

STELLR

PROJECT NAME:	TYPE:
---------------	-------

Infinite and dynamic lighting options from a sophisticated surface mount luminaire that allows independent control of two concealed LED sources.

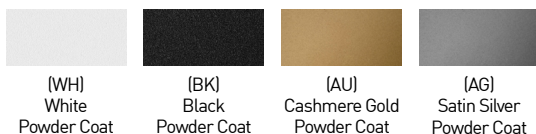


ORDERING INFORMATION



JA8-2019 INDICATED BY SHADING

SERIES	SIZE	FIXTURE TYPE	REFLECTOR COLOR	CANOPY COLOR	DOWNLIGHT LUMEN PACKAGE	WAVEGUIDE LUMEN PACKAGE	OPTIC	WAVEGUIDE	EFFECTS DEVICE	DRIVER	MOUNTING
S	2	C						S			
S STELLR	2 Medium 10.2"	C Ceiling Mount	WH White BK Black AG Satin Silver AU Cashmere Gold CF Custom Finish* <small>*(Consult Factory)</small>	WH White BK Black AG Satin Silver AU Cashmere Gold CF Custom Finish* <small>*(Consult Factory)</small>	STATIC WHITE 8027 80+ CRI, 2700K Divd. Lumens - 1304 8030 80+ CRI, 3000K Divd. Lumens - 1358 8035 80+ CRI, 3500K Divd. Lumens - 1372 8040 80+ CRI, 4000K Divd. Lumens - 1385 9027 90+ CRI, 2700K Divd. Lumens - 1113 9030 90+ CRI, 3000K Divd. Lumens - 1159 9035 90+ CRI, 3500K Divd. Lumens - 1171 9040 90+ CRI, 4000K Divd. Lumens - 1182 WARM DIM 90WD 90+ CRI, 3200K - 1800K Divd. Lumens - 885* <small>*(Required for both sources)</small>	STATIC WHITE 8027 80+ CRI, 2700K Divd. Lumens - 621 8030 80+ CRI, 3000K Divd. Lumens - 675 8035 80+ CRI, 3500K Divd. Lumens - 675 8040 80+ CRI, 4000K Divd. Lumens - 709 9027 90+ CRI, 2700K Divd. Lumens - 561 9030 90+ CRI, 3000K Divd. Lumens - 610 9035 90+ CRI, 3500K Divd. Lumens - 610 9040 90+ CRI, 4000K Divd. Lumens - 641 WARM DIM 90WD 90+ CRI, 3200K - 1800K Divd. Lumens - 608* <small>*(Required for both sources)</small>	15 15° 35 35° 55 55°	S Standard	STANDARD EFFECTS DEVICE 0 No Lens OPTIONAL EFFECTS DEVICE 2 Honeycomb Louver 3 Clear Glass Lens 4 Soft Focus Lens	INTEGRAL PH 1% 120V ELV/TRIAC* <small>*(Sources dim independently, requires independent line voltage)</small> SG 1% 120 or 277V 0-10V Analog, LOG* <small>*(Sources dim independently, requires independent control lines)</small> SN 1% 120 or 277V 0-10V Analog, LIN* <small>*(Sources dim independently, requires independent control lines)</small> DD eldoLED, 120-277V DUALdrive 0.1% DALI, LOG* <small>*(Sources dim independently)</small> EG eldoLED, 120-277V SOLDrive 0.1% 0-10V, LOG* <small>*(Sources dim together)</small> EN eldoLED, 120-277V SOLDrive 0.1% 0-10V, LIN* <small>*(Sources dim together)</small> REMOTE LP Lutron, 120 or 277V Hi-Lume Premier Ecosystem* <small>*(Sources dim independently, requires independent secondary wiring)</small>	J Standard, J-Box Surface Mounting Plate C 1/2" and 3/4" Conduit Ceiling Mount Junction Box* <small>*(Finish specified in canopy color section)</small>
					* DELIVERED LUMEN VALUES REFLECT USE OF THE 35 DEGREE OPTIC AND NO LENS	* DELIVERED LUMEN VALUES REFLECT USE OF THE 35 DEGREE OPTIC AND NO LENS					



PART NUMBER NOTES

- STELLR ships as e.g., S2C-BK BK-9MA18MA1-35S4-SG* J
- Optional remote drivers ship as e.g., PS-S2-RMT-9MAX8MAX-LP*
- CMJB ships as S2-CMJB-(finish)

