

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P887735

Luminaire Tested: **TT-D3-830-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887735
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-5)
Test Lab: INNOVATION CENTER
Issue Date: 10/9/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D3-830-U-RW-TC
Description: RW
3000K, 80 CRI LEDS, RECTANGULAR DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4071 lumens
Efficiency: N/A
Efficacy: 86.3 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 47.2
Input Voltage (V): 120.0
Input Current (Ain): 0.39
Voltage Rise (V): NR
Power Factor: 0.989
Total Harmonic Distortion (THDi): 12.9%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT



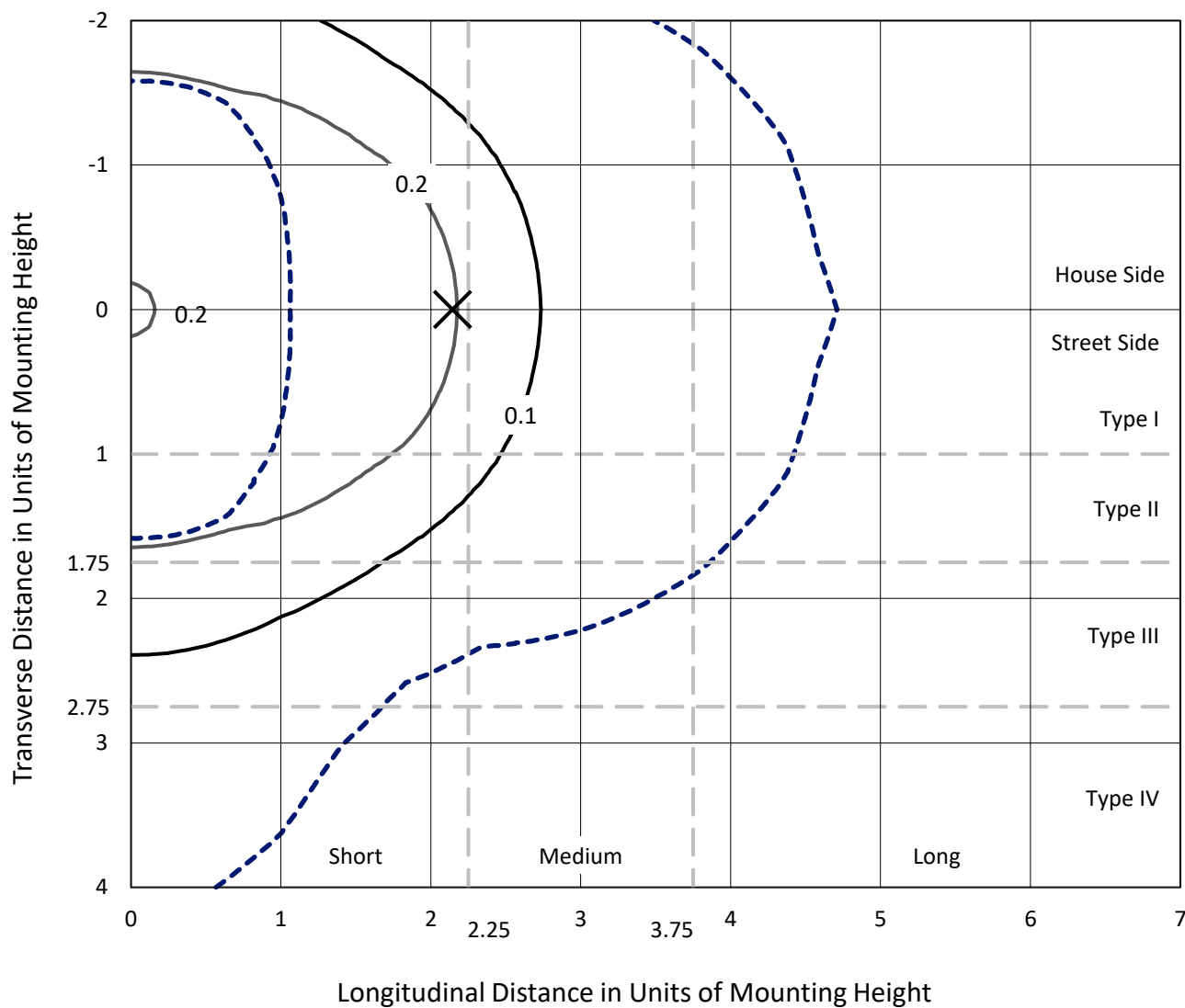
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd



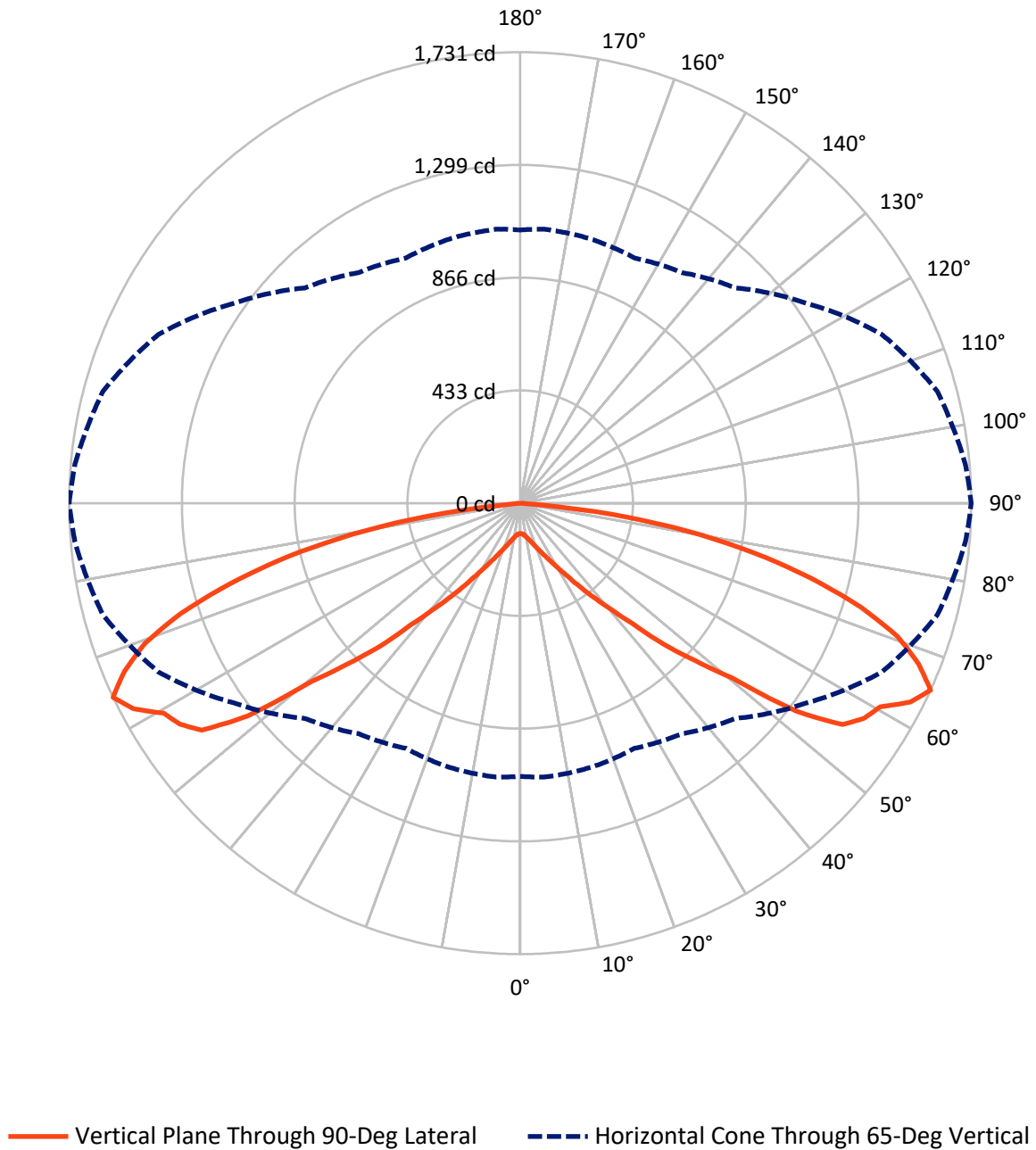
