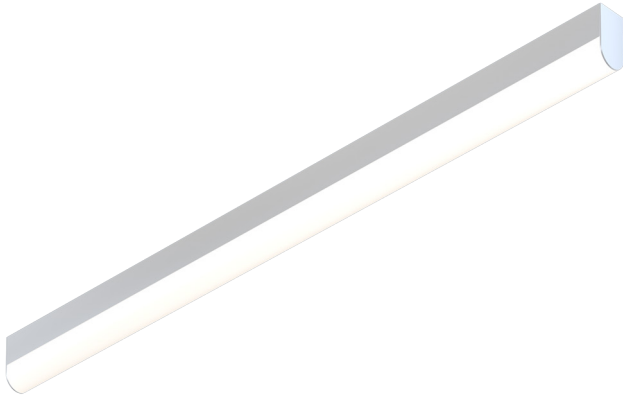


# LS1 Round direct

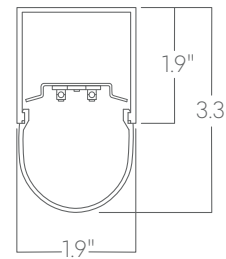


The LS Series of architectural luminaires offers a wide range of profiles and mounting options. Custom lengths and patterns are tailored to suit any modern space.

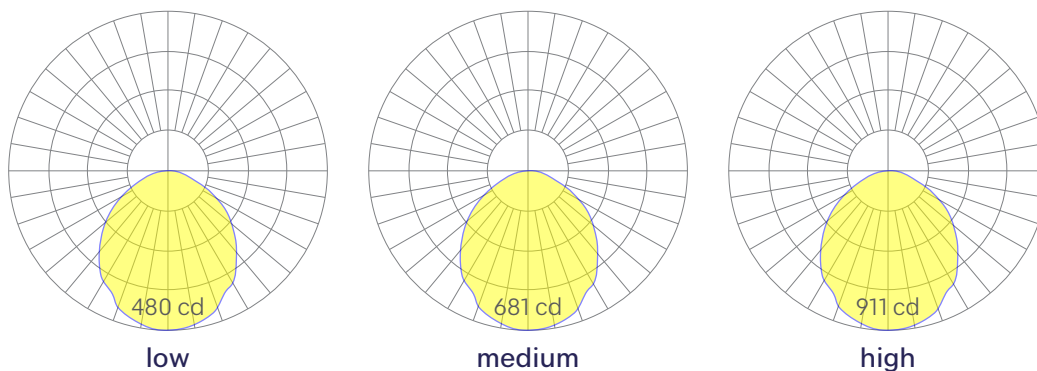
## Features

- 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
- Compatible with all wood ceilings
- WELL Building Standard compatible [learn more](#)

