

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: P887710

Luminaire Tested: **TT-D3-740-U-RW-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887710
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-D3-740-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: 4543 lumens
Efficiency: N/A
Efficacy: 96.2 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



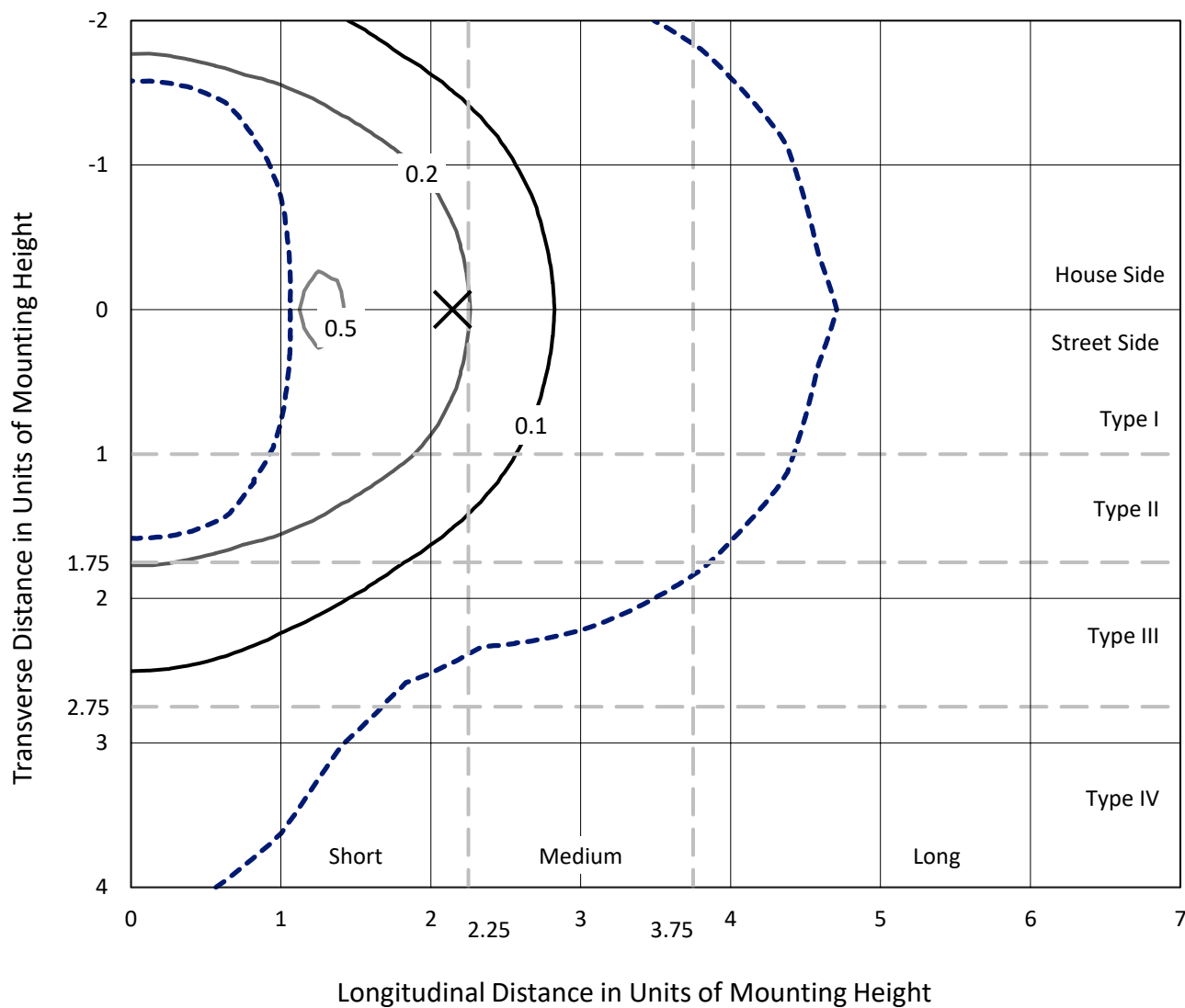
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

