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: P887645

Luminaire Tested: **TT-D2-830-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:	P887645
	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-D2-830-U-RW-TC
Description:	RW
	3000K, 80 CRI LEDS, RECTANGULAR DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3376 lumens
Efficiency:	N/A
Efficacy:	86.1 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

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

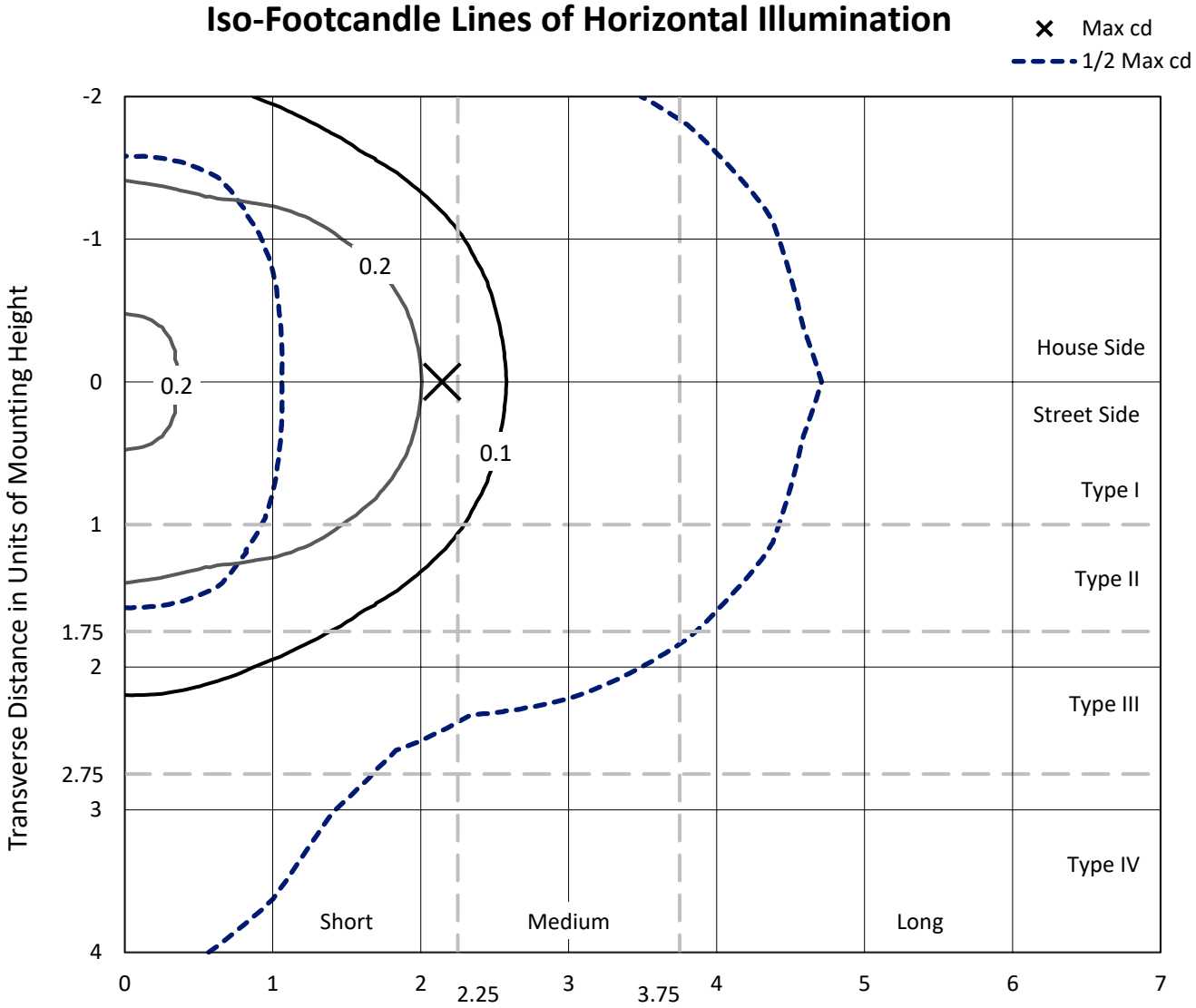


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Iso-Footcandle Lines of Horizontal Illumination



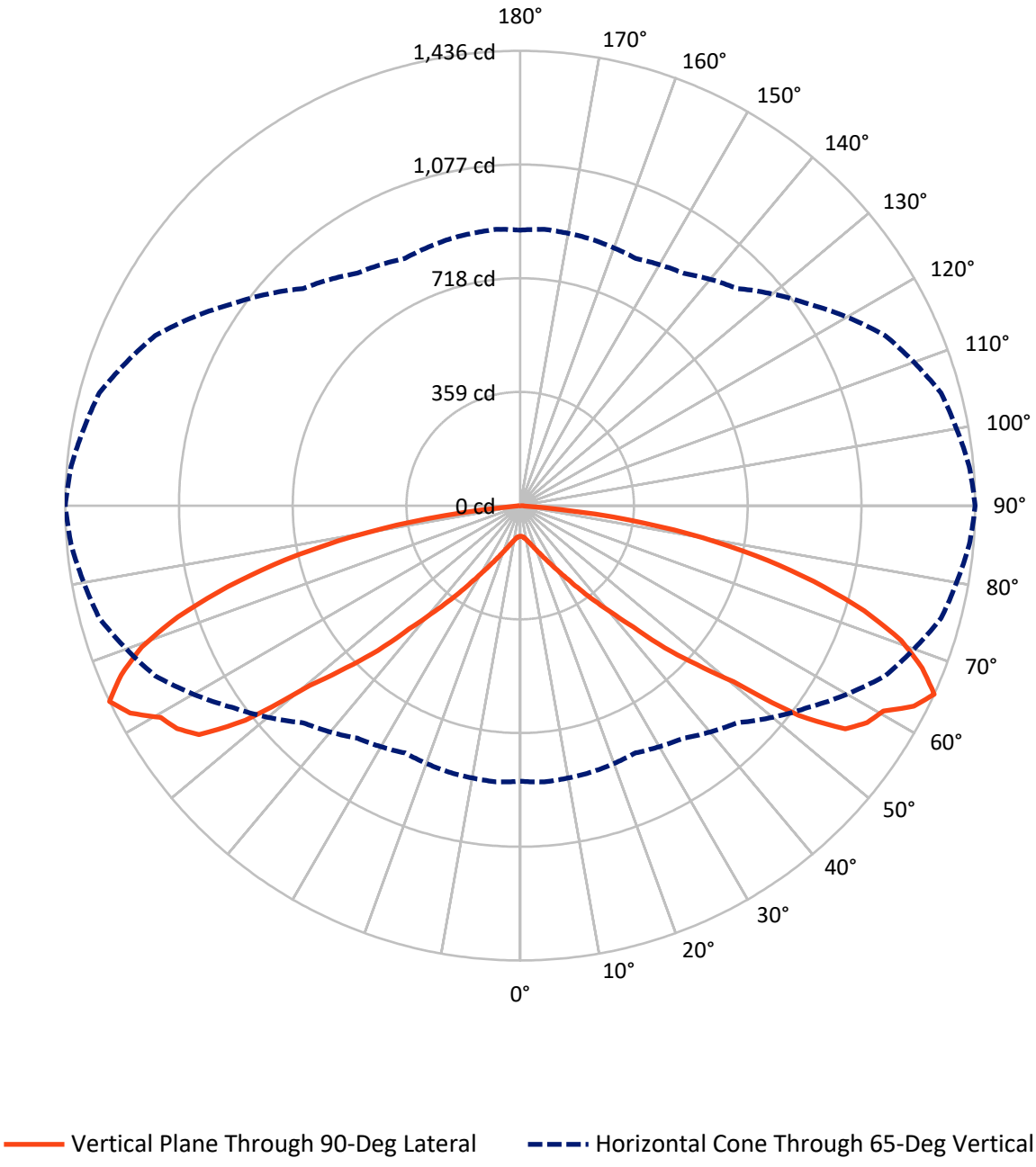
Based on 25 foot mounting height. Maximum calculated value = 0.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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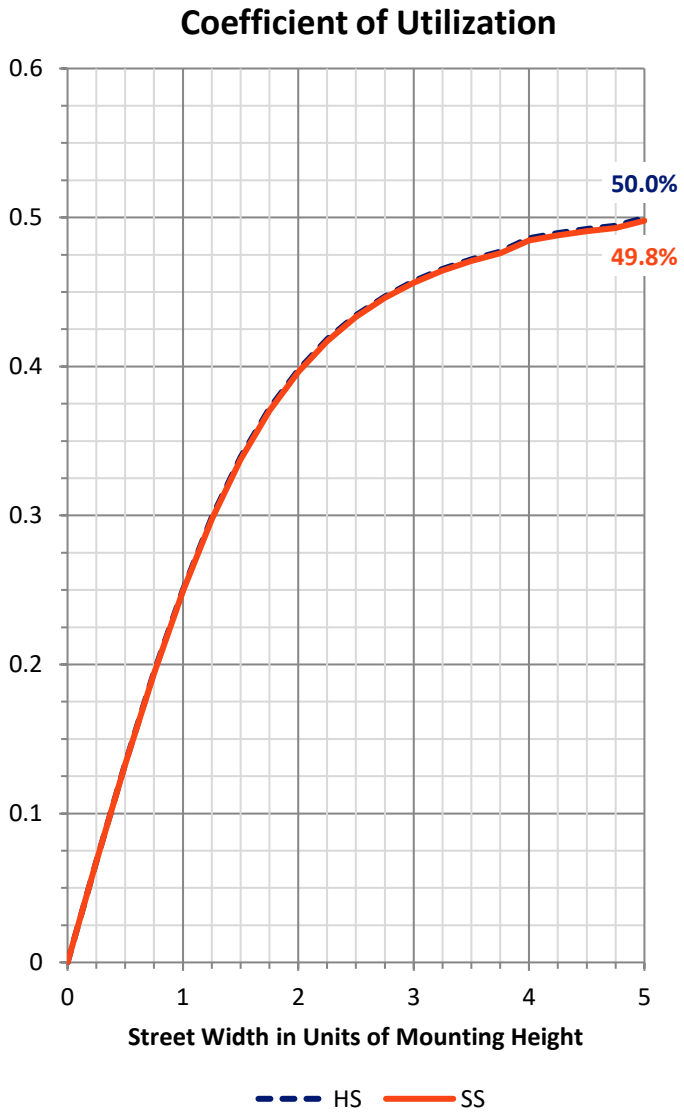
REPORT NUMBER: P887645
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1688.0	0.0	1688.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1688.0	0.0	1688.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3376.0	0.0	3376.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.3
