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: P887522

Luminaire Tested: **TT-D1-735-U-CQ-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:	P887522
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-3)
Test Lab:	INNOVATION CENTER
Issue Date:	10/9/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	TT-D1-735-U-CQ-TC
Description:	CQ
	3500K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3301 lumens
Efficiency:	N/A
Efficacy:	117.9 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	28
Input Voltage (V):	120.0
Input Current (Ain):	0.23
Voltage Rise (V):	NR
Power Factor:	0.979
Total Harmonic Distortion (THDi):	13.3%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

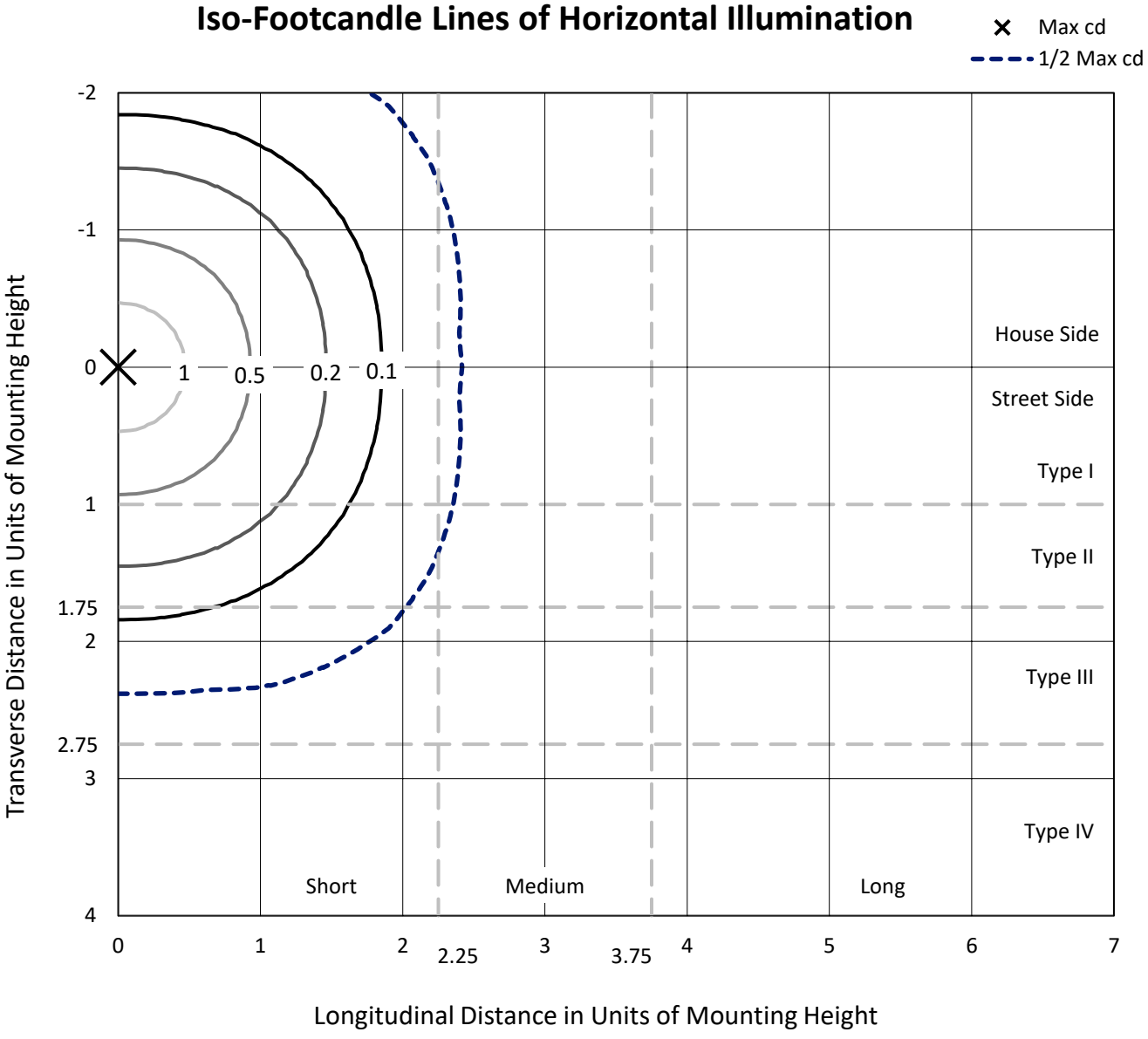


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Iso-Footcandle Lines of Horizontal Illumination



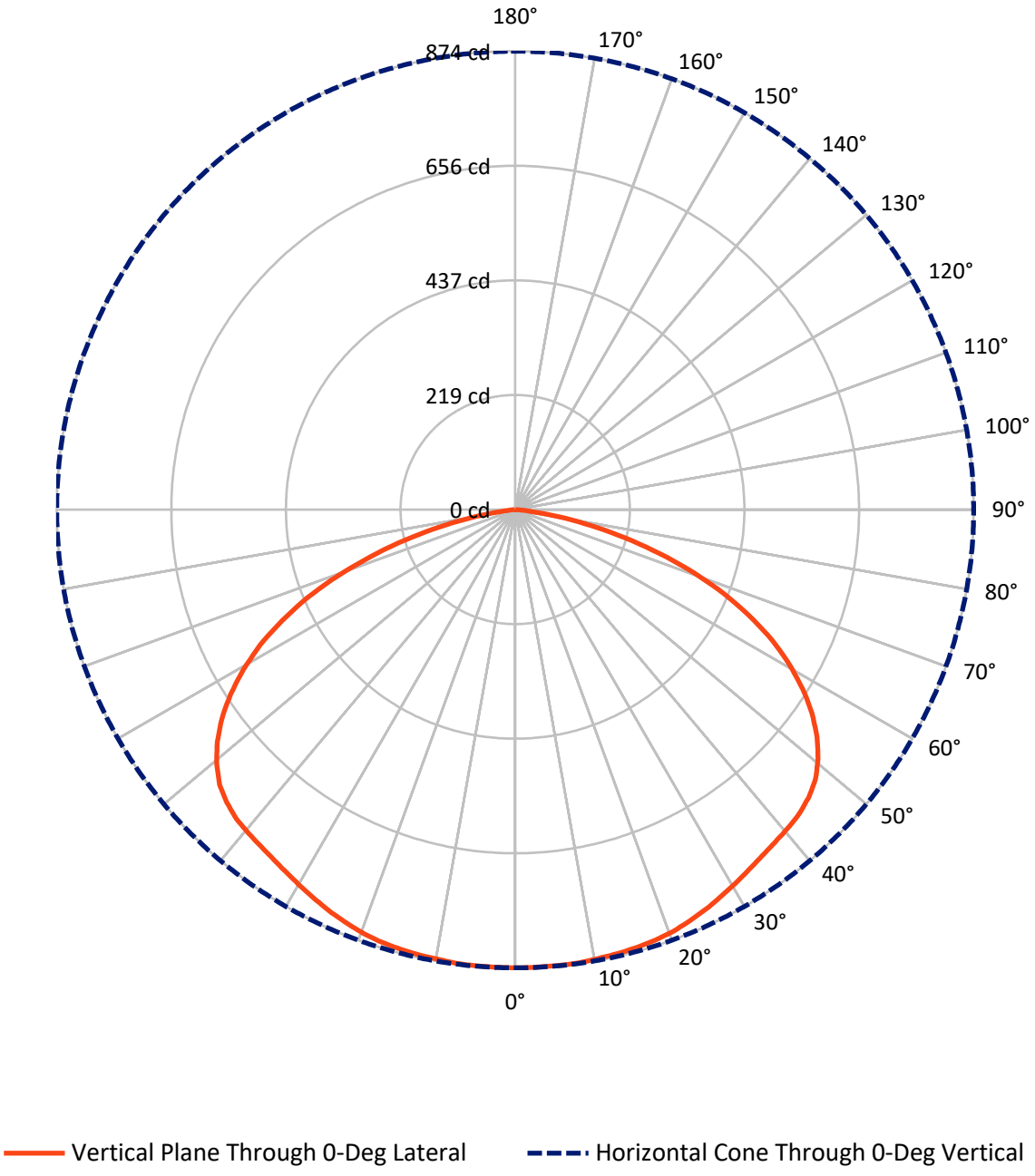
Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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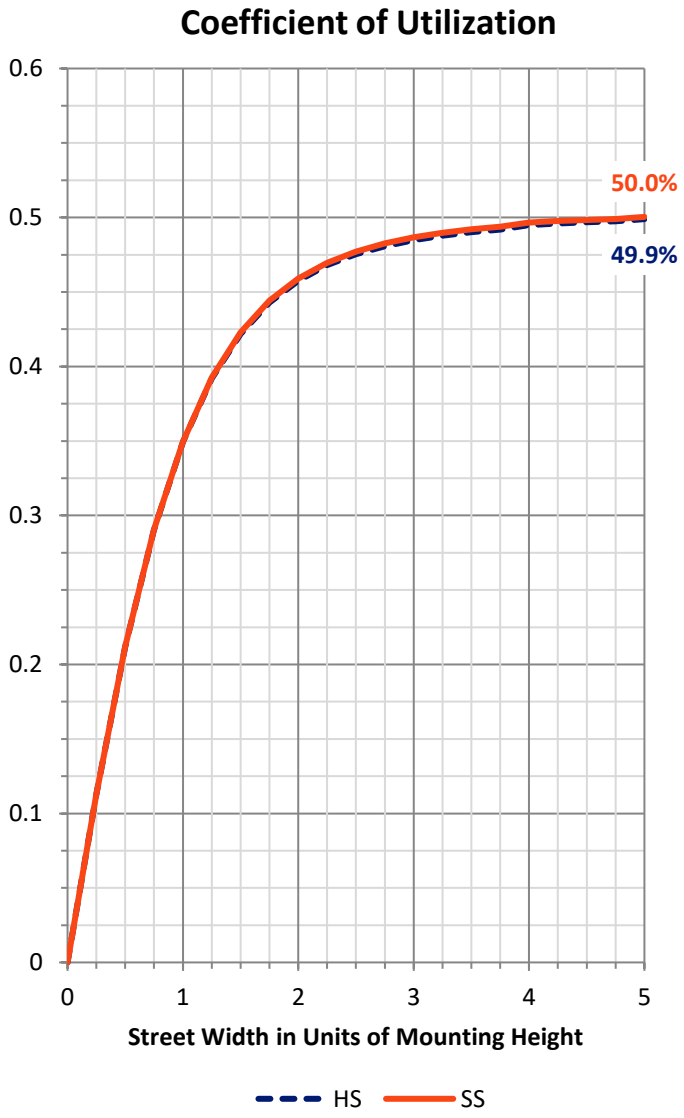
REPORT NUMBER: P887522
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1650.5	0.0	1650.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1650.5	0.0	1650.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3301.0	0.0	3301.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.3	2.5
10°-20°	245.5	7.4
20°-30°	391.2	11.9
30°-40°	514.0	15.6
40°-50°	619.4	18.8
50°-60°	646.0	19.6
60°-70°	522.7	15.8
70°-80°	253.4	7.7
80°-90°	25.5	0.8
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°	3301.0	100.0
0°-180°	3301.0	100.0



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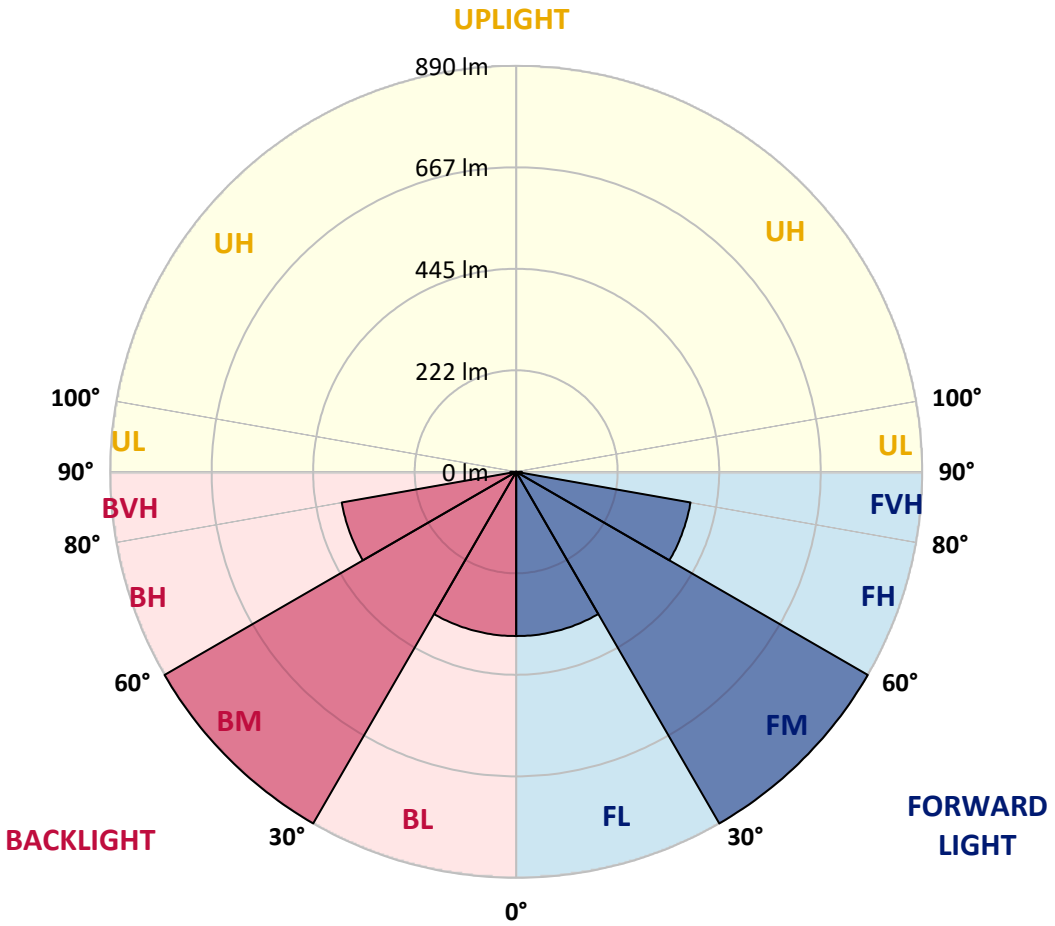
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	360.0	10.9			
FM	(30°-60°)	889.7	27.0			
FH	(60°-80°)	388.0	11.8			G0/660
