

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: P887887

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

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887887
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-D5-740-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: 8174 lumens
Efficiency: N/A
Efficacy: 109.4 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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



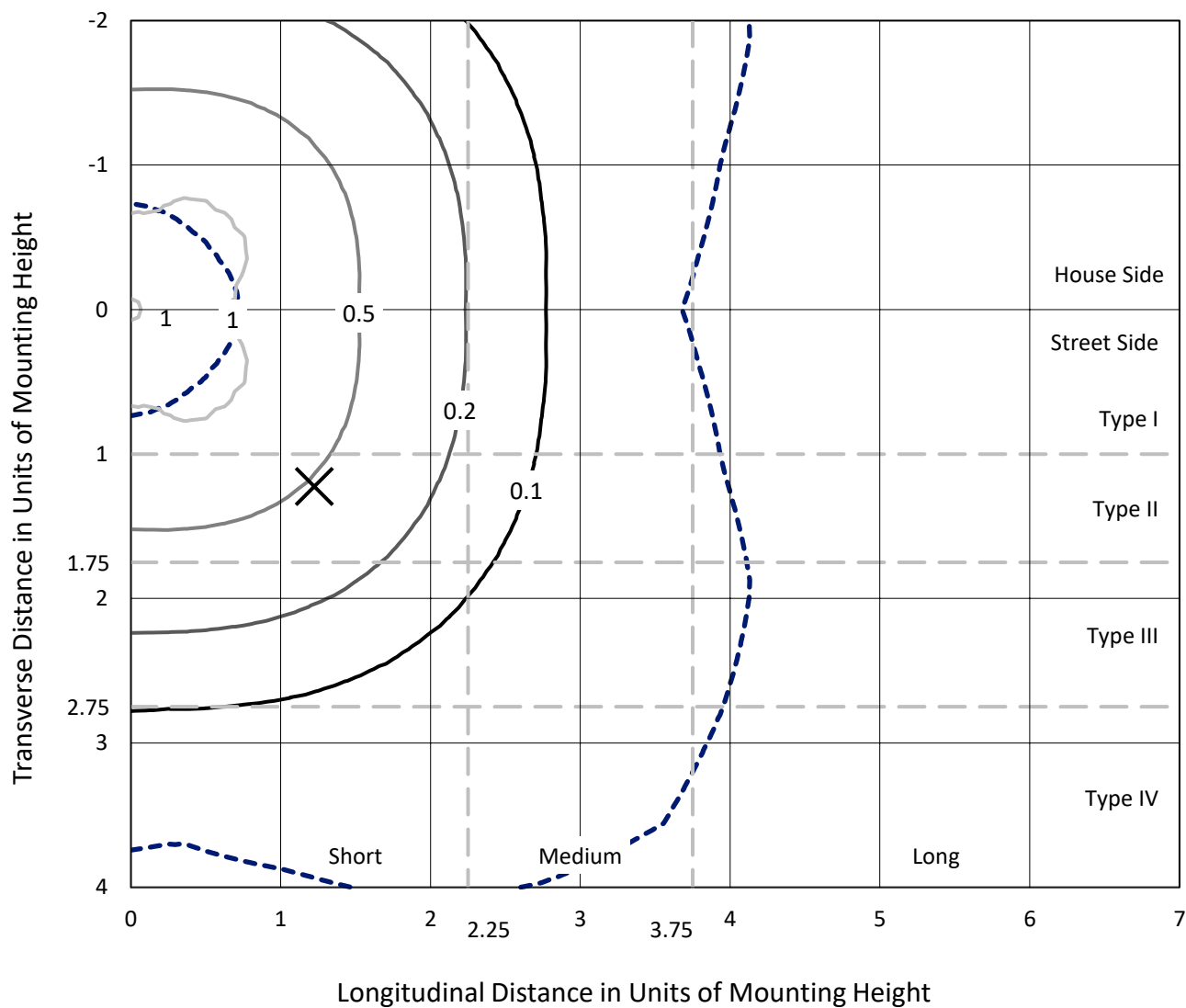
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

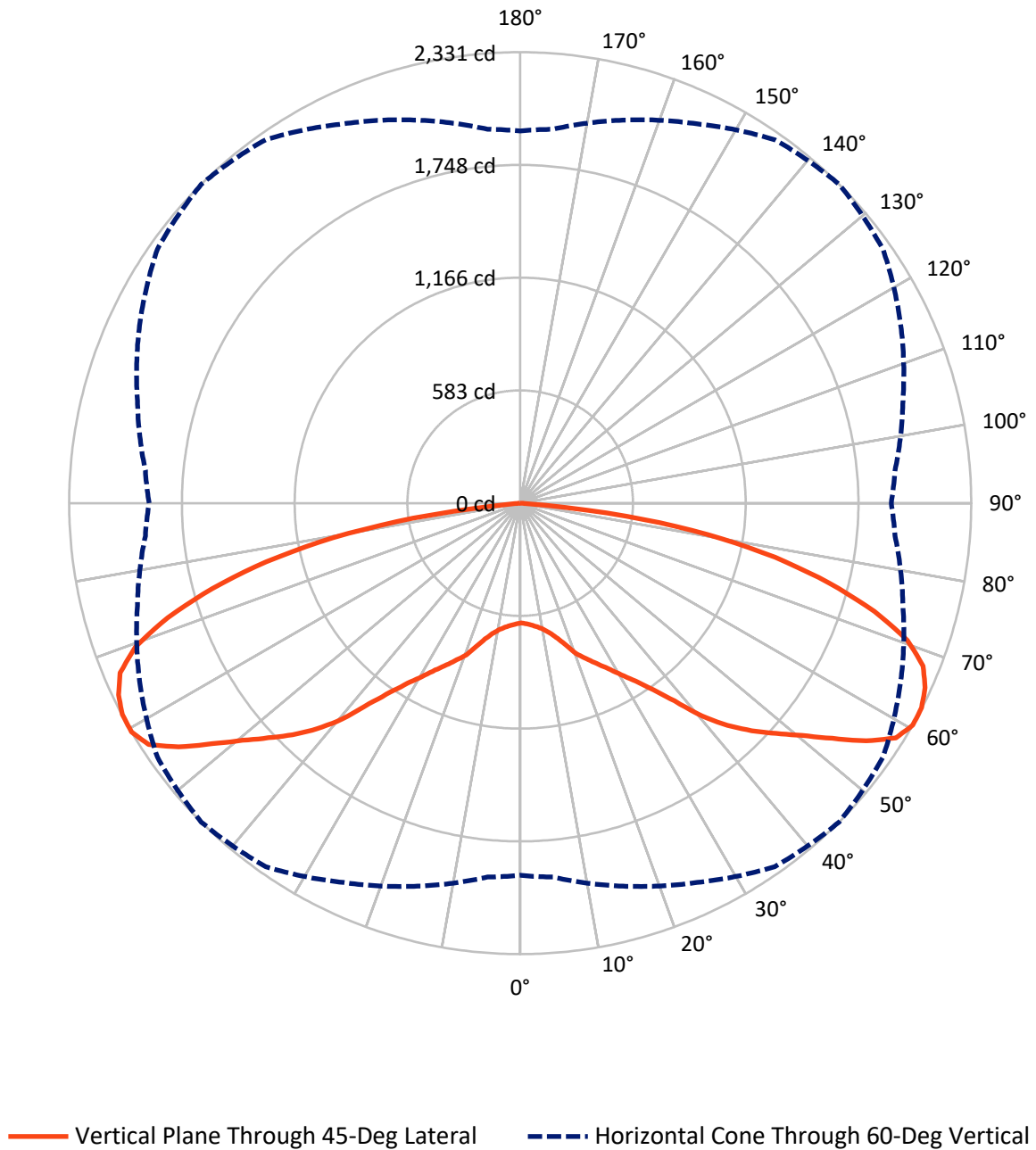


Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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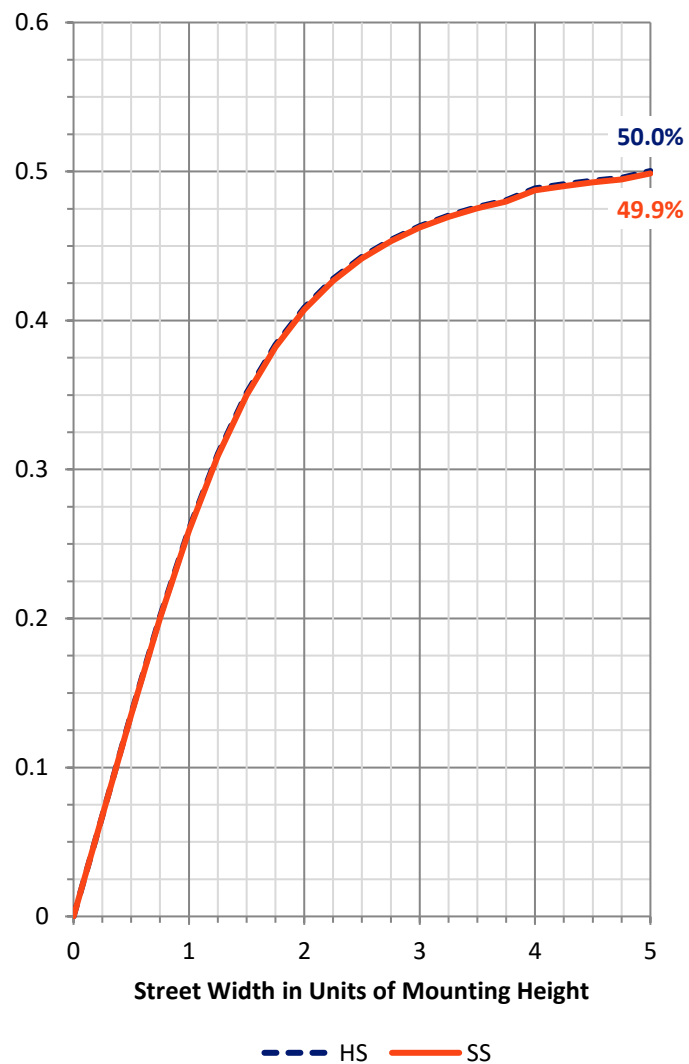
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4087.0	0.0	4087.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4087.0	0.0	4087.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8174.0	0.0	8174.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.5	0.8
