

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: P1212002

Luminaire Tested: **GKO-PB1E-735-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1212002
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1E-735-U-T1
Description: GEKKO WALL PACK 5000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

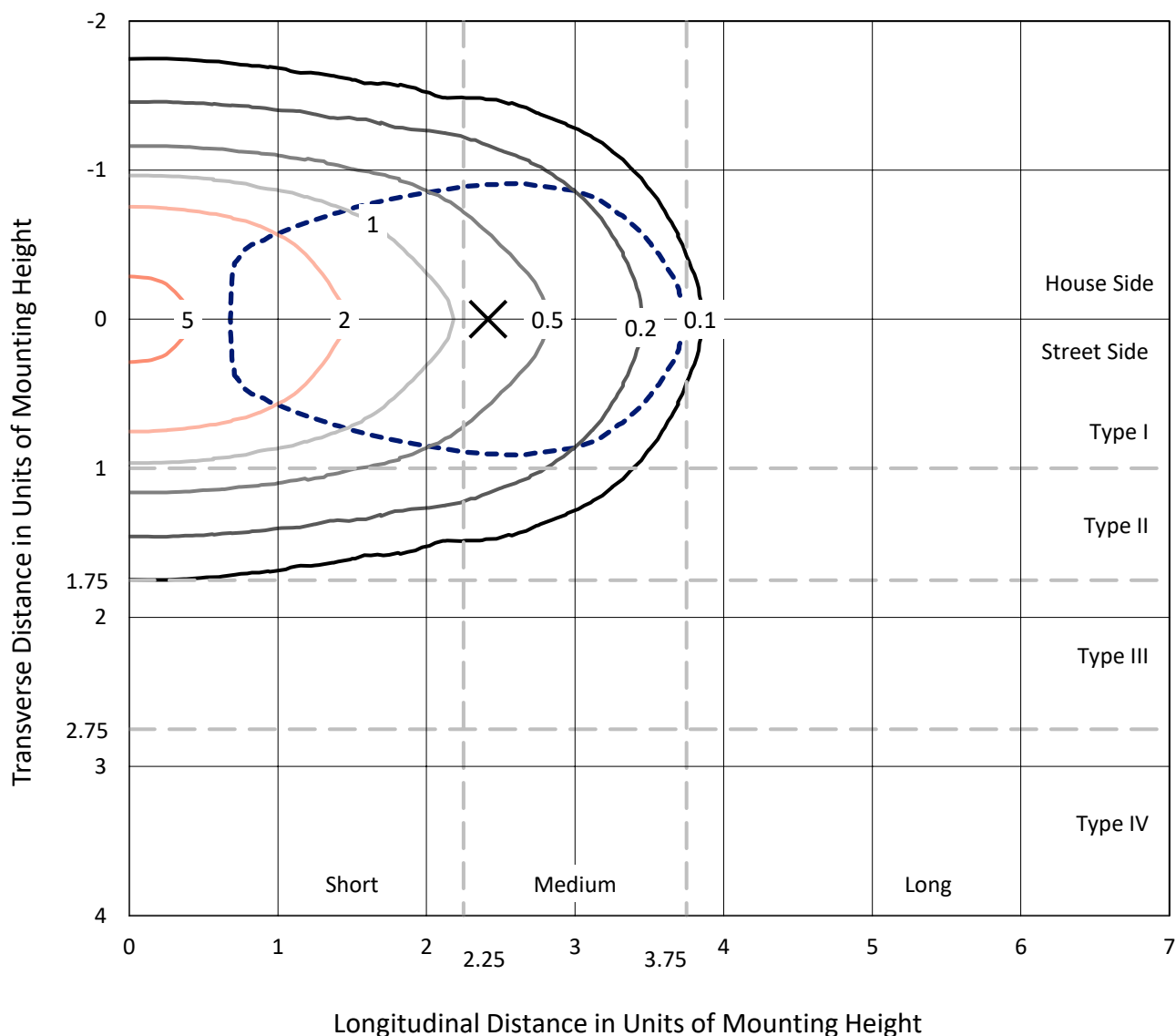
