

STELLR®
INTERNATIONAL





Organic shape and minimalist form conceals the mechanics of this high-performance luminaire, offering both volumetric and directional lighting with two light sources and infinite control options of multi-layered illumination.

PROJECT NAME:

TYPE:



ORDERING INFORMATION

SERIES	SIZE	CANOPY TYPE	BODY COLOR	CANOPY COLOR	DOWNLIGHT LUMEN PACKAGE	WAVEGUIDE LUMEN PACKAGE	OPTIC (UGR)	WAVEGUIDE	MEDIA	DRIVER	MOUNTING
S	2	C						S			
S STELLR	2 Medium 10.2"	C Ceiling Mount	WH White	WH White	<div> STATIC WHITE</div> <div>8027 80+ CRI, 2700K Dlvd. Lumens - 1799</div> <div>8030 80+ CRI, 3000K Dlvd. Lumens - 1855</div> <div>8035 80+ CRI, 3500K Dlvd. Lumens - 1910</div> <div>8040 80+ CRI, 4000K Dlvd. Lumens - 2003</div> <div>9027 90+ CRI, 2700K Dlvd. Lumens - 1546</div> <div>9030 90+ CRI, 3000K Dlvd. Lumens - 1594</div> <div>9035 90+ CRI, 3500K Dlvd. Lumens - 1641</div> <div>9040 90+ CRI, 4000K Dlvd. Lumens - 1721</div> <div> WARM DIM</div> <div>90WD 90+ CRI, 3000K - 1800K Dlvd. Lumens - 1039</div> <div>* DELIVERED LUMEN VALUES REFLECT USE OF THE 55 DEGREE OPTIC AND NO LENS</div>	<div> STATIC WHITE</div> <div>8027 80+ CRI, 2700K Dlvd. Lumens - 728</div> <div>8030 80+ CRI, 3000K Dlvd. Lumens - 794</div> <div>8035 80+ CRI, 3500K Dlvd. Lumens - 794</div> <div>8040 80+ CRI, 4000K Dlvd. Lumens - 825</div> <div>9027 90+ CRI, 2700K Dlvd. Lumens - 656</div> <div>9030 90+ CRI, 3000K Dlvd. Lumens - 715</div> <div>9035 90+ CRI, 3500K Dlvd. Lumens - 715</div> <div>9040 90+ CRI, 4000K Dlvd. Lumens - 744</div> <div> WARM DIM</div> <div>90WD 90+ CRI, 3000K - 1800K Dlvd. Lumens - 765</div>	15 15° (<10) 35 35° (<10) 55 55° (<10)	S Standard	STANDARD MEDIA	INTEGRAL (120-277V) <small>(Sources dim independently, requires independent control lines)</small>	E International Surface Mounting Plate
			0 No Lens	S Small Ø4.9" Ceiling Mount Junction Box for 1/2" and 3/4" Conduit* <small>*(Finish specified in canopy color section)</small>							
			OPTIONAL MEDIA								
			2 Honeycomb Louver								
			3 Clear Glass Lens								
			4 Soft Focus Lens	IG eldoLED, SOLOdrive 0.1% 0-10V, LOG					L Large Ø6.4" Ceiling Mount Junction Box for 1/2" and 3/4" Conduit* <small>*(Finish specified in canopy color section)</small>		
				IN eldoLED, SOLOdrive 0.1% 0-10V, LIN							
				ID eldoLED, SOLOdrive 0.1% DALI, LOG							


(WH)
White
Powder Coat


(AG)
Satin Silver
Powder Coat


(AU)
Cashmere Gold
Powder Coat


(BK)
Black
Powder Coat

PART NUMBER NOTES

- STELLR ships as e.g., S2C-BK BK-9MS18MS1-35S4-IG*E
- 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