Based on 25 foot mounting height. Maximum calculated value = 0.5 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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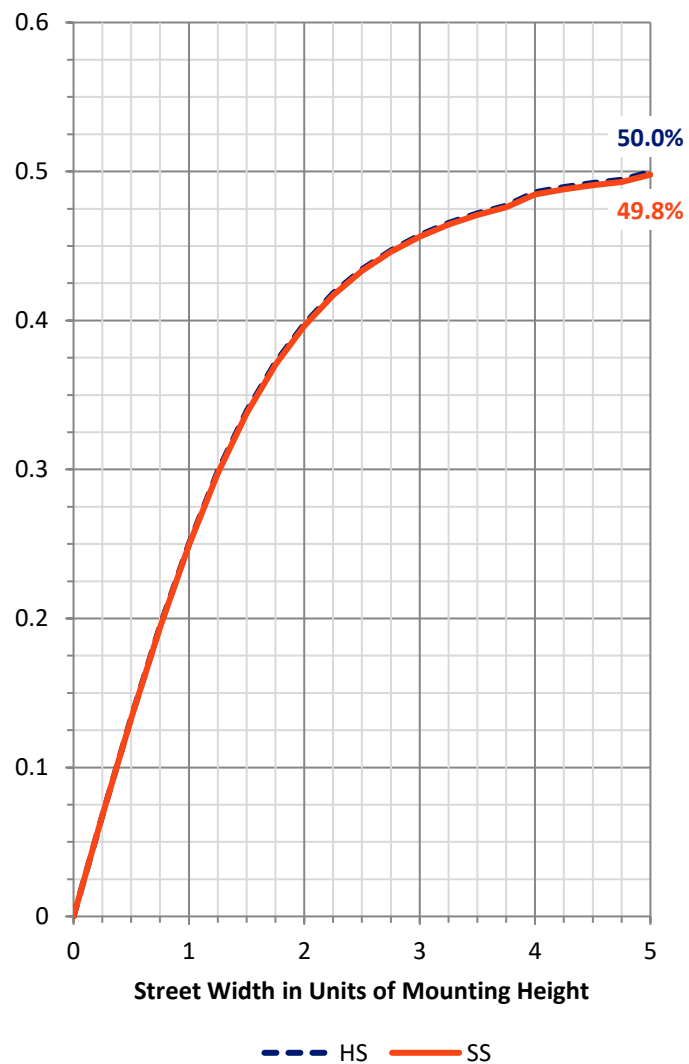
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2035.5	0.0	2035.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2035.5	0.0	2035.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4071.0	0.0	4071.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.8	0.3
10°-20°	43.2	1.1
20°-30°	99.7	2.4
30°-40°	217.1	5.3
40°-50°	469.6	11.5
50°-60°	920.5	22.6
60°-70°	1244.5	30.6
70°-80°	933.0	22.9
80°-90°	131.6	3.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4071.0	100.0
0°-180°	4071.0	100.0

Coefficient of Utilization



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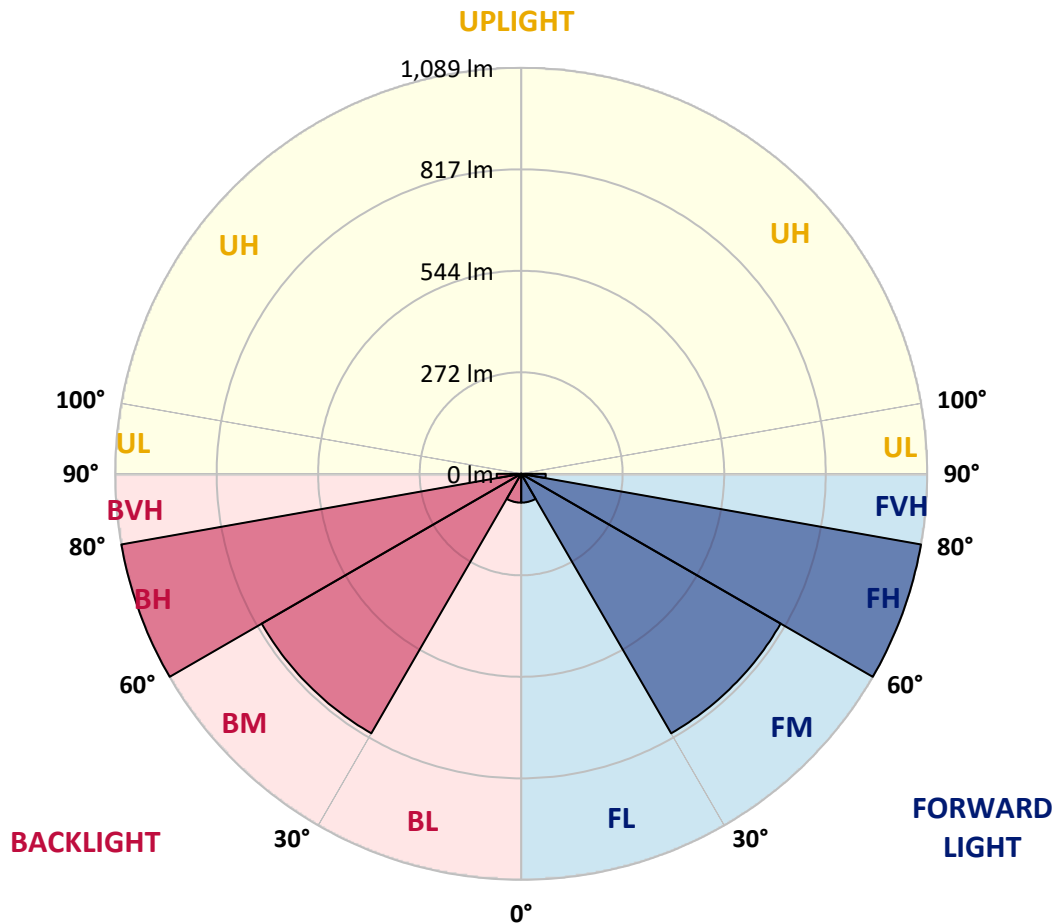
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	77.4	1.9			
FM	(30°-60°)	803.6	19.7			
FH	(60°-80°)	1088.8	26.7			G1/1800
FVH	(80°-90°)	65.8	1.6			G1/100
