

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: P887886

Luminaire Tested: **TT-D5-740-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887886
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-D5-740-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: 6806 lumens
Efficiency: N/A
Efficacy: 91.1 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 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



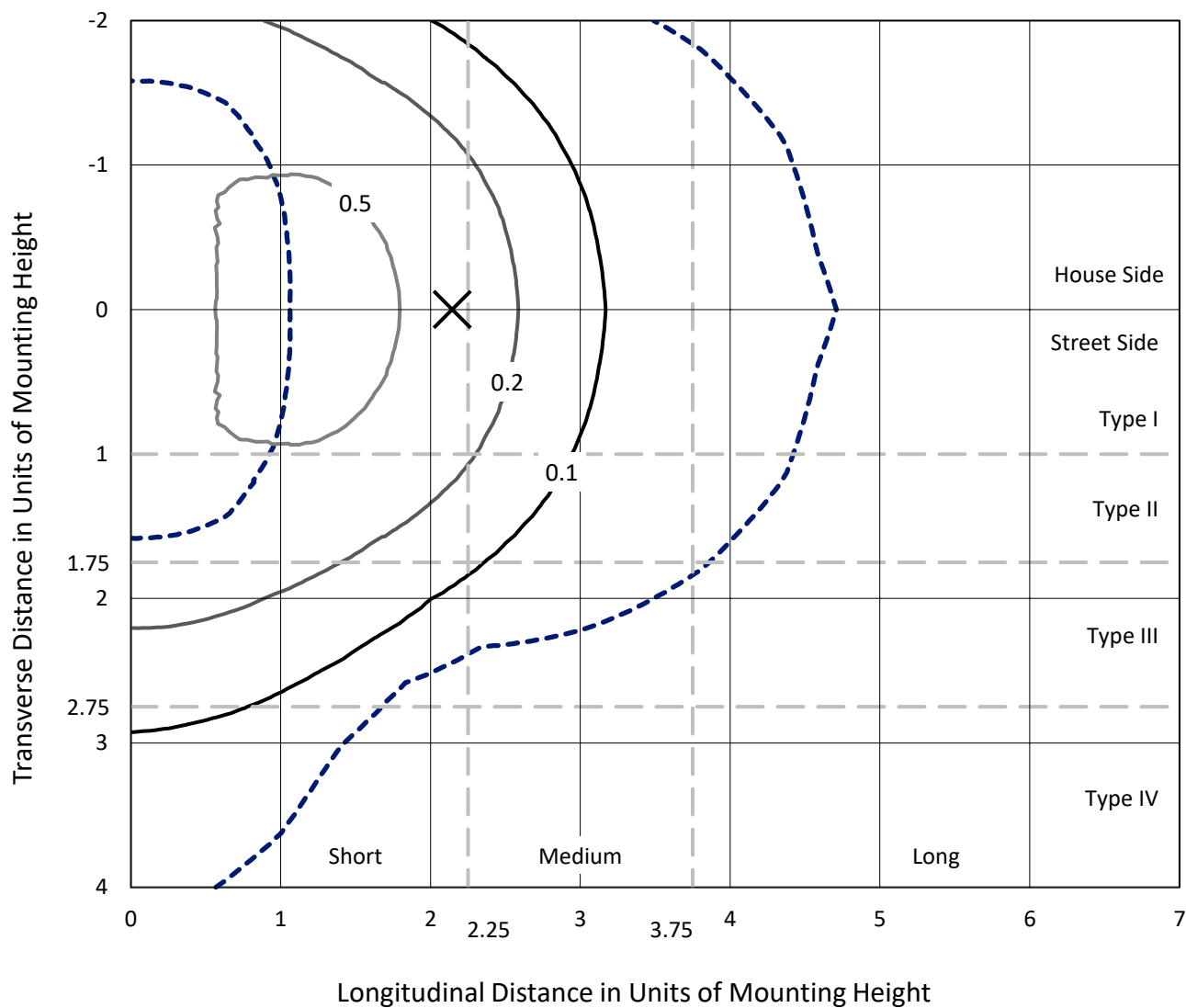
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

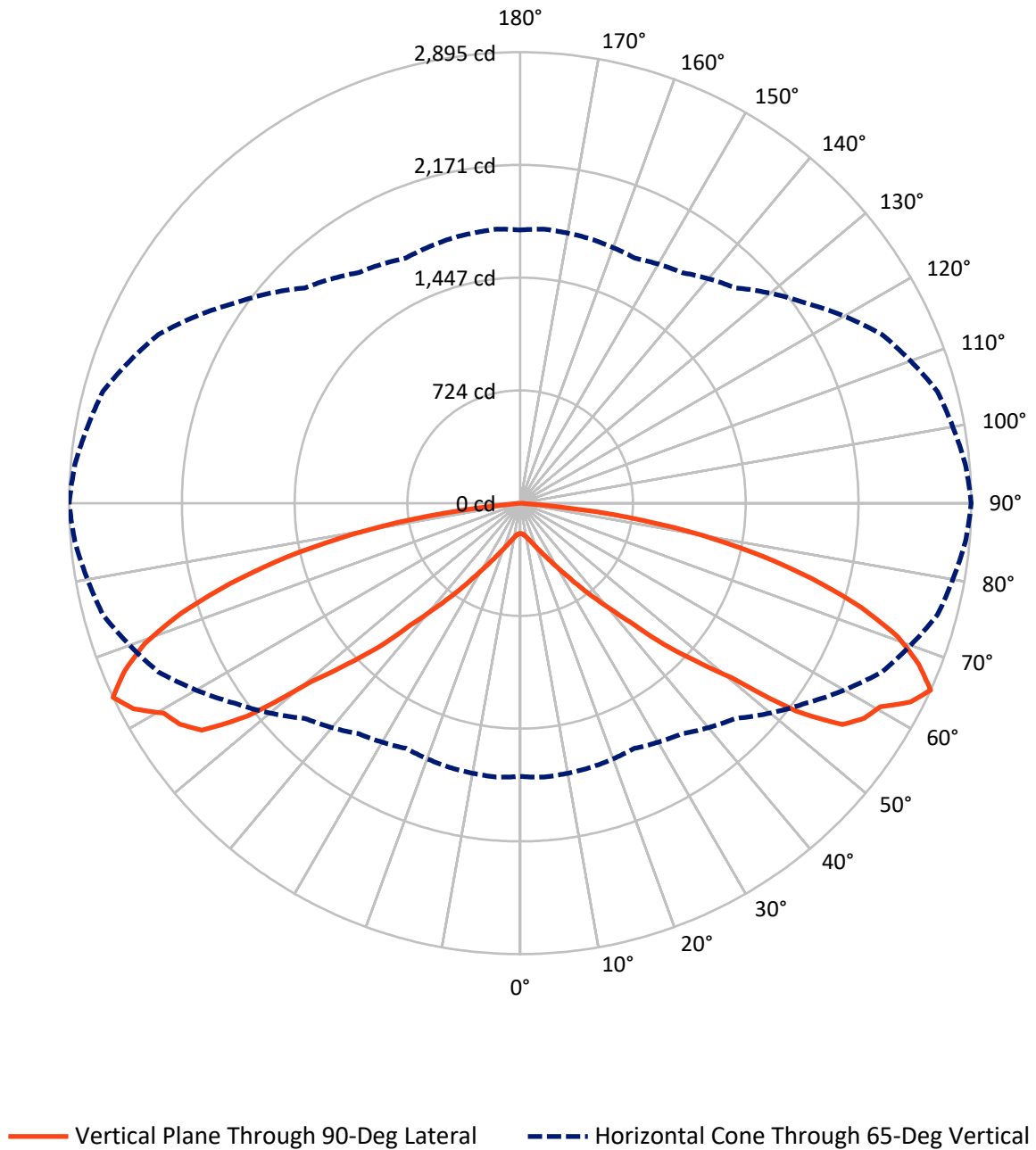
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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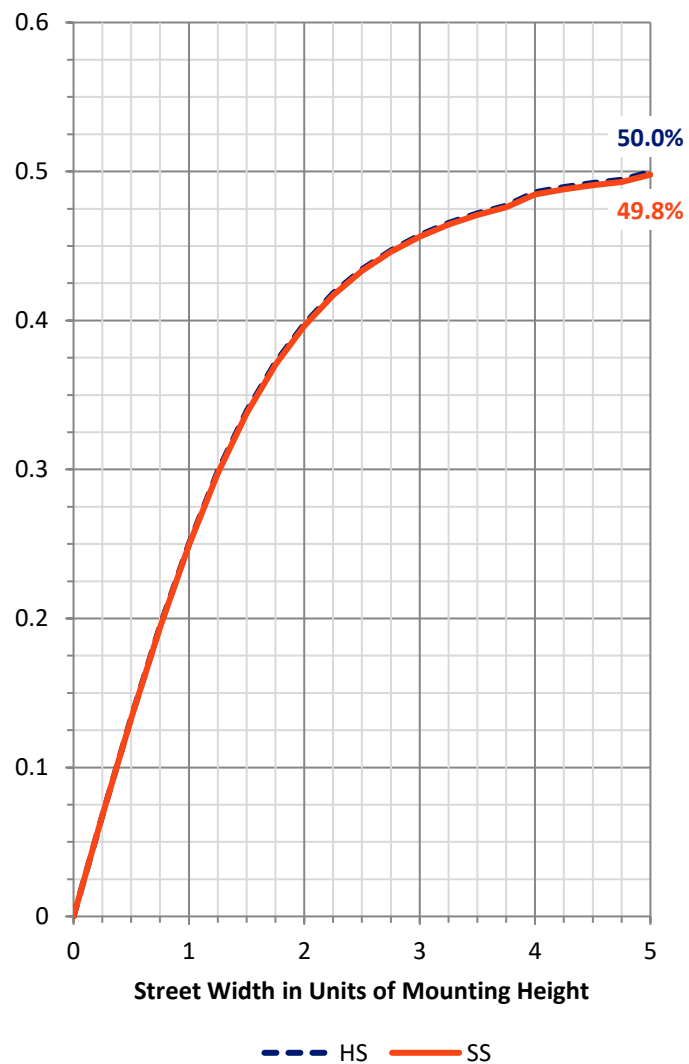
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3403.0	0.0	3403.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3403.0	0.0	3403.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6806.0	0.0	6806.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.8	0.3
10°-20°	72.3	1.1
20°-30°	166.6	2.4
30°-40°	363.0	5.3
40°-50°	785.1	11.5
50°-60°	1538.9	22.6
60°-70°	2080.5	30.6
