

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: P887959

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

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887959
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-1)
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-WQ-TC
Description: WQ
4000K, 70 CRI LEDS, WIDE DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10755 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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



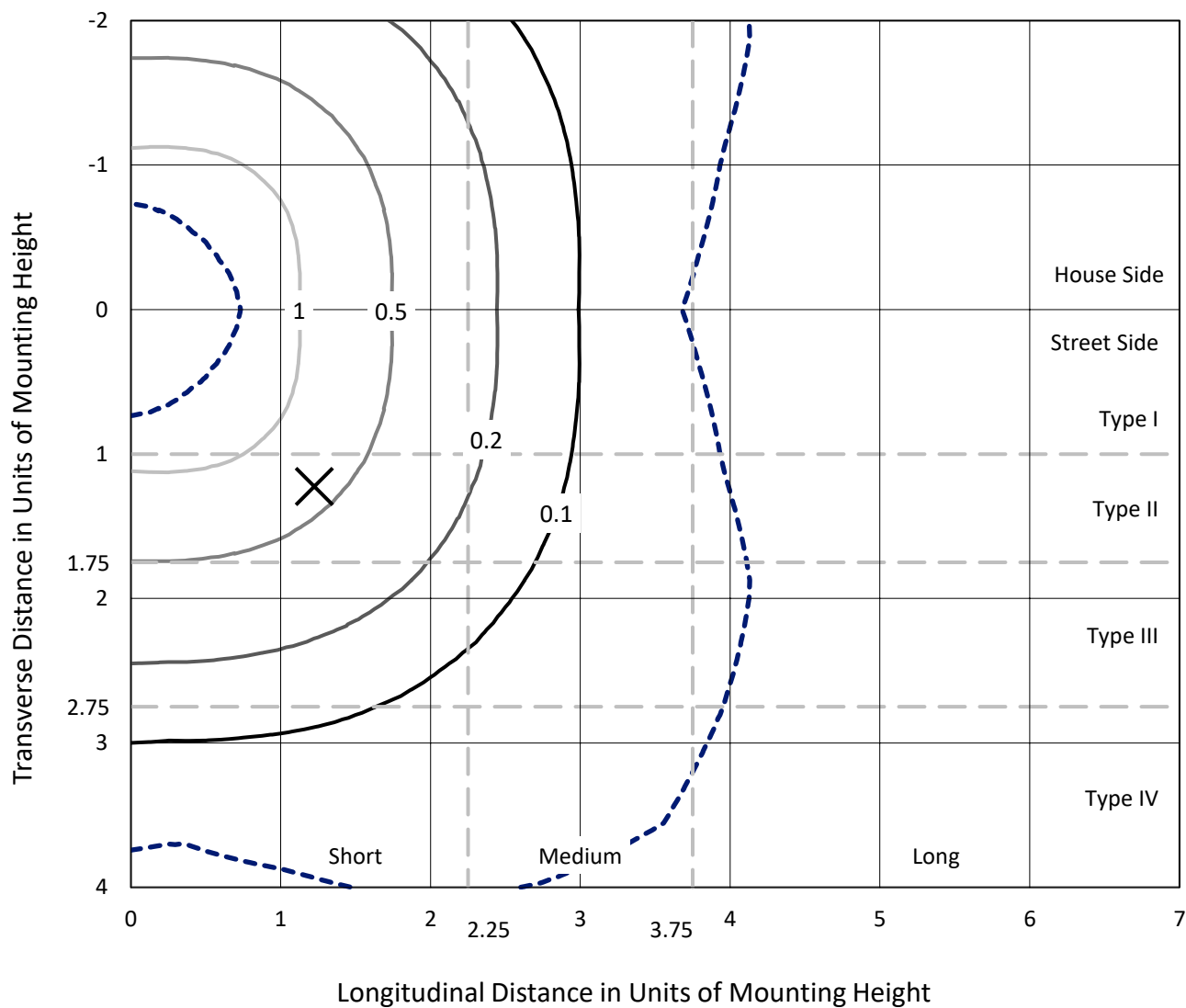
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

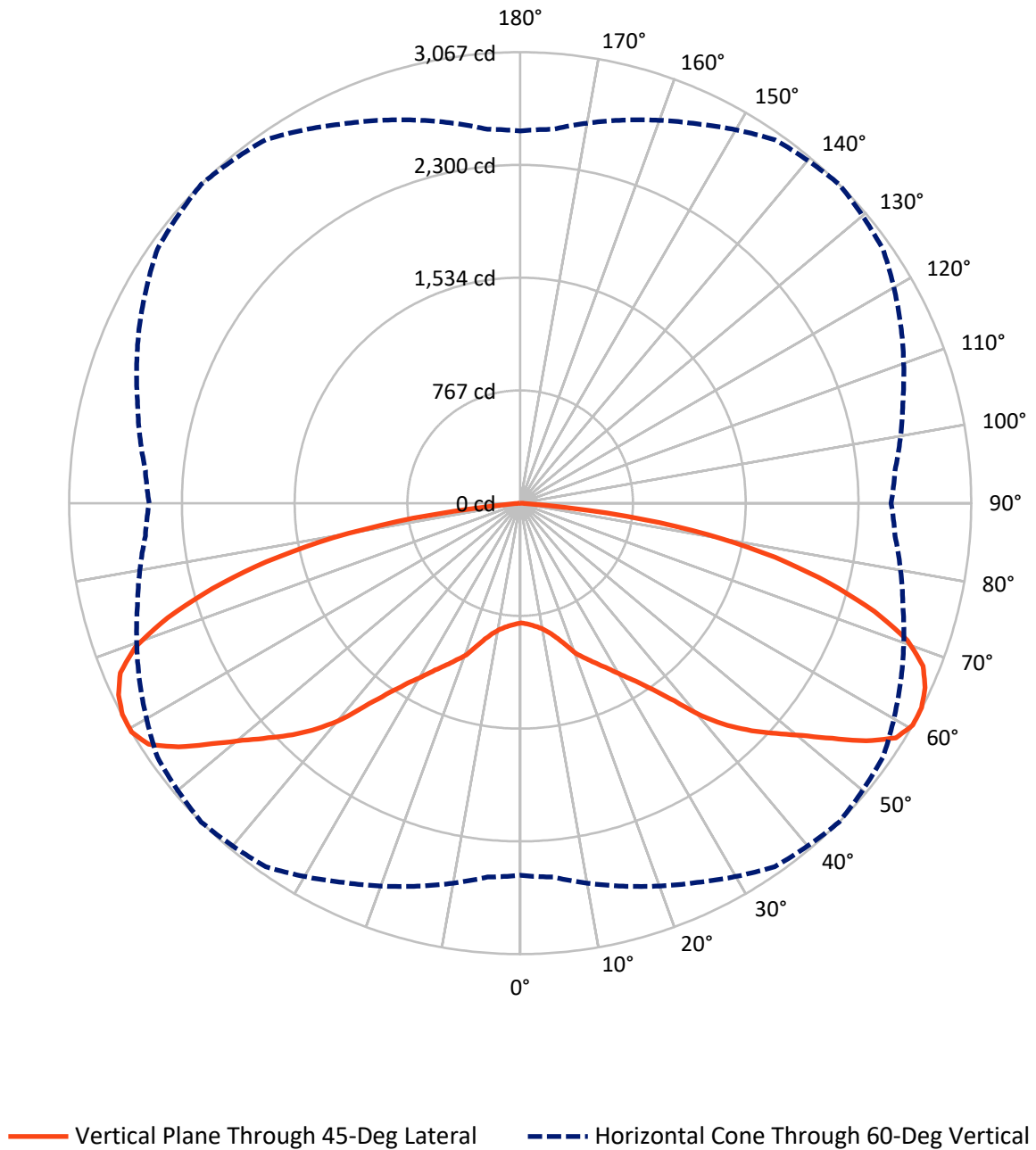
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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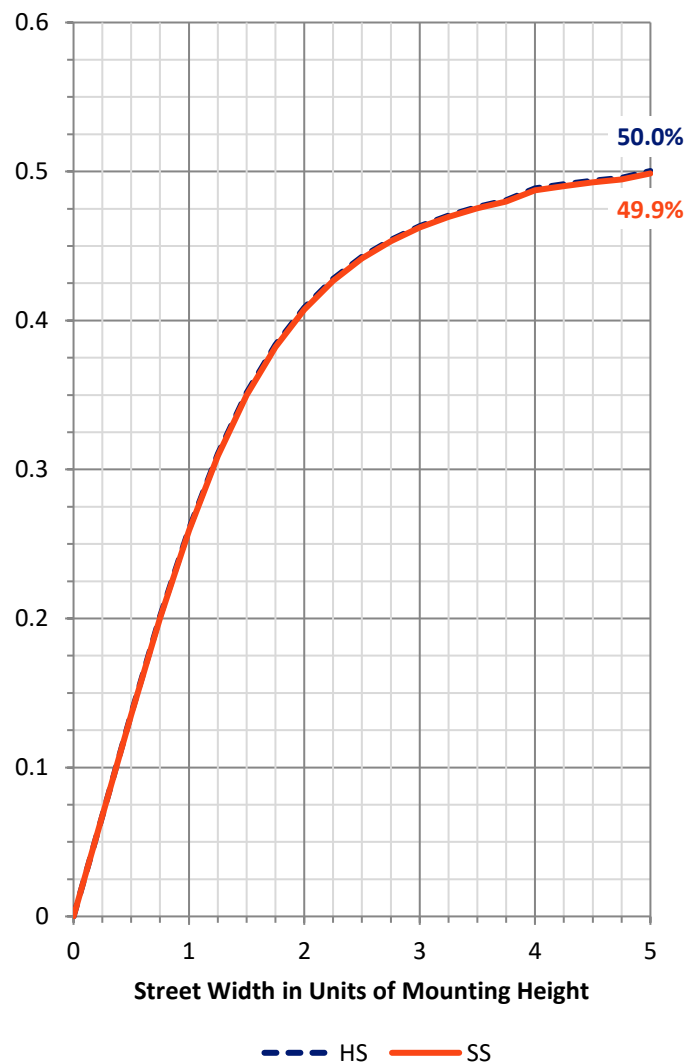
