	1157	409	0.89
13°	6889	524	
16°	5225	511	
23°	1984	456	
31°	1300	459	
13°	3,927	299	0.57
16°	2,978	291	0.57
23°	1,131	260	0.57
31°	741	262	0.57

OPTICS

Optic	Angle
NSP - Narrow Spot	13°
SP - Spot	16°
MFL - Medium Flood	23°
WFL - Wide Flood	31°

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SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: 01/31/23	LOCATION: Ceiling Covered Parking
TYPE: C	PROJECT: 269 Broadway / 2 Osgood Street
CATALOG #: SRT2 - 50 - 4K7 - 5QW - UNV - WHT - WG	



FEATURES

- Edge-lit optical assembly delivers exceptional uniformity over the entire lens with indirect illumination that reduces glare and improves visual comfort
- Low profile housing intended for 8' - 20' mounting heights for surface, trunnion/yoke or pendant mounting
- Applications include parking garage, walkway or building canopies, corridors, tunnels, large stairwells and other interior applications
- Multiple optical distributions are available making the Beacon Edge-Lit luminaire both versatile and functional
- UL/cUL listed for wet locations, IP65



CONTROL TECHNOLOGY



SPECIFICATIONS

HOUSING

- Die-cast aluminum housing ensures long electrical component life and luminaire performance
- Corrosion resistant powder coat finish both protects and provides architectural appearance
- One piece molded silicone gasket ensures weather proof seal
- Thermally isolated driver mounted to dedicated bracket reduces operating temperatures and increases driver life and reliability

OPTICS

- Edge-lit acrylic light guide provides blended non-pixelated light for unprecedented visual comfort
- Choice of multiple light outputs with lumen range of 4,000–16,000
- Five distribution types: Type V Square, Type V Rectangular, Type V Concentrated, Type V Wide or Asymmetric (Type 3/4)
- Wide variety of CCT's and CRI's offered: 3000K (70CRI), 3000K (80CRI), 3500K (80CRI), 4000K (70CRI), 4000K (80CRI) or 5000K (70 CRI) CCT

ELECTRICAL

- 120V–277V 50/60Hz with 347V and 480V available
- 0-10V dimming drivers are RoHS compliant and IP66
- Surge protection – Standard 10kA with optional 20kA end of life LED indicator
- Dimming Drivers are standard and dimming leads are extended out of the luminaire unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 24" standard

INSTALLATION

- Standard quick mount plate over standard 4" square junction box or octagonal box and allows for simplified fixture installation.
- Standard luminaire accepts a rigid or free-swinging 3/4" NPT stem for pendant mount via wet location j-box (by others)
- Optional bird deterrent shroud available for field installation
- Optional trunnion/yoke mount available for field installation

OPTIONS/CONTROLS

- Standalone occupancy sensor available for on/off or dimming operation
- NX Lighting Controls available with in fixture Zigbee wireless control module, features dimming and occupancy sensor
- wiSCAPE® available with in fixture wireless control module, features dimming and occupancy sensor
- UL924 device available for standalone and wireless control override during power interruptions
- Uplight option provides approximately 800 lumens and consumes only 8 additional watts
- Integral battery backup option available with and without heater. Rated for 0°C (without heater) and -30°C (with heater) and uses 13 Watts of power
- Emergency lighting relay available for generator or central inverter supplied lighting
- Vandal resistant wire guard available as an option for factory installation or as an accessory for field installation

OPTIONS/CONTROLS (CONTINUED)

Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application

CERTIFICATIONS

- Listed to UL1598 for use in wet location, listed for -40°C to 40°C applications
- IDA approved with zero uplight for 3000K and warmer CCTs
- IP65
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020.

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	2800 to 14,700
Wattage Range	30–140
Efficacy Range (LPW)	110–135
Weight lbs. (kg)	15 (5.8)



SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: 01/31/23	LOCATION: Ceiling Covered Parking
TYPE: C	PROJECT: 269 Broadway / 2 Osgood Street
CATALOG #:	SRT2 - 50 - 4K7 - 5QW - UNV - WHT - WG

ORDERING GUIDE

Example: SRT2-30-3K7-5QW-UNV-BLT-WG

CATALOG #	SRT2 - 50 - 4K7 - 5QW - UNV - WHT - WG
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SRT2	50	4K7	5QW	UNV	WHT	WG
Series	Engine	CCT	Distribution	Voltage	Color/Finish	Options
SRT2 Edge-Lit Parking Garage Size 2	30 30W Nominal 3800 lm	3K7 3000K, 70 CRI	5QW Type Square Wide ¹	UNV 120V-277V	BLT Black Matte Textured	WG Wire Guard
	50 50W Nominal 5700 lm	3K8 3000K, 80 CRI	5RW Type 5 Rect. Wide ¹	120 120V	BLS Black Gloss Smooth	UD Uplight Module ⁷
	65 65W Nominal 7000 lm	35K8 3500K, 80 CRI	5C Type 5 Concentrated	208 208V	DBT Dark Bronze Matte Textured	F Single Fuse (120, 277, 347V)
	85 85W Nominal 9500 lm	4K7 4000K, 70 CRI	5W Type 5 Wide ⁴	240 240V	DBS Dark Bronze Gloss Smooth	F Double Fuse (208, 240, 480V)
	100 100W Nominal 11000 lm	4K8 4000K, 80 CRI	ASY Asymmetric (Type 4) ¹	277 277V	GTT Graphite Matte Textured	E EM Battery Pack (0°C) ²
	120 120W Nominal 13000 lm	5K7 5000K, 70 CRI		347 347V	LGS Light Grey Gloss Smooth	EH EM Battery w/Heater (-30°C) ²
	140 140W Nominal 14700 lm			480 480V	PSS Platinum Silver Smooth	DTS Dimming Transfer Switch ¹
					WHT White Matte Textured	LD3 36" Lead Length ⁵
					WHS White Gloss Smooth	LD6 72" Lead Length ⁵
					VGT Verde Green Textured	LD9 108" Lead Length ⁵
					Color Option	SP20K 20kA Surge Protection with End of Life Indicator ³
					CC Custom Color	LMB Less Mounting Bracket

Control Options	Accessories (Order Separately)
<u>NX Networked – Wireless</u>	<input type="checkbox"/> SRT2-WG Wire Guard for SRT2 version
NXW ³¹⁰ NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	<input type="checkbox"/> SRT-MB Mounting bracket for pre-installation
NXWS12F NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming ³	<input type="checkbox"/> SRT2-BS-XXX Bird deterrent shroud for SRT2 version, not available with uplight or trunnion mount
<u>wiSCAPE® – Wireless</u>	<input type="checkbox"/> SRT2-TM Trunnion/Yoke accessory for SRT2 version
WIR Wireless Controls, wiSCAPE®	<input type="checkbox"/> CLEDSJK Whiteway stem and junction box
WIRSC wiSCAPE® + occupancy sensor	
<u>Sensor Controls</u>	
SCP-8F Remote control programmable line voltage sensor (8-12' recommended MH) ²	
SCP-20F Remote control programmable line voltage sensor (12-20' recommended MH) ²	
BTSO12F Bluetooth Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and ^{360°} Lens	

Notes:	
1 For applications that must comply with UL924. Can not be combined with E or EH options	6 65W and 85W only
2 Available for 120 to 277 volts	7 Uplight Module (UD) will not be controlled by sensors
3 Not available with uplight (UD)	8 Consult Brand for 480 Volt
4 100, 120 and 140W light engines only	9 Not available in 30W and 50W
5 Standard wire lead length 24"	10 Up to 85W configurations only.

