Features

Dimmable
Flicker-Free
In-line Connection
Long Life
Instant On
RoHS Compliant
Lead Free
Mercury Free
No UV

EcoSpec®
Linear HP EXT Wall Wash

EcoSense® EcoSpec® Linear HP EXT Wall Wash is an ultra-bright exterior linear white light fixture. Brighter than fluorescent tubes, these flicker-free dimmable fixtures offer an earth-friendly, mercury free cove solution.

Leveraging years of lighting experience, this robust aluminum frame fixture features powerful, energy efficient LEDs and precision constant current circuits for long-life applications.

With smart power technology, EcoSpec® Linear HP EXT Wall Wash connects directly to AC power; simplifying installation and minimizing costs. These long-life fixtures quickly pay for themselves in energy savings and maintenance costs, providing substantial savings over the 50,000 hour lumen maintenance.

Specifications

Color Temperature	**Lumen Output** (6° x 6°)
2700K	755 lm/LF : 3020 (4')
3000K	886 lm/LF : 3544 (4')
4000K	985 lm/LF : 3940 (4')
Color Rendering Index	80
Lumen Maintenance*	L_{70} 120,000 hours @ 25C
Beam Angle	6° x 6° / 10° x 60° / 17° x 35° / 30° x 60° / 60° x 60°
Power Consumption (Max)	120VAC – 17W (1ft) / 68W (4ft) 220VAC – 17W (1ft) / 68W (4ft) 277VAC – 17W (1ft) / 68W (4ft)
Efficacy (lm/W)	120VAC – 44.4 @ 2700K / 52.1 @ 3000K / 57.9 @ 4000K 220VAC – 44.4 @ 2700K / 52.1 @ 3000K / 57.9 @ 4000K 277VAC – 44.4 @ 2700K / 52.1 @ 3000K / 57.9 @ 4000K
Maximum Fixture Run Length	50' (15m) @120VAC / 90' (25m) @220VAC / 120' (40m) @277VAC
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Operating Voltage	100-120VAC, 220-240VAC, 277VAC, 50-60Hz
Dimming	120VAC / 220VAC – ELV Type, Reverse Phase, Trailing Edge Dimming 277VAC – Non-Dim Only
Housing	Aluminum; Clear Polycarbonate Lens
Fixture Connectors	Integral male / female 3-pin connectors
Fixture Rating	CE Certified - IP66 UL Certified for Wet Locations
Warranty	5 Years
Weight	2.43lbs /1.1kg (1ft); 10.4lbs /4.7kg (4ft)
Dimensions	W 3.1" x H 2.7" x L 12"/48" (79.5 mm x 67,7 mm x 305mm/1,219 mm)
Certifications	c UL us LISTED CE EK 05 N136 RoHS COMPLIANT

Restriction of Hazardous Substances Directive (RoHS) implements EU Directive 2002/95 which bans placing electrical and hazardous equipment that contains more than agreed levels of hazardous substances on the EU market. For a list of these substances visit www.rohs.gov.uk.

*Calculations for LED fixtures are based on measurements that comply with IES LM-80 testing procedures and IES TM-21 Calculator.

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(V. 3.15-2013)

EcoSpec®
Linear HP EXT Wall Wash

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

11LC   -   -   -   -

MODEL	LENGTH	COLOR	VOLTAGE	OPTIC
11LC	**12** - 1'-0" **48** - 4'-0"	**27** - 2700K **30** - 3000K **35** - 3500K* **40** - 4000K	**120** - 100-120VAC **220** - 220-240VAC **277** - 277VAC**	**6** - 6° x 6° **10** - 10° x 60° **17** - 17° x 35° **30** - 30° x 60° **60** - 60° x 60°

Order accessories as separate catalogue numbers from the **Accessories** section below.

EXAMPLE: 11LC-12-30-120-6

* 3500K not available in CE (220-240VAC), consult EcoSense Sales Representative for information.

