

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: P887799

Luminaire Tested: **TT-D4-740-U-MQ-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887799
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-2)
Test Lab: INNOVATION CENTER
Issue Date: 10/9/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D4-740-U-MQ-TC
Description: MQ
4000K, 70 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6612 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: B3 - U0 - G1

Input Watts (W): 57.6
Input Voltage (V): 120.0
Input Current (Ain): 0.48
Voltage Rise (V): NR
Power Factor: 0.994
Total Harmonic Distortion (THDi): 10.3%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT



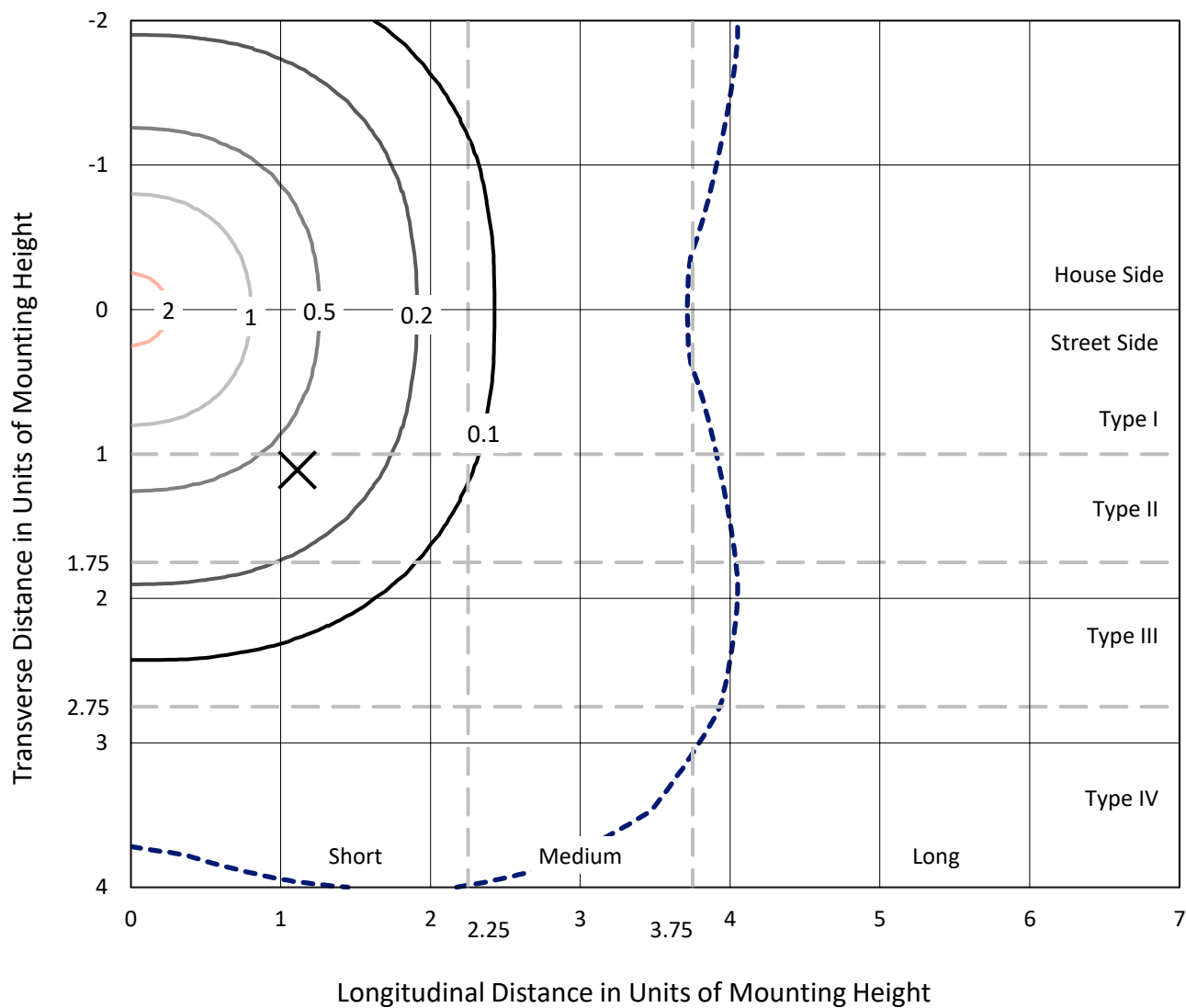
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

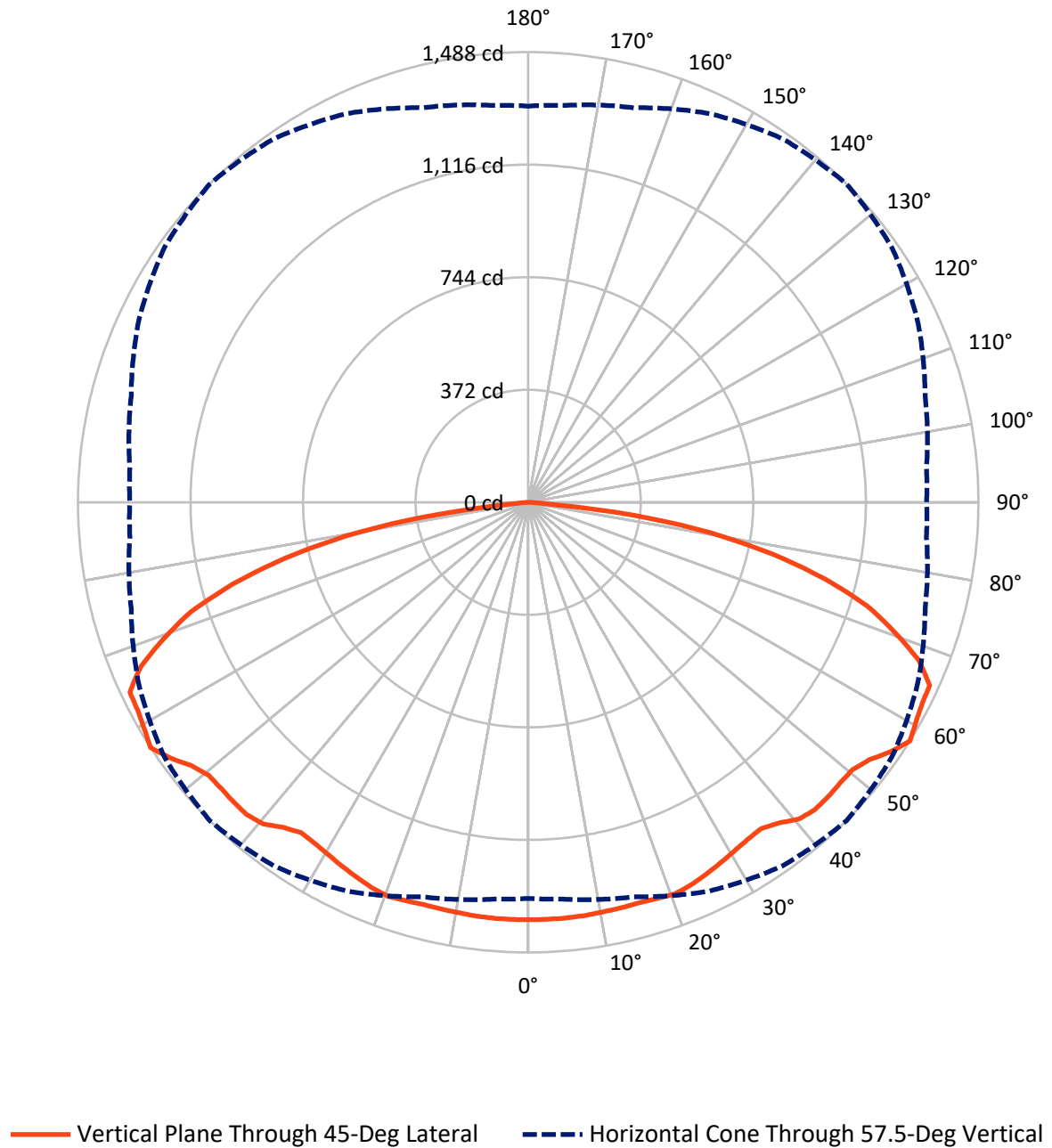


Based on 25 foot mounting height. Maximum calculated value = 2.2 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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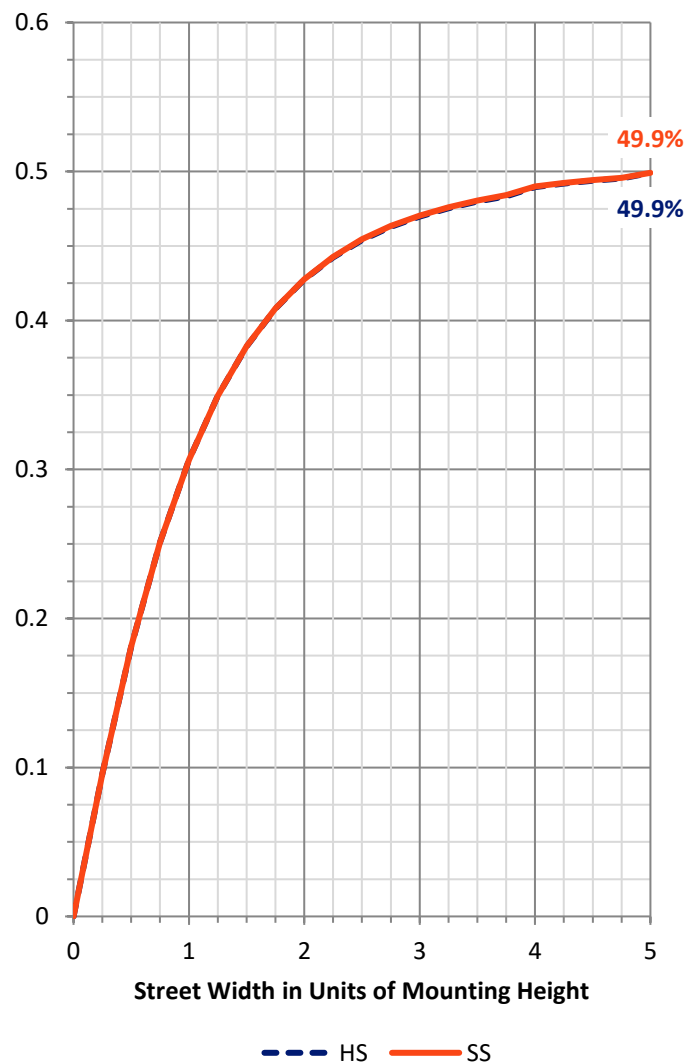