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5377.5	0.0	5377.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5377.5	0.0	5377.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	10755.0	0.0	10755.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.9	0.8
10°-20°	275.6	2.6
20°-30°	559.4	5.2
30°-40°	975.9	9.1
40°-50°	1629.6	15.2
50°-60°	2361.0	22.0
60°-70°	2686.9	25.0
70°-80°	1912.1	17.8
80°-90°	273.6	2.5
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°	10755.0	100.0
0°-180°	10755.0	100.0

Coefficient of Utilization



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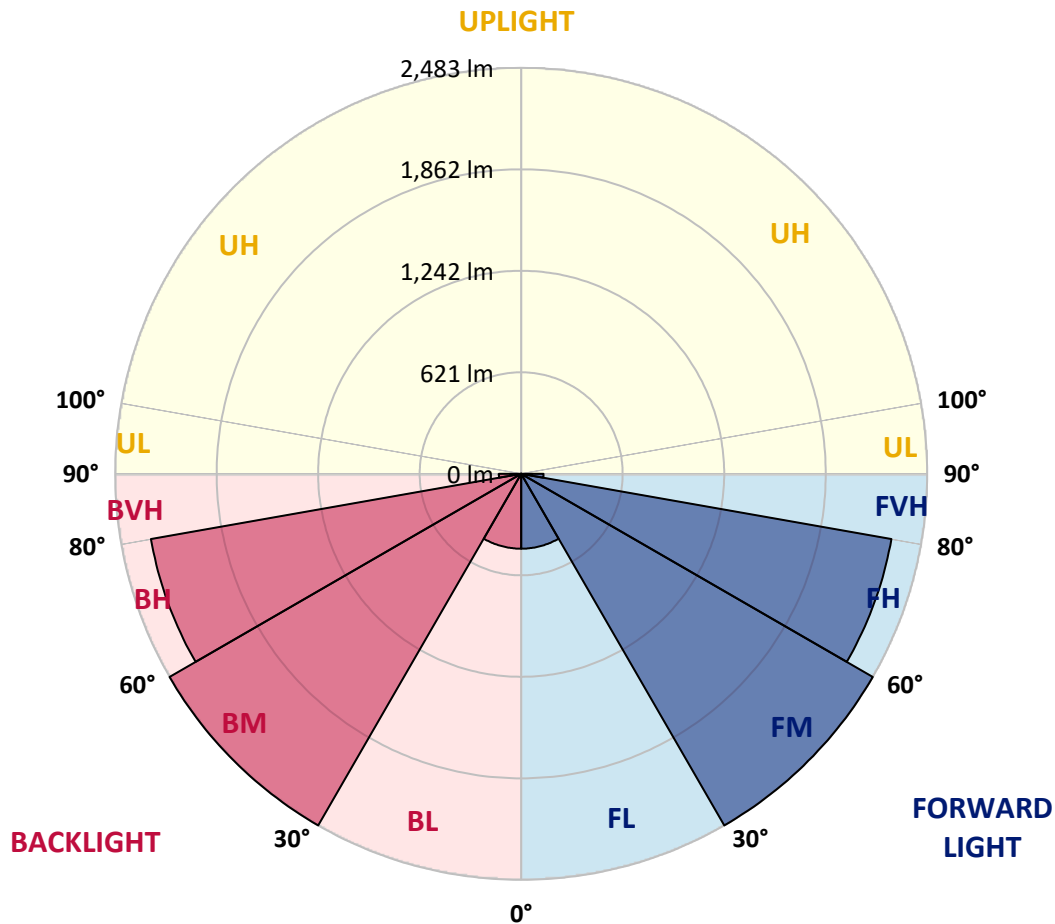
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	457.9	4.3			
FM	(30°-60°)	2483.3	23.1			
FH	(60°-80°)	2299.5	21.4			G2/5000
FVH	(80°-90°)	136.8	1.3			G2/225
BL	(0°-30°)	457.9	4.3	B1/500		
BM	(30°-60°)	2483.3	23.1	B2/2500		
BH	(60°-80°)	2299.5	21.4	B3/2500		G2/5000
BVH	(80°-90°)	136.8	1.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1	814.1
