

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: P887702

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

Issue Date: 10/9/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P887702  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-3)  
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-CQ-TC  
Description: CQ  
3500K, 70 CRI LEDS, CONCENTRATED DISTRIBUTION AND TOTALCOMFORT ACCESSORY  
Light Source:  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

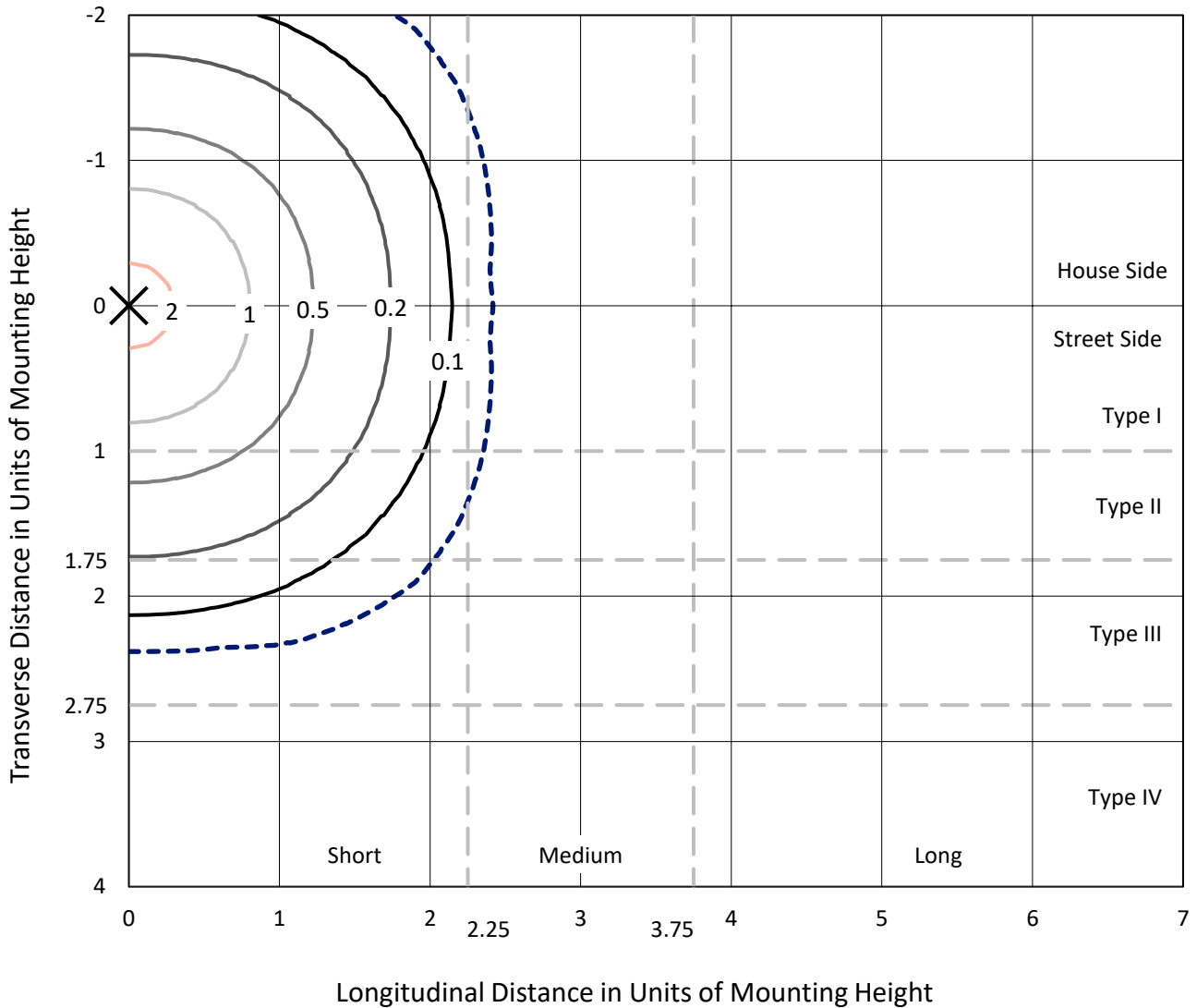
Lumens per Lamp: N/A  
Luminaire Lumens: 5419 lumens  
Efficiency: N/A  
Efficacy: 114.8 lumens/watt  
Luminous Opening: Circular (Dia: 1.12' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B2 - U0 - G1  
  
