

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: P887705

Luminaire Tested: **TT-D3-735-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887705
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-D3-735-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: 4307 lumens
Efficiency: N/A
Efficacy: 91.2 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 47.2
Input Voltage (V): 120.0
Input Current (Ain): 0.39
Voltage Rise (V): NR
Power Factor: 0.989
Total Harmonic Distortion (THDi): 12.9%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

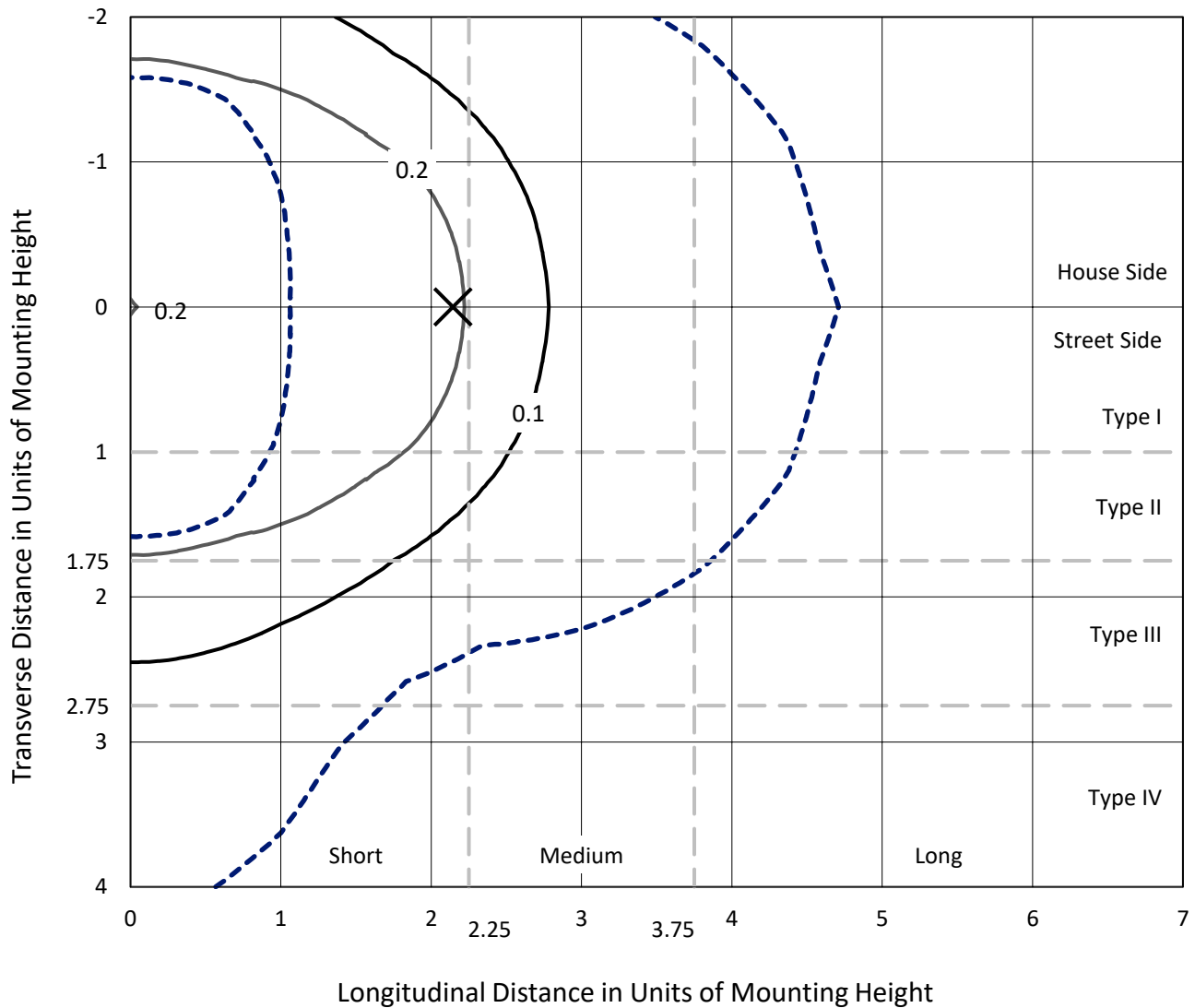


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Iso-Footcandle Lines of Horizontal Illumination

