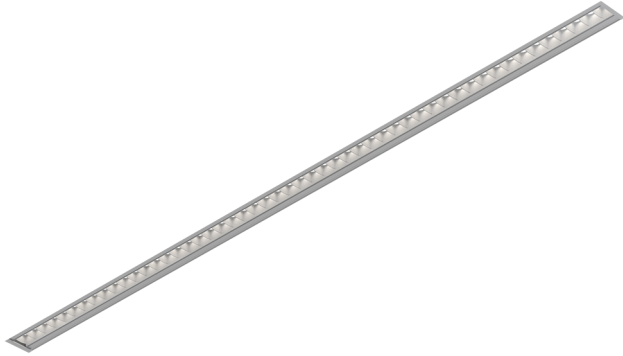


# LSR1 Sharp recessed

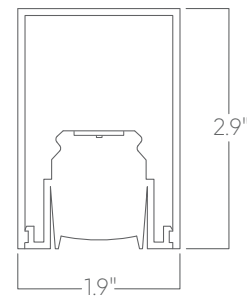


The Sharp Series of architectural luminaires features slim profiles, glare free, beam shaping optical cells and several mounting options. Custom lengths are tailored to suit any modern space. Amazing Throw Optic available for 45° asymmetric distribution.

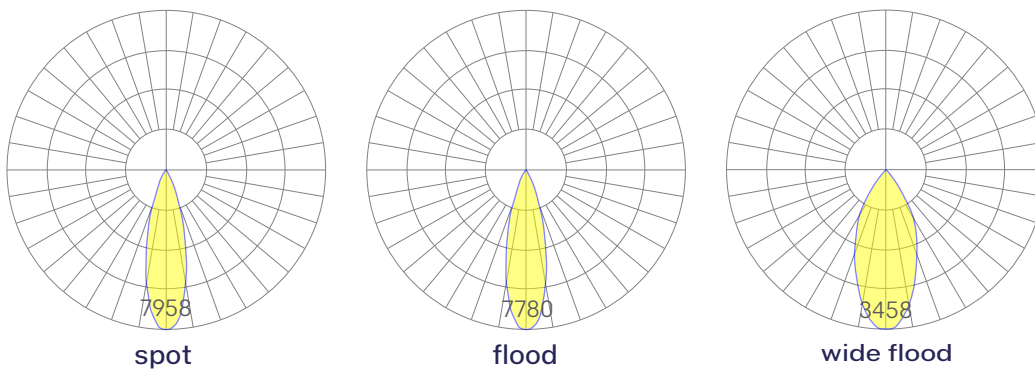
## Features

- 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, 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](#).

# LSR1 Sharp recessed

## Ordering Information

-  -  -  -  -  -  -  -  -  -  -  -

1
2
3
4
5
6
7a
7b
8
9
10
11
12

Example: LSR1 SHARP - 8 - 35 - MED - UNV - DB - W - BLK - 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"/>
LSR1 SHARP	<b>2</b> 2 ft <b>4</b> 4 ft <b>8</b> 8 ft <b>X'X"</b> <sup>1</sup> Specify Length  <small>*Custom lengths available in 12" nominal increments</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>LOW</b> Low output <b>MED</b> Medium output <b>HIGH</b> High output <b>CUST</b> Custom output <sup>1</sup>  <small>*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> <sup>2</sup> Reverse Phase 1% (120V only) <b>TRI</b> <sup>2</sup> 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> <sup>1</sup> DMX512  <small><sup>1</sup>Set to default address 001. Contact us for other addressing needs. <sup>2</sup>For compatible dimmers, click <a href="#">here</a>.</small>	<b>7a - Housing</b> <b>W</b> White <b>BLK</b> Black <b>CC</b> <sup>1</sup> Custom Color  <b>7b - Louver</b> <b>W</b> White <b>BLK</b> Black  <small><sup>1</sup>Custom Color. See finish options <a href="#">here</a>. 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> <sup>1</sup> Perimeter Mount <b>MW</b> <sup>2</sup> 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>ACM</b> Acuity nLight Module Only <b>CCS</b> Casambi Module <b>AWNRR</b> Lutron Athena Wireless Node Module  <small>All control systems are remote. Consult factory for other options.</small>	<b>NA</b> None <b>EMPCK</b> Emergency Battery Pack <b>EMCKT</b> Emergency Circuit <b>DAYCKT</b> Daylight Circuit	<b>NA</b> None <b>WH</b> 6ft whips preinstalled in the remote driver box <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 1.05; for 3000K 0.9%; for 2700K, 0.92.

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

Modification date: February 2023

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# LSR1 Sharp recessed

## Drivers & Electrical

Remote, dimmable drivers are supplied in enclosures.  
For remote driver box sizes, click [here](#).

## Emergency Back-Up

For fixtures three-feet or longer, a 4W remote emergency driver may be wired to 4ft sections. 7W, 10W, and 12W drivers are also available.  
Emergency circuits for use with building generators are also available.

