

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: P887954

Luminaire Tested: **TT-D6-735-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887954
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-D6-735-U-RW-TC
Description: RW
3500K, 70 CRI LEDS, RECTANGULAR DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8489 lumens
Efficiency: N/A
Efficacy: 80.7 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 105.2
Input Voltage (V): 120.0
Input Current (Ain): 0.88
Voltage Rise (V): NR
Power Factor: 0.995
Total Harmonic Distortion (THDi): 9.70%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT



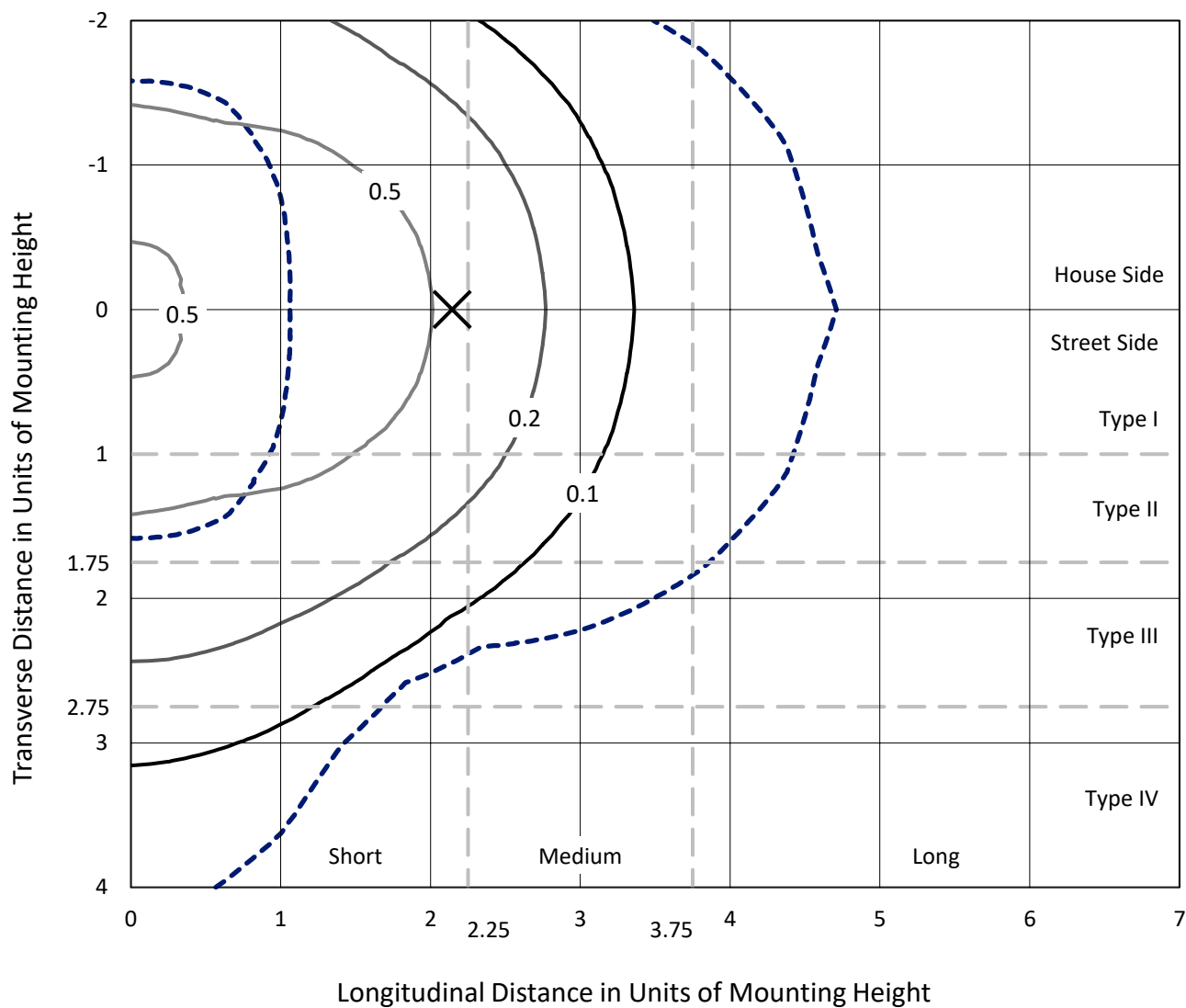
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

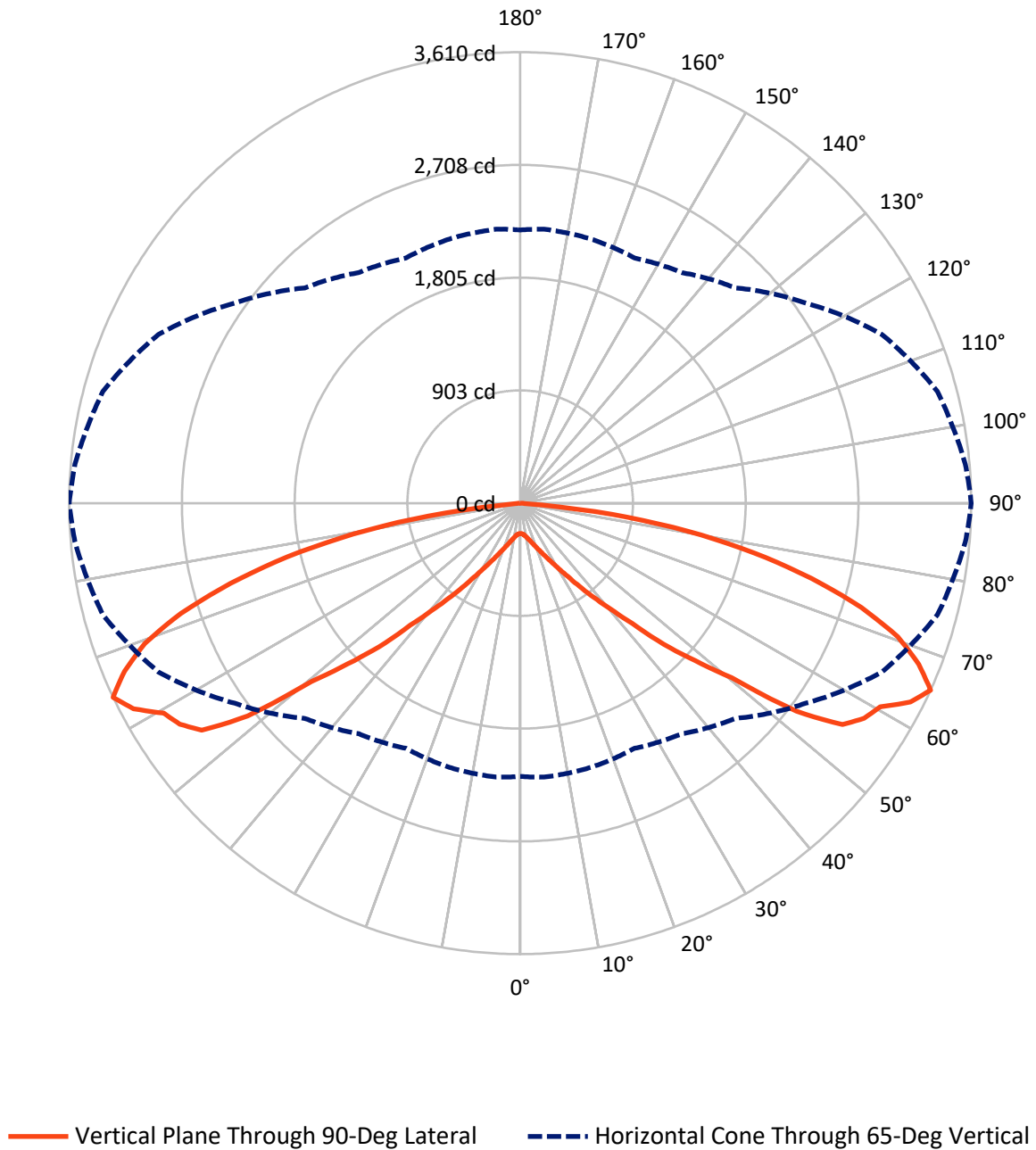


Based on 25 foot mounting height. Maximum calculated value = 1 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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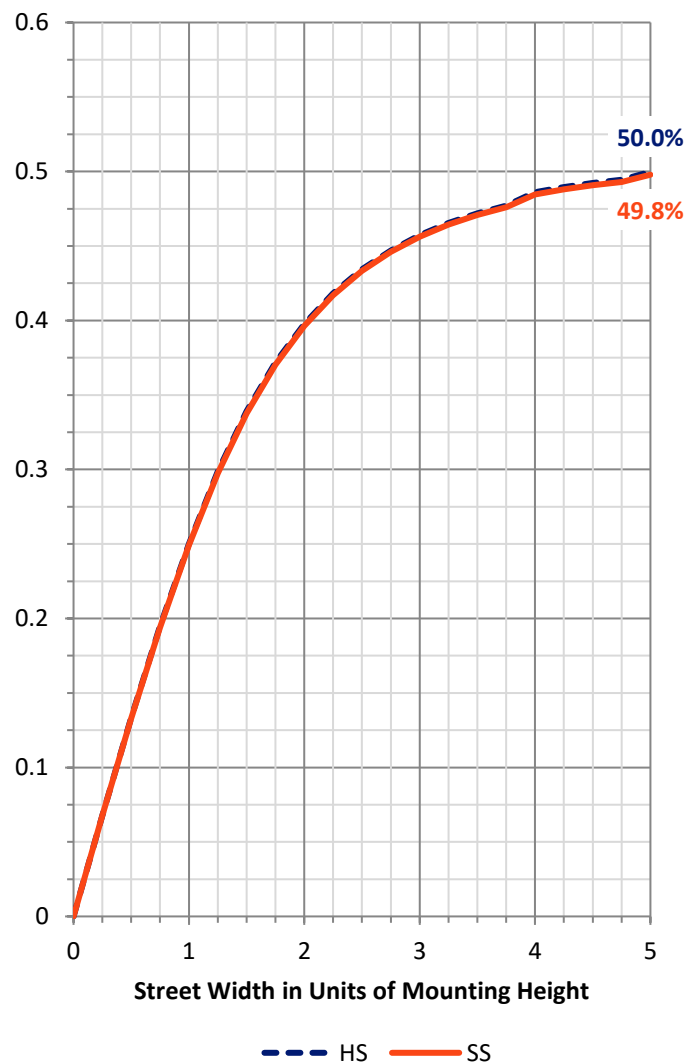
