

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: P887620

Luminaire Tested: **TT-D2-740-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887620
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-D2-740-U-RW-TC
Description: RW
4000K, 70 CRI LEDS, RECTANGULAR DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3767 lumens
Efficiency: N/A
Efficacy: 96.1 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

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



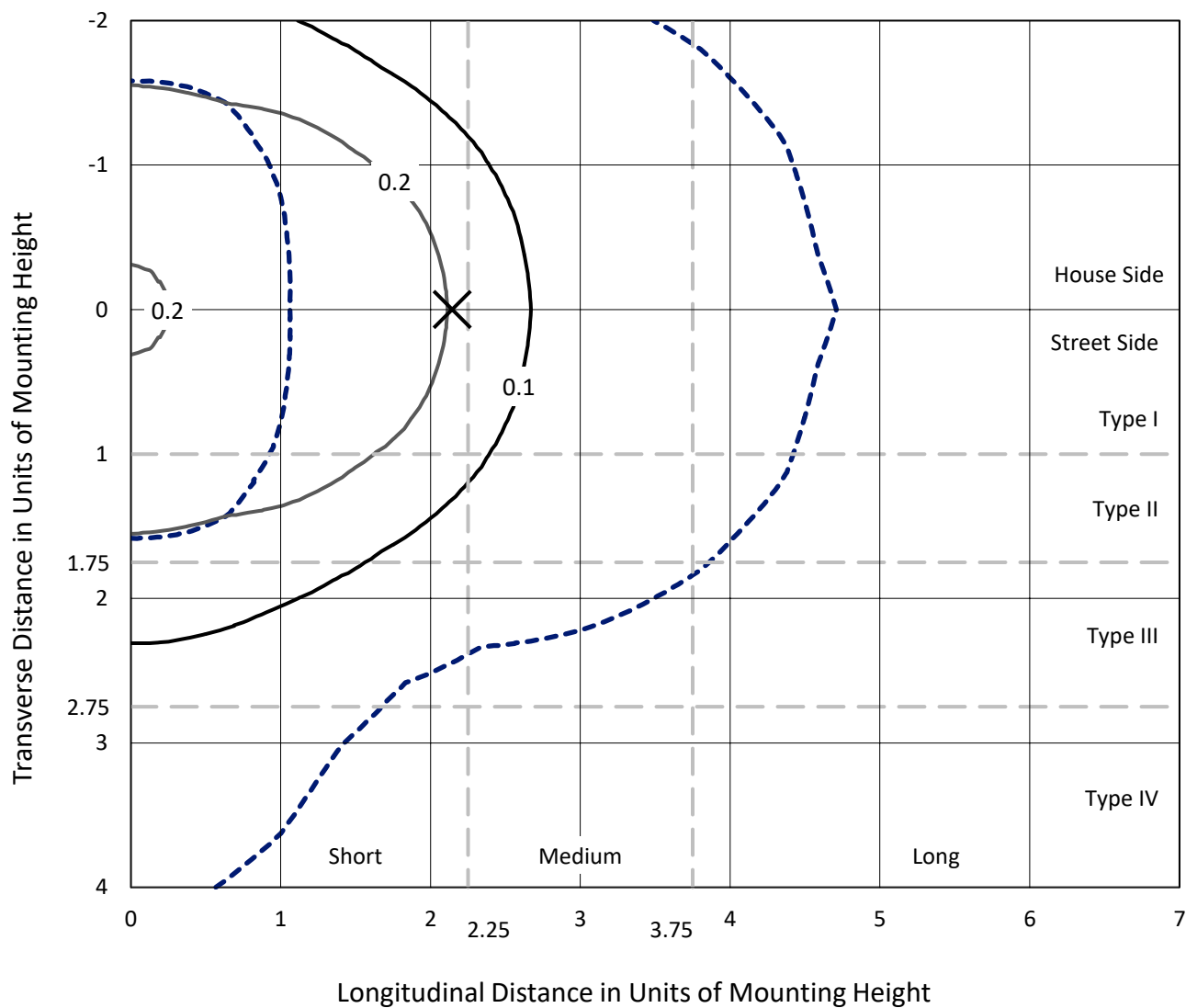
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

