

## CoeLux AXLS | Long Sky Family - Drywall

CoeLux Long Sky (AXLS) systems come in two versions with skylight openings that measure approximately 1' X 4' in an approximately 2' x 4' frame using a specialized CoeLux mounting system. They can be used individually or aligned in runs to form a hallway of light delivering more depth perception.

- **AXLS-Ice** 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.
- **AXLS-Matte** creates a single 45-degree sliver of light. The sun reflects on the matte white frame to ensure superior visual comfort.



**AXLS-Ice**

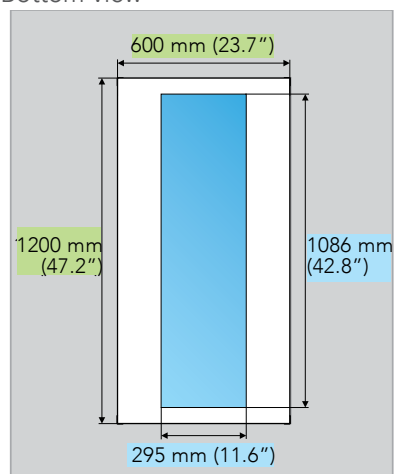


**AXLS-Matte**

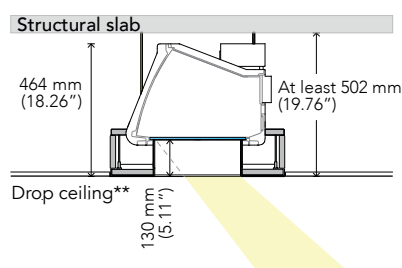


### AXLS-Ice

Bottom view\*\*

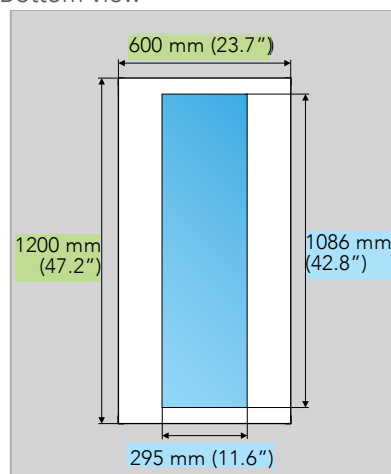


Side view\*\*

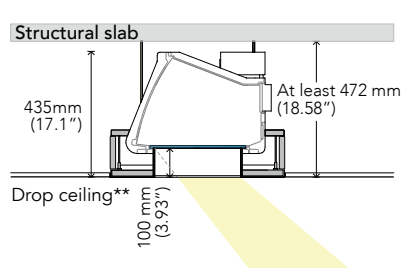


### AXLS-Matte

Bottom view\*\*



Side view\*\*



■ Fixture Dimensions ■ Skylight Dimensions

\*See page 6 for mounting options details

\*\*Flangeless detail to drywall, wood or custom-cut ACT.

Project \_\_\_\_\_

Type \_\_\_\_\_

Notes \_\_\_\_\_

#### PERFORMANCE PER LINEAR FOOT AT 4000K

TRIM	NOM. LUMEN OUTPUT	INPUT WATTS*	EFFICACY
ICE	4300 lm/ft	90 W/ft	48 lm/W
MATTE	3300 lm/ft	90 W/ft	37 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

AXLS	24	FL	CIS
PRODUCT ID	SIZE	FRAME FINISH & NOM. LUMENS	FRAME TYPE
AXLS Long Sky	24 2'x4' nominal (600 mm x 1200 mm)	ICE4300 ICE - 4300 lm MATTE3300 MATTE - 3300 lm	FL Flush
		Lumen output is fixed	See page 3 for more details

95	1	CF
CRI	VOLTAGE	DRAWER
95 95+ CRI	120 120 V	DP dimming (0-10V) 1%* DA DALI
		Dimmable to 1%, installation and warranty by Axis *Consult factory

## THE AXIS ADVANTAGE

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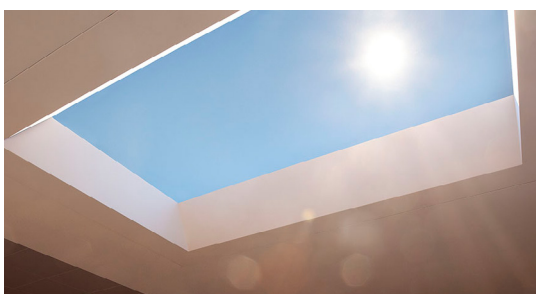
-  **Axis Experience Centers** to see CoeLux technology up close – Centers under development throughout North America in addition to Montreal, Canada location.
-  **Axis Inspiration** through a team of lighting experts with CoeLux experience and daylighting know-how to help you integrate CoeLux in your 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 - Ice



