

## CoeLux AXLS-ARRAY | Long Sky Family - Array

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CoeLux Long Sky Array (AXLSARRAY) systems come in two versions with skylight openings that measure approximately 1' X 4'. They can be used individually or aligned in runs to form a hallway of light delivering more depth perception.

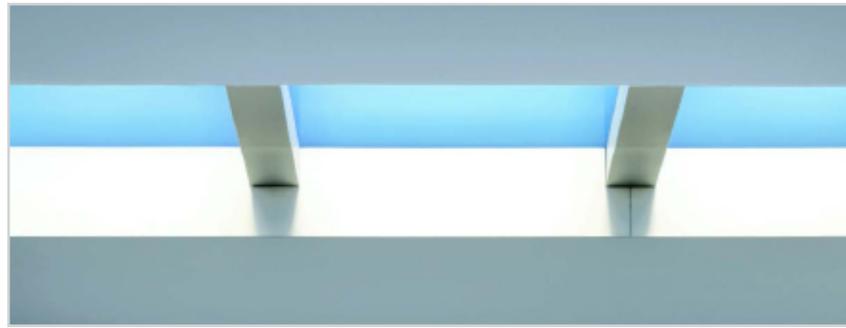
- **AXLS-ARRAY** produces a 45-degree beam and a sliver of light in the opposite direction. This feature makes the sun visible from various angles, which is ideal for spaces requiring more lively light.



Project \_\_\_\_\_

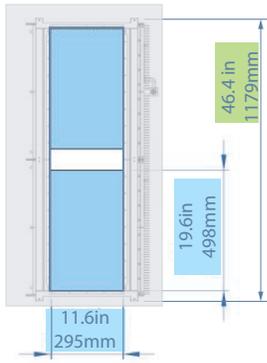
Type \_\_\_\_\_

Notes \_\_\_\_\_



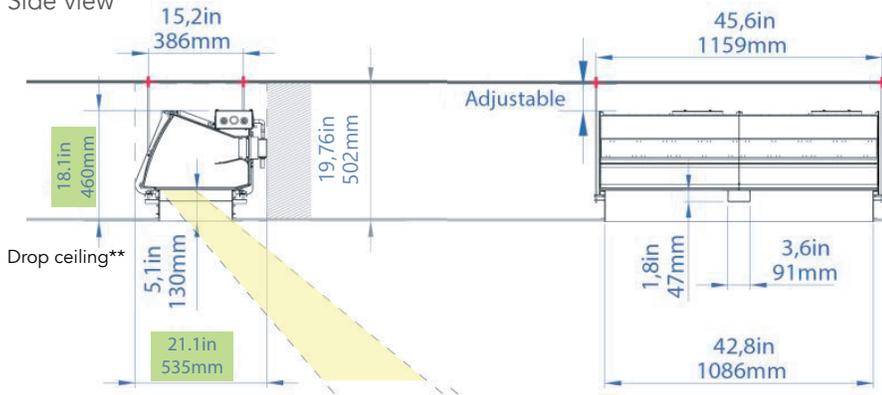
### AXLS Array

Bottom view\*\*



- + Fixing point
- Necessary space for installation and maintenance activities
- Accessible space required for maintenance

Side view\*\*



■ Fixture Dimensions    ■ Skylight Dimensions

#### PERFORMANCE PER LINEAR FOOT AT 4000K

| TRIM  | NOM. LUMEN OUTPUT | INPUT WATTS* | EFFICACY |
|-------|-------------------|--------------|----------|
| ARRAY | 3000 lm           | 90 W         | 33 lm/W  |

\* Based on a 4 foot luminaire using one driver  
Please consult factory for custom lumen output and wattage.