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3306.0	0.0	3306.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3306.0	0.0	3306.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6612.0	0.0	6612.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.6	2.0
10°-20°	389.7	5.9
20°-30°	628.2	9.5
30°-40°	833.7	12.6
40°-50°	1047.2	15.8
50°-60°	1234.9	18.7
60°-70°	1296.3	19.6
70°-80°	911.1	13.8
80°-90°	139.3	2.1
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°	6612.0	100.0
0°-180°	6612.0	100.0

Coefficient of Utilization



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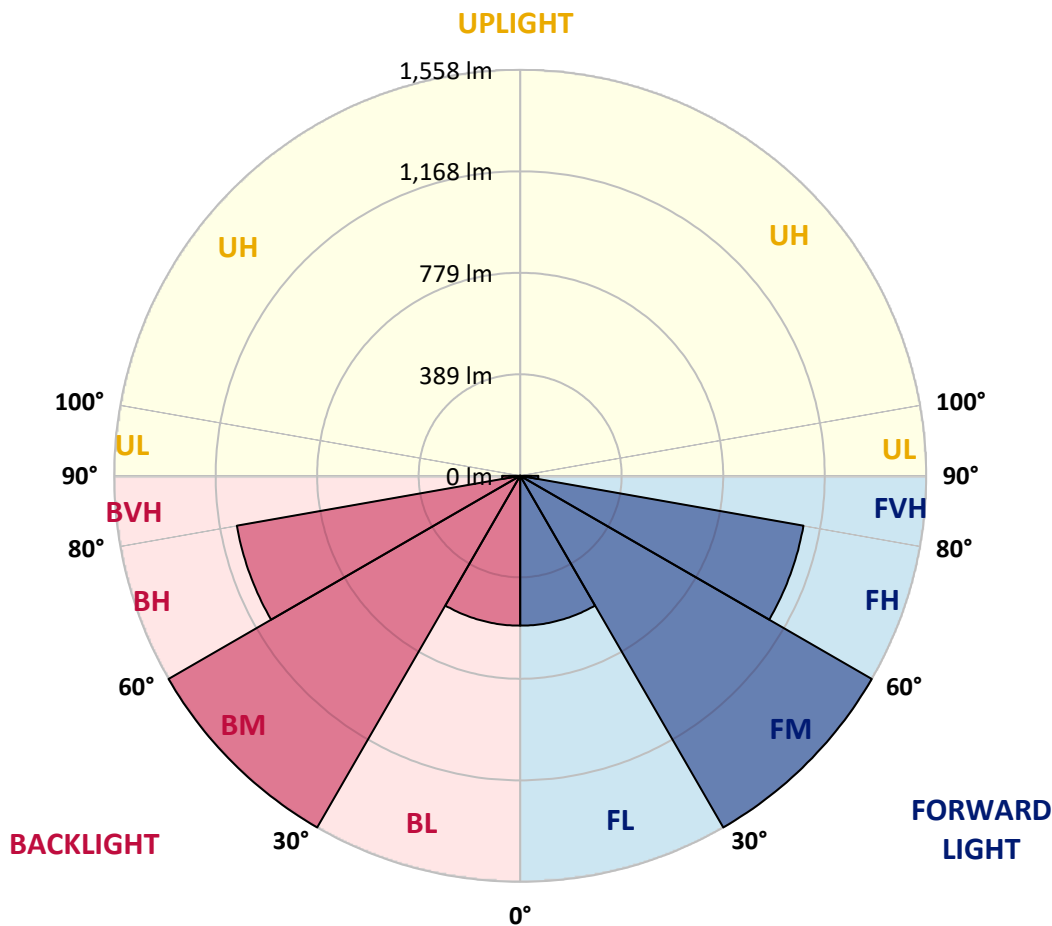
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	574.8	8.7			
FM	(30°-60°)	1557.9	23.6			
FH	(60°-80°)	1103.7	16.7			G1/1800
FVH	(80°-90°)	69.7	1.1			G1/100
BL	(0°-30°)	574.8	8.7	B2/1000		
BM	(30°-60°)	1557.9	23.6	B2/2500		
