



Outdoor Lighting Systems

VUE Roadway LED Light Fixtures

MODEL | 100 HE

Catalog number:
Type:
Notes:

FEATURES & SPECIFICATIONS

Intended Use

The VUE™ family of street and roadway fixtures are designed to meet the requirement of local streets, roadways and highways.

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. Proprietary Copper Composite™ heat management systems 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. Topside toolless access to the slip-fitter and terminal block for easy wiring and installation.

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.

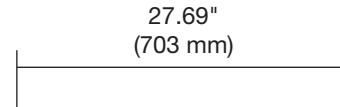
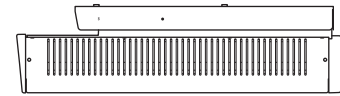
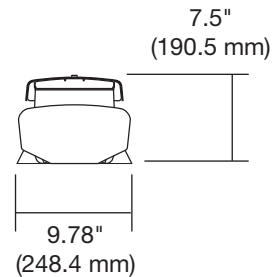
Quality Assurance

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

All Relume Light Engines and fixtures fully comply with the Restriction of Hazardous Substances Directives (RoHS) adopted in February 2003 by the European Union and are fully recyclable.

VUE Roadway LED Light Fixtures: Standard Dimensions:



Weight: 25 lbs.

Ordering example: R V100HE D2 CW UL 1 AB

FAMILY	TYPE	DISTRIBUTION	COLOR TEMP	VOLTAGE	CONTROLS	EXTERIOR COLOR
R = Roadway	V100 HE	D2 = Type 2 D3 = Type 3	CW = Cool White (5500K) NW = Neutral White (4500 K) WW = Warm White (3500 K)	UL = 120/277 UH = 347/480* * Not control enabled	1 = Sentinel 2 = Photo Cell 3 = Photo Cell Receptacle X = None	AB = Architectural Bronze HG = Hammered Grey



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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VUE100 HE

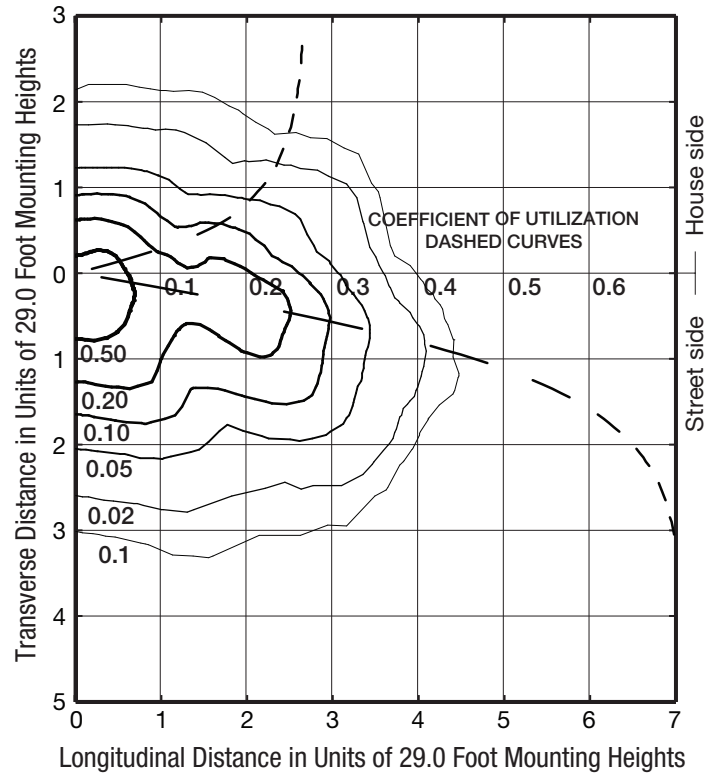
LS Report #29405

Initial Delivered Lumens: 3526
System Watts: 59W

EPA (Effective Projected Area):
 1.44 sq. ft.

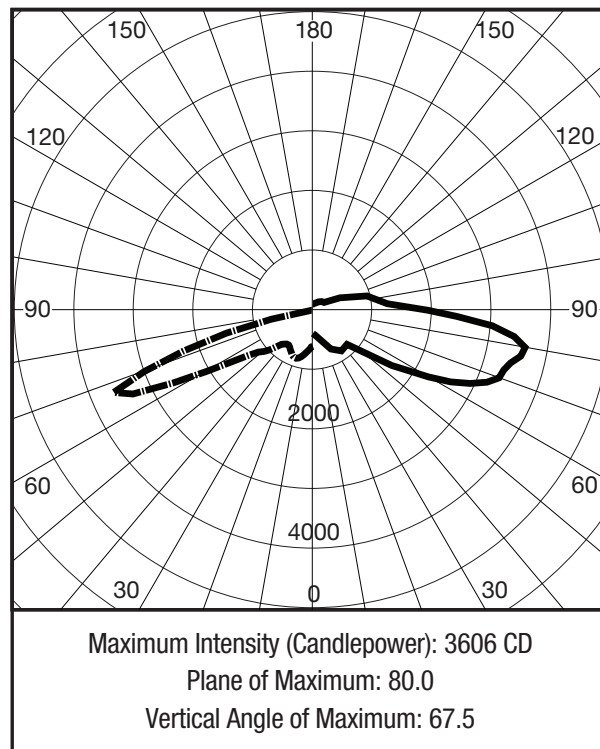
All photometric testing was conducted by Lighting Sciences Inc.

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



INTENSITY (CANDLEPOWER) IN MAX. PLANE		INTENSITY (CANDLEPOWER) IN MAX. CONE	
ANGLE	CANDLEPOWER	ANGLE	CANDLEPOWER
0.0	60	1.0	390
5.0	654	5.0	420
10.0	735	15.0	522
15.0	820	25.0	715
20.0	853	35.0	834
25.0	827	45.0	811
30.0	756	55.0	1613
35.0	714	60.0	2233
40.0	741	62.5	2596
45.0	868	65.0	2903
50.0	1074	67.5	3153
52.5	1151	70.0	3315
55.0	1326	72.5	3344
57.5	1610	75.0	3422
60.0	2051	77.5	3562
62.5	2627	80.0	3606
65.0	3321	82.5	3395
67.5	3606	85.0	3014
70.0	3000	87.5	2413
72.5	2275	90.0	1922
75.0	1501	95.0	1253
77.5	716	105.0	941
80.0	95	115.0	506
82.5	31	125.0	236
85.0	9	135.0	207
87.5	2	145.0	176
90.0	0	155.0	140
95.0	0	165.0	122
105.0	0	175.0	111
115.0	0	180.0	106
125.0			
135.0			
145.0			
155.0			
165.0			
175.0			
180.0			

With Clear Curved Plastic Lenses over LEDs



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