

# LSR2 recessed

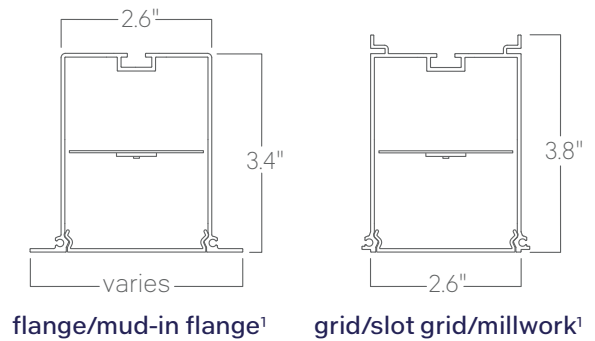


The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

## Features

- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 > 50
- Custom lengths, welded patterns, and finishes available
- Integral specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- Compatible with all wood ceilings
- WELL Building Standard compatible [learn more](#)

## Dimensions

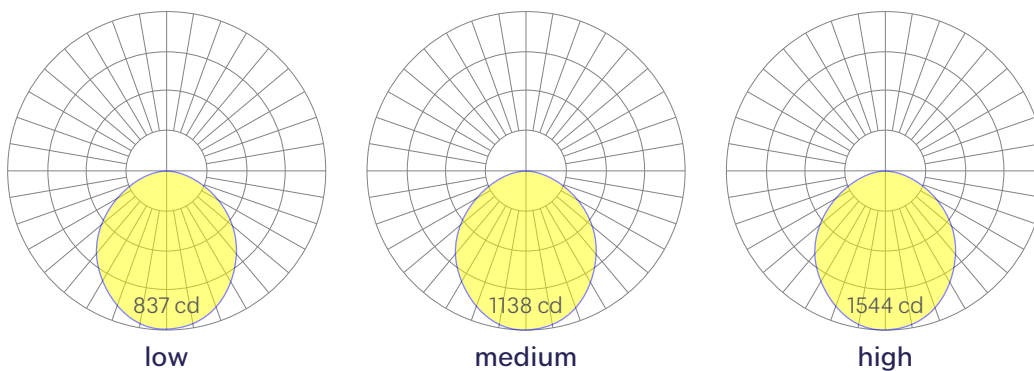


flange/mud-in flange<sup>1</sup>

grid/slot grid/millwork<sup>1</sup>

<sup>1</sup>Shown with Flat Lens; Reveal Lens available.

## Optics



low

medium

high

Representative distribution and peak candela. For other options see order information or IES files [here](#).

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## Ordering Information

For each option group below specify one option. If you don't see your preferred option listed, contact us for [help](#).

