

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: P887885

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

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887885
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-2)
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-MQ-TC
Description: MQ
4000K, 70 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8322 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

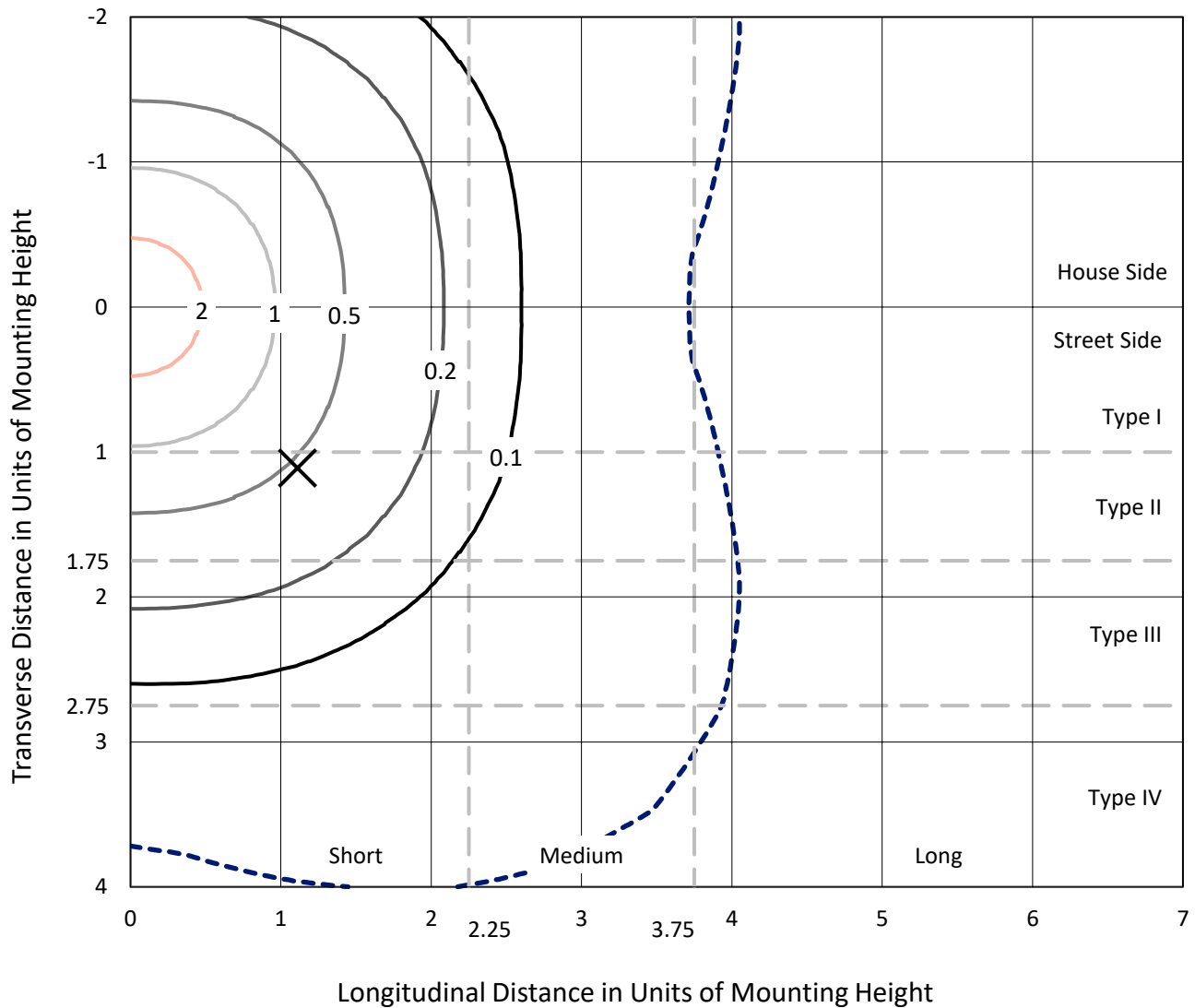
Input Watts (W): 74.7
Input Voltage (V): 120.0
Input Current (Ain): 0.62
Voltage Rise (V): NR
Power Factor: 0.995
Total Harmonic Distortion (THDi): 9.98%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

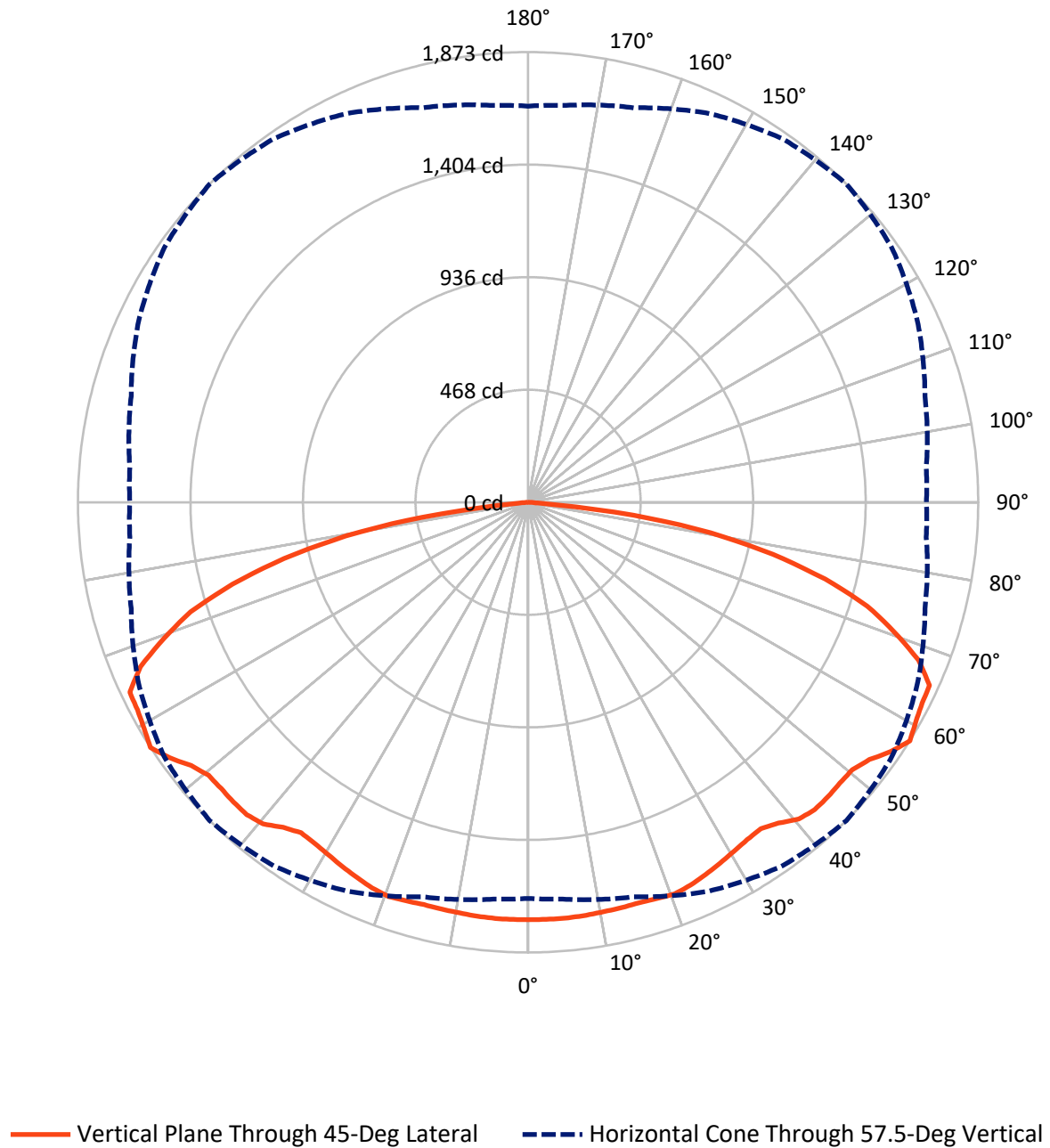


Based on 25 foot mounting height. Maximum calculated value = 2.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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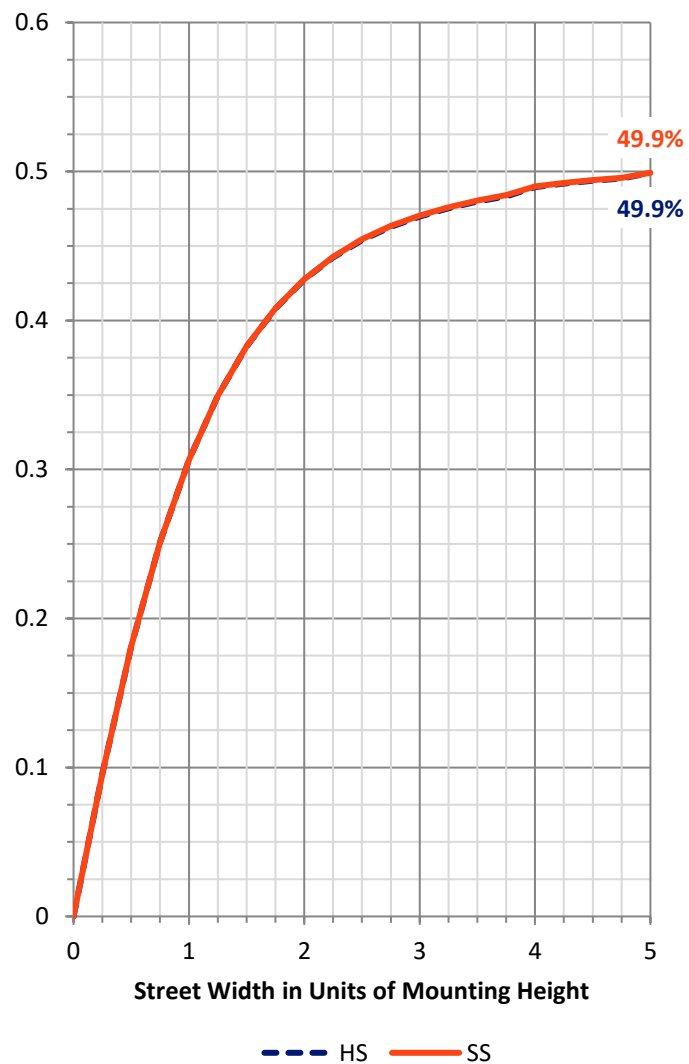
