

# LSR4 recessed

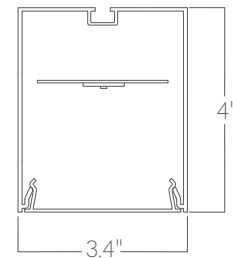


The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

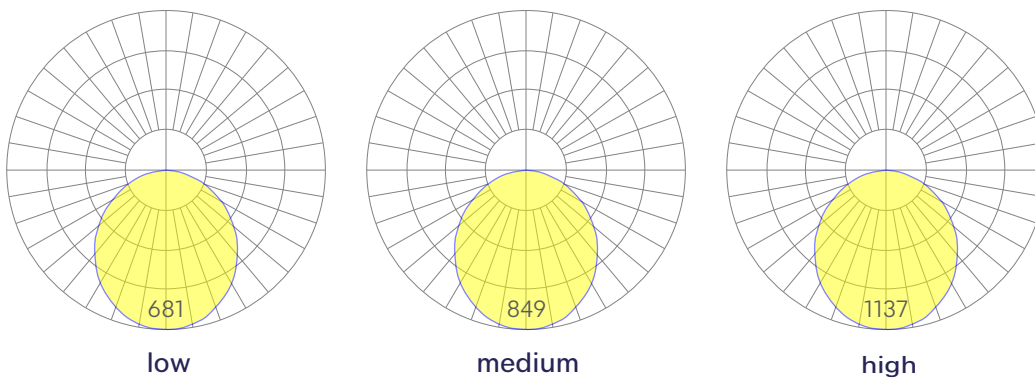
## Features

- 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
- 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



Example: LSR4 - 8 - 35 - MED - UNV - DB - W - NT - FL - CCS - DAYCKT - NA

|  |  |  |   |
|--|--|--|---|
| <b>Fixture ID</b> <input type="text" value="1"/>                               | <b>Length</b> <input type="text" value="2"/>   | <b>Color Temperature</b> <input type="text" value="3"/>  | <b>Output</b> <input type="text" value="4"/>  |
| LSR4   | <b>2</b> 2 ft<br><b>4</b> 4 ft<br><b>8</b> 8 ft<br><b>X'-X''</b> Specify Length<br><b>PAT</b> Pattern (Consult Factory)  | <b>27</b> 2700K/90 CRI<br><b>30</b> 3000K/90 CRI<br><b>35</b> 3500K/90 CRI<br><b>40</b> 4000K/90 CRI<br><b>50</b> 5000K/90 CRI<br><br><b>WD<sup>1</sup></b> Warm Dim 2200K-3000K<br><b>TW<sup>2</sup></b> Tunable White 2700K-6500K<br><b>RGBW30<sup>3</sup></b> RGB +white, 3000k<br><b>RGBW35<sup>3</sup></b> RGB +white, 3500k<br><b>RGBW40<sup>3</sup></b> RGB +white, 4000k | <b>LOW</b> Low output<br><b>MED</b> Medium output<br><b>HIGH</b> High output<br><b>CUST</b> Custom output <sup>1</sup>  |
| <b>Voltage</b> <input type="text" value="5"/>                                  | <b>Driver</b> <input type="text" value="6"/>   | <b>Finish</b> <input type="text" value="7"/>   | <b>Mounting</b> <input type="text" value="8"/>  |
| <b>UNV</b> Universal (120/277V)<br><b>347V<sup>1</sup></b> 347V                | <b>DB</b> Standard 0-10V 1%<br><b>DB.1%</b> 0-10V 0.1%<br><b>ELV<sup>2</sup></b> Reverse Phase 1% (120V only)<br><b>TRI<sup>2</sup></b> Forward phase (120V only)<br><b>LDE1</b> Lutron Digital EcoSystem<br><b>JA8</b> JA8 compliant 1% dimming<br><b>DALI</b> DALI-2 Driver<br><b>PoE</b> Power over ethernet.<br><b>TW10</b> 2 ch, 0-10V for tunable white.<br><b>WD10</b> 0-10V Warm Dim<br><b>PSQ</b> Lutron T-Series 2-channel 1% for tunable white<br><b>DMX<sup>1</sup></b> DMX512 | <b>W</b> White<br><b>BLK</b> Black<br><b>SLV</b> Silver<br><b>CC<sup>1</sup></b> Custom Color<br><b>CWF<sup>1</sup></b> Custom Wood Finish   | <b>T</b> 9/16" Tee Grid<br><b>T15</b> 15/16" Tee Grid<br><b>SG</b> Slot Grid/Interlude<br><b>F</b> Flange<br><b>NT</b> Mud-in Flange<br><b>PM-X<sup>1</sup></b> Perimeter Mount<br><b>MW<sup>2</sup></b> Millwork |
| <small><sup>1</sup>Must use DB Driver</small>                                  | <small><sup>1</sup>Set to default address 001. Contact us for other addressing needs. All DMX drivers provided in remote enclosures. <sup>2</sup>For compatible dimmers, click here.</small>   | <small><sup>1</sup>Custom Color. See finish options here. White SJ cord and canopy provided; for other requests, see section 12 to specify.</small>  | <small><sup>1</sup>'X' denotes mounting type on opposite side of wall (eg PM-NT). <sup>2</sup>Consult Factory</small>   |
| <b>Optics</b> <input type="text" value="9"/>                                   | <b>Sensors/Controls</b> <input type="text" value="10"/>  | <b>Circuit</b> <input type="text" value="11"/>   | <b>Options</b> <input type="text" value="12"/>  |
| <b>FL</b> Flat diffuser<br><b>ASYM</b> Asymmetric optic<br><b>WW</b> Wall wash | <b>NA</b> None<br><b>EIS</b> Enlightened sensor<br><b>WISM</b> Wattstopper occupancy<br><b>WISD</b> Wattstopper daylight<br><b>ACM</b> Acuity nLight module only<br><b>ACS</b> Acuity nLight sensor<br><b>ACA</b> Acuity nLight air<br><b>CCS</b> Casambi module<br><b>AWNRR</b> Lutron Athena Wireless Node<br><b>AWNS</b> Lutron Athena Wireless Sensor  | <b>NA</b> None<br><b>EMPCK</b> Emergency Battery Pack<br><b>EMCKT</b> Emergency Circuit<br><b>DAYCKT</b> Daylight Circuit  | <b>NA</b> None<br><b>WH</b> 6ft whips preinstalled<br><b>CP</b> Chicago Plenum  |
|  | <small>Consult factory for more options, or click here.</small>  |  |   |

