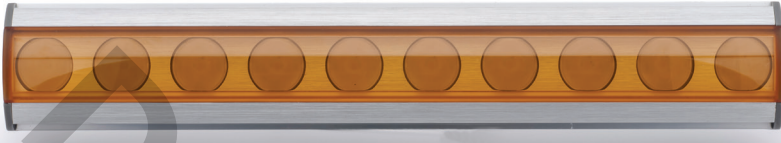


OVERVIEW / SPECIFICATION



EcoSpec® Linear HP INT WW Warm Cove - has an impressive array of narrow, medium, wide and elliptical beam angles that provides brilliant results for exterior façade grazing, and wall washing applications 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	CCT (K)	Optic	Lumen Output		Efficacy (lm/W)
			12"	48"	
	2300K	6°x6°	473 lm/LF	1,892 lm	63.5lm/W
	2500K	6°x6°	TBC		
* 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 >100,000 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	7W Typical (The Typical input power range allows for a +/-10% variation of all components) 8W Maximum (All fixtures are labelled with Maximum wattage)			
	Max Fixture Run Length	50' (15m) @120VAC; 115' (35m) @220VAC ; 115' (35m) @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" x H 2.4" x L 12"/48" ; (50.2mm x 60.3mm x 308mm/1219mm)			
	Housing / Lens	Extruded Aluminium; Clear Polycarbonate; Stainless Steel Fasteners			
	Weight	Plastic Endcaps with Plastic/Rubber Overmold for Cable Assembly 1.35lbs. / 0.62kg (1ft) ; 5.7lbs. / 2.6kg (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	Native: 6°x 6° / 6°x 15° / 10°x 60° / 17°x 35° / 30°x 60° / 60°x 60°			
	Mounting Options:	Interior Fixed and Adjustable Hinge 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

WWIS / WWIL	-	-	-	-
MODEL	LENGTH	COLOR	VOLTAGE	OPTIC
WWIS #	12 - 12"	23 - 2300K ##	120 - 100-120VAC	6 - 6° x 6°
WWIL	48 - 48"	25 - 2500K ##	220 - 220-240VAC	6F - 6° x 15°
		27 - 2700K	277 - 277VAC**	10 - 10° x 60°
		30 - 3000K		17 - 17° x 35°
		35 - 3500K		30 - 30° x 60°
		40 - 4000K		60 - 60° x 60°
		RD - RED		
		GN - GREEN		
		BL - BLUE		
		AM - AMBE		
EXAMPLE: WWIS - 48 - 40 - 120 - 6 (*Wall Wash Interior Standard Power) WWIL - 48 - 40 - 120 - 6 (*Wall Wash Interior Low Power) WWIS - 48 - 23 - 120 - 6 (*Wall Wash Interior Standard Power Warm Cove) WWIL - 48 - 25 - 120 - 6 (*Wall Wash Interior Low Power Warm Cove) # See Linear HP INT Wall Wash Standard Power Spec Sheet for more details ## See Linear HP INT Wall Wash Warm Cove Spec Sheet for more details				

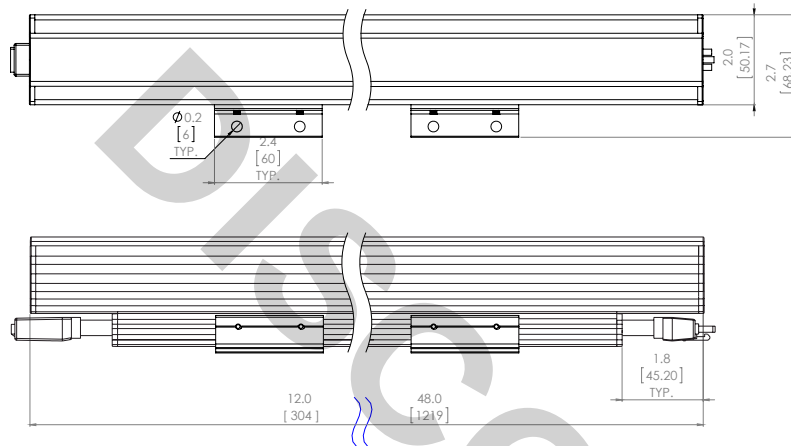
Wiring Options			
*INT Leader Cable, 3 Pin, 10ft, 110V	INT3P-A-LDR-120-10	INT Leader Cable, 3 Pin, 10ft, 220V	INT3P-A-LDR-220-10
INT Jumper Cable, 3 Pin, 5ft, 110V	INT3P-A-JMP-120-05	INT Jumper Cable, 3 Pin, 5ft, 220V	INT3P-A-JMP-220-05
INT Jumper Cable, 3 Pin, 1ft, 110V	INT3P-A-JMP-120-01	INT Jumper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