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4161.0	0.0	4161.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4161.0	0.0	4161.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8322.0	0.0	8322.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.6	2.0
10°-20°	490.5	5.9
20°-30°	790.6	9.5
30°-40°	1049.3	12.6
40°-50°	1318.0	15.8
50°-60°	1554.2	18.7
60°-70°	1631.5	19.6
70°-80°	1146.8	13.8
80°-90°	175.4	2.1
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°	8322.0	100.0
0°-180°	8322.0	100.0

Coefficient of Utilization



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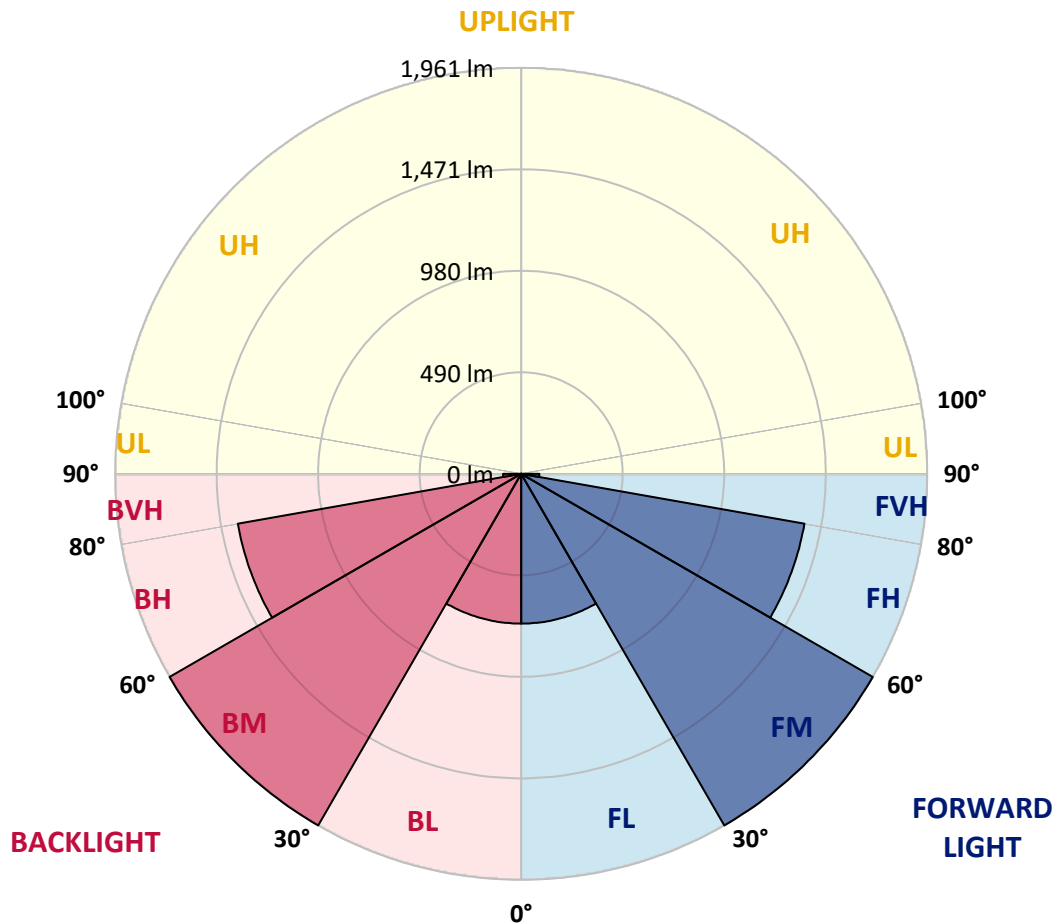
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	723.4	8.7			
FM	(30°-60°)	1960.8	23.6			
FH	(60°-80°)	1389.1	16.7			G1/1800
FVH	(80°-90°)	87.7	1.1			G1/100
BL	(0°-30°)	723.4	8.7	B2/1000		
BM	(30°-60°)	1960.8	23.6	B2/2500		
BH	(60°-80°)	1389.1	16.7	B3/2500		G1/1800