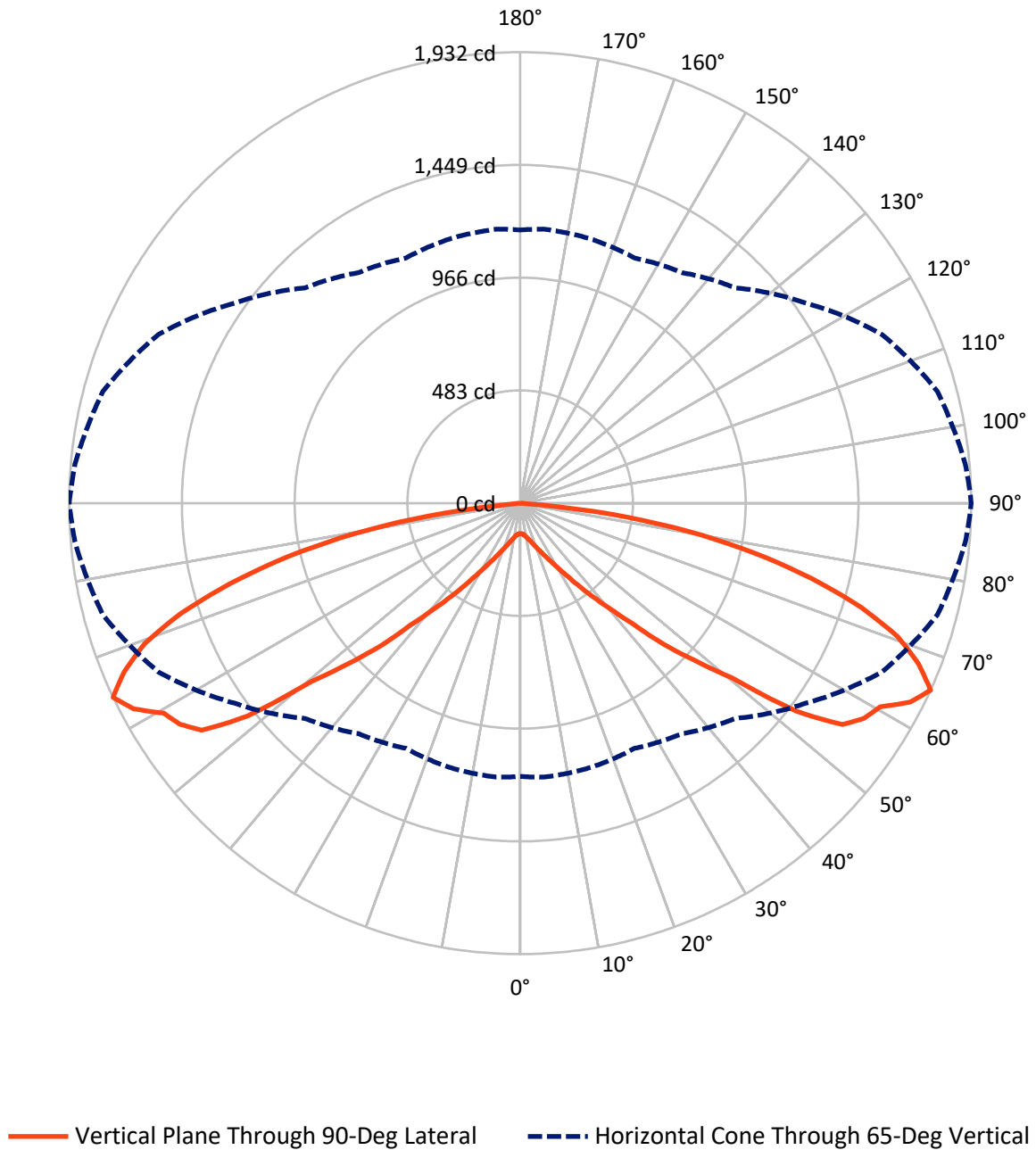


Based on 25 foot mounting height. Maximum calculated value = 0.5 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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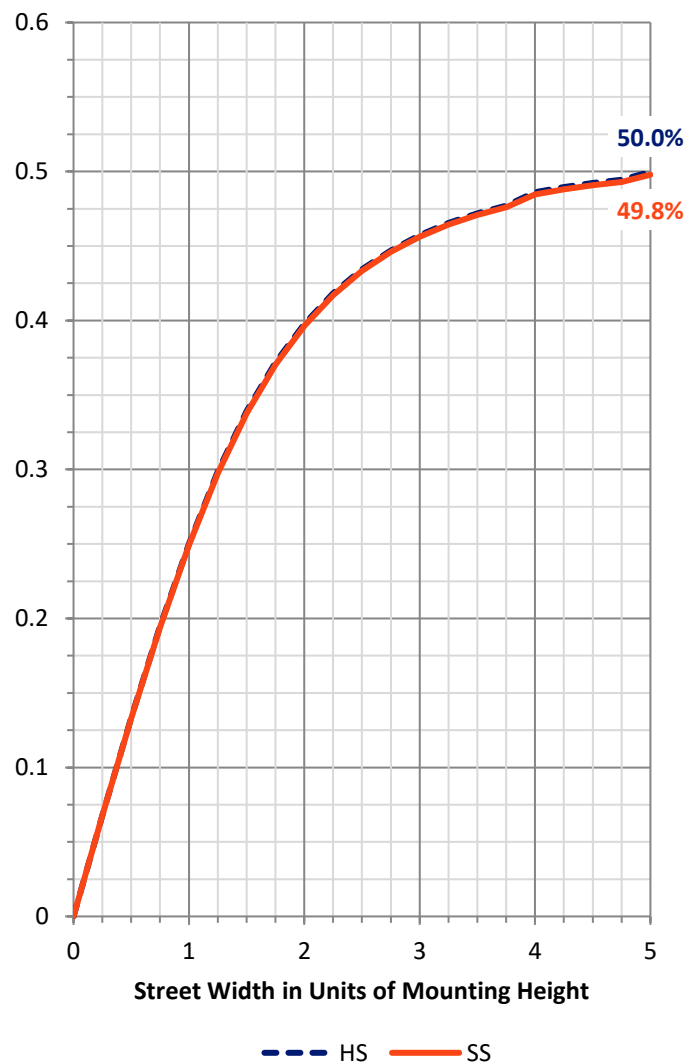
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2271.5	0.0	2271.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2271.5	0.0	2271.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4543.0	0.0	4543.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	0.3
10°-20°	48.2	1.1
20°-30°	111.2	2.4
30°-40°	242.3	5.3
40°-50°	524.0	11.5
50°-60°	1027.2	22.6
60°-70°	1388.8	30.6
70°-80°	1041.2	22.9
80°-90°	146.8	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°	4543.0	100.0
0°-180°	4543.0	100.0