Lumens per Lamp: N/A
Luminaire Lumens: 5193.4 lumens
Efficiency: N/A
Efficacy: 134.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 9%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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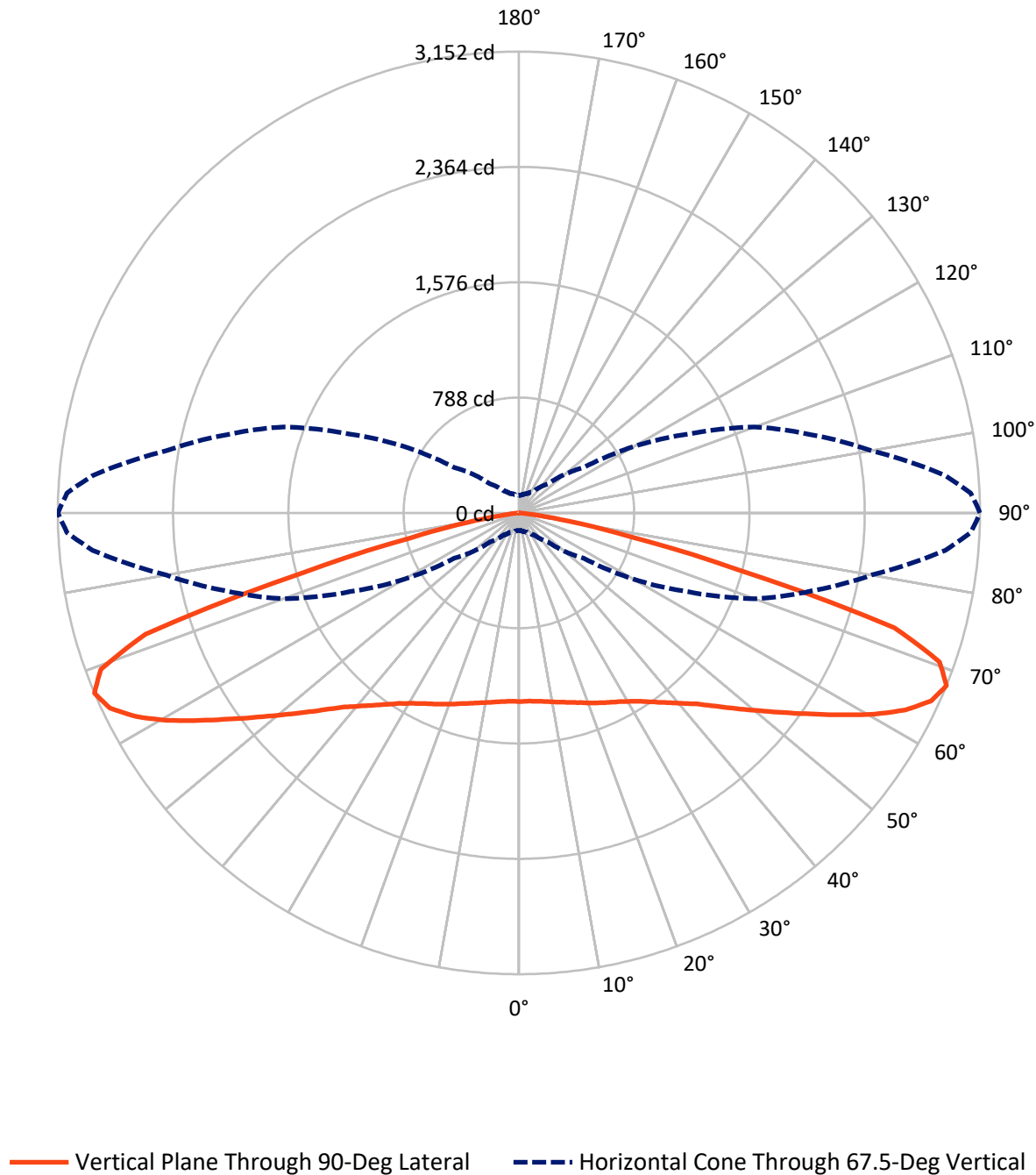
Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd



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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2596.7	0.0	2596.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2596.7	0.0	2596.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	5193.4	0.0	5193.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.6	2.4
10°-20°	372.4	7.2
20°-30°	619.3	11.9
30°-40°	822.7	15.8
40°-50°	927.5	17.9
50°-60°	953.8	18.4
60°-70°	901.3	17.4
70°-80°	441.2	8.5
80°-90°	31.6	0.6
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°	5193.4	100.0
0°-180°	5193.4	100.0

Coefficient of Utilization



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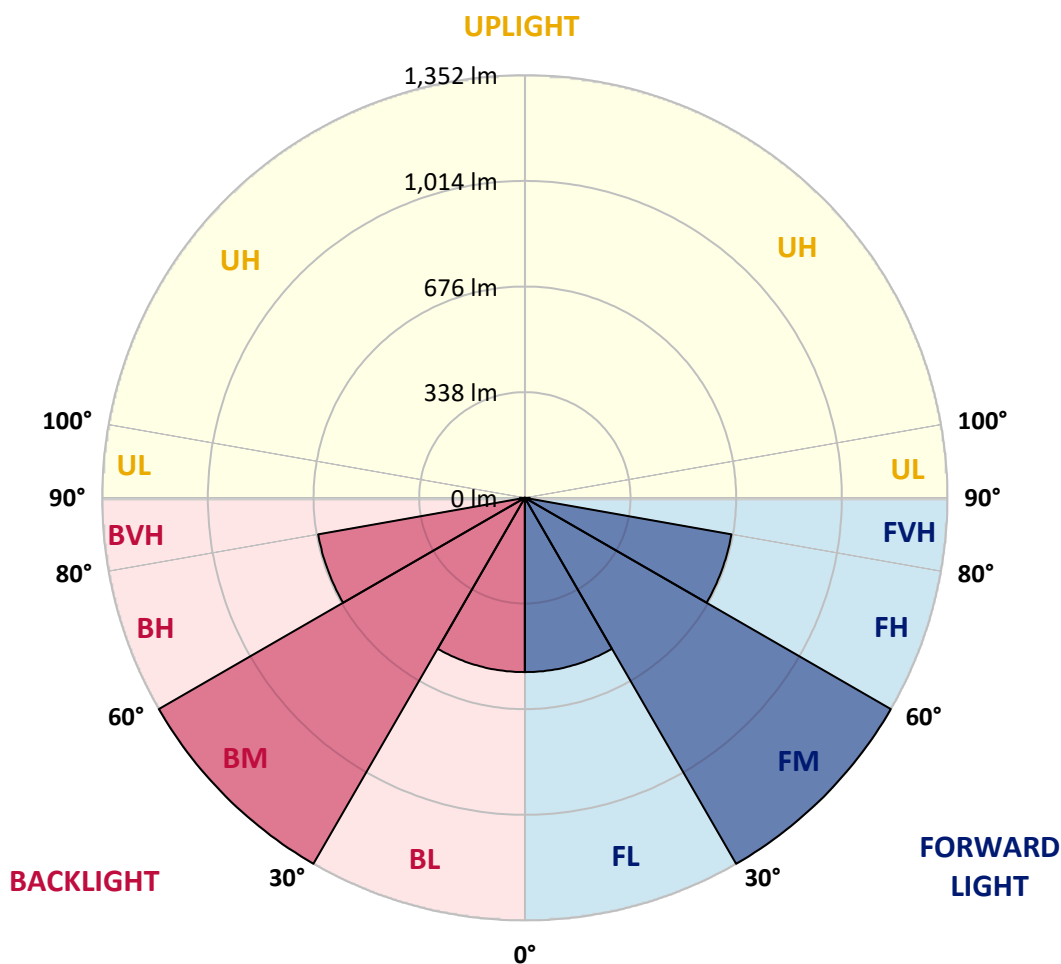
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	557.7	10.7			
FM	(30°-60°)	1352.0	26.0			
FH	(60°-80°)	671.3	12.9			G1/1800
FVH	(80°-90°)	15.8	0.3			G1/100
BL	(0°-30°)	557.7	10.7	B2/1000		
BM	(30°-60°)	1352.0	26.0	B2/2500		
BH	(60°-80°)	671.3	12.9	B2/1000		G2/1000
BVH	(80°-90°)	15.8	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	1288.7	1288.7	1288.7	1288.7	1288.7	1288.7	1288.7	1288.7	1288.7	1288.7	1288.7
2.5°	1289.7	1291.6	1287.7	1287.7	1289.7	1290.6	1290.6	1291.6	1289.7	1289.7	1288.7
5°	1289.7	1290.6	1288.7	1288.7	1290.6	1293.5	1292.5	1294.4	1294.4	1293.5	1293.5
7.5°	1288.7	1290.6	1288.7	1289.7	1292.5	1298.3	1298.3	1298.3	1300.2	1302.1	1302.1
10°	1287.7	1289.7	1290.6	1291.6	1295.4	1304.0	1305.9	1306.9	1309.8	1312.6	1312.6
12.5°	1283.0	1284.9	1287.7	1291.6	1298.3	1309.8	1313.6	1316.5	1321.3	1324.1	1326.0
15°	1276.3	1277.2	1283.9	1291.6	1302.1	1316.5	1324.1	1328.9	1335.6	1339.4	1342.3
17.5°	1266.7	1267.6	1278.2	1289.7	1305.0	1325.1	1337.5	1345.2	1351.9	1357.6	1361.5
20°	1254.2	1257.1	1269.6	1287.7	1309.8	1333.7	1351.9	1365.3	1372.0	1377.7	1383.5
22.5°	1238.9	1241.8	1257.1	1283.0	1314.6	1345.2	1369.1	1386.4	1395.0	1402.6	1409.3
25°	1215.9	1219.8	1238.0	1271.5	1316.5	1357.6	1388.3	1410.3	1418.0	1427.5	1433.3
27.5°	1180.5	1183.4	1205.4	1248.5	1310.7	1371.0	1410.3	1436.1	1444.8	1455.3	1461.0
30°	1125.0	1130.7	1157.5	1211.2	1296.4	1381.6	1436.1	1462.0	1472.5	1483.1	1490.7
32.5°	1053.2	1061.8	1091.5	1160.4	1268.6	1385.4	1463.9	1493.6	1507.0	1518.5	1528.1
35°	964.1	972.8	1008.2	1095.3	1224.6	1377.7	1491.7	1530.0	1546.3	1561.6	1573.1
37.5°	862.6	870.3	913.4	1013.0	1161.4	1353.8	1513.7	1570.2	1592.2	1612.3	1627.6
40°	760.2	768.8	815.7	922.0	1084.8	1307.9	1523.3	1614.2	1642.0	1667.8	1687.0
