

STELLR®

INTERNATIONAL

RECESSED PENDANT

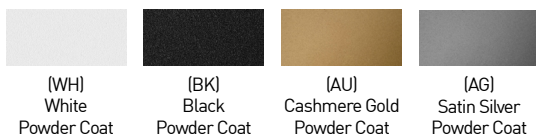
PROJECT NAME:	TYPE:
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Organic shape and minimalist form conceals the mechanics of this high-performance luminaire, offering both volumetric and directional lighting with two light sources and infinite control options of multi-layered illumination.

ORDERING INFORMATION

SERIES	CANOPY TYPE	BODY COLOR	CANOPY COLOR	CABLE COLOR	DOWNLIGHT LUMEN PACKAGE	WAVEGUIDE LUMEN PACKAGE	OPTIC	EFFECTS DEVICE	DRIVER	MOUNTING
S2										I
S2 STELLR Medium 10.2" (260mm)	FLANGE OVERLAY F096 8' (244cm) F192 16' (488cm)	WH White BK Black AU Cashmere Gold	WH White BK Black AU Cashmere Gold	B Black Power Cable W White Power Cable	STATIC WHITE 8027 80+ CRI, 2700K Dlvd. Lumens - 1539 8030 80+ CRI, 3000K Dlvd. Lumens - 1600 8035 80+ CRI, 3500K Dlvd. Lumens - 1616 8040 80+ CRI, 4000K Dlvd. Lumens - 1632 9027 90+ CRI, 2700K Dlvd. Lumens - 1315 9030 90+ CRI, 3000K Dlvd. Lumens - 1368 9035 90+ CRI, 3500K Dlvd. Lumens - 1381 9040 90+ CRI, 4000K Dlvd. Lumens - 1395	STATIC WHITE 8027 80+ CRI, 2700K Dlvd. Lumens - 728 8030 80+ CRI, 3000K Dlvd. Lumens - 794 8035 80+ CRI, 3500K Dlvd. Lumens - 794 8040 80+ CRI, 4000K Dlvd. Lumens - 825 9027 90+ CRI, 2700K Dlvd. Lumens - 656 9030 90+ CRI, 3000K Dlvd. Lumens - 715 9035 90+ CRI, 3500K Dlvd. Lumens - 715 9040 90+ CRI, 4000K Dlvd. Lumens - 744	15 15° 35 35° 55 55°	STANDARD EFFECTS DEVICE 0 No Lens OPTIONAL EFFECTS DEVICE 2 Honeycomb Louver 3 Clear Glass Lens 4 Soft Focus Lens	(220-240V) IG 1% 0-10V Analog, LOG* *[Sources dim independently, requires independent control lines] IN 1% 0-10V Analog, LIN* *[Sources dim independently, requires independent control lines] DD eldoLED, DUALdrive 0.1% DALI, LOG* *[Sources dim independently] EG eldoLED, SOLOdrive 0.1% 0-10V, LOG* *[Sources dim together] EN eldoLED, SOLOdrive 0.1% 0-10V, LIN* *[Sources dim together]	13mm - 58mm CEILING THICKNESS I International
		ZERO SIGHTLINE T096 8' (244cm) T192 16' (488cm)	AG Satin Silver CF Custom Finish* *(Consult Factory)	AG Satin Silver CF Custom Finish* *(Consult Factory)		WARM DIM 90WD 90+ CRI, 3200K - 1800K Dlvd. Lumens - 1018	WARM DIM 90WD 90+ CRI, 3200K - 1800K Dlvd. Lumens - 699			
	*FOR CABLE LENGTHS OVER 16' CONSULT FACTORY. ALL LENGTHS ARE FIELD-CUTTABLE				*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., S2F096-WHBKB-9MA28MA2-352-DD*I

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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

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	1494	87	1600	93	1683	98	1210	70	1200	70	1212	71
9030	17	1277	74	1368	80	1438	84	1034	60	1026	60	1035	60
90WD	14	966	69	1018	73	1169	84	782	56	764	55	842	60

