

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: P1212008

Luminaire Tested: **GKO-PB2D-735-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1212008
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2D-735-U-T1
Description: GEKKO WALL PACK 10000LM PACKAGE 70CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (20) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

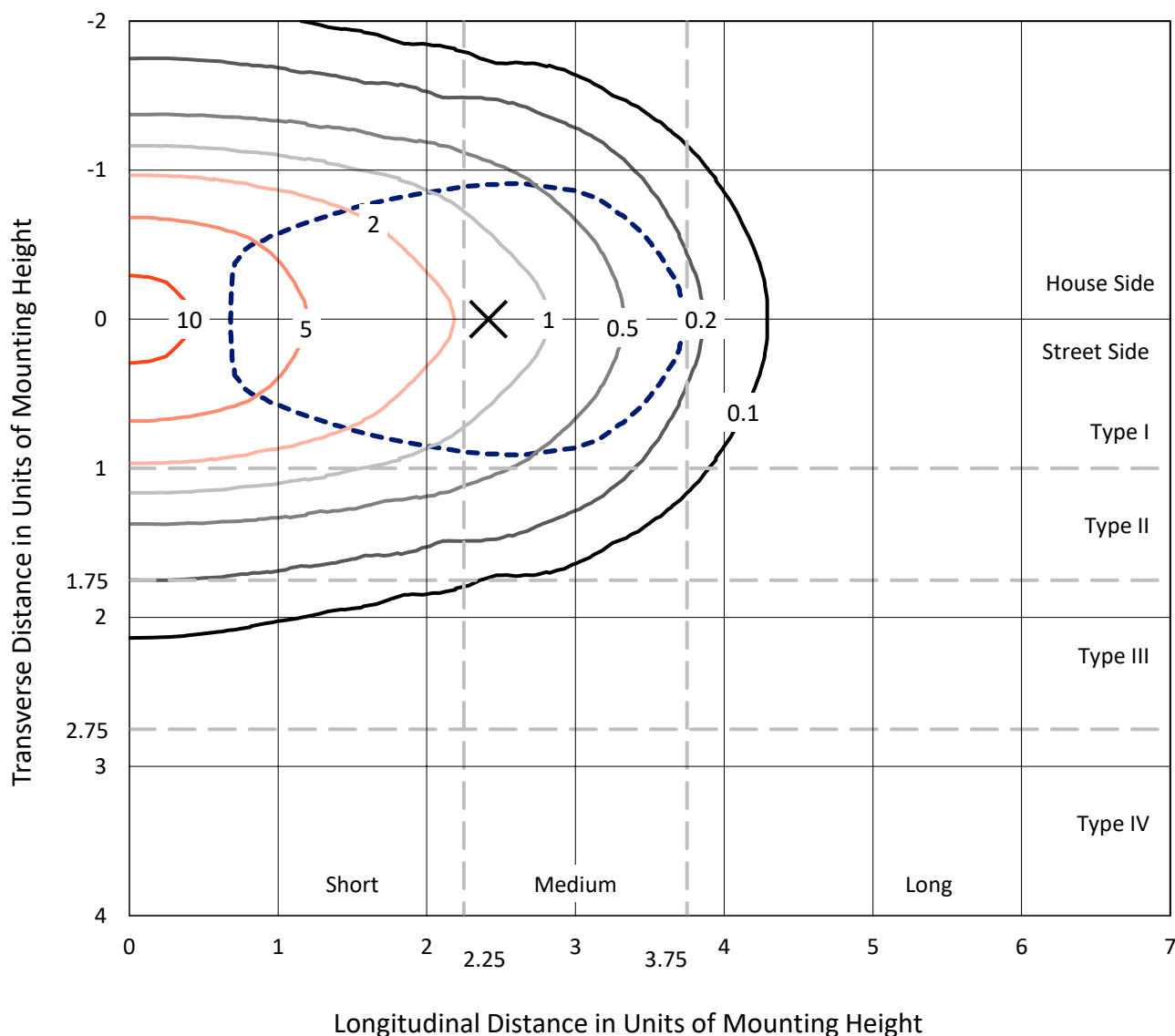
Lumens per Lamp: N/A
Luminaire Lumens: 10447.2 lumens
Efficiency: N/A
Efficacy: 137.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 76.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 8%
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

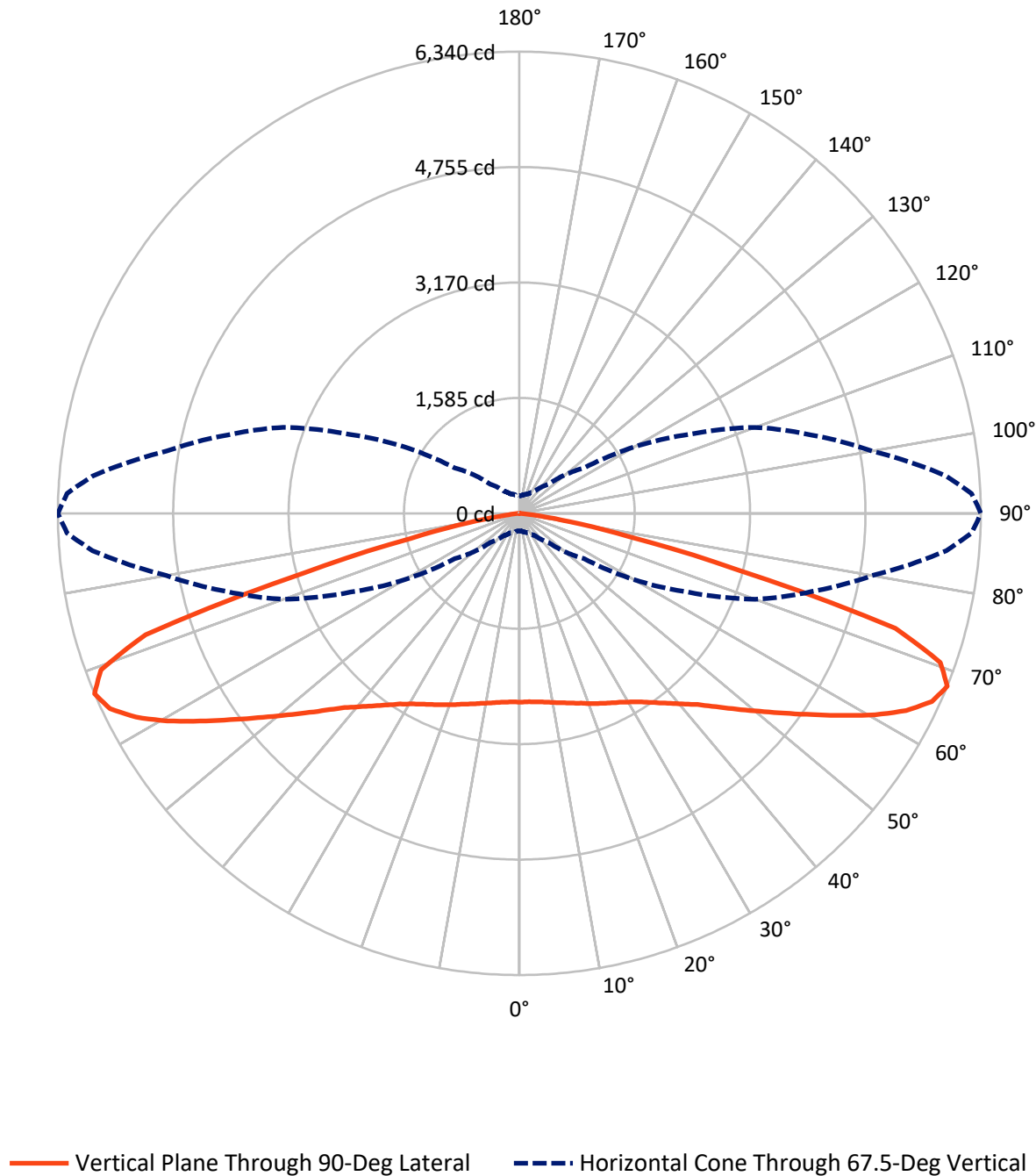
✕ Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 11.5 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5223.6	0.0	5223.6
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5223.6	0.0	5223.6
	% Fixture	50.0	0.0	50.0
Total	Lumens	10447.2	0.0	10447.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.6	2.4
10°-20°	749.2	7.2
20°-30°	1245.8	11.9
30°-40°	1655.0	15.8
40°-50°	1865.8	17.9