Accessories

Wiring

Leader Cable 10'-0" (UL)*	**EXT-A-CBL-120-10**	Leader Cable 10'-0" (CE)*	**EXT-A-CBL-220-10**
Jumper Cable 1'-0" (UL)	**EXT-A-JMP-120-1**	Jumper Cable 1'-0" (CE)	**EXT-A-JMP-220-1**
Jumper Cable 5'-0" (UL)	**EXT-A-JMP-120-5**	Jumper Cable 5'-0" (CE)	**EXT-A-JMP-220-5**

* One (1) terminator is included standard with each Leader Cable
** The 120VAC (UL) Accessory Cables are also rated for 277VAC use

Mounting

Flat Mounting Plate	**10-A-MNT-FLAT**	(Included with each product length.)
Adjustable Hinge Bracket	**11-A-MNT-ADJ**	
Safety Bracket	**11-A-MNT-SAFT**	

DISCONTINUED

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Linear HP EXT Wall Wash

Dimension and Mounting

For complete dimensional submittal drawings and full scale CAD drawings, please visit ecosenselighting.com.
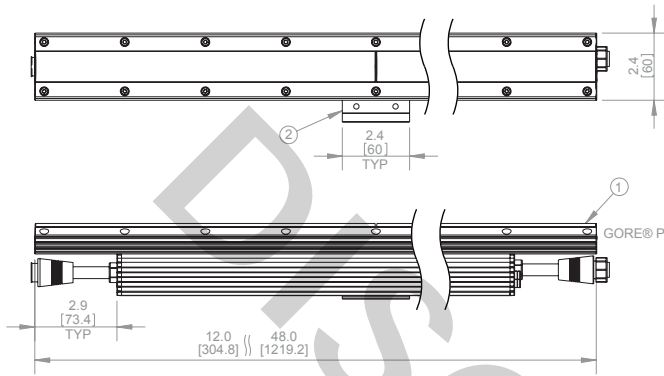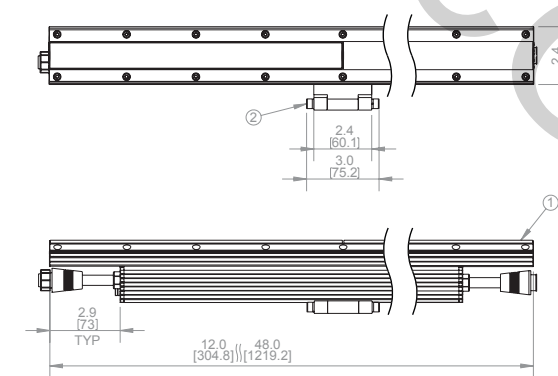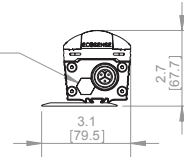
**Flat Mounting Plate –
Direct Mount: 10-A-MNT-FLAT**

