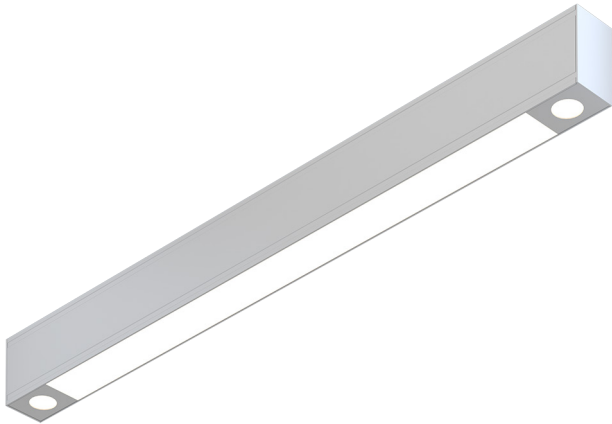


# LS3 MR direct

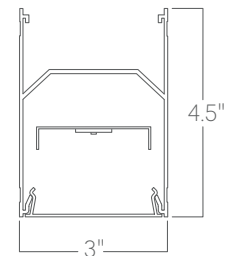


The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

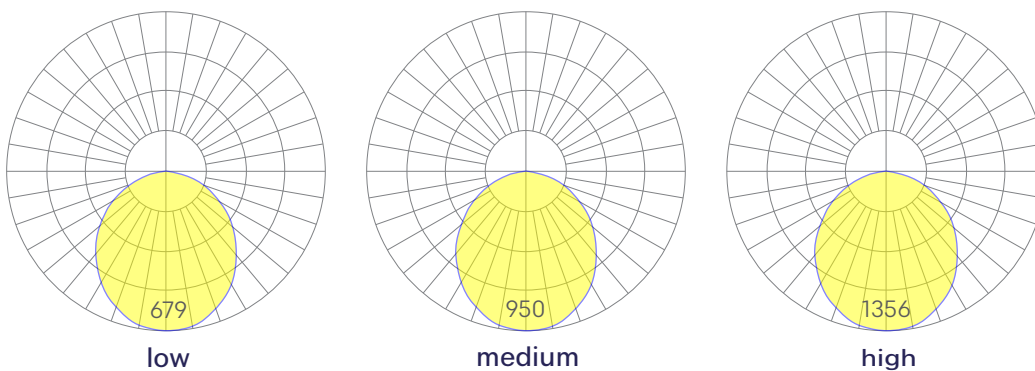
## Features

- 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](#).