50°-60°	1918.6	18.4
60°-70°	1813.1	17.4
70°-80°	887.6	8.5
80°-90°	63.5	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°	10447.2	100.0
0°-180°	10447.2	100.0

Coefficient of Utilization



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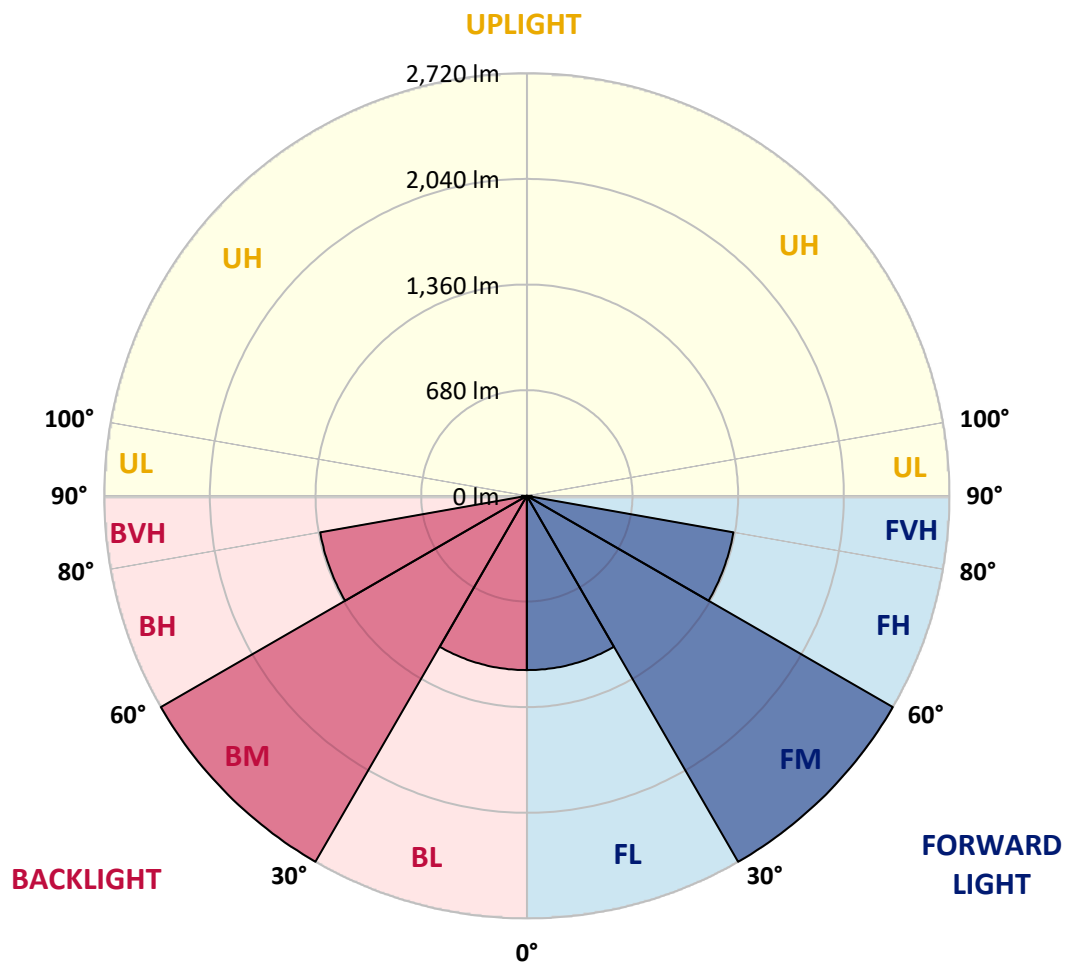
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1121.8	10.7			
FM	(30°-60°)	2719.7	26.0			
FH	(60°-80°)	1350.3	12.9			G1/1800
FVH	(80°-90°)	31.7	0.3			G1/100
BL	(0°-30°)	1121.8	10.7	B3/2500		
BM	(30°-60°)	2719.7	26.0	B3/5000		
BH	(60°-80°)	1350.3	12.9	B3/2500		G3/2500
BVH	(80°-90°)	31.7	0.3			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 I Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	2592.4	2592.4	2592.4	2592.4	2592.4	2592.4	2592.4	2592.4	2592.4	2592.4	2592.4
2.5°	2594.3	2598.1	2590.4	2590.4	2594.3	2596.2	2596.2	2598.1	2594.3	2594.3	2592.4
5°	2594.3	2596.2	2592.4	2592.4	2596.2	2602.0	2600.1	2603.9	2603.9	2602.0	2602.0
7.5°	2592.4	2596.2	2592.4	2594.3	2600.1	2611.6	2611.6	2611.6	2615.5	2619.3	2619.3
10°	2590.4	2594.3	2596.2	2598.1	2605.9	2623.2	2627.0	2629.0	2634.7	2640.5	2640.5