Coefficient of Utilization



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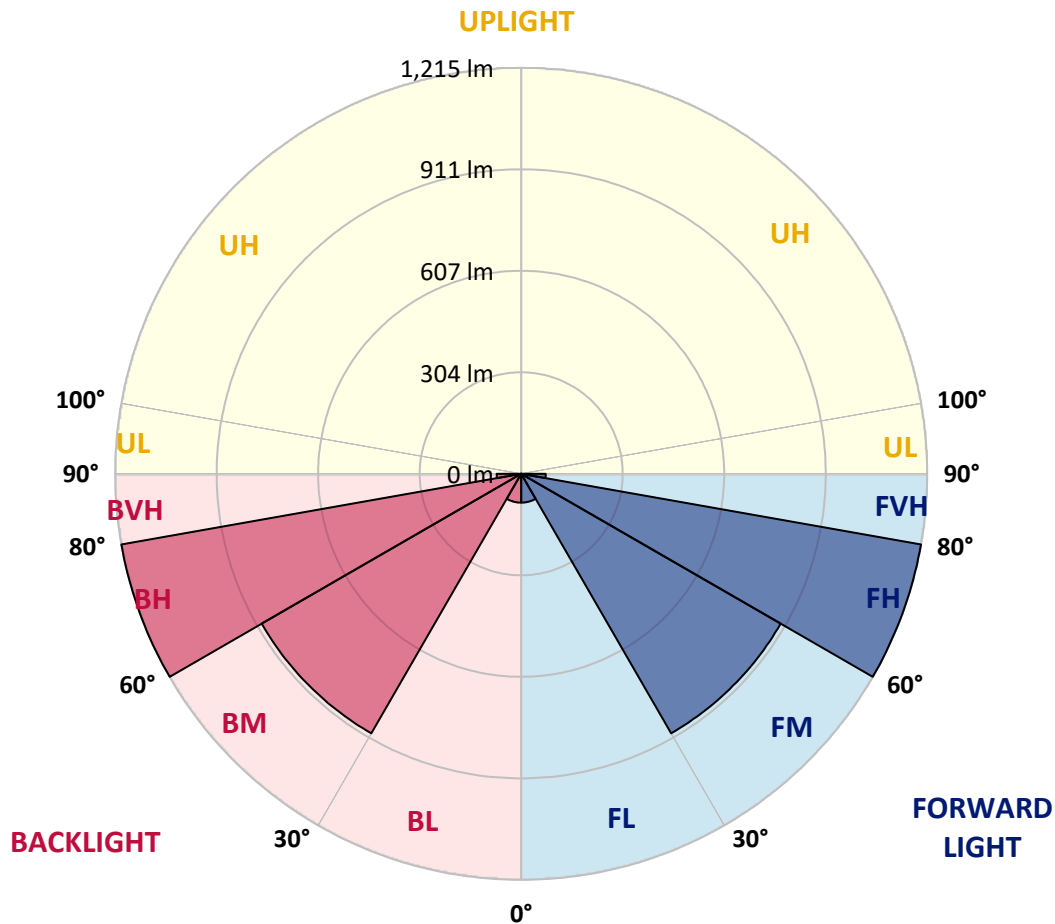
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	86.3	1.9			
FM	(30°-60°)	896.8	19.7			
FH	(60°-80°)	1215.0	26.7			G1/1800
FVH	(80°-90°)	73.4	1.6			G1/100
BL	(0°-30°)	86.3	1.9	B0/110		
BM	(30°-60°)	896.8	19.7	B1/1000		
BH	(60°-80°)	1215.0	26.7	B3/2500		G3/2500
BVH	(80°-90°)	73.4	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
2.5°	131.5	131.5	131.5	131.5	131.0	131.5	131.0	131.0	131.0	131.0	131.0
5°	133.5	134.0	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.0	134.0
7.5°	138.0	139.0	139.0	139.5	139.5	139.5	139.5	139.5	139.5	139.0	139.0
10°	145.0	145.5	146.0	146.0	146.0	146.5	147.5	147.5	147.5	147.0	148.0
12.5°	153.0	153.5	153.5	154.0	155.0	155.0	155.5	156.5	157.0	157.0	158.0
15°	162.5	163.5	163.5	163.5	165.5	166.0	167.0	168.0	169.0	169.0	170.0
17.5°	173.5	175.0	174.5	175.0	177.5	178.5	180.5	181.5	184.0	185.0	186.0
20°	187.0	188.5	188.0	189.0	191.0	193.5	195.5	199.5	202.0	202.0	204.0
22.5°	203.5	205.0	204.0	204.5	207.5	209.5	214.0	218.0	222.0	224.0	226.0
25°	222.5	224.5	223.0	224.0	227.0	229.5	235.0	242.0	246.5	250.0	253.0
27.5°	248.0	250.0	248.5	248.5	252.5	254.5	262.5	270.5	278.0	281.5	284.0
30°	276.0	279.0	276.5	276.5	281.0	283.0	292.5	304.5	315.0	321.0	325.0
32.5°	309.0	310.5	308.5	309.0	312.5	316.0	330.5	347.0	361.5	369.0	374.0
35°	347.5	350.5	345.5	344.5	350.0	357.0	375.5	400.5	422.0	432.5	438.0
37.5°	392.5	394.0	389.0	388.0	396.5	406.5	432.5	465.5	489.5	503.5	511.0