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4244.5	0.0	4244.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4244.5	0.0	4244.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	8489.0	0.0	8489.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.7	0.3
10°-20°	90.1	1.1
20°-30°	207.8	2.4
30°-40°	452.7	5.3
40°-50°	979.2	11.5
50°-60°	1919.4	22.6
60°-70°	2595.0	30.6
70°-80°	1945.6	22.9
80°-90°	274.4	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°	8489.0	100.0
0°-180°	8489.0	100.0

Coefficient of Utilization



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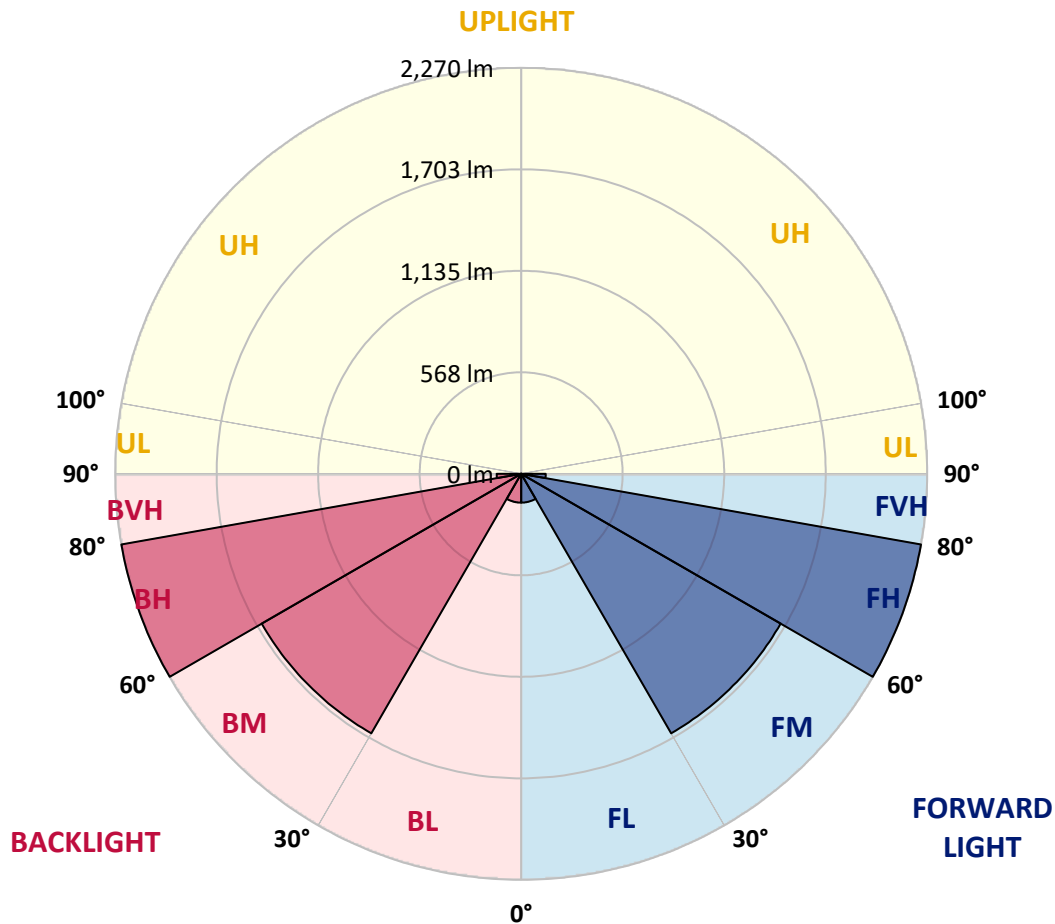
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	161.3	1.9			
FM	(30°-60°)	1675.7	19.7			
FH	(60°-80°)	2270.3	26.7			G2/5000
FVH	(80°-90°)	137.2	1.6			G2/225
BL	(0°-30°)	161.3	1.9	B1/500		
BM	(30°-60°)	1675.7	19.7	B2/2500		
BH	(60°-80°)	2270.3	26.7	B3/2500		G3/2500