FVH	(80°-90°)	12.7	0.4			G1/100
BL	(0°-30°)	360.0	10.9	B1/500		
BM	(30°-60°)	889.7	27.0	B1/1000		
BH	(60°-80°)	388.0	11.8	B1/500		G0/660
BVH	(80°-90°)	12.7	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	874.4	874.4	874.4	874.4	874.4	874.4	874.4	874.4	874.4	874.4	874.4
2.5°	873.8	873.8	873.8	873.2	873.2	873.2	873.2	873.8	873.8	873.8	873.8
5°	873.8	873.8	873.8	873.8	873.2	873.2	873.2	873.8	873.8	873.8	873.8
7.5°	873.2	873.2	873.2	872.6	872.6	872.6	872.6	872.6	872.6	872.6	872.6
10°	870.9	870.9	871.5	870.9	870.9	870.9	870.9	871.5	870.9	870.9	870.9
12.5°	869.2	869.2	869.2	869.2	868.6	869.2	868.6	868.6	868.6	868.6	868.6
15°	866.9	867.4	866.9	866.9	867.4	867.4	866.9	866.9	866.3	866.3	866.3
17.5°	864.0	864.0	864.5	864.5	865.1	865.1	864.5	864.5	864.0	863.4	863.4
20°	859.3	859.9	859.9	860.5	861.1	861.7	861.1	860.5	859.9	859.3	858.8
22.5°	852.4	853.0	853.6	854.7	855.3	855.9	854.7	854.1	853.6	853.0	853.0