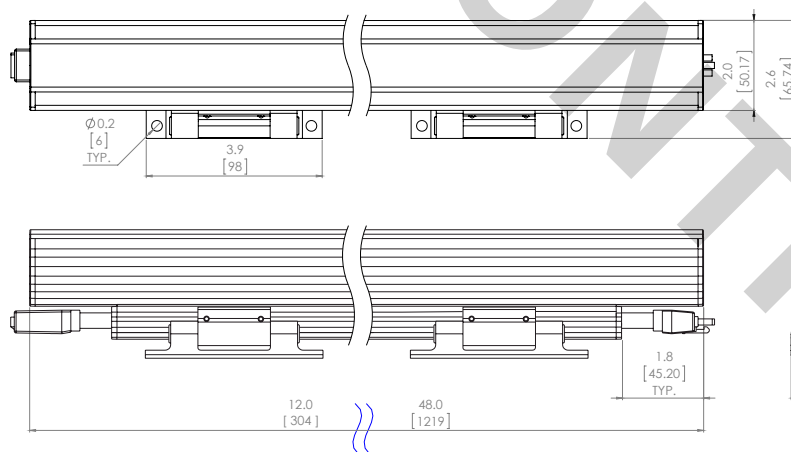
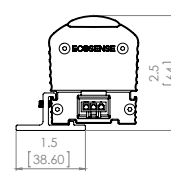
Mounting Options		
Flat Mounting Bracket, Interior Cove	INT-A-MNT-FLAT	Included Standard with each product length
Hinge Bracket, Interior Cove	INT-A-MNT-ADJ	Order 1 (one) bracket per 12" length, and 2 (two) brackets per 48" length
Snap On Clip, Interior Cove	WWI-A-MNT-STA	Order 2 (two) bracket per 12" length, and 2 (two) brackets per 48" length

DIMENSIONS

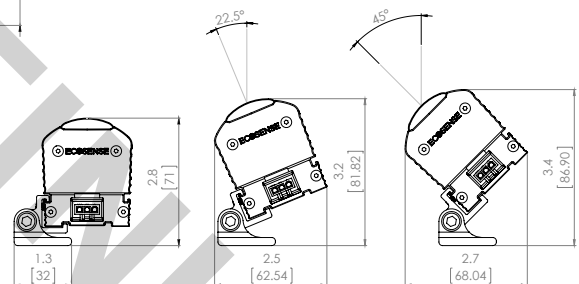
For complete dimensions and submittal drawings, please visit:
ecosenselighting.com



Flat Bracket - Direct Mount

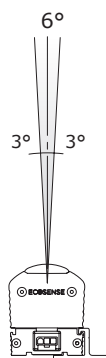
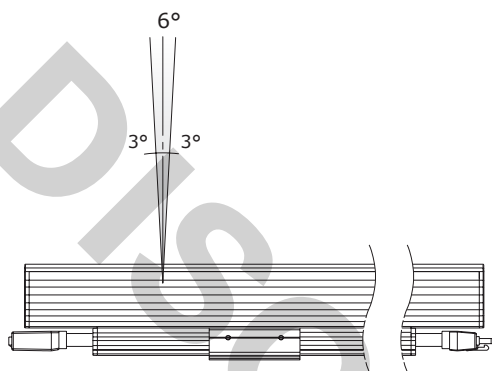


Adjustable Bracket - Direct Mount

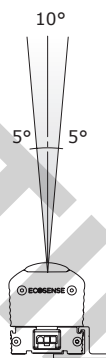
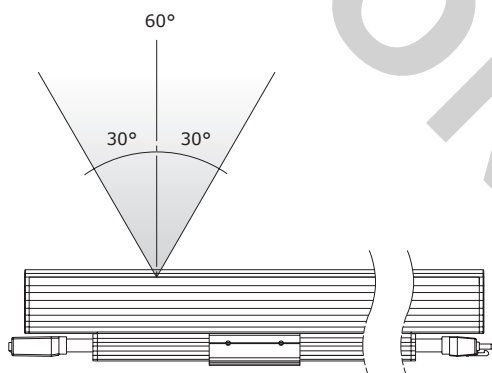


DIMENSION IN
 INCHES / [MM]

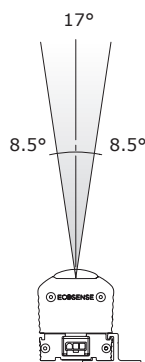
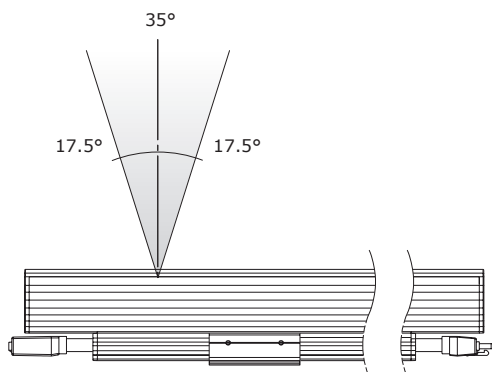
DISTRIBUTIONS



