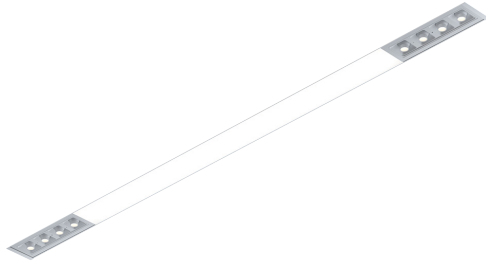


# LSR2 Downlight

Recessed linear modular system

A linear system using specifiable modular downlights. Custom placement of modules available in three different forms: fixed, adjustable, and wall wash. All available with various beam spreads. Linear patterns offered giving this system a wide range of custom capabilities.

# LSR2 Downlight - Linear recessed

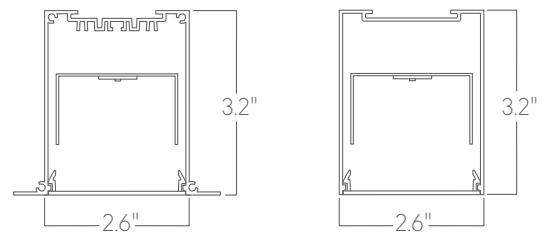


Recessed, linear component available in custom lengths and patterns.

## Features

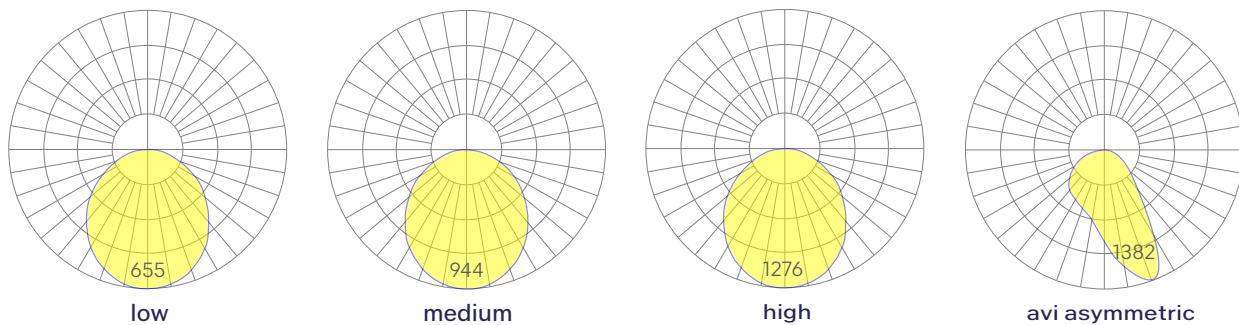
- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- 5 Year, 50,000 hour warranty, damp location rated

## Dimensions



flange/mud-in flange    grid/slot grid/millwork

## Optics



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

# LSR2 Downlight - Linear recessed

## Ordering Information



Example: LSR2 DL LIN - 8 - 35 - MED - UNV - DB - W - NT - FL - CCS - DAYCKT - NA

Fixture ID	1	Length	2	Color Temperature	3	Output	4
LSR2 DL LIN		<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)  *Drawing must be submitted designating linear and modular placement.  *Precision lengths may be specified to the nearest 1/8".		<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</b> <sup>1</sup> Warm Dim 2200K-3000K <b>TW</b> <sup>2</sup> Tunable White 2700K-6500K <b>RGBW30</b> <sup>3</sup> RGB +white, 3000k <b>RGBW35</b> <sup>3</sup> RGB +white, 3500k <b>RGBW40</b> <sup>3</sup> RGB +white, 4000k  *Must use WD10 driver. *Must use TW10 or PSQ driver. *Must use remote DMX driver. "High" output not available.		<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
UNV 347V <sup>1</sup> Universal (120/277V) 347V		<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>JA8</b> JA8 compliant 1% dimming <b>DALI</b> DALI-2 Driver <b>PoE</b> Power over ethernet. <b>TW10</b> 2 ch, 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</b> <sup>1</sup> DMX512  *Set to default address 001. Contact us for other addressing needs. All DMX drivers provided in remote enclosures. *For compatible dimmers, click <a href="#">here</a> .		<b>W</b> White <b>BLK</b> Black <b>SLV</b> Silver <b>CC</b> <sup>1</sup> Custom Color		<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  *X denotes mounting type on opposite side of wall (eg PM-NT). *Consult Factory	
Optics	9	Sensors/Controls	10	Circuit	11	Options	12
FL Flat diffuser AVI ASY Asymmetric optic		<b>NA</b> None <b>EIS</b> Enlighted sensor <b>WISM</b> Wattstopper occupancy sensor <b>WISD</b> Wattstopper daylight sensor <b>ACM</b> Acuity nLight module only <b>ACS</b> Acuity nLight sensor <b>CCS</b> Casambi module <b>AWN</b> Lutron Athena Wireless Node Module  Consult factory for other options.		<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 <b>CP</b> Chicago Plenum	

