

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: P887882

Luminaire Tested: **TT-D5-735-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887882
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-D5-735-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: 6452 lumens
Efficiency: N/A
Efficacy: 86.4 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 74.7
Input Voltage (V): 120.0
Input Current (Ain): 0.62
Voltage Rise (V): NR
Power Factor: 0.995
Total Harmonic Distortion (THDi): 9.98%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

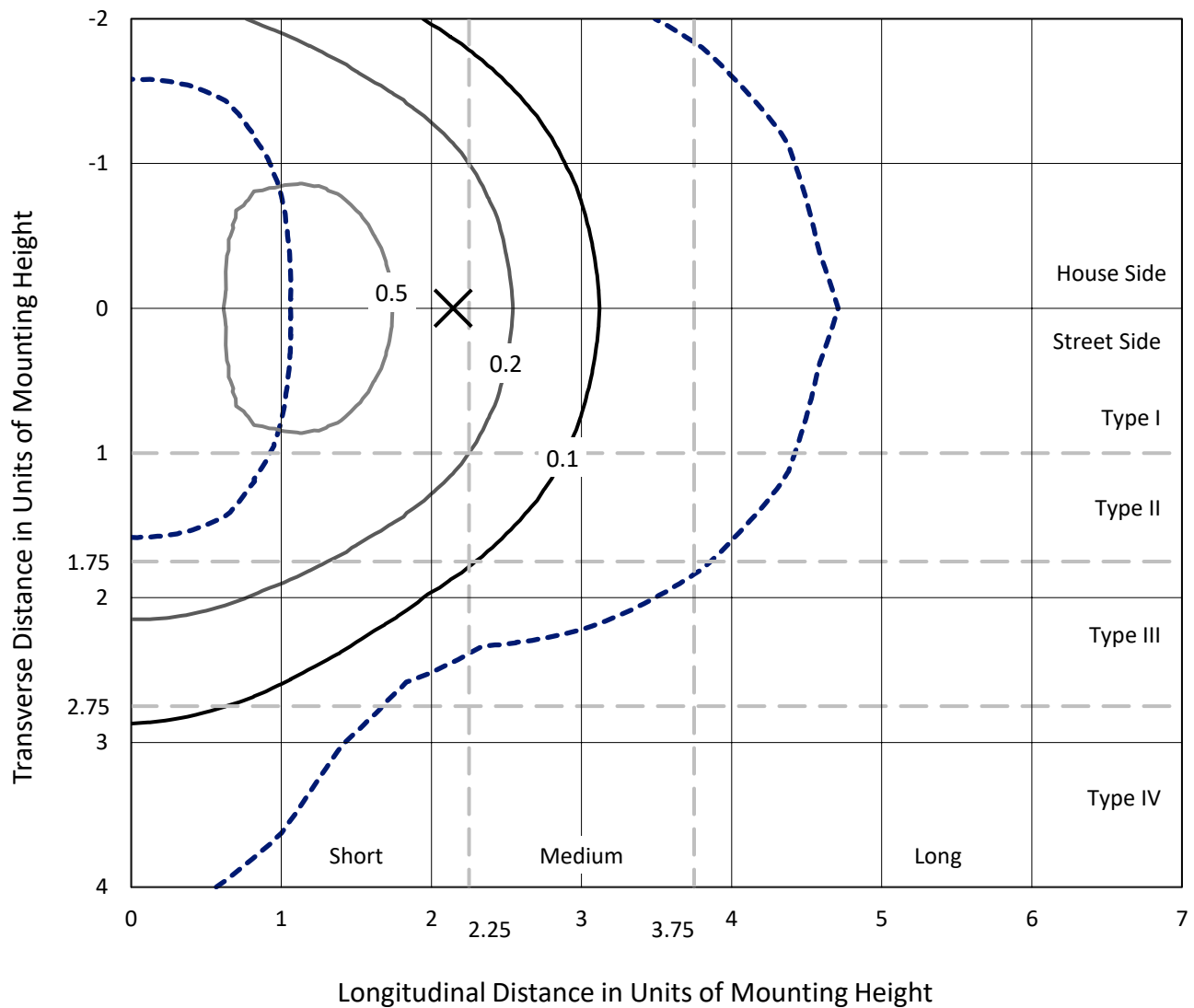


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