40°	444.0	448.5	440.5	441.0	449.5	464.5	498.0	537.5	570.0	587.0	595.0
42.5°	500.0	509.0	498.5	497.5	513.0	532.5	573.0	624.0	672.5	697.5	704.0
45°	562.0	575.5	565.5	564.5	585.5	611.0	668.0	746.0	809.0	855.0	863.0
47.5°	634.0	647.0	635.0	638.0	662.5	703.5	780.0	874.5	951.0	1001.0	1008.0
50°	718.0	720.0	712.5	715.5	758.5	812.0	906.0	1008.5	1120.6	1171.6	1175.1
52.5°	800.0	794.0	788.5	798.5	851.5	918.5	1036.0	1205.1	1362.6	1463.1	1481.1
55°	881.0	871.5	871.0	886.0	953.5	1046.6	1197.6	1410.1	1571.1	1655.1	1675.1
57.5°	958.5	954.5	955.0	967.5	1052.6	1170.6	1346.6	1540.1	1671.1	1728.1	1738.1
60°	1033.5	1040.6	1035.5	1056.1	1148.1	1266.1	1402.6	1590.1	1717.6	1767.1	1772.1
62.5°	1106.6	1113.6	1111.6	1128.1	1189.6	1288.6	1432.6	1651.1	1798.1	1868.6	1876.1
65°	1170.6	1178.1	1171.6	1159.1	1206.1	1304.1	1494.1	1710.1	1850.1	1914.1	1932.1
67.5°	1217.6	1219.6	1195.1	1162.1	1188.6	1269.6	1452.6	1659.6	1781.6	1823.6	1841.1
70°	1243.6	1228.6	1184.1	1120.1	1104.6	1167.1	1348.6	1530.6	1656.1	1699.1	1716.1
72.5°	1214.6	1193.1	1114.1	1012.5	963.0	1011.0	1188.6	1360.1	1463.6	1507.1	1528.1
75°	1112.6	1080.1	978.0	852.5	783.5	830.0	988.0	1141.6	1230.6	1264.1	1288.1
77.5°	911.5	887.0	783.5	655.5	584.5	618.0	755.0	875.5	966.0	990.0	1024.0
80°	637.5	610.5	543.0	435.5	370.0	386.0	490.0	586.0	664.5	696.5	728.0
82.5°	315.5	295.0	270.5	211.0	162.0	163.0	222.0	267.5	337.5	366.0	398.0
85°	11.5	13.0	15.5	19.0	15.0	11.5	21.5	25.5	17.5	27.5	17.0
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)