



Outdoor Lighting Systems

VUE Roadway LED Light Fixtures

MODEL | 150 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.

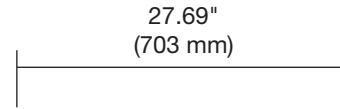
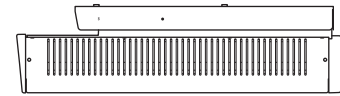
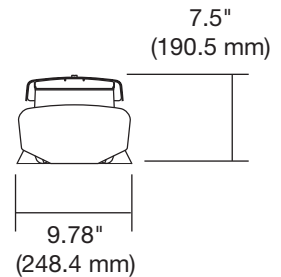
Quality Assurance

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 V150HE D2 CW UL 1 AB

FAMILY	TYPE	DISTRIBUTION	COLOR TEMP	VOLTAGE	CONTROLS	EXTERIOR COLOR
R = Roadway	V150 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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VUE150 HE

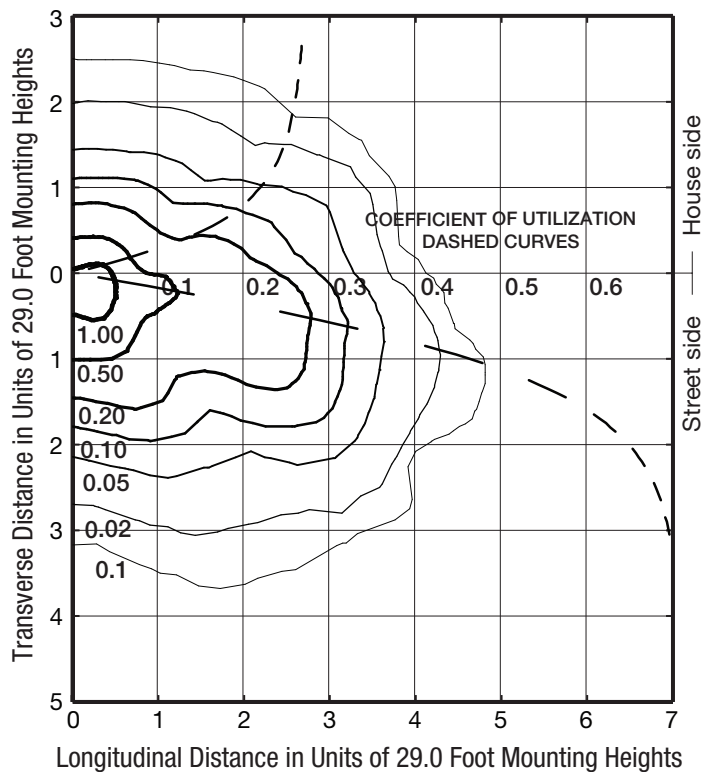
LS Report #29407

Initial Delivered Lumens: 5285
System Watts: 84.4W

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.



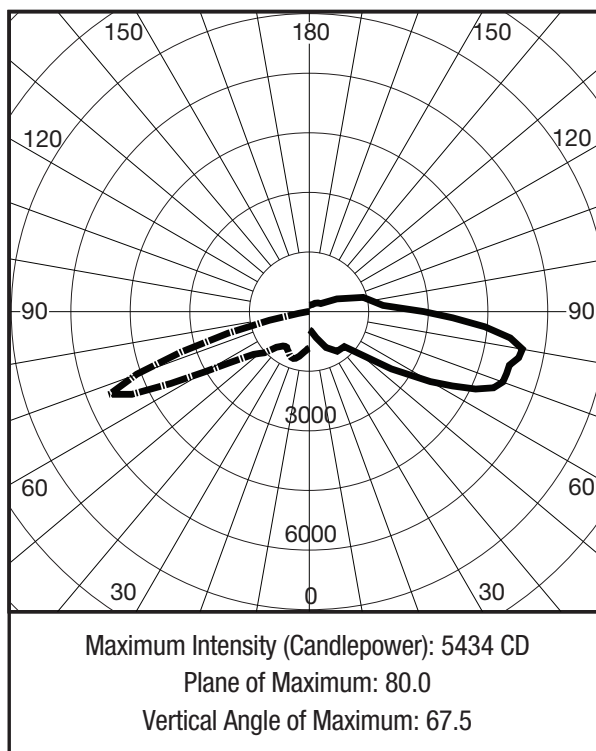
INTENSITY (CANDLEPOWER)
IN MAX. PLANE

ANGLE	CANDLEPOWER
0.0	919
5.0	986
10.0	1088
15.0	1208
20.0	1247
25.0	1194
30.0	1107
35.0	1065
40.0	1157
45.0	1361
50.0	1640
52.5	1764
55.0	2048
57.5	2406
60.0	3048
62.5	3917
65.0	4925
67.5	5434
70.0	4615
72.5	3389
75.0	2127
77.5	1034
80.0	293
82.5	48
85.0	17
87.5	6
90.0	1
95.0	0
105.0	0
115.0	0
125.0	0
135.0	0
145.0	0
155.0	0
165.0	0
175.0	0
180.0	0

INTENSITY (CANDLEPOWER)
IN MAX. CONE

ANGLE	CANDLEPOWER
0.0	464
5.0	492
15.0	681
25.0	1002
35.0	1222
45.0	1247
55.0	2521
60.0	3514
62.5	4052
65.0	4615
67.5	5015
70.0	5177
72.5	5197
75.0	5207
77.5	5392
80.0	5434
82.5	5093
85.0	4432
87.5	3606
90.0	2875
95.0	1858
105.0	1410
115.0	770
125.0	362
135.0	316
145.0	260
155.0	206
165.0	183
175.0	166
180.0	159

With Clear Curved Plastic Lenses over LEDs



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