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: P887525

Luminaire Tested: **TT-D1-735-U-RW-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:	P887525
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-5)
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-RW-TC
Description:	RW
	3500K, 70 CRI LEDS, RECTANGULAR DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2623 lumens
Efficiency:	N/A
Efficacy:	93.7 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

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

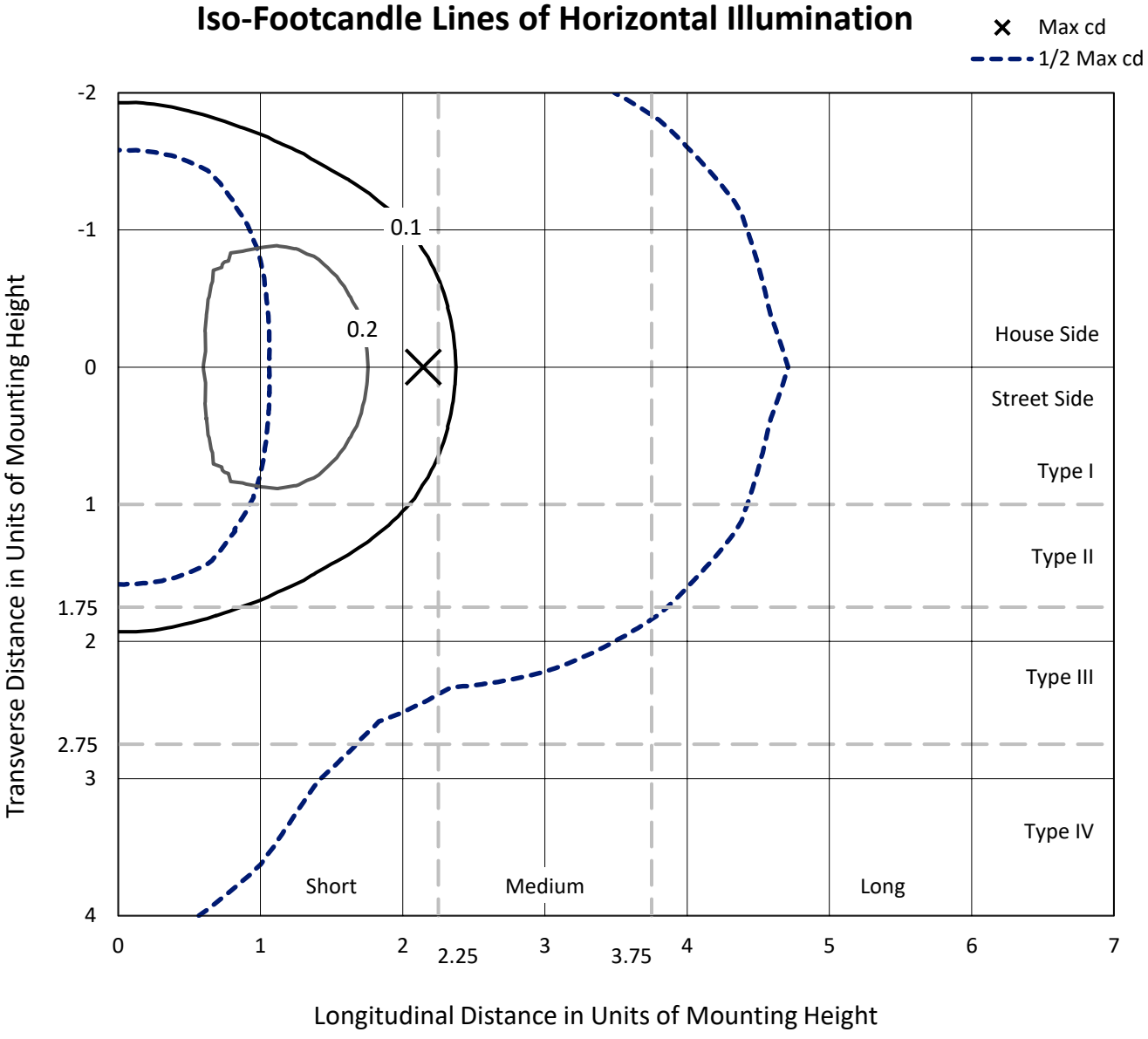


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Iso-Footcandle Lines of Horizontal Illumination



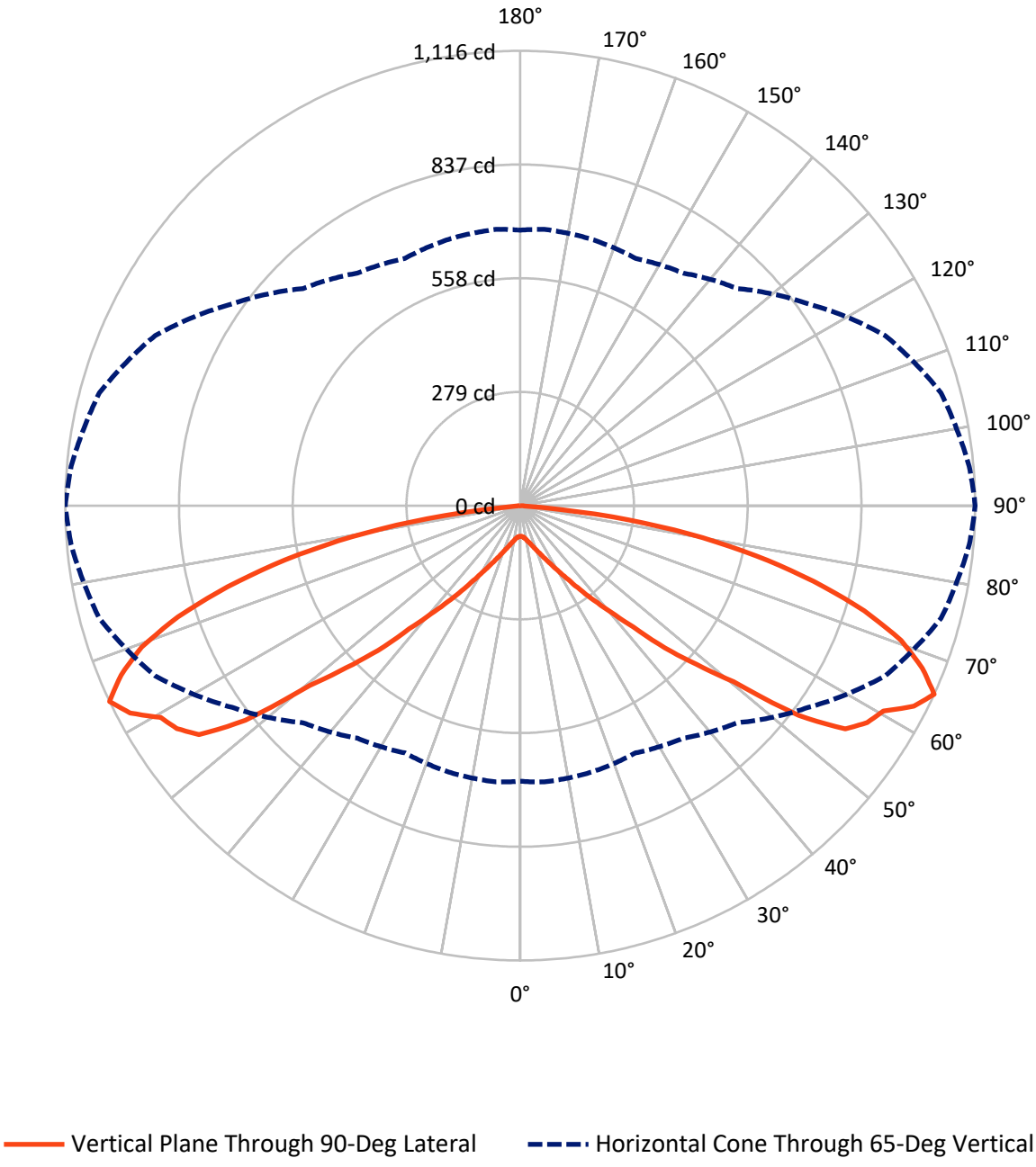
Based on 25 foot mounting height. Maximum calculated value = 0.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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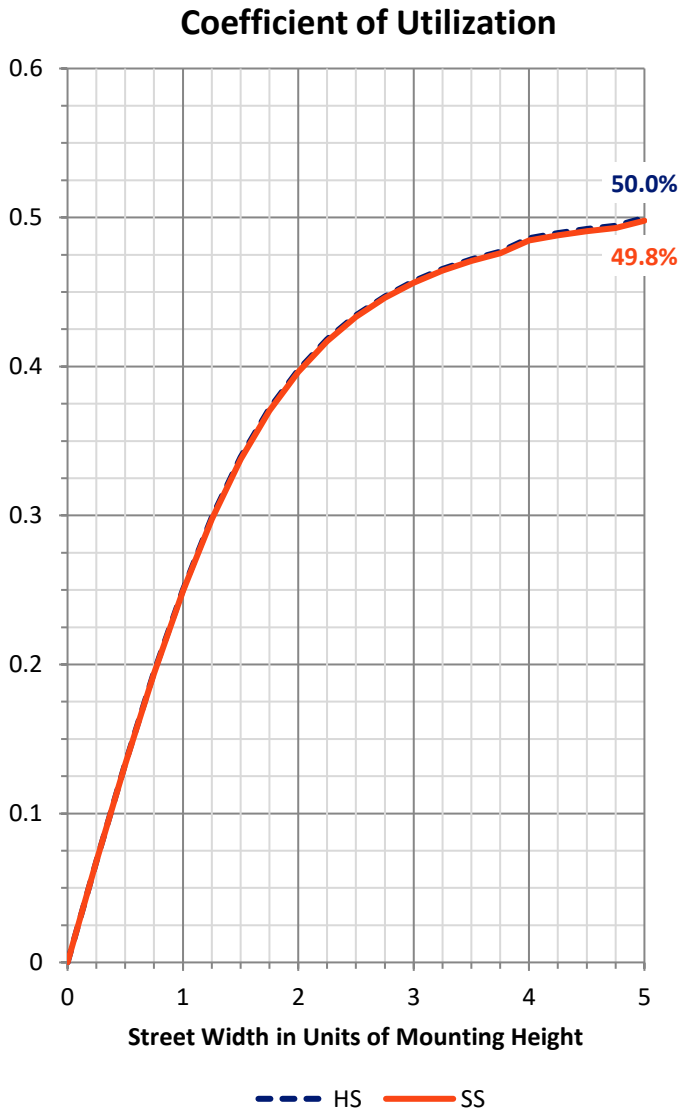
REPORT NUMBER: P887525
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1311.5	0.0	1311.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1311.5	0.0	1311.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2623.0	0.0	2623.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.6	0.3
