

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: P887619

Luminaire Tested: **TT-D2-740-U-MQ-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887619
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-D2-740-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: 4606 lumens
Efficiency: N/A
Efficacy: 117.5 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 39.2
Input Voltage (V): 120.0
Input Current (Ain): 0.33
Voltage Rise (V): NR
Power Factor: 0.972
Total Harmonic Distortion (THDi): 15.9%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT



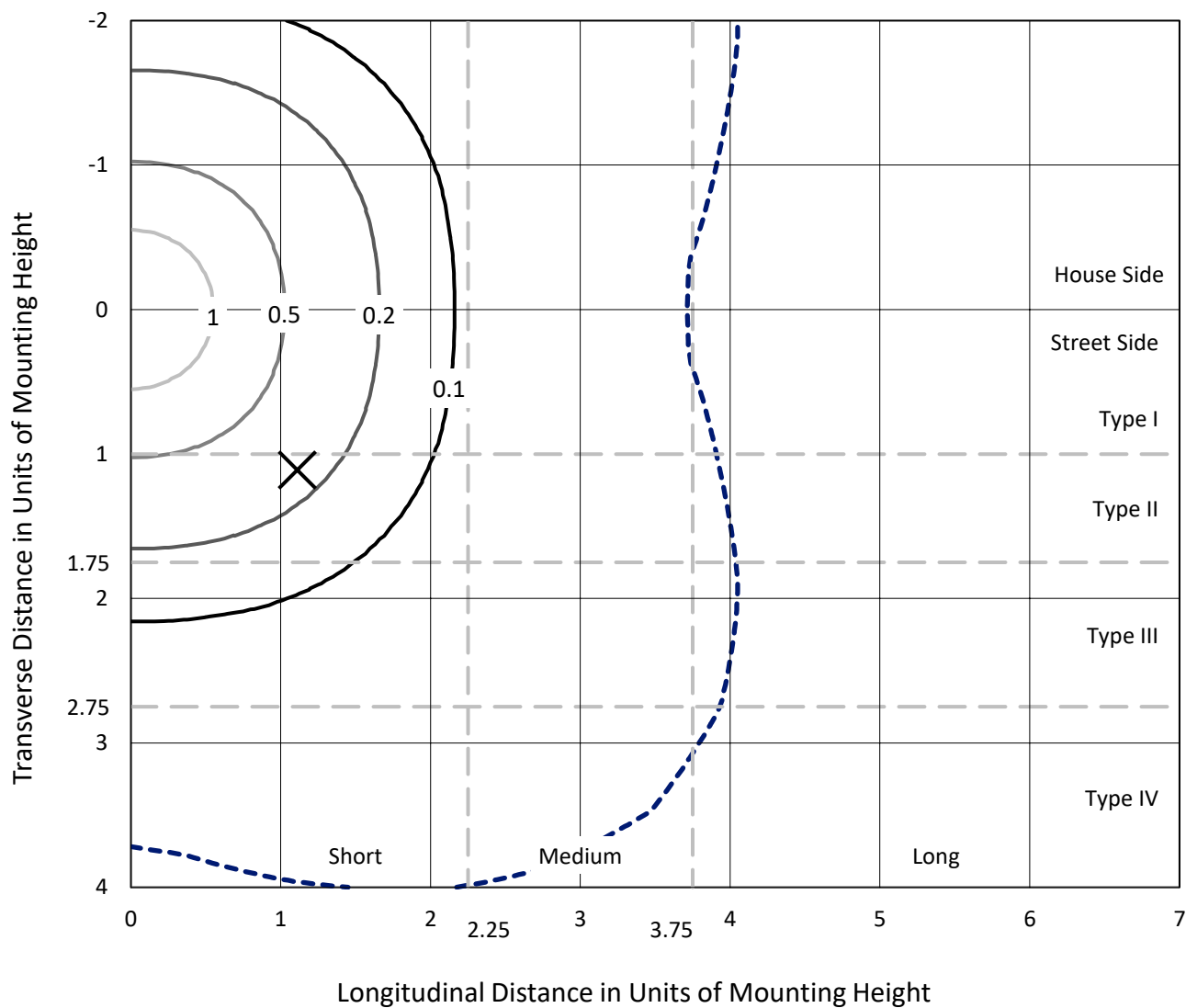
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

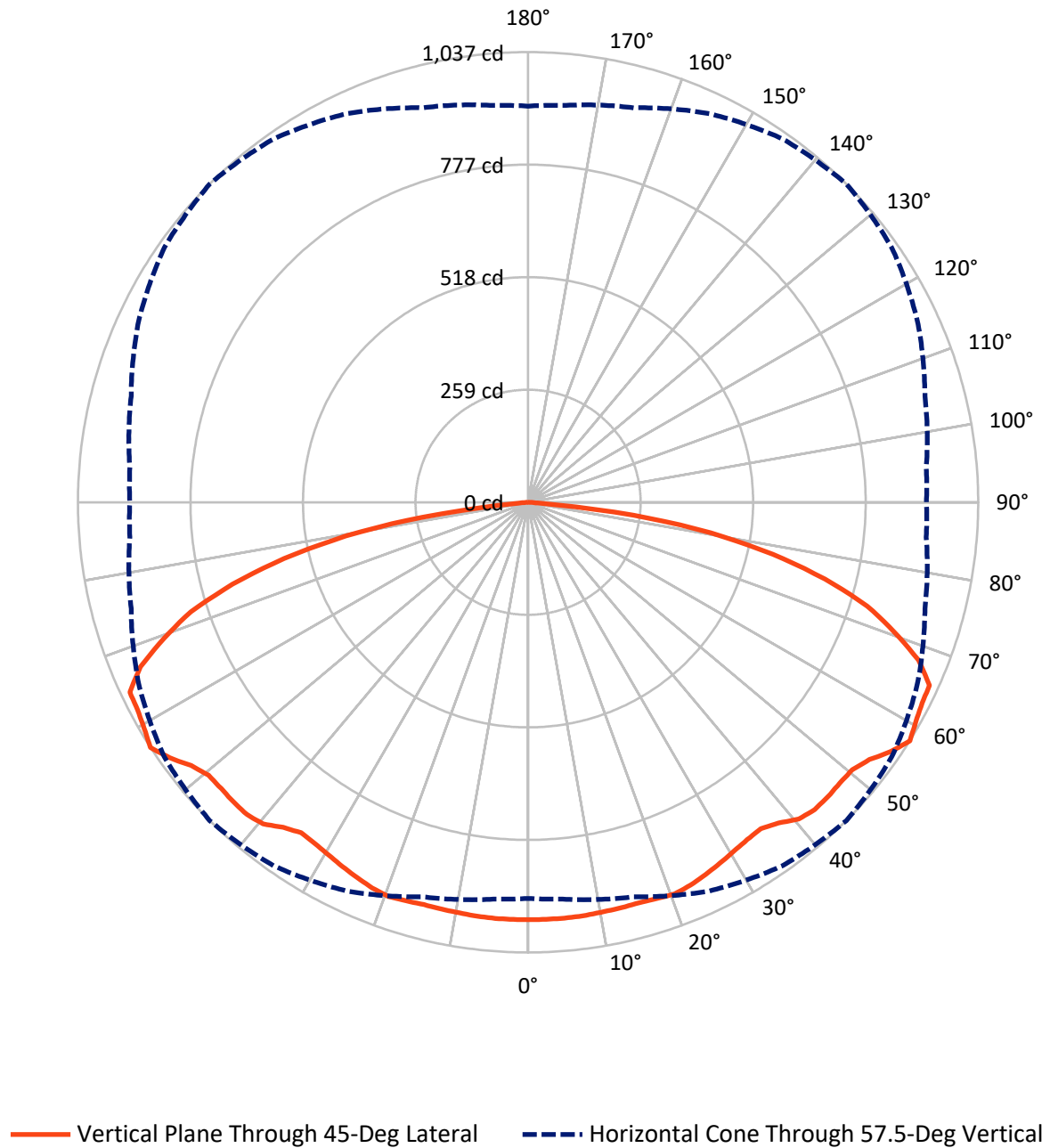
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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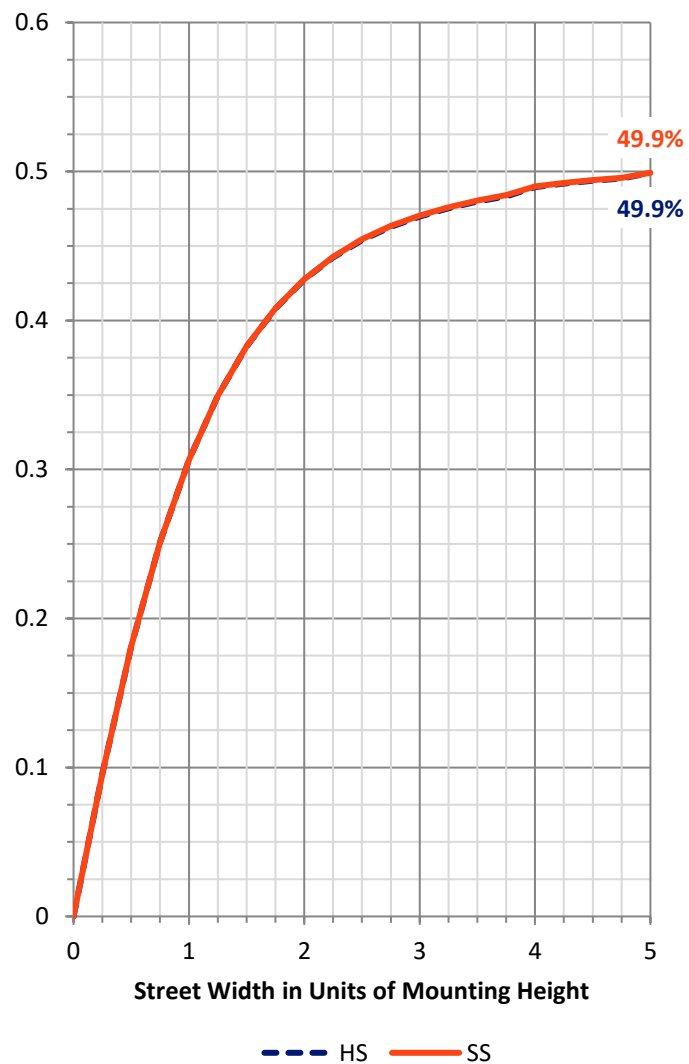
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2303.0	0.0	2303.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2303.0	0.0	2303.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4606.0	0.0	4606.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.7	2.0