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: 01/31/23	LOCATION: Ceiling Covered Parking
TYPE: C	PROJECT: 269 Broadway / 2 Osgood Street
CATALOG #: SRT2 - 50 - 4K7 - 5QW - UNV - WHT - WG	

PERFORMANCE DATA

# of LEDs	Engine	DRIVE CURRENT (mA)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
					LUMENS	LPW*	B	U	G	LUMENS	LPW*	B	U	G	LUMENS	LPW*	B	U	G
280	30	35mA	31.0	5C	3789	122.23	2	0	2	3771	121.65	2	0	2	3626	116.97	2	0	2
				5QW	3686	118.89	2	0	1	3668	118.33	2	0	1	3527	113.77	2	0	1
				ASY	2991	96.48	1	0	2	2976	96.02	1	0	2	2862	92.32	1	0	2
				5RW	3604	116.26	2	0	2	3587	115.71	2	0	2	3449	111.26	2	0	2
	50	55mA	48.1	5C	5684	118.17	2	0	2	5657	117.60	2	0	2	5439	113.08	2	0	2
				5QW	5529	114.94	2	0	1	5502	114.39	2	0	1	5291	109.99	2	0	1
				ASY	4486	93.27	1	0	2	4465	92.82	1	0	2	4293	89.25	1	0	2
				5RW	5406	112.40	2	0	2	5380	111.86	2	0	2	5174	107.56	2	0	2
	65	75mA	65.1	5C	7105	109.14	2	0	2	7071	108.61	2	0	2	6799	104.44	2	0	2
				5QW	6911	106.16	2	0	1	6878	105.65	2	0	1	6613	101.58	2	0	1
				ASY	5608	86.14	1	0	2	5581	85.73	1	0	2	5366	82.43	1	0	2
				5RW	6758	103.81	2	0	2	6726	103.31	2	0	2	6467	99.34	2	0	2
	85	100mA	87.2	5C	9473	108.63	2	0	2	9428	108.11	2	0	2	9065	103.96	2	0	2
				5QW	9214	105.67	2	0	1	9170	105.16	2	0	1	8818	101.12	2	0	1
				ASY	7477	85.75	1	0	2	7441	85.33	1	0	2	7155	82.05	1	0	2
				5RW	9011	103.33	2	0	2	8967	102.84	2	0	2	8623	98.88	2	0	2
560	100	55mA	93.2	5C	11090	118.99	4	0	3	11037	118.42	4	0	3	10612	113.86	4	0	3
				5W	10788	115.75	4	0	3	10736	115.19	4	0	3	10323	110.76	4	0	3
	120	65mA	110.9	5C	13012	117.33	4	0	3	12950	116.77	4	0	3	12451	112.28	4	0	3
				5W	12657	114.13	4	0	3	12597	113.59	4	0	3	12112	109.22	4	0	3
	140	75mA	128.5	5C	14786	115.07	4	0	3	14715	114.52	4	0	3	14149	110.11	4	0	3
				5W	14383	111.93	4	0	3	14315	111.40	4	0	3	13764	107.11	4	0	3

Notes:

* Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment, application and inherent performance tolerances of the electrical components.

ELECTRICAL DATA

# OF LEDs	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
30	120	0.26	31
	208	0.15	
	240	0.13	
	277	0.11	
	347	0.09	
	480	0.06	
50	120	0.40	48.1
	208	0.23	
	240	0.20	
	277	0.17	
	347	0.14	
	480	0.10	
65	120	0.40	65.1
	208	0.23	
	240	0.20	
	277	0.17	
	347	0.14	
	480	0.10	
85	120	0.73	87.2
	208	0.42	
	240	0.36	
	277	0.31	
	347	0.25	
	480	0.18	
100	120	0.78	93.2
	208	0.45	
	240	0.39	
	277	0.34	
	347	0.27	
	480	0.19	
120	120	0.92	110.9
	208	0.53	
	240	0.46	
	277	0.40	
	347	0.32	
	480	0.23	
140	120	1.07	128.5
	208	0.62	
	240	0.54	
	277	0.46	
	347	0.37	
	480	0.27	

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP.	0	25,000	TM-21-11 36,000	50,000	100,000	Reported L70 (HOURS)	Calculated L70 (HOURS)
25°C / 77°C	1.00	0.97	0.95	0.94	0.89	>60,000	>266,000
40°C / 104°C	0.99	0.96	0.94	0.93	0.85	>60,000	>211,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0–25°C (32–122°F)

SRT LUMEN MULTIPLIER CHART

SRT Lumen Multiplier		
CCT	70 CRI	80 CRI
3000K	0.957	0.85
3500K	X	0.91
4000K	0.995	0.95
5000K	1	0.95

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: 01/31/23

LOCATION: Ceiling Covered Parking

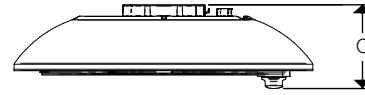
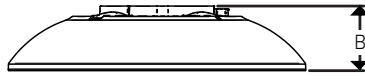
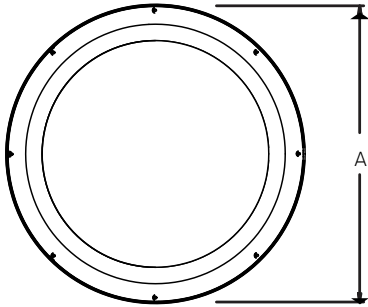
TYPE: C

PROJECT: 269 Broadway / 2 Osgood Street

CATALOG #: SRT2 - 50 - 4K7 - 5QW - UNV - WHT - WG

DIMENSIONS

SRT2



SRT2 with NX Lighting Controls

A	B	C	Weight
18.5" (469mm)	4.0" (1mm)	5.2" (132mm)	15bs (6.8kg)

ADDITIONAL INFORMATION

MOUNTING



Surface Mount

Mounting plate with "quick mount" hanger for one person simple installation.
(conduit not included)



Pendant Mount

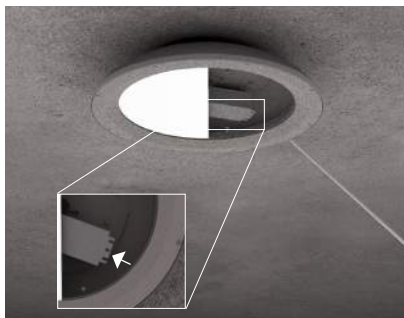
Standard 3/4" threaded entry for pendant applications. (Conduit and pendant not included).
Pendant available as an accessory.



