

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: P887978

Luminaire Tested: **TT-D6-830-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887978
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-D6-830-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: 8024 lumens
Efficiency: N/A
Efficacy: 76.3 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 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



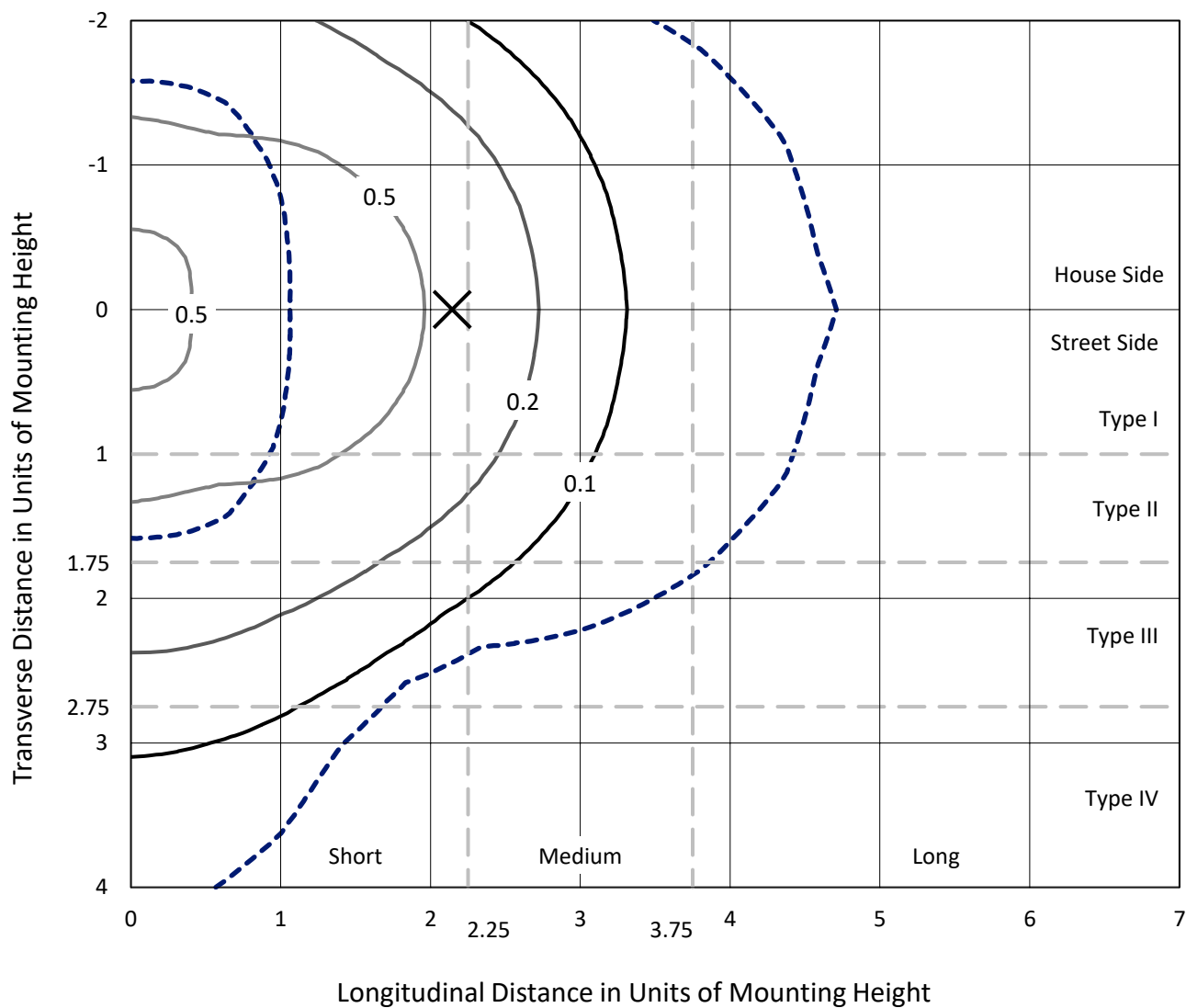
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

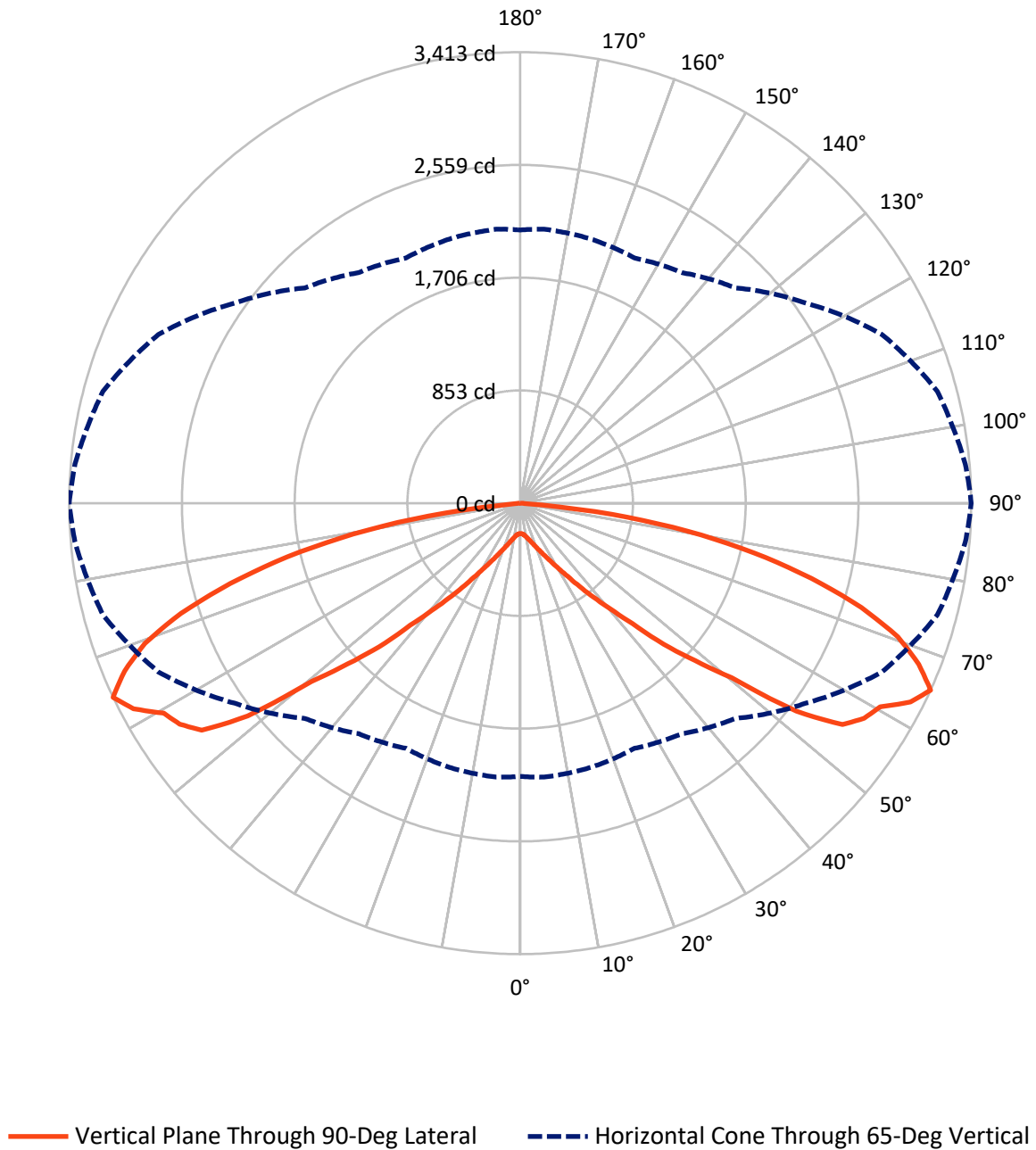


Based on 25 foot mounting height. Maximum calculated value = 0.9 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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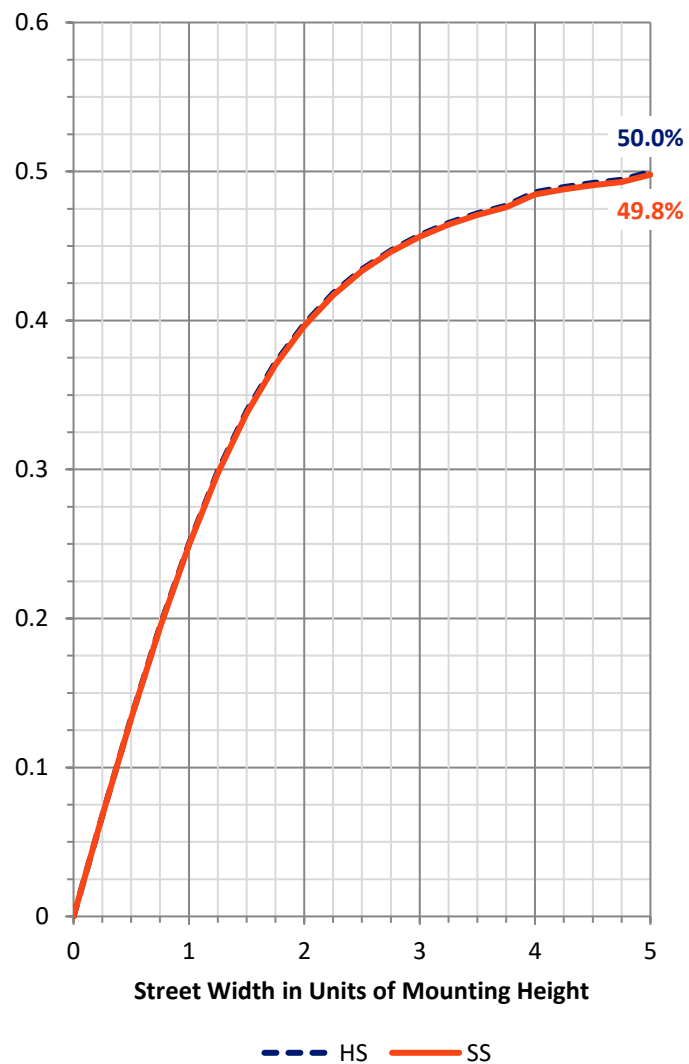
