

Outdoor Distribution Test Report

Catalog Number

RoadMax RX2, 70W, 5000K, Type III, No Lens
RX2 070 E5 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.

RoadMax RX2, 70W, 5000K, Type III, No Lens
RX2 070 E5 T3 G0

Input

Number of Lamps	1
Lumens per Lamp	N/A lm
Total Input Lumens	N/A lm
Input Watts	70 W

Output

Total Output Lumens	10430.01 lm
Efficiency	N/A %
Efficacy	149 lm/W

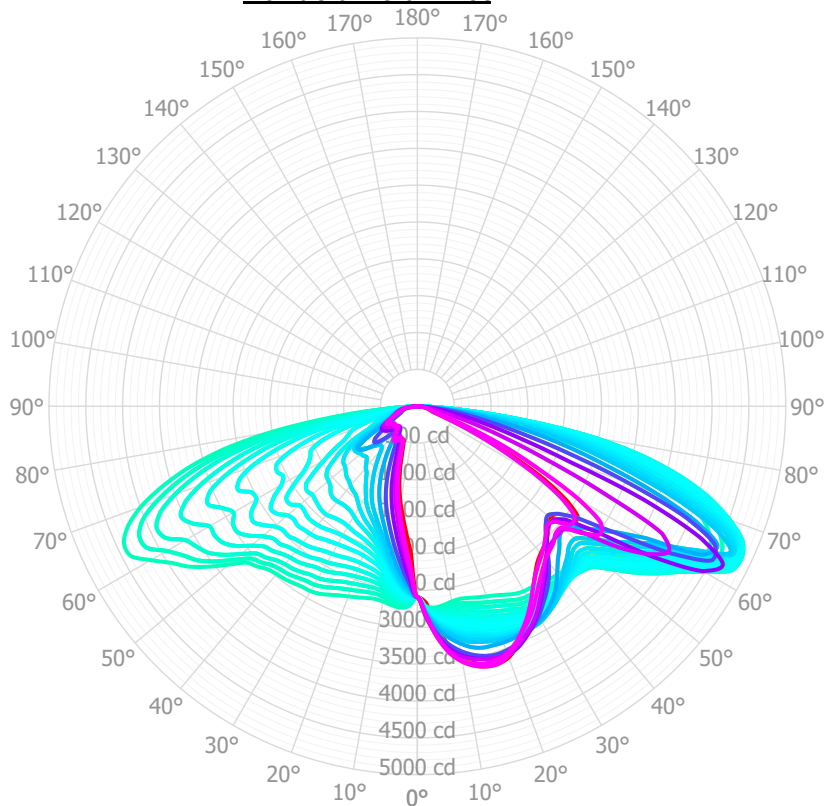
Luminous Dimensions

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	B2 U0 G2
Maximum Candela	4859.2 at 77.5° horizontal, 65° vertical.
Street side total	73.63 %
House side total	26.37 %

