

OVERVIEW / SPECIFICATION



EcoSpec® Linear INT Warm Cove - is designed with a slim profile and integral brackets with 180° vertical rotation adjustability. Warm Cove Series color temperatures of 2300K and 2500K are created using an integral warming lens and are ideal for those spaces where a soft glow and warm atmosphere is desired. Ideal for intimate spaces where a warm color will complement the environment such as hospitality, residential and architectural. Patent-pending dimming technology dims down to 0% output power.

Features:

- Economical
- Simple Installation
- In-line Connection
- High Efficacy
- Integral Driver / AC Power
- Dimmable: ELV (RP), 0-10V
- Dimming at 120V, 220V, and 277V
- Dimming down to 0%
- Long Life (L70)

PERFORMANCE ADDITIONAL INFORMATION ON NEXT PAGE	CCT (K)	Optic	Lumen Output		Efficacy (lm/W)
			12"	48"	
	2300K	120°x120°	187 lm/LF	748 lm	43.5lm/W
	2500K	120°x120°	222 lm/LF est	888 lm	66.9lm/W
* Performance data is from LM-79 and LM-63 testing at typical power input					
	Color Rendering Index	70+			
	Color Consistency	2 Step MacAdam Ellipse			
	Lumen Depreciation / Rated Life	L70 >60,000 hours @ 25°C*			
* Calculations for LED fixtures are based on measurements that comply with IES LM-80 testing procedures and IES TM-21 Calculator.					
ELECTRICAL	Power Consumption	4.5W/LF Typical (The Typical input power range allows for a +/-10% variation of all components) 5W/LF Maximum (All fixtures are labelled with Maximum wattage)			
	Max Fixture Run Length	140' (40m) @120VAC; 280' (80m) @220VAC ; 200' (60m) @277VAC			
	Power Factor	0.90			
	Operating Voltage	100-120VAC, 220-240VAC, 277VAC, 50/60 Hz (all voltages)			
	Driver	Integral to Fixture; De-rated Power and Synchronous Start-up at Full Brightness			
	Startup Temperature	-4°F to 122°F (-20°C to 50°C)			
	Operating Temperature	-4°F to 122°F (-20°C to 50°C)			
	Storage Temperature	-40°F to 176°F (-40°C to 80°C)			
CONTROL	Dimming	100-120VAC ELV type, Reverse Phase, Trailing Edge 220-240VAC ELV type, Reverse Phase, Trailing Edge 277VAC ELV type, Reverse Phase, Trailing Edge 120VAC / 277VAC, 0-10V with Linear Dimming Control Module (LDCM)			
PHYSICAL	Dimensions	W 2.0" x H 1.4" x L 12 7/8"; (52mm x 35.7mm x 304mm/1,219mm)			
	Housing / Lens	Extruded Aluminium; Clear Polycarbonate; Stainless Steel Fasteners Plastic Endcaps with Plastic/Rubber Overmold for Cable Assembly			
	Weight	0.496lbs. / 0.225kg (1ft) ; 1.61lbs. / 0.73kg (4ft)			
	Connectors	Integral Male/ Female 3 Pin Connectors on Pigtail Cable Assembly, IP40 Rated			
	Environment	Indoor; CE Certified IP40 / ETL Certified for Dry/Damp Locations			
	Beam Angle	Clear Lens: 120°x 120°, Frosted Lens Accessory Available			
	Mounting Options:	Integral Adjustable 180° Rotation Brackets			
FIXTURE RATING & CERTIFICATIONS	CE, ENEC, C-Tick Certified, CCC				
	ETL Certified				
	RoHS Compliant				
LIMITED WARRANTY	5 Years				





EcoSense THD/Inrush Current Information: Please contact an EcoSense Lighting sales representative

ORDERING

Choose the option that best suits your needs and write its corresponding code on the appropriate line to form the product code

LCIS / LCIL	-	-	-	120
MODEL	LENGTH	COLOR	VOLTAGE	OPTIC
LCIS	12 - 12"	23 - 2300K	120 - 100-120VAC	120 - 120° x 120°
LCIL #	48 - 48"	25 - 2500K	220 - 220-240VAC	
		27 - 2700K##	277 - 277VAC**	
		30 - 3000K##		
		35 - 3500K##		
		40 - 4000K##		
EXAMPLE: LCIS - 12 - 23 - 120 - 120 (*Linear Cove Interior Standard Power Warm Cove) LCIL - 12 - 23 - 120 - 120 (*Linear Cove Interior Low Power Warm Cove)				
# See Linear INT Low Power Warm Cove Spec Sheet for more details				
## See Linear INT Standard Power / Low Power Spec Sheet for more details				

Wiring Options

*INT Leader Cable, 3 Pin, 10ft, 110V	INT3P-A-LDR-120-10	INT Leader Cable, 3 Pin, 10ft, 220V	INT3P-A-LDR-220-10
INT Jumper Cable, 3 Pin, 5ft, 110V	INT3P-A-JMP-120-05	INT Jumper Cable, 3 Pin, 5ft, 220V	INT3P-A-JMP-220-05
INT Jumper Cable, 3 Pin, 1ft, 110V	INT3P-A-JMP-120-01	INT Jumper Cable, 3 Pin, 1ft, 220V	INT3P-A-JMP-220-01
INT Jumper Cable, 3 Pin, 4in, 110V	INT3P-A-JMP-120-4	INT Jumper Cable, 3 Pin, 4in, 220V	INT3P-A-JMP-220-4

* One (1) Terminator included standard with each leader cable.