## Performance

Output <sup>1</sup>	Watts/ft	Lumens/ft
Low	5	361
Medium	7	571
High	10	652

<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



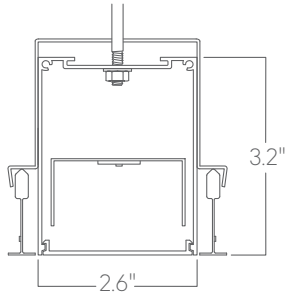
click [here](#) or scan QR code

Wiring diagrams, PoE and sensor details

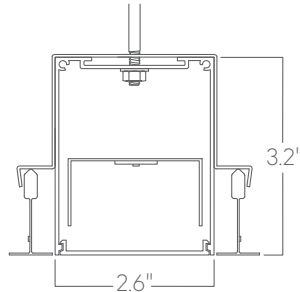
# LSR2 Downlight - Linear recessed

## Mounting Options

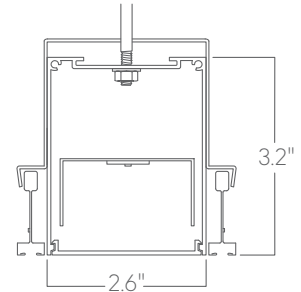
Custom mounting types and ceiling transitions available; consult factory.



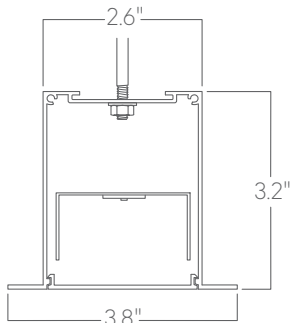
**T**  
9/16" tee grid



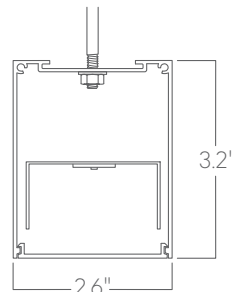
**T15**  
15/16" tee grid



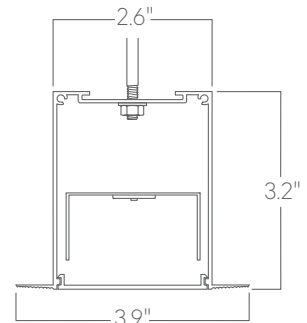
**SG**  
slot grid



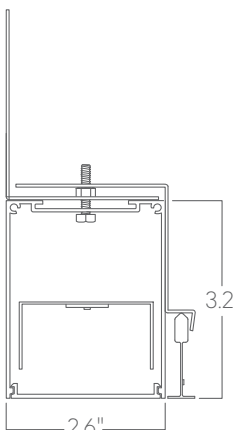
**F**  
flange



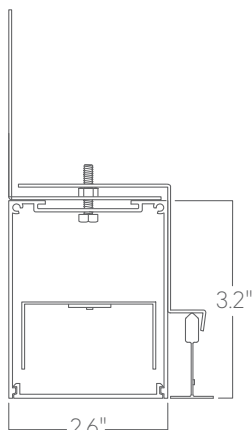
**MW**  
millwork



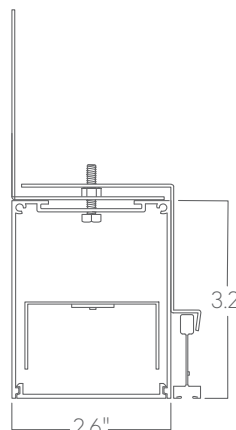
**NT**  
mud-in



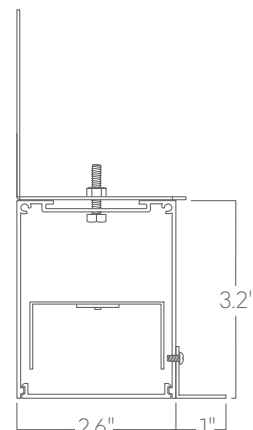
**PM-T**  
perimeter to 9/16" tee grid



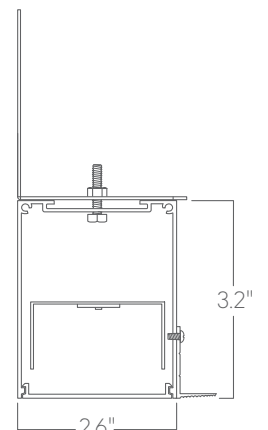
**PM-T15**  
perimeter to 15/16" tee grid