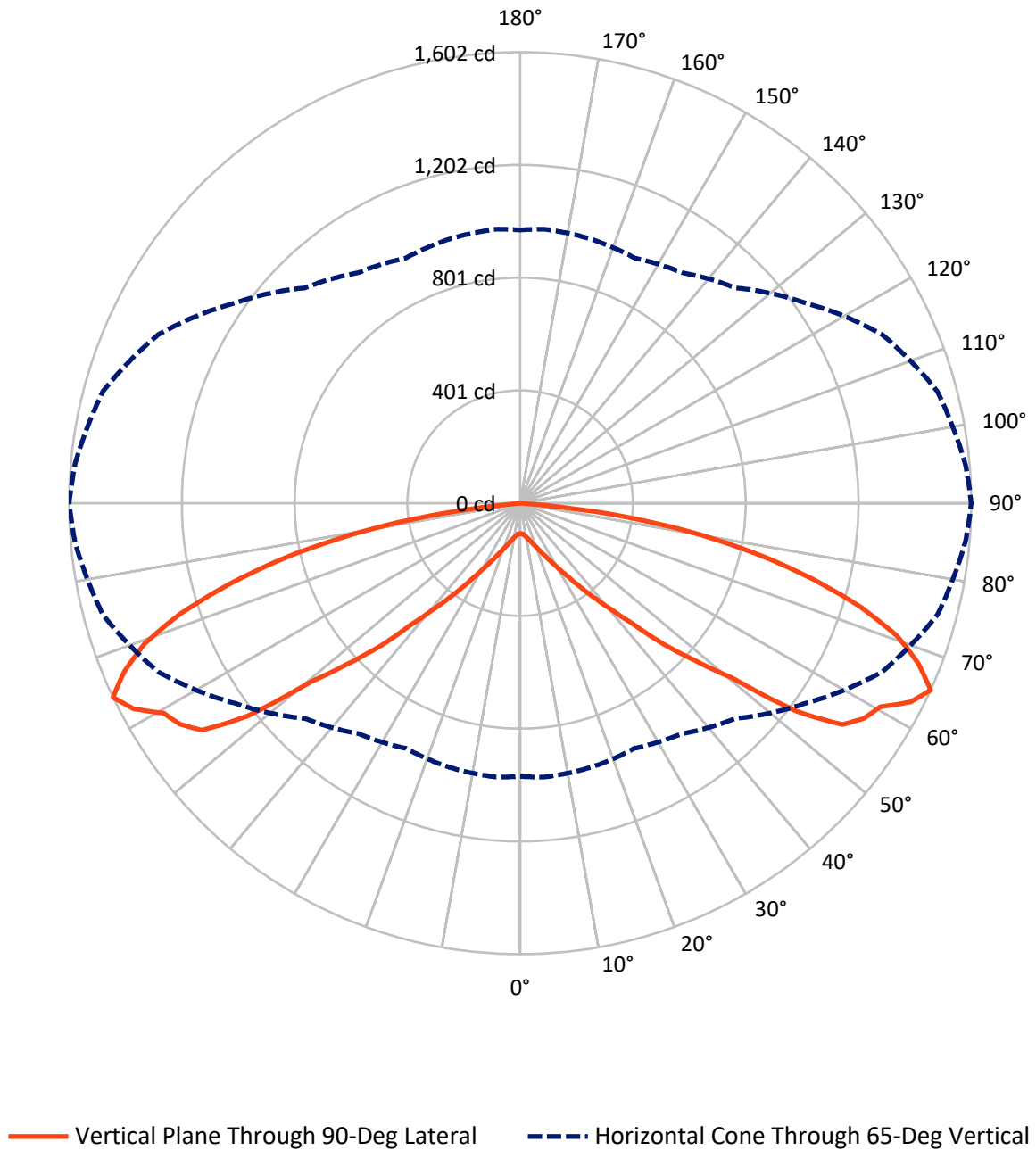


Based on 25 foot mounting height. Maximum calculated value = 0.4 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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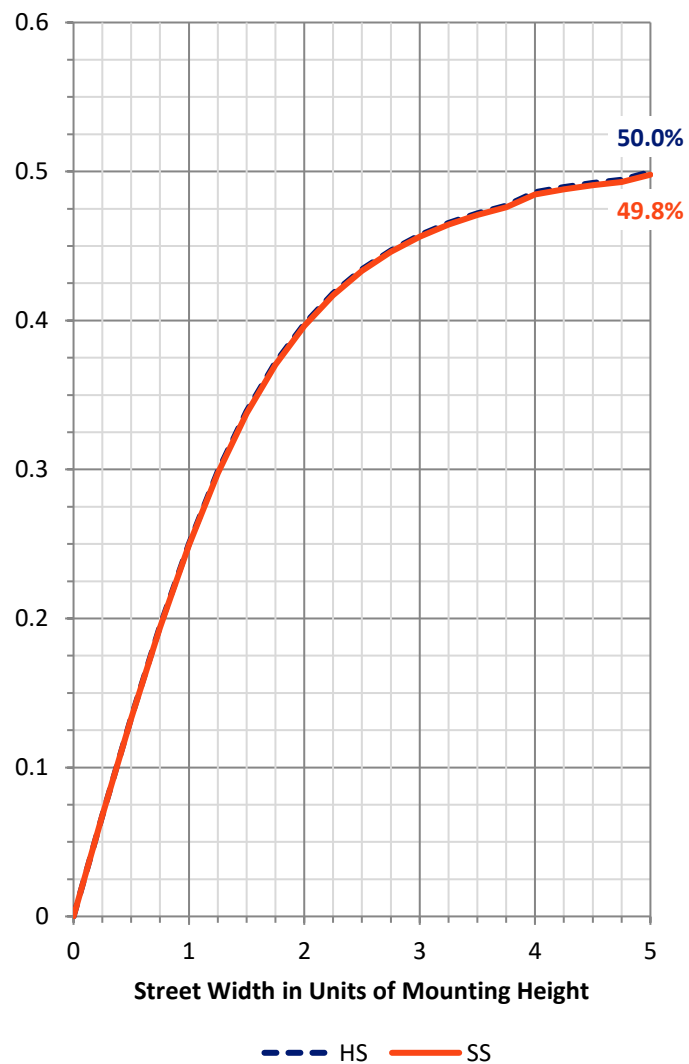
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1883.5	0.0	1883.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1883.5	0.0	1883.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3767.0	0.0	3767.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	0.3
10°-20°	40.0	1.1
20°-30°	92.2	2.4
30°-40°	200.9	5.3
40°-50°	434.5	11.5
50°-60°	851.8	22.6
60°-70°	1151.5	30.6
70°-80°	863.4	22.9
80°-90°	121.7	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°	3767.0	100.0
0°-180°	3767.0	100.0