## PoE (Power over Ethernet)

Compatible with virtually all PoE systems including Molex 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

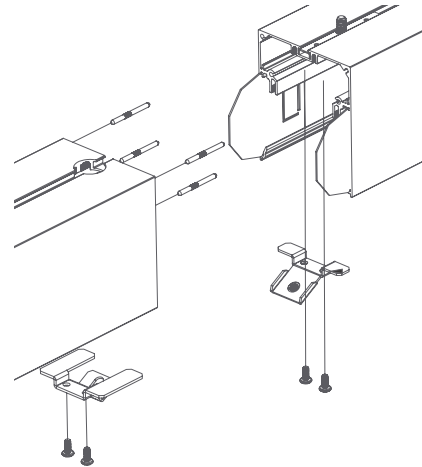
Glare free, beam shaping optical cells.  
Access inside the fixture isn't available after baffles are installed.  
For no trim or flanged fixtures, the baffle is shipped separately from the main fixture, and is installed after the main one is.

## 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.  
\*Custom lengths available in 12" nominal increments

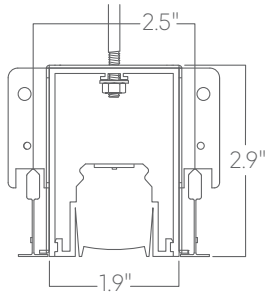


Representative joinery. For product specific details see installation guides or submittal drawings.

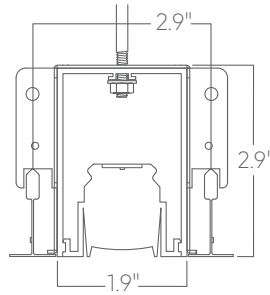
# LSR1 Sharp recessed

## Mounting Options

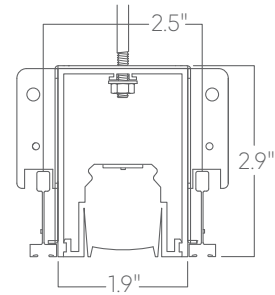
Custom mounting types and ceiling transitions available; consult factory.



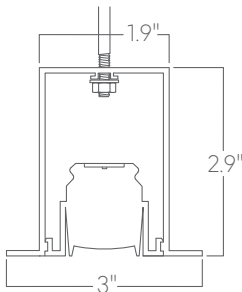
**T**  
9/16" tee grid



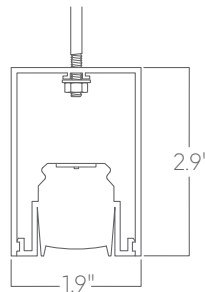
**T15**  
15/16" tee grid



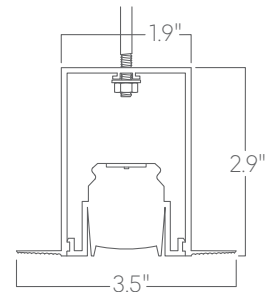
**SG**  
slot grid



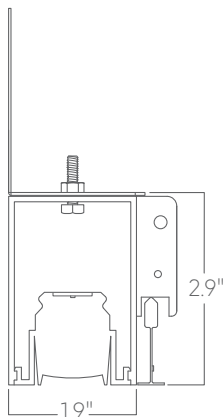
**F**  
flange



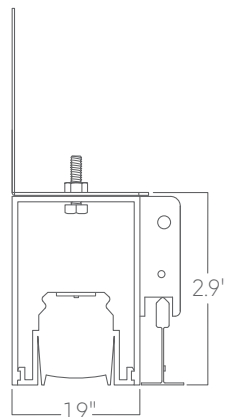
**MW**  
millwork



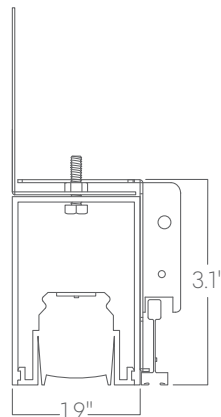
**NT**  
mud-in



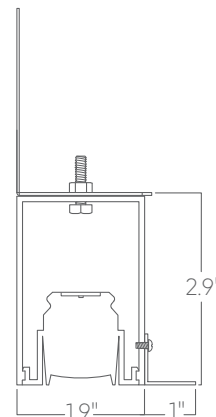
**PM-T**  
perimeter to 9/16" tee grid



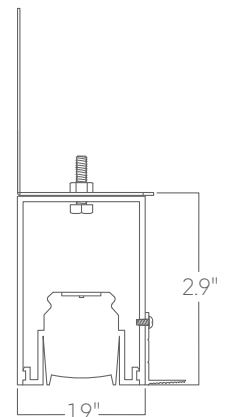
**PM-T15**  
perimeter to 15/16" tee grid



**PM-SG**  
perimeter to slot grid



**PM-F**  
perimeter to flange



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