Trunnion/Yoke Mount

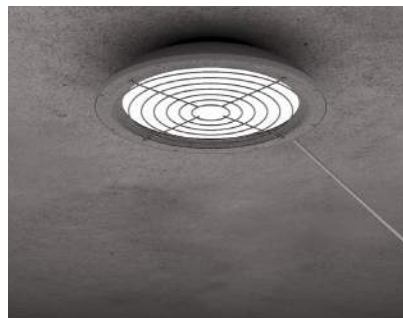
Multiple position trunnion mount adjusts 9" up and down for positioning in 1" increments.
(conduit not included)

ACCESSORIES AND SERVICES



Battery Backup

Integral battery backup option available on SRT2 version.
(conduit not included)



Wire Guard

An optional wire guard can be specified at the factory or as an accessory for field installation.
(conduit not included)



Bird Deterrent

An optional bird shroud deterrent can be specified at the factory or as an accessory for field installation.
(conduit not included)

SRT2 EDGE-LIT

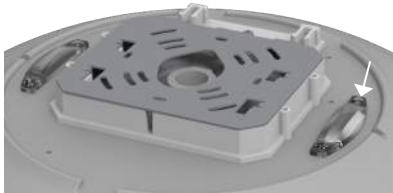
CEILING/SURFACE/GARAGE

DATE: 01/31/23	LOCATION: Ceiling Covered Parking
TYPE: C	PROJECT: 269 Broadway / 2 Osgood Street
CATALOG #:	SRT2 - 50 - 4K7 - 5QW - UNV - WHT - WG

ADDITIONAL INFORMATION CONTINUED

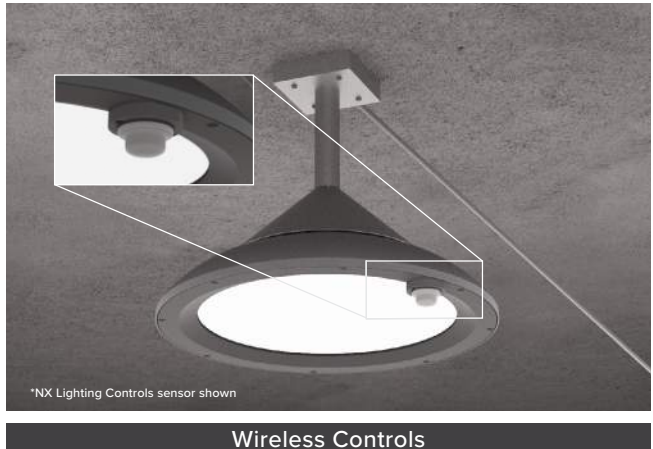
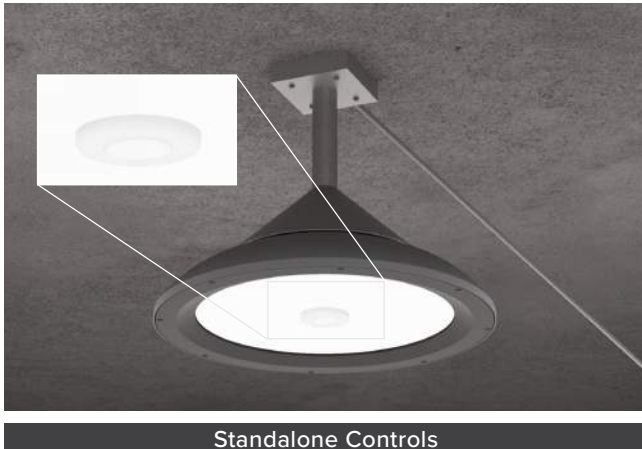
UPLIGHT

Optional uplight module provides 800 lumens of indirect illumination for improved visual quality while eliminating cave effect.



CLEDSJK - Whiteway stem and junction box

CONTROLS



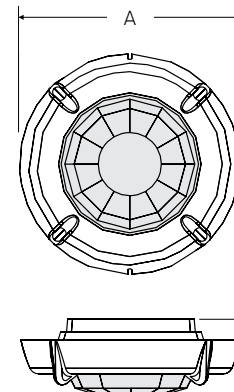
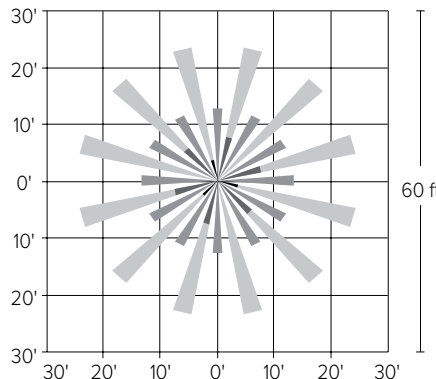
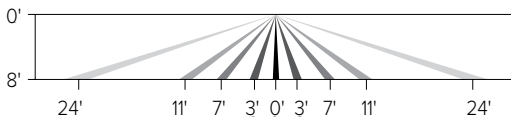
Optional passive infrared sensors are available for basic occupancy and daylight sensing. Programmable via remote or Bluetooth® phone app. (conduit not included)

NX LIGHTING CONTROLS

wiSCAPE™
WIRELESS OUTDOOR LIGHTING SYSTEM

Optional NX Lighting Controls and wiSCAPE® wireless controls are available for SRT2 versions (with or without occupancy sensing). (conduit not included)

SCP-8F



A	B
2.3" (59mm)	.8" (20mm)

SRT2 EDGE-LIT

CEILING/SURFACE/GARAGE

DATE: 01/31/23

LOCATION: Ceiling Covered Parking

TYPE: C

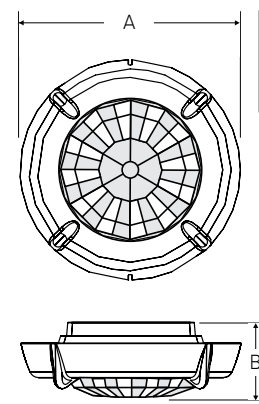
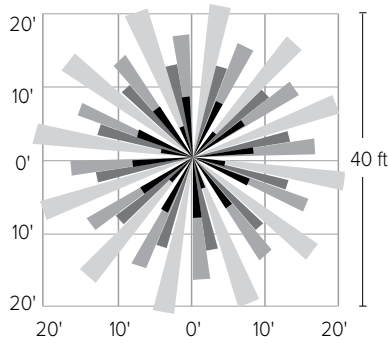
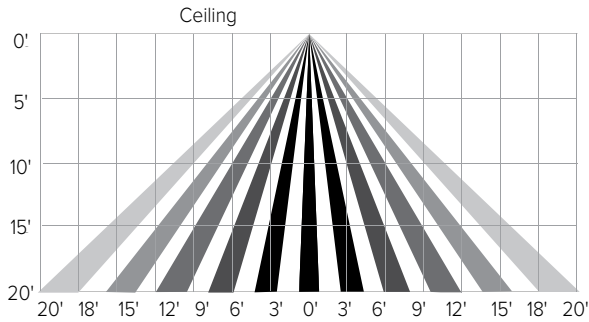
PROJECT: 269 Broadway / 2 Osgood Street

CATALOG #: SRT2 - 50 - 4K7 - 5QW - UNV - WHT - WG

ADDITIONAL INFORMATION CONTINUED

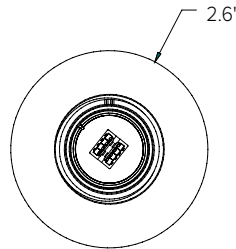
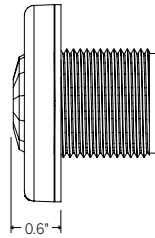
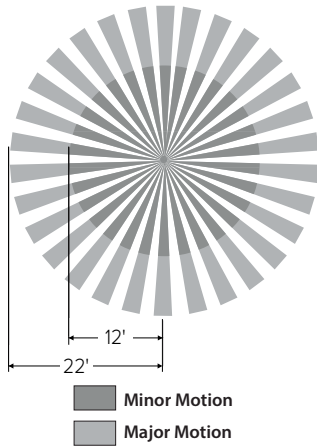
CONTROLS (CONT'D)

SCP-20F



A	B
2.3" (59mm)	.8" (20mm)

NXWS12F AND BTSO12F



Minor Motion
Major Motion

NXSMP2-OMNI Range

FEATURES

- -5° to +10° tilt adjustment
- High performance optics deliver up to 7,500 lumens
- up or down mountable without modification
- Programmable occupancy sensor (dimming)
- NX Lighting Controls
- 130+ lumens per watt
- UL/cUL listed for wet locations, IP66 Listed



