

## Outdoor Distribution Test Report

**Catalog Number**

RoadMax RX2, 200W, 2700K, Type III, No Lens  
RX2 200 E7 T3 G0

**Test Number**

Scaled from RX2-140E3T3G0-14703860.08A

**Test Date**

3/22/2023

The results contained in this report pertain only to this IES file.

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**Input**

Number of Lamps	1
Lumens per Lamp	N/A lm
Total Input Lumens	N/A lm
Input Watts	200 W

**Output**

Total Output Lumens	21650 lm
Efficiency	N/A %
Efficacy	108.25 lm/W

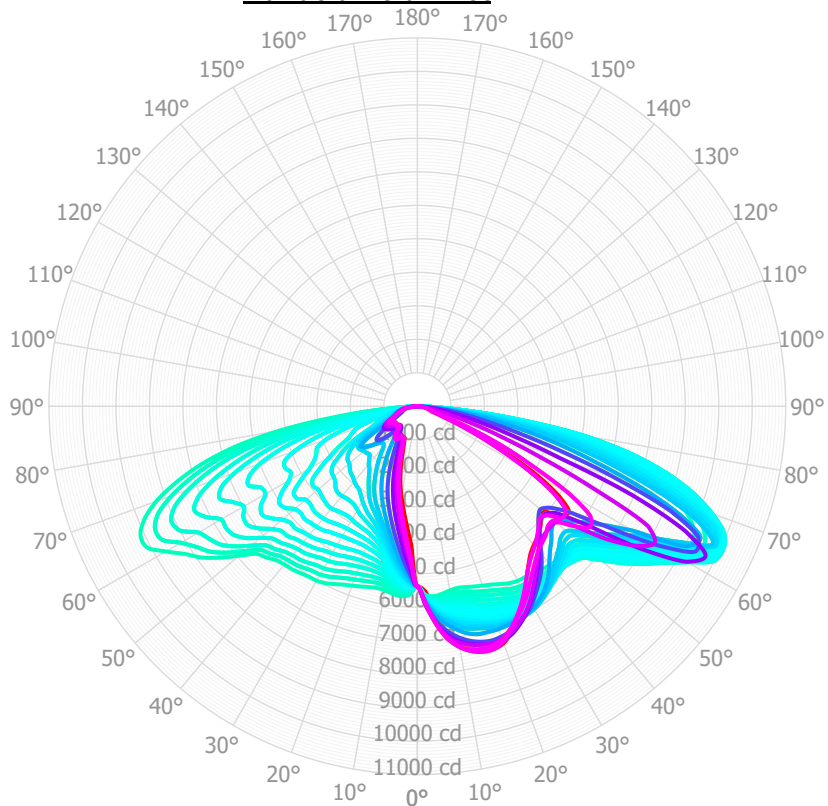
**Luminous Dimensions**

0° - 180° Size	1.06 ft
90° - 270° Size	1.31 ft
Height	0 ft

**Roadway Summary**

Total Luminaire Optical Efficiency	N/A %
IESNA lateral classification	Type III
IESNA vertical classification	Short
Cutoff classification	Noncutoff
IESNA TM-15-11 BUG Rating	B3 U0 G3
Maximum Candela	10086.4 at 77.5° horizontal, 65° vertical.
Street side total	73.63 %
House side total	26.37 %