12.5°	2580.8	2584.7	2590.4	2598.1	2611.6	2634.7	2642.4	2648.2	2657.9	2663.6	2667.5
15°	2567.3	2569.3	2582.7	2598.1	2619.3	2648.2	2663.6	2673.3	2686.7	2694.4	2700.2
17.5°	2548.1	2550.0	2571.2	2594.3	2625.1	2665.6	2690.6	2706.0	2719.5	2731.0	2738.7
20°	2523.0	2528.8	2553.8	2590.4	2634.7	2682.9	2719.5	2746.4	2759.9	2771.5	2783.0
22.5°	2492.2	2498.0	2528.8	2580.8	2644.4	2706.0	2754.2	2788.8	2806.2	2821.6	2835.0
25°	2446.0	2453.7	2490.3	2557.7	2648.2	2731.0	2792.7	2837.0	2852.4	2871.6	2883.2
27.5°	2374.7	2380.5	2424.8	2511.5	2636.7	2758.0	2837.0	2889.0	2906.3	2927.5	2939.0
30°	2263.0	2274.6	2328.5	2436.4	2607.8	2779.2	2889.0	2941.0	2962.2	2983.3	2998.8
32.5°	2118.6	2135.9	2195.6	2334.3	2551.9	2786.9	2944.8	3004.5	3031.5	3054.6	3073.9
35°	1939.5	1956.8	2028.1	2203.3	2463.3	2771.5	3000.7	3077.7	3110.5	3141.3	3164.4
37.5°	1735.3	1750.7	1837.4	2037.7	2336.2	2723.3	3045.0	3158.6	3202.9	3243.3	3274.2
40°	1529.2	1546.6	1640.9	1854.7	2182.1	2630.9	3064.2	3247.2	3303.1	3355.1	3393.6
42.5°	1305.8	1327.0	1432.9	1660.2	2003.0	2503.8	3048.8	3333.9	3403.2	3474.5	3532.2
45°	1107.4	1111.3	1226.8	1446.4	1806.6	2340.1	2994.9	3416.7	3511.1	3611.2	3694.0
