



Outdoor Lighting Systems

VUE Roadway LED Light Fixtures

MODEL | 320 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.

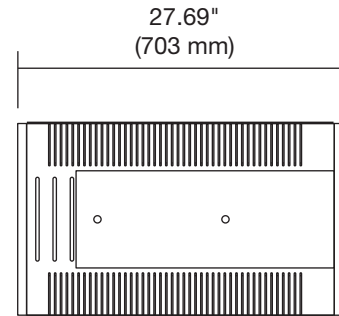
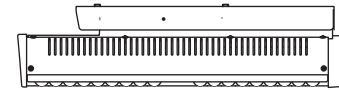
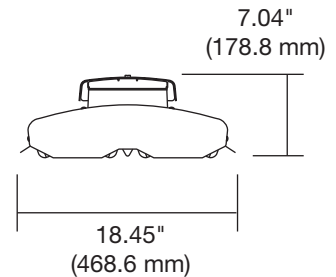
Quality Assurance

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: 47 lbs.

Ordering example: R V320HE D2 CW UL 1 AB

FAMILY	TYPE	DISTRIBUTION	COLOR TEMP	VOLTAGE	CONTROLS	EXTERIOR COLOR
R = Roadway	V320 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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VUE320 HE

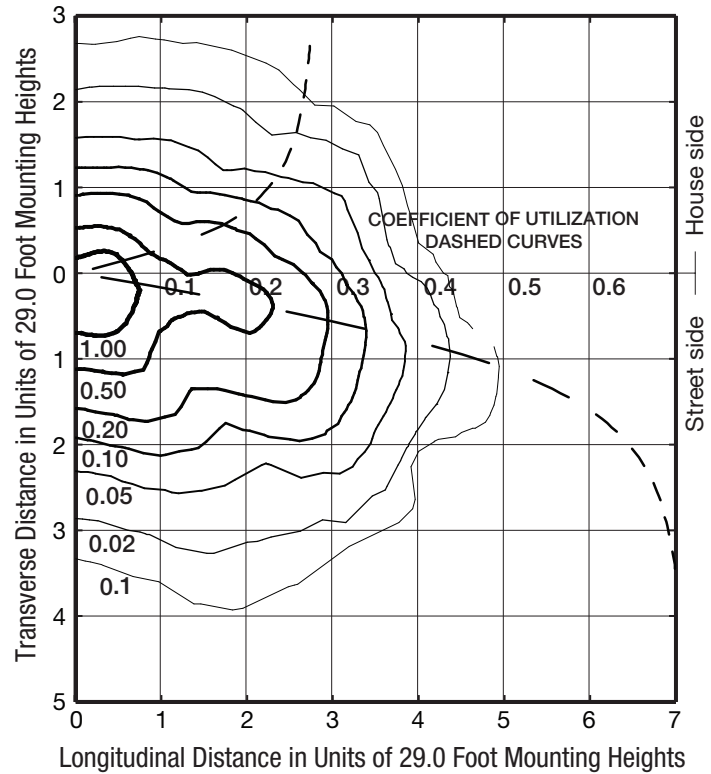
LS Report #29409

Initial Delivered Lumens: 10673
System Watts: 171W

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

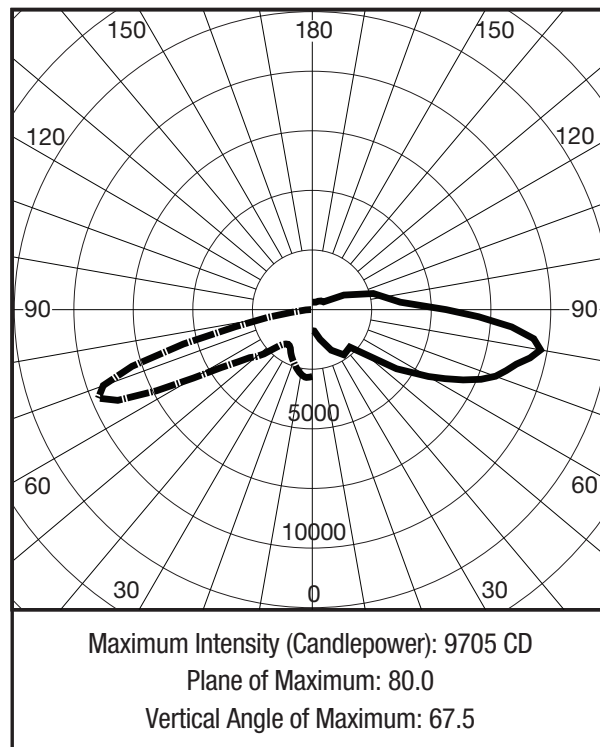
All photometric testing was conducted by Lighting Sciences Inc.

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	2804	0.0	891
5.0	2853	5.0	916
10.0	2754	15.0	1305
15.0	2545	25.0	1887
20.0	2334	35.0	2330
25.0	2091	45.0	2236
30.0	1866	55.0	4319
35.0	1780	60.0	5633
40.0	1912	62.5	6274
45.0	2357	65.0	6978
50.0	3085	67.5	7644
52.5	3306	70.0	8162
55.0	3823	72.5	8518
57.5	4527	75.0	8847
60.0	5763	77.5	9343
62.5	7364	80.0	9705
65.0	9001	82.5	9362
67.5	9705	85.0	8385
70.0	9313	87.5	6980
72.5	7925	90.0	5598
75.0	5591	95.0	3708
77.5	3305	105.0	2653
80.0	1910	115.0	1474
82.5	904	125.0	593
85.0	295	135.0	534
87.5	109	145.0	451
90.0	52	155.0	350
95.0	3	165.0	330
105.0	0	175.0	324
115.0	0	180.0	314
125.0	0		
135.0	0		
145.0	0		
155.0	0		
165.0	0		
175.0	0		
180.0	0		

WITH CLEAR CURVED PLASTIC LENSES OVER LEDS



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