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: P887531

Luminaire Tested: **TT-D1-740-U-WQ-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:	P887531
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-1)
Test Lab:	INNOVATION CENTER
Issue Date:	10/9/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	TT-D1-740-U-WQ-TC
Description:	WQ
	4000K, 70 CRI LEDS, WIDE DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3324 lumens
Efficiency:	N/A
Efficacy:	118.7 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B2 - 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

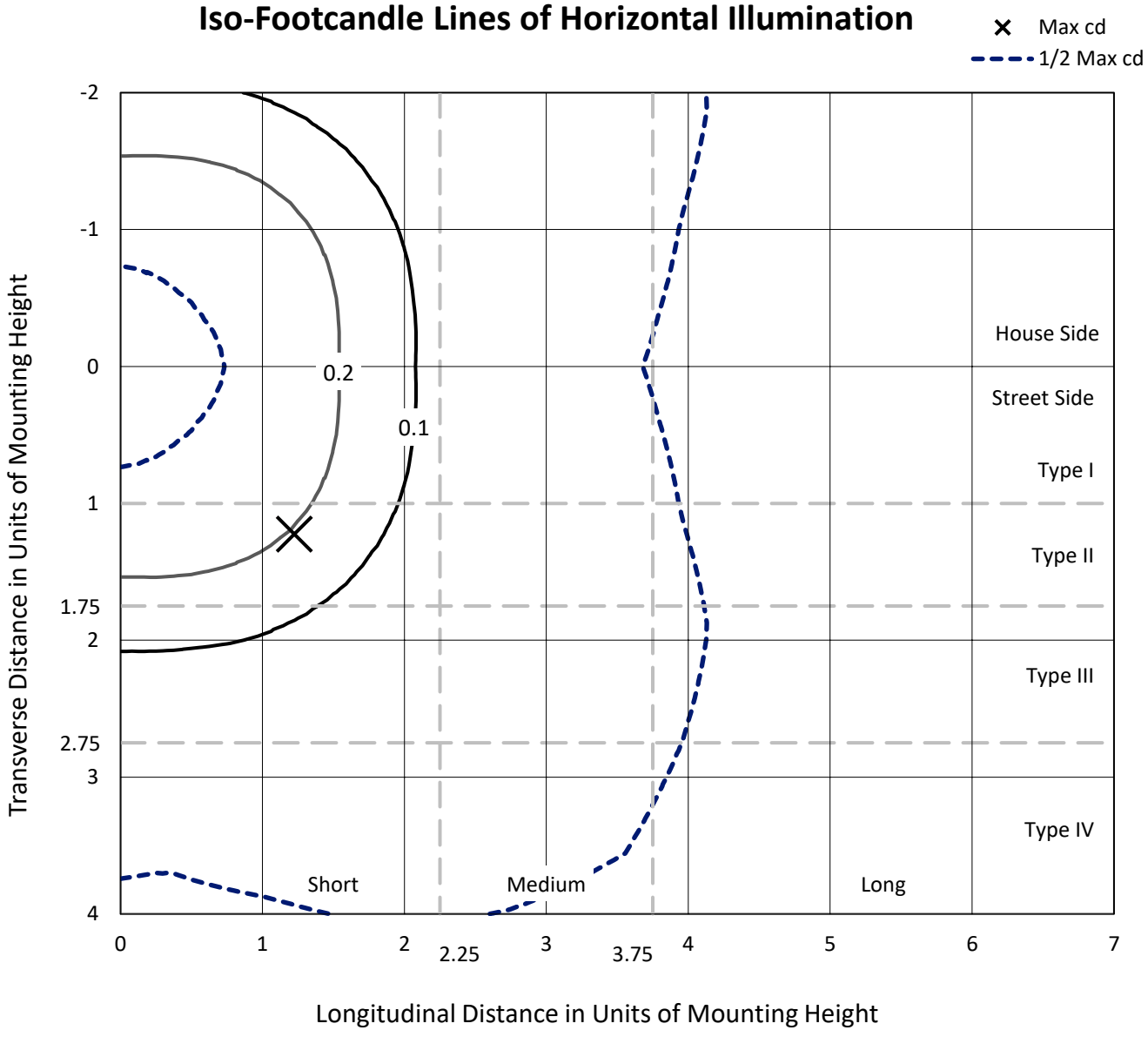


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Iso-Footcandle Lines of Horizontal Illumination



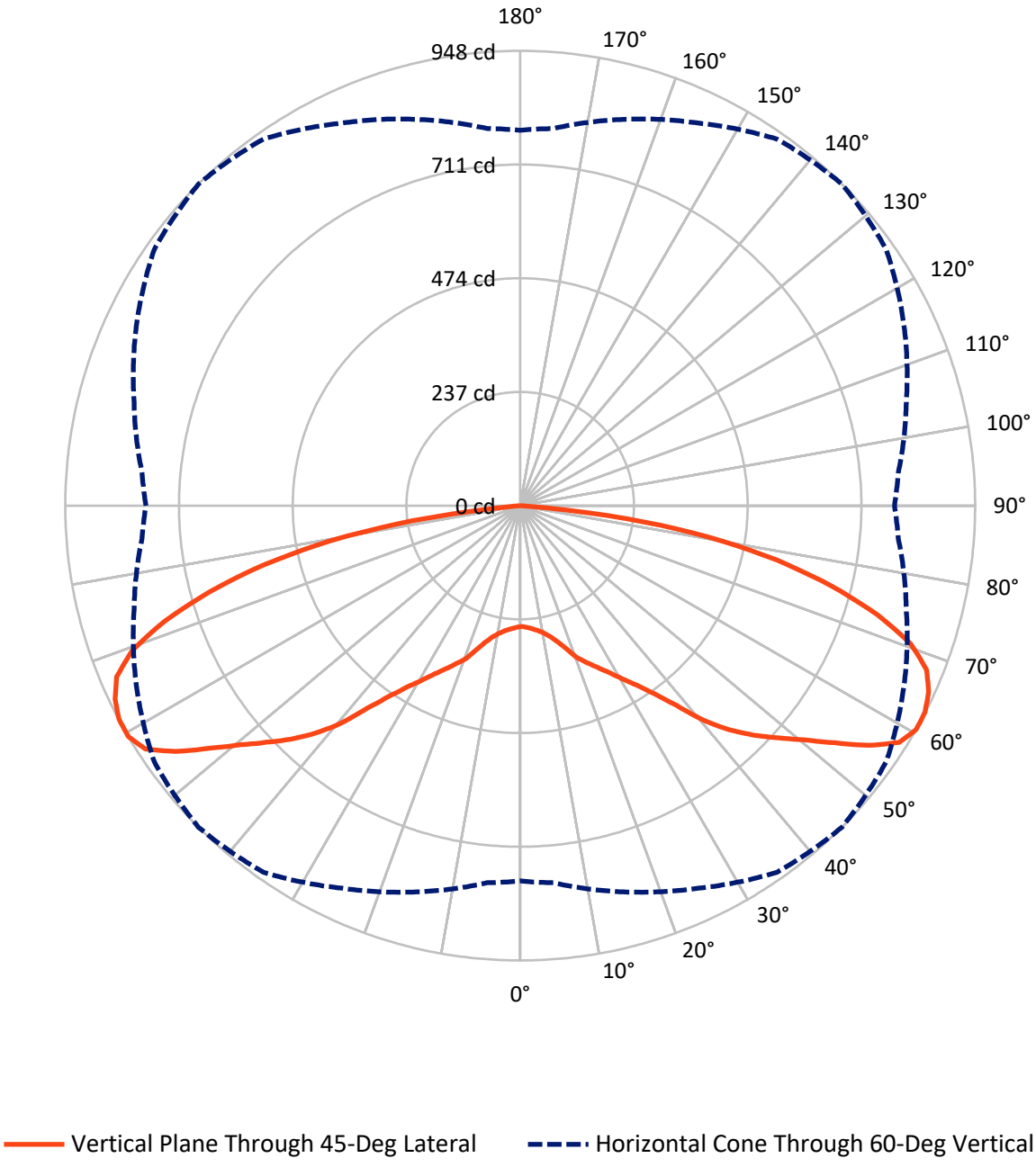
Based on 25 foot mounting height. Maximum calculated value = 0.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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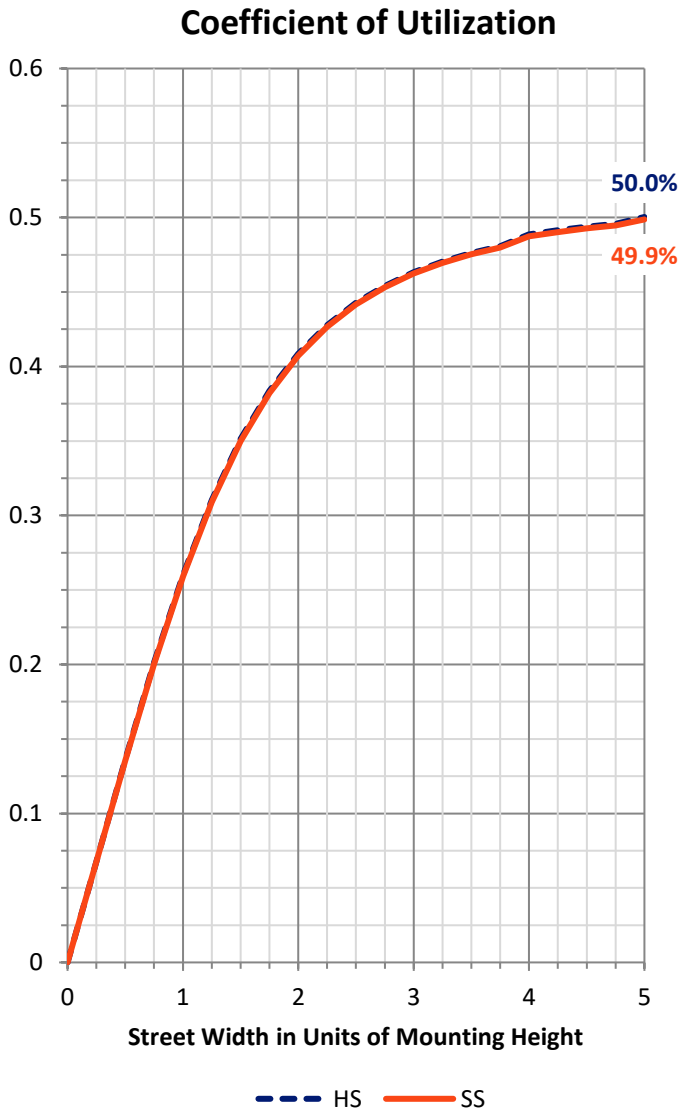
