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: P887552

Luminaire Tested: **TT-D1-830-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:	P887552
	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-D1-830-U-CQ-TC
Description:	CQ
	3000K, 80 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3120 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:	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

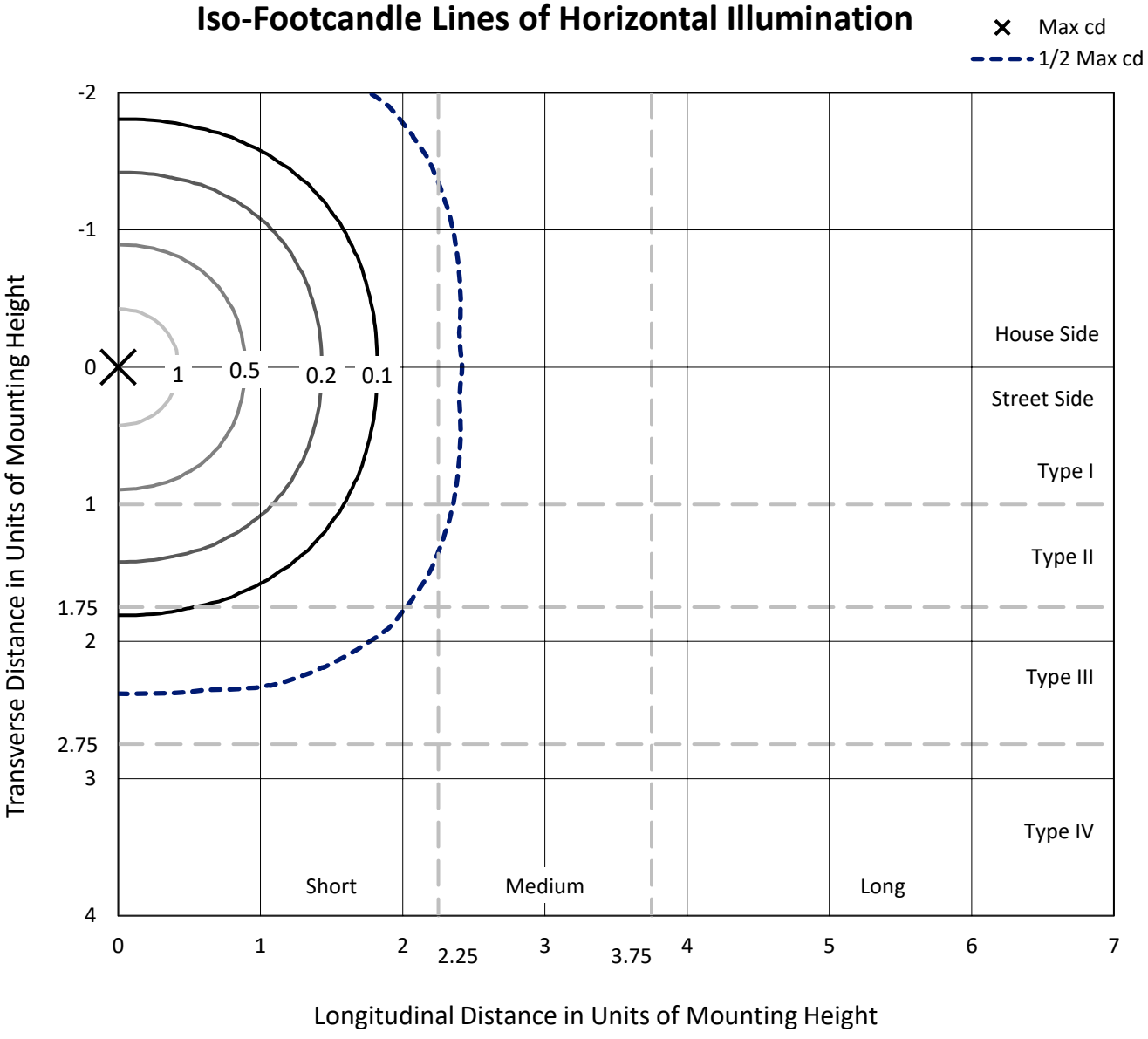


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Iso-Footcandle Lines of Horizontal Illumination



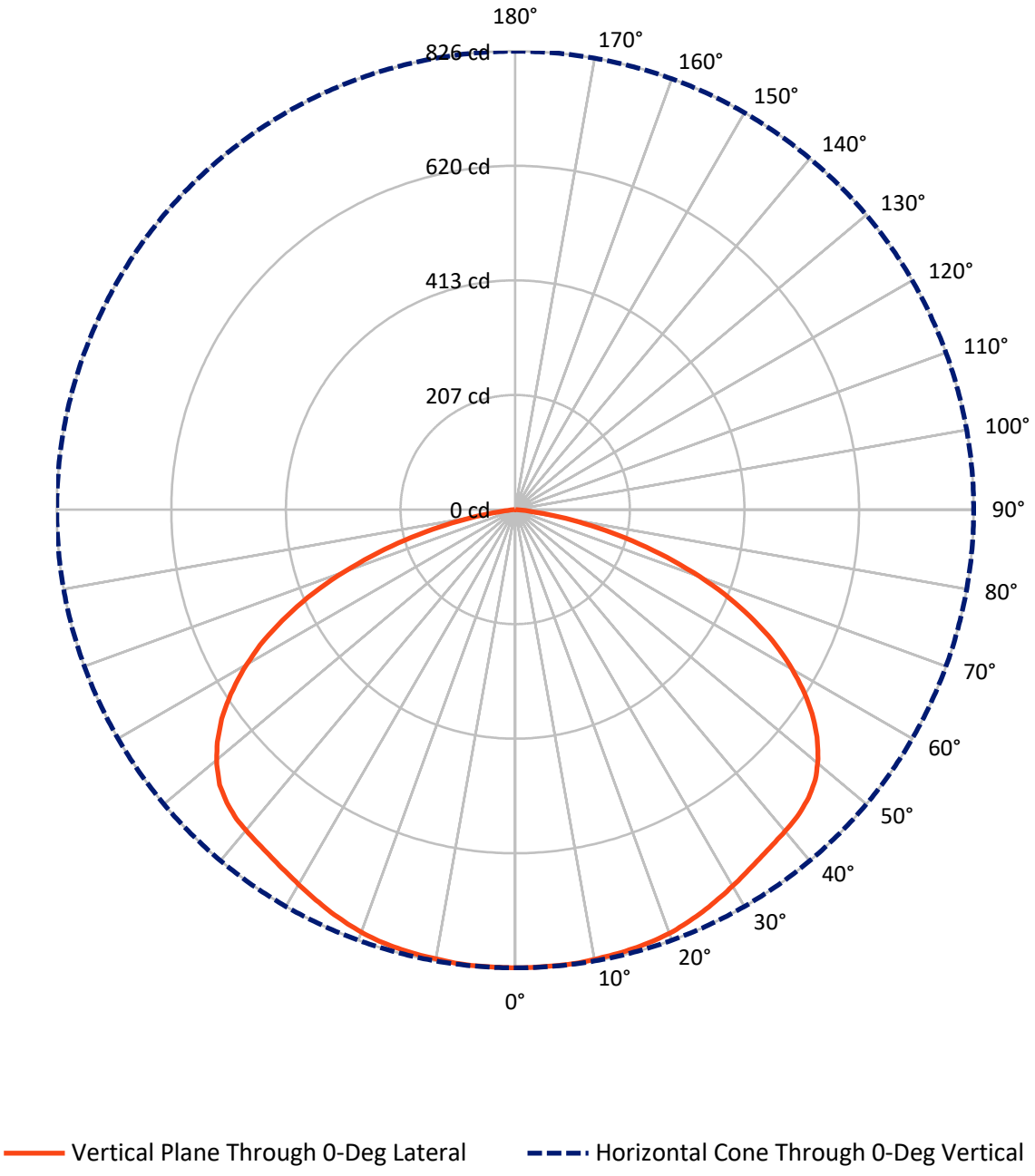
Based on 25 foot mounting height. Maximum calculated value = 1.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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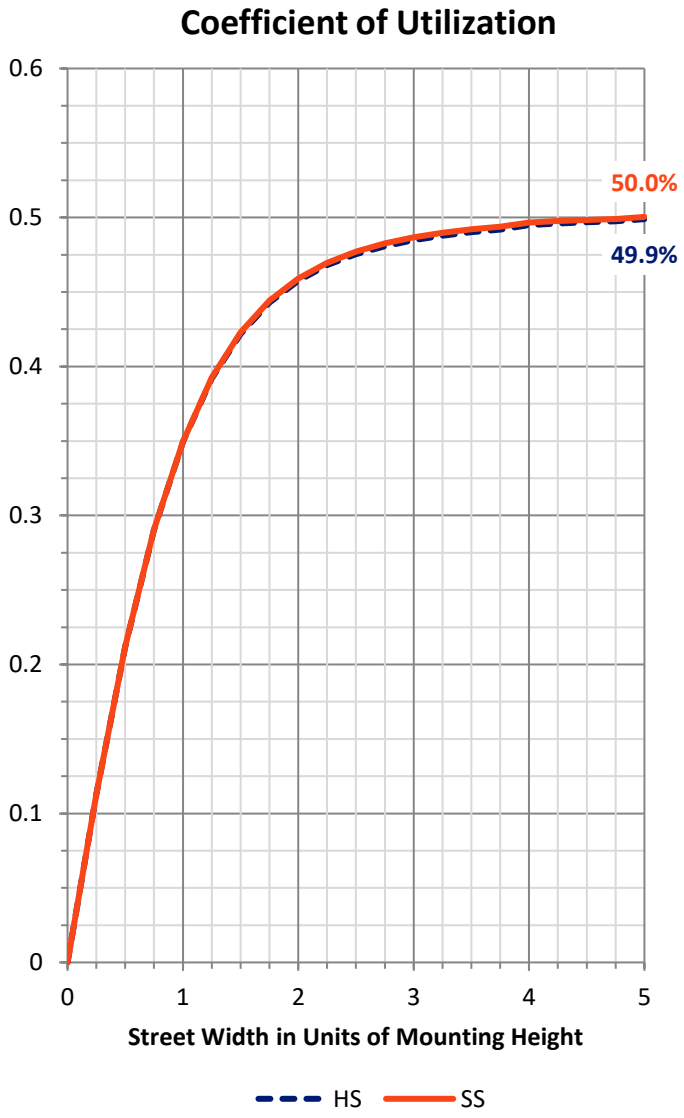
REPORT NUMBER: P887552
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1560.0	0.0	1560.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1560.0	0.0	1560.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3120.0	0.0	3120.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.7	2.5
