BEACON
design . performance . technology

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

SRT1 EDGE-LIT
CEILING/SURFACE/GARAGE

DRIVE EDGE·LIT

FEATURES

- For ceiling mount and parking garage applications from an 8–15 foot mounting height

- Edge-lit flat lens for optimal visual comfort and uniformity across the lens

- Two optical distributions specifically design for parking garage and canopy applications are available making the Beacon Edge-Lit luminaire both versatile and functional

- UL/cUL listed for wet locations, IP65 and 3G vibration rated

- Occupancy sensor available for complete on/off and dimming operation

RELATED PRODUCTS

Drive Edge-Lit SRT2   Orbeon   Viper Small

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 2500–6000

- Two distribution types: Type 5 Square Wide, Type 5 Concentrated

- 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 available

- 0–10V dimming drivers are RoHS compliant

- Surge protection – Standard 10kA with optional end of life LED indicator

INSTALLATION
- Standard quick mount plate over standard 4" junction box or octagonal junction box and allows for simplified fixture installation.

- Standard luminaire accepts a rigid or free-swinging 3/4" NPT stem for pendant mounting via wet location j-box (by others)

- Optional bird deterrent shroud available for field installation

OPTIONS/CONTROLS
- Standalone occupancy sensor available for on/off or dimming operation

- Uplight option provides approximately 800 lumens and consumes only 8 additional watts

- Vandal resistant wire guard available as an option for factory installation or as an accessory for field installation.

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

WARRANTY
- 5 year warranty

- See HLI Standard Warranty for additional information

KEY DATA	
Lumen Range	3000–6800
Wattage Range	20–55
Efficacy Range (LPW)	99–118
Reported Life (Hours)	L70>262K
Weight lbs. (kg)	8 (3.6)

HUBBELL Lighting

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ORDERING GUIDE

Example: SRT1-35-3K7-5QW-UNV-BLT-WG

CATALOG # ___ – ___ – ___ – ___ – ___ – ___ – ___

Series		Engine		CCT		Distribution		Voltage		Color/Finish		Options	
SRT1	Edge-Lit Parking Garage Size 1	20	20W Nominal 2500 lm	3K7	3000K, 70 CRI	5QW	Type 5 Square Wide	UNV	120V-277V	BLT	Black Matte Textured	CD	Continuous Dimming[4]
		35	35W Nominal 4000 lm	3K8	3000K, 80 CRI	5C	Type 5 Concentrated	120	120V	BLS	Black Gloss Smooth	WG	Wire Guard
		55	55W Nominal 6000 lm	35K7	3500K, 80 CRI			208	208V	DBT	Dark Bronze Matte	UD	Uplight Module[3]
				4K7	4000K, 70 CRI			240	240V	DBS	Dark Bronze Gloss Smooth	F	Single Fuse (120, 277)[1]
				4K8	4000K, 80 CRI			277	277V	GTT	Graphite Matte Textured	LD3	36" Lead Length[2]
				5K7	5000K, 70 CRI					LGS	Light Grey Gloss Smooth	LD6	72" Lead Length[2]
										PSS	Platinum Silver Smooth	LD9	108" Lead Length[2]
										WHT	White Matte Textured	SP10K	10kA Surge Protection with End of Life LED Indicator[3]
										WHS	White Gloss Smooth	LMB	Less Mounting Bracket
										VGT	Verde Green Textured		
										Color Option			
										CC	Custom Colors		

Control Options

NX Standalone

NXOS12F	NX Distributed Intelligence™, PIR Occ. Sensor, Dimming Daylight Harvesting, up to 12' MH

Sensor Controls

SCP-8F	Remote control programmable line voltage sensor (8-12' recommended mounting height)
SCP-20F	Remote control programmable line voltage sensor (12-20' recommended mounting height)

Accessories (Order Separately)

☐	SRT1-WG	Wire Guard
☐	SRT-MB	Mounting bracket for pre-installation
☐	SRT1-BRD	Bird deterrent shroud for SRT1 version, not available with uplight
☐	SCP-REMOTE	Remote control for SCP option; order at least on per project to program and control

Notes:
1. Must specify voltage
2. Standard wire lead length 24"
3. SP10K LED indicator not available with uplight
4. Specify when using external 0-10V dimming system

PERFORMANCE DATA

Nominal Watts	Nominal Lumens	Distribution	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
20	3000	5C	3093	136.86	1	0	1	3078	136.21	1	0	1	2960	130.97	1	0	1
		5QW	2974	131.60	1	0	1	2960	130.97	1	0	1	2846	125.93	1	0	1
35	4500	5C	4757	131.05	2	0	1	4734	130.4 2	2	0	1	4552	125.41	2	0	1
		5QW	4574	126.01	2	0	1	4552	125.41	2	0	1	4377	120.58	2	0	1
55	6500	5C	6814	127.13	2	0	1	6782	126.52	2	0	1	6521	121.66	2	0	1
		5QW	6552	122.24	3	0	1	6521	121.66	3	0	1	6270	116.98	3	0	1