## Dimensions



## Optics



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

# LS1 Round direct

## 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>LS1 RD</b>	<b>2</b>	2 ft	<b>27</b>	2700K/90 CRI	<b>LOW</b>	Low output
		<b>4</b>	4 ft	<b>30</b>	3000K/90 CRI	<b>MED</b>	Medium output
		<b>8</b>	8 ft	<b>35</b>	3500K/90 CRI	<b>HIGH</b>	High output
		<b>X'-X"</b>	Specify Length	<b>40</b>	4000K/90 CRI	<b>CUST</b>	Custom output Specify Watts or lumens
		<b>PAT</b>	Pattern (Consult Factory)	<b>50</b>	5000K/90 CRI		
				<b>WD</b>	Warm Dim 2200K-3000K Must use WD10 driver		
				<b>TW</b>	Tunable White 2700K-6500K Must use WD10 or PSQ driver		
				<b>RGBW30</b>	RGB +white, 3000k Remote DMX. High output unavailable.		
				<b>RGBW35</b>	RGB +white, 3500k Remote DMX. High output unavailable.		
				<b>RGBW40</b>	RGB +white, 4000k Remote DMX. High output unavailable.		
5	Voltage	6	Driver	7	Finish	8	Mounting
<b>UNV</b>	Universal (120/277V)	<b>DB</b>	Standard 0-10V 1%	<b>W</b>	White	<b>AC</b>	Aircraft cable (50")
<b>347V</b>	347V Available for DB Driver only	<b>DB.1%</b>	0-10V 0.1%	<b>BLK</b>	Black	<b>ACTB9</b>	Aircraft cable, Tbar clip, 9/16"
		<b>ELV</b>	Reverse Phase 1% (120V only) For compatible dimmers, click <a href="#">here</a> .	<b>SLV</b>	Silver	<b>ACTB15</b>	Aircraft cable, Tbar clip, 15/16"
		<b>TRI</b>	Forward phase (120V only) For compatible dimmers, click <a href="#">here</a> .	<b>CC</b>	Custom Color See finish options <a href="#">here</a> .	<b>ACTBSG</b>	Aircraft cable, Tbar clip, Slot Grid
		<b>LDE1</b>	Lutron Digital EcoSystem	<b>CWF</b>	Custom Wood Finish See finish options <a href="#">here</a> .	<b>AC3.5</b>	3.5" canopy + Jbox adaptor adaptor must be mudded-in.
		<b>JA8</b>	JA8 compliant 1% dimming			<b>ACCC</b>	Aircraft cable to Conduit Pipe Canopy
		<b>DALI</b>	DALI-2 Driver			<b>PS-X</b>	Pendant stem (12", 18", 24", 36", 48")
		<b>PoE</b>	Power over ethernet.			<b>SMHC</b>	Surface Mount, Hard Ceiling
		<b>TW10</b>	2 ch, 0-10V for tunable white.			<b>SMTB9</b>	Surface Mount, Tbar Clip, 9/16"
		<b>WD10</b>	0-10V Warm Dim			<b>SMTB15</b>	Surface Mount, Tbar Clip, 15/16"
		<b>PSQ</b>	Lutron T-Series 2-channel 1% For tunable white			<b>SMTBSG</b>	Surface Mount, Tbar Clip, Slot Grid
		<b>DMX</b>	DMX512 All DMX drivers set to default address 001 and provided in remote enclosers. Contact us for other addressing needs.			<b>WM</b>	Wall Mount
9	Optics	10	Sensors/Controls	11	Circuit	12	Options
<b>RD</b>	Round Diffuser	<b>NA</b>	None	<b>NA</b>	None	<b>STD</b>	White Canopy + White Cord
		<b>ACM</b>	Acuity nLight Module Only	<b>EMPCK</b>	Emergency battery pack May require additional power feeds.	<b>CAN-X</b>	Canopy + color See finish options <a href="#">here</a> .
		<b>CCS</b>	Casambi Module	<b>EMCKT</b>	Emergency circuit May require additional power feeds.	<b>SJ-BLK</b>	Black cord
		<b>AWNDR</b>	Lutron Athena Wireless Node Module	<b>DAYCKT</b>	Daylight circuit May require additional power feeds.	<b>SJ-WHT</b>	White cord
		<b>OTHER</b>	Consult Factory				

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft	LPW
Low	5	467	93
Medium	7	681	97*
High	10	887	89

<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.

\*80 CRI equivalent 115 LPW

## Technical Information



click [here](#) or  
scan QR code

Wiring diagrams, PoE and sensor details

# LS1 Round 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 Moxel Coresync, Igor, Smartengine, Platformatics, and NuLED SPICEbox.

Consult factory for systems not listed. See [here](#) for more info.

## Finishes

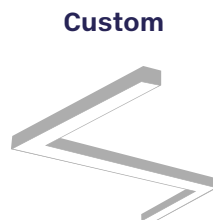
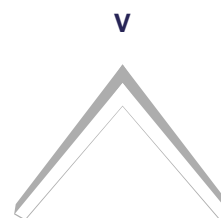
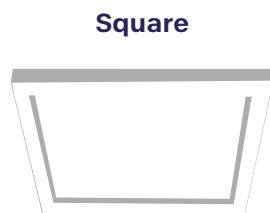
All luminaires are finished in high quality polyester powder coating. Our standard color is white. Any RAL color may be specified.