42.5°	649.1	659.7	712.3	825.3	995.7	1244.7	1515.6	1657.3	1691.8	1727.2	1755.9
45°	550.5	552.4	609.9	719.0	898.1	1163.3	1488.8	1698.5	1745.4	1795.2	1836.4
47.5°	455.7	459.6	509.4	617.5	796.6	1071.4	1440.0	1731.0	1805.7	1869.9	1930.2
50°	371.5	376.3	421.3	518.0	695.1	970.8	1373.9	1750.2	1857.4	1944.5	2028.8
52.5°	302.5	308.3	345.6	430.8	592.7	865.5	1292.5	1753.1	1904.3	2019.2	2131.2
55°	251.8	255.6	284.4	352.3	494.0	756.4	1199.7	1738.7	1935.0	2086.2	2235.6
57.5°	212.5	216.4	236.5	290.1	405.0	644.4	1086.7	1705.2	1951.2	2144.6	2340.9
60°	184.8	187.7	202.0	240.3	333.2	539.0	965.1	1645.8	1946.5	2181.0	2428.0
62.5°	164.7	165.6	178.1	204.9	274.8	439.5	828.2	1556.8	1907.2	2185.8	2487.4
65°	146.5	147.4	155.1	174.3	226.0	353.3	685.5	1434.2	1832.5	2152.3	2496.0
67.5°	118.7	120.6	132.1	146.5	185.7	279.6	540.0	1273.4	1715.7	2065.2	2447.2
70°	94.8	95.7	107.2	123.5	151.3	220.2	414.6	1057.0	1532.8	1923.5	2320.8
72.5°	70.8	72.8	83.3	99.6	123.5	170.4	299.7	799.5	1225.5	1621.9	2021.1
75°	56.5	57.4	61.3	76.6	95.7	129.3	202.0	484.5	738.2	1003.4	1238.9
77.5°	47.9	48.8	48.8	59.4	70.8	87.1	107.2	192.4	312.1	444.2	588.8
80°	39.3	41.2	37.3	44.0	50.7	50.7	49.8	91.9	147.4	208.7	273.8
82.5°	28.7	30.6	28.7	30.6	30.6	27.8	25.9	34.5	46.9	64.1	69.9
85°	20.1	21.1	23.0	21.1	20.1	16.3	12.4	9.6	5.7	6.7	9.6
87.5°	13.4	16.3	19.1	18.2	15.3	12.4	8.6	5.7	2.9	3.8	3.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	1288.7	1288.7	1288.7
2.5°	1289.7	1288.7	1287.7
5°	1294.4	1293.5	1292.5
7.5°	1301.2	1301.2	1301.2
10°	1311.7	1313.6	1313.6
12.5°	1325.1	1327.0	1327.0
15°	1341.4	1342.3	1344.2
17.5°	1361.5	1362.4	1362.4
20°	1385.4	1384.4	1386.4
22.5°	1409.3	1409.3	1409.3
25°	1434.2	1434.2	1434.2
27.5°	1463.0	1463.0	1461.0
30°	1494.6	1494.6	1494.6
32.5°	1532.8	1533.8	1534.8
35°	1581.7	1583.6	1586.5
37.5°	1637.2	1642.0	1644.9
40°	1703.3	1705.2	1710.0
42.5°	1777.0	1782.7	1783.7
45°	1868.9	1878.5	1882.3
47.5°	1977.1	1990.5	1997.2
50°	2097.7	2113.1	2122.6
52.5°	2228.9	2253.8	2265.3
55°	2368.7	2411.8	2424.2
57.5°	2526.7	2585.1	2602.3
60°	2681.8	2764.1	2791.9
62.5°	2813.9	2929.7	2964.2
65°	2906.8	3046.5	3097.3
67.5°	2925.9	3091.5	3151.9
70°	2811.0	2980.5	3050.4
72.5°	2444.3	2597.5	2684.6
75°	1443.8	1553.9	1527.1
77.5°	724.8	756.4	761.2
80°	317.9	337.0	344.7
82.5°	78.5	80.4	91.0
85°	10.5	12.4	11.5
87.5°	3.8	3.8	4.8
90°	0.0	0.0	0.0

(END OF REPORT)