10°-20°	232.0	7.4
20°-30°	369.8	11.9
30°-40°	485.9	15.6
40°-50°	585.4	18.8
50°-60°	610.6	19.6
60°-70°	494.1	15.8
70°-80°	239.5	7.7
80°-90°	24.1	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°	3120.0	100.0
0°-180°	3120.0	100.0



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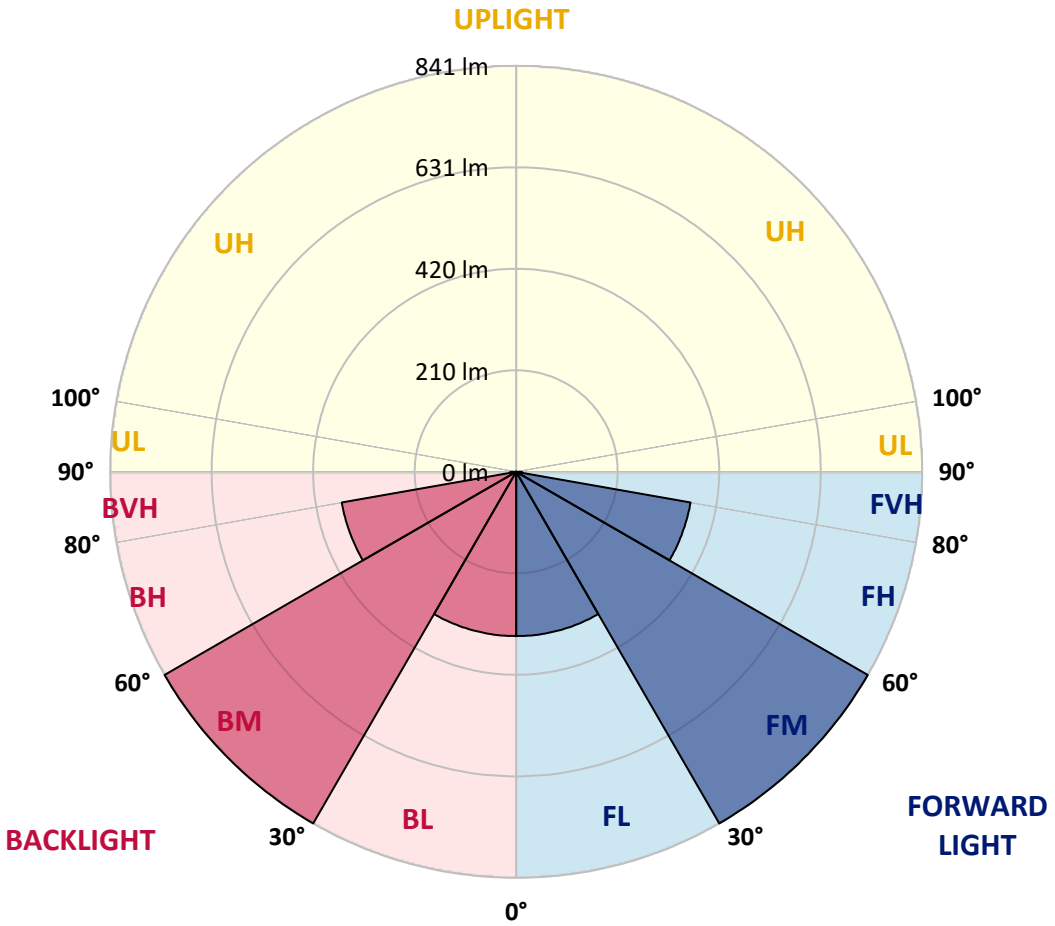
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	340.3	10.9			
FM	(30°-60°)	840.9	27.0			
FH	(60°-80°)	366.8	11.8			G0/660
FVH	(80°-90°)	12.0	0.4			G1/100
BL	(0°-30°)	340.3	10.9	B1/500		
BM	(30°-60°)	840.9	27.0	B1/1000		
BH	(60°-80°)	366.8	11.8	B1/500		G0/660
BVH	(80°-90°)	12.0	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°	826.4	826.4	826.4	826.4	826.4	826.4	826.4	826.4	826.4	826.4	826.4
2.5°	825.9	825.9	825.9	825.3	825.3	825.3	825.3	825.9	825.9	825.9	825.9
5°	825.9	825.9	825.9	825.9	825.3	825.3	825.3	825.9	825.9	825.9	825.9
7.5°	825.3	825.3	825.3	824.8	824.8	824.8	824.8	824.8	824.8	824.8	824.8
10°	823.1	823.1	823.7	823.1	823.1	823.1	823.1	823.7	823.1	823.1	823.1