## Performance

| Output <sup>1</sup> | Watts/ft | Lumens/ft | LPW |
|---------------------|----------|-----------|-----|
| Low                 | 5        | 454       | 91  |
| Medium              | 7        | 598       | 85* |
| High                | 10       | 758       | 76  |

<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 0.96, for 2700K, 0.92

\*80 CRI equivalent 100 LPW

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

Modification date: May, 2023

Page 2 of 4

# LSR4 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. Coronet remains agnostic in our approach to sensors and control systems; our fixtures are compatible with most systems offered.

\*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

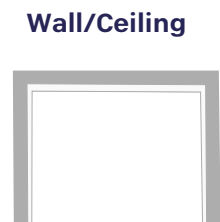
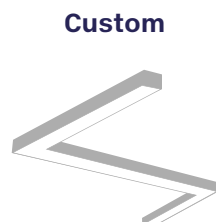
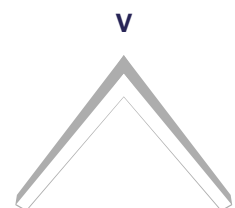
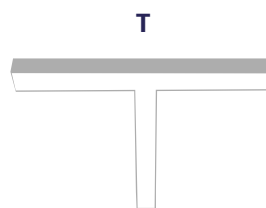
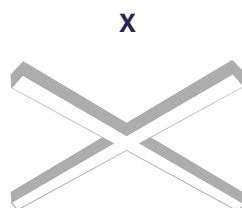
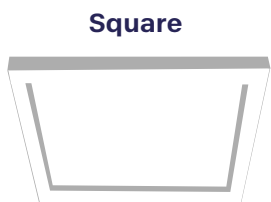
All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

## Weight

5 lbs per foot

## Patterns

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



## Optics

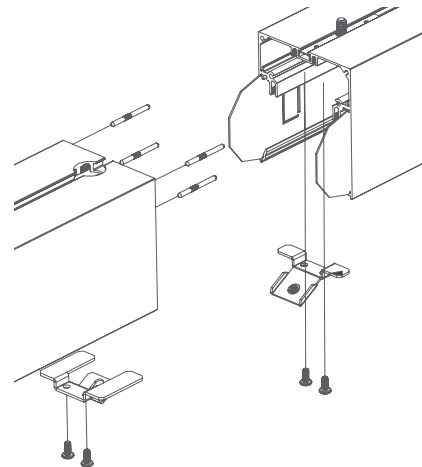
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

## 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.

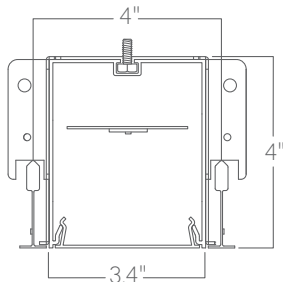


Representative joinery. For product specific details see installation guides or submittal drawings.