2.5°	823.9	823.9	823.9	823.9	823.9	822.0	822.0	823.9	823.9	823.9	825.9
5°	833.8	835.8	833.8	835.8	833.8	833.8	833.8	835.8	835.8	835.8	835.8
7.5°	849.6	849.6	847.6	849.6	847.6	849.6	849.6	851.5	851.5	851.5	851.5
10°	875.2	875.2	875.2	875.2	873.2	873.2	875.2	877.2	879.1	879.1	879.1
12.5°	908.7	908.7	908.7	912.6	908.7	906.7	906.7	910.7	912.6	910.7	908.7
15°	948.1	948.1	950.1	954.0	954.0	954.0	952.1	952.1	954.0	950.1	948.1
17.5°	1001.3	1001.3	1001.3	1009.2	1015.1	1017.1	1011.2	1007.2	1007.2	1003.3	999.4
20°	1070.3	1072.3	1072.3	1080.2	1090.0	1094.0	1088.1	1080.2	1078.2	1072.3	1070.3
22.5°	1127.5	1131.4	1133.4	1139.3	1147.2	1149.2	1149.2	1141.3	1139.3	1135.4	1127.5
25°	1182.7	1186.6	1188.6	1200.4	1208.3	1208.3	1210.3	1200.4	1196.5	1190.6	1182.7
27.5°	1243.8	1243.8	1245.8	1261.5	1275.3	1273.3	1273.3	1265.5	1257.6	1247.7	1245.8
30°	1308.8	1312.8	1312.8	1332.5	1348.3	1354.2	1346.3	1338.4	1326.6	1316.7	1310.8