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- Optical housing is a one-piece, die-cast low copper (<0.6%) aluminum alloy with integral heat sink. The housing rotates against mounting arm housing to provide -5° to 10° of adjustment with degree markers label. At 0° adjustment, lens is totally concealed from view above horizontal with fixture mounted in the downward position.
- Mounting arm housing is one-piece die-cast, low copper (<0.6%) aluminum alloy with provisions for tilt mechanism. Mounting arm fastens to the mounting plate with keyhole slots freeing both hands for securing and wiring. One stainless steel socket-head screw on the tilt mechanism frees the optical housing to rotate for aiming. Tightening the screws locks the housing and lens frame together with sealing provided by a silicone gasket. For visual aiming, adjustment may be accomplished with the fixture on.
- Lens Frame is a one-piece, die-cast low copper (<0.6%) aluminum alloy with integral cooling fins to dissipate driver thermal.
- Bracketry and hardware shall be stainless steel.
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat

OPTICS

- LEDs mount to a metal printed circuit board assembly (MCPCB).
- Optical lenses are clear injection molded PMMA acrylic.
- Secondary lens is impact resistant 1/8" tempered glass with anti-reflective coating.

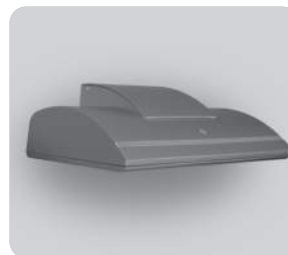
INSTALLATION

- Junction box (by others): Standard with steel, quick-mount junction box plate that mounts directly to 4" J-Box.
- Mounting plate is stainless steel and features a one-piece EPDM gasket on back side of plate to firmly seal fixture to wall surface, forbidding entry of moisture and particulates.
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

SERVICING

- Housing should hang freely in an open service position for inspection of primary wire connections. Once in service position, the housing can be removed for service by sliding the assembly to the left (for down mounting) or to the right (for up mounting) and disconnecting the wiring plugs.
- Driver assembly shall be mounted to a prewired internal tray with quick disconnects for removal.

Wall Director



Wall Director Small

RELATED PRODUCTS

Wall Director
Medium

ELECTRICAL

- Universal voltage, 120 through 277V with a $\pm 10\%$ tolerance. Driver is Underwriters Laboratories listed.
- High voltage configurations, 347/480. Driver has a 0-10V dimming interface for multi-level illumination options. Driver is Underwriters Laboratories listed.
- "Thermal Shield", secondary side, thermistor provides protection for the sustainable life of LED module and electronic components
- Drivers shall have greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments
- Luminaire shall be capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C
- Modular wiring harness in the service area provides user access to the dimming circuitry
- Optional factory programmed dimming profile
- Surge protection: 10,000k in parallel, 20,000k in series
- Wiring: No. 18AWM rated 90°C, wet rating.

(Specifications continued on page 3)

KEY DATA	
Lumen Range	2,855–8,567
Wattage Range	29–74
Efficacy Range (LPW)	89–129
Reported Life (Hours)	L70/60,000
Weight	20 lbs/9.07 kg

ORDERING GUIDE

Example: WDS-D-24L-30-3K7-1-UNV-BLS-PC-EM

CATALOG # WDS - D - 24L - 40 - 4K7 - 3 - UNV - BLS - SCP-20F

HOUSING

WDS	D	24L	D		
Model	Mounting	Source	Wattage	Light Engine	Distribution
WDS WallDirector Small	D Down U ¹ Up	24L 24 LEDs	30 30 Watts, 3000 lm	AM ⁶ Amber-595nm Peak	1 Type I
			40 40 Watts, 4500 lm	3K7 3000K/70CRI	2 Type II
			60 60 Watts, 6000 lm	3K8 3000K/80CRI	3 Type III
			75 75 Watts, 7500 lm	4K7 4000K/70CRI	4W Type IV Wide
				4K8 4000K/80CRI	4F Type IV Forward
				5K7 5000K/70CRI	WG ² Wall Graze
					SP Spot/Column
					FTD ² Forward Throw Diffuse
					WTD ² Wide Throw Diffuse

UNV	BLS			
Voltage	Fixture Finish	Control Options	Options	Control Accessories
UNV 120-277V	BLS Black Gloss Smooth	PC ³ Button Photocell	EM ³ Integral Battery Backup Unit (8W)	SCPREMOTE SCP configuration tool
347 ^{3,10} 347V	BLT Black Matte Textured	SCP-8F ^{3,4,5,9} Programmable Occ. Sensor (<9' height)	SF Single Fuse & Fuse holder	
480 ^{3,10} 480V	DBS Dark Bronze Gloss Smooth	SCP-20F ^{3,4,5,9} Programmable Occ. Sensor (9' - 20' height)	DF Double Fuse & Fuse holder	
	DBT Dark Bronze Matte Textured	NXW ^{4,5} NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	SCM1 1/2" Surface Conduit Mount	
	GTT Graphite Matte Textured		SCM2 3/4" Surface Conduit Mount	
	LGS Light Grey Gloss Smooth			
	LGT Light Grey Matte Textured			
	PSS Platinum Silver Gloss Smooth			
	VGT Verde Green Matte Textured			
	WHS White Gloss Smooth			
	WHT White Matte Textured			
	Color Option			
	CC ⁸ Custom Color			

Notes:

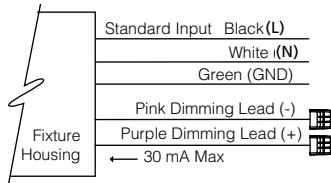
- 1 Not available with EM option or with SCP sensor options.
- 2 WG, FTD, and WTD come with a diffused lens
- 3 Not available with other control options
- 4 Input voltage 120-347V
- 5 Not available in 480V
- 6 Turtle friendly
- 8 Consult factory for custom color, marine and corrosive finish options
- 9 SCPREMOTE SCP configuration tool needed.
- 10 Not available with 30 watt or 40 watts

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SPECIFICATIONS (CONT')

DIMMING:

- Dimming range from 100% to 10% through the use of the standard 0-10V interface on the programmable driver.



- Modular wiring harness in the service area provides user access to the dimming circuitry.
- Dimming circuitry compatible with 0-10V, user-defined control devices.
- Optional factory programmed dimming profile.

BUTTON PHOTOCELL

- Optional universal voltage (120-277V) button photocontrol for dusk to dawn energy savings. Photocontrol is factory installed inside the housing with a fully gasketed sensor on the side wall. For multiple fixture mountings, one fixture is supplied with a photocell to operate the others.

NX LIGHTING CONTROLS

NX lighting controls platform utilizes a Distributed Network Architecture (DNA) that connects intelligent devices including luminaires, controllers, panels, occupancy sensors, photocells, wall switches and dimmers, creating a system with an unmatched level of reliability, scalability and simplicity

OPTIONAL FUSING:

- SF for 120, 277, and 347 Line volts
- DF for 208, 240, and 480 Line volts
- High temperature fuse holders factory installed inside the fixture housing.
- Fuse is included.

OPTIONAL BACKUP BATTERY

- Integral battery backup provides emergency path of egress lighting for the required 90 minutes for 0°C ambient.