### AXLS - Matte



CoeLux sun

## 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 aluminum frame to support housing and trim
<b>MATTE Trim</b>	Reinforced fiberglass construction
<b>ICE Trim</b>	Reinforced fiberglass construction with specular aluminum reflectors

## WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

## LED SYSTEM

<b>CRI</b>	95+ 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 in operating ambient temperatures of 0-40°C (32-104°F) 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 TECH

Contact your Axis local Rep. to visit the Axis/CoeLux Experience center or visit CoeLux innovation center at Axis.

## CoeLux AXLS Basic Data

Product Name		AXLS ICE	AXLS MATTE
Optical features	<b>Total light output</b>	4300 lm	3300 lm
	<b>Lumen maintenance (L80)</b>	> 50000h	> 50000h
	<b>LED CRI (Ra)</b>	>95	>95
	<b>CCT of transmitted beam</b>	4800K	4800K
	<b>CCT of the Sky</b>	> 30000 K	> 30000 K
	<b>Beam angle</b>	45°	45°
	<b>Divergence (H/V)</b>	13° / 18°	13° / 18°
	<b>Sun appearance</b>	visible frosted	visible frosted
	<b>Sky appearance</b>	frosted	frosted
	<b>Melanopic Ratio (Sky)</b>	1.607	1.577
	<b>Melanopic Ratio (Sun)</b>	0.807	0.822
Electrical	<b>Power input</b>	100-240V, 50/60Hz	100-240V, 50/60Hz
	<b>Max power consumption</b>	100W	100W
	<b>Typical power consumption</b>	90W	90W
Mechanical features	<b>Device dimensions</b>	1200 x 600 x h435 mm 47.2 x 23.6 x h17.1 in	1200 x 600 x h465 mm 47.2 x 23.6 x h18.3 in
	<b>Maximum Volume</b>	1200 x 600 x h435 mm 47.2 x 23.6 x h17.1 in	1200 x 600 x h435 mm 47.2 x 23.6 x h17.1 in
	<b>Skylight size</b>	1086 x 295 mm 42.7 x 11.6 in	1086 x 295 mm 42.7 x 11.6 in
	<b>Weight</b>	30 kg 66 lb	30 kg 66 lb

## ● PHOTOMETRIC DATA

## ICE - 4295 lm

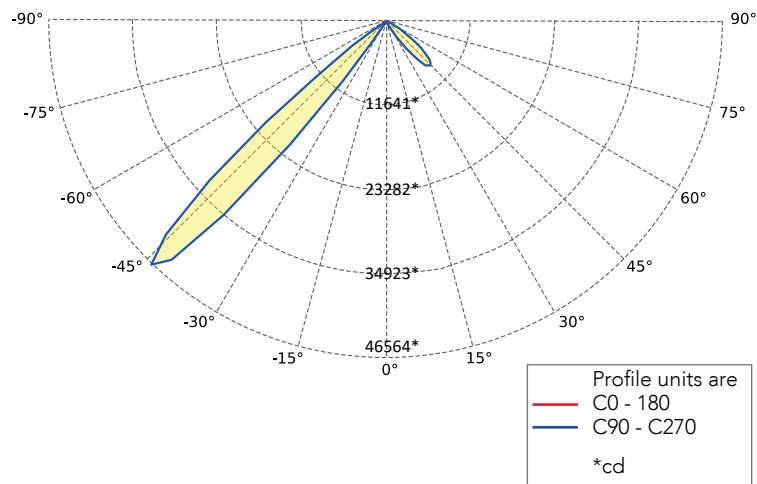
## PHOTOMETRIC CURVE

DIRECT OUTPUT: 8130 lm

TOTAL LUMENS: 4295 lm

INPUT WATTS: 90 W

EFFICACY: 48 lm/W



## MATTE - 3301 lm

## PHOTOMETRIC CURVE

DIRECT OUTPUT: 8130 lm

TOTAL LUMENS: 3301 lm

INPUT WATTS: 90 W

EFFICACY: 37 lm/W