One Leader Cable is required per circuit / fixture run. Leader cable has bare leads one end, female connector opposite end. Leader / Jumper cables are not rated for plenum applications.

**The 120VAC cables are also rated for 277VAC use.

Control Options

100-120VAC / 277VAC Linear Dimming Control Module 0-10V	LDCM-120-277-010V-GR
100-120VAC / 277VAC Linear Dimming Control Module 0-10V - Plenum Rated	LDCM-PL-120-277-010V-GR

Mounting Options

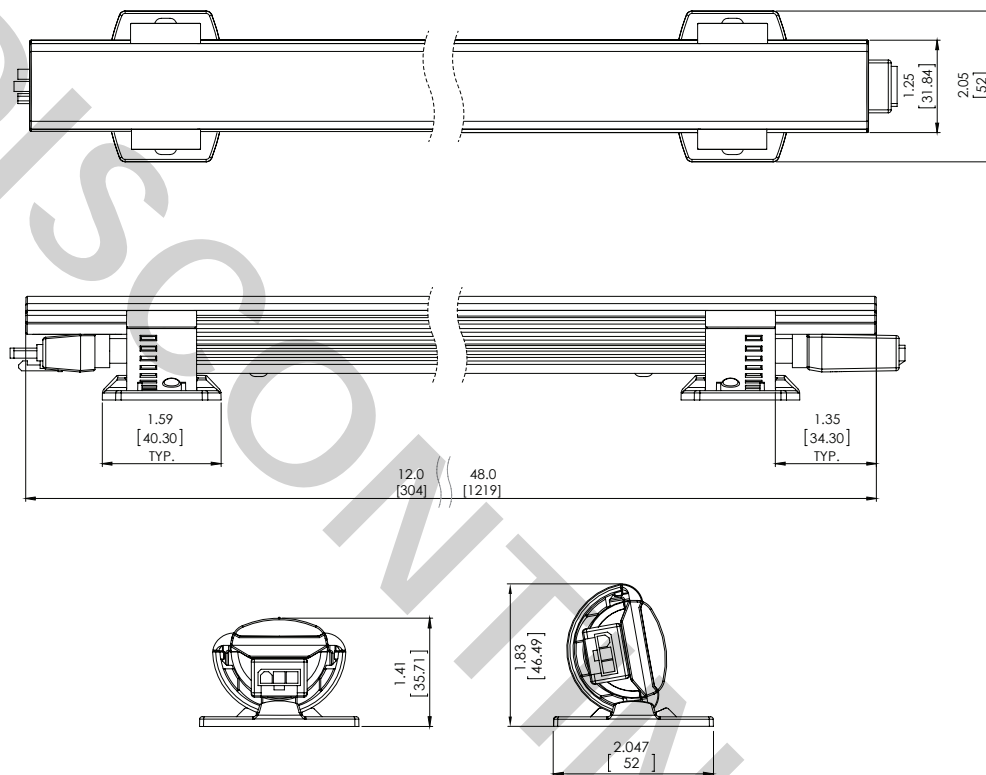
Integral, 180° Adjustable Brackets	Factory installed with 2 (two) per product length, non-removable
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Frosted Lens Option

Frosted Lens, Linear INT, 12in	LCI-A-FRLS-12	Snap-on lens before or after mounting fixture.
Frosted Lens, Linear INT, 48in	LCI-A-FRLS-48	Snap-on lens before or after mounting fixture.