**1ft fixture = 1 Bracket
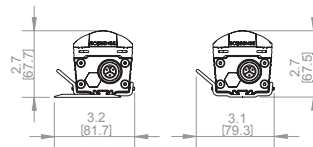4ft fixture = 2 Brackets**

GORE® PROTECTIVE VENT
DO NOT REMOVE

**Adjustable Bracket -
Direct Mount 11-A-MNT-ADJ**

**1ft fixture = 1 Bracket
4ft fixture = 2 Brackets**
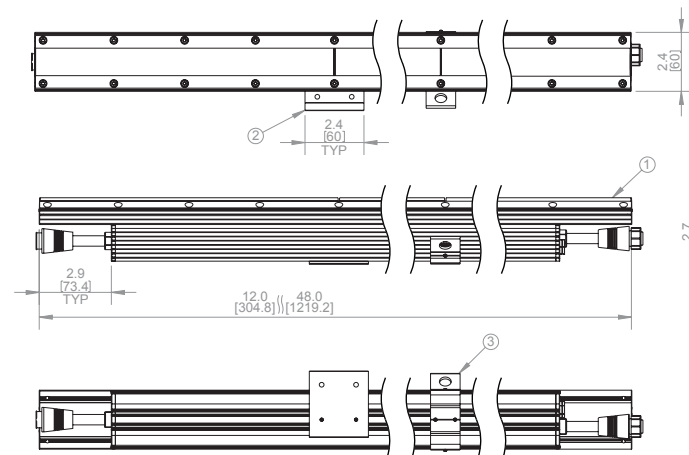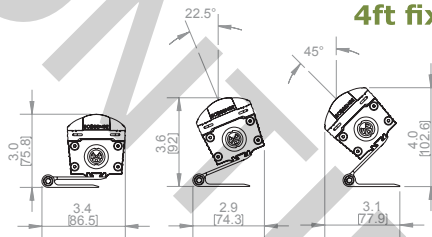
**Safety Bracket -
Direct Mount 11-A-MNT-SAFT**

**1ft fixture = 1 Bracket
4ft fixture = 2 Brackets**

DIMENSION IN
INCHES / [MM]

