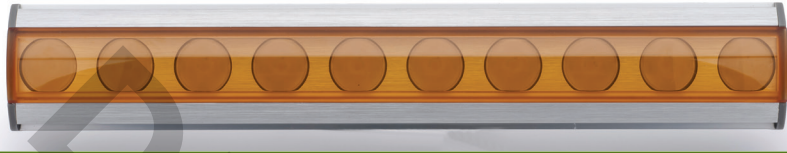


OVERVIEW / SPECIFICATION



EcoSpec® Linear HP INT WW Warm Cove - is the brightest interior luminaire in the product family with 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°	633 lm/LF	2,532 lm	60lm/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	11W Typical (The Typical input power range allows for a +/-10% variation of all components) 12W 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)					
	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 Plastic Endcaps with Plastic/Rubber Overmold for Cable Assembly					
	Weight	1.35lbs. / 0.62kg (1ft) ; 5.7lbs. / 2.6kg (4ft) approx					
PHYSICAL	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					
	CE, ENEC, C-Tick Certified, CCC						
	ETL Certified						
	RoHS Compliant						
FIXTURE RATING & CERTIFICATIONS							
LIMITED WARRANTY	5 Years	Intertek					



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 - AMBER		
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 Low Power Spec Sheet for more details				
## See Linear HP INT Wall Wash Low Power Warm Cove Spec Sheet for more details				

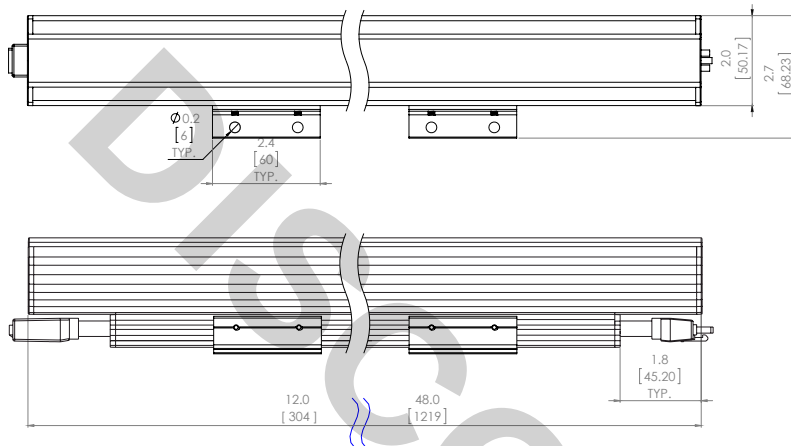
Wiring Options			
*INT Leader Cable, 3 Pin, 10ft, 110V	INT3P-A-LDR-120-10	INT Leader Cable, 3 Pin, 10ft, 220V	INT3P-A-LDR-220-10
INT Jumper Cable, 3 Pin, 5ft, 110V	INT3P-A-JMP-120-05	INT Jumper Cable, 3 Pin, 5ft, 220V	INT3P-A-JMP-220-05
INT Jumper Cable, 3 Pin, 1ft, 110V	INT3P-A-JMP-120-01	INT Jumper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

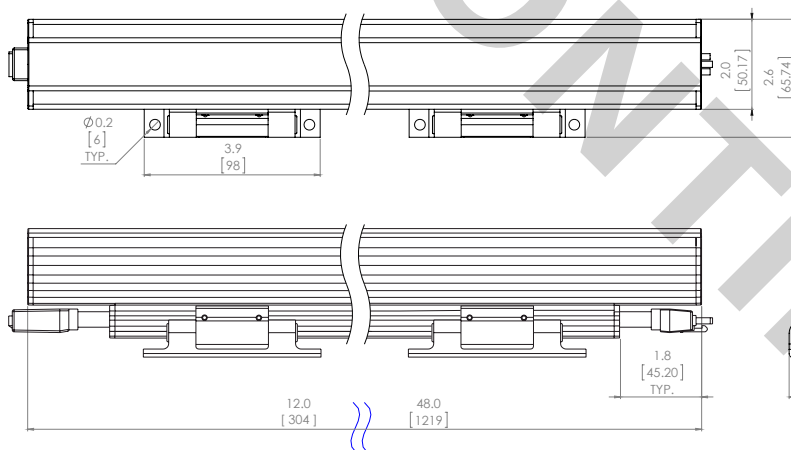
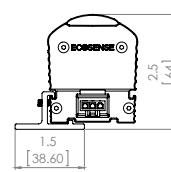
Mounting Options		
Flat Mounting Bracket, Interior Cove	INT-A-MNT-FLAT	Included Standard with each product length
Hinge Bracket, Interior Cove	INT-A-MNT-ADJ	Order 1 (one) bracket per 12" length, and 2 (two) brackets per 48" length
Snap On Clip, Interior Cove	WWI-A-MNT-STA	Order 2 (two) bracket per 12"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