- ☐ R0-S2-15 15° optic
- ☐ R0-S2-35 35° optic
- ☐ R0-S2-55 55° optic

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	17	1743	97	1769	98	1855	103	1255	70	1123	62	1081	60
9030	17	1502	83	1520	84	1594	89	1078	60	965	54	929	52
90WD	14	994	70	1012	72	1039	74	713	47	642	42	606	40

Part L 75+ LPW configurations comply with residential Part L
95+ LPW configurations comply with commercial Part L

UNIFIED GLARE RATING

15° OPTIC	35° OPTIC	55° OPTIC
<10	<10	<10

STATIC WHITE OUTPUT MULTIPLIER

CCT	CCT SCALE
2700K	0.97
3000K	1.00
3500K	1.03
4000K	1.08

MEDIA LIGHT LOSS FACTOR

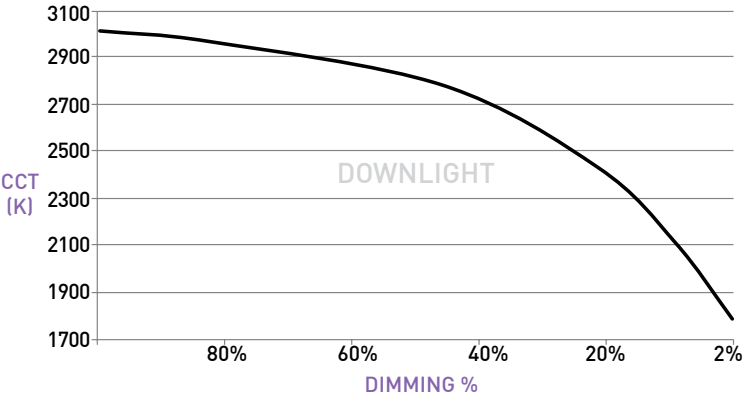
MEDIA	LIGHT LOSS FACTOR
No Lens	1.00
CGL	0.93
SFL	0.93
HCL	0.65

WAVEGUIDE PERFORMANCE

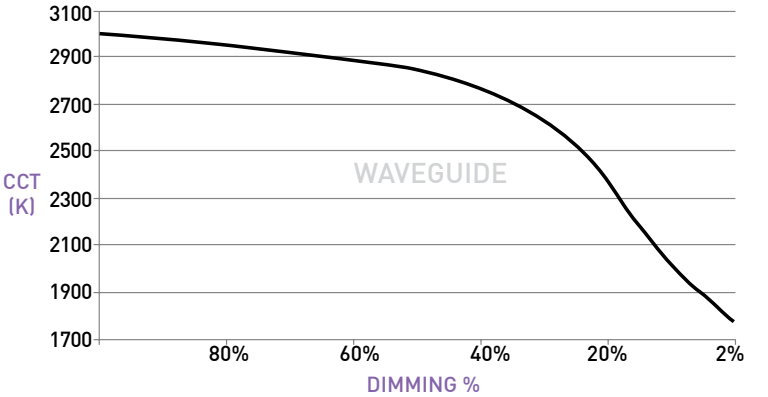
LUMEN PACKAGE	WATTAGE	2700K		3000K		3500K		4000K	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80	14	728	53	794	58	794	58	825	64
90	14	656	48	715	52	715	52	744	54
90WD	14	-	-	765	54	-	-	-	-

WARM DIM PERFORMANCE

DOWNLIGHT - 55° 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)	3000	2950	2920	2775	2375	2000	1800
Light Output (Lm)	1039	831	727	519	207	103	20
Power (W)	14	11	10	7	3	1.4	0.3
Efficacy (LPW)	74	74	74	74	74	74	74



WAVEGUIDE	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2950	2920	2850	2375	2000	1800
Light Output (Lm)	765	612	535	382	153	76	15
Power (W)	14	13	12	9	3	1.7	0.3
Efficacy (LPW)	54	54	54	54	54	54	54