# LS3 MR direct

## Ordering Information



Example: LS3 MR - 8 - 35 - MED - UNV - DB - W - AC - FL - CCS - DAYCKT - 10° STD

Fixture ID	Length	Color Temperature	Output
<b>LS3 MR</b>	<b>2</b> 2 ft <b>4</b> 4 ft <b>8</b> 8 ft <b>X'-X"</b> Specify Length <sup>1</sup> <b>PAT</b> Pattern (Consult Factory)	<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>WD<sup>1</sup></b> Warm Dim 2200K-3000K <b>TW<sup>2</sup></b> Tunable White 2700K-6500K <b>RGBW30<sup>3</sup></b> RGB +white, 3000k <b>RGBW35<sup>3</sup></b> RGB +white, 3500k <b>RGBW40<sup>3</sup></b> RGB +white, 4000k	<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>Precision lengths may be specified to the nearest 1/8". All lengths are nominal unless specified to be exact.</small>		<small><sup>1</sup>Must use WD10 driver.  <sup>2</sup>Must use TW10 or PSQ driver.  <sup>3</sup>Must use remote DMX driver. "High" output not available.</small>	
Voltage	Driver	Finish	Mounting
<b>UNV 347V<sup>1</sup></b> Universal (120/277V) 347V	<b>DB</b> Standard 0-10V 1% <b>DB.1%</b> 0-10V 0.1% <b>ELV<sup>2</sup></b> Reverse Phase 1% (120V only) <b>TRI<sup>2</sup></b> Forward phase (120V only) <b>LDE1</b> Lutron Digital EcoSystem <b>DALI</b> DALI-2 Driver <b>PoE</b> Power over ethernet. <b>TW10</b> Dual channel, 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<sup>1</sup></b> DMX512	<b>W</b> White <b>BLK</b> Black <b>SLV</b> Silver <b>CC<sup>1</sup></b> Custom Color <b>CWF<sup>1</sup></b> Custom Wood Finish	<b>AC</b> Aircraft Cable (50") <b>AC3.5</b> 3.5" canopy + jbox adaptor <sup>1</sup> <b>ACPC</b> Aircraft cable to Conduit Pipe Canopy <b>SMHC</b> Surface Mount, Hard Ceiling <b>MTB</b> Surface Mount, Tbar Clip <b>WM</b> Wall Mount <b>PS-X</b> Pendant Stem (12", 18", 24", 36", 48")
<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>Adaptor must be mudded-in                  White stems and canopy provided unless otherwise specified in options (section 12).</small>	
Optics	Sensors/Controls	Circuit	Options
<b>FL</b> Flat diffuser <b>ASYM</b> Asymmetric optic <b>WW</b> Wall wash	<b>NA</b> None <b>EIS</b> Enlighted sensor <b>WISM</b> Wattstopper occupancy <b>WISD</b> Wattstopper daylight <b>ACM</b> Acuity nLight module only <b>ACS</b> Acuity nLight sensor <b>ACA</b> Acuity nLight air <b>CCS</b> Casambi module <b>AWNRR</b> Lutron Athena Wireless Node <b>AWNS</b> Lutron Athena Wireless Sensor	<b>NA</b> None <b>DC<sup>1</sup></b> Dual Circuit (separate linear downlight/MR16 lamp control) <b>EMPKT</b> Emergency battery pack <b>EMCKT<sup>1</sup></b> Emergency circuit <b>DAYCKT<sup>1</sup></b> Daylight circuit	<b>10° STD</b> 10° standard beam MR <b>25° CRC</b> 25° circular beam MR <b>36° CRC</b> 36° circular beam MR <b>60° CRC</b> 60° circular beam MR <b>60° LNR</b> 60° LNR 10°x60° linear beam <b>HEX</b> hexcell louver (can add to any beam spread)
<small>Consult factory for more options, or click here.</small>		<small><sup>1</sup>May require additional power feeds. Consult factory</small>	
<small>See page 5 for configuration options.</small>			

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft	LPW
Low	5	505	101
Medium	7	674	96*
High	10	919	92

<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 113 LPW

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

Modification date: July, 2023

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# LS3 MR direct

## 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 Molex Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox. Consult Factory for systems not listed, See [here](#) for more info.

## Finishes

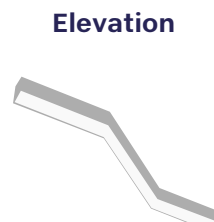
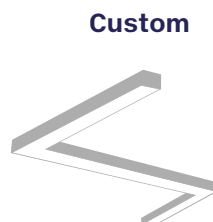
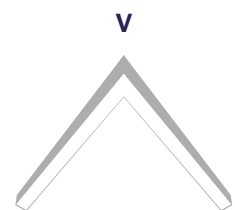
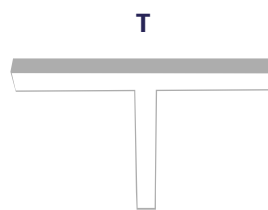
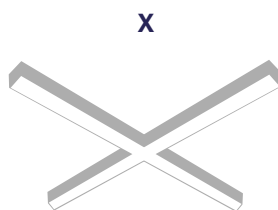
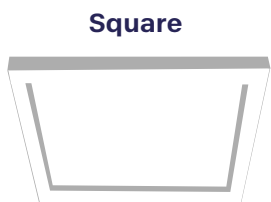
All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