## Weight

3 lbs per foot

## Patterns

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



## Optics

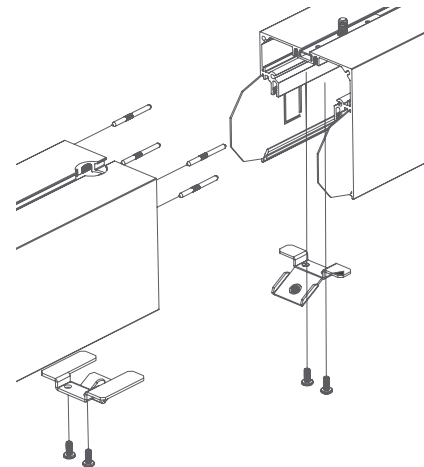
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

## 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.

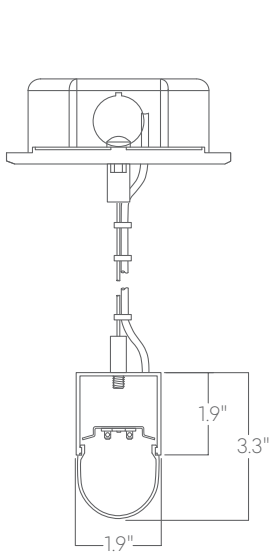


Representative joinery. For product specific details see installation guides or submittal drawings.

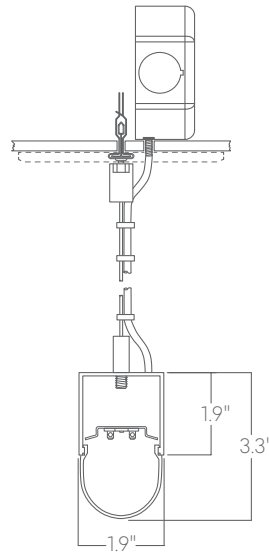
# LS1 Round direct

## Mounting Options

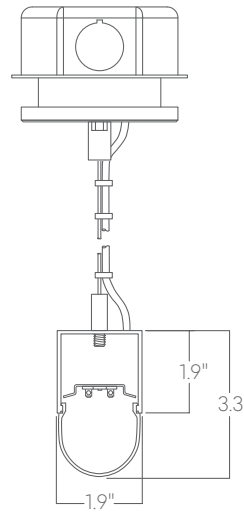
Custom mounting types and ceiling transitions available; consult factory.



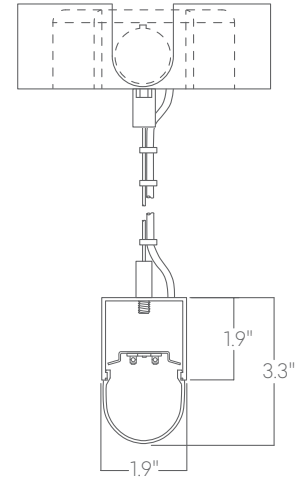
**Aircraft cable  
5" canopy**



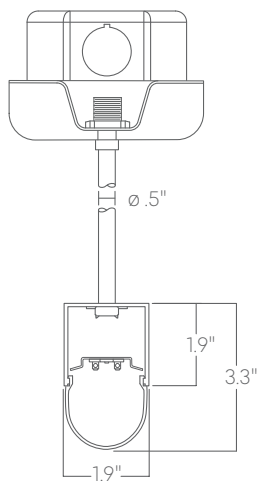
**Aircraft cable  
5" canopy, T Bar Clip**



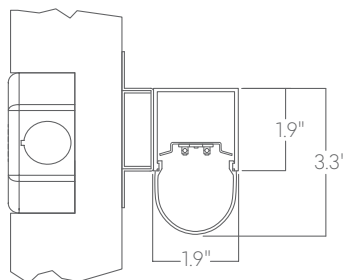
**Aircraft cable  
3.5" canopy**



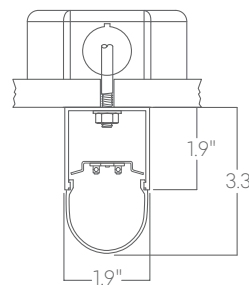
**Aircraft cable  
Conduit canopy  
with knockouts**



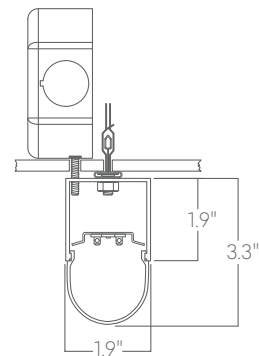
**Pendant stem**



**Wall mount**



**Surface mount  
Hard Ceiling**



**Surface mount  
T Bar clip**

Please consult factory shop drawings for suspension points.

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.