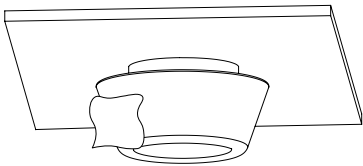


FIXTURE

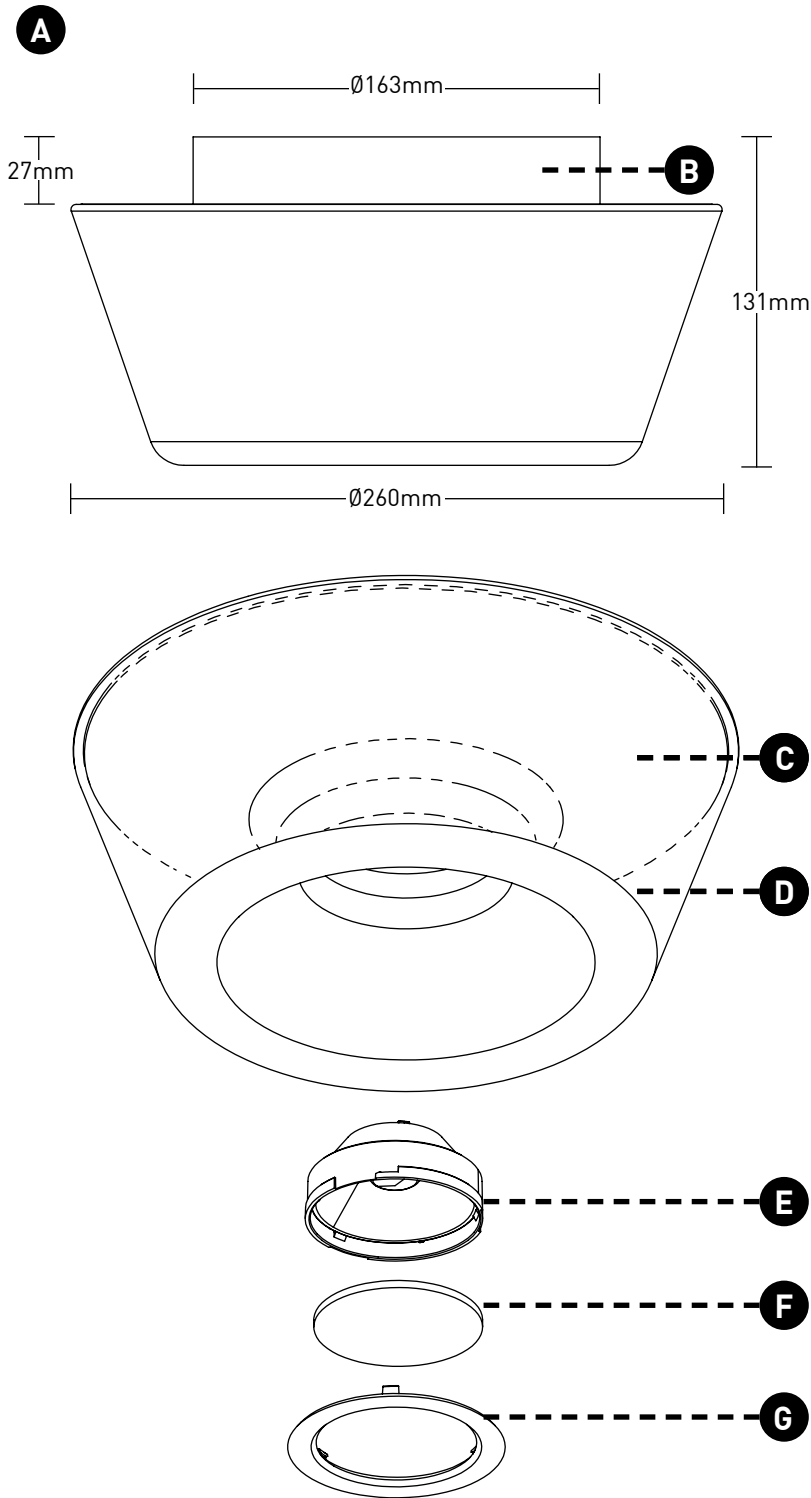
- A LUMINAIRE**
Body with integrated heat sink and LED assemblies.
- B CANOPY**
Conceals hidden twist-on mounting hardware and houses integral driver assemblies. Available in powdercoat finishes.
- C BODY**
Available in powdercoat finishes.
- D WAVEGUIDE**
Transmits light creating illumination effect. Ships with protective cover installed.
- E OPTIC**
Robust light engine with optimized optic pairing integrates Reflection, Refraction and TIR offering 15°, 35°, and 55° beams.
- F MEDIA**
Media is field-changeable.
- G TRIM BEZEL**
Attaches to optic assembly and accommodates one media. Finish will match body color. Consult factory if alternate finish requested.

