

# Joint Sharp

Linear modular system

A slim linear system using specifiable modular connection types. Specially designed louver for 'quiet' lighting and optional beam spreads. Custom lengths and endless configurations.

# Joint Sharp Connector

Modular connection points for linear patterns.



## Features

- Several connection types for various configurations
- 30 degree elevations
- Extruded, recycled, premium aluminum
- 5 Year, 50,000 hour warranty

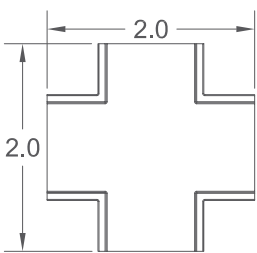
## Ordering Information



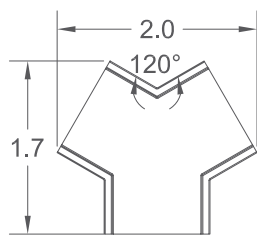
Example: JOINT-CNCT - 90° - BLK

Fixture ID	1	Connection Type	2	Finish	3
JOINT SHARP-CNCT		<b>90°</b> 90° Corner <b>120°</b> 120° Corner <b>Y</b> 120° 'Y' Pattern <b>X</b> 'X' Pattern <b>T</b> 'T' Pattern		<b>W</b> White <b>BLK</b> Black <b>CC</b> Custom Color	
		<small>*Drawing required upon ordering</small>		<small>*Custom Color. See finish options here.</small>	

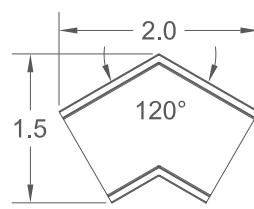
## Dimensions



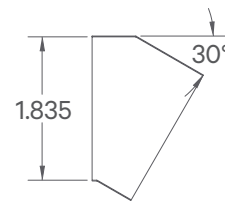
90° 'X' Joint



120° 'Y' Joint

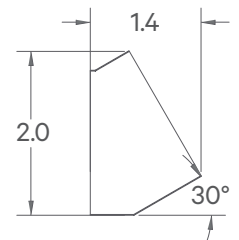


120° Joint



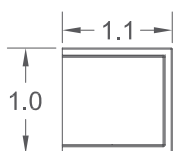
30° Down Extender\*

\*To be used in addition to joint

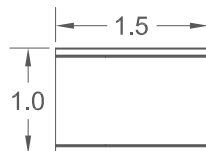


30° Up- Extender\*

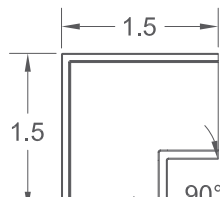
\*To be used in addition to joint



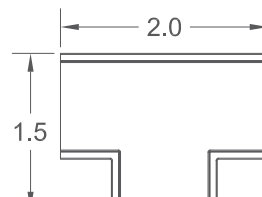
End Joint



Straight Joint



90° Joint

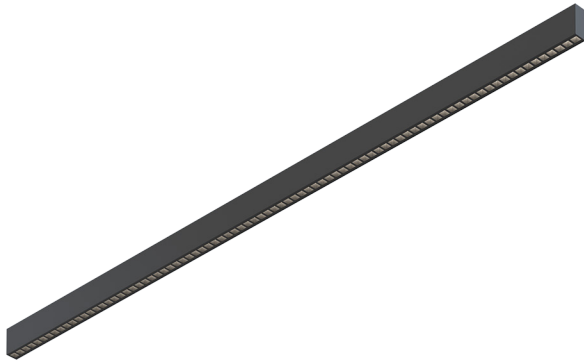


'T' Joint

Modification date: October,2021

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# Joint Sharp - Linear direct

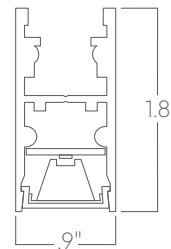


Linear component with louver available in custom lengths and patterns.