70°-80°	1559.9	22.9
80°-90°	220.0	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°	6806.0	100.0
0°-180°	6806.0	100.0

Coefficient of Utilization



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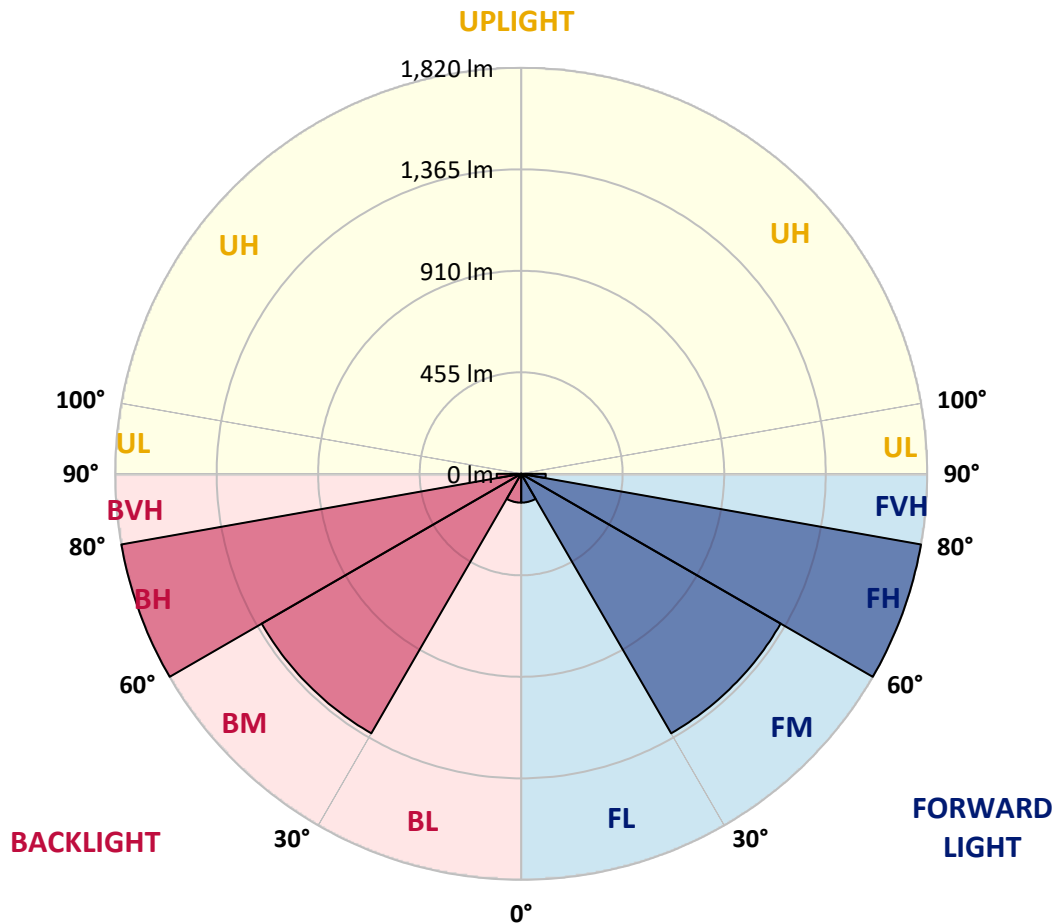
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	129.3	1.9			
FM	(30°-60°)	1343.5	19.7			
FH	(60°-80°)	1820.2	26.7			G2/5000
FVH	(80°-90°)	110.0	1.6			G2/225
BL	(0°-30°)	129.3	1.9	B1/500		
BM	(30°-60°)	1343.5	19.7	B2/2500		
BH	(60°-80°)	1820.2	26.7	B3/2500		G3/2500
BVH	(80°-90°)	110.0	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°	194.8	194.8	194.8	194.8	194.8	194.8	194.8	194.8	194.8	194.8	194.8
2.5°	197.0	197.0	197.0	197.0	196.3	197.0	196.3	196.3	196.3	196.3	196.3
5°	200.0	200.8	201.5	201.5	201.5	201.5	201.5	201.5	201.5	200.8	200.8
7.5°	206.8	208.2	208.2	209.0	209.0	209.0	209.0	209.0	209.0	208.2	208.2
10°	217.2	218.0	218.7	218.7	218.7	219.5	221.0	221.0	221.0	220.2	221.7
12.5°	229.2	230.0	230.0	230.7	232.2	232.2	233.0	234.5	235.2	235.2	236.7
15°	243.5	245.0	245.0	245.0	248.0	248.7	250.2	251.7	253.2	253.2	254.7