10°-20°	35.8	1.1
20°-30°	82.6	2.4
30°-40°	180.1	5.3
40°-50°	389.4	11.5
50°-60°	763.3	22.6
60°-70°	1032.0	30.6
70°-80°	773.7	22.9
80°-90°	109.1	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°	3376.0	100.0
0°-180°	3376.0	100.0



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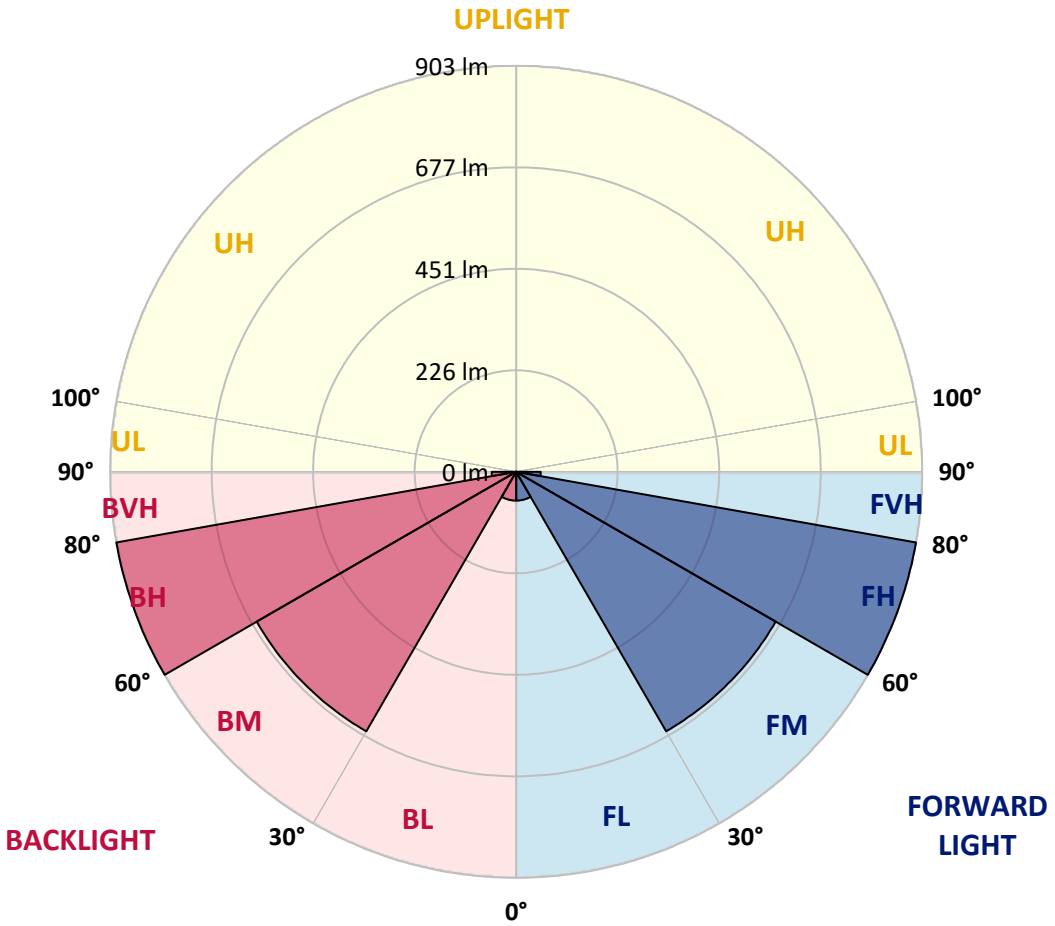
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	64.2	1.9			
FM	(30°-60°)	666.4	19.7			
FH	(60°-80°)	902.9	26.7			G1/1800
FVH	(80°-90°)	54.6	1.6			G1/100
BL	(0°-30°)	64.2	1.9	B0/110		
BM	(30°-60°)	666.4	19.7	B1/1000		
BH	(60°-80°)	902.9	26.7	B2/1000		G2/1000
BVH	(80°-90°)	54.6	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°	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	*96.6*
2.5°	97.7	97.7	97.7	97.7	97.4	97.7	97.4	97.4	97.4	97.4	*97.4*
5°	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	*99.6*
7.5°	102.6	103.3	103.3	103.7	103.7	103.7	103.7	103.7	103.7	103.3	*103.3*
10°	107.8	108.1	108.5	108.5	108.5	108.9	109.6	109.6	109.6	109.2	*110.0*
12.5°	113.7	114.1	114.1	114.4	115.2	115.2	115.6	116.3	116.7	116.7	*117.4*