WWIL-XX-XX-XXX-6
6° x 6°

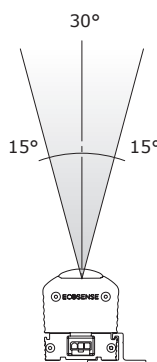
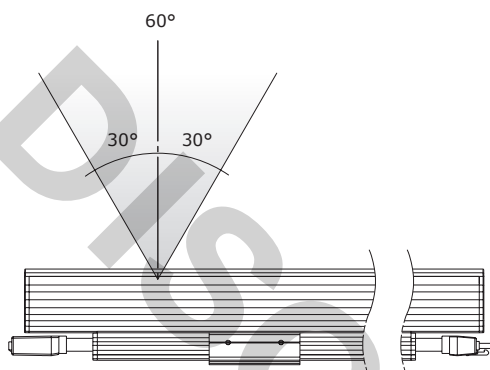


WWIL-XX-XX-XXX-10
10° x 60°

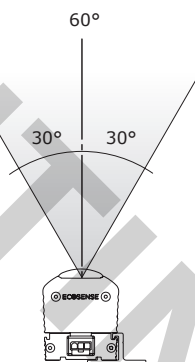
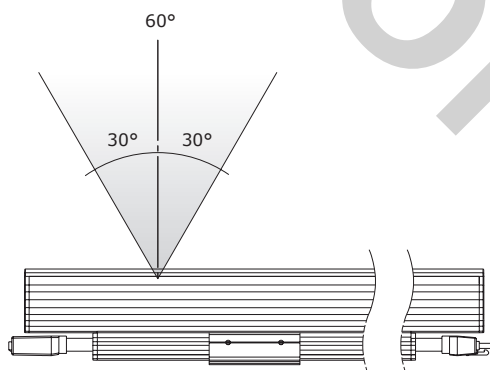


WWIL-XX-XX-XXX-17
17° x 35°

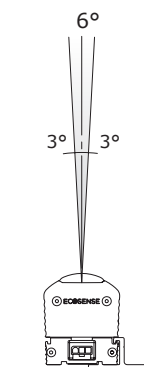
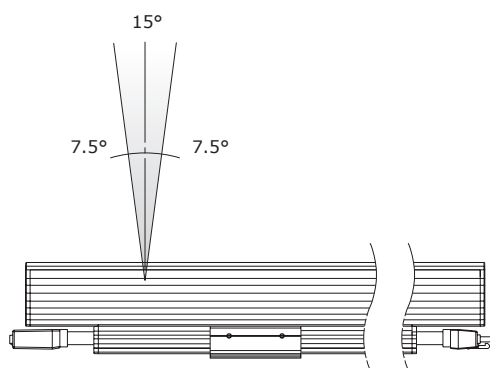
DISTRIBUTIONS



WWIL-XX-XX-XXX-30
30° x 60°



WWIL-XX-XX-XXX-60
60° x 60°



WWIL-XX-XX-XXX-6F
6° x 15°

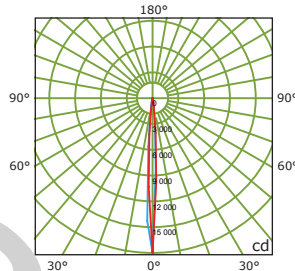
PHOTOMETRY CHARACTERISTICS

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

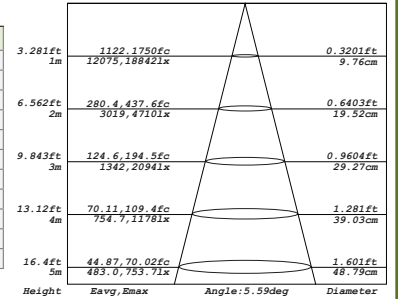
6°x 6°

2300K*

CHARACTERISTICS: LINEAR HP INT WW - SP (WWIL) 2300K / 6°x 6°	
Total Rated Fixture Lumens	473
Total Luminaire Efficiency	100%
Total Input Watts	7.46W
Horizontal Beam Angle (50%)	6.2
Vertical Beam Angle (50%)	6.1
Horizontal Field Angle (10%)	14.5
Vertical Field Angle (10%)	14.5



	0	22.5	45	67.5	90
0	16732	16671	16827.6	16702.3	16844.8
5	5338.7	6243.6	6652.4	6652.3	5931.1
15	333.8	350.4	345.1	346.6	335.8
25	65.3	68.7	67.8	64.2	59.2
35	24.6	25.2	23.8	21.9	22.1
45	15.1	15.6	15.6	12.6	11.5
55	11.2	10.7	6.2	6.7	7.2
65	4.9	4.4	3.3	3.9	4.3
75	1.7	1.1	1.3	1.9	2.3
85	0.2	0.1	0.6	0.8	1.1
90	0.0	0.1	0.4	0.5	0.7



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