

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: P887958

Luminaire Tested: **TT-D6-740-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887958
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-D6-740-U-RW-TC
Description: RW
4000K, 70 CRI LEDS, RECTANGULAR DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8954 lumens
Efficiency: N/A
Efficacy: 85.1 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



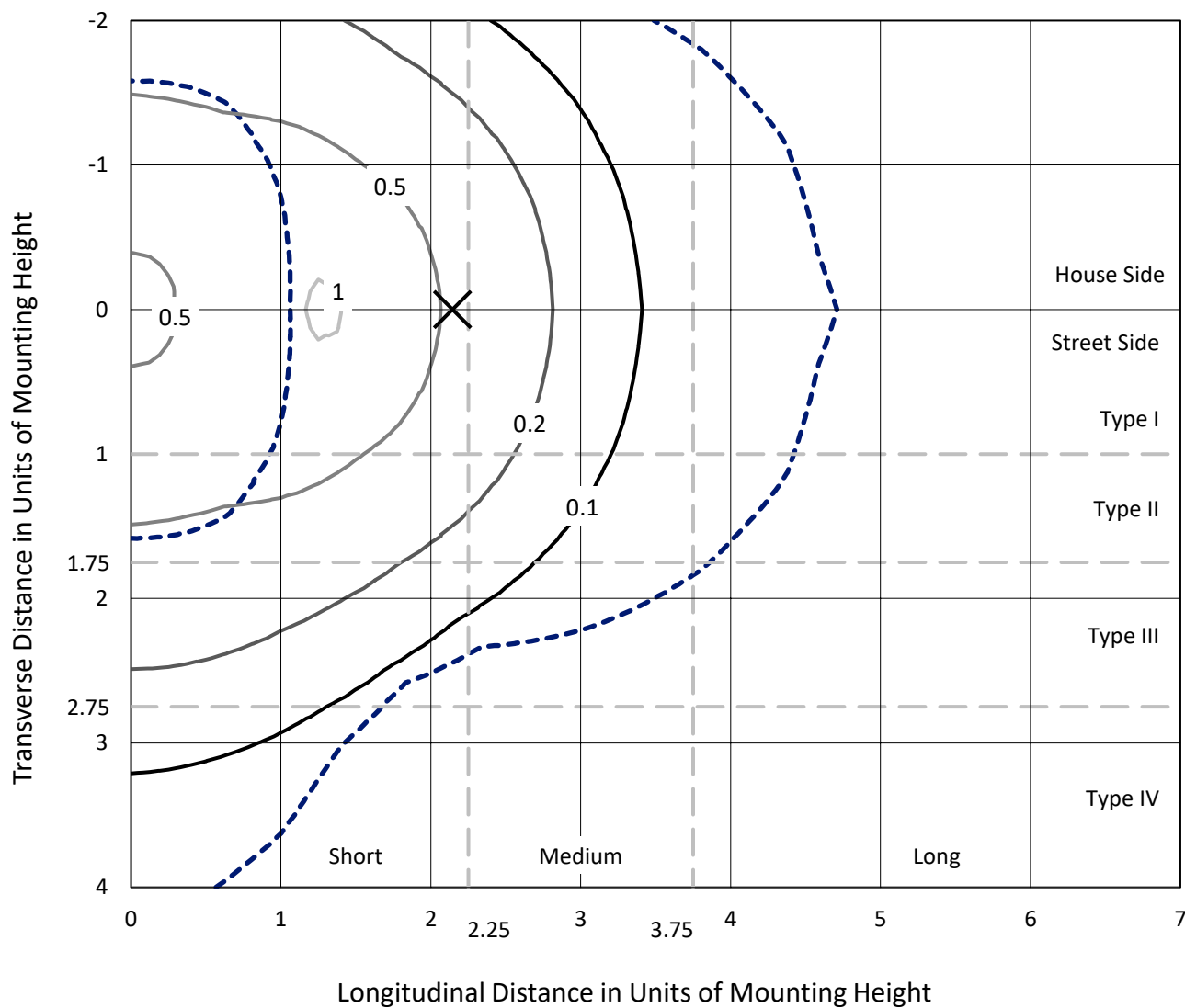
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Iso-Footcandle Lines of Horizontal Illumination