Input Watts (W): 47.2  
Input Voltage (V): 120.0  
Input Current (Ain): 0.39  
Voltage 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

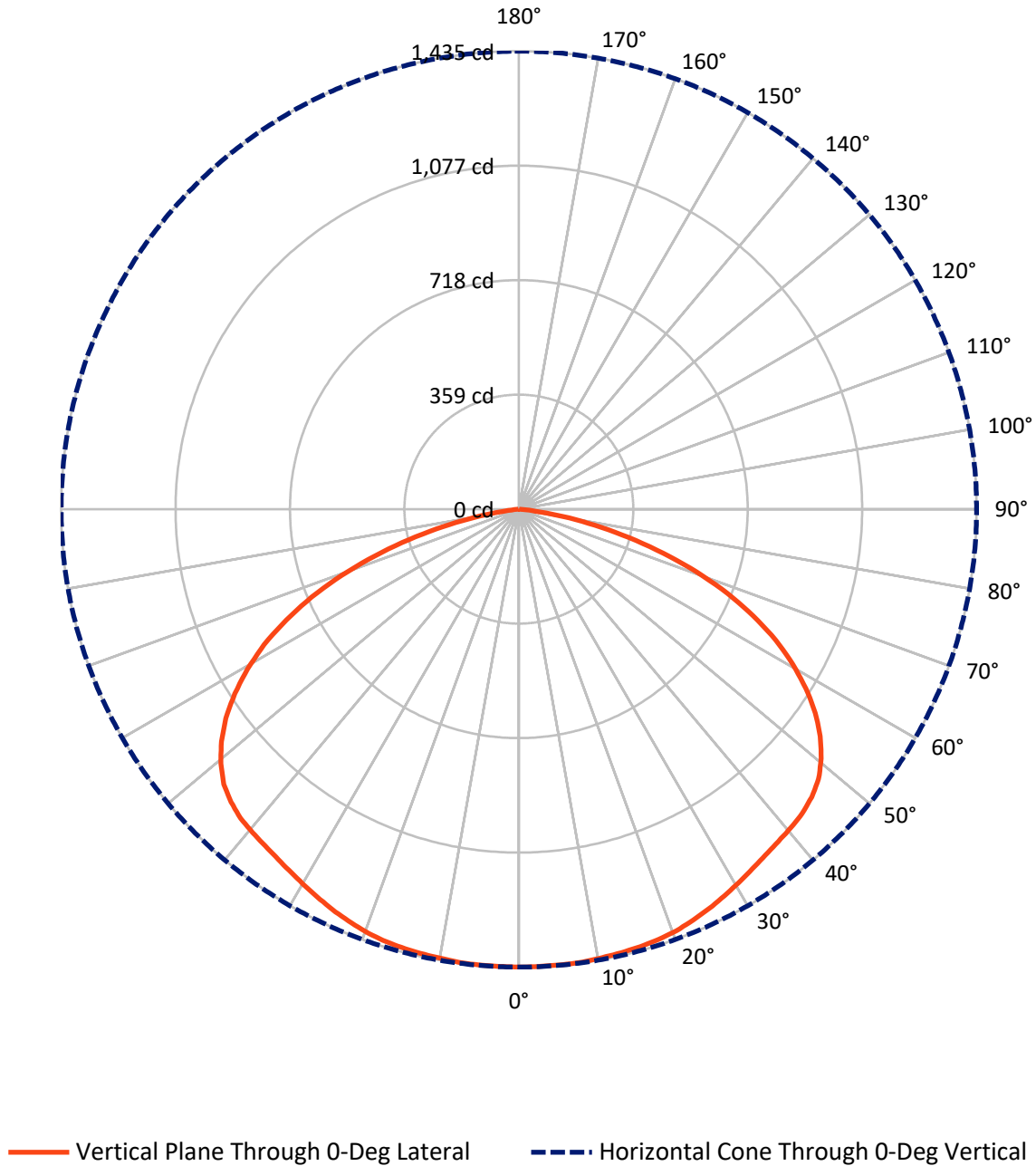
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.3 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