DIMENSIONS

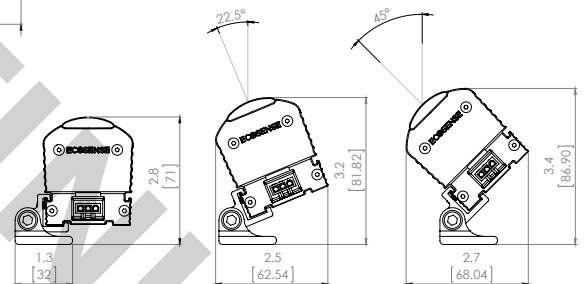
For complete dimensions and submittal drawings, please visit:
ecosenselighting.com



Flat Bracket - Direct Mount

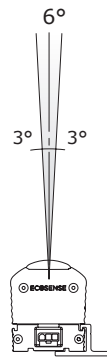
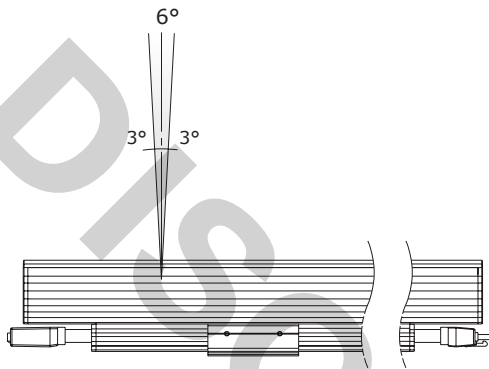


Adjustable Bracket - Direct Mount

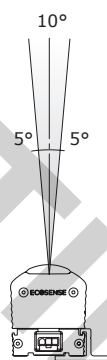
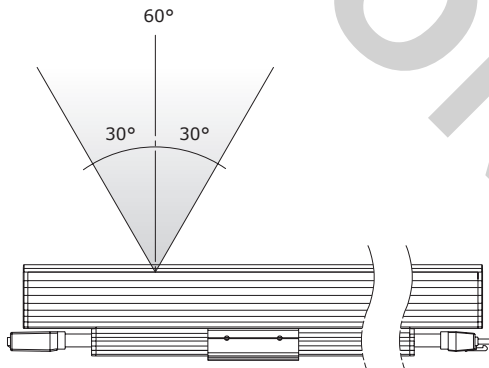


DIMENSION IN
 INCHES / [MM]

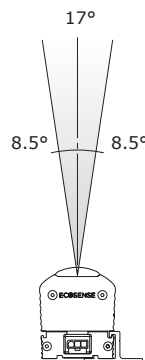
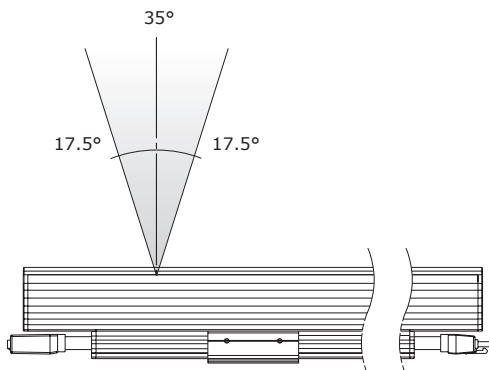
DISTRIBUTIONS



WWIS-XX-XX-XXX-6
6° x 6°

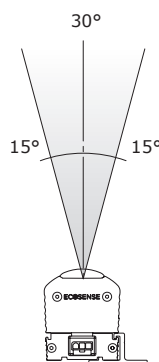
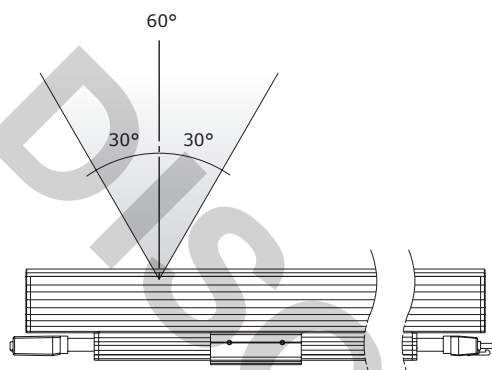