12.5°	821.5	821.5	821.5	821.5	821.0	821.5	821.0	821.0	821.0	821.0	821.0
15°	819.3	819.9	819.3	819.3	819.9	819.9	819.3	819.3	818.8	818.8	818.8
17.5°	816.6	816.6	817.1	817.1	817.7	817.7	817.1	817.1	816.6	816.0	816.0
20°	812.2	812.8	812.8	813.3	813.9	814.4	813.9	813.3	812.8	812.2	811.7
22.5°	805.7	806.2	806.8	807.9	808.4	808.9	807.9	807.3	806.8	806.2	806.2
25°	798.6	799.1	799.7	800.8	801.3	801.9	801.3	800.2	799.7	799.1	799.1
27.5°	790.4	790.9	791.5	793.1	793.7	794.2	793.1	792.0	790.9	790.4	790.4
30°	782.2	782.7	783.8	785.5	787.1	787.7	785.5	784.4	782.7	781.7	781.7
32.5°	774.0	774.6	775.7	778.9	780.6	781.1	780.0	777.8	775.1	773.5	772.9
35°	766.9	768.0	770.2	774.0	776.2	777.3	776.2	772.9	769.1	766.4	766.4
37.5°	760.9	762.6	765.8	771.3	775.7	776.7	775.1	770.7	765.3	761.5	760.9
40°	756.0	757.6	762.6	769.6	775.7	777.3	775.1	769.1	762.0	757.1	756.0
42.5°	750.5	752.2	758.7	767.5	774.6	777.3	774.6	766.9	757.6	751.1	750.5
45°	741.3	743.4	751.1	762.6	771.3	774.6	771.3	762.6	751.1	743.4	742.9
47.5°	728.2	730.3	739.1	753.8	764.2	769.1	765.8	755.5	742.9	733.1	732.0