15°	120.8	121.5	121.5	121.5	123.0	123.4	124.1	124.9	125.6	125.6	*126.3*
17.5°	128.9	130.1	129.7	130.1	131.9	132.7	134.1	134.9	136.7	137.5	*138.2*
20°	139.0	140.1	139.7	140.5	141.9	143.8	145.3	148.3	150.1	150.1	*151.6*
22.5°	151.2	152.3	151.6	152.0	154.2	155.7	159.0	162.0	165.0	166.5	*168.0*
25°	165.4	166.8	165.7	166.5	168.7	170.6	174.6	179.8	183.2	185.8	*188.0*
27.5°	184.3	185.8	184.7	184.7	187.6	189.1	195.1	201.0	206.6	209.2	*211.1*
30°	205.1	207.3	205.5	205.5	208.8	210.3	217.4	226.3	234.1	238.6	*241.5*
32.5°	229.6	230.8	229.3	229.6	232.2	234.8	245.6	257.9	268.7	274.2	*277.9*
35°	258.2	260.5	256.8	256.0	260.1	265.3	279.1	297.6	313.6	321.4	*325.5*
37.5°	291.7	292.8	289.1	288.3	294.7	302.1	321.4	345.9	363.8	374.2	*379.8*
40°	330.0	333.3	327.4	327.7	334.0	345.2	370.1	399.4	423.6	436.2	*442.2*
42.5°	371.6	378.3	370.5	369.7	381.2	395.7	425.8	463.7	499.8	518.4	*523.2*
45°	417.7	427.7	420.3	419.5	435.1	454.1	496.4	554.4	601.2	635.4	*641.3*
47.5°	471.2	480.8	471.9	474.1	492.3	522.8	579.7	649.9	706.7	743.9	*749.1*
50°	533.6	535.1	529.5	531.7	563.7	603.4	673.3	749.5	832.7	870.6	*873.2*
