

# LSR2 Capsule recessed

>90 CRI  
up to  
**109**  
lumens / watt

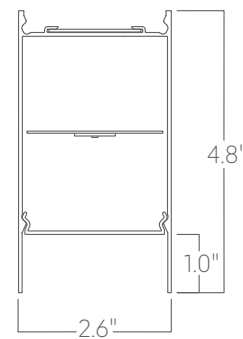


The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

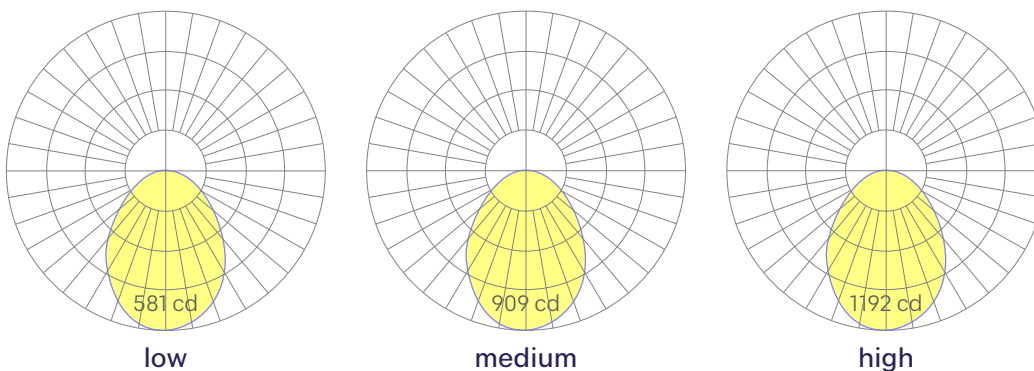
## Features

- Living Building Challenge Declare listed. Red List Free optional.
- Cast aluminum rounded endcaps
- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 > 70
- Custom lengths, welded patterns, and finishes available
- Integral specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty, damp location rated
- WELL Building Standard compatible [learn more](#)

## Dimensions



## Optics



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.CAP</b>	<b>2</b>	2 ft <b>4</b> 4 ft <b>8</b> 8 ft <b>XX</b> Specify length <b>PAT</b> Pattern Submit drawing.	<b>27</b>	2700K/90 CRI <b>30</b> 3000K/90 CRI <b>35</b> 3500K/90 CRI <b>40</b> 4000K/90 CRI <b>50</b> 5000K/90 CRI <b>TW</b> Tunable White 2700K-6500K Must use TW10 or DALI driver. <b>RGBW30</b> RGB +white; 3000k Must use remote DMX driver. <b>RGBW35</b> RGB +white; 3500k Must use remote DMX driver. <b>RGBW40</b> RGB +white; 4000k Must use remote DMX driver. <b>WD</b> Warm Dim 2200K-3000K Must use WD10 driver.	<b>LOW</b>	Low output <b>MED</b> Medium output <b>HIGH</b> High output <b>CUST</b> Custom output Specify watts or lumens: Up to 13W/ft max. Down to 6W/driver min.
5	Voltage	6	Driver	7	Finish	8	Mounting
	<b>UNV</b> Universal (120/277V) <b>347V</b> 347V	<b>DB</b> Standard 0-10V 1% <b>DB.1%</b> 0-10V 0.1% <b>ELV</b> Reverse phase 1% (120V only) <b>TRI</b> Forward phase <b>LDE1</b> Lutron Digital EcoSystem <b>JA8</b> JA8 compliant 1% dimming <b>DALI</b> DALI-2 driver <b>PoE</b> Power over Ethernet <b>TW10</b> 2 channel 0-10V for tunable white <b>WD10</b> 0-10V warm dimming <b>DMX</b> DMX512 All DMX drivers set to default address 001 and provided in remote enclosers. Contact us for other addressing needs.	<b>W</b> White <b>BLK</b> Black <b>SLV</b> Silver <b>CC</b> Custom color <a href="#">See finish options here</a> <b>CWF</b> Custom wood finish <a href="#">See finish options here</a>	<b>NT</b> Mud-in Flange <b>F</b> Flange <b>TB.X</b> Tee grid "X" must be replaced by specific order code. See Mounting Options page for details. <b>SG</b> Slot Grid/Interlude <b>WOOD</b> Wood ceiling Provide specifications. <b>PM.X</b> Perimeter mount. "X" must be replaced by specific order code. See Mounting Options page for details.			
9	Optics	10	Sensors/Controls	11	Circuit	12	Options
	<b>FL</b> Flat diffuser	<b>NA</b> None <b>WISM_%</b> Wattstopper occupancy <b>WISD</b> Wattstopper daylight <b>ACM</b> Acuity nLight- module only <b>ACS</b> Acuity nLight- (nES 7) <b>ACAM</b> Acuity nLight Air (r10) <b>ACAS</b> Acuity nLight- AIR (rES 7) <b>CCS</b> Casambi module <b>AWN</b> Lutron Athena wireless node <b>AWNS</b> Lutron Athena wireless node with sensor <b>OTHER</b> Consult factory	<b>NA</b> None <b>EMPCK</b> Emergency battery pack <b>EMCKT</b> Emergency circuit May require additional power feeds. <b>DAYCKT</b> Daylight circuit May require additional power feeds.	<b>NA</b> None <b>WH6</b> 6ft whips preinstalled <b>CP</b> Chicago Plenum <b>RLF</b> Red List Free			