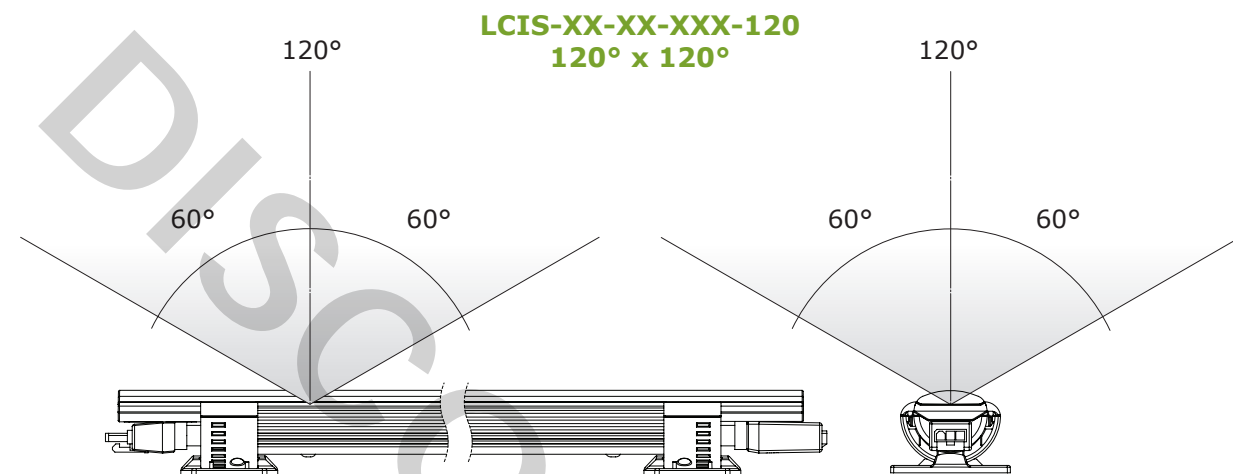
DIMENSIONS

For complete dimensions and submittal drawings, please visit:
ecosenselighting.com



DIMENSION IN
INCHES / [MM]

DISTRIBUTIONS



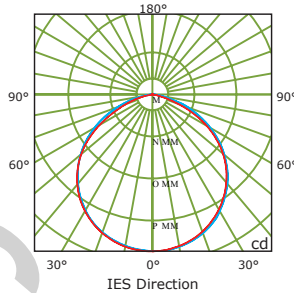
PHOTOMETRY CHARACTERISTICS

For complete library of IES files, please visit:
ecosenselighting.com

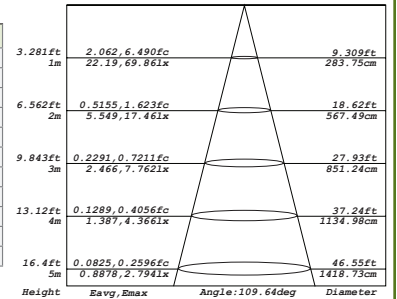
120°x 120°

2300K*

CHARACTERISTICS: LINEAR INT - SP (LCIS) 2300K / 120° X 120°	
Total Rated Fixture Lumens	187
Total Luminaire Efficiency	100%
Total Input Watts	4.29W
Horizontal Beam Angle (50%)	111.7
Vertical Beam Angle (50%)	109.6
Horizontal Field Angle (10%)	156.3
Vertical Field Angle (10%)	148.4

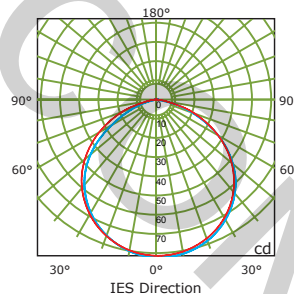


	0	15	45	60	90
0	69.9	69.9	69.9	69.9	69.9
5	69.4	69.5	69.6	69.5	69.5
15	67.1	67.2	67.1	67	67
25	62.8	62.8	62.5	62.3	62.3
35	55.9	55.7	55.6	55.4	55.4
45	46.9	47	46.6	46.4	46.4
55	36	35.9	35.5	35.1	34.7
65	23.2	23	21.7	21	20.2
75	10.4	9.4	6.8	6	5.3
85	0.9	0.7	0.3	0.2	0.2
90	0.2	0.1	0.1	0	0.1

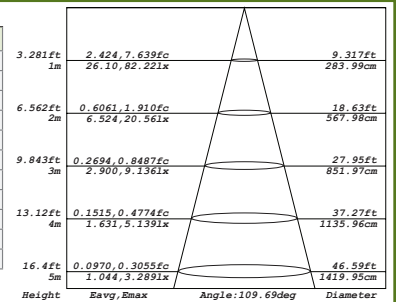


2500K*

CHARACTERISTICS: LINEAR INT - SP (LCIS) 2500K / 120° X 120°	
Total Rated Fixture Lumens	222
Total Luminaire Efficiency	100%
Total Input Watts	3.32W
Horizontal Beam Angle (50%)	109.7
Vertical Beam Angle (50%)	113.3
Horizontal Field Angle (10%)	149.5
Vertical Field Angle (10%)	153.9



	0	15	45	60	90
0	81	81	81	81	82
5	81	81	81	81	82
15	79	79	79	79	80
25	74	75	75	75	76
35	67	68	68	68	68
45	57	58	58	58	59
55	45	46	46	45	45
65	29	31	30	29	29
75	12	14	12	13	12
85	2	2	1	1	1
90	0	0	1	1	1



Photometrics by an independent lab in accordance with current IES published Procedures.

* Lumen measurements comply with IES LM-79-08.

IES data is available at www.ecosenselighting.com