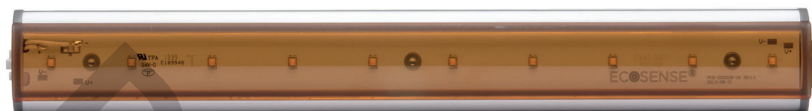


OVERVIEW / SPECIFICATION



EcoSpec® Linear HP INT Warm Cove - is a high performance luminaire that delivers more lumens for larger cove applications, dome ceilings or retail displays. 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°	552 lm/LF	2,208 lm	66.21lm/W	
	2500K	120°x120°	556 lm/LF	2,224 lm	69.92lm/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* / L70 50,000 hours @ 50°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	9W/LF Typical (The Typical input power range allows for a +/-10% variation of all components) 10W/LF Maximum (All fixtures are labelled with Maximum wattage)				
	Max Fixture Run Length	50' (15m) @120VAC; 105' (32m) @220VAC ; 105' (32m) @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 1.6" x H 1.8" x L 12"/48" ; (40.4mm x 45.1mm x 304.8mm/1,219mm)				
	Housing / Lens	Extruded Aluminium; Clear Polycarbonate; Stainless Steel Fasteners Plastic Endcaps with Plastic/Rubber Overmold for Cable Assembly				
	Weight	0.9lbs. / 0.41kg (1ft) ; 3.73lbs. / 1.7kg (4ft) approx				
	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:	Interior Fixed and Adjustable Hinge Brackets, Snap on Clip and Mounting Track				
FIXTURE RATING & CERTIFICATIONS	CE, 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

HPIS / HPIL	-	-	-	-
MODEL	LENGTH	COLOR	VOLTAGE	OPTIC
HPIS	12 - 12"	23 - 2300K	120 - 100-120VAC	120 - 120° x 120°
HPIL #	48 - 48"	25 - 2500K	220 - 220-240VAC	80 - 80° x 80°
		27 - 2700K ##	277 - 277VAC**	
		30 - 3000K ##		
		35 - 3500K ##		
		40 - 4000K ##		
EXAMPLE: HPIS* - 48 - 23 - 220 - 120 (*High Power Interior Standard Power) HPIL* - 48 - 25 - 220 - 120 (*High Power Interior Standard Power)				
# See Linear HP 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

Flat Mounting Bracket, Interior Cove	INT-A-MNT-FLAT	Included Standard with each product length
Hinge Bracket, Interior Cove	INT-A-MNT-ADJ	Order 1 (one) bracket per 12" length, and 2 (two) brackets per 48" length
Snap On Clip, Interior Cove	HPI-A-MNT-STA	Order 2 (two) bracket per 12" length, and 2 (two) brackets per 48" length
Mounting Track, Interior Cove (4'-0" Length)	04-A-MNT-TRK-4	