ACCESSORIES

ALTERNATE EFFECTS DEVICES

- HCL-S2-01** Honeycomb Louver
- CGL-S2-01** Clear Glass Lens
- SFL-S2-01** Soft Focus Lens

REPLACEMENT OPTIC ASSEMBLIES

- RO-S2-15** 15° optic
- RO-S2-35** 35° optic
- RO-S2-55** 55° optic

EMERGENCY LIGHTING - REMOTE MOUNT ONLY

- EMB-S-20/25-120/277-LEDX** 20/25 watt max capacity, 120 or 277 VAC 60Hz, Non-Dimmable
- EMB-S-100-120-LEDX** 100 watt max capacity, 120 VAC 60Hz, Dimmable
- EMB-S-100-277-LEDX** 100 watt max capacity, 277 VAC 60Hz, Dimmable
- EMB-S-250-120/277-LEDX** 250 watt max capacity, 120 or 277 VAC 60Hz, Dimmable

During disruption of main power, emergency battery inverter provides temporary 120V or 277V to fixture.

DOWNLIGHT PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	15° OPTIC / NO LENS		35° OPTIC / NO LENS		55° OPTIC / NO LENS		15° OPTIC / HCL		35° OPTIC / HCL		55° OPTIC / HCL	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
8030	18	1331	74	1358	75	1403	78	945	53	847	47	825	46
9030	18	1136	63	1159	55	1197	66	806	45	723	40	704	39
90WD	14	870	63	885	64	999	72	625	45	603	43	594	43

STATIC WHITE OUTPUT MULTIPLIER		
CCT	80+ CRI	90+ CRI
2700K	1.118	0.960
3000K	1.167	1.000
3500K	1.187	1.014
4000K	1.198	1.015

LIGHT LOSS FACTOR MULTIPLIER	
No Lens	1.00
CGL	1.00
SFL	0.95
HCL	0.60

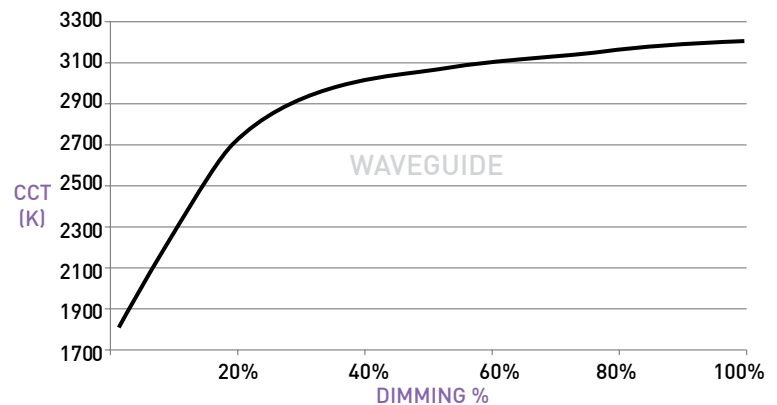
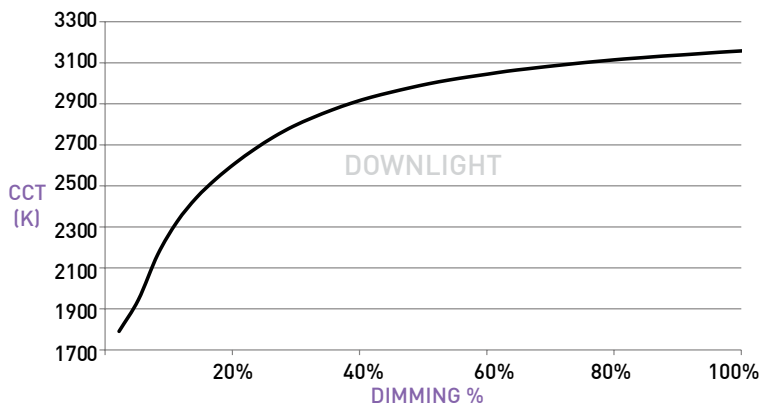
WAVEGUIDE PERFORMANCE