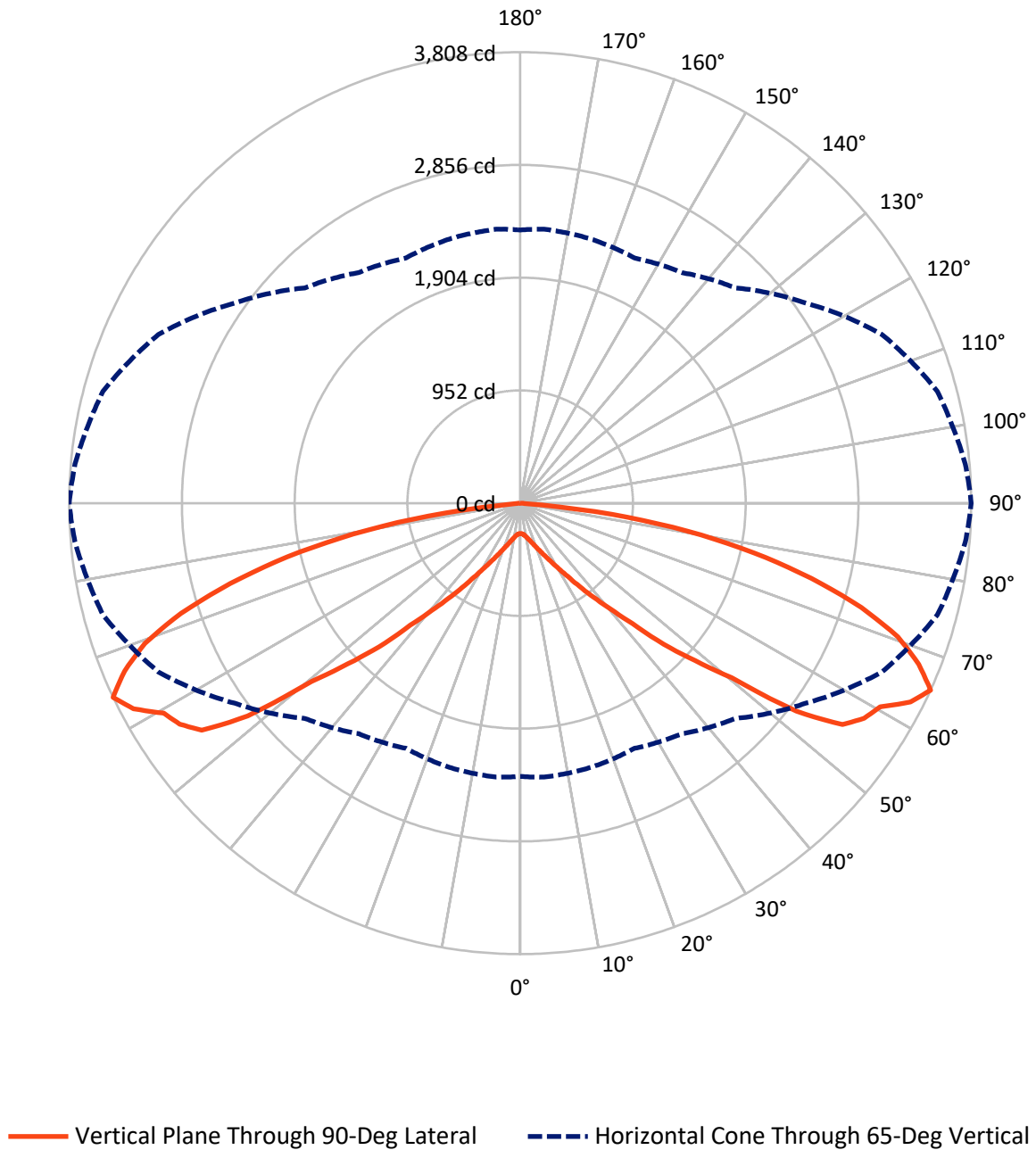
✕ Max cd

--- 1/2 Max cd



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Luminous Intensity Polar Plot