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.



DIMENSIONS / DRAWINGS



MOUNTING

DIMENSIONS / DRAWINGS

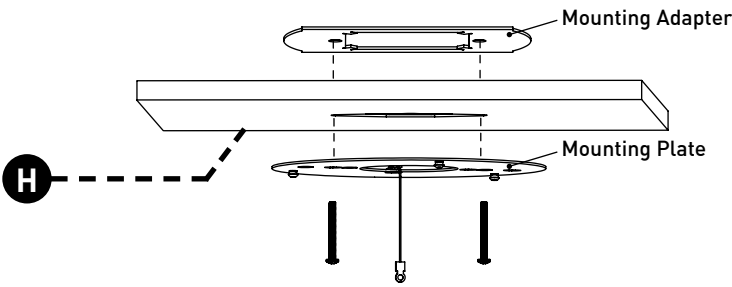
- H

MOUNTING PLATE

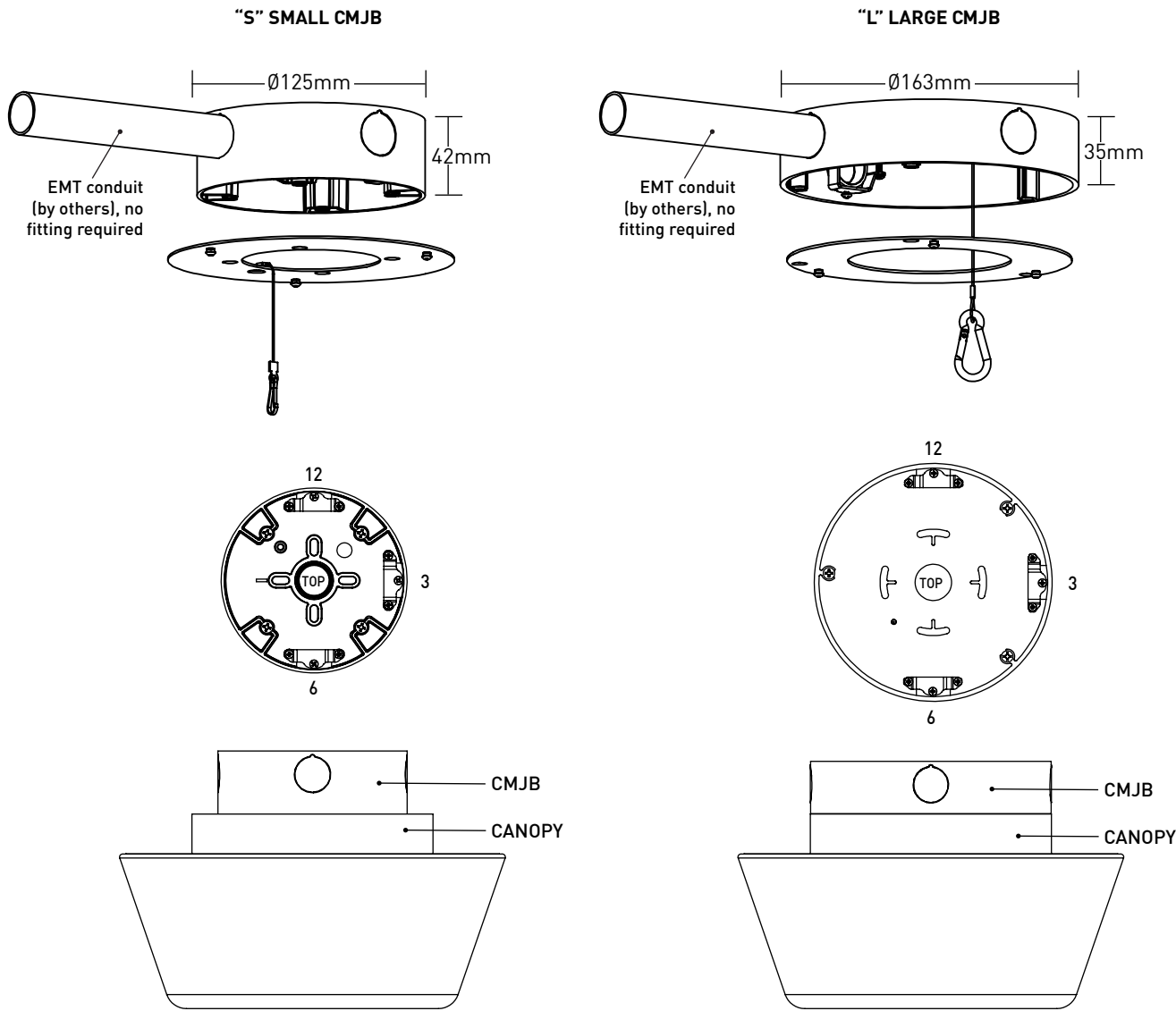
Surface mounted, does not require installation prior to rough-in. Mounting adapter sits atop ceiling for attachment of mounting plate. Fixture mounts flush with minimalist transition to ceiling.
- I