BL	(0°-30°)	77.4	1.9	B0/110		
BM	(30°-60°)	803.6	19.7	B1/1000		
BH	(60°-80°)	1088.8	26.7	B3/2500		G3/2500
BVH	(80°-90°)	65.8	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	116.5	116.5	116.5	116.5	116.5	116.5	116.5	116.5	116.5	116.5	116.5
2.5°	117.8	117.8	117.8	117.8	117.4	117.8	117.4	117.4	117.4	117.4	117.4
5°	119.6	120.1	120.5	120.5	120.5	120.5	120.5	120.5	120.5	120.1	120.1
7.5°	123.7	124.6	124.6	125.0	125.0	125.0	125.0	125.0	125.0	124.6	124.6
10°	129.9	130.4	130.8	130.8	130.8	131.3	132.2	132.2	132.2	131.7	132.6
12.5°	137.1	137.6	137.6	138.0	138.9	138.9	139.4	140.2	140.7	140.7	141.6
15°	145.6	146.5	146.5	146.5	148.3	148.8	149.7	150.6	151.4	151.4	152.3
17.5°	155.5	156.8	156.4	156.8	159.1	160.0	161.8	162.7	164.9	165.8	166.7
20°	167.6	168.9	168.5	169.4	171.2	173.4	175.2	178.8	181.0	181.0	182.8
22.5°	182.4	183.7	182.8	183.3	186.0	187.7	191.8	195.4	198.9	200.7	202.5
25°	199.4	201.2	199.8	200.7	203.4	205.7	210.6	216.9	220.9	224.0	226.7