CAUTION:

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

CERTIFICATIONS AND LISTINGS

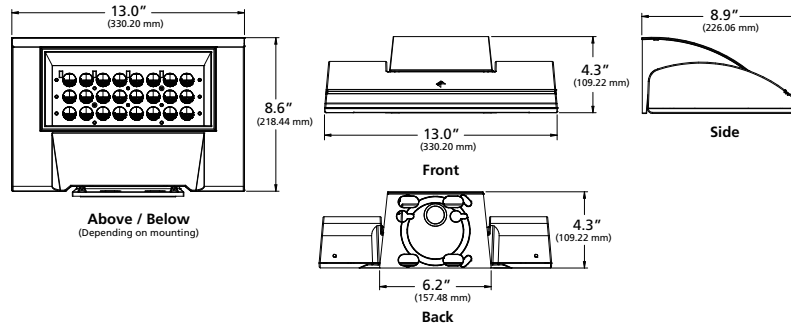
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures

- IEC 66262 Mechanical Impact Code IK08
- IP66 certified
- RoHS compliant
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/16/2020. See Buy American Solutions.

WARRANTY

- 5 year warranty

DIMENSIONS



Weight: 20 lbs

DELIVERED LUMENS

LEDs #	Drive Current	Lumens Package	Nominal Watts	Lens Options	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
						Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
							B	U	G			B	U	G			B	U	G	
24L	350mA	3,000	30	Clear	1	3433	1	0	0	119	3519	1	0	0	122	3560	1	0	0	123
					2	3351	1	0	1	116	3436	1	0	1	119	3475	1	0	1	120
					3	3340	1	0	1	116	3424	1	0	1	119	3463	1	0	1	120
					4F	3343	1	0	1	116	3427	1	0	1	119	3466	1	0	1	120
					4W	3267	1	0	1	113	3349	1	0	1	116	3387	1	0	1	117
					SP	3600	3	0	0	125	3691	3	0	0	128	3733	3	0	0	129
				Diffused	WG	3144	1	0	1	109	3223	2	0	1	112	3260	2	0	1	113
					FTD	2855	1	0	1	99	2927	1	0	1	101	2960	1	0	1	103
					WTD	3151	1	0	1	109	3230	1	0	1	112	3267	1	0	1	113
	500mA	4,500	40	Clear	1	4593	1	0	0	111	4708	1	0	0	113	4762	1	0	0	115
					2	4484	1	0	1	108	4596	1	0	1	111	4649	1	0	1	112
					3	4468	1	0	1	108	4581	1	0	1	110	4633	1	0	1	112
					4F	4472	1	0	1	108	4585	1	0	1	110	4637	1	0	1	112
					4W	4370	1	0	2	105	4480	1	0	2	108	4531	1	0	2	109
					SP	4817	3	0	0	116	4938	3	0	0	119	4994	3	0	0	120
				Diffused	WG	4206	2	0	1	101	4312	2	0	1	104	4361	2	0	1	105
					FTD	3819	1	0	1	92	3915	1	0	1	94	3960	1	0	1	95
					WTD	4215	1	0	1	102	4321	1	0	1	104	4371	1	0	1	105

DELIVERED LUMENS (CONTINUED)

LEDs #	Drive Current	Lumens Package	Nominal Watts	Lens Options	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
						Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
							B	U	G			B	U	G			B	U	G	
24L	725mA	6,000	60	Clear	1	6333	1	0	1	108	6492	1	0	1	111	6566	1	0	1	112
					2	6182	1	0	1	106	6338	1	0	1	108	6410	1	0	1	110
					3	6161	1	0	2	105	6316	1	0	2	108	6388	1	0	2	109
					4F	6166	1	0	2	105	6321	1	0	2	108	6393	1	0	2	109
					4W	6025	1	0	2	103	6177	1	0	2	106	6248	1	0	2	107
					SP	6641	4	0	0	114	6808	4	0	0	116	6886	4	0	0	118
				Diffused	WG	5800	2	0	1	99	5945	2	0	1	102	6013	2	0	1	103
					FTD	5266	1	0	1	90	5398	2	0	1	92	5460	2	0	1	93
					WTD	5812	1	0	1	99	5958	1	0	1	102	6026	1	0	1	103
	925mA	7,500	75	Clear	1	7879	1	0	1	106	8077	1	0	1	109	8170	1	0	1	110
					2	7692	1	0	1	104	7885	1	0	1	107	7975	1	0	2	108
					3	7665	1	0	2	104	7858	1	0	2	106	7948	1	0	2	107
					4F	7672	1	0	2	104	7865	1	0	2	106	7955	1	0	2	107
					4W	7497	1	0	2	101	7685	1	0	2	104	7773	1	0	2	105
					SP	8263	4	0	0	112	8471	4	0	0	114	8567	4	0	0	116
				Diffused	WG	7216	3	0	1	98	7397	3	0	1	100	7482	3	0	1	101
					FTD	6552	2	0	1	89	6717	2	0	1	91	6793	2	0	2	92
					WTD	7231	2	0	1	98	7413	2	0	1	100	7498	2	0	1	101

PHOTOMETRY

WDS-D-24L-75-4K7-1

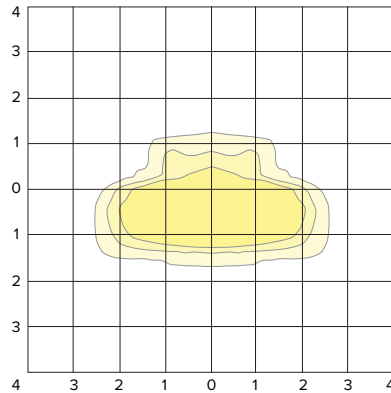
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	8077
Watts	74
Efficacy	109.1
IES Type	I
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	7166	88.7%
Downward House Side	912	11.3%
Downward Total	8077	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	8077	100%

ISOFOOT CANDLE PLOT



WDS-D-24L-75-4K7-2

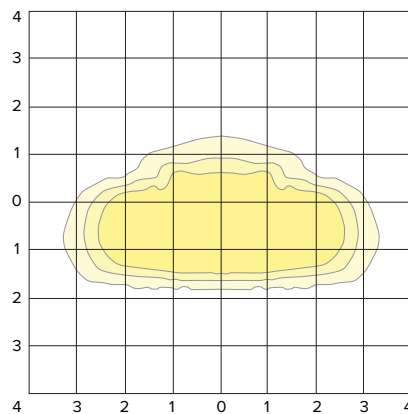
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7885
Watts	74
Efficacy	106.6
IES Type	II
BUG Rating	B1-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6393	81.1%
Downward House Side	1492	18.9%
Downward Total	7885	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	7885	100%

ISOFOOT CANDLE PLOT



WDS-D-24L-75-4K7-3

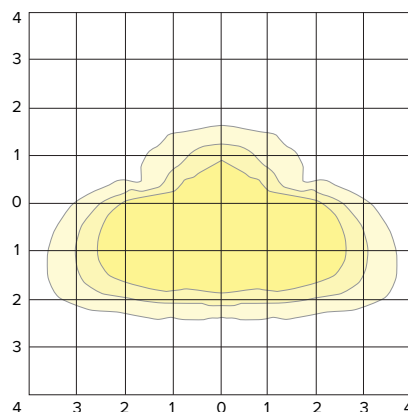
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7858
Watts	74
Efficacy	106.2
IES Type	III
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6551	83.4%
Downward House Side	1307	16.6%
Downward Total	7858	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	7858	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