10°-20°	271.5	5.9
20°-30°	437.6	9.5
30°-40°	580.8	12.6
40°-50°	729.5	15.8
50°-60°	860.2	18.7
60°-70°	903.0	19.6
70°-80°	634.7	13.8
80°-90°	97.1	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°	4606.0	100.0
0°-180°	4606.0	100.0

Coefficient of Utilization



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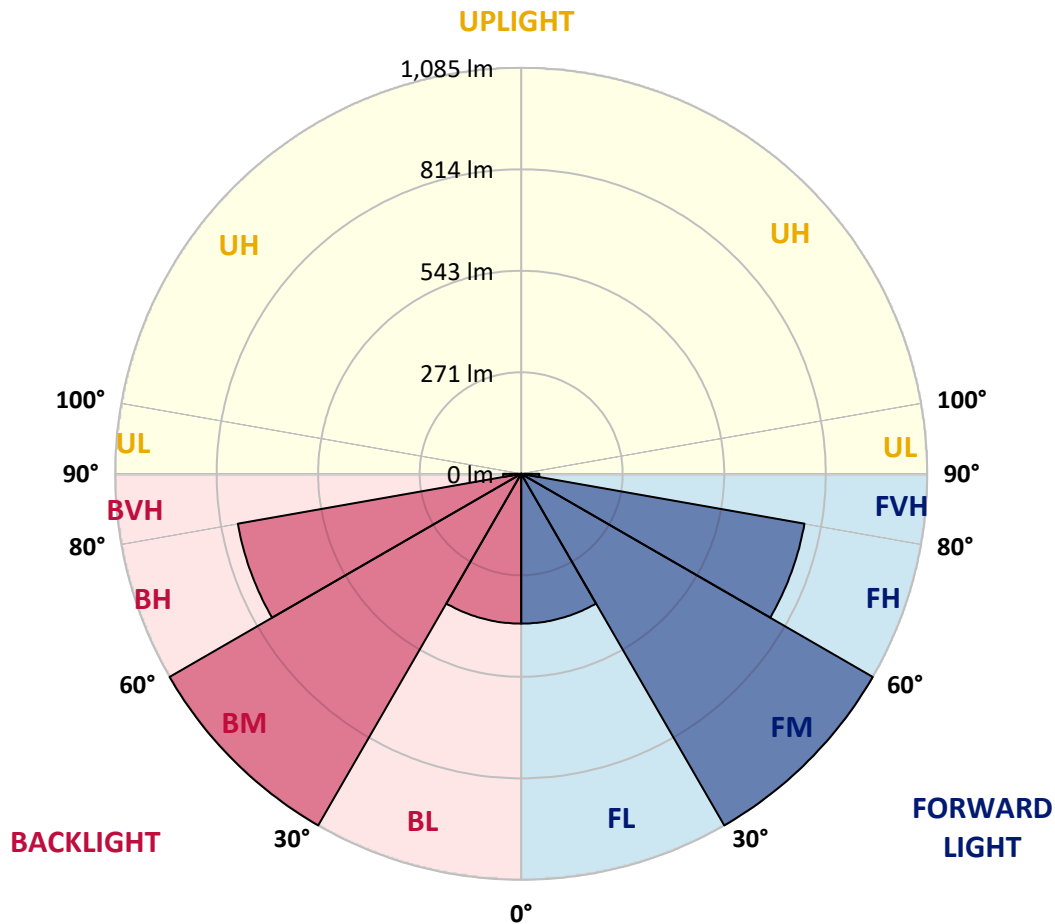
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	400.4	8.7			
FM	(30°-60°)	1085.2	23.6			
FH	(60°-80°)	768.8	16.7			G1/1800
FVH	(80°-90°)	48.5	1.1			G1/100
BL	(0°-30°)	400.4	8.7	B1/500		
BM	(30°-60°)	1085.2	23.6	B2/2500		
BH	(60°-80°)	768.8	16.7	B2/1000		G1/1800
BVH	(80°-90°)	48.5	1.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	961.0	961.0	961.0	961.0	961.0	961.0	961.0	961.0	961.0	961.0	961.0
2.5°	961.8	961.8	961.8	961.0	960.2	961.0	960.2	961.0	961.0	961.0	961.8
5°	961.8	961.8	961.8	961.0	961.0	961.0	961.0	961.0	961.0	961.0	961.0
7.5°	961.0	961.0	960.2	960.2	960.2	960.2	960.2	960.2	960.2	960.2	960.2
10°	960.2	960.2	959.3	959.3	958.5	958.5	958.5	959.3	959.3	959.3	959.3