32.5°	1383.7	1385.7	1393.6	1421.2	1437.0	1442.9	1438.9	1425.1	1405.4	1395.6	1389.6
35°	1468.5	1470.5	1490.2	1527.6	1551.3	1557.2	1557.2	1529.6	1504.0	1482.3	1472.4
37.5°	1586.8	1592.7	1624.2	1671.5	1716.9	1707.0	1722.8	1673.5	1634.1	1604.5	1590.7
40°	1734.6	1740.5	1787.8	1841.0	1902.1	1904.1	1910.0	1843.0	1791.8	1754.3	1738.5
42.5°	1845.0	1862.7	1921.9	1990.8	2044.1	2065.7	2053.9	1992.8	1923.8	1876.5	1858.8
45°	1961.3	1979.0	2050.0	2126.8	2184.0	2207.7	2188.0	2128.8	2055.9	1994.8	1973.1
47.5°	2077.6	2095.3	2168.2	2253.0	2324.0	2339.7	2327.9	2256.9	2172.2	2105.2	2083.5
50°	2191.9	2213.6	2284.5	2391.0	2469.8	2481.7	2473.8	2393.0	2286.5	2217.5	2203.7
52.5°	2292.4	2325.9	2430.4	2538.8	2645.3	2657.1	2651.2	2536.8	2416.6	2327.9	2288.5
55°	2414.6	2436.3	2544.7	2722.1	2810.8	2854.2	2824.6	2710.3	2548.7	2448.1	2418.6
57.5°	2523.0	2542.8	2645.3	2816.7	2950.8	3011.9	2962.6	2818.7	2649.2	2536.8	2529.0