1	Fixture ID	2	Length	3	Color Temperature	4	Output
	<b>LSR2</b>	<b>2</b>	2 ft	<b>27</b>	2700K/90 CRI	<b>LOW</b>	Low output
		<b>4</b>	4 ft	<b>30</b>	3000K/90 CRI	<b>MED</b>	Medium output
		<b>8</b>	8 ft	<b>35</b>	3500K/90 CRI	<b>HIGH</b>	High output
		<b>X'-X"</b>	Specify Length	<b>40</b>	4000K/90 CRI	<b>CUST</b>	Custom output Specify Watts or lumens
		<b>PAT</b>	Pattern (Consult Factory)	<b>50</b>	5000K/90 CRI		
				<b>WD</b>	Warm Dim 2200K-3000K Must use WD10 driver		
				<b>TW</b>	Tunable White 2700K-6500K Must use WD10 or PSQ driver		
				<b>RGBW30</b>	RGB +white, 3000k Remote DMX. High output unavailable.		
				<b>RGBW35</b>	RGB +white, 3500k Remote DMX. High output unavailable.		
				<b>RGBW40</b>	RGB +white, 4000k Remote DMX. High output unavailable.		
5	Voltage	6	Driver	7	Finish	8	Mounting
<b>UNV</b>	Universal (120/277V)	<b>DB</b>	Standard 0-10V 1%	<b>W</b>	White	<b>T</b>	9/16" Tee Grid
<b>347V</b>	347V Available for DB Driver only	<b>DB.1%</b>	0-10V 0.1%	<b>BLK</b>	Black	<b>T15</b>	15/16" Tee Grid
		<b>ELV</b>	Reverse Phase 1% (120V only) For compatible dimmers, click <a href="#">here</a> .	<b>SLV</b>	Silver	<b>SG</b>	Slot Grid/Interlude
		<b>TRI</b>	Forward phase (120V only) For compatible dimmers, click <a href="#">here</a> .	<b>CC</b>	Custom Color See finish options <a href="#">here</a> .	<b>F</b>	Flange
		<b>LDE1</b>	Lutron Digital EcoSystem	<b>CWF</b>	Custom Wood Finish See finish options <a href="#">here</a> .	<b>NT</b>	Mud-in Flange
		<b>JA8</b>	JA8 compliant 1% dimming			<b>PM-X</b>	Perimeter Mount *X denotes mounting type on opposite side of wall (eg PM-NT).
		<b>DALI</b>	DALI-2 Driver			<b>WOOD</b>	Wood ceiling Provide specifications.
		<b>PoE</b>	Power over ethernet.				
		<b>TW10</b>	2 ch, 0-10V for tunable white.				
		<b>WD10</b>	0-10V Warm Dim				
		<b>PSQ</b>	Lutron T-Series 2-channel 1% For tunable white				
		<b>DMX</b>	DMX512 All DMX drivers set to default address 001 and provided in remote enclosures. Contact us for other addressing needs.				
9	Optics	10	Sensors/Controls	11	Circuit	12	Options
<b>FL</b>	Flat Diffuser	<b>NA</b>	None	<b>NA</b>	None	<b>NA</b>	None
<b>RV</b>	0.2" Reveal Lens	<b>EIS</b>	Enlighted sensor	<b>EMPCK</b>	Emergency battery pack May require additional power feeds.	<b>WH</b>	6ft whips
<b>AVI ASY</b>	Flat, Asymmetric Lens	<b>WISM</b>	Wattstopper occupancy	<b>EMCKT</b>	Emergency circuit May require additional power feeds.	<b>CP</b>	Chicago Plenum
		<b>WISD</b>	Wattstopper daylight	<b>DAYCKT</b>	Daylight circuit May require additional power feeds.		
		<b>ACM</b>	Acuity nLight® module only				
		<b>ACS</b>	Acuity nLight®				
		<b>CCS</b>	Casambi module				
		<b>AWNR</b>	Lutron Athena Wireless Node Module				
		<b>OTHER</b>	Consult Factory				

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft	LPW
Low	5	547	109
Medium	7	744	106*
High	10	1009	101

<sup>1</sup>Based on a typically configured 90 CRI, 3500K luminaire using one driver.  
Custom outputs available. Please consult factory.

For 4000K multiply by 1.05; for 3000K, 0.9%; for 2700K, 0.92.

\*80 CRI equivalent 125 LPW

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

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## Drivers & Electrical

Integral drivers\* with 0-10V Dimming standard. Several other driver options available; see ordering information.

\*DMX drivers are provided in remote enclosures.

## Sensors & Controls

Sensors are installed on an aluminum plate adjacent to the luminaire lens<sup>1</sup>. Coronet remains agnostic in our approach to sensors and control systems; our fixtures are compatible with most systems offered.

<sup>1</sup>Not applicable to indirect only models. Consult factory.

## Emergency Back-Up

For fixtures three-feet or longer, a 4W integral emergency driver may be wired to 4ft sections. 7W, 10W, and 12W drivers are also available (not all integral; consult factory). Emergency circuits for use with building generators are also available.

## PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Moxel Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox.

Consult factory for systems not listed. See [here](#) for more info.

## Finishes

All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

## Weight

3 lbs per foot

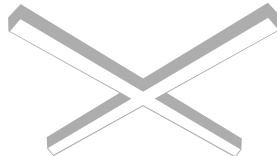
## Patterns

Featuring illuminated welded corners and angles. Consult factory for custom designs and elevations.

**Square**



**X**



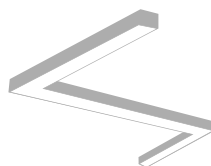
**T**



**V**



**Custom**



**Wall/Ceiling**



## Optics

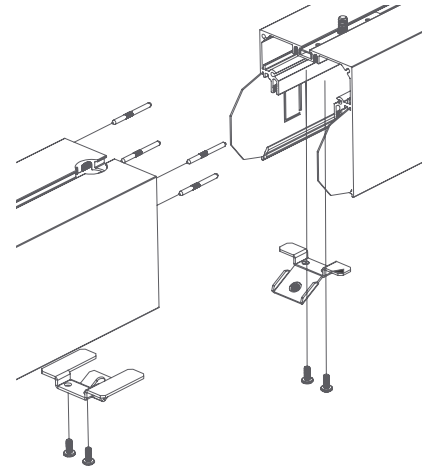
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

## Construction

Housings are extruded premium, recycled aluminum. Individual fixtures are available up to 12' long and may be specified as nominal or precision lengths. Precision lengths are supplied within 1/8" tolerance.