BVH	(80°-90°)	87.7	1.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3
2.5°	1737.8	1737.8	1737.8	1736.3	1734.8	1736.3	1734.8	1736.3	1736.3	1736.3	1737.8
5°	1737.8	1737.8	1737.8	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3	1736.3
7.5°	1736.3	1736.3	1734.8	1734.8	1734.8	1734.8	1734.8	1734.8	1734.8	1734.8	1734.8
10°	1734.8	1734.8	1733.3	1733.3	1731.8	1731.8	1731.8	1733.3	1733.3	1733.3	1733.3
12.5°	1730.3	1731.8	1731.8	1730.3	1730.3	1730.3	1728.8	1730.3	1730.3	1728.8	1728.8
15°	1727.3	1728.8	1728.8	1728.8	1728.8	1728.8	1727.3	1728.8	1727.3	1727.3	1727.3
17.5°	1727.3	1727.3	1728.8	1730.3	1731.8	1733.3	1730.3	1730.3	1727.3	1725.8	1725.8
20°	1730.3	1730.3	1731.8	1733.3	1737.8	1739.3	1737.8	1733.3	1731.8	1728.8	1728.8
22.5°	1721.3	1722.8	1724.3	1724.3	1727.3	1730.3	1728.8	1725.8	1722.8	1721.3	1721.3
25°	1709.3	1709.3	1709.3	1712.3	1715.3	1715.3	1713.8	1712.3	1709.3	1707.8	1707.8
27.5°	1692.9	1691.4	1692.9	1695.9	1698.9	1700.4	1698.9	1697.4	1692.9	1692.9	1691.4