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Fixture Distribution

6°

6°

3° 3°

3° 3°

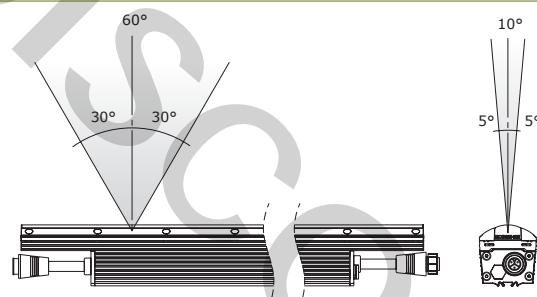**11LC-XX-XX-XXX-6**
6° x 6°

60°

10°

30° 30°

5° 5°
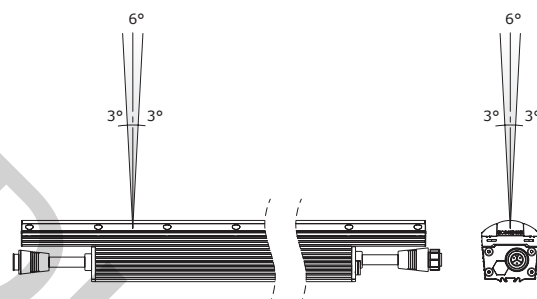
11LC-XX-XX-XXX-10
10° x 60°

35°

17°

17.5° 17.5°

8.5° 8.5°
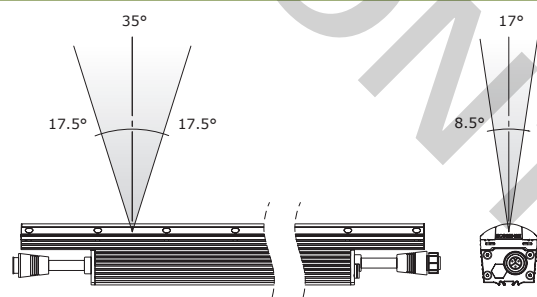
11LC-XX-XX-XXX-17
17° x 35°

60°

30°

30° 30°

15° 15°
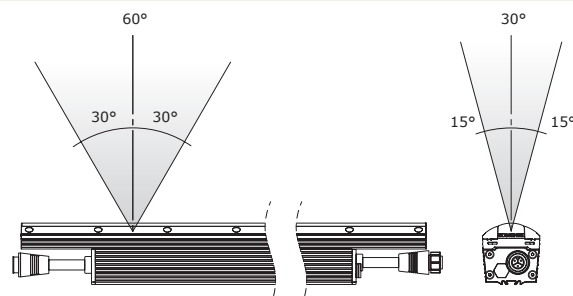
11LC-XX-XX-XXX-30
30° x 60°

60°

60°

30° 30°

30° 30°
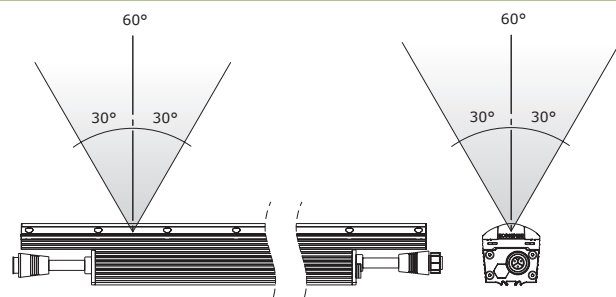
11LC-XX-XX-XXX-30
60° x 60°

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Photometry Characteristics

Characteristics

Total Rated Fixture Lumens	755
Total Luminaire Efficiency	100%
Total Input Watts	16.6W
Horizontal Beam Angle (50%)	8.9
Vertical Beam Angle (50%)	4.4
Horizontal Field Angle (10%)	15.0
Vertical Field Angle (10%)	13.8

Luminance Data (cd/sq. m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
0	2442375	2442375	2442375
45	1779	1833	2463
55	1847	1684	2196
65	1152	915	738
75	798	435	1181
85	0	799	1597

Fixture: 11LC-12-27-120-6

Candela Distribution

IES Direction
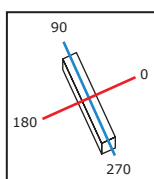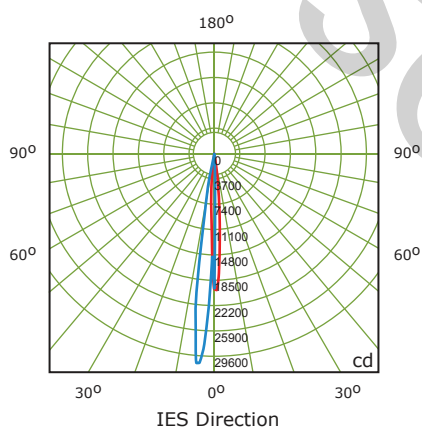
Coefficients of Utilization

RC	80			70			50			30			10			0
RW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0.00
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	0.99
1	1.14	1.12	1.11	1.12	1.10	1.09	1.08	1.07	1.06	1.04	1.03	1.03	1.01	1.00	1.00	0.98
2	1.10	1.08	1.06	1.08	1.06	1.05	1.05	1.04	1.02	1.02	1.01	1.00	1.00	0.99	0.98	0.97
3	1.07	1.04	1.02	1.06	1.03	1.01	1.03	1.01	1.00	1.01	0.99	0.98	0.99	0.98	0.97	0.95
4	1.04	1.02	0.99	1.03	1.01	0.99	1.02	0.99	0.98	1.00	0.98	0.96	0.98	0.97	0.95	0.94
5	1.02	0.99	0.97	1.02	0.99	0.97	1.00	0.98	0.96	0.99	0.97	0.95	0.97	0.96	0.94	0.93
6	1.01	0.98	0.96	1.00	0.97	0.95	0.99	0.96	0.95	0.98	0.96	0.94	0.97	0.95	0.93	0.93
7	0.99	0.96	0.94	0.99	0.96	0.94	0.98	0.95	0.94	0.97	0.95	0.93	0.96	0.94	0.93	0.92
8	0.98	0.95	0.93	0.98	0.95	0.93	0.97	0.94	0.93	0.96	0.94	0.92	0.95	0.93	0.92	0.91
9	0.97	0.94	0.92	0.97	0.94	0.92	0.96	0.94	0.92	0.95	0.93	0.92	0.95	0.93	0.91	0.91
10	0.96	0.93	0.92	0.96	0.93	0.92	0.95	0.93	0.91	0.95	0.93	0.91	0.94	0.92	0.91	0.90

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

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