REPORT NUMBER: P887531
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1662.0	0.0	1662.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1662.0	0.0	1662.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3324.0	0.0	3324.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.0	0.8
10°-20°	85.2	2.6
20°-30°	172.9	5.2
30°-40°	301.6	9.1
40°-50°	503.7	15.2
50°-60°	729.7	22.0
60°-70°	830.4	25.0
70°-80°	591.0	17.8
80°-90°	84.6	2.5
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°	3324.0	100.0
0°-180°	3324.0	100.0



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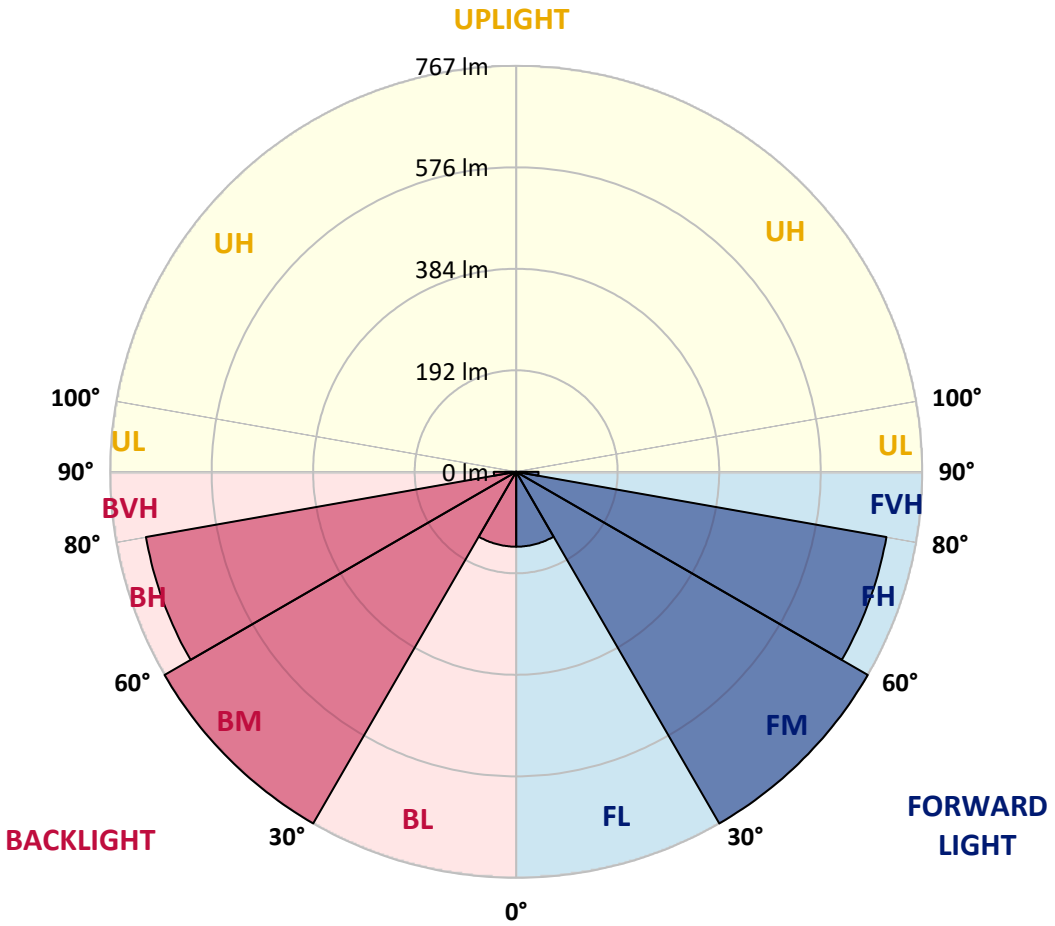
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	141.5	4.3			
FM	(30°-60°)	767.5	23.1			
FH	(60°-80°)	710.7	21.4			G1/1800
FVH	(80°-90°)	42.3	1.3			G1/100