30°	1674.9	1673.4	1676.4	1679.4	1683.9	1685.4	1683.9	1680.9	1676.4	1674.9	1673.4
32.5°	1656.9	1656.9	1659.9	1664.4	1670.4	1673.4	1670.4	1667.4	1659.9	1656.9	1656.9
35°	1640.4	1640.4	1647.9	1656.9	1664.4	1667.4	1664.4	1659.9	1650.9	1643.4	1643.4
37.5°	1641.9	1644.9	1655.4	1676.4	1688.4	1692.9	1689.9	1676.4	1661.4	1649.4	1644.9
40°	1664.4	1667.4	1685.4	1706.3	1725.8	1733.3	1727.3	1709.3	1688.4	1670.4	1667.4
42.5°	1665.9	1667.4	1688.4	1715.3	1737.8	1748.3	1740.8	1718.3	1692.9	1671.9	1668.9
45°	1653.9	1658.4	1682.4	1713.8	1737.8	1748.3	1737.8	1718.3	1686.9	1662.9	1661.4
47.5°	1641.9	1644.9	1671.9	1706.3	1734.8	1745.3	1736.3	1709.3	1674.9	1649.4	1647.9
50°	1632.9	1635.9	1659.9	1704.9	1736.3	1748.3	1737.8	1709.3	1667.4	1641.9	1640.4
52.5°	1629.9	1632.9	1671.9	1719.8	1767.8	1778.3	1766.3	1722.8	1677.9	1638.9	1638.9
55°	1637.4	1638.9	1691.4	1763.3	1808.2	1830.7	1811.2	1764.8	1701.9	1650.9	1644.9