12.5°	957.7	958.5	958.5	957.7	957.7	957.7	956.9	957.7	957.7	956.9	956.9
15°	956.0	956.9	956.9	956.9	956.9	956.9	956.0	956.9	956.0	956.0	956.0
17.5°	956.0	956.0	956.9	957.7	958.5	959.3	957.7	957.7	956.0	955.2	955.2
20°	957.7	957.7	958.5	959.3	961.8	962.7	961.8	959.3	958.5	956.9	956.9
22.5°	952.7	953.5	954.4	954.4	956.0	957.7	956.9	955.2	953.5	952.7	952.7
25°	946.1	946.1	946.1	947.7	949.4	949.4	948.6	947.7	946.1	945.2	945.2
27.5°	937.0	936.1	937.0	938.6	940.3	941.1	940.3	939.4	937.0	937.0	936.1
30°	927.0	926.2	927.8	929.5	932.0	932.8	932.0	930.3	927.8	927.0	926.2
32.5°	917.1	917.1	918.7	921.2	924.5	926.2	924.5	922.9	918.7	917.1	917.1
35°	907.9	907.9	912.1	917.1	921.2	922.9	921.2	918.7	913.7	909.6	909.6
37.5°	908.8	910.4	916.2	927.8	934.5	937.0	935.3	927.8	919.5	912.9	910.4
40°	921.2	922.9	932.8	944.4	955.2	959.3	956.0	946.1	934.5	924.5	922.9
42.5°	922.0	922.9	934.5	949.4	961.8	967.6	963.5	951.1	937.0	925.3	923.7
45°	915.4	917.9	931.2	948.6	961.8	967.6	961.8	951.1	933.6	920.4	919.5
47.5°	908.8	910.4	925.3	944.4	960.2	966.0	961.0	946.1	927.0	912.9	912.1