BH	(60°-80°)	1103.7	16.7	B3/2500		G1/1800
BVH	(80°-90°)	69.7	1.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5
2.5°	1380.7	1380.7	1380.7	1379.5	1378.3	1379.5	1378.3	1379.5	1379.5	1379.5	1380.7
5°	1380.7	1380.7	1380.7	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5	1379.5
7.5°	1379.5	1379.5	1378.3	1378.3	1378.3	1378.3	1378.3	1378.3	1378.3	1378.3	1378.3
10°	1378.3	1378.3	1377.2	1377.2	1376.0	1376.0	1376.0	1377.2	1377.2	1377.2	1377.2
12.5°	1374.8	1376.0	1376.0	1374.8	1374.8	1374.8	1373.6	1374.8	1374.8	1373.6	1373.6
15°	1372.4	1373.6	1373.6	1373.6	1373.6	1373.6	1372.4	1373.6	1372.4	1372.4	1372.4
17.5°	1372.4	1372.4	1373.6	1374.8	1376.0	1377.2	1374.8	1374.8	1372.4	1371.2	1371.2
20°	1374.8	1374.8	1376.0	1377.2	1380.7	1381.9	1380.7	1377.2	1376.0	1373.6	1373.6
22.5°	1367.6	1368.8	1370.0	1370.0	1372.4	1374.8	1373.6	1371.2	1368.8	1367.6	1367.6
25°	1358.1	1358.1	1358.1	1360.5	1362.9	1362.9	1361.7	1360.5	1358.1	1356.9	1356.9