60°	2530.9	2552.6	2696.5	2846.3	3017.8	3067.1	3011.9	2856.2	2694.5	2558.5	2523.0
62.5°	2485.6	2513.2	2651.2	2875.9	3033.6	3063.1	3017.8	2858.1	2661.0	2527.0	2487.6
65°	2479.7	2491.5	2611.7	2846.3	2966.5	3025.7	2968.5	2836.5	2623.6	2495.4	2461.9
67.5°	2331.8	2327.9	2489.5	2698.5	2889.7	2954.7	2883.8	2702.4	2503.3	2347.6	2308.2
70°	2136.7	2126.8	2286.5	2517.1	2708.3	2793.1	2704.4	2525.0	2306.2	2142.6	2113.0
72.5°	1876.5	1858.8	2022.4	2268.8	2452.1	2519.1	2448.1	2276.7	2044.1	1888.3	1843.0
75°	1539.5	1515.8	1697.1	1933.7	2101.2	2172.2	2091.4	1957.3	1726.7	1567.0	1505.9
77.5°	1153.1	1121.6	1293.1	1539.5	1687.3	1772.0	1685.3	1559.2	1332.5	1174.8	1125.5
80°	741.1	699.8	837.7	1084.1	1212.2	1295.0	1196.5	1094.0	875.2	745.1	709.6
82.5°	301.6	266.1	356.8	536.1	636.7	733.3	630.8	542.1	382.4	297.6	274.0
85°	21.7	11.8	17.7	21.7	17.7	33.5	13.8	17.7	15.8	15.8	15.8
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)