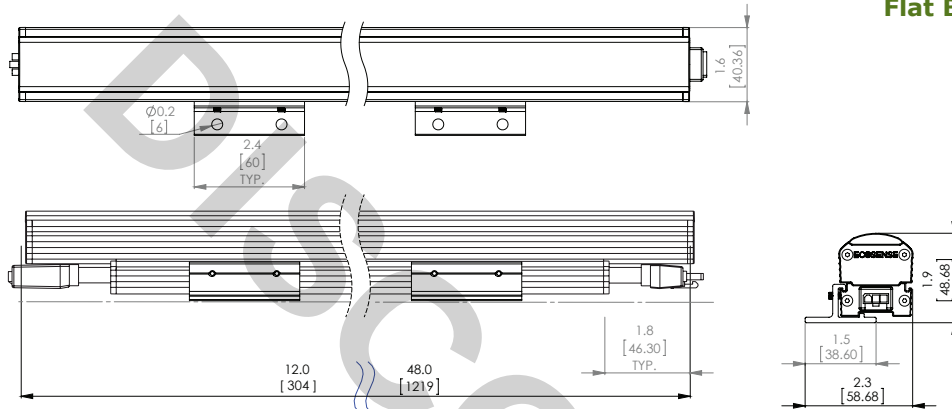
Frosted Lens Option

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

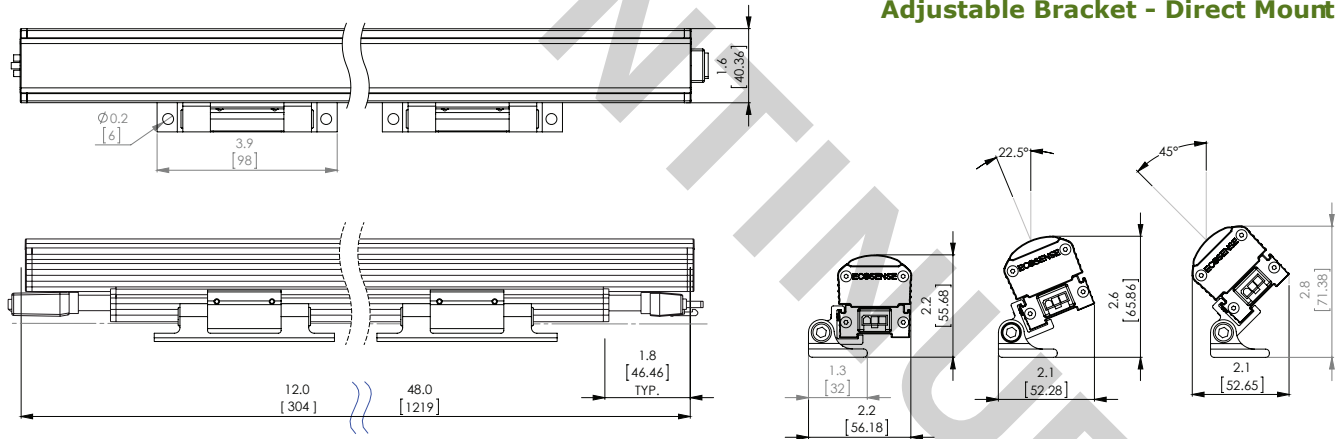
DIMENSIONS

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

Flat Bracket - Direct Mount