**THE AXIS ADVANTAGE**  
Exceptional lighting  
deserves exceptional support.

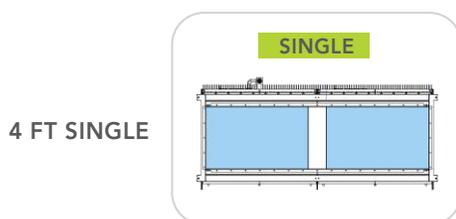
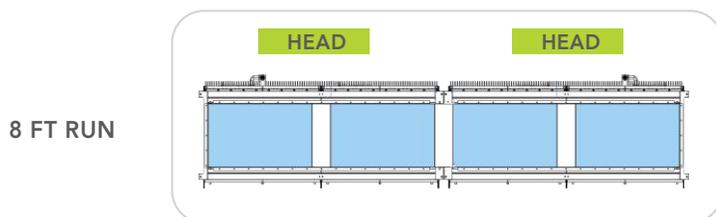
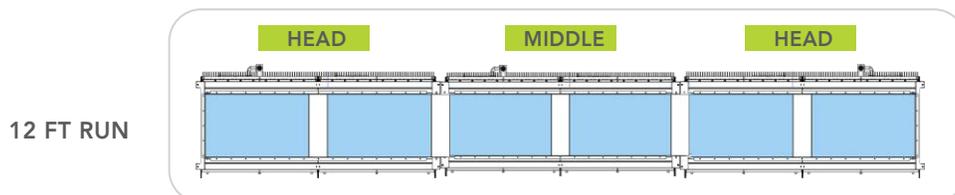
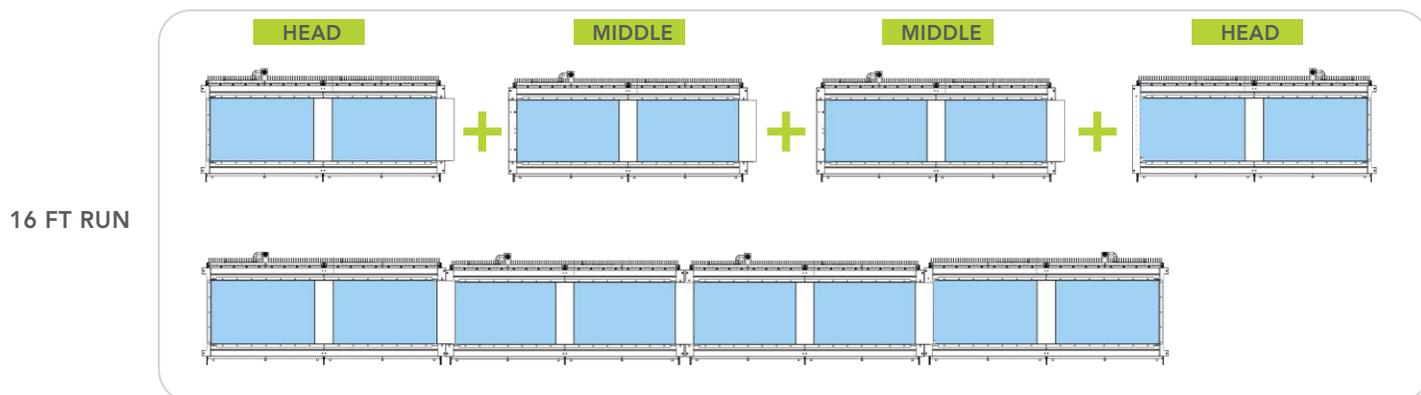


### Ordering Guide

| AXLSARRAY                     |   | 30                    | RG           | CIS  |
|-------------------------------|---|-----------------------|--------------|--|
| PRODUCT ID                    | FIXTURE LENGTH  | NOM. LUMENS           | FRAME TYPE   | COELUX LIGHT ENGINE                          |
| AXLSARRAY Long Sky - Array    | 4' 4" nominal (19.6 X 11.6 in (x2))<br>S# system run* | 30 3000 lm            | RG Regressed | CIS CoeLux infinite sky and sun (CCT>30,000) |
| * Available in 4" increments. |   | Lumen output is fixed |              | See page 5 for more details                  |

| 92  |   |  | 1           | CF                   |
|-----|---|--|-------------|----------------------|
| CRI | VOLTAGE                                 | DRIVER                                       | CIRCUIT     | MOUNTING/SUSPENSION  |
| 92  | 92+ CRI                                 | DA DALI*<br>DP dimming (0-10V) 1%**          | 1 1 circuit | CF CoeLux flangeless |
|     | 120 120 V<br>277 277 V<br>UNV universal |  |             |                      |
|     |   | * Only available with 120V. Dimmable to 0.1% |             |                      |
|     |   | **Consult factory                            |             |                      |