BL	(0°-30°)	141.5	4.3	B1/500		
BM	(30°-60°)	767.5	23.1	B1/1000		
BH	(60°-80°)	710.7	21.4	B2/1000		G1/1800
BVH	(80°-90°)	42.3	1.3			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°	251.6	251.6	251.6	251.6	251.6	251.6	251.6	251.6	251.6	251.6	251.6
2.5°	254.6	254.6	254.6	254.6	254.6	254.0	254.0	254.6	254.6	254.6	255.3
5°	257.7	258.3	257.7	258.3	257.7	257.7	257.7	258.3	258.3	258.3	258.3
7.5°	262.6	262.6	262.0	262.6	262.0	262.6	262.6	263.2	263.2	263.2	263.2
10°	270.5	270.5	270.5	270.5	269.9	269.9	270.5	271.1	271.7	271.7	271.7
12.5°	280.8	280.8	280.8	282.1	280.8	280.2	280.2	281.5	282.1	281.5	280.8
15°	293.0	293.0	293.6	294.9	294.9	294.9	294.2	294.2	294.9	293.6	293.0
17.5°	309.5	309.5	309.5	311.9	313.7	314.4	312.5	311.3	311.3	310.1	308.9
20°	330.8	331.4	331.4	333.8	336.9	338.1	336.3	333.8	333.2	331.4	330.8
22.5°	348.5	349.7	350.3	352.1	354.6	355.2	355.2	352.7	352.1	350.9	348.5
