Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P887614

Luminaire Tested: **TT-D2-735-U-MQ-TC**

Issue Date: 10/9/2024

Report Generated By 670246001

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P887614
	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-D2-735-U-MQ-TC
Description:	MQ
	3500K, 70 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4367 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:	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

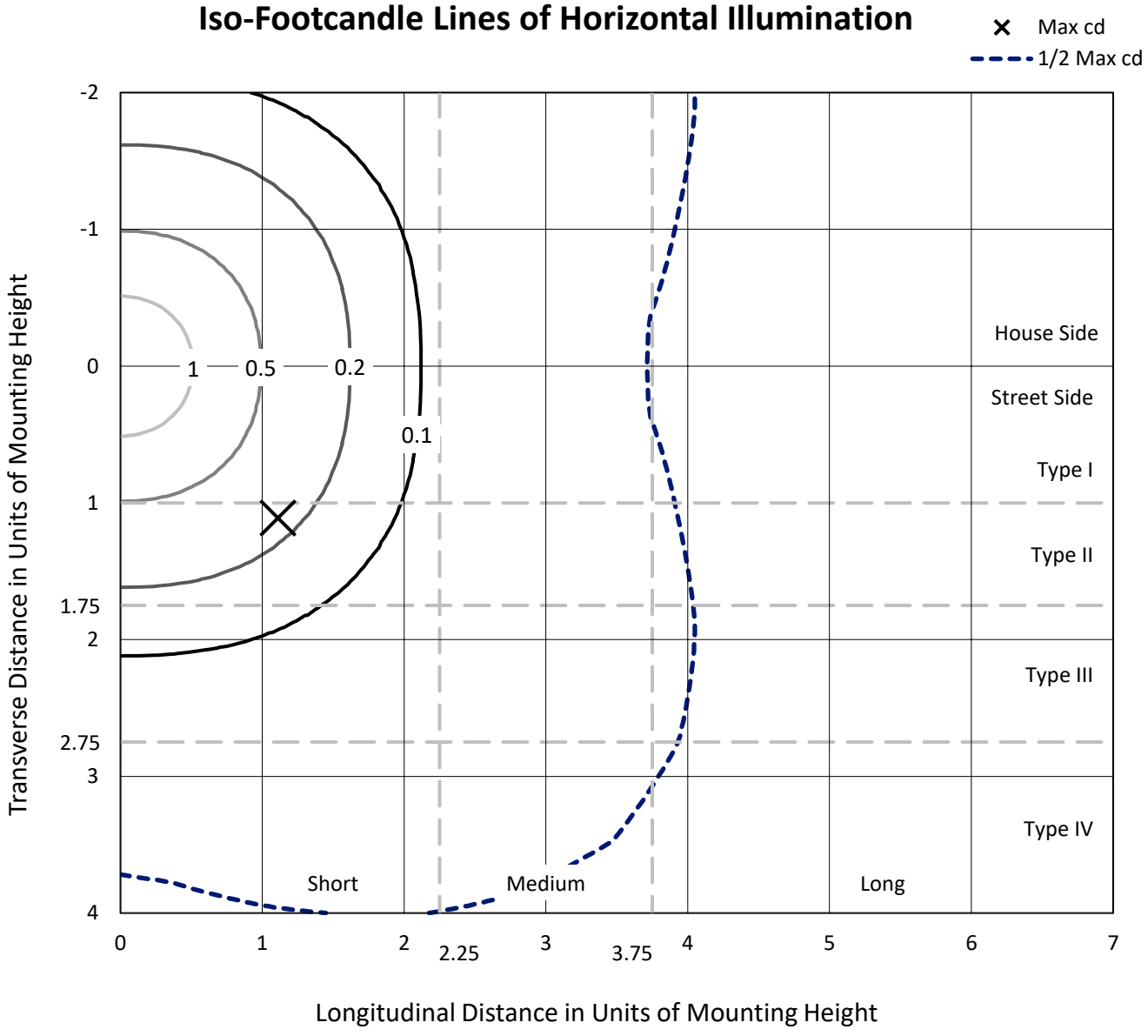


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Iso-Footcandle Lines of Horizontal Illumination