10°-20°	209.5	2.6
20°-30°	425.2	5.2
30°-40°	741.7	9.1
40°-50°	1238.5	15.2
50°-60°	1794.4	22.0
60°-70°	2042.1	25.0
70°-80°	1453.2	17.8
80°-90°	207.9	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°	8174.0	100.0
0°-180°	8174.0	100.0

Coefficient of Utilization



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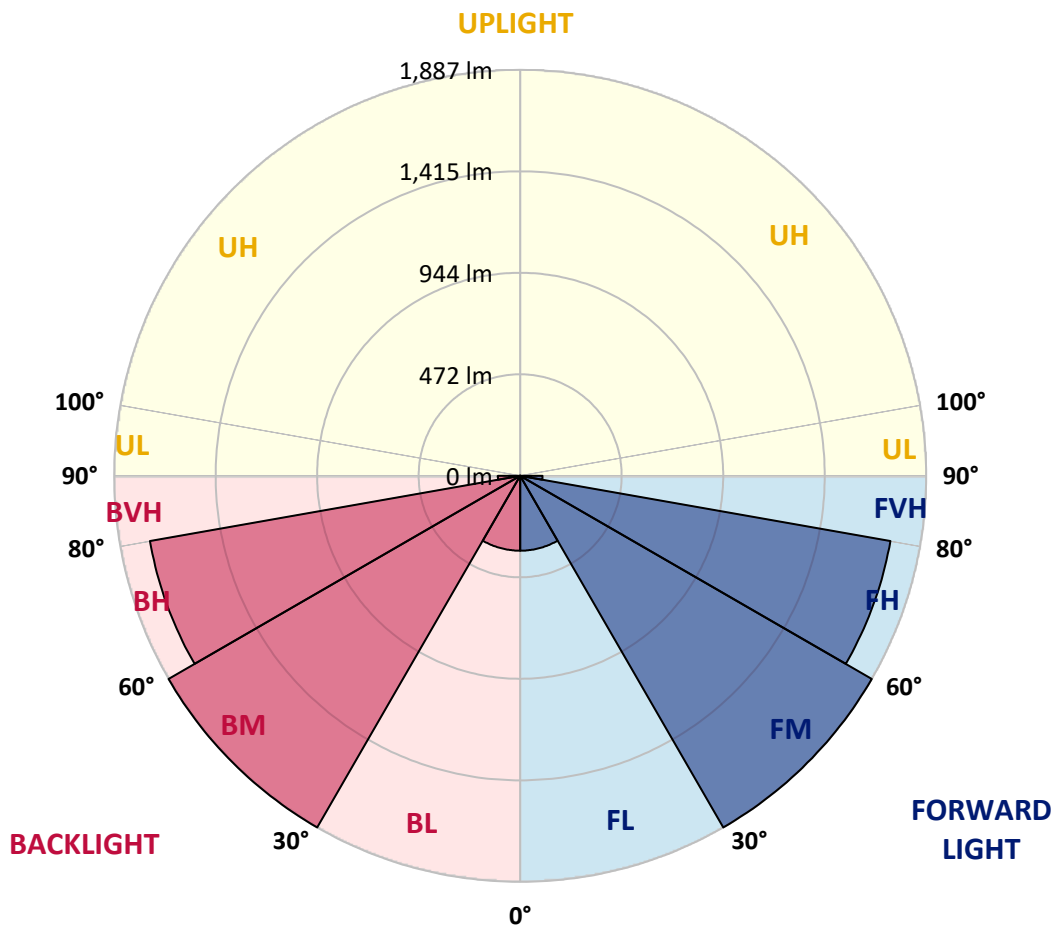
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	348.0	4.3			
FM	(30°-60°)	1887.3	23.1			
FH	(60°-80°)	1747.7	21.4			G1/1800
FVH	(80°-90°)	104.0	1.3			G2/225
BL	(0°-30°)	348.0	4.3	B1/500		
BM	(30°-60°)	1887.3	23.1	B2/2500		
BH	(60°-80°)	1747.7	21.4	B3/2500		G1/1800
BVH	(80°-90°)	104.0	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°	618.7	618.7	618.7	618.7	618.7	618.7	618.7	618.7	618.7	618.7	618.7
