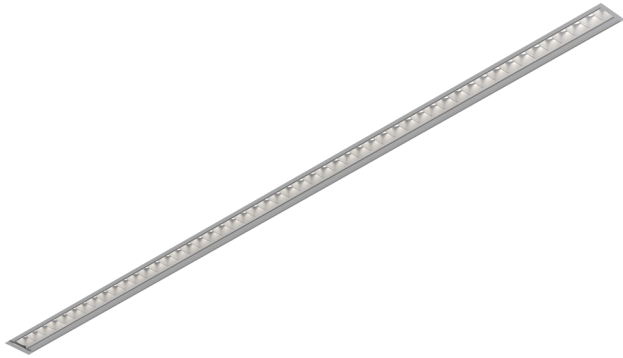


# LSR1 Sharp recessed

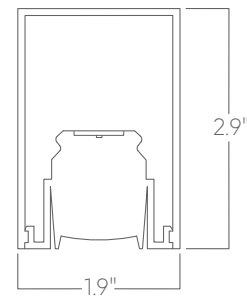


The Sharp Series of architectural luminaires features slim profiles, glare free, beam shaping optical cells and several mounting options. Custom lengths are tailored to suit any modern space.

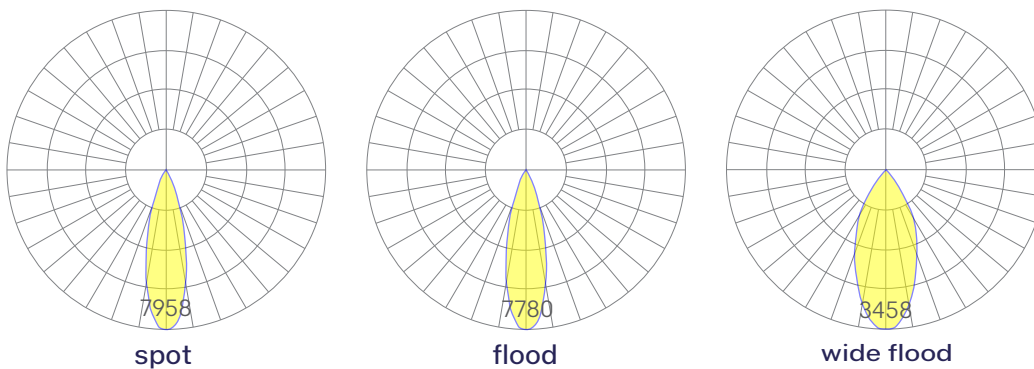
## Features

- Extruded, recycled aluminum housing
- Glare free, beam shaping optical cells
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- Custom finishes available
- Specifiable dimmable drivers or PoE
- 5 Year, 50,000 hour warranty
- WELL Building Standard compatible [learn more](#)

## Dimensions



## Optics



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

# LSR1 Sharp recessed

## Ordering Information



Example: LSR1 SHARP - 8 - 35 - MED - UNV - DB - W - BLK - AC - 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"/>
LSR1 SHARP	<b>4</b> 4 ft <b>8</b> 8 ft <b>X'</b> Specify Length <sup>1</sup> <b>PAT</b> Pattern (Consult Factory)  <small>*Drawing must be submitted designating linear and spot placement.</small>  <small><sup>1</sup>May be specified to the nearest 1/8".</small>	<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>LOW</b> Low output <b>MED</b> Medium output <b>HIGH</b> High output <b>CUST</b> Custom output <sup>1</sup>  <small><sup>1</sup>consult factory</small>
<b>Voltage</b> <input type="text" value="5"/>	<b>Driver</b> <input type="text" value="6"/>	<b>Finish</b> <input type="text" value="7a"/> - <input type="text" value="7b"/>	<b>Mounting</b> <input type="text" value="8"/>
<b>UNV</b> Universal (120/277V) <b>347V'</b> 347V  <small>*Must use DB Driver</small>	<b>DB</b> Standard 0-10V 1% <b>DB.1%</b> 0-10V 0.1% <b>ELV</b> 2-wire 1% (120V only) <b>TRI</b> Forward phase (120V only) <b>LDE1</b> Lutron Digital EcoSystem <b>DALI</b> DALI-2 Driver <b>PoE</b> Power over Ethernet. <b>DMX'</b> DMX512  <small><sup>1</sup>Set to default address 001. RDM capable. Contact us for other addressing needs.</small>	<b>7a - Housing</b> <b>W</b> White <b>BLK</b> Black <b>CC'</b> Custom Color  <b>7b - Louver</b> <b>W</b> White <b>BLK</b> Black  <small>*Custom Color. See finish options here. White SJ cord and canopy provided; for other requests, see section 12 to specify.</small>	<b>T</b> 9/16" Tee Grid <b>T15</b> 15/16" Tee Grid <b>SG</b> Slot Grid/Interlude <b>F</b> Flange <b>NT</b> Mud-in Flange <b>PM-X'</b> Perimeter Mount <b>MW'</b> Millwork  <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>SP</b> 24° beam <b>FL</b> 30° beam <b>WFL</b> 44° beam	<b>NA</b> None <b>EIS</b> Enlighted sensor <b>WISM</b> Wattstopper occupancy sensor <b>WISD</b> Wattstopper daylight sensor <b>ECS</b> Eaton WaveLinX sensor <b>ACM</b> Acuity nLight module only <b>ACS</b> Acuity nLight sensor <b>CCS</b> Casambi module  <small>Consult factory for other options.</small>	<b>NA</b> None <b>EM120V</b> Emergency Pack <b>EM277V</b> Emergency Pack <b>EMCKT</b> Emergency Circuit <b>DAYCKT</b> Daylight Circuit	<b>NA</b> None <b>WH</b> 6ft whips preinstalled <b>CP</b> Chicago Plenum

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft
Low	5	419
Medium	7	609
High	10	910

<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 105, for 3000K 0.9%, for 2700K, 0.92.