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4012.0	0.0	4012.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4012.0	0.0	4012.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8024.0	0.0	8024.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.3	0.3
10°-20°	85.2	1.1
20°-30°	196.4	2.4
30°-40°	427.9	5.3
40°-50°	925.6	11.5
50°-60°	1814.3	22.6
60°-70°	2452.9	30.6
70°-80°	1839.0	22.9
80°-90°	259.3	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°	8024.0	100.0
0°-180°	8024.0	100.0

Coefficient of Utilization



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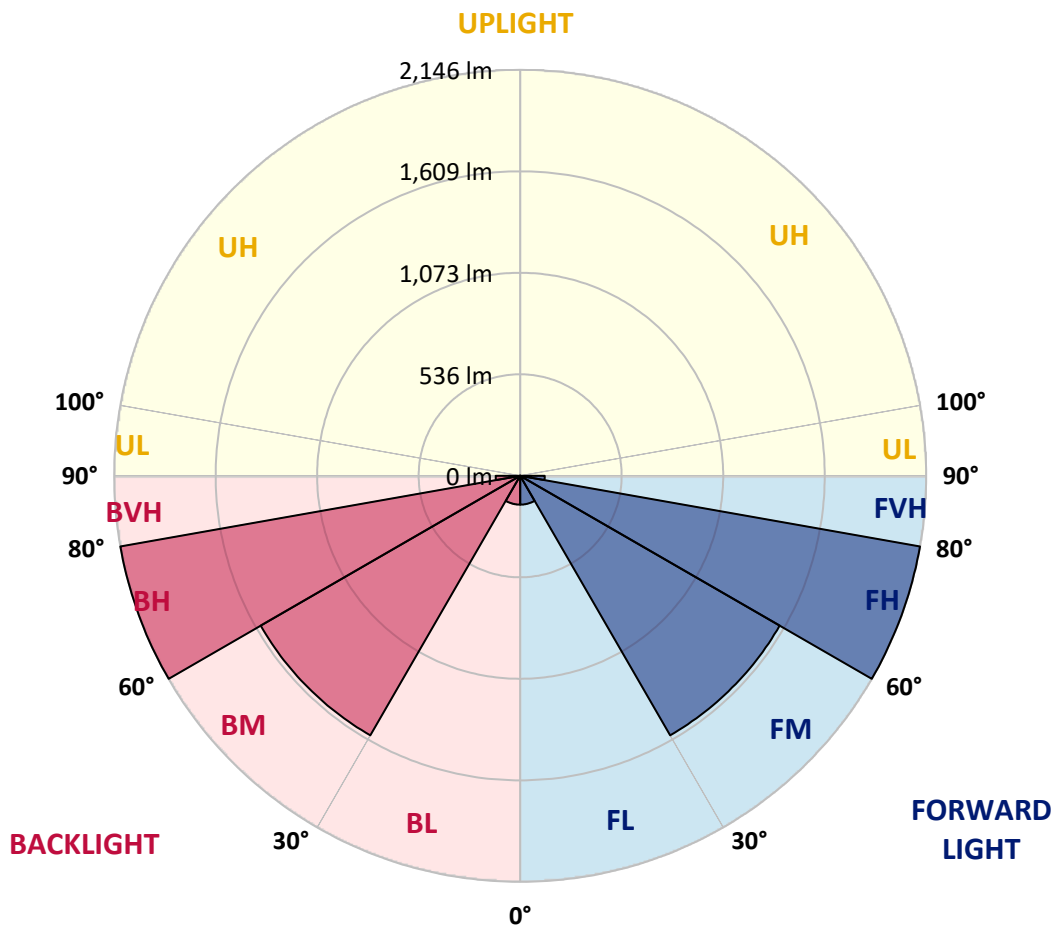
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	152.5	1.9			
FM	(30°-60°)	1583.9	19.7			
FH	(60°-80°)	2146.0	26.7			G2/5000
FVH	(80°-90°)	129.7	1.6			G2/225
BL	(0°-30°)	152.5	1.9	B1/500		
BM	(30°-60°)	1583.9	19.7	B2/2500		
BH	(60°-80°)	2146.0	26.7	B3/2500		G3/2500
BVH	(80°-90°)	129.7	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°	229.6	229.6	229.6	229.6	229.6	229.6	229.6	229.6	229.6	229.6	229.6