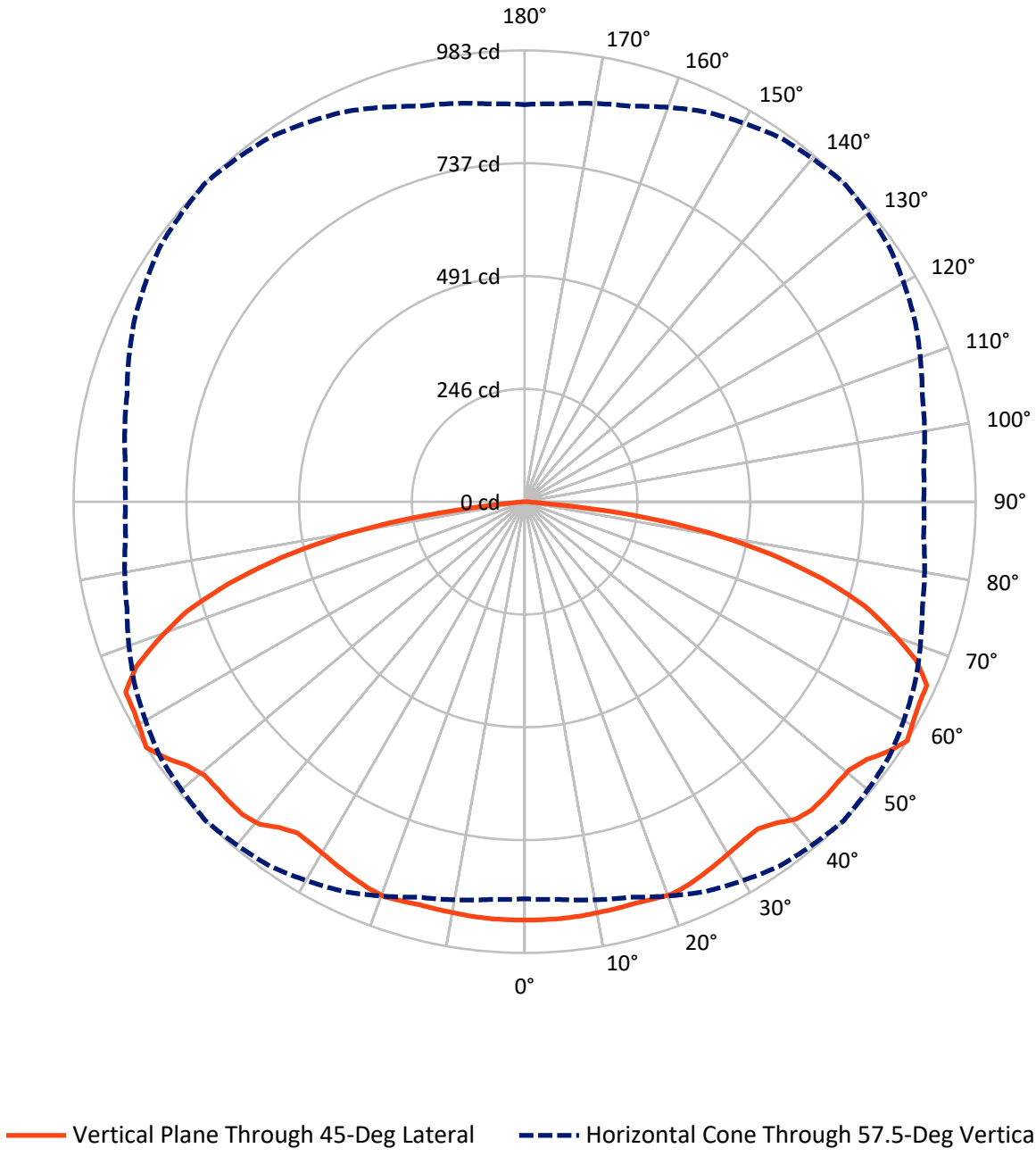
Based on 25 foot mounting height. Maximum calculated value = 1.5 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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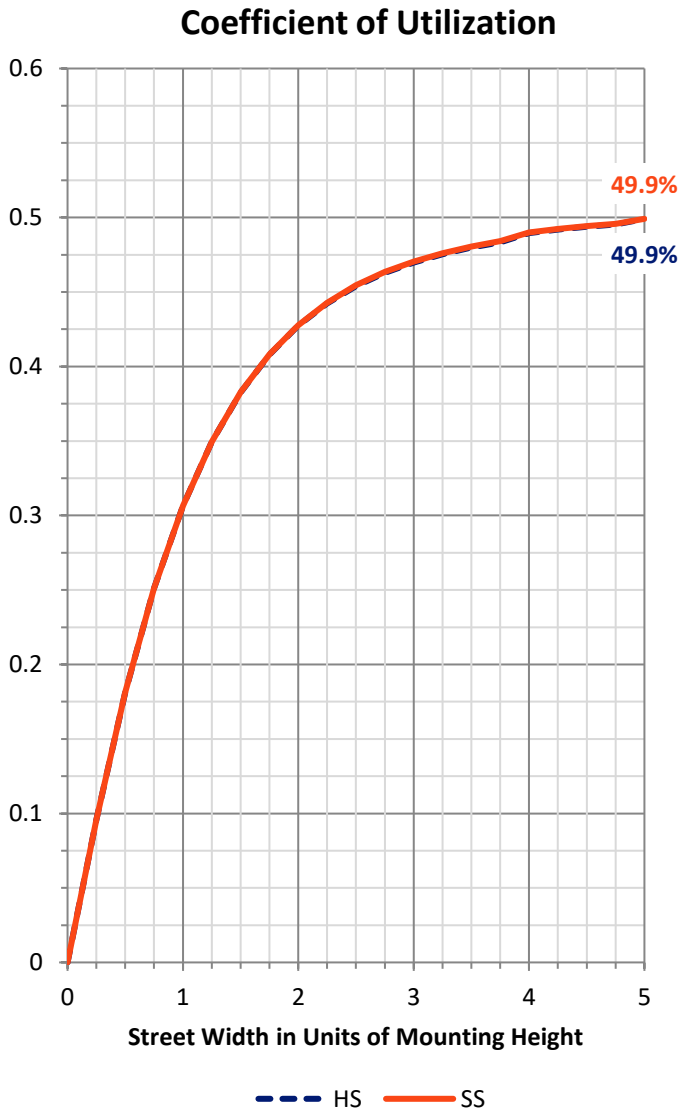
REPORT NUMBER: P887614
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2183.5	0.0	2183.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2183.5	0.0	2183.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4367.0	0.0	4367.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.9	2.0
10°-20°	257.4	5.9
20°-30°	414.9	9.5
30°-40°	550.6	12.6
40°-50°	691.6	15.8
50°-60°	815.6	18.7
60°-70°	856.1	19.6
70°-80°	601.8	13.8
80°-90°	92.0	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°	4367.0	100.0
0°-180°	4367.0	100.0