47.5°	916.8	924.5	1024.6	1242.3	1602.4	2155.2	2896.7	3482.2	3632.4	3761.4	3882.8
50°	747.3	756.9	847.4	1042.0	1398.3	1952.9	2763.8	3520.7	3736.4	3911.7	4081.2
52.5°	608.6	620.2	695.3	866.7	1192.2	1741.1	2600.1	3526.5	3830.8	4061.9	4287.2
55°	506.5	514.2	572.0	708.8	993.8	1521.5	2413.3	3497.6	3892.4	4196.7	4497.2
57.5°	427.6	435.3	475.7	583.6	814.7	1296.2	2186.0	3430.2	3925.1	4314.2	4709.0
60°	371.7	377.5	406.4	483.4	670.2	1084.3	1941.4	3310.8	3915.5	4387.4	4884.3
62.5°	331.3	333.2	358.2	412.2	552.8	884.0	1666.0	3131.6	3836.6	4397.0	5003.7
65°	294.7	296.6	312.0	350.5	454.5	710.7	1379.0	2885.1	3686.3	4329.6	5021.0
67.5°	238.8	242.7	265.8	294.7	373.6	562.4	1086.3	2561.6	3451.4	4154.3	4922.8
70°	190.7	192.6	215.7	248.5	304.3	443.0	833.9	2126.3	3083.5	3869.3	4668.6
72.5°	142.5	146.4	167.6	200.3	248.5	342.8	602.8	1608.2	2465.3	3262.6	4065.7
75°	113.6	115.6	123.3	154.1	192.6	260.0	406.4	974.5	1484.9	2018.4	2492.2
77.5°	96.3	98.2	98.2	119.4	142.5	175.3	215.7	387.1	627.9	893.7	1184.5
80°	79.0	82.8	75.1	88.6	102.1	102.1	100.2	184.9	296.6	419.9	550.8
82.5°	57.8	61.6	57.8	61.6	61.6	55.9	52.0	69.3	94.4	129.0	140.6