Coefficient of Utilization



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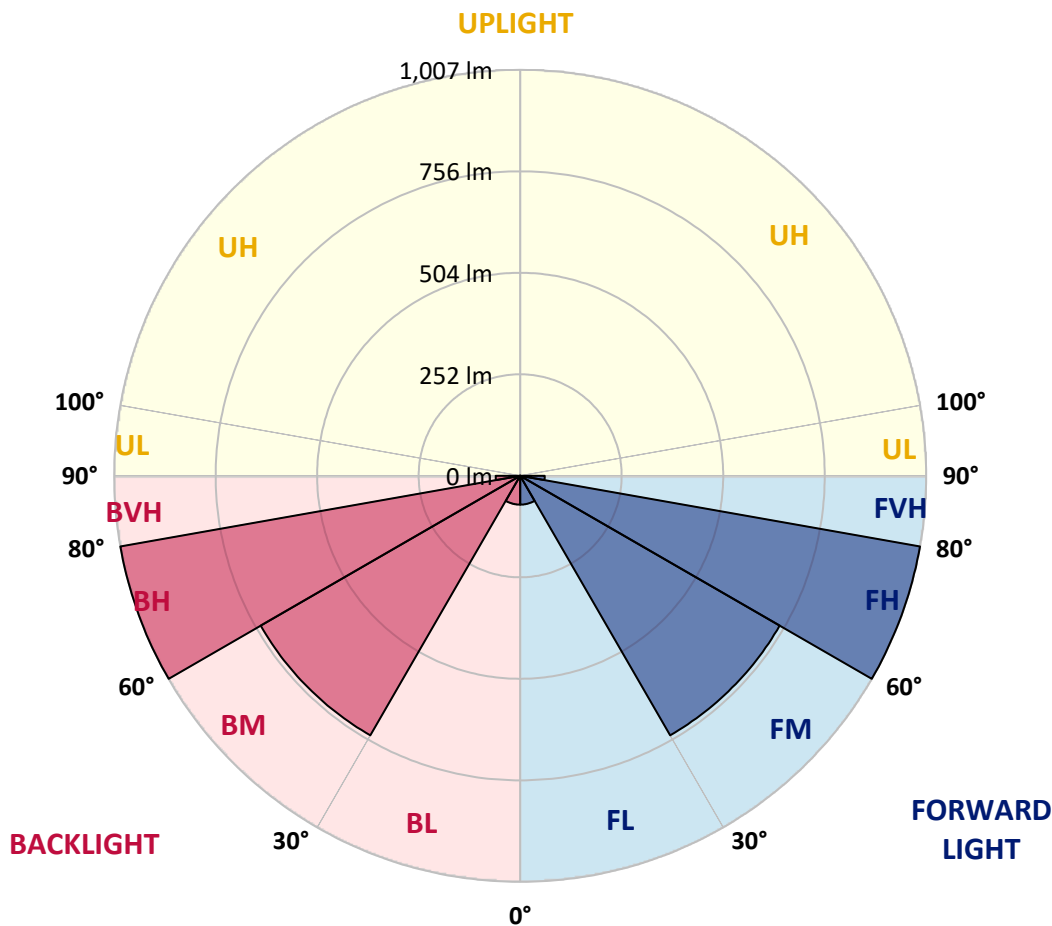
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	71.6	1.9			
FM	(30°-60°)	743.6	19.7			
FH	(60°-80°)	1007.5	26.7			G1/1800
FVH	(80°-90°)	60.9	1.6			G1/100
BL	(0°-30°)	71.6	1.9	B0/110		
BM	(30°-60°)	743.6	19.7	B1/1000		
BH	(60°-80°)	1007.5	26.7	B3/2500		G3/2500
BVH	(80°-90°)	60.9	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8	107.8
2.5°	109.0	109.0	109.0	109.0	108.6	109.0	108.6	108.6	108.6	108.6	108.6
5°	110.7	111.1	111.5	111.5	111.5	111.5	111.5	111.5	111.5	111.1	111.1
7.5°	114.4	115.3	115.3	115.7	115.7	115.7	115.7	115.7	115.7	115.3	115.3
10°	120.2	120.7	121.1	121.1	121.1	121.5	122.3	122.3	122.3	121.9	122.7
12.5°	126.9	127.3	127.3	127.7	128.5	128.5	128.9	129.8	130.2	130.2	131.0
15°	134.7	135.6	135.6	135.6	137.2	137.7	138.5	139.3	140.1	140.1	141.0
17.5°	143.9	145.1	144.7	145.1	147.2	148.0	149.7	150.5	152.6	153.4	154.2
20°	155.1	156.3	155.9	156.7	158.4	160.5	162.1	165.4	167.5	167.5	169.2
22.5°	168.7	170.0	169.2	169.6	172.1	173.7	177.5	180.8	184.1	185.7	187.4
25°	184.5	186.2	184.9	185.7	188.2	190.3	194.9	200.7	204.4	207.3	209.8
27.5°	205.6	207.3	206.1	206.1	209.4	211.0	217.7	224.3	230.5	233.4	235.5
30°	228.9	231.4	229.3	229.3	233.0	234.7	242.5	252.5	261.2	266.2	269.5
32.5°	256.2	257.5	255.8	256.2	259.1	262.0	274.1	287.7	299.8	306.0	310.1
35°	288.2	290.6	286.5	285.7	290.2	296.0	311.4	332.1	349.9	358.6	363.2