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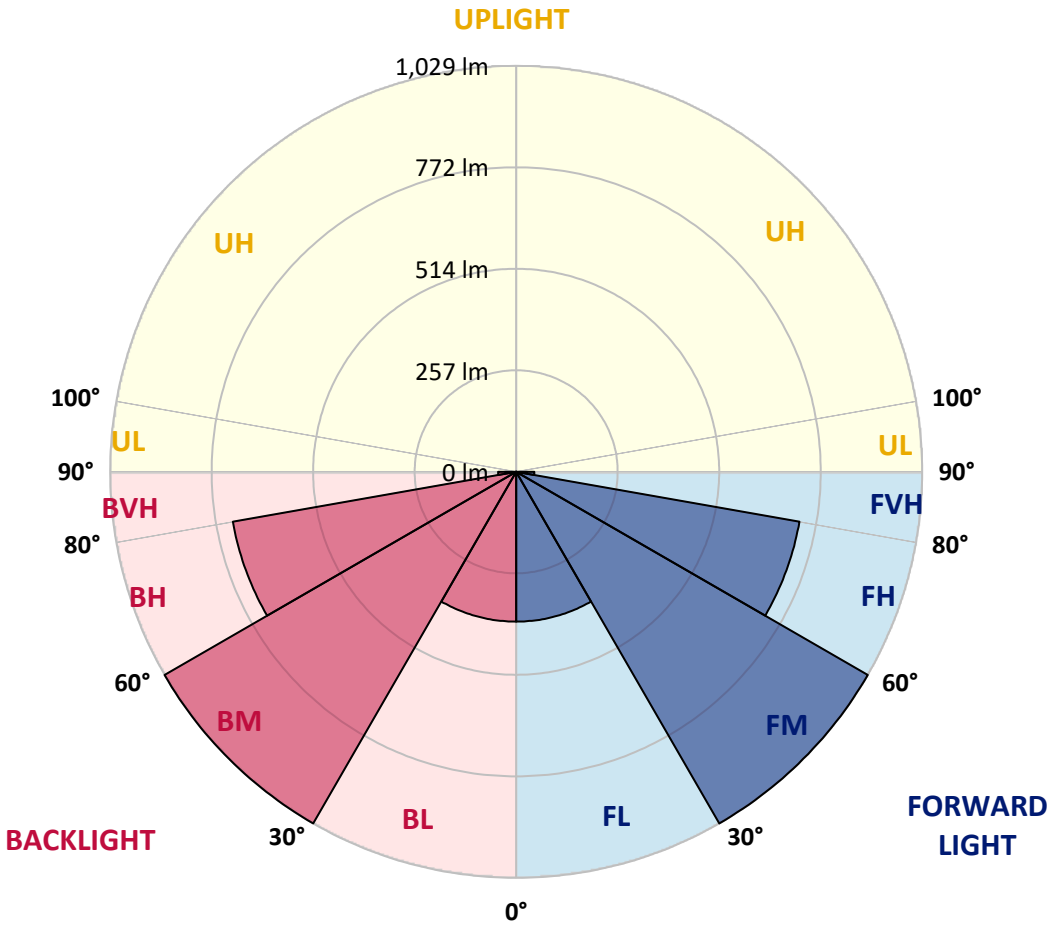
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	379.6	8.7			
FM	(30°-60°)	1028.9	23.6			
FH	(60°-80°)	728.9	16.7			G1/1800
FVH	(80°-90°)	46.0	1.1			G1/100
BL	(0°-30°)	379.6	8.7	B1/500		
BM	(30°-60°)	1028.9	23.6	B2/2500		
BH	(60°-80°)	728.9	16.7	B2/1000		G1/1800
BVH	(80°-90°)	46.0	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°	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1
2.5°	911.9	911.9	911.9	911.1	910.3	911.1	910.3	911.1	911.1	911.1	911.9
5°	911.9	911.9	911.9	911.1	911.1	911.1	911.1	911.1	911.1	911.1	911.1
7.5°	911.1	911.1	910.3	910.3	910.3	910.3	910.3	910.3	910.3	910.3	910.3
10°	910.3	910.3	909.6	909.6	908.8	908.8	908.8	909.6	909.6	909.6	909.6
12.5°	908.0	908.8	908.8	908.0	908.0	908.0	907.2	908.0	908.0	907.2	907.2
15°	906.4	907.2	907.2	907.2	907.2	907.2	906.4	907.2	906.4	906.4	906.4
17.5°	906.4	906.4	907.2	908.0	908.8	909.6	908.0	908.0	906.4	905.6	905.6
20°	908.0	908.0	908.8	909.6	911.9	912.7	911.9	909.6	908.8	907.2	907.2
22.5°	903.3	904.1	904.8	904.8	906.4	908.0	907.2	905.6	904.1	903.3	903.3
25°	897.0	897.0	897.0	898.6	900.1	900.1	899.3	898.6	897.0	896.2	896.2
27.5°	888.3	887.6	888.3	889.9	891.5	892.3	891.5	890.7	888.3	888.3	887.6
30°	878.9	878.1	879.7	881.3	883.6	884.4	883.6	882.0	879.7	878.9	878.1
32.5°	869.5	869.5	871.0	873.4	876.5	878.1	876.5	875.0	871.0	869.5	869.5
35°	860.8	860.8	864.8	869.5	873.4	875.0	873.4	871.0	866.3	862.4	862.4