### ● COELUX ARRAY SYSTEM RUN CONFIGURATION EXAMPLES



## THE AXIS ADVANTAGE

Exceptional lighting deserves exceptional support.



-  Axis Experience Centers to see CoeLux technology up close – Centers under development throughout North America in addition to Montreal, Canada location.
-  Axis Inspiration through a team of lighting experts with CoeLux experience and daylighting know-how to help you integrate CoeLux in your building.
-  Axis Design Resources, including application specialists and specification documents to help you design your CoeLux space.
-  Axis Service Commitment with fast delivery, installation guidelines and 5-year Axis warranty for unparalleled support.

Get more out of your CoeLux experience with Axis!

## AXLS Array



### ● SPECIFICATIONS

#### CONSTRUCTION

|                      |   |
|----------------------|---|
| <b>Light Engine</b>  | Aluminum housing and structure supported by threaded rods |
| <b>Optics</b>        | CoeLux patent-pending sky and sun optics                  |
| <b>Support Frame</b> | Extruded steel frame to support housing and trim          |

### ● WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at [axislighting.com](http://axislighting.com).

### ● LED SYSTEM

|                           |   |
|---------------------------|---|
| <b>CRI</b>                | 92+ color rendering index.  |
| <b>CCT</b>                | See CoeLux AXLS basic data below.   |
| <b>LED life</b>           | Minimum 50,000h with 80% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.         |
| <b>Thermal Management</b> | Aluminum housing acting as the heat sink to maximize life.  |
| <b>Environment</b>        | Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104F) maximum operating relative humidity 95%. |

### ● CoeLux Flangeless Frame

Luminaire supported by threaded rods and finished with a flangeless architectural frame. Can be surrounded by drywall, wood or custom cut ACT.

### AXIS SUPPORT

For a visit to an Axis CoeLux Experience center, contact your local Axis representatives.

### ● CoeLux AXLS ARRAY Basic Data

| Product Name                 |                                  | AXLS ARRAY               |
|------------------------------|----------------------------------|--------------------------|
| Optical features             | <b>Total light output</b>        | 3000 lm                  |
|                              | <b>Lumen maintenance (L80)</b>   | > 50000h                 |
|                              | <b>LED CRI (Ra)</b>              | >92                      |
|                              | <b>CCT of transmitted beam</b>   | 4800K                    |
|                              | <b>CCT of the Sky</b>            | > 30000 K                |
|                              | <b>Beam angle</b>                | 45°                      |
|                              | <b>Divergence (H/V)</b>          | 13° / 18°                |
|                              | <b>Sun appearance</b>            | visible slightly frosted |
|                              | <b>Sky appearance</b>            | clear                    |
|                              | <b>Melanopic Ratio (Sky)</b>     | 1.577                    |
| <b>Melanopic Ratio (Sun)</b> | 0.822                            |                          |
| Electrical                   | <b>Power input</b>               | 120V, 60Hz               |
|                              | <b>Max power consumption</b>     | 100W                     |
|                              | <b>Typical power consumption</b> | 90W                      |
| Mechanical features          | <b>Weight</b>                    | 24 kg<br>55 lb           |

### ● PHOTOMETRIC DATA

#### ARRAY - 3000 lm

#### PHOTOMETRIC CURVE

**TOTAL LUMENS:** 3000 lm

**INPUT WATTS:** 90 W

**EFFICACY:** 33 lm/W