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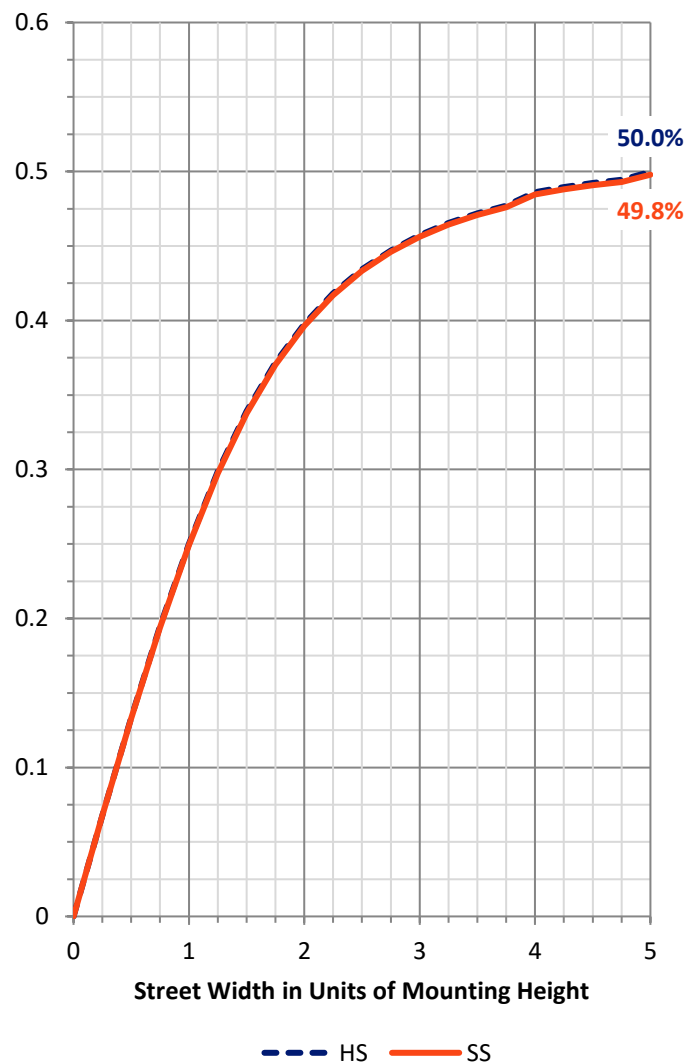
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4477.0	0.0	4477.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4477.0	0.0	4477.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8954.0	0.0	8954.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	0.3
10°-20°	95.1	1.1
20°-30°	219.2	2.4
30°-40°	477.5	5.3
40°-50°	1032.9	11.5
50°-60°	2024.6	22.6
60°-70°	2737.2	30.6
70°-80°	2052.2	22.9
80°-90°	289.4	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°	8954.0	100.0
0°-180°	8954.0	100.0