2.5°	232.3	232.3	232.3	232.3	231.4	232.3	231.4	231.4	231.4	231.4	231.4
5°	235.8	236.7	237.6	237.6	237.6	237.6	237.6	237.6	237.6	236.7	236.7
7.5°	243.8	245.5	245.5	246.4	246.4	246.4	246.4	246.4	246.4	245.5	245.5
10°	256.1	257.0	257.9	257.9	257.9	258.8	260.5	260.5	260.5	259.6	261.4
12.5°	270.2	271.1	271.1	272.0	273.8	273.8	274.7	276.4	277.3	277.3	279.1
15°	287.0	288.8	288.8	288.8	292.3	293.2	295.0	296.7	298.5	298.5	300.3
17.5°	306.5	309.1	308.2	309.1	313.5	315.3	318.8	320.6	325.0	326.8	328.5
20°	330.3	333.0	332.1	333.8	337.4	341.8	345.3	352.4	356.8	356.8	360.3
22.5°	359.4	362.1	360.3	361.2	366.5	370.0	378.0	385.1	392.1	395.7	399.2
25°	393.0	396.5	393.9	395.7	401.0	405.4	415.1	427.4	435.4	441.6	446.9
27.5°	438.0	441.6	438.9	438.9	446.0	449.5	463.7	477.8	491.0	497.2	501.6
30°	487.5	492.8	488.4	488.4	496.3	499.9	516.6	537.8	556.4	567.0	574.1