ELECTRICAL DATA

Nominal Watts	System Watts	Line Voltage		AMPS AC				Dimming Range	Absolute Voltage Range on 0-10V (+)	
		VAC	HZ	120	208	240	277		VAC	HZ
20	21.6	120-277	50/60	0.18	0.10	0.09	0.08	10% to 100%	0V	10V
35	34.6	120-277	50/61	0.29	0.17	0.14	0.12	10% to 100%	0V	10V
55	54.9	120-277	50/62	0.46	0.26	0.23	0.20	10% to 100%	0V	10V

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PROJECTED LUMEN MAINTENANCE

TM-21 Lifetime Calculations - Projected Lumen Maintenance (25°C/77°F)							
Hours	0	25,000	36,000	50,000	100,000	Reported L70	Calculated L70
Project Lumen Maintenance	100%	0.97	0.94	0.93	0.88	> 60,000	> 262,000

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
50°C	122°F	0.97

DIMENSIONS
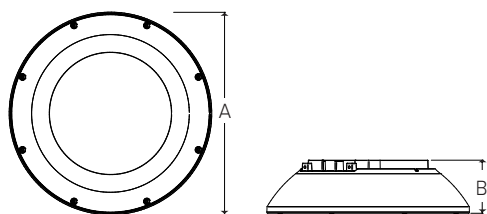
A	B	Weight
12" (304mm)	3.1" (78mm)	8lbs (3.6kg)

ADDITIONAL INFORMATION

FINISH OPTIONS

DB Dark Bronze Textured   **BL** Black Textured   **PS** Platinum Silver Smooth   **GYS** Gray Smooth   **WH** White Textured   **GT** Graphite Textured

Wire Guard

An optional wire guard can be specified at the factory or as an accessory for field installation.
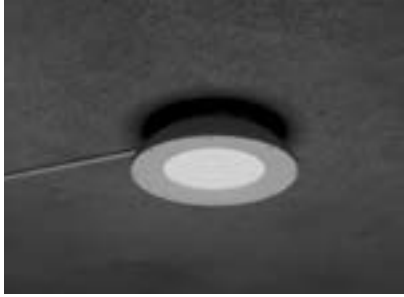
Bird Deterrent

An optional bird shroud deterrent can be specified at the factory or as an accessory for field installation.

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ADDITIONAL INFORMATION (CONT'D)
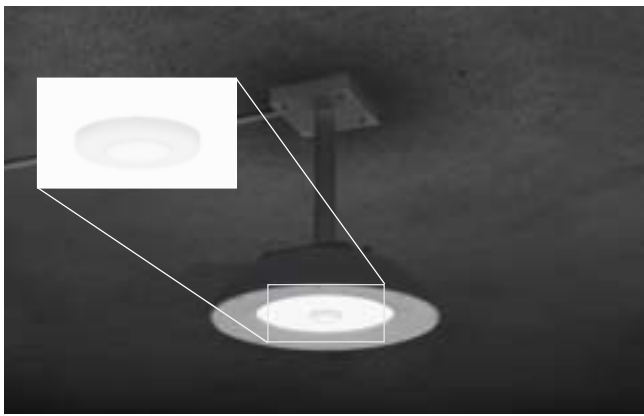
MOUNTING

Surface Mount

Mounting plate with "quick mount" hanger for one person simple installation.

Pendant Mount

Standard 3/4" threaded entry for pendant applications.

CONTROLS

Standalone Controls

Optional passive infrared sensors are available for basic occupancy and daylight sensing. Programmable via remote or Bluetooth® phone app.
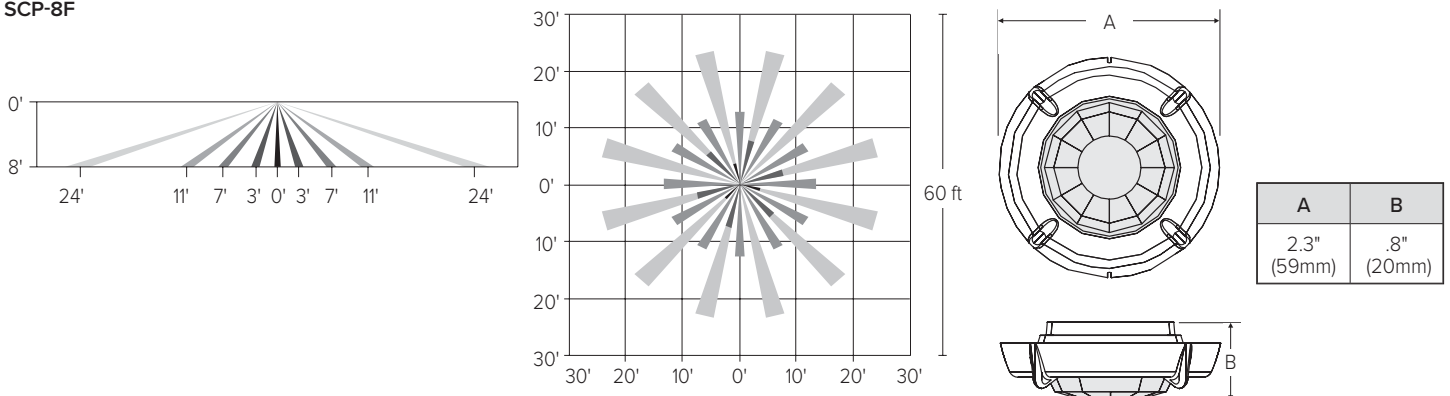