Coefficient of Utilization



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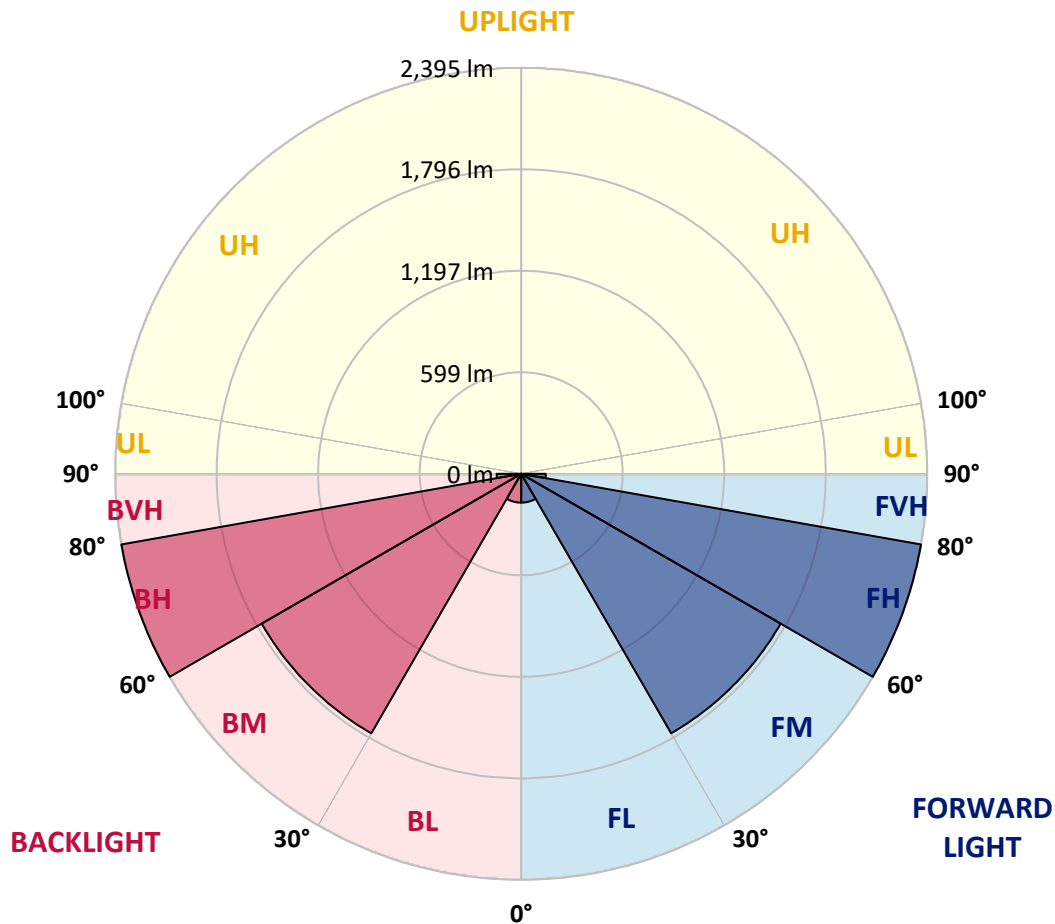
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	170.1	1.9			
FM	(30°-60°)	1767.5	19.7			
FH	(60°-80°)	2394.7	26.7			G2/5000
FVH	(80°-90°)	144.7	1.6			G2/225
BL	(0°-30°)	170.1	1.9	B1/500		
BM	(30°-60°)	1767.5	19.7	B2/2500		
BH	(60°-80°)	2394.7	26.7	B3/2500		G3/2500
BVH	(80°-90°)	144.7	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°	256.2	256.2	256.2	256.2	256.2	256.2	256.2	256.2	256.2	256.2	256.2
2.5°	259.2	259.2	259.2	259.2	258.2	259.2	258.2	258.2	258.2	258.2	258.2
5°	263.1	264.1	265.1	265.1	265.1	265.1	265.1	265.1	265.1	264.1	264.1
7.5°	272.0	274.0	274.0	275.0	275.0	275.0	275.0	275.0	275.0	274.0	274.0
10°	285.8	286.8	287.8	287.8	287.8	288.8	290.7	290.7	290.7	289.7	291.7
12.5°	301.6	302.6	302.6	303.5	305.5	305.5	306.5	308.5	309.5	309.5	311.4
15°	320.3	322.3	322.3	322.3	326.2	327.2	329.2	331.1	333.1	333.1	335.1
17.5°	342.0	344.9	343.9	344.9	349.9	351.8	355.8	357.7	362.7	364.6	366.6
20°	368.6	371.5	370.6	372.5	376.5	381.4	385.3	393.2	398.1	398.1	402.1
22.5°	401.1	404.1	402.1	403.1	409.0	412.9	421.8	429.7	437.6	441.5	445.5
25°	438.6	442.5	439.5	441.5	447.4	452.4	463.2	477.0	485.9	492.8	498.7
27.5°	488.8	492.8	489.8	489.8	497.7	501.6	517.4	533.2	547.9	554.8	559.8
30°	544.0	549.9	545.0	545.0	553.9	557.8	576.5	600.2	620.9	632.7	640.6
32.5°	609.1	612.0	608.1	609.1	615.9	622.8	651.4	684.0	712.5	727.3	737.2
35°	684.9	690.8	681.0	679.0	689.9	703.7	740.1	789.4	831.8	852.5	863.3
37.5°	773.6	776.6	766.7	764.8	781.5	801.2	852.5	917.5	964.8	992.4	1007.2