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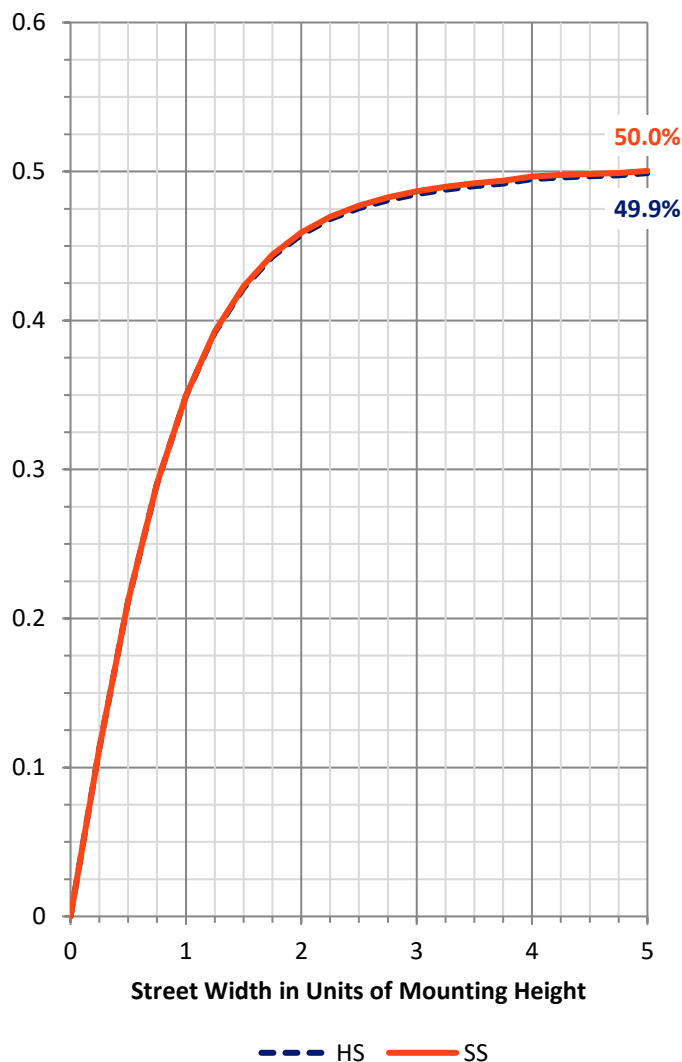
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2709.5	0.0	2709.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2709.5	0.0	2709.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5419.0	0.0	5419.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	136.8	2.5
10°-20°	403.0	7.4
20°-30°	642.2	11.9
30°-40°	843.9	15.6
40°-50°	1016.8	18.8
50°-60°	1060.6	19.6
60°-70°	858.1	15.8
70°-80°	415.9	7.7
80°-90°	41.8	0.8
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°	5419.0	100.0
0°-180°	5419.0	100.0