25°	844.9	845.5	846.1	847.2	847.8	848.4	847.8	846.6	846.1	845.5	845.5
27.5°	836.2	836.8	837.4	839.1	839.7	840.3	839.1	838.0	836.8	836.2	836.2
30°	827.6	828.2	829.3	831.0	832.8	833.4	831.0	829.9	828.2	827.0	827.0
32.5°	818.9	819.5	820.7	824.1	825.8	826.4	825.3	823.0	820.1	818.3	817.8
35°	811.4	812.6	814.9	818.9	821.2	822.4	821.2	817.8	813.7	810.8	810.8
37.5°	805.1	806.8	810.3	816.0	820.7	821.8	820.1	815.5	809.7	805.6	805.1
40°	799.9	801.6	806.8	814.3	820.7	822.4	820.1	813.7	806.2	801.0	799.9
42.5°	794.1	795.8	802.7	812.0	819.5	822.4	819.5	811.4	801.6	794.7	794.1
45°	784.3	786.6	794.7	806.8	816.0	819.5	816.0	806.8	794.7	786.6	786.0
47.5°	770.4	772.7	782.0	797.6	808.5	813.7	810.3	799.3	786.0	775.6	774.4
50°	748.5	752.5	762.3	781.4	794.1	801.6	798.7	786.6	771.0	760.0	758.9
52.5°	720.7	724.8	736.9	758.3	772.7	782.5	779.6	766.4	750.2	736.3	735.8
55°	687.2	691.9	704.6	729.4	745.6	756.5	753.1	737.5	719.6	704.0	703.4