27.5°	222.2	224.0	222.7	222.7	226.3	228.1	235.2	242.4	249.1	252.3	254.5
30°	247.3	250.0	247.8	247.8	251.8	253.6	262.1	272.9	282.3	287.7	291.2
32.5°	276.9	278.3	276.5	276.9	280.0	283.2	296.2	311.0	324.0	330.7	335.2
35°	311.4	314.1	309.6	308.7	313.7	319.9	336.5	358.9	378.2	387.6	392.5
37.5°	351.7	353.1	348.6	347.7	355.3	364.3	387.6	417.2	438.7	451.2	457.9
40°	397.9	401.9	394.8	395.2	402.8	416.3	446.3	481.7	510.8	526.0	533.2
42.5°	448.1	456.1	446.7	445.8	459.7	477.2	513.5	559.2	602.7	625.1	630.9
45°	503.6	515.7	506.8	505.9	524.7	547.5	598.6	668.5	725.0	766.2	773.4
47.5°	568.2	579.8	569.1	571.7	593.7	630.4	699.0	783.7	852.2	897.0	903.3
50°	643.4	645.2	638.5	641.2	679.7	727.7	811.9	903.8	1004.1	1049.8	1053.0
52.5°	716.9	711.5	706.6	715.6	763.1	823.1	928.4	1079.9	1221.0	1311.1	1327.2
55°	789.5	781.0	780.5	794.0	854.5	937.8	1073.1	1263.6	1407.8	1483.1	1501.0