**Coefficient of Utilization**



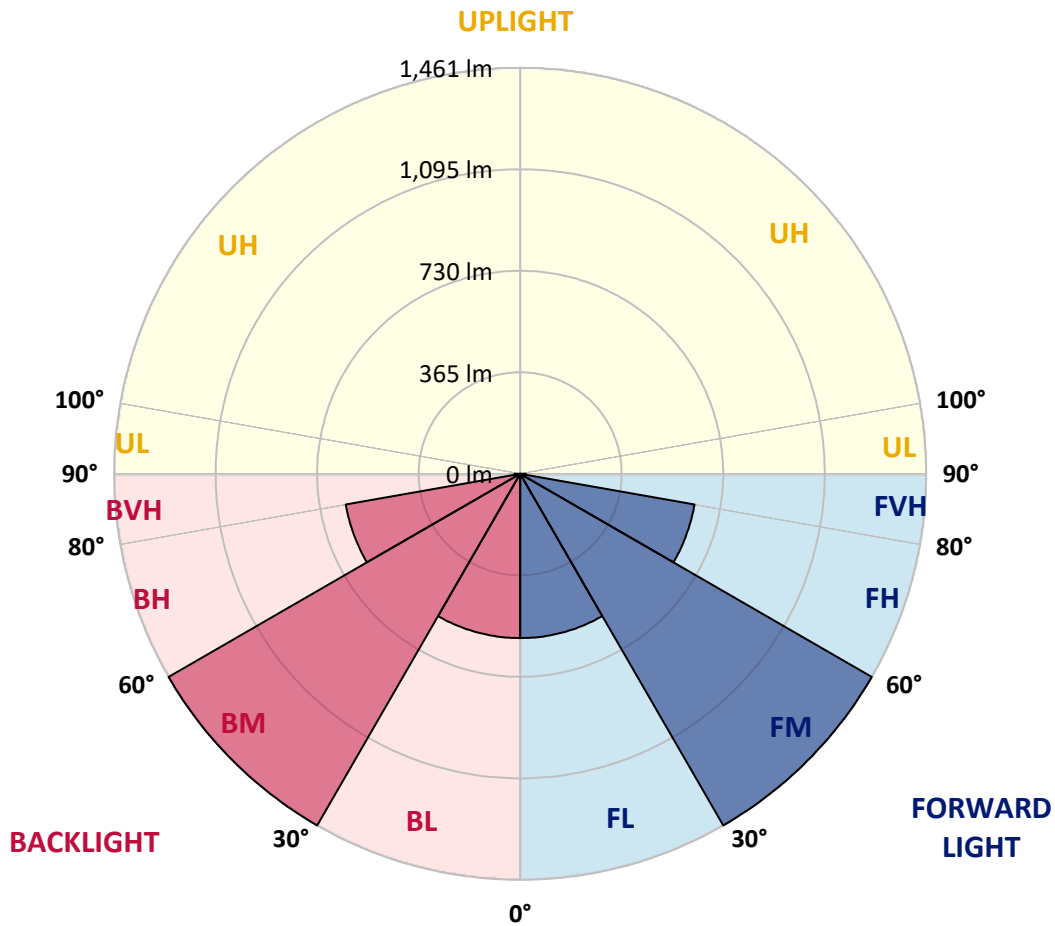
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	591.0	10.9			
FM (30°-60°)	1460.6	27.0			
FH (60°-80°)	637.0	11.8			G0/660
FVH (80°-90°)	20.9	0.4			G1/100
BL (0°-30°)	591.0	10.9	B2/1000		
BM (30°-60°)	1460.6	27.0	B2/2500		
BH (60°-80°)	637.0	11.8	B2/1000		G0/660
BVH (80°-90°)	20.9	0.4			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°	1435.4	1435.4	1435.4	1435.4	1435.4	1435.4	1435.4	1435.4	1435.4	1435.4	1435.4
2.5°	1434.4	1434.4	1434.4	1433.5	1433.5	1433.5	1433.5	1434.4	1434.4	1434.4	1434.4
5°	1434.4	1434.4	1434.4	1434.4	1433.5	1433.5	1433.5	1434.4	1434.4	1434.4	1434.4
7.5°	1433.5	1433.5	1433.5	1432.5	1432.5	1432.5	1432.5	1432.5	1432.5	1432.5	1432.5
10°	1429.7	1429.7	1430.6	1429.7	1429.7	1429.7	1429.7	1430.6	1429.7	1429.7	1429.7
12.5°	1426.8	1426.8	1426.8	1426.8	1425.9	1426.8	1425.9	1425.9	1425.9	1425.9	1425.9
15°	1423.0	1424.0	1423.0	1423.0	1424.0	1424.0	1423.0	1423.0	1422.1	1422.1	1422.1
17.5°	1418.3	1418.3	1419.3	1419.3	1420.2	1420.2	1419.3	1419.3	1418.3	1417.4	1417.4
20°	1410.7	1411.7	1411.7	1412.6	1413.6	1414.5	1413.6	1412.6	1411.7	1410.7	1409.8
22.5°	1399.3	1400.3	1401.2	1403.1	1404.1	1405.0	1403.1	1402.2	1401.2	1400.3	1400.3
25°	1387.0	1388.0	1388.9	1390.8	1391.8	1392.7	1391.8	1389.9	1388.9	1388.0	1388.0
27.5°	1372.8	1373.7	1374.7	1377.5	1378.5	1379.4	1377.5	1375.6	1373.7	1372.8	1372.8
30°	1358.6	1359.5	1361.4	1364.3	1367.1	1368.1	1364.3	1362.4	1359.5	1357.6	1357.6
32.5°	1344.4	1345.3	1347.2	1352.9	1355.7	1356.7	1354.8	1351.0	1346.3	1343.4	1342.5