25°	365.5	366.7	367.4	371.0	373.4	373.4	374.1	371.0	369.8	368.0	365.5
27.5°	384.4	384.4	385.0	389.9	394.2	393.5	393.5	391.1	388.7	385.6	385.0
30°	404.5	405.7	405.7	411.8	416.7	418.5	416.1	413.7	410.0	407.0	405.1
32.5°	427.7	428.3	430.7	439.2	444.1	445.9	444.7	440.5	434.4	431.3	429.5
35°	453.9	454.5	460.6	472.1	479.4	481.3	481.3	472.7	464.8	458.1	455.1
37.5°	490.4	492.2	502.0	516.6	530.6	527.6	532.4	517.2	505.0	495.9	491.6
40°	536.1	537.9	552.6	569.0	587.9	588.5	590.3	569.6	553.8	542.2	537.3
42.5°	570.2	575.7	594.0	615.3	631.7	638.4	634.8	615.9	594.6	580.0	574.5
45°	606.2	611.6	633.6	657.3	675.0	682.3	676.2	657.9	635.4	616.5	609.8
47.5°	642.1	647.6	670.1	696.3	718.3	723.1	719.5	697.5	671.3	650.6	643.9
50°	677.4	684.1	706.1	739.0	763.3	767.0	764.6	739.6	706.7	685.4	681.1
52.5°	708.5	718.9	751.2	784.7	817.6	821.2	819.4	784.1	746.9	719.5	707.3
55°	746.3	753.0	786.5	841.3	868.7	882.1	873.0	837.7	787.7	756.6	747.5