10°-20°	27.8	1.1
20°-30°	64.2	2.4
30°-40°	139.9	5.3
40°-50°	302.6	11.5
50°-60°	593.1	22.6
60°-70°	801.8	30.6
70°-80°	601.2	22.9
80°-90°	84.8	3.2
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°	2623.0	100.0
0°-180°	2623.0	100.0



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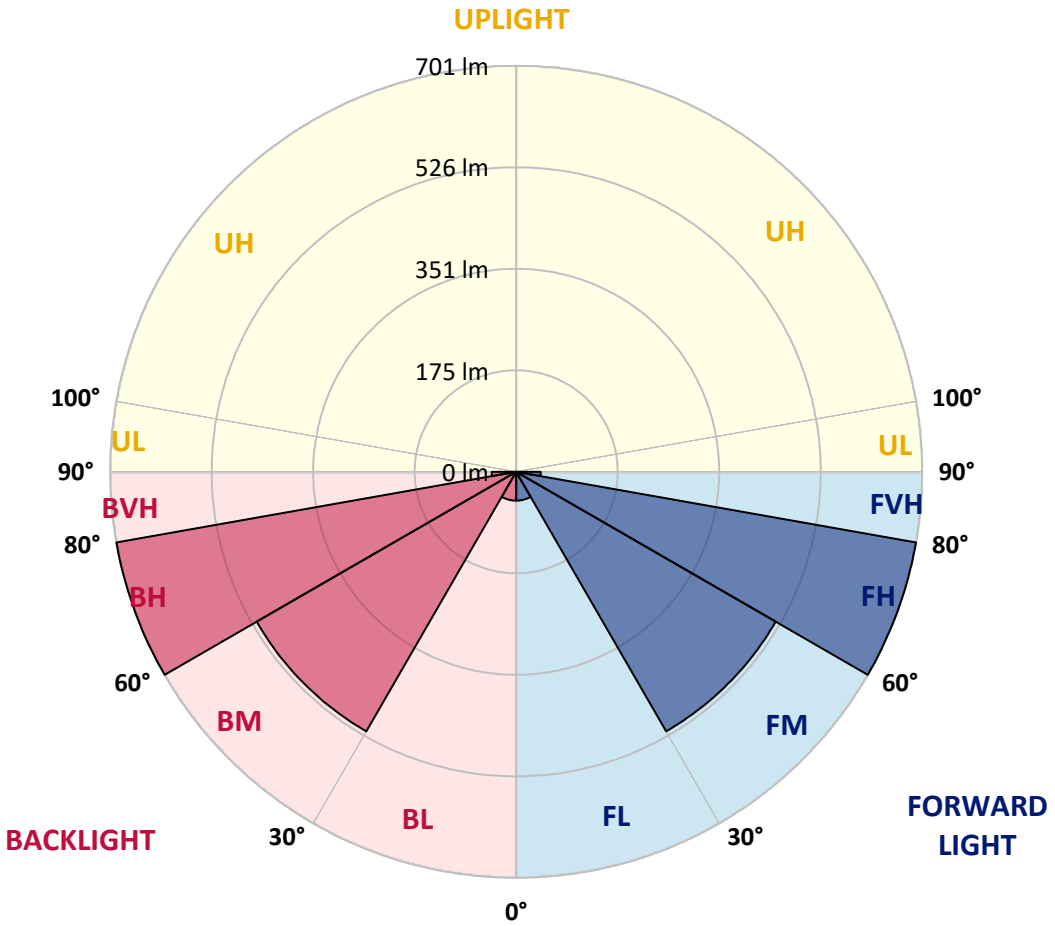
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	49.8	1.9			
FM	(30°-60°)	517.8	19.7			
FH	(60°-80°)	701.5	26.7			G1/1800
FVH	(80°-90°)	42.4	1.6			G1/100
BL	(0°-30°)	49.8	1.9	B0/110		
BM	(30°-60°)	517.8	19.7	B1/1000		
BH	(60°-80°)	701.5	26.7	B2/1000		G2/1000
BVH	(80°-90°)	42.4	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	*75.1*
2.5°	75.9	75.9	75.9	75.9	75.6	75.9	75.6	75.6	75.6	75.6	*75.6*
5°	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.4	*77.4*
7.5°	79.7	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.3	*80.3*
10°	83.7	84.0	84.3	84.3	84.3	84.6	85.2	85.2	85.2	84.9	*85.5*
12.5°	88.3	88.6	88.6	88.9	89.5	89.5	89.8	90.4	90.7	90.7	*91.2*
