



# Outdoor Lighting Systems

## EcoVista LED Billboard Light Fixtures

Catalog number:
Type:
Notes:

### FEATURES & SPECIFICATIONS

#### Intended Use

Ideal for billboard lighting situations where Dark Skies Initiatives are observed.

#### Construction

Housing is made from extruded aircraft quality 6061 aluminum and powder coated with high-performance polyester resin for a rugged and maintenance-free life. Patented Relume Silver Circuitry™ ensures excellent thermal management and low LED junction temperatures—the key to long LED life. The LED light engine is protected by a high-impact, UV stabilized, non-yellowing lens. Integrated mounting and wiring fittings mean easy installations.

#### Electrical

Each power supply (driver) operates over voltages ranging from 120-277 or 377-480 volts (50/60 Hz). The driver is highly efficient with a power factor of greater than 0.98 and a total harmonic distortion (THD) of less than 20%. Fluctuations in line voltage have no effect on luminous output. Drivers have voltage surge protection to withstand high repetition noise transients. Unit meets radio frequency interference (RFI) emission limits set forth in FCC Title 47, Subpart B, Section 15.

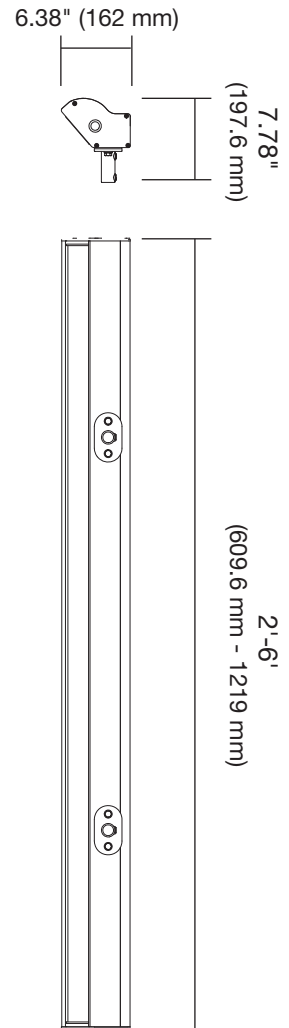
#### Quality Assurance

Relume designs and builds its products to meet or exceed industry-quality standards and references including American National Standards Institute (ANSI), American Society for Testing and Materials International (ASTM), Council of the European Union (EC), Federal Trade Commission (FTC), Illuminating Engineering Society of North America (IESNA or IES), Institute of Electrical and Electronics Engineers (IEEE), National Electrical Manufacturers Association (NEMA), National Fire Protection Association (NFPA), Underwriters Laboratories (UL), Edison Testing Labs (ETL), Design Lights Consortium (DLC) and International Dark Sky (IDA). In production, each light fixture is certified by Relume's internal QA process. A quality control tracking label, including date of manufacture, is mounted on the inside of each fixture for full ISO 9001:2008 compliance. Relume guarantees unsurpassed quality by offering an industry leading 7 year limited warranty.

#### Eco-Friendly

Compared with conventional lighting fixtures, EcoVista provides superior color rendering, with a cooler, more accurate hue across the board. Because the LED light output from EcoVista is extremely focused, more light illuminates the board and far less escapes into the night, making EcoVista a community-friendly technology for Dark Skies initiatives.

#### EcoVista LED Billboard Light: Standard Dimensions:



Ordering example: M EV 2 CW UL 1 AB

FAMILY	TYPE	LENGTH	LENS	COLOR TEMP	VOLTAGE	EXTERIOR COLOR
M = Media	EV = EcoVista	2 = 2' 3 = 3' 4 = 4' 5 = 5' 6 = 6'	1 = Heated X = None	CW = Cool White (5500K) NW = Neutral White (4500 K) WW = Warm White (3500 K)	UL = 120/277 UH = 347/480	AB = Architectural Bronze



#### Warranty

Relume guarantees unsurpassed quality by offering an industry leading 7 year limited warranty. Contact Relume for complete warranty language, exceptions, and limitations.