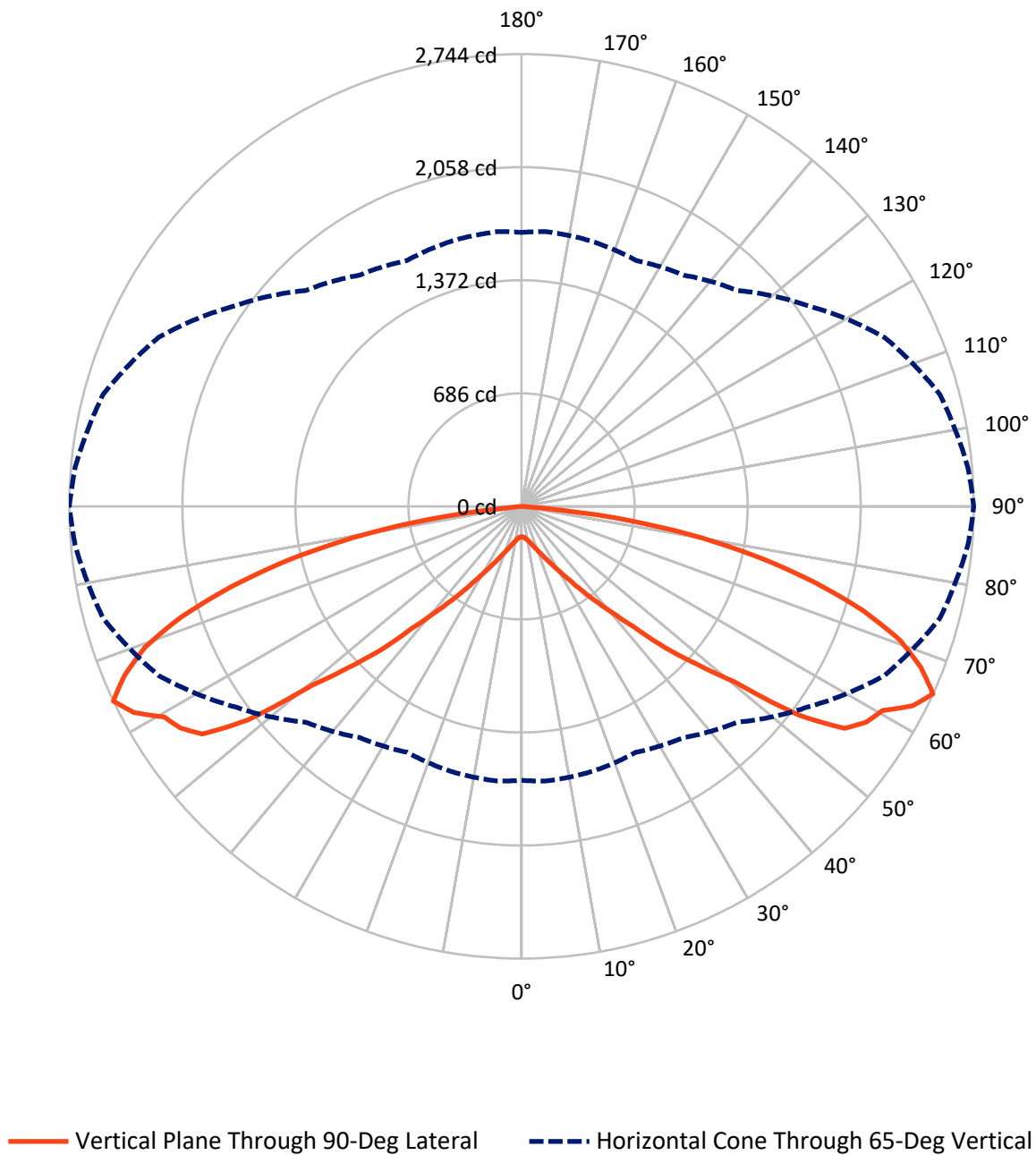


Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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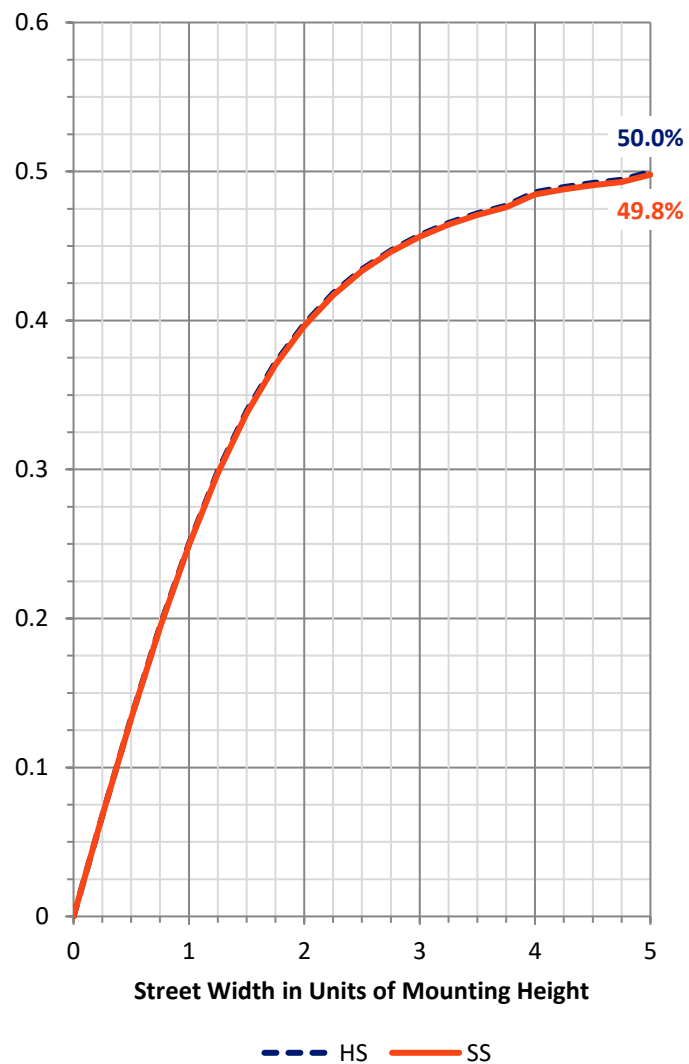
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3226.0	0.0	3226.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3226.0	0.0	3226.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6452.0	0.0	6452.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	0.3
10°-20°	68.5	1.1
20°-30°	157.9	2.4
30°-40°	344.1	5.3
40°-50°	744.3	11.5
50°-60°	1458.9	22.6
60°-70°	1972.3	30.6
70°-80°	1478.7	22.9
80°-90°	208.5	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°	6452.0	100.0
0°-180°	6452.0	100.0