LUMEN PACKAGE	WATTAGE	2700K		3000K		3500K		4000K	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80	16	621	39	675	42	675	42	709	44
90	16	561	35	610	38	610	38	641	40
90WD	17	-	-	608	36	-	-	-	-

WARM DIM PERFORMANCE

DOWNLIGHT - 35° OPTIC / NO LENS	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3200	3150	3100	3000	2700	2200	1800
Light Output (Lm)	885	708	619	442	177	88	17
Power (W)	14	11	10	7	3	1.5	0.3
Efficacy (LPW)	63	63	63	63	63	63	63

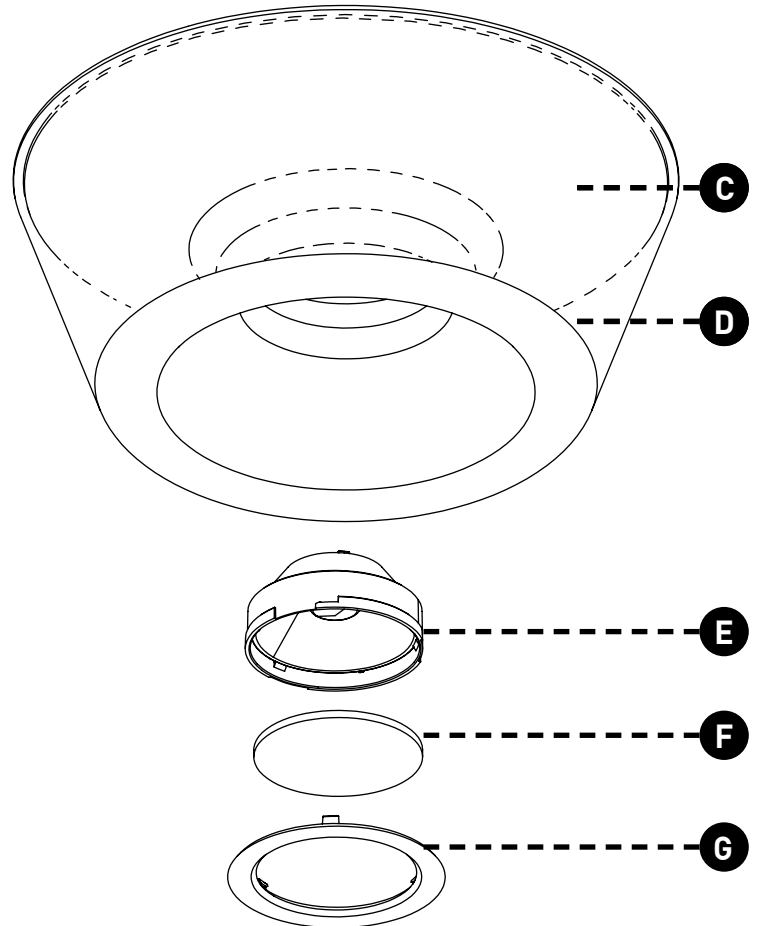
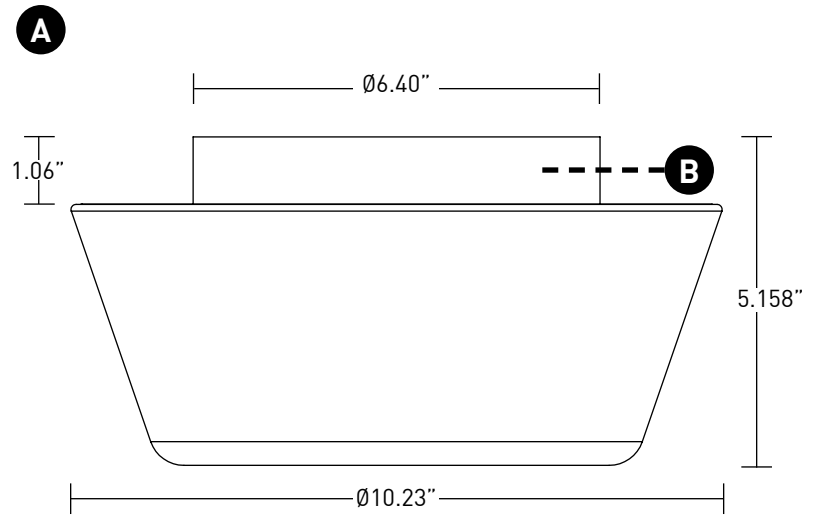
WAVEGUIDE	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3200	3150	3100	3050	2700	2200	1800
Light Output (Lm)	608	486	425	304	121	60	12
Power (W)	17	13	12	9	3	1.7	0.3
Efficacy (LPW)	35	35	35	35	35	35	35