17.5°	259.9	262.2	261.4	262.2	265.9	267.4	270.4	271.9	275.7	277.2	278.7
20°	280.2	282.4	281.7	283.2	286.2	289.9	292.9	298.9	302.6	302.6	305.6
22.5°	304.9	307.1	305.6	306.4	310.9	313.9	320.6	326.6	332.6	335.6	338.6
25°	333.3	336.3	334.1	335.6	340.1	343.8	352.1	362.6	369.3	374.6	379.0
27.5°	371.6	374.6	372.3	372.3	378.3	381.3	393.3	405.3	416.5	421.7	425.5
30°	413.5	418.0	414.3	414.3	421.0	424.0	438.2	456.2	471.9	480.9	486.9
32.5°	462.9	465.2	462.2	462.9	468.2	473.4	495.2	519.9	541.6	552.8	560.3
35°	520.6	525.1	517.6	516.1	524.4	534.9	562.6	600.0	632.2	648.0	656.2
37.5°	588.0	590.3	582.8	581.3	594.0	609.0	648.0	697.4	733.4	754.3	765.6
40°	665.2	671.9	660.0	660.7	673.4	695.9	746.1	805.3	854.0	879.4	891.4
42.5°	749.1	762.6	746.9	745.4	768.6	797.8	858.5	934.9	1007.5	1045.0	1054.7
45°	842.0	862.2	847.2	845.7	877.2	915.4	1000.8	1117.7	1212.0	1281.0	1292.9
47.5°	949.9	969.3	951.4	955.9	992.6	1054.0	1168.6	1310.2	1424.8	1499.7	1510.2
50°	1075.7	1078.7	1067.5	1072.0	1136.4	1216.5	1357.4	1510.9	1678.7	1755.1	1760.4
52.5°	1198.6	1189.6	1181.3	1196.3	1275.7	1376.1	1552.1	1805.3	2041.3	2191.9	2218.8