### Candela Polar Plot



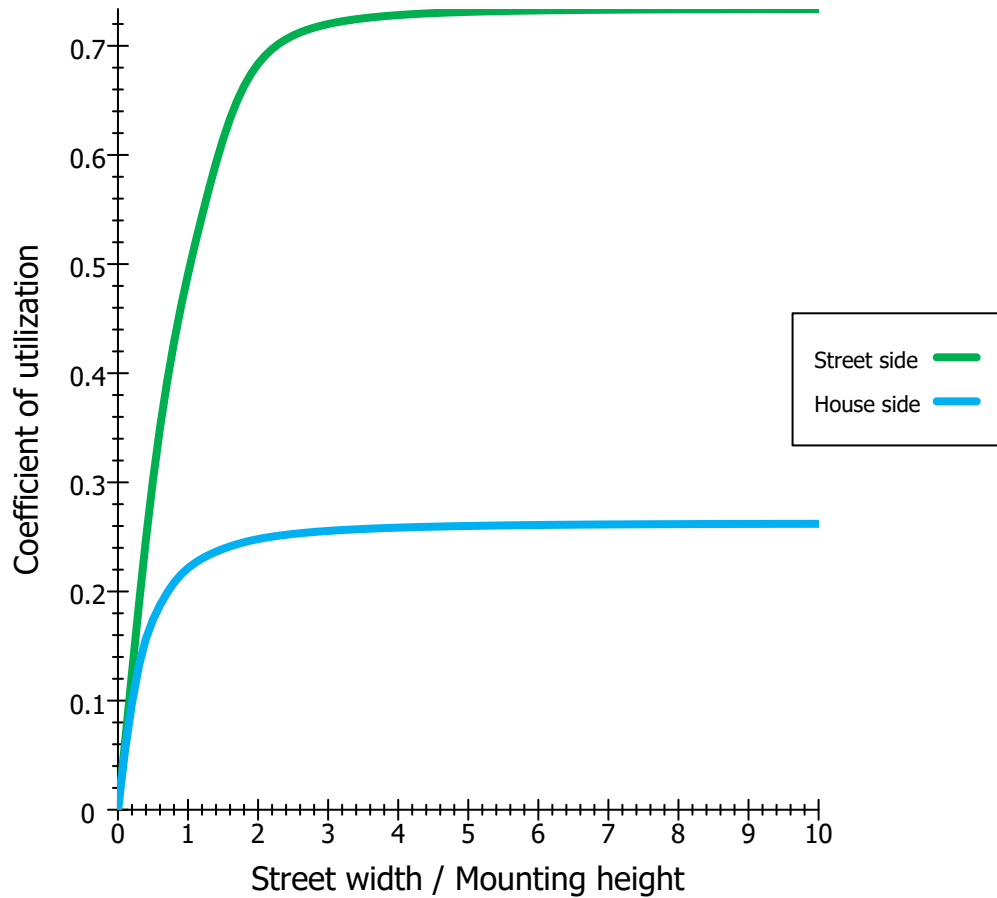
### Zonal Lumen Summary

Zone	Lumens	% Fixture	Zone	Lumens	% Fixture
0° - 10°	525.69	2.43%	90° - 100°	0.00	0.00%
10° - 20°	1457.44	6.73%	100° - 110°	0.00	0.00%
20° - 30°	2170.40	10.02%	100° - 120°	0.00	0.00%
30° - 40°	2665.28	12.31%	120° - 130°	0.00	0.00%
40° - 50°	3057.10	14.12%	130° - 140°	0.00	0.00%
50° - 60°	4057.18	18.74%	140° - 150°	0.00	0.00%
60° - 70°	4540.68	20.97%	150° - 160°	0.00	0.00%
70° - 80°	2617.63	12.09%	160° - 170°	0.00	0.00%
80° - 90°	558.61	2.58%	170° - 180°	0.00	0.00%
0° - 90°	21650.00	100.00%	0° - 180°	21650.00	100.00%
0° - 75°	20052.62	92.62%	75° - 90°	1597.38	7.38%

**Average Luminare Luminance [cd/m<sup>2</sup>]**

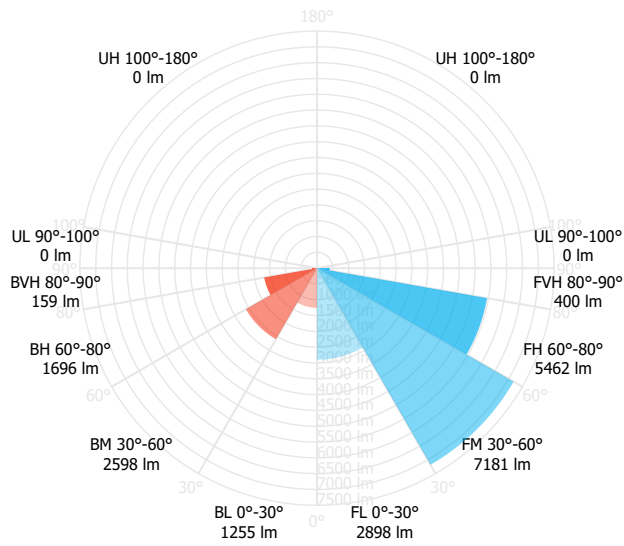
	0.00°	45.00°	90.00°
0.00°	41701	41701	41701
45.00°	56780	56092	69979
55.00°	74645	73969	106422
65.00°	36759	169707	167313
75.00°	10851	95996	199692
85.00°	8689	28576	101534

### Roadway Coefficients of Utilization

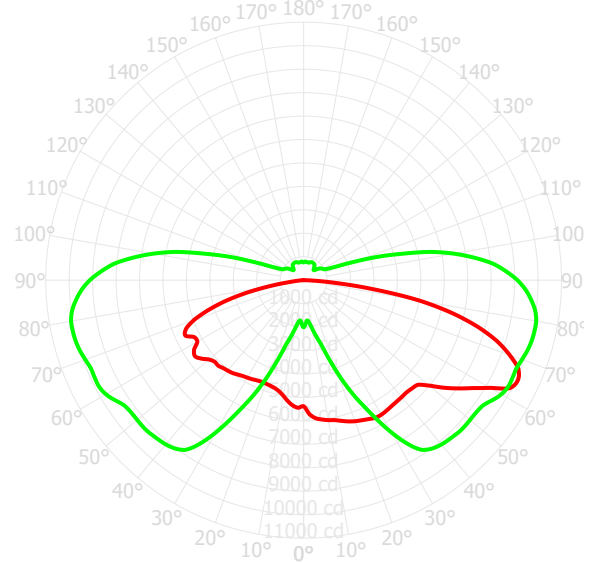


Mounting Heights	1	2	3	4	5	6	7	8	9	10
House Side CU	0.22	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
Street Side CU	0.49	0.68	0.72	0.73	0.73	0.73	0.73	0.73	0.73	0.73

### IES TM-15-11 BUG Ratings



### Peak Intensity



### Iso-Illuminance Plot