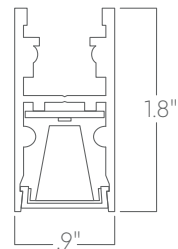
## Features

- Three beam spreads available
- Extruded, recycled, premium aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- 5 Year, 50,000 hour warranty

## Dimensions

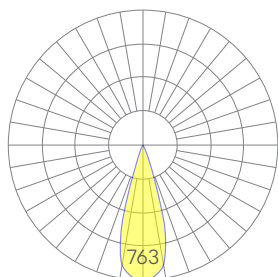


baffle wide

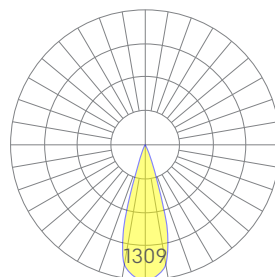


baffle narrow

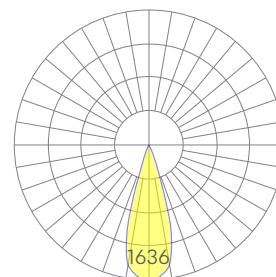
## Optics



low



medium



high

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

# Joint Sharp - Linear direct

## Ordering Information



Example: JOINT LIN - 8 - 35 - MED - UNV - DB - W - AC - SD - CCS - DAYCKT - NA

Fixture ID	1	Length	2	Color Temperature	3	Output	4
JOINT LIN		<b>4</b> 4 ft <b>8</b> 8 ft <b>X'-X"</b> Specify Length <sup>1</sup>  *Drawing must be submitted designating connector type(s) and placement. Straight connector required for lengths over 8ft  <sup>1</sup> Precision lengths may be specified in 4" increments.		<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>	
Voltage	5	Driver	6	Finish	7	Mounting	8
<b>UNV 347V</b> Universal (120/277V) 347V		<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<sup>1</sup></b> DMX512  <sup>1</sup> Set to default address 001. RDM capable. Contact us for other addressing needs. All drivers remote		<b>7a - Housing</b> <b>W</b> White <b>BLK</b> Black <b>CC<sup>1</sup></b> Custom Color  <b>7b - Louver</b> <b>W</b> White <b>BLK</b> Black  <sup>1</sup> Custom Color. See finish options here. White SJ cord and canopy provided; for other requests, see section 12, to specify.		<b>AC</b> Aircraft Cable (50")  White canopy provided. Must specify other requests.	
Optics	9	Sensors/Controls	10	Circuit	11	Options	12
<b>BNB</b> Baffle Narrow - Black (36° Beam Spread) <b>BWB</b> Baffle Wide - Black (62° Beam Spread) <b>BNW</b> Baffle Narrow - White (40° Beam Spread) <b>BWW</b> Baffle Wide - White (65° Beam Spread)		<b>NA</b> None <b>ACM</b> Acuity nLight Module Only <b>CCS</b> Casambi Module		<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>CAN-X<sup>1</sup></b> Canopy + color <b>SJ-X<sup>2</sup></b> SJ Cord + color  <sup>1</sup> White SJ cord and canopy provided; use above nomenclature for other requests. <sup>2</sup> See finish options here.	

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft
Low	4	247
Medium	5	423
High	7	528

<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 0.96; for 2700K, 0.92.

## Technical Information



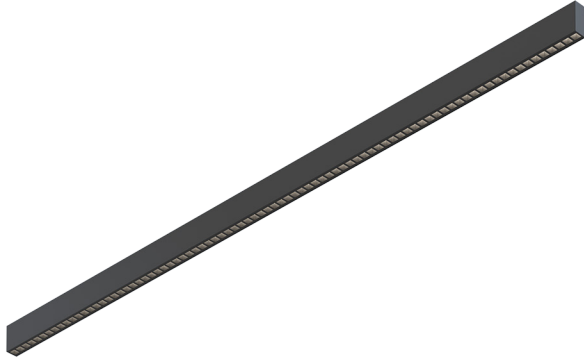
click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

Modification date: October, 2021

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# Joint Sharp - Linear indirect/direct

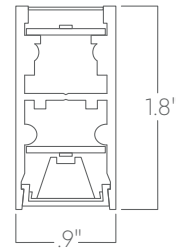


Linear component with louver available in custom lengths and patterns.