Uplight

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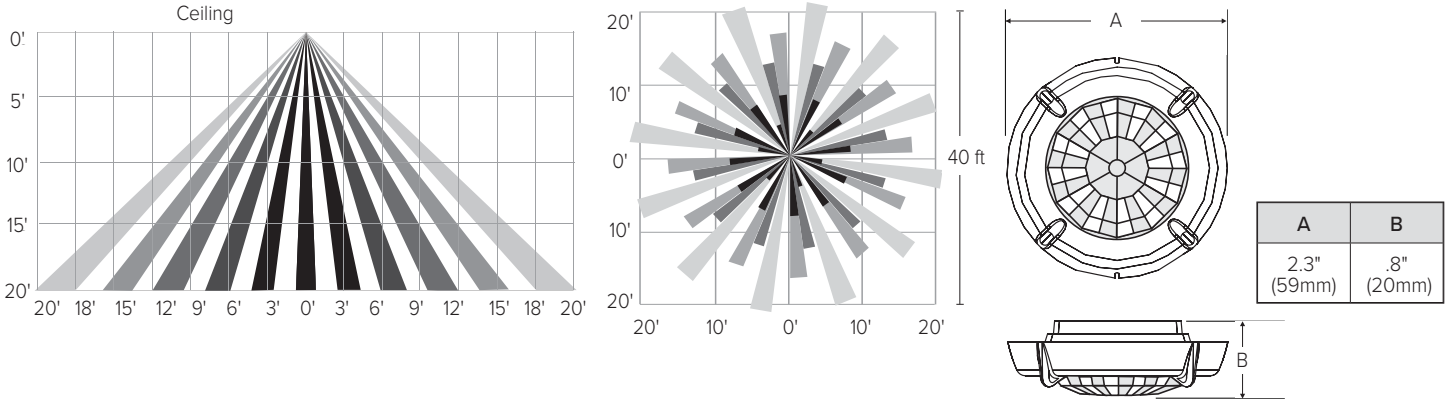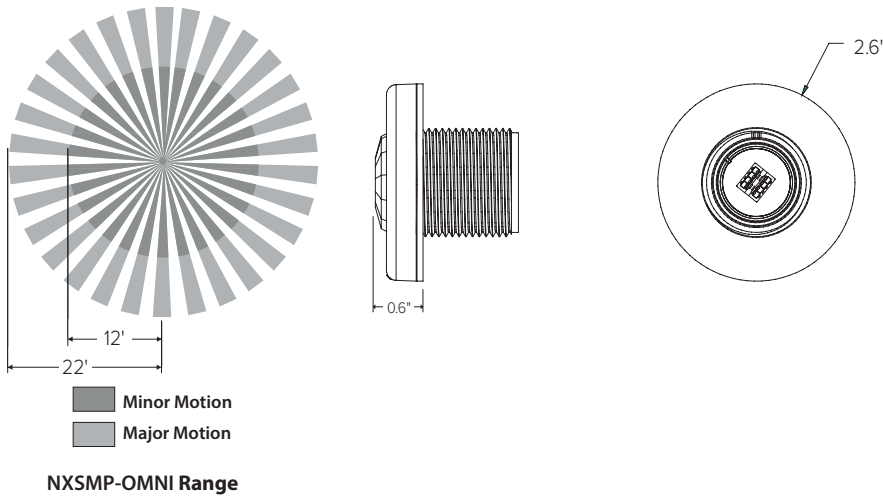

SCP-8F

60 ft

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

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ADDITIONAL INFORMATION (CONT'D)

CONTROLS (CONT'D)

SCP-20F

Ceiling

40 ft

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

NXOS12F

2.6"

0.6"

12'

22'

Minor Motion

Major Motion

NXSMP-OMNI Range

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