15°	93.8	94.4	94.4	94.4	95.6	95.8	96.4	97.0	97.6	97.6	*98.2*
17.5°	100.2	101.0	100.8	101.0	102.5	103.1	104.2	104.8	106.2	106.8	*107.4*
20°	108.0	108.8	108.6	109.1	110.3	111.7	112.9	115.2	116.6	116.6	*117.8*
22.5°	117.5	118.4	117.8	118.1	119.8	121.0	123.6	125.9	128.2	129.3	*130.5*
25°	128.5	129.6	128.8	129.3	131.1	132.5	135.7	139.7	142.3	144.3	*146.1*
27.5°	143.2	144.3	143.5	143.5	145.8	146.9	151.6	156.2	160.5	162.5	*164.0*
30°	159.4	161.1	159.7	159.7	162.2	163.4	168.9	175.8	181.9	185.3	*187.7*
32.5°	178.4	179.3	178.1	178.4	180.4	182.5	190.8	200.4	208.7	213.1	*215.9*
35°	200.6	202.4	199.5	198.9	202.1	206.1	216.8	231.2	243.7	249.7	*252.9*
37.5°	226.6	227.5	224.6	224.0	228.9	234.7	249.7	268.8	282.6	290.7	*295.1*
40°	256.4	259.0	254.3	254.6	259.5	268.2	287.5	310.4	329.1	338.9	*343.6*
42.5°	288.7	293.9	287.8	287.3	296.2	307.5	330.8	360.3	388.3	402.7	*406.5*
45°	324.5	332.3	326.5	325.9	338.1	352.8	385.7	430.7	467.1	493.7	*498.3*
47.5°	366.1	373.6	366.6	368.4	382.5	406.2	450.4	504.9	549.1	578.0	*582.0*
50°	414.6	415.7	411.4	413.1	438.0	468.8	523.1	582.3	647.0	676.4	*678.4*