## Joined Runs

Runs of any length may be specified and are comprised of multiple, factory-engineered, joined sections. Individually specified luminaires are not field joinable.

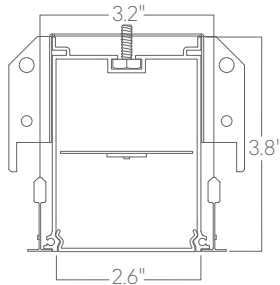


Representative joinery. For product specific details see installation guides or submittal drawings.

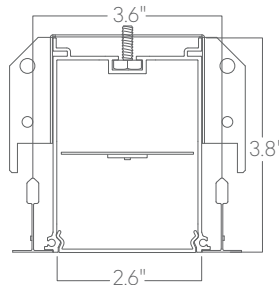
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## Mounting Options

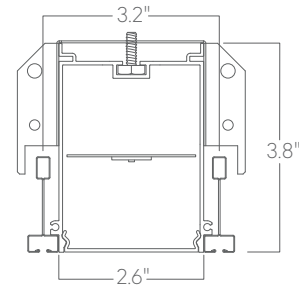
Custom mounting types and ceiling transitions available; consult factory.



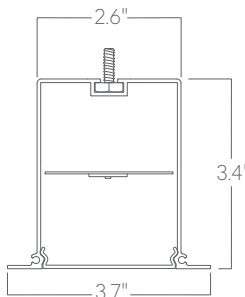
**T**  
9/16" tee grid



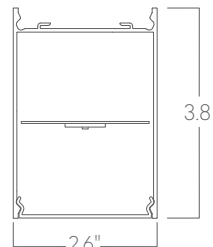
**T15**  
15/16" tee grid



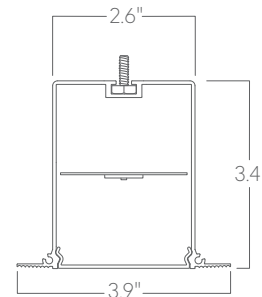
**SG**  
slot grid



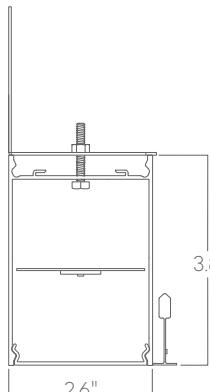
**F**  
flange



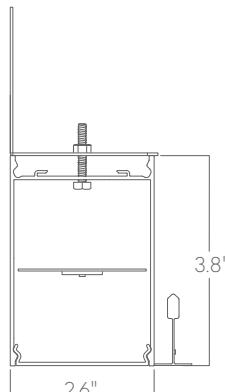
**WOOD**  
provide specifications



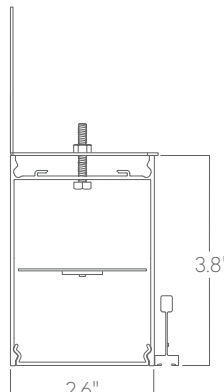
**NT**  
mud-in<sup>1</sup>



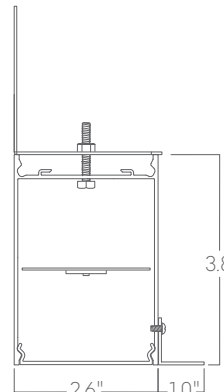
**PM-T**  
perimeter to 9/16" tee grid



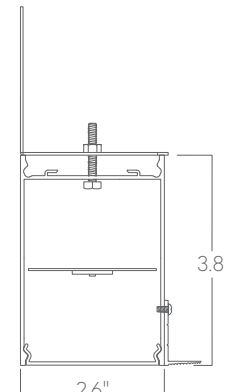
**PM-T15**  
perimeter to 15/16" tee grid



**PM-SG**  
perimeter to slot grid



**PM-F**  
perimeter to flange



**PM-NT**  
perimeter to mud-in

<sup>1</sup>Installation that alters aperture width compromises lens security. Installer must ensure aperture width is maintained.

Please consult factory shop drawings for suspension points.

To prevent damage to fixtures, factory designated suspension points must not be field altered.