Coefficient of Utilization



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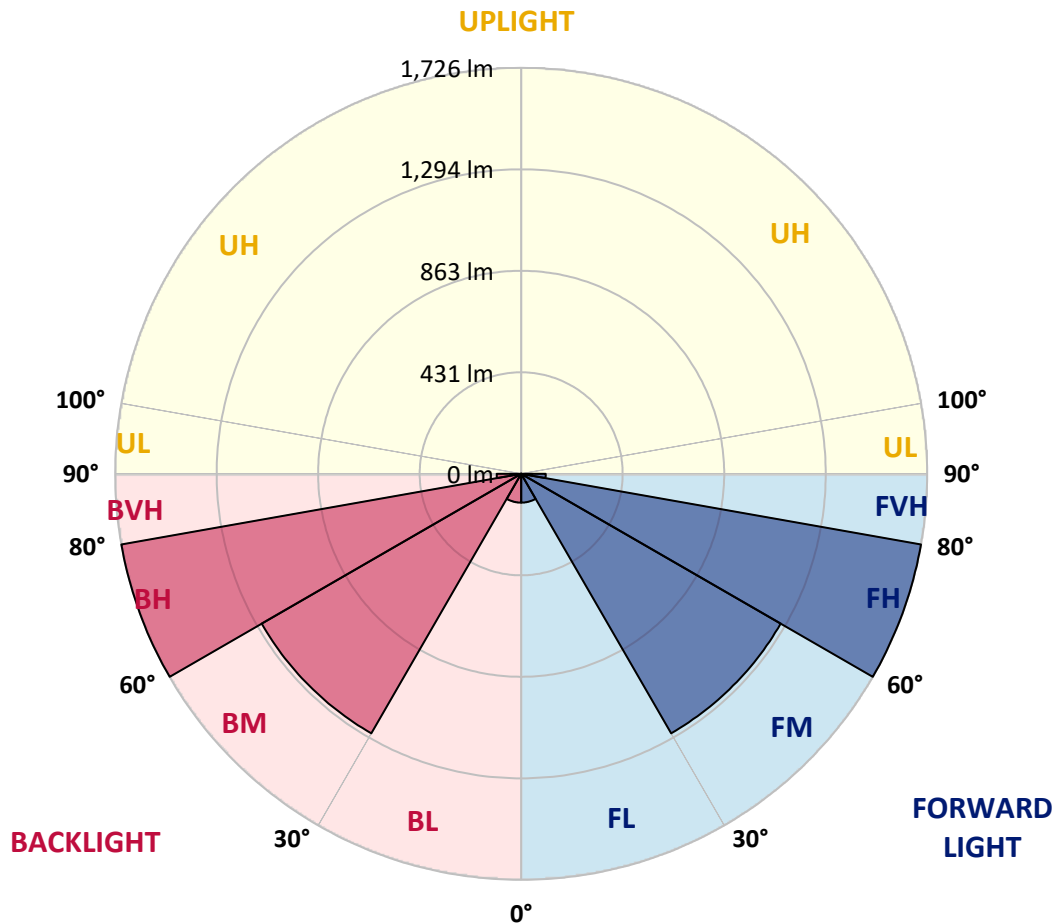
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	122.6	1.9			
FM	(30°-60°)	1273.6	19.7			
FH	(60°-80°)	1725.5	26.7			G1/1800
FVH	(80°-90°)	104.3	1.6			G2/225
BL	(0°-30°)	122.6	1.9	B1/500		
BM	(30°-60°)	1273.6	19.7	B2/2500		
BH	(60°-80°)	1725.5	26.7	B3/2500		G3/2500
BVH	(80°-90°)	104.3	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°	184.6	184.6	184.6	184.6	184.6	184.6	184.6	184.6	184.6	184.6	184.6
2.5°	186.8	186.8	186.8	186.8	186.1	186.8	186.1	186.1	186.1	186.1	186.1
5°	189.6	190.3	191.0	191.0	191.0	191.0	191.0	191.0	191.0	190.3	190.3
7.5°	196.0	197.4	197.4	198.1	198.1	198.1	198.1	198.1	198.1	197.4	197.4
10°	205.9	206.7	207.4	207.4	207.4	208.1	209.5	209.5	209.5	208.8	210.2
12.5°	217.3	218.0	218.0	218.7	220.1	220.1	220.9	222.3	223.0	223.0	224.4
15°	230.8	232.2	232.2	232.2	235.1	235.8	237.2	238.6	240.0	240.0	241.4
17.5°	246.4	248.5	247.8	248.5	252.1	253.5	256.4	257.8	261.3	262.8	264.2
20°	265.6	267.7	267.0	268.4	271.3	274.8	277.7	283.3	286.9	286.9	289.7
22.5°	289.0	291.2	289.7	290.4	294.7	297.5	303.9	309.6	315.3	318.1	321.0
25°	316.0	318.9	316.7	318.1	322.4	326.0	333.8	343.7	350.1	355.1	359.3
27.5°	352.2	355.1	352.9	352.9	358.6	361.5	372.8	384.2	394.8	399.8	403.4
30°	392.0	396.3	392.7	392.7	399.1	401.9	415.4	432.5	447.4	455.9	461.6
32.5°	438.9	441.0	438.2	438.9	443.8	448.8	469.4	492.8	513.4	524.1	531.2
35°	493.5	497.8	490.7	489.3	497.1	507.0	533.3	568.8	599.4	614.3	622.1
37.5°	557.5	559.6	552.5	551.1	563.1	577.3	614.3	661.1	695.2	715.1	725.8