57.5°	646.8	652.6	666.5	692.4	710.9	723.6	718.4	702.3	681.5	663.6	664.1
60°	601.2	607.5	622.0	649.1	668.8	680.9	676.3	658.4	636.4	617.4	617.9
62.5°	551.0	555.0	569.4	597.7	617.4	631.2	624.3	605.8	583.3	563.7	566.5
65°	492.0	496.1	509.9	538.2	556.7	570.6	563.7	544.6	521.5	500.7	505.3
67.5°	430.2	431.4	441.8	471.3	488.6	501.9	494.4	475.9	453.9	434.9	438.3
70°	360.9	359.8	370.8	397.9	412.9	425.1	417.5	400.2	380.6	362.7	366.1
72.5°	288.8	287.6	296.3	321.1	330.9	344.8	337.8	321.7	306.1	288.2	291.6
75°	217.7	215.4	222.9	243.7	251.8	263.9	257.6	243.1	230.4	214.3	218.3
77.5°	148.4	146.7	152.5	169.8	175.0	187.1	178.5	168.6	158.2	142.1	147.8
80°	85.5	83.7	87.2	101.6	105.1	113.2	107.4	99.9	91.8	80.9	84.3
82.5°	31.8	32.9	34.7	43.9	47.4	54.9	49.1	43.3	37.5	30.6	32.9
85°	2.3	2.3	2.3	3.5	4.6	7.5	5.2	4.0	2.9	1.7	2.9
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)