37.5°	861.6	863.2	868.7	879.7	886.0	888.3	886.8	879.7	871.8	865.5	863.2
40°	873.4	875.0	884.4	895.4	905.6	909.6	906.4	897.0	886.0	876.5	875.0
42.5°	874.2	875.0	886.0	900.1	911.9	917.4	913.5	901.7	888.3	877.3	875.8
45°	867.9	870.3	882.8	899.3	911.9	917.4	911.9	901.7	885.2	872.6	871.8
47.5°	861.6	863.2	877.3	895.4	910.3	915.9	911.1	897.0	878.9	865.5	864.8
50°	856.9	858.5	871.0	894.6	911.1	917.4	911.9	897.0	875.0	861.6	860.8
52.5°	855.3	856.9	877.3	902.5	927.6	933.1	926.9	904.1	880.5	860.0	860.0
55°	859.3	860.0	887.6	925.3	948.9	960.7	950.4	926.1	893.1	866.3	863.2
57.5°	864.8	869.5	891.5	936.3	968.5	982.7	969.3	937.9	897.0	872.6	869.5
60°	845.9	853.0	883.6	922.1	959.1	972.5	961.4	926.9	883.6	852.2	851.4
62.5°	812.1	815.2	856.9	905.6	948.1	965.4	950.4	912.7	860.0	827.0	823.1
65°	802.6	806.6	836.5	897.0	941.0	963.0	948.1	901.7	841.2	805.8	802.6
67.5°	745.3	753.9	797.1	850.6	900.1	919.0	904.8	864.0	797.1	753.9	747.6
70°	676.9	687.1	728.0	786.9	828.6	848.2	830.9	797.9	727.2	685.5	678.4
72.5°	597.5	603.8	650.9	698.9	750.8	774.3	752.3	709.9	648.6	598.3	595.1
75°	488.2	499.2	551.9	595.9	644.6	669.8	653.3	603.8	545.6	491.3	487.4
77.5°	373.4	377.3	431.6	482.7	523.6	546.4	533.0	485.8	426.1	372.6	367.9
80°	247.6	250.8	294.0	340.4	379.7	404.9	389.1	346.7	281.4	242.9	237.4
82.5°	106.9	109.3	135.2	174.5	209.9	231.9	219.3	179.2	124.2	100.6	95.1
85°	8.6	7.9	8.6	10.2	10.2	21.2	18.1	15.7	6.3	7.9	6.3
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)