2.5°	626.2	626.2	626.2	626.2	626.2	624.7	624.7	626.2	626.2	626.2	627.7
5°	633.7	635.2	633.7	635.2	633.7	633.7	633.7	635.2	635.2	635.2	635.2
7.5°	645.7	645.7	644.2	645.7	644.2	645.7	645.7	647.2	647.2	647.2	647.2
10°	665.2	665.2	665.2	665.2	663.7	663.7	665.2	666.7	668.2	668.2	668.2
12.5°	690.6	690.6	690.6	693.6	690.6	689.1	689.1	692.1	693.6	692.1	690.6
15°	720.6	720.6	722.1	725.1	725.1	725.1	723.6	723.6	725.1	722.1	720.6
17.5°	761.0	761.0	761.0	767.0	771.5	773.0	768.5	765.5	765.5	762.5	759.5
20°	813.5	815.0	815.0	821.0	828.4	831.4	826.9	821.0	819.5	815.0	813.5
22.5°	856.9	859.9	861.4	865.9	871.9	873.4	873.4	867.4	865.9	862.9	856.9
25°	898.9	901.9	903.4	912.3	918.3	918.3	919.8	912.3	909.3	904.8	898.9
27.5°	945.3	945.3	946.8	958.8	969.3	967.8	967.8	961.8	955.8	948.3	946.8
30°	994.7	997.7	997.7	1012.7	1024.7	1029.2	1023.2	1017.2	1008.2	1000.7	996.2