32.5°	545.8	548.4	544.9	545.8	552.0	558.2	583.8	612.9	638.5	651.8	660.6
35°	613.8	619.1	610.3	608.5	618.2	630.6	663.3	707.4	745.4	763.9	773.6
37.5°	693.3	695.9	687.1	685.3	700.3	718.0	763.9	822.2	864.6	889.3	902.6
40°	784.2	792.2	778.1	778.9	794.0	820.5	879.6	949.4	1006.8	1036.8	1051.0
42.5°	883.2	899.1	880.5	878.7	906.1	940.6	1012.1	1102.2	1187.8	1232.0	1243.5
45°	992.7	1016.5	998.9	997.1	1034.2	1079.2	1179.9	1317.7	1429.0	1510.2	1524.3
47.5°	1119.8	1142.8	1121.6	1126.9	1170.2	1242.6	1377.7	1544.6	1679.8	1768.1	1780.4
50°	1268.2	1271.7	1258.5	1263.8	1339.8	1434.3	1600.3	1781.3	1979.2	2069.2	2075.4
52.5°	1413.1	1402.5	1392.7	1410.4	1504.0	1622.4	1829.9	2128.4	2406.6	2584.1	2615.9
55°	1556.1	1539.3	1538.5	1565.0	1684.2	1848.5	2115.2	2490.5	2774.9	2923.3	2958.6
57.5°	1693.0	1686.0	1686.8	1708.9	1859.1	2067.5	2378.3	2720.1	2951.5	3052.2	3069.9