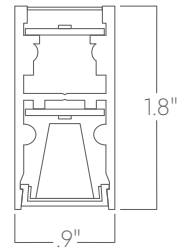
## Features

- Three beam spreads available
- Extruded, recycled, premium aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- 5 Year, 50,000 hour warranty

## Dimensions

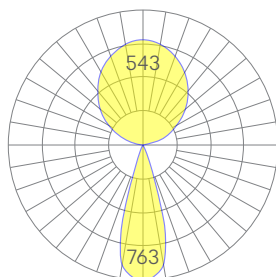


baffle wide

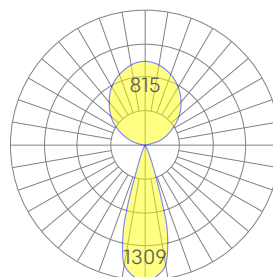


baffle narrow

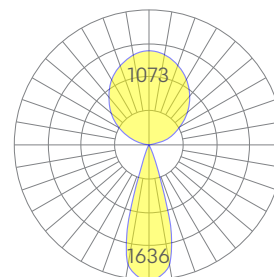
## Optics



low



medium



high

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

# Joint Sharp - Linear indirect/direct

## Ordering Information



Example: JOINT SHARP UPDN - 8 - 35 - MED - MED - UNV - DB - W - AC - SD - SD - 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="4a -"/> <input type="text" value="4b -"/>
<b>JOINT SHARP LIN UPDN</b>	<b>4</b> 4 ft <b>8</b> 8 ft <b>X"-X"</b> Specify Length <sup>1</sup>  *Drawing must be submitted designating connector type(s) and placement. Straight connector required for lengths over 8ft  <sup>1</sup> Precision lengths may be specified in 4" increments.	<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>4a - Indirect</b> <b>LOW</b> Low output <b>MED</b> Medium output <b>HIGH</b> High output <b>CUST</b> Custom output!  <b>4b - Direct</b> <b>LOW</b> Low output <b>MED</b> Medium output <b>HIGH</b> High output <b>CUST</b> Custom output!  <sup>1</sup> consult factory
<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 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</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<sup>1</sup></b> DMX512  <sup>1</sup> Set to default address 001. RDM capable. Contact us for other addressing needs. <b>All drivers remote</b>	<b>7a - Housing</b> <b>W</b> White <b>BLK</b> Black <b>CC<sup>1</sup></b> Custom Color  <b>7b - Louver</b> <b>W</b> White <b>BLK</b> Black  <sup>1</sup> Custom Color. See finish options here. White SJ cord and canopy provided; for other requests, see section 12, to specify.	<b>AC</b> Aircraft Cable (50")  White canopy provided. Must specify other requests.
<b>Optics</b> <input type="text" value="9a -"/> <input type="text" value="9b -"/>	<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>7a - Indirect</b> <b>SD</b> Standard Diffuser  <b>7b - Direct</b> <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  Consult factory for other options.	<b>NA</b> None <b>DC<sup>1</sup></b> Dual Circuit (separate indirect/direct control) <b>EM120V</b> Emergency pack <b>EM277V</b> Emergency pack <b>EMCKT<sup>1</sup></b> Emergency circuit <b>DAYCKT<sup>1</sup></b> Daylight circuit  <sup>1</sup> May require additional power feeds. Consult factory.	<b>NA</b> None <b>CAN-X<sup>1</sup></b> Canopy + color <b>SJ-X<sup>2</sup></b> SJ Cord + color  <sup>1</sup> White SJ cord and canopy provided; use above nomenclature for other requests. <sup>2</sup> See finish options here.

## Performance

Output <sup>1</sup>	indirect		direct	
	Watts/ft	Lumens/ft	Watts/ft	Lumens/ft
Low	4	340	4	247
Medium	6	510	6	423
High	8	670	8	528

<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.

## Technical Information



click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

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### 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 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

2 lbs per foot

### Optics

Glare free, beam shaping optical cells.

### Construction

Extruded, recycled aluminum housing with formed steel ends.