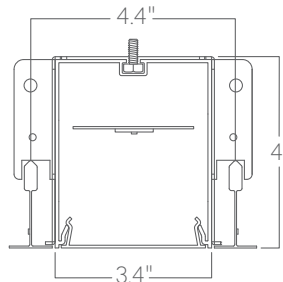
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## Mounting Options

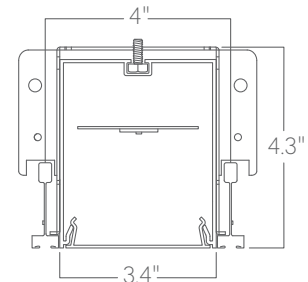
Custom mounting types and ceiling transitions available; consult factory.



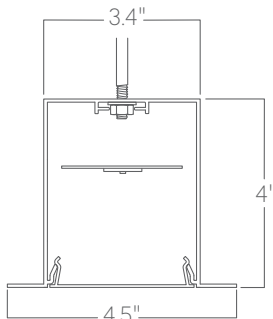
**T**  
9/16" tee grid



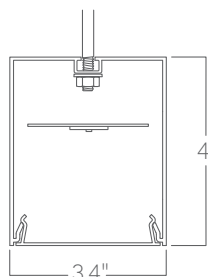
**T15**  
15/16" tee grid



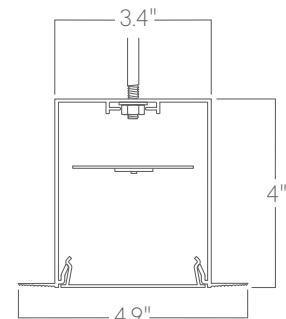
**SG**  
slot grid



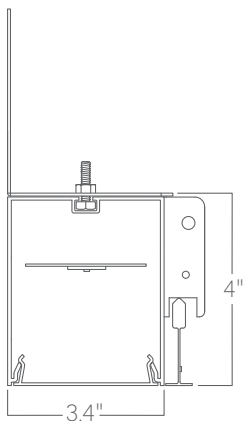
**F**  
flange



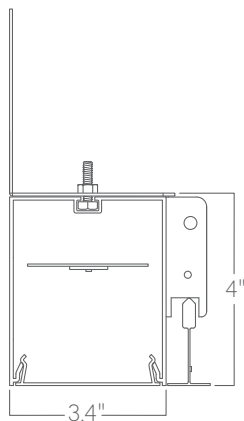
**MW**  
millwork



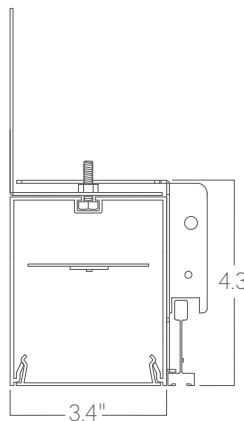
**NT**  
mud-in<sup>1</sup>



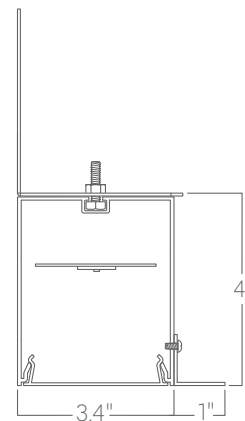
**PM-T**  
perimeter to 9/16" tee grid



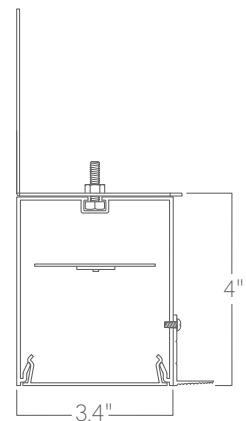
**PM-T15**  
perimeter to 15/16" tee grid



**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.