57.5°	859.0	855.4	855.8	867.0	943.2	1048.9	1206.7	1380.1	1497.5	1548.5	1557.5
60°	926.2	932.4	928.0	946.3	1028.8	1134.5	1256.8	1424.9	1539.1	1583.5	1588.0
62.5°	991.6	997.9	996.1	1010.9	1066.0	1154.7	1283.7	1479.5	1611.3	1674.5	1681.2
65°	1048.9	1055.7	1049.8	1038.6	1080.8	1168.6	1338.8	1532.4	1657.9	1715.2	1731.4
67.5°	1091.1	1092.9	1070.9	1041.3	1065.1	1137.7	1301.7	1487.2	1596.5	1634.1	1649.8
70°	1114.4	1100.9	1061.0	1003.7	989.8	1045.8	1208.5	1371.6	1484.0	1522.6	1537.8
72.5°	1088.4	1069.1	998.3	907.3	863.0	906.0	1065.1	1218.8	1311.5	1350.5	1369.3
75°	997.0	967.8	876.4	764.0	702.1	743.8	885.4	1023.0	1102.7	1132.7	1154.2
77.5°	816.8	794.9	702.1	587.4	523.8	553.8	676.6	784.6	865.7	887.2	917.7
80°	571.3	547.1	486.6	390.3	331.6	345.9	439.1	525.1	595.5	624.2	652.4
82.5°	282.7	264.4	242.4	189.1	145.2	146.1	198.9	239.7	302.4	328.0	356.7
85°	10.3	11.6	13.9	17.0	13.4	10.3	19.3	22.9	15.7	24.6	15.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)