## Weight

3 lbs per foot

## Patterns

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



## Optics

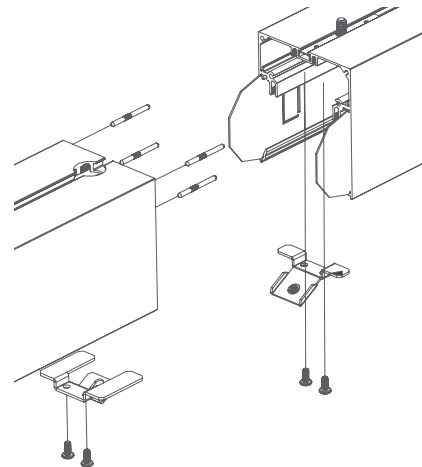
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

## 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.

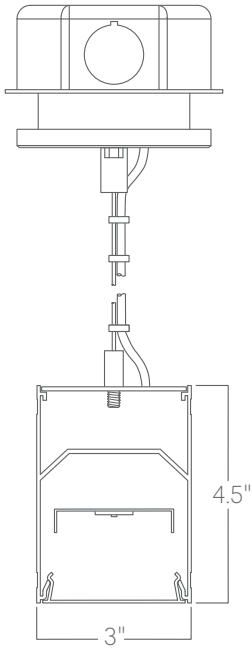


Representative joinery. For product specific details see installation guides or submittal drawings.

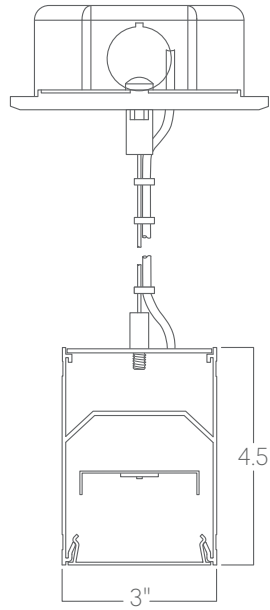
# LS3 MR direct

## Mounting Options

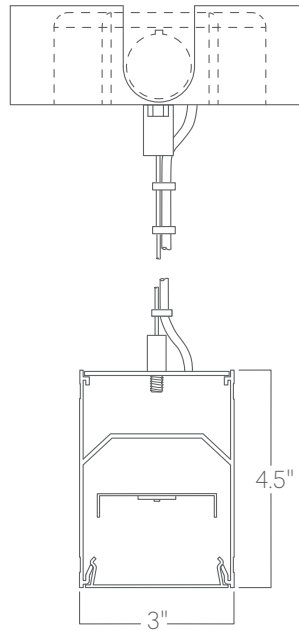
Custom mounting types and ceiling transitions available; consult factory.



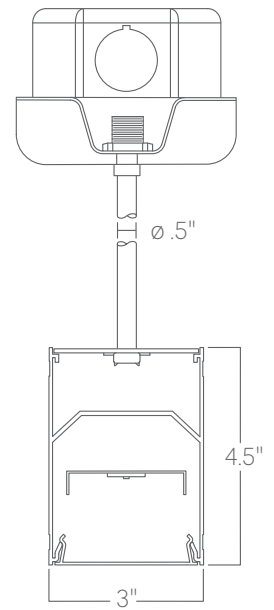
**Aircraft cable  
3.5" canopy**



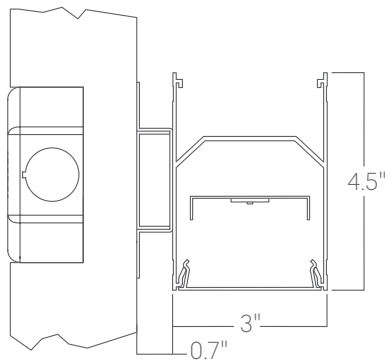
**Aircraft cable  
5" canopy**



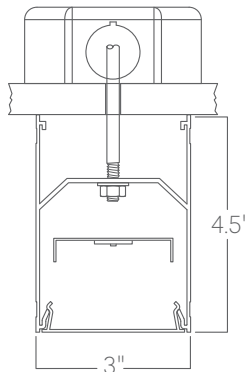
**Aircraft cable  
Conduit canopy  
with knockouts**