37.5°	325.5	326.7	322.6	321.7	328.8	337.1	358.6	386.0	405.9	417.5	423.7
40°	368.2	371.9	365.3	365.7	372.7	385.2	413.0	445.7	472.7	486.8	493.4
42.5°	414.6	422.1	413.4	412.5	425.4	441.6	475.1	517.4	557.7	578.4	583.8
45°	466.0	477.2	468.9	468.1	485.5	506.7	553.9	618.6	670.8	709.0	715.6
47.5°	525.7	536.5	526.6	529.0	549.4	583.4	646.8	725.2	788.6	830.1	835.9
50°	595.4	597.0	590.8	593.3	629.0	673.3	751.3	836.3	929.1	971.4	974.3
52.5°	663.4	658.4	653.8	662.1	706.1	761.6	859.1	999.2	1129.8	1213.2	1228.1
55°	730.5	722.7	722.3	734.7	790.7	867.8	993.0	1169.2	1302.7	1372.4	1389.0
57.5°	794.8	791.5	791.9	802.3	872.8	970.6	1116.6	1277.0	1385.6	1432.9	1441.2
60°	857.0	862.8	858.7	875.7	952.0	1049.8	1163.0	1318.5	1424.2	1465.2	1469.4
62.5°	917.5	923.3	921.7	935.4	986.4	1068.5	1187.9	1369.1	1491.0	1549.4	1555.6
65°	970.6	976.8	971.4	961.1	1000.0	1081.3	1238.9	1418.0	1534.1	1587.1	1602.1
67.5°	1009.6	1011.2	990.9	963.6	985.5	1052.7	1204.5	1376.1	1477.3	1512.1	1526.6
70°	1031.1	1018.7	981.8	928.7	915.9	967.7	1118.2	1269.1	1373.2	1408.9	1423.0
72.5°	1007.1	989.3	923.8	839.6	798.5	838.3	985.5	1127.7	1213.6	1249.6	1267.1
75°	922.5	895.6	811.0	706.9	649.7	688.3	819.3	946.6	1020.4	1048.1	1068.0
77.5°	755.8	735.5	649.7	543.6	484.7	512.5	626.1	726.0	801.0	820.9	849.1
80°	528.6	506.2	450.3	361.1	306.8	320.1	406.3	485.9	551.0	577.6	603.7
82.5°	261.6	244.6	224.3	175.0	134.3	135.2	184.1	221.8	279.9	303.5	330.0
85°	9.5	10.8	12.9	15.8	12.4	9.5	17.8	21.1	14.5	22.8	14.1
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)