Candela Polar Plot



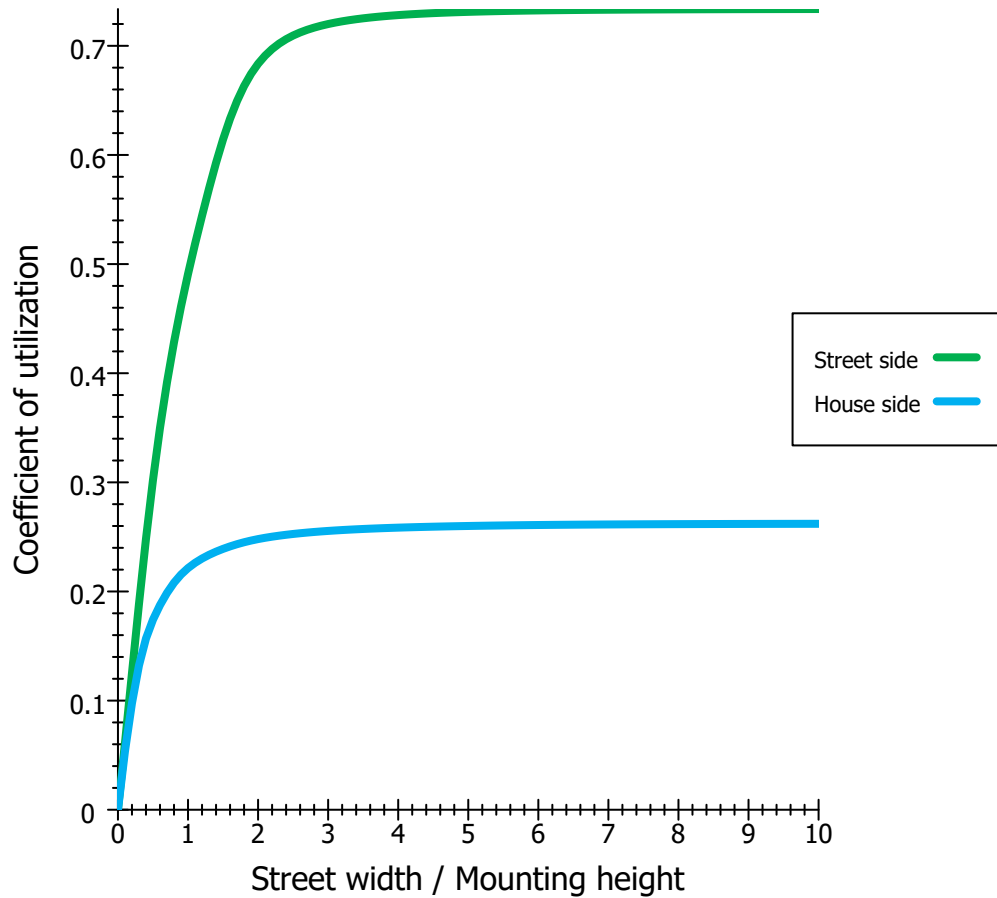
Zonal Lumen Summary

Zone	Lumens	% Fixture	Zone	Lumens	% Fixture
0° - 10°	253.25	2.43%	90° - 100°	0.00	0.00%
10° - 20°	702.13	6.73%	100° - 110°	0.00	0.00%
20° - 30°	1045.60	10.02%	100° - 120°	0.00	0.00%
30° - 40°	1284.01	12.31%	120° - 130°	0.00	0.00%
40° - 50°	1472.77	14.12%	130° - 140°	0.00	0.00%
50° - 60°	1954.57	18.74%	140° - 150°	0.00	0.00%
60° - 70°	2187.50	20.97%	150° - 160°	0.00	0.00%
70° - 80°	1261.06	12.09%	160° - 170°	0.00	0.00%
80° - 90°	269.11	2.58%	170° - 180°	0.00	0.00%
0° - 90°	10430.01	100.00%	0° - 180°	10430.01	100.00%
0° - 75°	9660.46	92.62%	75° - 90°	769.54	7.38%

Average Luminare Luminance [cd/m²]

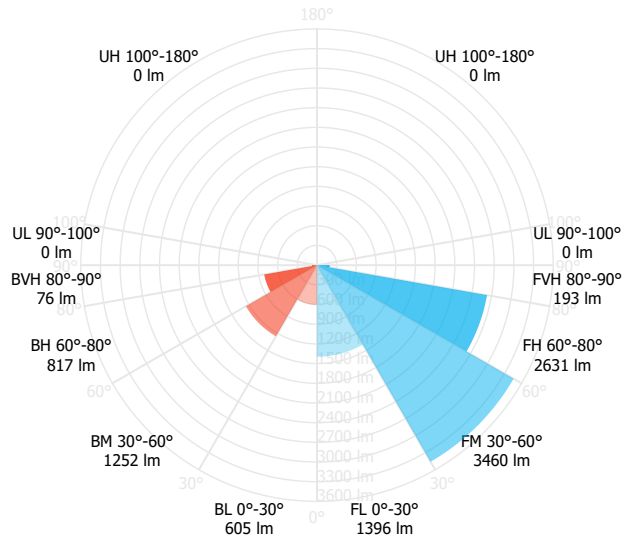
	0.00°	45.00°	90.00°
0.00°	20090	20090	20090
45.00°	27354	27022	33713
55.00°	35961	35635	51269
65.00°	17709	81757	80604
75.00°	5226	46246	96202
85.00°	4189	13768	48917

Roadway Coefficients of Utilization

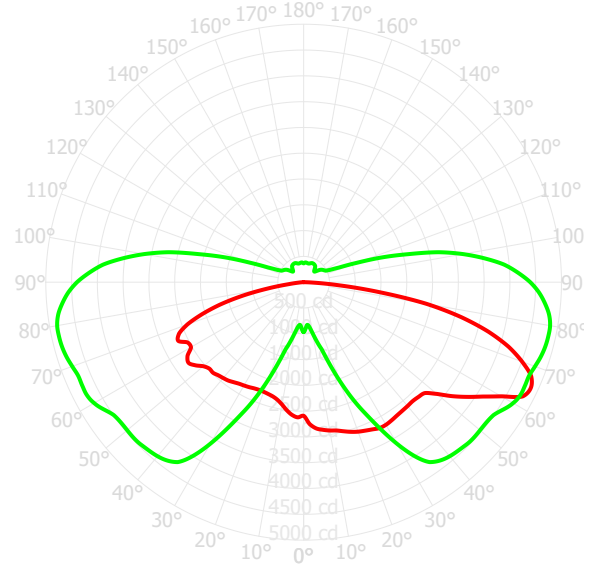


Mounting Heights	1	2	3	4	5	6	7	8	9	10
House Side CU	0.22	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
Street Side CU	0.49	0.68	0.72	0.73	0.73	0.73	0.73	0.73	0.73	0.73

IES TM-15-11 BUG Ratings



Peak Intensity



Iso-Illuminance Plot