BVH	(80°-90°)	137.2	1.6			G2/225
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°	242.9	242.9	242.9	242.9	242.9	242.9	242.9	242.9	242.9	242.9	242.9
2.5°	245.7	245.7	245.7	245.7	244.8	245.7	244.8	244.8	244.8	244.8	244.8
5°	249.5	250.4	251.3	251.3	251.3	251.3	251.3	251.3	251.3	250.4	250.4
7.5°	257.9	259.7	259.7	260.7	260.7	260.7	260.7	260.7	260.7	259.7	259.7
10°	271.0	271.9	272.8	272.8	272.8	273.8	275.6	275.6	275.6	274.7	276.6
12.5°	285.9	286.8	286.8	287.8	289.6	289.6	290.6	292.4	293.4	293.4	295.3
15°	303.7	305.5	305.5	305.5	309.3	310.2	312.1	313.9	315.8	315.8	317.7
17.5°	324.2	327.0	326.1	327.0	331.7	333.6	337.3	339.2	343.8	345.7	347.6
20°	349.4	352.2	351.3	353.2	356.9	361.6	365.3	372.8	377.5	377.5	381.2
22.5°	380.3	383.1	381.2	382.1	387.8	391.5	399.9	407.4	414.8	418.6	422.3
25°	415.8	419.5	416.7	418.6	424.2	428.9	439.1	452.2	460.6	467.2	472.8
27.5°	463.4	467.2	464.4	464.4	471.8	475.6	490.5	505.5	519.5	526.0	530.7