WWIS-XX-XX-XXX-10
10° x 60°

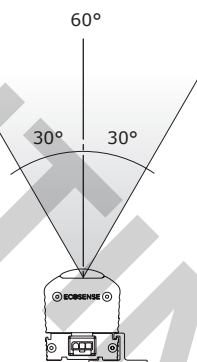
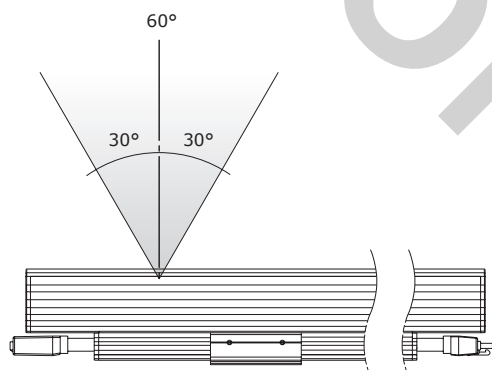


WWIS-XX-XX-XXX-17
17° x 35°

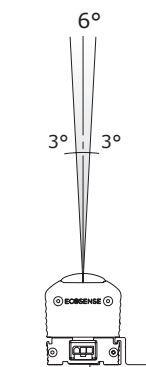
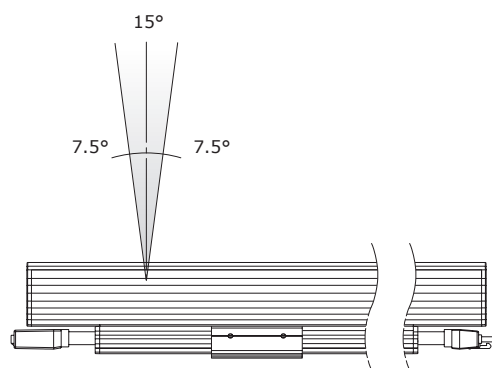
DISTRIBUTIONS



WWIS-XX-XX-XXX-30
30° x 60°



WWIS-XX-XX-XXX-60
60° x 60°



WWIS-XX-XX-XXX-6F
6° x 15°

PHOTOMETRY CHARACTERISTICS

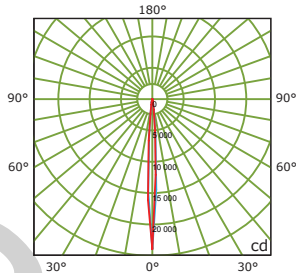
For complete library of IES files, please visit:
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6°x 6°

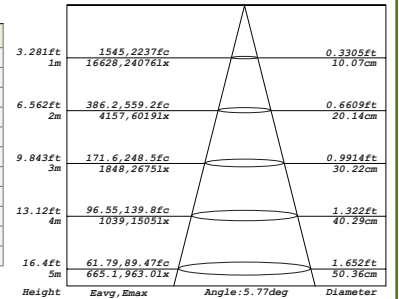
2300K

CHARACTERISTICS: LINEAR HP INT WW - SP (WWIS) 2300K / 6°x 6°

Total Rated Fixture Lumens	633
Total Luminaire Efficiency	100%
Total Input Watts	11.12W
Horizontal Beam Angle (50%)	6.1
Vertical Beam Angle (50%)	6.2
Horizontal Field Angle (10%)	14.8
Vertical Field Angle (10%)	14.5



	0	22.5	45	67.5	90
0	23166.1	23147.1	23195.1	23089.1	23182.6
5	5765.6	6254.4	6464.2	7229.7	7298.1
15	420.9	438.9	434	442.5	434
25	77	80.1	79.8	76.6	72.9
35	29.3	30.3	28.8	26.1	27.2
45	18.4	18.6	18.4	15	14.6
55	13.5	12.7	7.4	8	9
65	5.6	5.2	3.8	4.6	5.2
75	1.7	1.2	1.5	2.2	2.7
85	0.8	0.4	1.1	1.5	1.9
90	0	0.1	0.4	0.6	0.8



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