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft	LPW
Low	3.5	380	109
Medium	5.5	602	109
High	7.5	788	105

<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.  
For Warm Dim multiply by .80.

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

# LSR2 Capsule recessed

## 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 6W emergency driver may be wired to 4ft sections. A 10W driver is also available (consult factory). Emergency circuits for use with building generators are also available.

## PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex Coresync, 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

## Optics

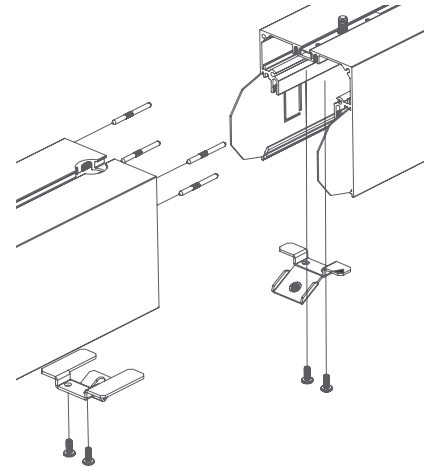
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

## 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.

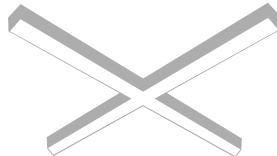
## Patterns

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

**Square**



**X**



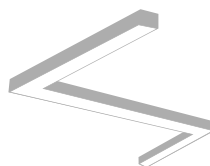
**T**



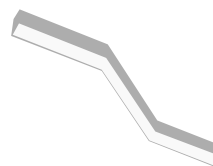
**V**



**Custom**



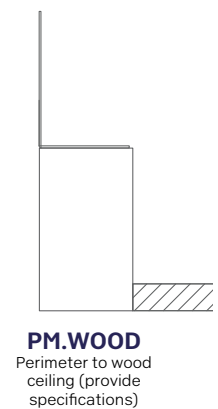
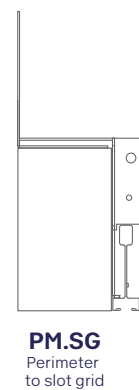
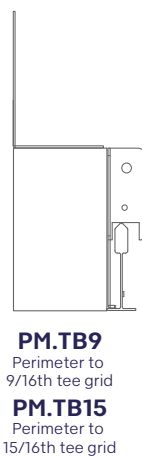
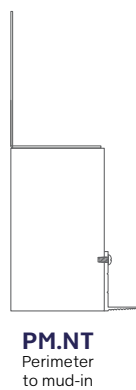
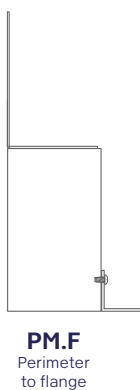
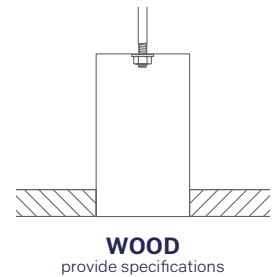
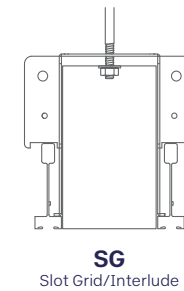
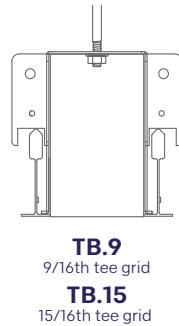
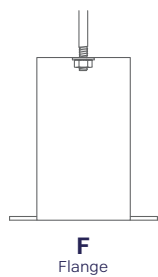
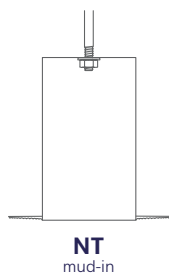
**Elevation**



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## Mounting Options

Custom mounting types and ceiling transitions available; consult factory.  
Mounting and power feed locations will be added to approval drawings on request.



To prevent damage to fixtures, factory designated suspension points must not be field altered.  
Do not attempt installation if you do not understand the installation instructions.