STATIC WHITE OUTPUT MULTIPLIER	
CCT	CCT SCALE
2700K	0.960
3000K	1.000
3500K	1.014
4000K	1.015

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

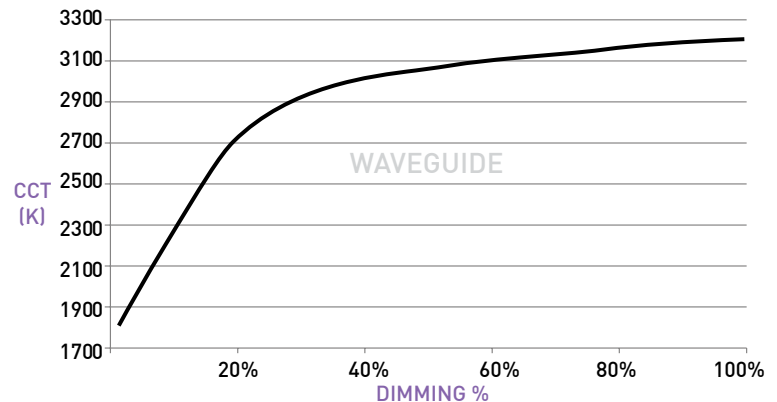
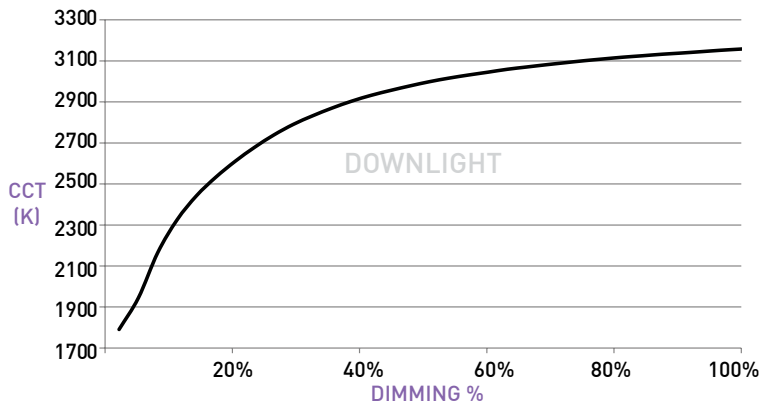
WAVEGUIDE PERFORMANCE

LUMEN PACKAGE	WATTAGE	2700K		3000K		3500K		4000K	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
80	14	728	53	794	58	794	58	825	64
90	14	656	48	715	52	715	52	744	54
90WD	14	-	-	699	51	-	-	-	-

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)	1010	814	713	509	204	102	20
Power (W)	14	11	10	7	3	1.4	0.3
Efficacy (LPW)	73	73	73	73	73	73	73

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)	699	559	489	350	140	70	14
Power (W)	14	13	12	9	3	1.7	0.3
Efficacy (LPW)	51	51	51	51	51	51	51



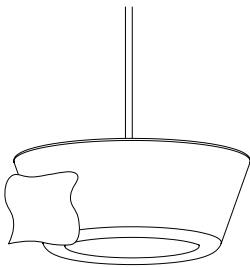
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FITTING