WDS-D-24L-75-4K7-4F

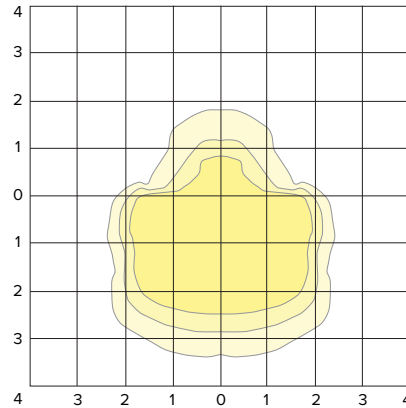
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7865
Watts	74
Efficacy	106.3
IES Type	III
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6782	86.2%
Downward House Side	1083	13.8%
Downward Total	7865	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	7865	100%

ISOFOOT CANDLE PLOT



WDS-D-24L-75-4K7-4W

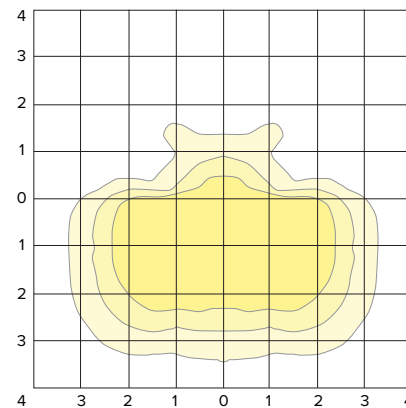
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7685
Watts	74
Efficacy	103.9
IES Type	III
BUG Rating	B1-U0-G2
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	6794	88.4%
Downward House Side	892	11.6%
Downward Total	7685	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	7685	100%

ISOFOOT CANDLE PLOT



WDS-D-24L-75-4K7-FTD

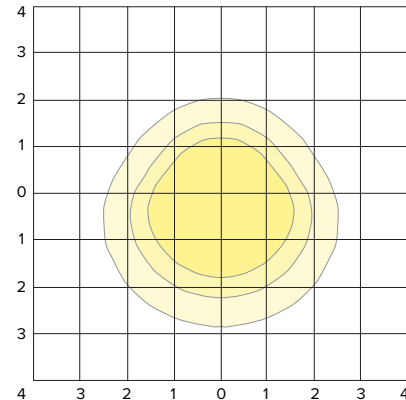
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	6717
Watts	74
Efficacy	90.8
IES Type	III
BUG Rating	B2-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4462	66.4%
Downward House Side	2255	33.6%
Downward Total	6717	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	6717	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

WDS-D-24L-75-4K7-SP

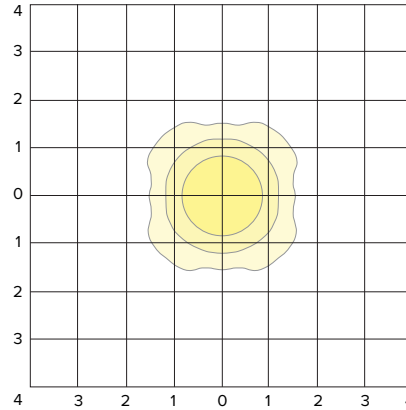
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	8471
Watts	74
Efficacy	114.5
IES Type	VS
BUG Rating	B4-U0-G0
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4236	50.0%
Downward House Side	4236	50.0%
Downward Total	8471	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	8471	100%

ISOFOOT CANDLE PLOT



WDS-D-24L-75-4K7-WG

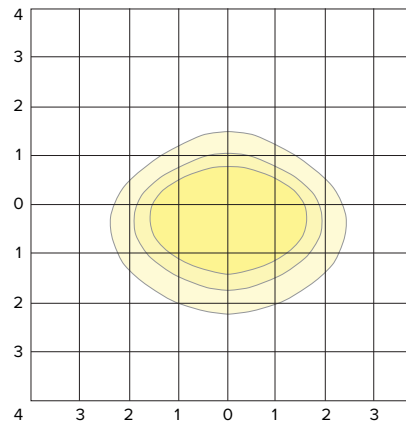
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7396
Watts	74
Efficacy	99.9
IES Type	I
BUG Rating	B3-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	4931	66.7%
Downward House Side	2465	33.3%
Downward Total	7396	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	7396	100%

ISOFOOT CANDLE PLOT



WDS-D-24L-75-4K7-WTD

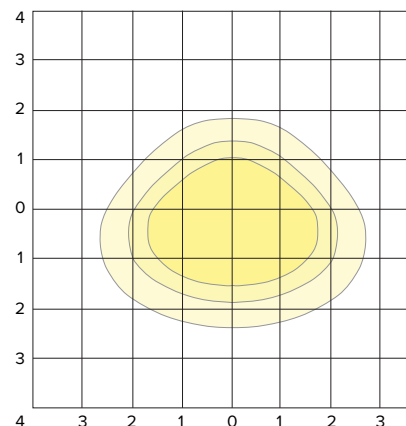
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	7413
Watts	74
Efficacy	100.2
IES Type	I
BUG Rating	B2-U0-G1
Mounting Height	15 ft
Grid Scale	15 ft

ZONAL LUMEN SUMMARY

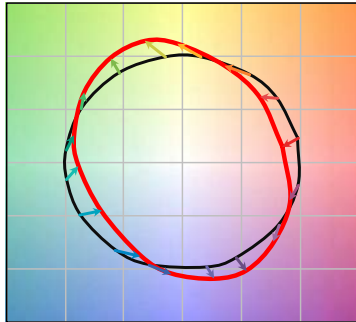
Zone	Lumens	% Luminaire
Downward Street Side	5341	72.1%
Downward House Side	2072	27.9%
Downward Total	7413	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	7413	100%

ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC

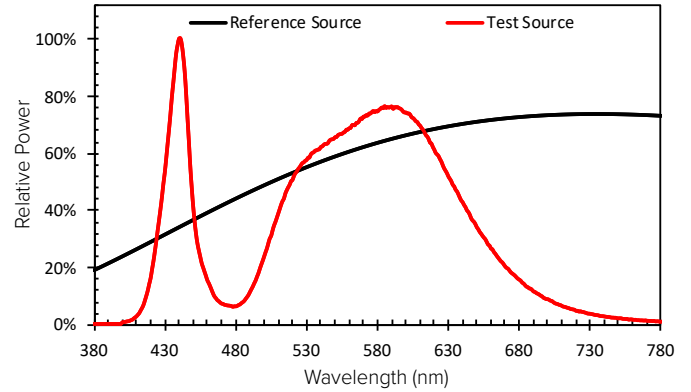


— Reference Illuminant — Test Source

TEST SOURCE

R _f	68
R _a	99
CCT(K)	3947
D _{uv}	0.0004
x	0.3831
y	0.3793
CIE R _a	72

SPECTRAL POWER DISTRIBUTION COMPARISON



ELECTRICAL DATA

												Dimming				
Drive Current	System Watts	Line Voltage		Amps AC						Min. Power Factor	Max THD (%)	Dimming Range	Source current out of 0-10V		Absolute voltage range on 0-10V (+)	
		VAC	Hz	120	208	240	277	347	480				Min	Max	Min	Max
350mA	29	120-480	50/60	0.24	0.14	0.12	0.10	0.08	0.06	>0.9	20	10% to 100%	0mA	1mA	0V	10V
500mA	42			0.38	0.22	0.19	0.16	0.13	0.09							
725mA	59			0.48	0.27	0.24	0.21	0.16	0.12							
925mA	74			0.67	0.39	0.34	0.29	0.23	0.17							