85°	40.4	42.4	46.2	42.4	40.4	32.7	25.0	19.3	11.6	13.5	19.3
87.5°	27.0	32.7	38.5	36.6	30.8	25.0	17.3	11.6	5.8	7.7	7.7
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°	2592.4	2592.4	2592.4
2.5°	2594.3	2592.4	2590.4
5°	2603.9	2602.0	2600.1
7.5°	2617.4	2617.4	2617.4
10°	2638.6	2642.4	2642.4
12.5°	2665.6	2669.4	2669.4
15°	2698.3	2700.2	2704.1
17.5°	2738.7	2740.7	2740.7
20°	2786.9	2785.0	2788.8
22.5°	2835.0	2835.0	2835.0
25°	2885.1	2885.1	2885.1
27.5°	2942.9	2942.9	2939.0
30°	3006.5	3006.5	3006.5
32.5°	3083.5	3085.4	3087.3
35°	3181.7	3185.6	3191.3
37.5°	3293.4	3303.1	3308.8
40°	3426.3	3430.2	3439.8
42.5°	3574.6	3586.2	3588.1
45°	3759.5	3778.8	3786.5
47.5°	3977.1	4004.1	4017.6
50°	4219.8	4250.6	4269.9
52.5°	4483.7	4533.8	4556.9
55°	4764.9	4851.5	4876.6
57.5°	5082.7	5200.1	5234.8
60°	5394.7	5560.3	5616.2
62.5°	5660.5	5893.5	5962.8
65°	5847.3	6128.5	6230.5
67.5°	5885.8	6219.0	6340.3
70°	5654.7	5995.6	6136.2
72.5°	4917.0	5225.2	5400.4
75°	2904.4	3125.9	3071.9
77.5°	1458.0	1521.5	1531.2
80°	639.4	677.9	693.4
82.5°	157.9	161.8	183.0
85°	21.2	25.0	23.1
87.5°	7.7	7.7	9.6
90°	0.0	0.0	0.0

(END OF REPORT)