32.5°	1051.7	1053.2	1059.2	1080.1	1092.1	1096.6	1093.6	1083.1	1068.1	1060.7	1056.2
35°	1116.1	1117.6	1132.6	1161.0	1179.0	1183.5	1183.5	1162.5	1143.0	1126.6	1119.1
37.5°	1206.0	1210.5	1234.4	1270.4	1304.8	1297.3	1309.3	1271.9	1241.9	1219.4	1209.0
40°	1318.3	1322.8	1358.8	1399.2	1445.7	1447.2	1451.7	1400.7	1361.8	1333.3	1321.3
42.5°	1402.2	1415.7	1460.6	1513.1	1553.5	1570.0	1561.0	1514.6	1462.1	1426.2	1412.7
45°	1490.6	1504.1	1558.0	1616.4	1659.9	1677.9	1662.9	1617.9	1562.5	1516.1	1499.6
47.5°	1579.0	1592.5	1647.9	1712.3	1766.3	1778.2	1769.2	1715.3	1650.9	1600.0	1583.5
50°	1665.9	1682.4	1736.3	1817.2	1877.1	1886.1	1880.1	1818.7	1737.8	1685.4	1674.9
52.5°	1742.3	1767.8	1847.2	1929.5	2010.4	2019.4	2014.9	1928.0	1836.7	1769.2	1739.3
55°	1835.2	1851.6	1934.0	2068.9	2136.3	2169.2	2146.8	2059.9	1937.0	1860.6	1838.2
57.5°	1917.6	1932.5	2010.4	2140.8	2242.6	2289.1	2251.6	2142.3	2013.4	1928.0	1922.1