60°	1825.5	1837.9	1829.0	1865.2	2027.7	2236.2	2477.3	2808.4	3033.7	3121.1	3129.9
62.5°	1954.4	1966.8	1963.3	1992.4	2101.0	2275.9	2530.3	2916.2	3175.8	3300.4	3313.6
65°	2067.5	2080.7	2069.2	2047.2	2130.2	2303.3	2638.9	3020.4	3267.7	3380.7	3412.5
67.5°	2150.5	2154.0	2110.8	2052.5	2099.3	2242.3	2565.6	2931.2	3146.7	3220.9	3251.8
70°	2196.4	2169.9	2091.3	1978.3	1950.9	2061.3	2381.9	2703.4	2925.0	3001.0	3031.0
72.5°	2145.2	2107.2	1967.7	1788.4	1701.0	1785.7	2099.3	2402.2	2585.0	2661.8	2698.9
75°	1965.0	1907.6	1727.5	1505.8	1383.9	1466.0	1745.1	2016.3	2173.5	2232.6	2275.0
77.5°	1610.0	1566.7	1383.9	1157.8	1032.4	1091.6	1333.6	1546.4	1706.3	1748.7	1808.7
80°	1126.0	1078.3	959.1	769.2	653.5	681.8	865.5	1035.1	1173.7	1230.2	1285.9
82.5°	557.3	521.1	477.8	372.7	286.1	287.9	392.1	472.5	596.1	646.5	703.0
85°	20.3	23.0	27.4	33.6	26.5	20.3	38.0	45.0	30.9	48.6	30.0
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)