



# Outdoor Lighting Systems

## VUE Roadway LED Light Fixtures

MODEL | 250

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.

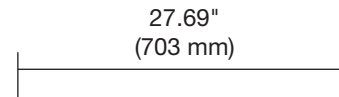
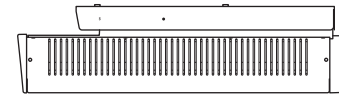
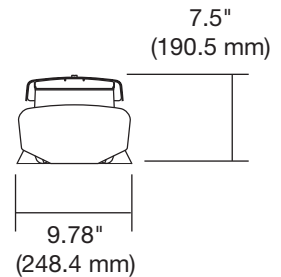
#### Eco-Friendly

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.

Ordering example: R V250 D2 CW UL 1 AB

FAMILY	TYPE	DISTRIBUTION	COLOR TEMP	VOLTAGE	CONTROLS	EXTERIOR COLOR
R = Roadway	V250	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

### VUE Roadway LED Light Fixtures: Standard Dimensions:



Weight: 25 lbs.



#### Warranty

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

Relume VUE Roadway LED Light Fixtures | FEATURES & SPECIFICATIONS





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### FEATURES & SPECIFICATIONS

## VUE250

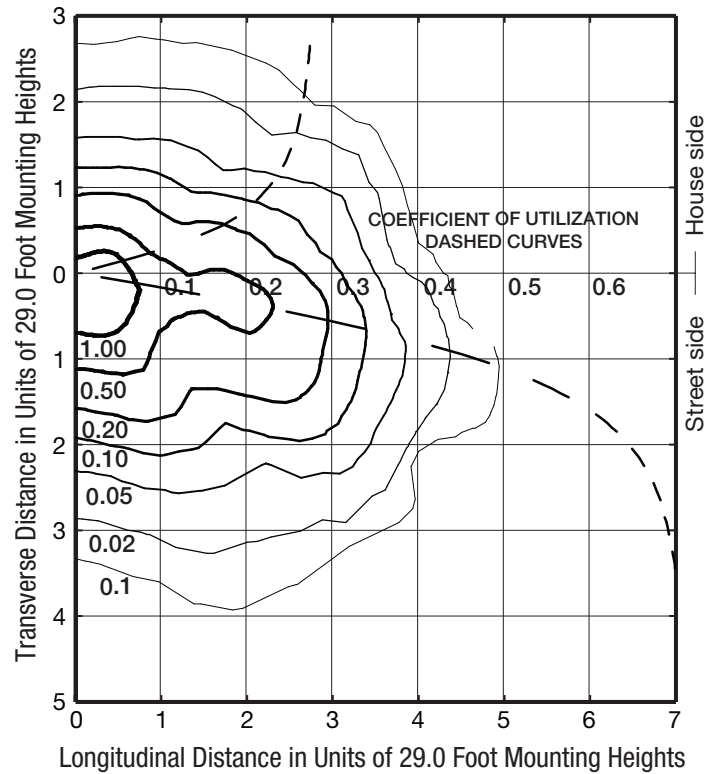
LS Report #29408

**Initial Delivered Lumens: 6985**  
**System Watts: 128W**

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

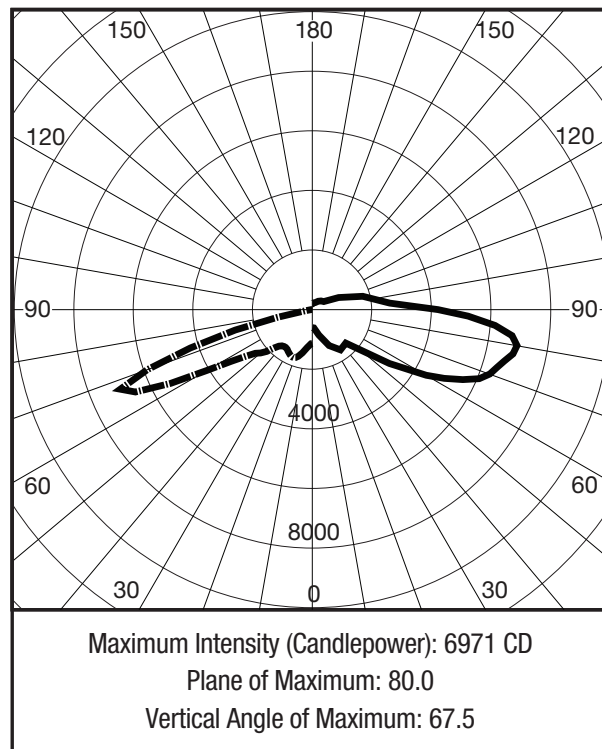
*All photometric testing was conducted by Lighting Sciences Inc.*

*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	1131	0.0	602
5.0	1215	5.0	629
10.0	1375	15.0	888
15.0	1576	25.0	1334
20.0	1718	35.0	1649
25.0	1711	45.0	1586
30.0	1624	55.0	3159
35.0	1558	60.0	4404
40.0	1597	62.5	4987
45.0	1824	65.0	5570
50.0	2273	67.5	6052
52.5	2411	70.0	6322
55.0	2745	72.5	6486
57.5	3229	75.0	6654
60.0	4108	77.5	6888
62.5	5357	80.0	6971
65.0	6546	82.5	6756
67.5	6971	85.0	6155
70.0	5891	87.5	5230
72.5	4298	90.0	4215
75.0	2675	95.0	2611
77.5	1210	105.0	1758
80.0	265	115.0	974
82.5	59	125.0	482
85.0	17	135.0	426
87.5	6	145.0	358
90.0	1	155.0	277
95.0	0	165.0	241
105.0	0	175.0	214
115.0	0	180.0	206
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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