27.5°	1345.0	1343.8	1345.0	1347.4	1349.8	1351.0	1349.8	1348.6	1345.0	1345.0	1343.8
30°	1330.7	1329.5	1331.9	1334.3	1337.9	1339.1	1337.9	1335.5	1331.9	1330.7	1329.5
32.5°	1316.5	1316.5	1318.8	1322.4	1327.2	1329.5	1327.2	1324.8	1318.8	1316.5	1316.5
35°	1303.4	1303.4	1309.3	1316.5	1322.4	1324.8	1322.4	1318.8	1311.7	1305.7	1305.7
37.5°	1304.5	1306.9	1315.3	1331.9	1341.4	1345.0	1342.6	1331.9	1320.0	1310.5	1306.9
40°	1322.4	1324.8	1339.1	1355.7	1371.2	1377.2	1372.4	1358.1	1341.4	1327.2	1324.8
42.5°	1323.6	1324.8	1341.4	1362.9	1380.7	1389.1	1383.1	1365.3	1345.0	1328.4	1326.0
45°	1314.1	1317.6	1336.7	1361.7	1380.7	1389.1	1380.7	1365.3	1340.3	1321.2	1320.0
47.5°	1304.5	1306.9	1328.4	1355.7	1378.3	1386.7	1379.5	1358.1	1330.7	1310.5	1309.3
50°	1297.4	1299.8	1318.8	1354.5	1379.5	1389.1	1380.7	1358.1	1324.8	1304.5	1303.4
52.5°	1295.0	1297.4	1328.4	1366.4	1404.5	1412.9	1403.3	1368.8	1333.1	1302.2	1302.2
55°	1301.0	1302.2	1343.8	1401.0	1436.7	1454.5	1439.0	1402.2	1352.2	1311.7	1306.9