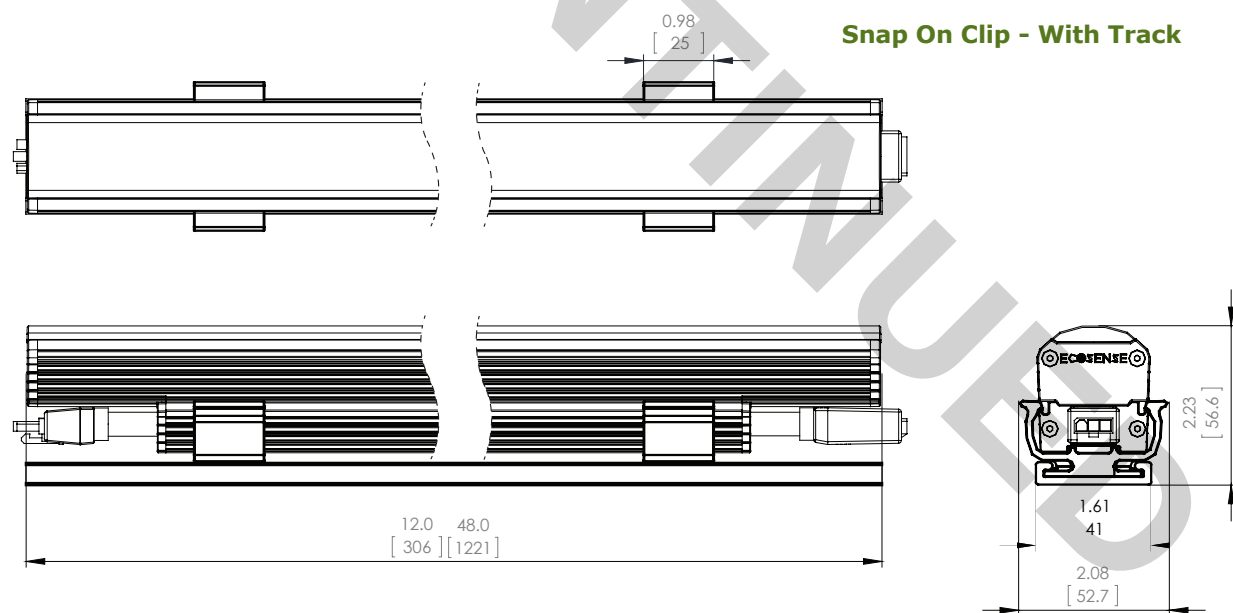
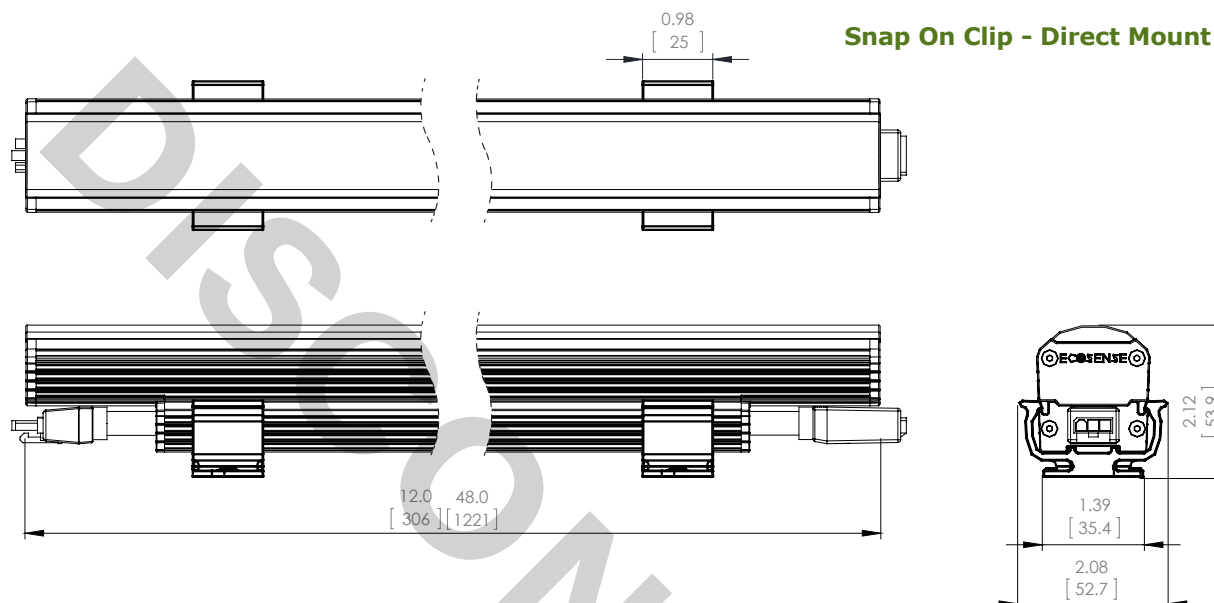
Adjustable Bracket - Direct Mount



DIMENSION IN
INCHES / [MM]

DIMENSIONS

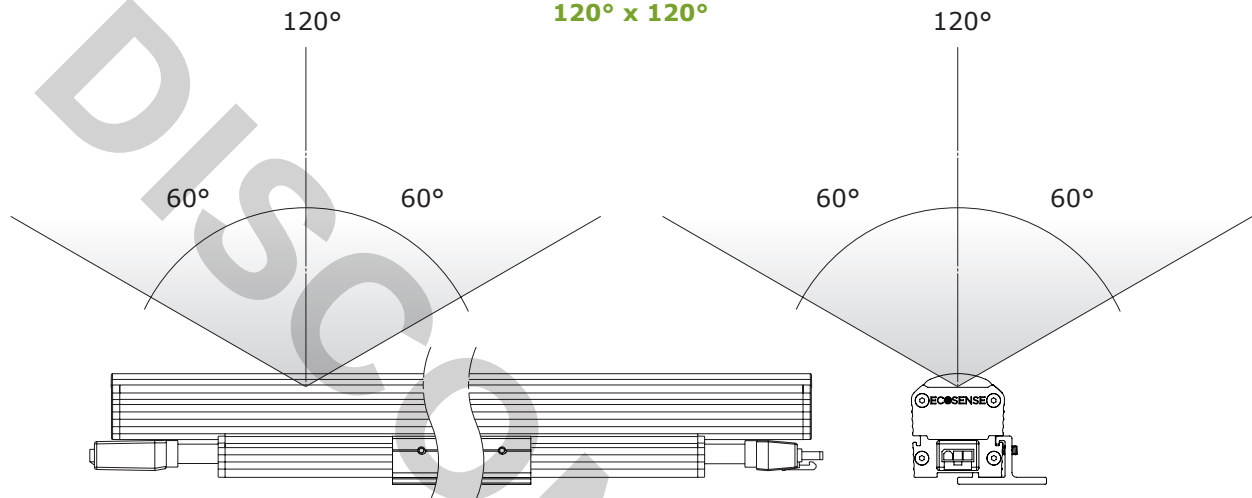
For complete dimensions and submittal drawings, please visit:
ecosenselighting.com