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

Modification date: October,2021

Page 2 of 4

# LSR1 Sharp recessed

## Drivers & Electrical

Remote, dimmable drivers are supplied in enclosures.

## 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

6 lbs per foot

## Optics

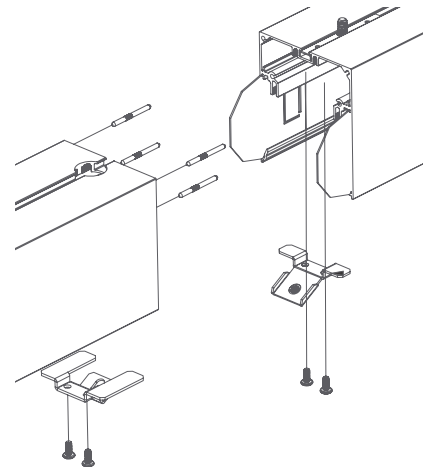
Glare free, beam shaping optical cells.

## Construction

Extruded, recycled aluminum housing with formed steel ends.

## 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.

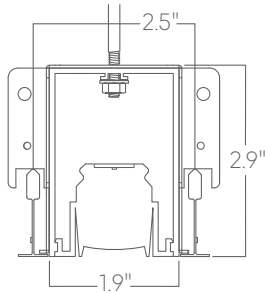


Representative joinery. For product specific details see installation guides or submittal drawings.

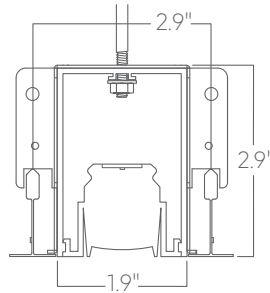
# LSR1 Sharp recessed

## Mounting Options

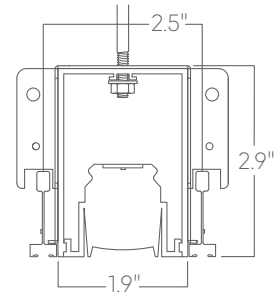
Custom mounting types and ceiling transitions available; consult factory.



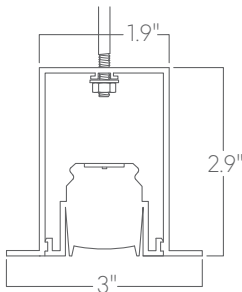
**T**  
9/16" tee grid



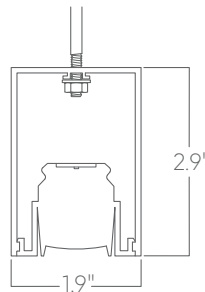
**T15**  
15/16" tee grid



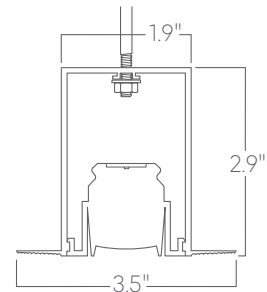
**SG**  
slot grid



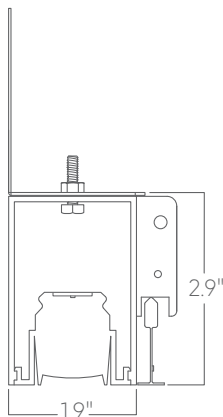
**F**  
flange



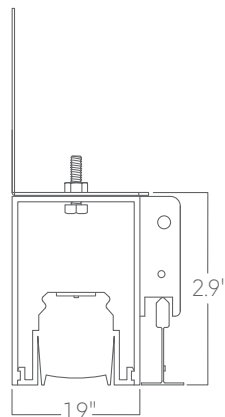
**MW**  
millwork



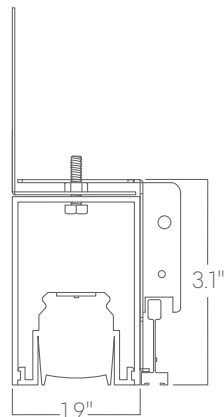
**NT**  
mud-in<sup>1</sup>



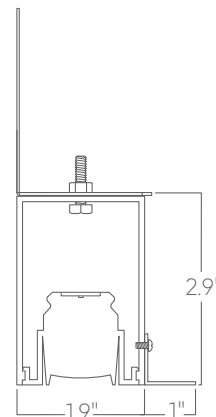
**PM-T**  
perimeter to 9/16" tee grid



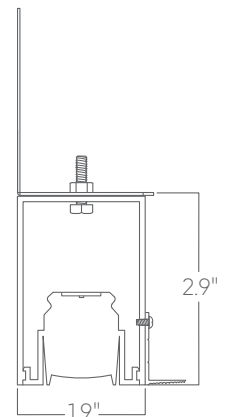
**PM-T15**  
perimeter to 15/16" tee grid



**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.