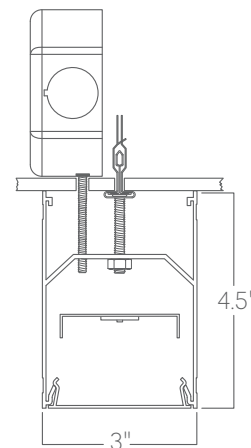
**Pendant stem**



**Wall mount**



**Surface mount  
Hard Ceiling**



**Surface mount  
T Bar clip**

# LS3 MR direct

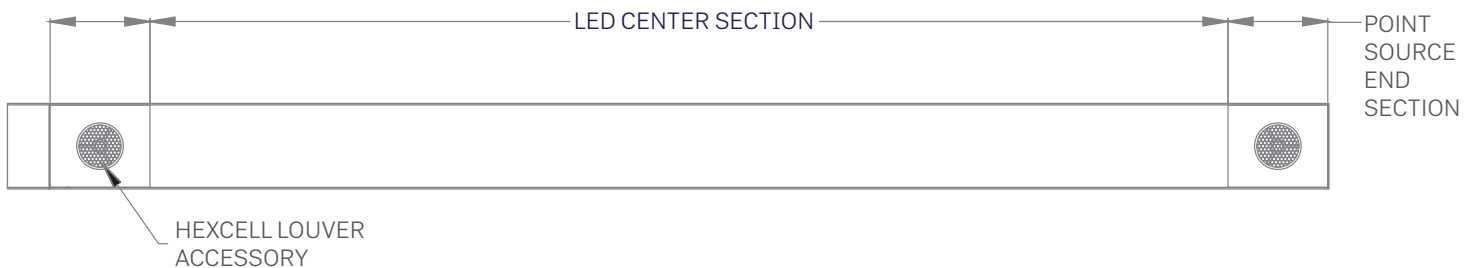
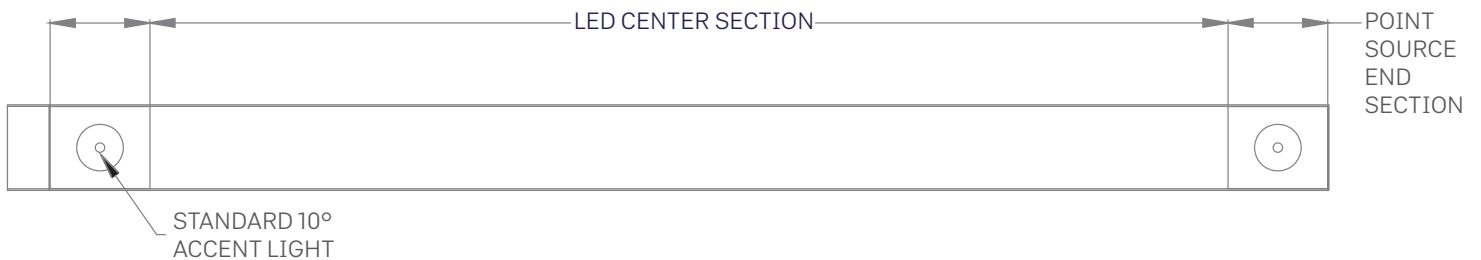
## ACCENT LED Downlight information

SORAA MR16, 95CRI LED lamps provided with optional filters for flexible beam spread. Please note that when choosing a color temperature of 3500K, it will be a 4000K lamp with a color correcting filter supplied to achieve the specified color temperature.

### OPTIONAL BEAM SPREADS AND FILTERS

- 10° Standard Lens
- 25° Circular Beam Spread\*
- 36° Circular Beam Spread\*
- 60° Circular Beam Spread\*
- 10° x 60° Linear Beam Spread\*
- Hexcell Louver for Reduced Glare (can be added to any beam spread)\*

\*Standard 10° SORAA lamp supplied with specially designed snap-in filter to create requested beam spread.



Please Note: On an individual fixture accent lights are placed on either end of the unit. For continuous runs, accent lights are placed every 8 feet. Consult Factory for alternative placement. Fixture must be a minimum of 4 feet.