DIMENSION IN
INCHES / [MM]

DISTRIBUTIONS

HPIS-XX-XX-XXX-120
120° x 120°



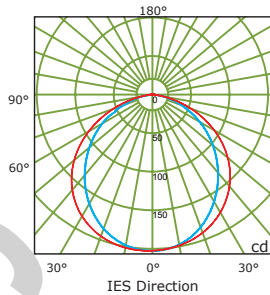
PHOTOMETRY CHARACTERISTICS

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

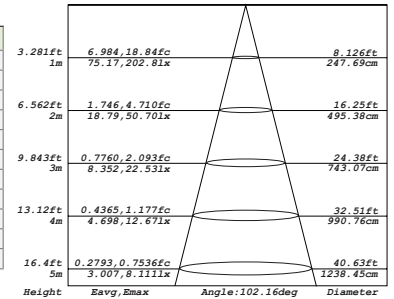
120°x 120°

2300K*

CHARACTERISTICS: LINEAR HP INT - SP (HPIS) 2300K / 120°x 120°	
Total Rated Fixture Lumens	552
Total Luminaire Efficiency	100%
Total Input Watts	8.35W
Horizontal Beam Angle (50%)	116
Vertical Beam Angle (50%)	102
Horizontal Field Angle (10%)	157.6
Vertical Field Angle (10%)	155.5

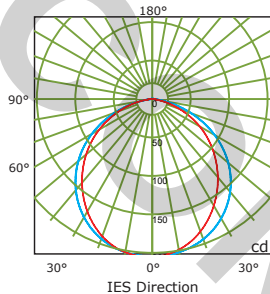


	0	22.5	45	67.5	90
0	202.61	202.58	202.68	202.62	202.56
5	201.55	201.69	201.25	201.31	201.15
15	192.67	193.03	193.97	195.09	195.37
25	174.94	176.29	179.77	183.26	184.35
35	150.51	152.85	158.59	165	166.57
45	121.69	124.61	131.96	139.84	142.34
55	90.94	93.76	100.9	108.66	110.88
65	53.94	58.83	65.71	71.2	73.03
75	26.86	27.9	27.22	31.1	33.47
85	2.93	2.88	2.14	3.89	5
90	2.51	2.28	1.45	1.36	1.92

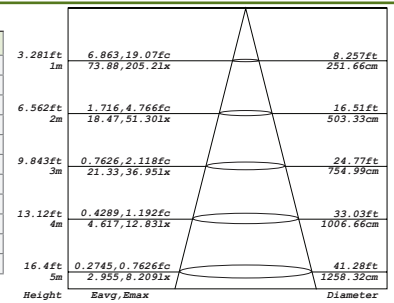


2500K*

CHARACTERISTICS: LINEAR HP INT - SP (HPIS) 2500K / 120°x 120°	
Total Rated Fixture Lumens	556
Total Luminaire Efficiency	100%
Total Input Watts	7.95W
Horizontal Beam Angle (50%)	114.4
Vertical Beam Angle (50%)	103
Horizontal Field Angle (10%)	156.9
Vertical Field Angle (10%)	153.7



	0	22.5	45	67.5	90
0	204.98	205.01	204.79	205	204.61
5	203.08	203.38	203.31	203.95	203.8
15	192.05	192.96	194.92	197.6	198.67
25	172.29	174.44	179.03	184.82	187.32
35	146.75	149.91	156.71	165.11	169.01
45	117.87	121.72	129.51	139	143.99
55	87.33	91.18	98.24	106.75	112.05
65	54.62	57.81	62.95	69.44	74.13
75	22.18	23.65	15.64	30.21	33.77
85	4.2	3.88	3.02	3.73	4.94
90	3.07	2.79	2.03	1.79	1.88



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

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

IES data is available at www.ecosenselighting.com