57.5°	779.8	785.9	817.6	870.6	912.0	930.9	915.6	871.2	818.8	784.1	781.6
60°	782.2	788.9	833.4	879.7	932.7	947.9	930.9	882.7	832.8	790.8	779.8
62.5°	768.2	776.7	819.4	888.8	937.6	946.7	932.7	883.4	822.4	781.0	768.8
65°	766.4	770.0	807.2	879.7	916.9	935.1	917.5	876.7	810.9	771.3	760.9
67.5°	720.7	719.5	769.4	834.0	893.1	913.2	891.3	835.2	773.7	725.6	713.4
70°	660.4	657.3	706.7	778.0	837.1	863.2	835.8	780.4	712.8	662.2	653.1
72.5°	580.0	574.5	625.0	701.2	757.9	778.6	756.6	703.6	631.7	583.6	569.6
75°	475.8	468.5	524.5	597.6	649.4	671.3	646.4	604.9	533.7	484.3	465.4
77.5°	356.4	346.6	399.6	475.8	521.5	547.7	520.9	481.9	411.8	363.1	347.9
80°	229.1	216.3	258.9	335.1	374.7	400.2	369.8	338.1	270.5	230.3	219.3
82.5°	93.2	82.2	110.3	165.7	196.8	226.6	194.9	167.5	118.2	92.0	84.7
85°	6.7	3.7	5.5	6.7	5.5	10.4	4.3	5.5	4.9	4.9	4.9
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)