55°	1319.9	1305.7	1304.9	1327.4	1428.5	1567.9	1794.1	2112.5	2353.7	2479.5	2509.5
57.5°	1436.0	1430.0	1430.8	1449.5	1576.9	1753.6	2017.3	2307.2	2503.5	2588.9	2603.9
60°	1548.4	1558.9	1551.4	1582.1	1719.9	1896.7	2101.2	2382.1	2573.2	2647.3	2654.8
62.5°	1657.8	1668.2	1665.3	1690.0	1782.1	1930.4	2146.2	2473.5	2693.8	2799.4	2810.6
65°	1753.6	1764.9	1755.1	1736.4	1806.8	1953.7	2238.3	2561.9	2771.7	2867.6	2894.5
67.5°	1824.1	1827.1	1790.4	1740.9	1780.6	1902.0	2176.1	2486.3	2669.0	2732.0	2758.2
70°	1863.0	1840.5	1773.9	1678.0	1654.8	1748.4	2020.3	2293.0	2481.0	2545.4	2570.9
72.5°	1819.6	1787.4	1669.0	1516.9	1442.8	1514.7	1780.6	2037.6	2192.6	2257.8	2289.3
75°	1666.7	1618.1	1465.2	1277.2	1173.8	1243.5	1480.2	1710.2	1843.5	1893.7	1929.7
77.5°	1365.6	1328.9	1173.8	982.1	875.7	925.9	1131.1	1311.7	1447.3	1483.2	1534.2
80°	955.1	914.7	813.5	652.5	554.3	578.3	734.1	877.9	995.6	1043.5	1090.7
82.5°	472.7	442.0	405.3	316.1	242.7	244.2	332.6	400.8	505.6	548.3	596.3
85°	17.2	19.5	23.2	28.5	22.5	17.2	32.2	38.2	26.2	41.2	25.5
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)