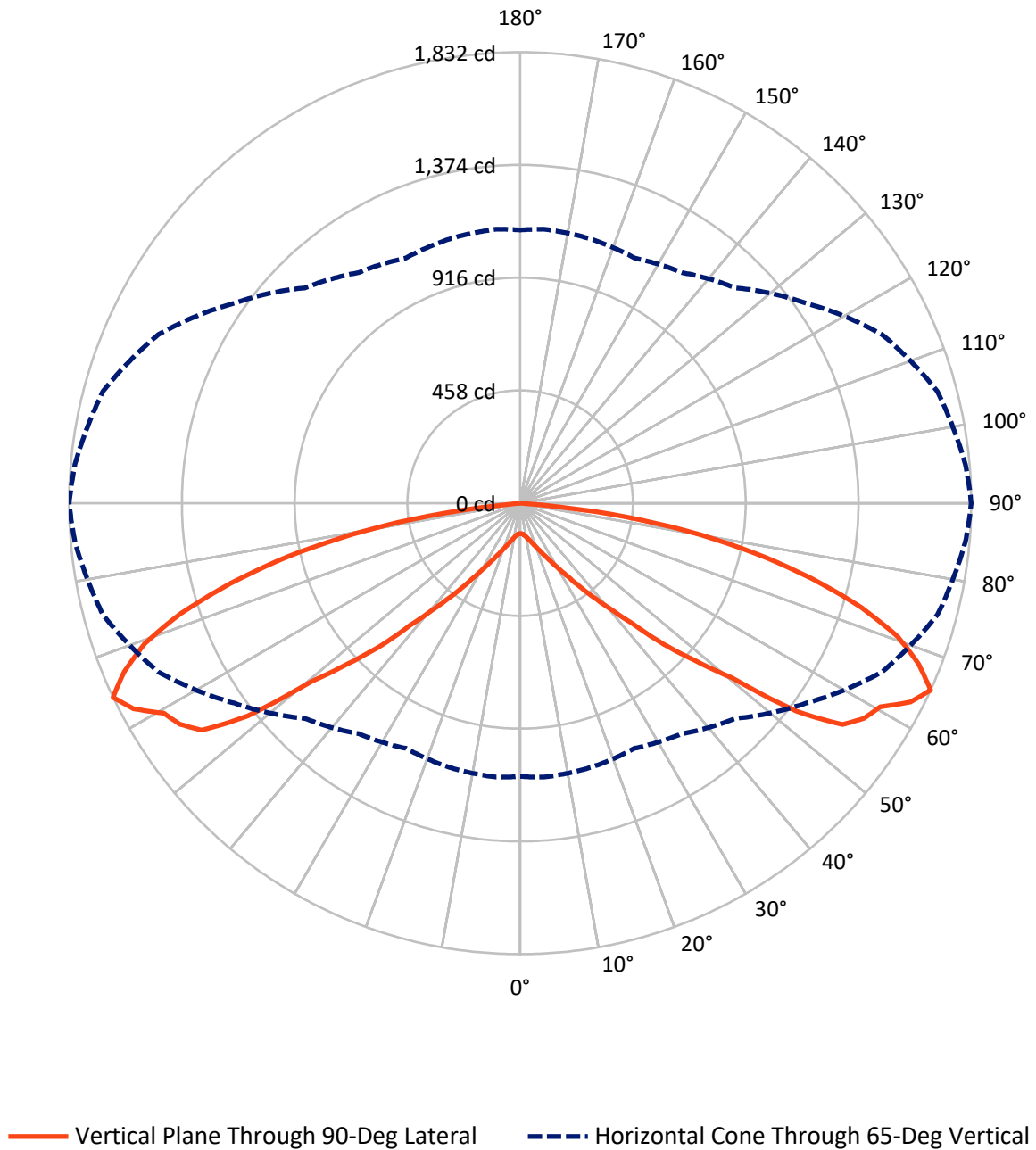
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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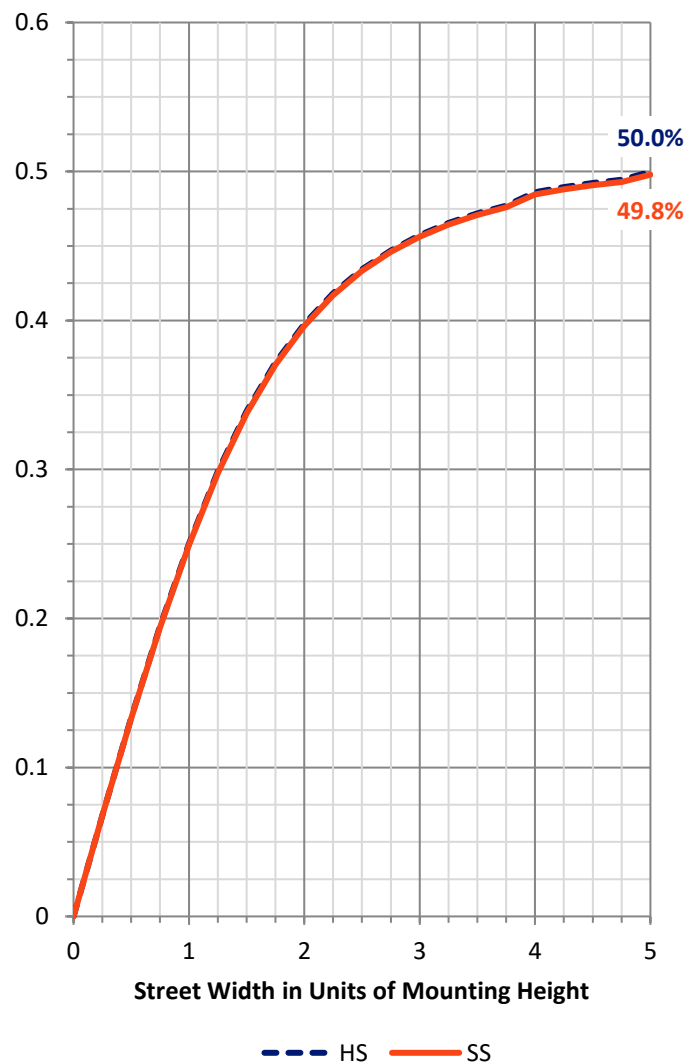
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2153.5	0.0	2153.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2153.5	0.0	2153.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4307.0	0.0	4307.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	0.3
10°-20°	45.7	1.1
20°-30°	105.4	2.4
30°-40°	229.7	5.3
40°-50°	496.8	11.5
50°-60°	973.9	22.6
60°-70°	1316.6	30.6
70°-80°	987.1	22.9
80°-90°	139.2	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°	4307.0	100.0
0°-180°	4307.0	100.0