**PM-SG**  
perimeter to slot grid



**PM-F**  
perimeter to flange



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

# LSR2 Downlight - Linear recessed

## 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.

## Optics

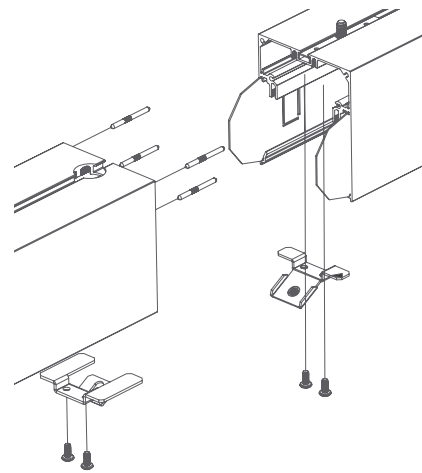
Extruded satin acrylic lenses provide excellent diffusion, high transmission, and no LED imaging.

## Construction

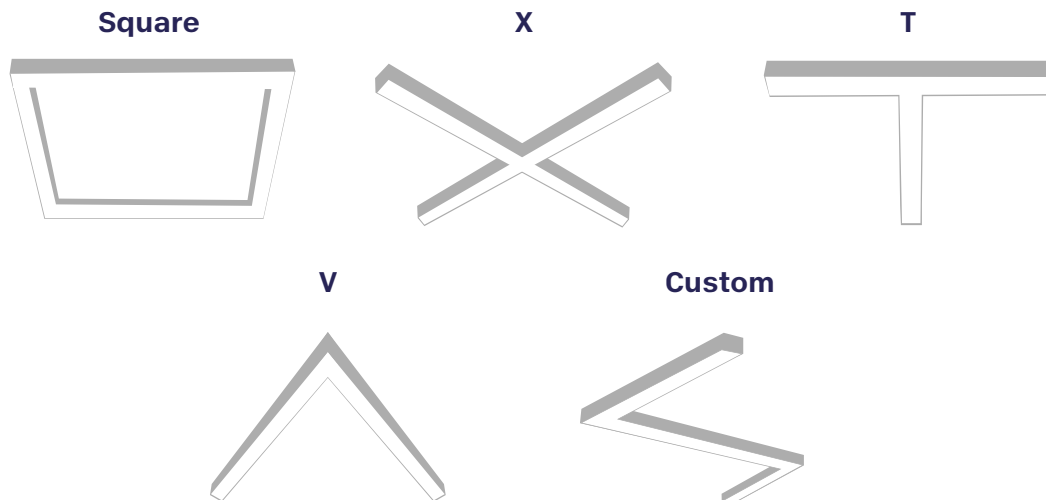
Housings are extruded premium, recycled aluminum. Individual fixtures are available up to 12' long and may be specified as nominal or precision lengths. Precision lengths are supplied within 1/8" tolerance.

## 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.



# LSR2 Downlight - Fixed Module

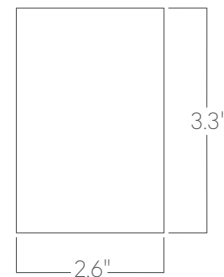


Fixed, four-optic downlight module available with several beam spreads.

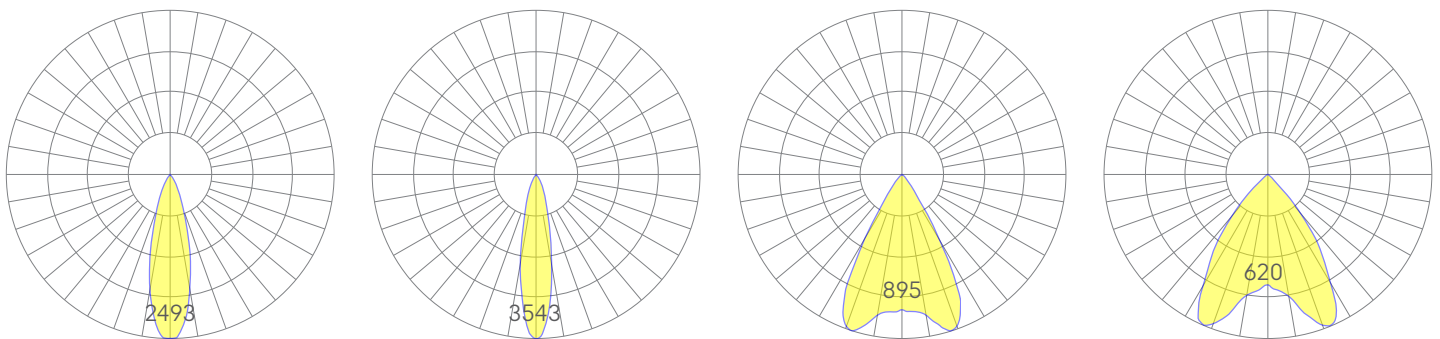
## Features

- Four beam spreads available
- 8" in length
- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- 5 Year, 50,000 hour warranty, damp location rated