30°	515.8	521.4	516.7	516.7	525.1	528.8	546.6	569.0	588.6	599.8	607.3
32.5°	577.4	580.2	576.5	577.4	584.0	590.5	617.6	648.4	675.5	689.5	698.9
35°	649.4	655.0	645.6	643.8	654.0	667.1	701.7	748.4	788.6	808.2	818.5
37.5°	733.5	736.3	726.9	725.0	740.9	759.6	808.2	869.9	914.7	940.9	954.9
40°	829.7	838.1	823.2	824.1	840.0	868.0	930.6	1004.4	1065.1	1096.9	1111.9
42.5°	934.3	951.2	931.5	929.7	958.6	995.1	1070.8	1166.1	1256.7	1303.4	1315.6
45°	1050.2	1075.4	1056.7	1054.9	1094.1	1141.8	1248.3	1394.0	1511.8	1597.7	1612.7
47.5°	1184.7	1209.0	1186.6	1192.2	1238.0	1314.6	1457.6	1634.2	1777.1	1870.5	1883.6
50°	1341.7	1345.4	1331.4	1337.0	1417.4	1517.4	1693.0	1884.6	2093.9	2189.2	2195.7
52.5°	1494.9	1483.7	1473.5	1492.1	1591.2	1716.4	1936.0	2251.8	2546.1	2733.9	2767.5
55°	1646.3	1628.6	1627.6	1655.6	1781.8	1955.6	2237.7	2634.8	2935.7	3092.7	3130.0
57.5°	1791.1	1783.7	1784.6	1807.9	1966.8	2187.3	2516.2	2877.8	3122.6	3229.1	3247.8