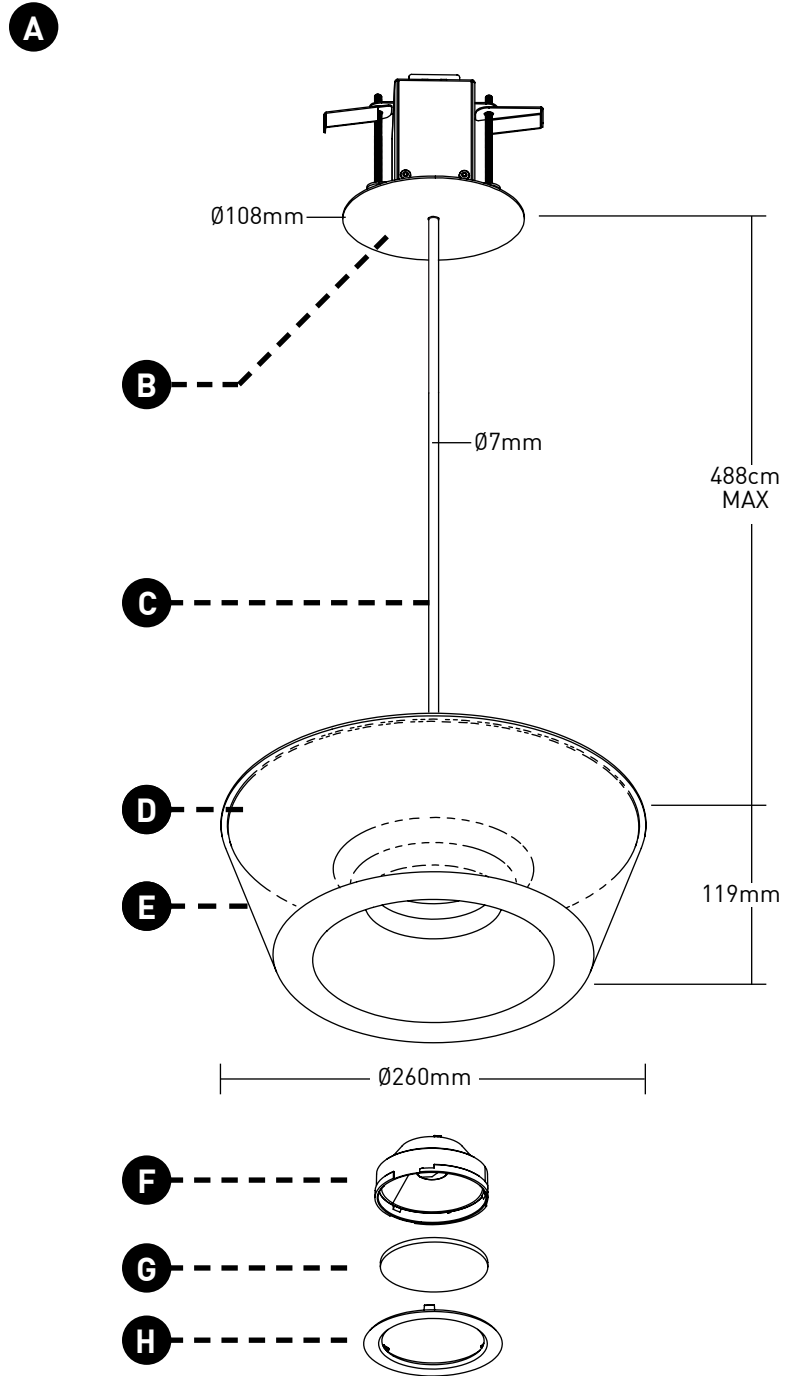
- A FITTING**
Body with integrated heat sink and LED assemblies.
- B MAGNETIC TRIM PLATE (CANOPY)**
Conceals retaining mechanism. Rare Earth magnets secure canopy plate to retaining mechanism. Available in powdercoat finishes.
- C CABLE**
Available in lengths up to 488cm maximum, cable is field cuttable, consult factory for lengths greater than 488cm. Available in black and white finishes.
- D BODY**
Available in powdercoat finishes.
- E WAVEGUIDE**
Transmits light creating illumination effect. Ships with protective cover installed.
- F OPTIC**
Field-changeable optics available in 15°, 35°, & 55° beams.
- G EFFECTS DEVICE**
Media is field-changeable.
- H LENS RETAINER**
Attaches to optic assembly and accommodates one effects device. 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



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ZERO-SIGHTLINE INSTALLATIONS