## Dimensions



## Optics



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

# LSR2 Downlight - Fixed Module

## Ordering Information



Example: LS2 DL FX - 35 - MED - W - DB - WFL - W

<b>Fixture ID</b> <input type="text" value="1"/>	<b>Color Temperature</b> <input type="text" value="2"/>	<b>Output</b> <input type="text" value="3"/>	<b>Driver</b> <input type="text" value="4"/>
<b>LSR2 DL FX</b>	<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>DB<sup>1</sup></b> Standard 0-10V 1% <b>DB.1%<sup>2</sup></b> 0-10V 0.1% <b>PoE<sup>3</sup></b> Power over Ethernet
<b>Beam Spread</b> <input type="text" value="5"/>	<b>Finish</b> <input type="text" value="6"/>		
<b>SP</b> 20° Beam, 3569 CBCP <b>FL</b> 30° Beam, 2542 CBCP <b>WFL</b> 62° Beam, 702 CBCP <b>XWFL</b> 80° Beam, 379 CBCP	<b>BLK</b> Black <b>W</b> White		
<small>*Trim is white, nodes and plate must be black.</small>			

<sup>1</sup> Driver housed in canopy.  
<sup>2</sup> Driver housed in remote enclosure.  
<sup>3</sup> Housing varies. Consult factory.

## Performance

Output <sup>1</sup>	Watts	Lumens
Low	9	562
Medium	12	728
High	16.75	908

Based on 'SP' beam spread, 90 CRI, 3500K luminaire using one driver.

<sup>1</sup>For 4000k, multiply by 1.05; for 3000k, 0.96; for 2700k, 0.92.

# LSR2 Downlight - Adjustable Module

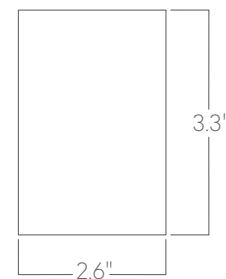


Adjustable, four-optic downlight module available with several beam spreads.

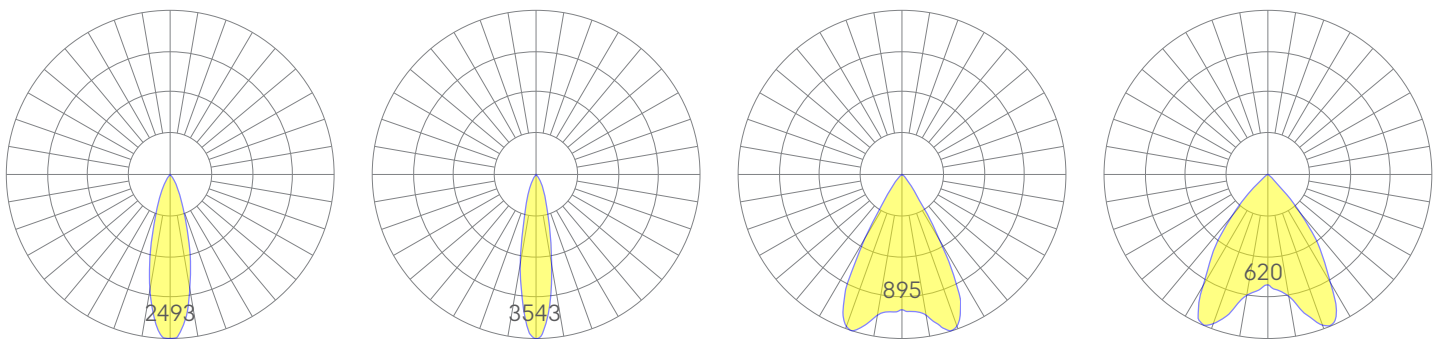
## Features

- Four beam spreads available
- Beams adjustable up to 30° in all directions
- 8" in length
- Extruded, recycled, premium aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- 5 Year, 50,000 hour warranty, damp location rated