50°	707.4	711.2	720.5	738.5	750.5	757.6	754.9	743.4	728.7	718.3	717.2
52.5°	681.2	685.0	696.5	716.7	730.3	739.6	736.9	724.3	709.1	696.0	695.4
55°	649.6	653.9	665.9	689.4	704.7	715.1	711.8	697.1	680.1	665.4	664.8
57.5°	611.4	616.8	629.9	654.5	671.9	684.0	679.0	663.8	644.1	627.2	627.7
60°	568.2	574.2	587.9	613.5	632.1	643.6	639.2	622.3	601.5	583.5	584.1
62.5°	520.7	524.6	538.2	565.0	583.5	596.6	590.1	572.6	551.3	532.7	535.5
65°	465.1	468.9	482.0	508.7	526.2	539.3	532.7	514.7	492.9	473.3	477.6
67.5°	406.7	407.8	417.6	445.4	461.8	474.3	467.2	449.8	429.0	411.0	414.3
70°	341.2	340.1	350.4	376.1	390.3	401.7	394.6	378.3	359.7	342.8	346.1
72.5°	272.9	271.8	280.0	303.5	312.8	325.9	319.3	304.0	289.3	272.4	275.7
75°	205.8	203.6	210.7	230.3	238.0	249.5	243.4	229.8	217.8	202.5	206.3
77.5°	140.3	138.6	144.1	160.5	165.4	176.9	168.7	159.4	149.6	134.3	139.7
80°	80.8	79.1	82.4	96.1	99.3	107.0	101.5	94.4	86.8	76.4	79.7
82.5°	30.0	31.1	32.8	41.5	44.8	51.9	46.4	40.9	35.5	28.9	31.1
85°	2.2	2.2	2.2	3.3	4.4	7.1	4.9	3.8	2.7	1.6	2.7
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)