FIXTURE

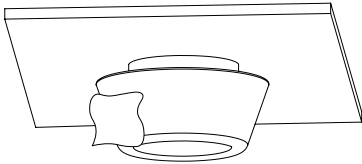
- A LUMINAIRE**
Body with integrated heat sink and LED assemblies. Power supplies may be integral or remote mount.
- B CANOPY**
Conceals hidden twist-on mounting hardware and houses integral driver assemblies. Available in powdercoat finishes.
- C REFLECTOR**
Available in powdercoat finishes.
- D WAVEGUIDE**
Transmits light creating illumination effect. Ships with protective cover installed.
- E OPTIC**
Field-changeable optics available in 15°, 35°, & 55° beams.
- F EFFECTS DEVICE**
No lens standard, effects devices are field changeable.
- G LENS RETAINER**
Attaches to optic assembly and accommodates one effects device. Bezel is color keyed to match reflector finish.

DIMENSIONS / DRAWINGS



CLEANING INSTRUCTIONS

Factory recommends cleaning waveguide assembly with a microfiber cloth or similar non-abrasive cloth. In most cases a damp microfiber cloth will remove dust/debris or fingerprints. For stubborn stains, approved cleaning agents include soap and water, or ammonia based cleaners.



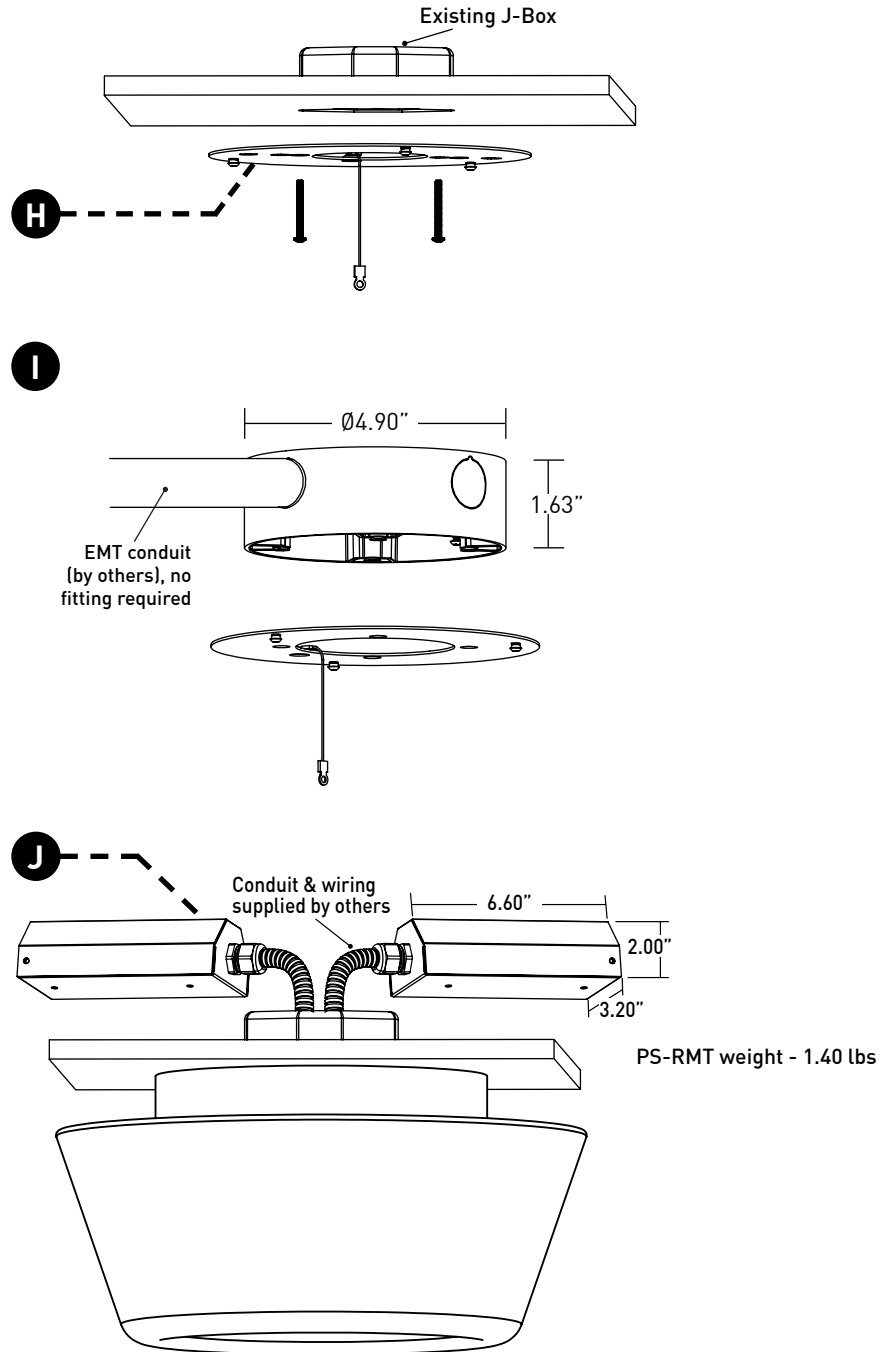
MOUNTING

- H MOUNTING PLATE**
Mounting adaptor (concealed) for standard 3/0, 4/0 and 4" Square j-boxes. Surface mounted, does not require installation prior to rough-in. Fixture mounts flush with minimalist transition to ceiling.
- I CMJB**
Ceiling mount junction box features mounting plate for attachment of fixture, integrated look where exposed ceiling mount junction box and conduit applications apply. For use with 1/2" and 3/4" EMT conduit only. Features three conduit entrances and one conduit knockout on top of j-box. Painted finishes only. Blank off plugs included.

REMOTE POWER SUPPLY

- J PS-RMT**
Remote power supplies provide additional driver options, requires two power supplies. Mounting device still required. Consult install guide for maximum allowable secondary run lengths between PS-RMT and fixture. Must be installed in an accessible location.