TM-21 Lifetime Calculation - Projected Lumen Maintenance (25°C / 77°C)						
Ambient Temp.	0	25,000	36,000	50,000	100,000	Reported L70
25°C / 77°F	100%	97%	95%	93%	86%	60khrs
40°C / 104°F	100%	92%	89%	86%	75%	

CRI Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
3000K	1	0.9119	0.7033
4000K	1	0.8941	0.734
5000K	1	0.879	0.7712

Amber Multiplier	
CCT	Multiplier
5000K	1
AM	0.1727

2700K Multiplier	
CCT	Multiplier
5000K	1
2700K	0.897

FEATURES

- 30" six sided lantern
- Choice of acrylic, polycarbonate lensing
- IES Distributions
- Clear or diffused lensing
- Integral surge and thermal protection



CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- All cast aluminum parts are low copper alloy A356. All extruded aluminum parts are alloy 6061-T6, 6063-T5 or equal
- All fasteners are Corrosion Resistant. When tamper resistant fasteners are required, spanner HD (snake eye) style is provided (special tool required, available at additional cost)
- The upper chamber/lid is topped by a decorative cast aluminum finial/cap and mechanically fastens to the optical chamber
- The cast multi-sided cage accommodates UV stabilized acrylic or polycarbonate lenses (side panels), sealed for weather tight operation
- The electrical chamber/fitter is an aluminum, decorative fitter designed to accommodate the driver assembly, mounts to 3" OD x 3" H tenon and secured by three stainless steel set screws

ELECTRICAL

- Each luminaire is supplied with an optical one piece cartridge system consisting of an LED engine, optics, gasket and stainless steel bezel. The cartridge is held together with internal brass standoffs soldered to the board so that it can be field replaced as a one piece optical system. Two-piece silicone and polycarbonate foam gasket ensure a weather-proof seal around each individual LED and allow the luminaire to be rated for high-pressure hose down applications

ELECTRICAL (CONTINUED)

- The optical cartridge is secured to the extruded housing with fasteners and a heat pad to ensure thermal conductivity. The optics are held in place without the use of adhesives and the complete assembly is gasketed for high pressure hose down cleaning. The cartridge assembly is available in various lighting distributions using a specially designed acrylic optical lens over each LED
- Able to operate normally in ambient temperatures from -40°C to 40°C
- The on-board surge protector is a UL recognized component for the United States and Canada and has a surge current rating of 20,000 Amps using the industry standard 8/20 pSec wave
- The LSP has a clamping voltage of 825V and surge rating of 540J. The case is a high-temperature, flame resistant plastic enclosure
- Luminaires are equipped with LED driver(s) that accept 90 through 305 VAC, 50 Hz to 60 Hz (UNIV). Power factor is .92 at full load
- All driver components supplied are component-to-component wiring within the luminaire, carry no more than 80% of rated current and listed by UL for use at 600VAC at 50°C or higher. Plug disconnects are listed by UL for use at 600 VAC, 15A or higher

CERTIFICATIONS

- U.L. UL1310, Class 2 and UL48 compliant
- The luminaire has an NRTL label and be marked suitable for wet locations

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1700–10,000
Wattage Range	27–136
Efficacy Range (LPW)	59–76
Weight lbs. (kg)	40 (18)

LAJ30

30" LA JOLLA LUMINAIRE

DATE: 01/31/23	LOCATION: Post Lamps
TYPE: E	PROJECT: 269 Broadway / 2 Osgood Street
CATALOG #: LAJ20-AW-24L-27-3K7-UNV-Dir2-Geni-01-PT-BLS	

ORDERING GUIDE

Example: LAJ30-AC-24L-27-3K7-UNV-Dir2-Geni-XX-PT-BLT

CATALOG # LAJ20-AW-24L-27-3K7-UNV-Dir2-Geni-01-PT-BLS

LAJ30	AW	24L - 27	3K7	UNV	Dir2
Model	Lens Option	Engine-Watts	CCT/CRI	Voltage	Optics
LAJ30 La Jolla 30"	AC Acrylic, clear AS Acrylic, seeded AW Acrylic, white PC Polycarbonate, clear PF Polycarbonate, frosted	24L-27 27 Watts - LED array 36L-80 80 Watts - LED array 48L-110 100 Watts - LED array 60L-136 136 Watts - LED array	3K7 3000K, 70 CRI 4K7 4000K, 70 CRI 5K7 5000K, 70 CRI	UNV 120-277V 347 347V 480 480V	Dir2 Direct, Type II Dir3 Direct, Type III Dir4 Direct, Type IV Dir5 Direct, Type V

PEC	GENI-XX	PT	Color
Electrical Options	Control Options	Mounting Options	
PEC Photocell, button	GENI-XX Energeni ¹	PT Post Top	BLT Black Matte Textured BLS Black Gloss Smooth DBT Dark Bronze Matte Textured DBS Dark Bronze Gloss Smooth GTT Graphite Matte Textured LGS Light Grey Gloss Smooth PSS Platinum Silver Smooth WHT White Matte Textured WHS White Gloss Smooth VGt Verde Green Textured Color Option CC Custom Color

Notes:
 1 When ordering Energeni, specify the routine setting code (example GENI-04). See Energeni brochure and Energeni instructions for setting table and options. Not available with sensor options

PERFORMANCE DATA

		5K (5000K nominal, 70CRI)						4K (4000K nominal, 70CRI)					3K (3000K nominal, 70CRI)				
# LED'S	120-277V	Type	Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G	Lumens	LPW ¹	B	U	G
24	27	Dir2	1784	66	1	1	1	1819	67	1	1	1	1637	61	1	1	1
		Dir3	1892	70	1	2	1	1930	71	1	2	1	1737	64	1	2	1
		Dir4	1892	70	1	2	1	1930	71	1	2	1	1737	64	1	2	1
		Dir5	1954	72	2	2	1	1993	74	2	2	1	1794	66	1	2	1
24	55	Dir2	3640	64	1	1	2	3713	65	1	1	2	3341	59	1	1	2
		Dir3	3861	68	1	3	2	3939	69	1	3	2	3545	62	1	3	2
		Dir4	3861	68	1	3	2	3938	69	1	2	1	3544	62	1	2	1
		Dir5	3967	70	3	3	2	4047	71	3	3	2	3642	64	2	3	2
36	80	Dir2	5460	67	2	1	2	5569	68	2	1	2	5012	61	1	1	2
		Dir3	5792	71	2	3	3	5908	72	2	3	3	5317	65	1	3	3
		Dir4	5791	71	1	2	2	5907	72	1	2	2	5316	65	1	2	2
		Dir5	5951	73	3	3	3	6070	74	3	3	3	5463	67	3	3	3
48	110	Dir2	7280	66	2	1	2	7425	67	2	1	3	6683	60	2	1	2
		Dir3	7723	70	2	3	3	7877	71	2	3	3	7090	64	2	3	3
		Dir4	7721	70	1	3	2	7876	71	1	3	2	7088	64	1	3	2
		Dir5	7935	71	3	3	3	8093	73	3	3	3	7284	66	3	3	3
60	136	Dir2	9100	67	2	1	3	9282	68	2	1	3	8354	61	2	1	3
		Dir3	9653	72	2	3	3	9846	74	2	3	3	8862	66	2	3	3
		Dir4	9652	71	1	2	3	9845	73	1	2	3	8859	65	1	2	3
		Dir5	9918	74	4	3	3	10116	76	4	3	3	9105	68	3	3	3