## Dimensions



## Optics



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



# LSR2 Downlight - Adjustable Module

## Ordering Information



Example: LSR2 DL ADJ - 35 - MED - W - DB - WFL - W

<b>Fixture ID</b> <input type="text" value="1"/>	<b>Color Temperature</b> <input type="text" value="2"/>	<b>Output</b> <input type="text" value="3"/>	<b>Driver</b> <input type="text" value="4"/>
<b>LSR2 DL ADJ</b>	<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>DB<sup>1</sup></b> Standard 0-10V 1% <b>DB.1%<sup>2</sup></b> 0-10V 0.1% <b>PoE<sup>3</sup></b> Power over Ethernet
<b>Beam Spread</b> <input type="text" value="5"/>	<b>Finish</b> <input type="text" value="6"/>		
<b>SP</b> 20° Beam, 3569 CBCP <b>FL</b> 30° Beam, 2542 CBCP <b>WFL</b> 62° Beam, 702 CBCP <b>XWFL</b> 80° Beam, 379 CBCP	<b>BLK</b> Black <b>W</b> White		
<small>*Trim is white, nodes and plate must be black.</small>			

<sup>1</sup> Driver housed in canopy.  
<sup>2</sup> Driver housed in remote enclosure.  
<sup>3</sup> Housing varies. Consult factory.

## Performance

Output <sup>1</sup>	Watts	Lumens
Low	9	562
Medium	12	728
High	16.75	908

Based on 'SP' beam spread, 90 CRI, 3500K luminaire using one driver.

<sup>1</sup>For 4000k, multiply by 1.05; for 3000k, 0.96; for 2700k, 0.92.

# LSR2 Downlight - Wall Wash Module

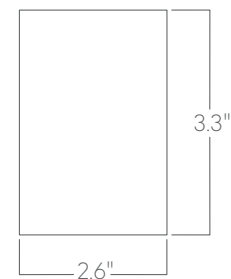


Fixed, four-optic downlight module with specially designed wall wash optic.

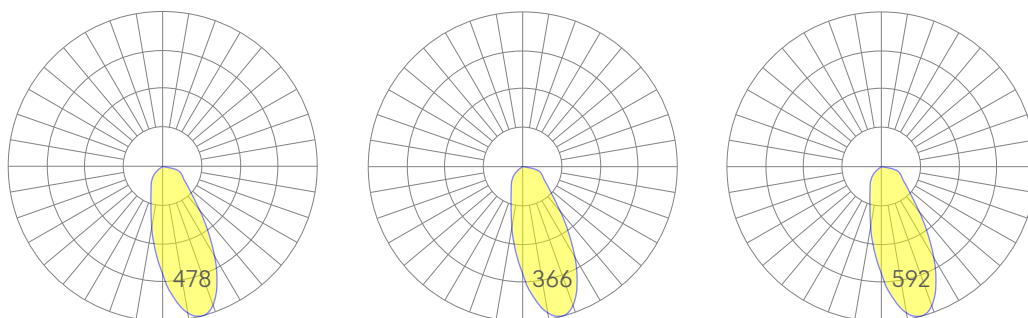
## Features

- 482 CBCP
- Optimized for 1:1 spacing (ie-30" from wall, 30" on center)
- 8" in length
- Extruded recycled aluminum housing
- Aluminum core LED boards, specifiable optics
- Specifiable color temperature. CRI > 90, R9 >50
- 5 Year, 50,000 hour warranty, damp location rated

## Dimensions



## Optics



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

# LSR2 Downlight - Wall Wash Module

## Ordering Information



Example: LSR2 DL WW - 35 - MED - W - DB - WFL - W

<b>Fixture ID</b> <input type="text" value="1"/>	<b>Color Temperature</b> <input type="text" value="2"/>	<b>Output</b> <input type="text" value="3"/>	<b>Driver</b> <input type="text" value="4"/>
<b>LSR2 DL WW</b>	<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>DB<sup>1</sup></b> Standard 0-10V 1% <b>DB.1%<sup>2</sup></b> 0-10V 0.1% <b>PoE<sup>3</sup></b> Power over Ethernet
<b>Finish</b> <input type="text" value="5"/>			
<b>BLK</b> Black <b>W</b> White			
<small>*Trim is white, nodes and plate must be black.</small>			

<sup>1</sup> Driver housed in canopy.  
<sup>2</sup> Driver housed in remote enclosure.  
<sup>3</sup> Housing varies. Consult factory.

## Performance

Output <sup>1</sup>	Watts	Lumens
Low	9	324
Medium	12	420
High	16.75	524

Based on 'SP' beam spread, 90 CRI, 3500K luminaire using one driver.

<sup>1</sup>For 4000k, multiply by 1.05; for 3000k, 0.96; for 2700k, 0.92.