35°	1332.0	1333.9	1337.7	1344.4	1348.1	1350.0	1348.1	1342.5	1335.8	1331.1	1331.1
37.5°	1321.6	1324.4	1330.1	1339.6	1347.2	1349.1	1346.3	1338.7	1329.2	1322.6	1321.6
40°	1313.1	1315.9	1324.4	1336.8	1347.2	1350.0	1346.3	1335.8	1323.5	1315.0	1313.1
42.5°	1303.6	1306.4	1317.8	1333.0	1345.3	1350.0	1345.3	1332.0	1315.9	1304.5	1303.6
45°	1287.5	1291.3	1304.5	1324.4	1339.6	1345.3	1339.6	1324.4	1304.5	1291.3	1290.3
47.5°	1264.7	1268.5	1283.7	1309.3	1327.3	1335.8	1330.1	1312.1	1290.3	1273.3	1271.4
50°	1228.7	1235.3	1251.4	1282.7	1303.6	1315.9	1311.2	1291.3	1265.7	1247.7	1245.8
52.5°	1183.2	1189.8	1209.7	1244.8	1268.5	1284.6	1279.9	1258.1	1231.5	1208.8	1207.8
55°	1128.2	1135.8	1156.6	1197.4	1224.0	1242.0	1236.3	1210.7	1181.3	1155.7	1154.7
57.5°	1061.8	1071.3	1094.1	1136.7	1167.1	1187.9	1179.4	1152.8	1118.7	1089.3	1090.3
60°	986.9	997.4	1021.1	1065.6	1097.9	1117.8	1110.2	1080.8	1044.8	1013.5	1014.4
62.5°	904.5	911.1	934.8	981.2	1013.5	1036.2	1024.9	994.5	957.5	925.3	930.1
65°	807.8	814.4	837.1	883.6	913.9	936.7	925.3	894.0	856.1	822.0	829.6
67.5°	706.3	708.2	725.3	773.6	802.1	823.9	811.5	781.2	745.2	713.9	719.6
70°	592.5	590.6	608.7	653.2	677.9	697.8	685.5	657.0	624.8	595.4	601.1
72.5°	474.0	472.1	486.4	527.1	543.2	566.0	554.6	528.1	502.5	473.1	478.8
75°	357.4	353.6	366.0	400.1	413.4	433.3	422.8	399.1	378.3	351.7	358.4
77.5°	243.7	240.8	250.3	278.7	287.3	307.2	293.0	276.8	259.8	233.2	242.7
80°	140.3	137.5	143.2	166.9	172.5	185.8	176.3	164.0	150.7	132.7	138.4
82.5°	52.1	54.0	56.9	72.1	77.7	90.1	80.6	71.1	61.6	50.2	54.0
85°	3.8	3.8	3.8	5.7	7.6	12.3	8.5	6.6	4.7	2.8	4.7
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)