LAJ30

30" LA JOLLA LUMINAIRE

DATE: 01/31/23

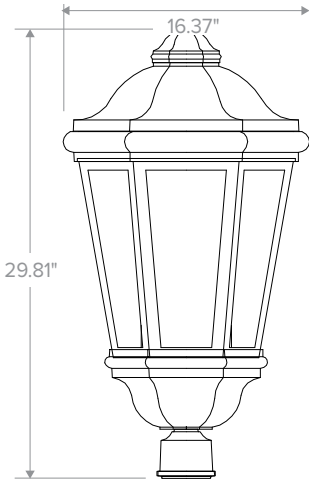
LOCATION: Post Lamps

TYPE: E

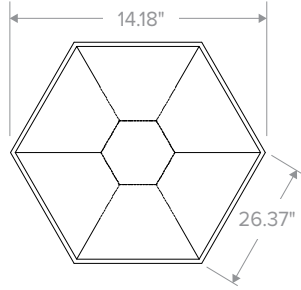
PROJECT: 269 Broadway / 2 Osgood Street

CATALOG #: LAJ20-AW-24L-27-3K7-UNV-DIR2-GENI-01-PT-BLS

DIMENSIONS



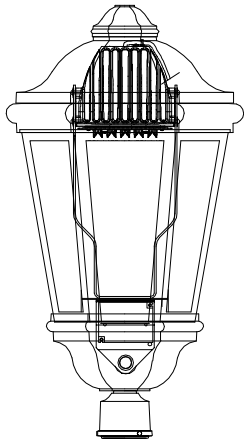
Side View



Top View

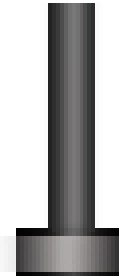
ADDITIONAL INFORMATION

MOUNTING OPTIONS



Post Top

AAL Poles



SPECIFICATIONS

CONSTRUCTION

- Base casting shall be heat treated to a T-6 condition, and of uniform wall thickness, with no warping or mold shifting.

WARNINGS

- Caution must be exercised in the selection of a design wind speed when the pole is to be installed in a special wind region (as indicated by the wind map) or in an area where wind speed is unpredictable.
- AAL recommends consulting a local engineer when the pole is to be installed in an area that may be subject to extreme weather and exposure.
- Poles installed on structures such as buildings and bridges may be subjected to vibration, oscillations, and other fatigue effects which are not covered by the AAL warranty.
- The use of banners or other appendages can severely affect the loading of a pole. No banner or other appendage should be attached to an AAL pole unless approved by AAL.
- If the products are to be used on an existing foundation or on other structures, the customer assumes all responsibility for the structural integrity of the existing foundation, anchorage or structures and all the consequences arising therefrom.

CAUTION

- Poles should never be erected without the luminaire installed.
- Anchor bolts shall be hot dip galvanized steel. Eight galvanized hex nuts and flat washers, and a bolt circle template shall be provided. Anchor bolt for poles are 3/4" x 24" x 3".

CERTIFICATION

- Certified UL 1598 in accordance with Article 410 of ANSI/NFPA 70, National Electrical Code.

ORDERING GUIDE

Example: PR4-4R12-125-PCR-GFI-SBC-PTF-BLT

CATALOG # PR4 - 4R10-125 - L

POLE

PR4	4R10-125	LR	PCR	GFI	SBC	BLS
Series	Shaft	Options	Control	Receptacle	Base	Finish
PR4 4" Round Pole	4R8-125 4R8-125 4R10-125 4R10-125 4R12-125 4R12-125 4R14-125 4R14-125 4R16-125 4R16-125 4R8-226 4R8-226 4R10-226 4R10-226 4R12-226 4R12-226 4R14-226 4R14-226 4R16-226 4R16-226 4R18-226 4R18-226 4R20-226 4R20-226	LR Ladder Rest	PCR Photocontrol Receptacle PHC-120V Button Type Photocell, 120V PHC-208V Button Type Photocell, 208V PHC-240V Button Type Photocell, 240V PHC-277V Button Type Photocell, 277V SCP Sensor Control Programmable 120-277V SCP-347V Sensor Control Programmable 347V SCP-480V Sensor Control Programmable 480V	GFI GFI Receptacle DRB Duplex Receptacle RBC Receptacle Box Cover	SBC 1-piece Cover 2PCBC 2-piece Cover BC1 12.75"Ø x 8.25"H 1pc. Cover BC2 12.75"Ø x 16.25"H 3pc. Cover BC5 14"Ø x 24"H 2pc. Cast Cover BC6 17"Ø x 13"H 2pc. Cast Cover BC7 18"Ø x 30"H 3pc. Cast Cover BC8 12"Ø x 36"H 2pc. Cast Cover ACBCR 14"Ø x 18" Arts & Crafts® Round 3pc. Cast Cover HB Hinged Base	BLS Black Gloss Smooth BLT Black Matte Textured DBS Dark Bronze Gloss Smooth DBT Dark Bronze Matte Textured GTT Graphite Matte Textured LGS Light Grey Gloss Smooth LGT Light Grey Matte Textured PSS Platinum Silver Gloss Smooth VGT Verde Green Matte Textured WHS White Gloss Smooth WHT White Matte Textured Color Option CC¹ Custom Color

PTF
Mounting
TEN Tenon, 2 3/8" Ø x 4"H
TEN3 Tenon, 3" Ø x 3"H
1A Single Side Arm
2B Double Side Arm
PTF Post Top Fixture
PTA Post Top Arm
PTAD Post Top Adaptor
ND No Drilling

Notes:

1 Consult factory for custom color, marine and corrosive finish

Maximum Allowable EPA (MPH)													
Series	SHAFT	OAH	SHAFT	WT	85	90	100	110	120	130	140	150	
PR4	4R8-125	8' (2.4m)	4" RD x .125"	22	12.3	10.9	8.7	7.0	5.7	4.8	4.1	3.6	
PR4	4R10-125	10' (3.1m)	4" RD x .125"	25	9.1	8.0	6.3	4.9	4.0	3.3	2.8	2.4	
PR4	4R12-125	12' (3.7m)	4" RD x .125"	28	6.9	6.0	4.5	3.4	2.6	2.1	1.8	1.5	
PR4	4R14-125	14' (4.3m)	4" RD x .125"	32	5.2	4.4	3.2	2.3	1.5	1.2	1.0	0.8	
PR4	4R16-125	16' (4.9m)	4" RD x .125"	35	3.9	3.2	2.1	1.3	0.8	0.5	0.4	0.2	
PR4	4R8-226	8' (2.4m)	4" RD x .226"	32	21.5	19.2	15.5	12.7	10.6	9.0	7.7	6.7	
PR4	4R10-226	10' (3.1m)	4" RD x .226"	38	16.5	14.6	11.7	9.4	7.8	6.6	5.6	4.8	
PR4	4R12-226	12' (3.7m)	4" RD x .226"	44	13.0	11.4	9.0	7.2	5.8	4.9	4.1	3.5	
PR4	4R14-226	14' (4.3m)	4" RD x .226"	51	10.3	9.1	7.0	5.4	4.3	3.6	3.0	2.5	
PR4	4R16-226	16' (4.9m)	4" RD x .226"	57	8.3	7.2	5.4	4.1	3.1	2.5	2.1	1.8	
PR4	4R18-226	18' (5.5m)	4" RD x .226"	63	6.6	5.6	4.1	2.9	2.1	1.6	1.3	1.0	
PR4	4R20-226	20' (6.2m)	4" RD x .226"	70	5.1	4.3	3.0	1.9	1.2	0.9	0.6	0.4	

DIMENSIONS