40°	630.6	637.0	625.6	626.3	638.4	659.7	707.3	763.4	809.6	833.7	845.1
42.5°	710.1	722.9	708.0	706.6	728.6	756.3	813.8	886.3	955.1	990.6	999.9
45°	798.2	817.4	803.2	801.7	831.6	867.8	948.7	1059.5	1149.0	1214.3	1225.7
47.5°	900.5	918.9	901.9	906.1	940.9	999.2	1107.8	1242.0	1350.7	1421.7	1431.6
50°	1019.8	1022.6	1011.9	1016.2	1077.3	1153.3	1286.8	1432.3	1591.4	1663.9	1668.8
52.5°	1136.2	1127.7	1119.9	1134.1	1209.4	1304.5	1471.4	1711.4	1935.1	2077.9	2103.4
55°	1251.3	1237.8	1237.1	1258.4	1354.2	1486.3	1700.8	2002.6	2231.3	2350.6	2379.0
57.5°	1361.3	1355.7	1356.4	1374.1	1494.8	1662.4	1912.4	2187.2	2373.3	2454.2	2468.4
60°	1467.9	1477.8	1470.7	1499.8	1630.5	1798.1	1991.9	2258.2	2439.3	2509.6	2516.7
62.5°	1571.5	1581.5	1578.6	1602.1	1689.4	1830.0	2034.5	2344.9	2553.7	2653.8	2664.4
65°	1662.4	1673.1	1663.9	1646.1	1712.9	1852.0	2121.9	2428.7	2627.5	2718.4	2744.0
67.5°	1729.2	1732.0	1697.2	1650.4	1688.0	1803.0	2063.0	2356.9	2530.2	2589.9	2614.7
70°	1766.1	1744.8	1681.6	1590.7	1568.7	1657.5	1915.2	2173.7	2352.0	2413.0	2437.2
72.5°	1724.9	1694.4	1582.2	1438.0	1367.7	1435.9	1688.0	1931.6	2078.6	2140.4	2170.2
75°	1580.1	1533.9	1389.0	1210.8	1112.8	1178.8	1403.2	1621.2	1747.6	1795.2	1829.3
77.5°	1294.6	1259.8	1112.8	931.0	830.2	877.7	1072.3	1243.5	1372.0	1406.1	1454.4
80°	905.4	867.1	771.2	618.5	525.5	548.2	695.9	832.3	943.8	989.2	1034.0
82.5°	448.1	419.0	384.2	299.7	230.1	231.5	315.3	379.9	479.3	519.8	565.3
85°	16.3	18.5	22.0	27.0	21.3	16.3	30.5	36.2	24.9	39.1	24.1
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)