Coefficient of Utilization



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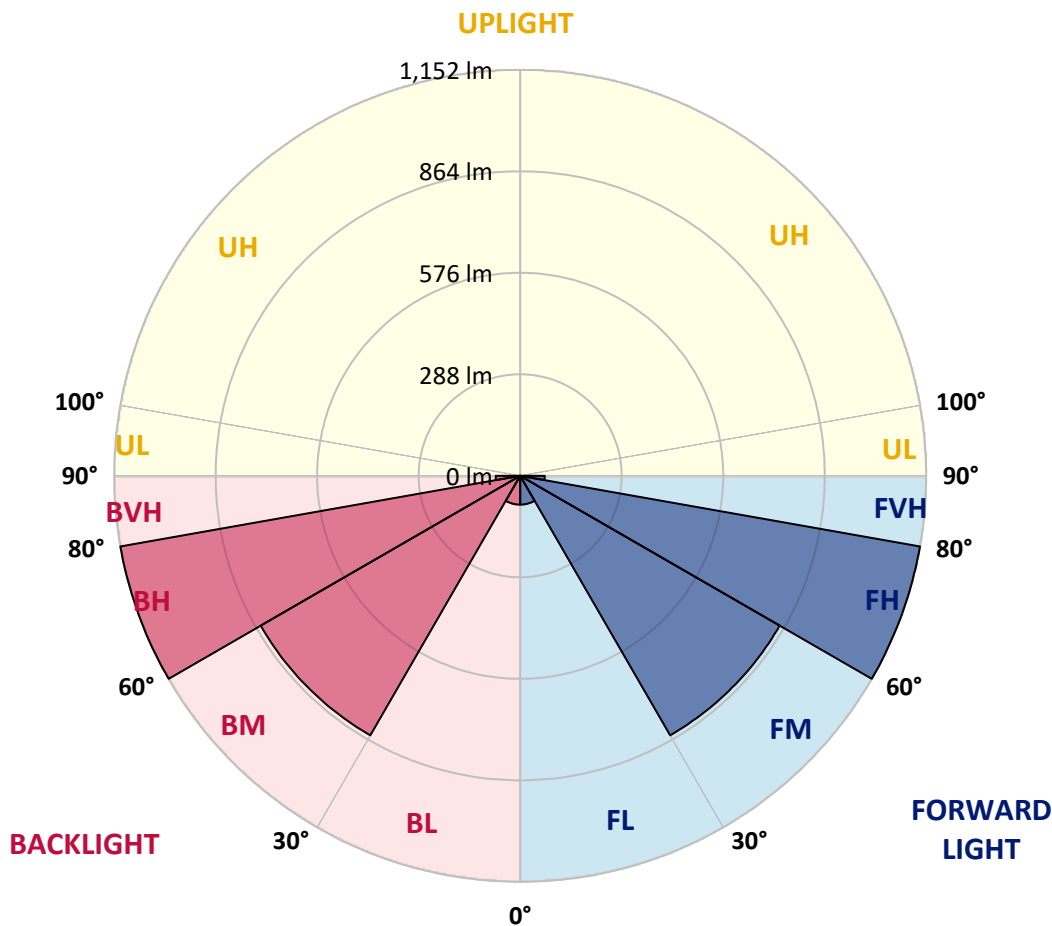
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	81.8	1.9			
FM	(30°-60°)	850.2	19.7			
FH	(60°-80°)	1151.9	26.7			G1/1800
FVH	(80°-90°)	69.6	1.6			G1/100
BL	(0°-30°)	81.8	1.9	B0/110		
BM	(30°-60°)	850.2	19.7	B1/1000		
BH	(60°-80°)	1151.9	26.7	B3/2500		G3/2500
BVH	(80°-90°)	69.6	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3	123.3
2.5°	124.7	124.7	124.7	124.7	124.2	124.7	124.2	124.2	124.2	124.2	124.2
5°	126.6	127.0	127.5	127.5	127.5	127.5	127.5	127.5	127.5	127.0	127.0
7.5°	130.8	131.8	131.8	132.3	132.3	132.3	132.3	132.3	132.3	131.8	131.8
10°	137.5	137.9	138.4	138.4	138.4	138.9	139.8	139.8	139.8	139.4	140.3
12.5°	145.1	145.5	145.5	146.0	147.0	147.0	147.4	148.4	148.9	148.9	149.8
15°	154.1	155.0	155.0	155.0	156.9	157.4	158.3	159.3	160.2	160.2	161.2
17.5°	164.5	165.9	165.4	165.9	168.3	169.2	171.1	172.1	174.4	175.4	176.3
20°	177.3	178.7	178.2	179.2	181.1	183.5	185.4	189.1	191.5	191.5	193.4
22.5°	192.9	194.4	193.4	193.9	196.7	198.6	202.9	206.7	210.5	212.4	214.3
25°	211.0	212.8	211.4	212.4	215.2	217.6	222.8	229.4	233.7	237.0	239.9
27.5°	235.1	237.0	235.6	235.6	239.4	241.3	248.9	256.5	263.6	266.9	269.3
30°	261.7	264.5	262.1	262.1	266.4	268.3	277.3	288.7	298.7	304.3	308.1
32.5°	293.0	294.4	292.5	293.0	296.3	299.6	313.3	329.0	342.7	349.8	354.6
35°	329.5	332.3	327.6	326.6	331.8	338.5	356.0	379.7	400.1	410.1	415.3
37.5°	372.1	373.6	368.8	367.9	375.9	385.4	410.1	441.3	464.1	477.4	484.5