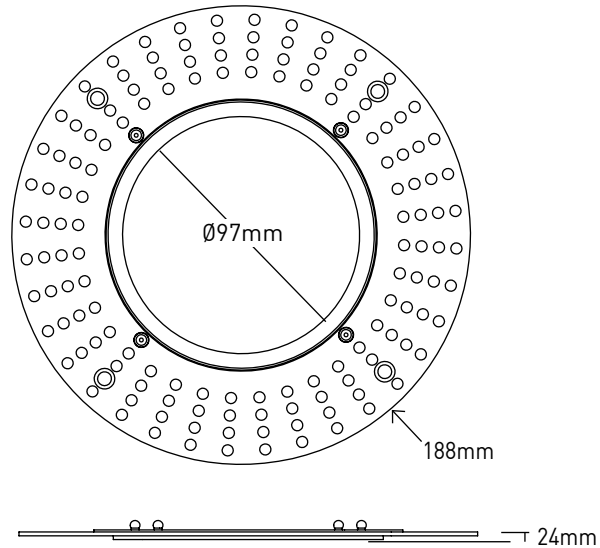
When installed according to manufacturer's instructions and ceiling conditions are met, fixture trim plate is flush with the ceiling plane. Consult STELLR Installation Guidelines for appropriate ceiling cutouts and instructions for proper Zero-Sightline installations.

I APPLIQUÉ

- Specified on Canopy Type and ships with fitting.
- For use in painted gypsum ceiling applications.
- Not recommended for stucco applications.

DIMENSIONS / DRAWINGS

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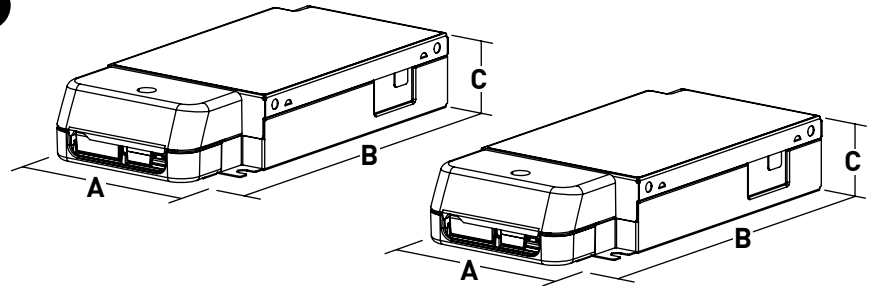
POWER SUPPLY

J POWER SUPPLY

- Minimum 3.00" (77mm) setback between drivers.
- Minimum 8.00" (204mm) setback from insulation material with max R-Value 30 from any surface of downlight fitting assembly.
- Consult factory for spacing requirements for any installations exceeding R-Value 30.
- Do not install in environments where ambient temperatures exceed 40°C (104°F).

DIMENSIONS / DRAWINGS

J



POWER SUPPLY DIMENSIONS

Model	A	B	C
IG	26mm	154mm	21mm
IN			
EG	41mm	210mm	34mm
EN			
DD	76mm	152mm	30mm

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.
DD	1	X		For independent control, two DALI addresses required
EG	1		X	Single switch-leg and 0-10V control leads required.
EN	1		X	Single switch-leg and 0-10V control leads required.

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TECHNICAL

CONSTRUCTION

Fixture: Spun reflector; die-cast aluminum heat-sink; 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. 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	IG	IN	DD	EG	EN
Minimum °C	-10°C	-10°C	-20°C	-20°C	-20°C
Maximum °C	40°C	40°C	40°C	40°C	40°C
Dimming %	1.0%	1.0%	0.1%	0.1%	0.1%

MOUNTING

Fixture is supplied with a mounting adaptor.

LISTING

CE listed for IP20 Dry / Damp locations.

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.

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DRIVE CURRENT SPECIFICS

DOWNLIGHT

	80C	90C	90W
	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

	80C	90C	90W
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