60°	1923.6	1940.0	2049.4	2163.2	2293.6	2331.0	2289.1	2170.7	2047.9	1944.5	1917.6
62.5°	1889.1	1910.1	2014.9	2185.7	2305.6	2328.0	2293.6	2172.2	2022.4	1920.6	1890.6
65°	1884.6	1893.6	1985.0	2163.2	2254.6	2299.6	2256.1	2155.8	1994.0	1896.6	1871.1
67.5°	1772.2	1769.2	1892.1	2050.9	2196.2	2245.6	2191.7	2053.9	1902.6	1784.2	1754.3
70°	1623.9	1616.4	1737.8	1913.1	2058.4	2122.8	2055.4	1919.1	1752.8	1628.4	1606.0
72.5°	1426.2	1412.7	1537.0	1724.3	1863.6	1914.6	1860.6	1730.3	1553.5	1435.2	1400.7
75°	1170.0	1152.0	1289.9	1469.6	1597.0	1650.9	1589.5	1487.6	1312.3	1191.0	1144.5
77.5°	876.4	852.4	982.7	1170.0	1282.4	1346.8	1280.9	1185.0	1012.7	892.9	855.4
80°	563.3	531.8	636.7	824.0	921.3	984.2	909.3	831.4	665.2	566.3	539.3
82.5°	229.2	202.2	271.2	407.5	483.9	557.3	479.4	412.0	290.6	226.2	208.2
85°	16.5	9.0	13.5	16.5	13.5	25.5	10.5	13.5	12.0	12.0	12.0
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)