40°	875.1	884.0	868.2	869.2	886.0	915.5	981.6	1059.4	1123.5	1157.0	1172.8
42.5°	985.5	1003.3	982.6	980.6	1011.1	1049.6	1129.4	1229.9	1325.5	1374.8	1387.6
45°	1107.7	1134.3	1114.6	1112.7	1154.0	1204.3	1316.7	1470.4	1594.6	1685.2	1701.0
47.5°	1249.6	1275.3	1251.6	1257.5	1305.8	1386.6	1537.4	1723.7	1874.5	1973.0	1986.8
50°	1415.2	1419.1	1404.4	1410.3	1495.0	1600.5	1785.8	1987.8	2208.5	2309.1	2316.0
52.5°	1576.8	1565.0	1554.2	1573.9	1678.3	1810.4	2042.0	2375.1	2685.5	2883.6	2919.1
55°	1736.5	1717.8	1716.8	1746.3	1879.4	2062.7	2360.3	2779.2	3096.5	3262.1	3301.5
57.5°	1889.2	1881.4	1882.3	1907.0	2074.5	2307.1	2654.0	3035.4	3293.6	3406.0	3425.7
60°	2037.1	2050.9	2041.0	2081.4	2262.8	2495.3	2764.4	3134.0	3385.3	3482.8	3492.7
62.5°	2181.0	2194.8	2190.8	2223.3	2344.6	2539.7	2823.5	3254.2	3543.9	3682.9	3697.7
65°	2307.1	2321.9	2309.1	2284.4	2377.1	2570.2	2944.7	3370.5	3646.4	3772.6	3808.0
67.5°	2399.7	2403.7	2355.4	2290.3	2342.6	2502.2	2862.9	3270.9	3511.4	3594.2	3628.7
70°	2451.0	2421.4	2333.7	2207.6	2177.0	2300.2	2657.9	3016.7	3264.0	3348.8	3382.3
72.5°	2393.8	2351.4	2195.7	1995.7	1898.1	1992.7	2342.6	2680.6	2884.6	2970.4	3011.7
75°	2192.8	2128.7	1927.7	1680.3	1544.3	1636.0	1947.4	2249.9	2425.4	2491.4	2538.7
77.5°	1796.6	1748.3	1544.3	1292.0	1152.1	1218.1	1488.1	1725.6	1904.0	1951.3	2018.3
80°	1256.5	1203.3	1070.3	858.4	729.3	760.8	965.8	1155.0	1309.8	1372.8	1434.9
82.5°	621.9	581.5	533.2	415.9	319.3	321.3	437.6	527.3	665.2	721.4	784.5
85°	22.7	25.6	30.6	37.4	29.6	22.7	42.4	50.3	34.5	54.2	33.5
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)