

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

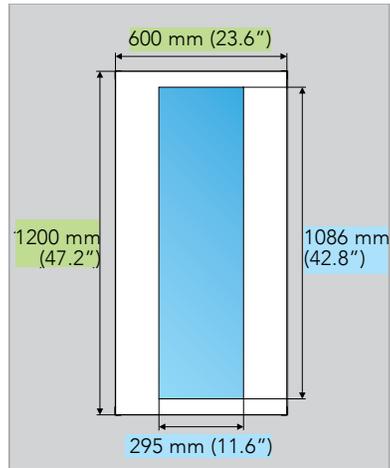


AXLS-Matte

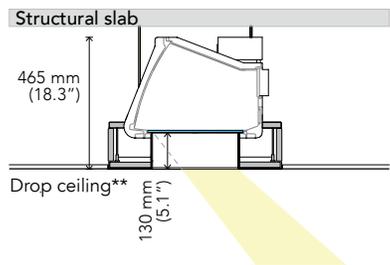


AXLS-Matte

Bottom view**

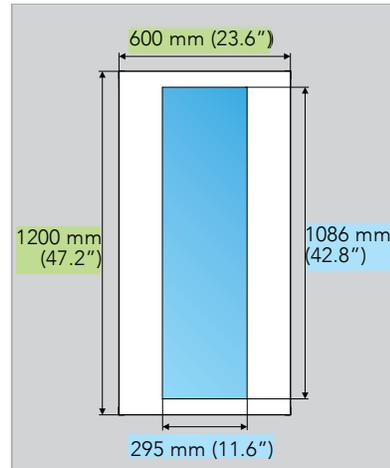


Side view**

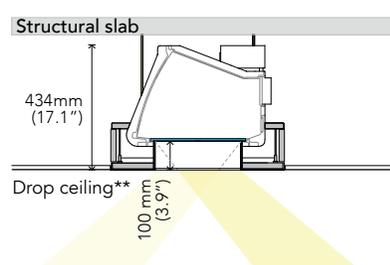


AXLS-Ice

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	FRAME FINISH & NOM. LUMENS		FL	CIS	
PRODUCT ID		SIZE			FRAME TYPE	COELUX LIGHT ENGINE	
AXLS	Long Sky	24 2'x4' nominal (600 mm x 1200 mm)	ICE4300	ICE - 4300 lm	FL Flush	CIS CoeLux infinite sky and sun (CCT>30,000)	
			MATTE3300	MATTE - 3300 lm		See page 4 for more details	
			Lumen output is fixed				

95		1		CF	
CRI	VOLTAGE	DRIVER	CIRCUIT	MOUNTING/SUSPENSION	
95	95+ CRI	DA DALI* DP dimming (0-10V) 1%**	1 1 circuit	CF CoeLux flangeless	
	120 120 V 277 277 V UNV universal				
		* Only available with 120V. Dimmable to 0.1%			
		**Consult factory			

THE AXIS ADVANTAGE

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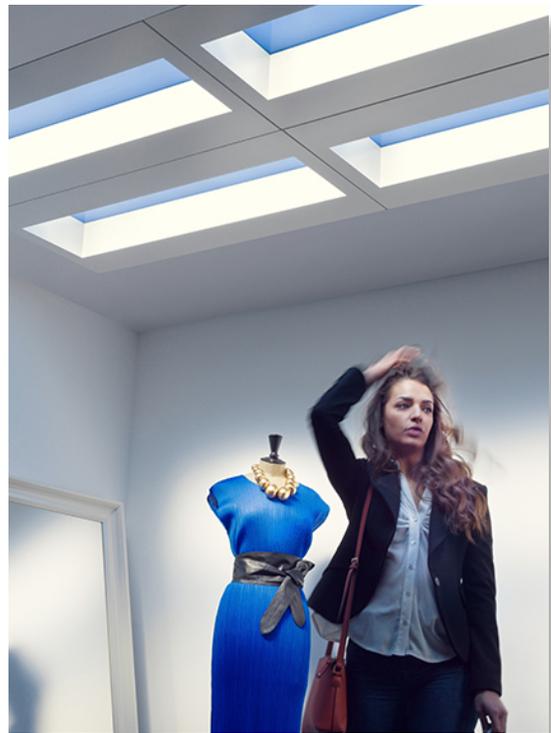
-  Axis Experience Centers to see CoeLux technology up close – Centers under development throughout North America in addition to Montreal, Canada location.
-  Axis Inspiration through a team of lighting experts with CoeLux experience and daylighting know-how to help you integrate CoeLux in your building.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

● 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 for indoor use only in operating ambient temperatures of 0-40°C (32-104F) maximum operating relative humidity 95%.

● 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.

● 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

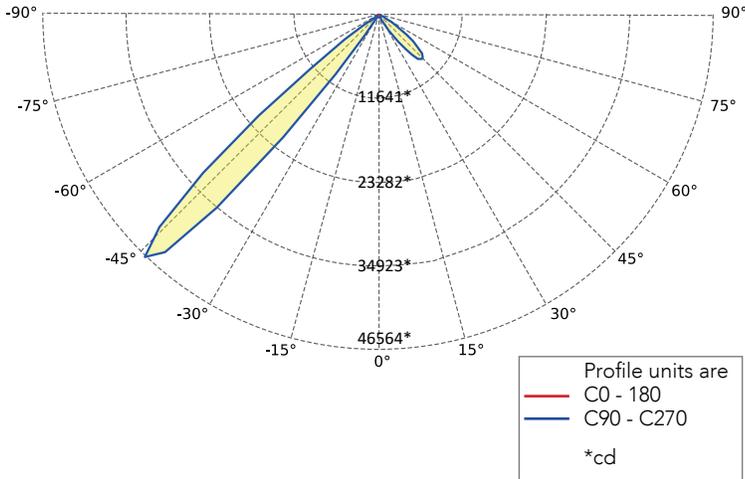
Product Name		AXLS ICE	AXLS MATTE
Optical features	Total light output	4300 lm	3300 lm
	Lumen maintenance (L80)	> 50000h	> 50000h
	LED CRI (Ra)	> 92	> 92
	CCT of transmitted beam	4800K	4800K
	CCT of the Sky	> 30000 K	> 30000 K
	Beam angle	45°	45°
	Divergence (H/V)	13° / 18°	13° / 18°
	Sun appearance	visible 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