52.5°	461.9	458.5	455.3	461.1	491.7	530.3	598.2	695.8	786.7	844.7	*855.1*
55°	508.7	503.2	502.9	511.6	550.6	604.2	691.4	814.1	907.1	955.6	*967.1*
57.5°	553.4	551.1	551.4	558.6	607.7	675.8	777.5	889.2	964.8	997.7	*1003.5*
60°	596.7	600.8	597.9	609.7	662.9	731.0	809.8	918.1	991.7	1020.3	*1023.2*
62.5°	638.9	642.9	641.8	651.3	686.8	744.0	827.1	953.3	1038.2	1078.9	*1083.2*
65°	*675.8*	*680.2*	*676.4*	*669.2*	*696.3*	*752.9*	*862.6*	*987.4*	*1068.2*	*1105.1*	*1115.5*
67.5°	703.0	704.1	690.0	670.9	686.2	733.0	838.7	958.2	1028.6	1052.9	*1063.0*
70°	718.0	709.3	683.6	646.7	637.7	673.8	778.6	883.7	956.2	981.0	*990.8*
72.5°	701.3	688.8	643.2	584.6	556.0	583.8	686.2	785.3	845.0	870.1	*882.3*
75°	642.4	623.6	564.7	492.2	452.4	479.2	570.5	659.1	710.5	729.8	*743.7*
77.5°	526.3	512.2	452.4	378.5	337.5	356.8	435.9	505.5	557.8	571.6	*591.3*
80°	368.1	352.5	313.5	251.5	213.6	222.9	282.9	338.4	383.7	402.2	*420.3*
82.5°	182.2	170.3	156.2	121.8	93.5	94.1	128.2	154.5	194.9	211.3	*229.8*
85°	6.6	7.5	8.9	11.0	8.7	6.6	12.4	14.7	10.1	15.9	*9.8*
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)