57.5°	1647.9	1656.9	1698.9	1784.3	1845.7	1872.6	1847.2	1787.2	1709.3	1662.9	1656.9
60°	1612.0	1625.5	1683.9	1757.3	1827.7	1853.2	1832.2	1766.3	1683.9	1624.0	1622.5
62.5°	1547.5	1553.5	1632.9	1725.8	1806.7	1839.7	1811.2	1739.3	1638.9	1576.0	1568.5
65°	1529.6	1537.1	1594.0	1709.3	1793.2	1835.2	1806.7	1718.3	1603.0	1535.6	1529.6
67.5°	1420.2	1436.7	1519.1	1621.0	1715.3	1751.3	1724.3	1646.4	1519.1	1436.7	1424.7
70°	1289.9	1309.3	1387.3	1499.6	1579.0	1616.5	1583.5	1520.6	1385.8	1306.4	1292.9
72.5°	1138.6	1150.5	1240.4	1331.8	1430.7	1475.6	1433.7	1352.8	1235.9	1140.1	1134.1
75°	930.3	951.3	1051.7	1135.6	1228.5	1276.4	1244.9	1150.5	1039.7	936.3	928.8
77.5°	711.6	719.1	822.5	919.8	997.7	1041.2	1015.7	925.8	812.0	710.1	701.1
80°	471.9	477.9	560.3	648.7	723.6	771.5	741.6	660.7	536.3	462.9	452.4
82.5°	203.7	208.2	257.7	332.6	400.0	441.9	418.0	341.6	236.7	191.8	181.3
85°	16.5	15.0	16.5	19.5	19.5	40.4	34.5	30.0	12.0	15.0	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)