CMJB

Ceiling mount junction box provides 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 at 12, 3, and 6 o'clock plus one conduit knockout on top. Painted finishes only. Blank off plugs included. Available in "S" Small and "L" Large configurations.



I



FIXTURE CONTROL INFORMATION

DRIVER	DRIVER QUANTITY	SOURCES DIM INDEPENDENTLY OR TOGETHER	SOURCES DIM TOGETHER ONLY	WIRING REQUIREMENTS
IG	2	X		For independent control, two switch-legs and two 0-10V control leads required.
IN	2	X		For independent control, two switch-legs and two 0-10V control leads required.
ED	2	X		Requires 2 DALI addresses.
EG	2	X		Two switch-legs and 0-10V control lead sets required.
EN	2	X		Two switch-legs and 0-10V control lead sets required.

TECHNICAL

CONSTRUCTION

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

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. 3000K 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	IG	IN	ID
Minimum °C	-20 °C	-20 °C	-20 °C
Maximum °C	25 °C	25 °C	25 °C
Dimming %	0.1%	0.1%	0.1%

MOUNTING

Fixture is supplied with a mounting adapter, which integrates with mounting plate. Ceiling-mount junction box available for 1/2" (13mm) and 3/4" (19mm) conduit and features concealed internal clamps for clean fitting-free conduit exit and entry.

LISTING

CE listed for IP20 Dry / Damp locations.

PART L

Part L compliant for all 75+ LPW residential and 95+ LPW commercial configurations.

WEIGHT

Fixture - 5.4 lbs max
CMJB - 1.1 lbs

LIMITED 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. Consult [website](#) for full warranty terms and conditions.

CHANGE LOG

- 1. 10/17/2022: REMOVED 3200K-1800K WARM DIM AND ADDED 3000K-1800K WARM DIM.
- 2. 08/08/2023: UPDATED WITH NEW LED AND OPTIC SYSTEM.
- 3. 02/15/2024: PART L COMPLIANCE ADDED.
- 4. 04/09/2025: UPDATED DRIVER OFFERINGS.



DRIVE CURRENT SPECIFICS

DOWNLIGHT

	80	90	90WD
	20A	17A	13A
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