52.5°	594.5	590.1	586.0	593.4	632.8	682.6	769.9	895.5	1012.6	1087.2	*1100.6*
55°	654.7	647.7	647.3	658.4	708.6	777.7	889.9	1047.9	1167.5	1229.9	*1244.8*
57.5°	712.3	709.3	709.7	719.0	782.2	869.9	1000.7	1144.5	1241.8	1284.2	*1291.6*
60°	768.1	773.3	769.5	784.8	853.1	940.8	1042.3	1181.6	1276.4	1313.2	*1316.9*
62.5°	822.3	827.5	826.0	838.3	884.0	957.6	1064.6	1227.0	1336.2	1388.6	*1394.2*
65°	*869.9*	*875.4*	*870.6*	*861.3*	*896.2*	*969.1*	*1110.3*	*1270.8*	*1374.8*	*1422.4*	*1435.8*
67.5°	904.8	906.3	888.1	863.5	883.2	943.4	1079.4	1233.3	1323.9	1355.1	*1368.2*
70°	924.1	913.0	879.9	832.3	820.8	867.3	1002.1	1137.4	1230.7	1262.6	*1275.3*
72.5°	902.6	886.6	827.9	752.4	715.7	751.3	883.2	1010.7	1087.6	1119.9	*1135.5*
75°	826.8	802.6	726.8	633.5	582.3	616.8	734.2	848.3	914.5	939.4	*957.2*
77.5°	677.4	659.2	582.3	487.1	434.4	459.3	561.1	650.6	717.9	735.7	*761.0*
80°	473.8	453.7	403.5	323.6	275.0	286.9	364.1	435.5	493.8	517.6	*541.0*
82.5°	234.5	219.2	201.0	156.8	120.4	121.1	165.0	198.8	250.8	272.0	*295.8*
85°	8.5	9.7	11.5	14.1	11.1	8.5	16.0	19.0	13.0	20.4	*12.6*
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)