

CoeLux AXLS | Long Sky Family

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, in clusters or linearly back-to-back to form long lengths suitable for hallways.

- **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

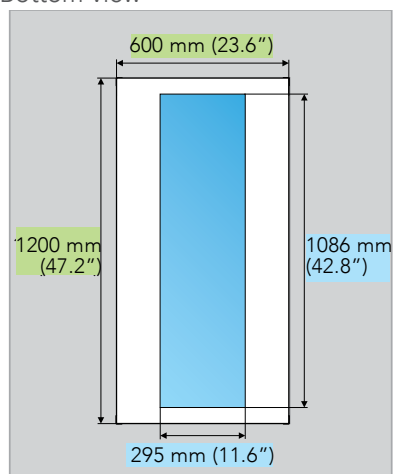


AXLS-Matte

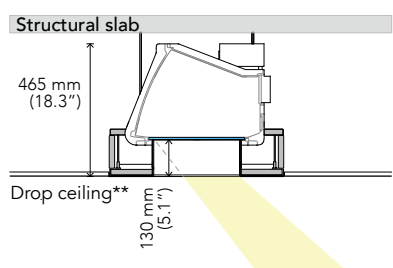


AXLS-Matte

Bottom view**

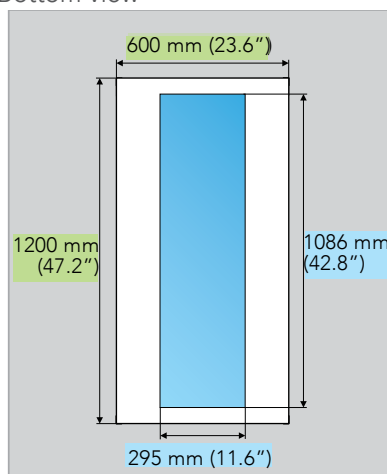


Side view**

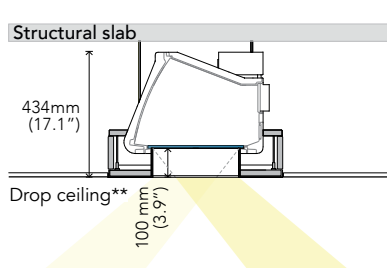


AXLS-Ice

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	90 W	48 lm/W
MATTE	3300 lm	90 W	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.

9.76



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 4 for more details

95	1	CF
CRI	VOLTAGE	DIVER
95 95+ CRI	120 120 V 277 277 V UNV universal	DA DALI* DP dimming (0-10V) 1%**
		* Only available with 120V. Dimmable to 0.1% **Consult factory

THE AXIS ADVANTAGE

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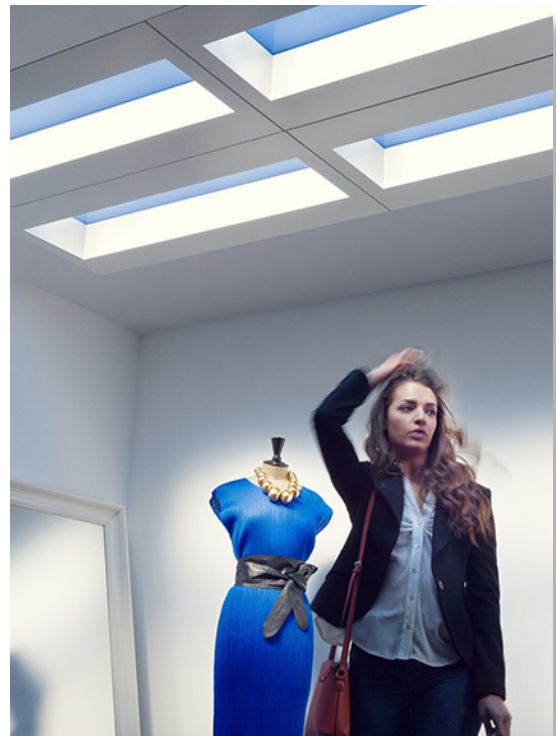
-  **Axis Experience Centers** to see CoeLux technology up close – Centers under development throughout North America in addition to Montreal, Canada location.
-  **Axis Inspiration** through a team of lighting experts with CoeLux experience and daylighting know-how to help you integrate CoeLux in your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

Light Engine	Aluminum housing and structure supported by threaded rods
Optics	CoeLux patent-pending sky and sun optics
Support Frame	Extruded aluminum frame to support housing and trim
MATTE Trim	Reinforced fiberglass construction
ICE Trim	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

CRI	95+ color rendering index.
CCT	See CoeLux AXLS basic data below.
LED life	Minimum 50,000h with 80% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	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

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

CoeLux AXLS Basic Data

Product Name		AXLS ICE	AXLS MATTE
Optical features	Total light output	4300 lm	3300 lm
	Lumen maintenance (L80)	> 50000h	> 50000h
	LED CRI (Ra)	>92	>92
	CCT of transmitted beam	4800K	4800K
	CCT of the Sky	> 30000 K	> 30000 K
	Beam angle	45°	45°
	Divergence (H/V)	13° / 18°	13° / 18°
	Sun appearance	visible slightly frosted	visible slightly frosted
	Sky appearance	clear	clear
	Melanopic Ratio (Sky)	1.607	1.577
	Melanopic Ratio (Sun)	0.807	0.822
Electrical	Power input	100-240V, 50/60Hz	100-240V, 50/60Hz
	Max power consumption	100W	100W
	Typical power consumption	90W	90W
Mechanical features	Weight	30 kg 66 lb	30 kg 66 lb

● PHOTOMETRIC DATA

ICE - 4295 lm

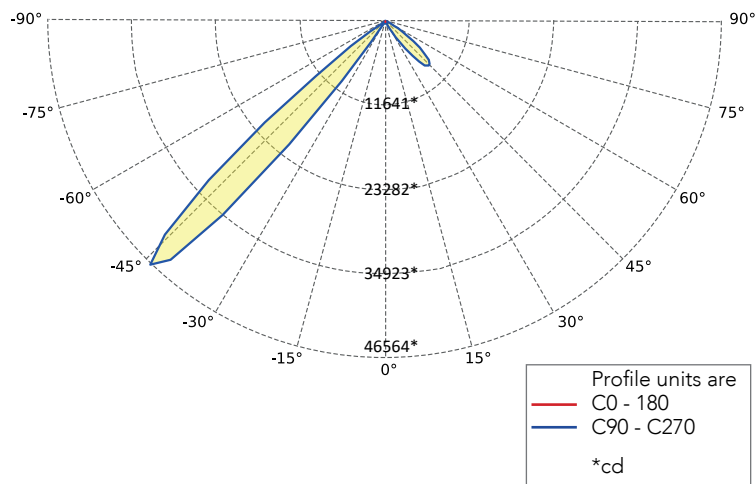
PHOTOMETRIC CURVE

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