40°	421.0	425.2	417.6	418.1	426.2	440.4	472.2	509.6	540.4	556.5	564.1
42.5°	474.0	482.6	472.6	471.7	486.4	504.9	543.3	591.6	637.6	661.3	667.5
45°	532.8	545.6	536.1	535.2	555.1	579.3	633.3	707.3	767.0	810.6	818.2
47.5°	601.1	613.4	602.0	604.9	628.1	667.0	739.5	829.1	901.6	949.0	955.7
50°	680.7	682.6	675.5	678.4	719.1	769.9	859.0	956.2	1062.3	1110.7	1114.0
52.5°	758.5	752.8	747.6	757.1	807.3	870.8	982.2	1142.5	1291.8	1387.1	1404.1
55°	835.3	826.3	825.8	840.0	904.0	992.2	1135.3	1336.8	1489.5	1569.1	1588.1
57.5°	908.8	905.0	905.4	917.3	997.9	1109.7	1276.6	1460.1	1584.3	1638.3	1647.8
60°	979.9	986.5	981.8	1001.2	1088.4	1200.3	1329.7	1507.5	1628.4	1675.3	1680.0
62.5°	1049.1	1055.7	1053.8	1069.5	1127.8	1221.6	1358.1	1565.3	1704.7	1771.5	1778.6
65°	1109.7	1116.9	1110.7	1098.8	1143.4	1236.3	1416.5	1621.2	1754.0	1814.7	1831.7
67.5°	1154.3	1156.2	1133.0	1101.7	1126.8	1203.6	1377.1	1573.4	1689.0	1728.9	1745.4
70°	1179.0	1164.7	1122.5	1061.9	1047.2	1106.4	1278.5	1451.1	1570.0	1610.8	1626.9
72.5°	1151.5	1131.1	1056.2	959.9	913.0	958.5	1126.8	1289.4	1387.5	1428.8	1448.7
75°	1054.8	1023.9	927.2	808.3	742.8	786.9	936.7	1082.3	1166.6	1198.4	1221.1
77.5°	864.2	841.0	742.8	621.5	554.2	585.9	715.8	830.1	915.9	938.6	970.9
80°	604.4	578.8	514.8	412.9	350.8	366.0	464.6	555.6	630.0	660.4	690.2
82.5°	299.1	279.7	256.5	200.0	153.6	154.5	210.5	253.6	320.0	347.0	377.3
85°	10.9	12.3	14.7	18.0	14.2	10.9	20.4	24.2	16.6	26.1	16.1
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)