50°	903.8	905.4	918.7	943.6	961.0	967.6	961.8	946.1	922.9	908.8	907.9
52.5°	902.1	903.8	925.3	951.9	978.4	984.2	977.6	953.5	928.7	907.1	907.1
55°	906.3	907.1	936.1	975.9	1000.8	1013.2	1002.5	976.8	941.9	913.7	910.4
57.5°	912.1	917.1	940.3	987.5	1021.5	1036.5	1022.4	989.2	946.1	920.4	917.1
60°	892.2	899.6	932.0	972.6	1011.6	1025.7	1014.1	977.6	932.0	898.8	898.0
62.5°	856.5	859.8	903.8	955.2	1000.0	1018.2	1002.5	962.7	907.1	872.3	868.1
65°	846.6	850.7	882.2	946.1	992.5	1015.7	1000.0	951.1	887.2	849.9	846.6
67.5°	786.0	795.2	840.8	897.2	949.4	969.3	954.4	911.3	840.8	795.2	788.5
70°	713.9	724.7	767.8	830.0	873.9	894.7	876.4	841.6	767.0	723.0	715.6
72.5°	630.2	636.8	686.5	737.1	791.9	816.7	793.5	748.7	684.1	631.0	627.7
75°	514.9	526.5	582.1	628.5	679.9	706.4	689.0	636.8	575.4	518.2	514.1
77.5°	393.9	398.0	455.2	509.1	552.2	576.3	562.2	512.4	449.4	393.0	388.0
80°	261.2	264.5	310.1	359.0	400.5	427.0	410.4	365.7	296.8	256.2	250.4
82.5°	112.8	115.3	142.6	184.1	221.4	244.6	231.3	189.0	131.0	106.1	100.3
85°	9.1	8.3	9.1	10.8	10.8	22.4	19.1	16.6	6.6	8.3	6.6
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)