57.5°	1309.3	1316.5	1349.8	1417.6	1466.4	1487.9	1467.6	1420.0	1358.1	1321.2	1316.5
60°	1280.7	1291.5	1337.9	1396.2	1452.1	1472.4	1455.7	1403.3	1337.9	1290.3	1289.1
62.5°	1229.6	1234.3	1297.4	1371.2	1435.5	1461.7	1439.0	1381.9	1302.2	1252.2	1246.2
65°	1215.3	1221.2	1266.5	1358.1	1424.8	1458.1	1435.5	1365.3	1273.6	1220.0	1215.3
67.5°	1128.4	1141.5	1206.9	1287.9	1362.9	1391.4	1370.0	1308.1	1206.9	1141.5	1132.0
70°	1024.8	1040.3	1102.2	1191.5	1254.6	1284.3	1258.1	1208.1	1101.0	1037.9	1027.2
72.5°	904.6	914.1	985.6	1058.2	1136.7	1172.4	1139.1	1074.8	982.0	905.8	901.0
75°	739.2	755.8	835.6	902.2	976.0	1014.1	989.1	914.1	826.1	743.9	738.0
77.5°	565.4	571.3	653.5	730.8	792.7	827.2	807.0	735.6	645.1	564.2	557.1
80°	374.9	379.7	445.2	515.4	574.9	613.0	589.2	524.9	426.1	367.8	359.5
82.5°	161.9	165.4	204.7	264.2	317.8	351.1	332.1	271.4	188.1	152.4	144.0
85°	13.1	11.9	13.1	15.5	15.5	32.1	27.4	23.8	9.5	11.9	9.5
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)