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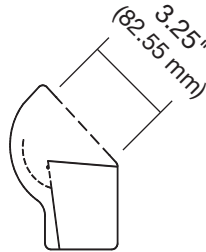
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## EcoVista - EV2

LS Report #29297

**Initial Delivered Lumens: 1300**  
**System Watts: 34.5W**



All photometric testing was conducted by Lighting Sciences Inc.

Testing was performed in accordance with IES LM-79-08.

### ELECTRICAL MEASUREMENTS

INPUT VOLTAGE:	120.0	VOLTS AC
INPUT CURRENT:	0.293	AMPS
INPUT POWER:	34.5	WATTS
POWER FACTOR:	98.1	PERCENT
OFF STATE POWER:	0.00	WATTS

### LIGHT OUTPUT

LUMENS:	1300	lm
EFFICACY:	37.7	lm/W

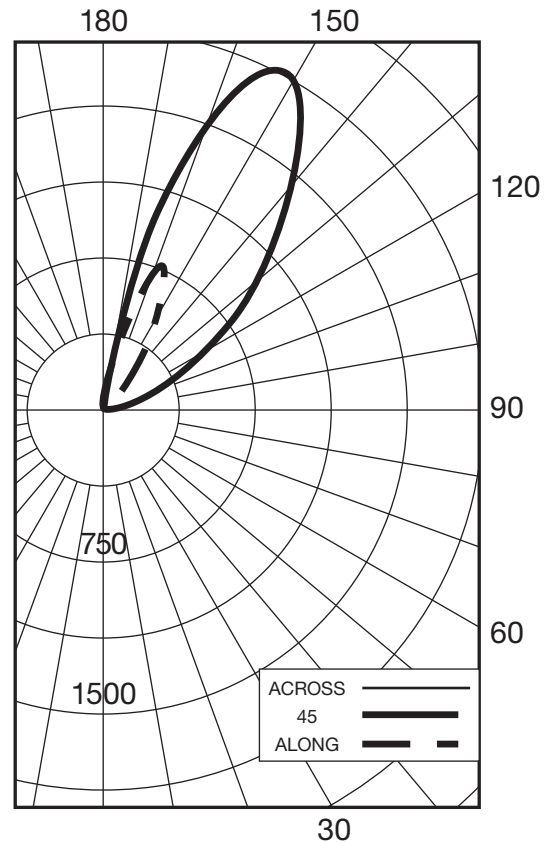
### SPECTRAL MEASUREMENTS

X:	0.3274	Duv:	0.0016
y:	0.3333	CRI(Ra):	73.8
u/u':	0.2064	CRI(R9):	-12.9
v:	0.3152	CCT:	5732 K
v':	0.4728	RADIANT FLUX:	5124 mW

### INTENSITY (CANDLEPOWER) IN MAX. PLANE

ANGLE	PLANE					AVERAGE	OUTPUT LUMENS
	ALONG	22.5	45	67.5	ACROSS		
0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0
35	0	0	0	0	1	0	0
40	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0
70	0	0	0	0	0	1	0
75	0	0	0	0	0	2	0
80	0	0	1	1	2	1	1
85	0	1	0	1	3	1	1
90	1	0	1	6	14	4	18
95	16	1	5	25	54	17	51
100	12	2	8	48	105	29	109
105	11	4	12	82	175	48	190
110	9	5	17	131	269	73	291
115	4	7	24	199	400	108	405
120	4	11	34	293	568	156	477
125	3	15	49	405	746	211	600
130	2	21	77	549	944	280	750
135	2	31	126	749	1175	374	945
140	3	48	207	1018	1436	498	1170
145	2	73	346	1354	1673	653	1455
150	2	101	543	1654	1862	807	1755
155	3	124	722	1785	1836	888	1980
160	5	97	738	1553	1508	786	1980
165	8	47	430	959	936	477	1455
170	12	26	122	254	262	135	405
175	15	17	24	29	28	23	60
180	15	15	15	15	15	15	6

With Clear Flat Plastic Lenses



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