DIMENSIONS / DRAWINGS



TECHNICAL

CONSTRUCTION

Fixture: Machined aluminum canopy and spun reflector; die-cast aluminum heat-sink; painted finishes are granulated powder coat.

CMJB: Die-cast aluminum body; painted finishes are granulated powder coat.

Remote Power Supply: 22 Gauge galvanized steel.

LED

Proprietary 2 step MacAdam ellipse LED modules available in 80+ and 90+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

WARM DIM LED

Proprietary 3-step MacAdam ellipse warm dim LED modules available in 90+ CRI configuration. 3200K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

Power Supply	PH	SG	SN	DD	EG	EN	LP
Minimum °C	-10 °C	-10 °C	-10 °C	-20 °C	-20 °C	-20 °C	0 °C
Maximum °C	25 °C	25 °C	25 °C	25 °C	25 °C	25 °C	25 °C
Dimming %	1.0%	1.0%	1.0%	0.1%	0.1%	0.1%	0.1%

MOUNTING

Fixture is supplied with a mounting adaptor, which integrates with standard 3/0, 4/0 and 4" Square junction boxes. Ceiling-mount junction box available for 1/2" and 3/4" conduit and features concealed internal clamps for clean fitting-free conduit exit and entry.

LISTING

cTUVus listed to UL1598 standard for Dry / Damp locations. JA8-2019 Title 24 listed.

BUY AMERICAN ACT

All S2C configurations are Buy American Act compliant.

WARRANTY

Manufacturer's 1-year warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service. 5-year warranty on LED and power supply to operate with 70% of the original flux and remain within a range of 3 duv. 10-year Lutron Advantage limited warranty available on Lutron equipped systems. Warranty period begins from the date of shipment by Seller and conditional upon the use of manufacturer-supplied power supply. Consult [website](#) for full warranty terms and conditions.

DRIVE CURRENT SPECIFICS

DOWNLIGHT

	80	90	90WD
Minimum Vf	30.5	30.5	30.5
Maximum Vf	39	39	39
Current mA	425	425	350
Wattage W	14.6	14.6	11.8

WAVEGUIDE

	80	90	90WD
Minimum Vf	30.5	30.5	30.5
Maximum Vf	39	39	39
Current mA	350	350	350
Wattage W	11.8	11.8	11.8