60°	1931.3	1944.4	1935.0	1973.3	2145.2	2365.7	2620.8	2971.2	3209.5	3302.0	3311.3
62.5°	2067.7	2080.8	2077.0	2107.9	2222.8	2407.8	2676.9	3085.2	3359.9	3491.6	3505.6
65°	2187.3	2201.3	2189.2	2165.8	2253.6	2436.8	2791.8	3195.4	3457.1	3576.7	3610.3
67.5°	2275.1	2278.9	2233.1	2171.4	2220.9	2372.3	2714.3	3101.1	3329.1	3407.5	3440.2
70°	2323.7	2295.7	2212.5	2092.9	2064.0	2180.7	2519.9	2860.0	3094.5	3174.9	3206.7
72.5°	2269.5	2229.3	2081.7	1892.0	1799.5	1889.2	2220.9	2541.4	2734.8	2816.1	2855.3
75°	2078.9	2018.2	1827.6	1593.0	1464.1	1551.0	1846.3	2133.1	2299.4	2362.0	2406.9
77.5°	1703.3	1657.5	1464.1	1224.9	1092.2	1154.8	1410.9	1636.0	1805.1	1850.0	1913.5
80°	1191.3	1140.8	1014.7	813.8	691.4	721.3	915.7	1095.0	1241.7	1301.5	1360.4
82.5°	589.6	551.3	505.5	394.3	302.7	304.6	414.8	499.9	630.7	683.9	743.7
85°	21.5	24.3	29.0	35.5	28.0	21.5	40.2	47.7	32.7	51.4	31.8
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)