

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: P1212035

Luminaire Tested: **GKO-PB1B-835-U-T1**

Issue Date: 11/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1212035
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-835-U-T1
Description: GEKKO WALL PACK 1500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

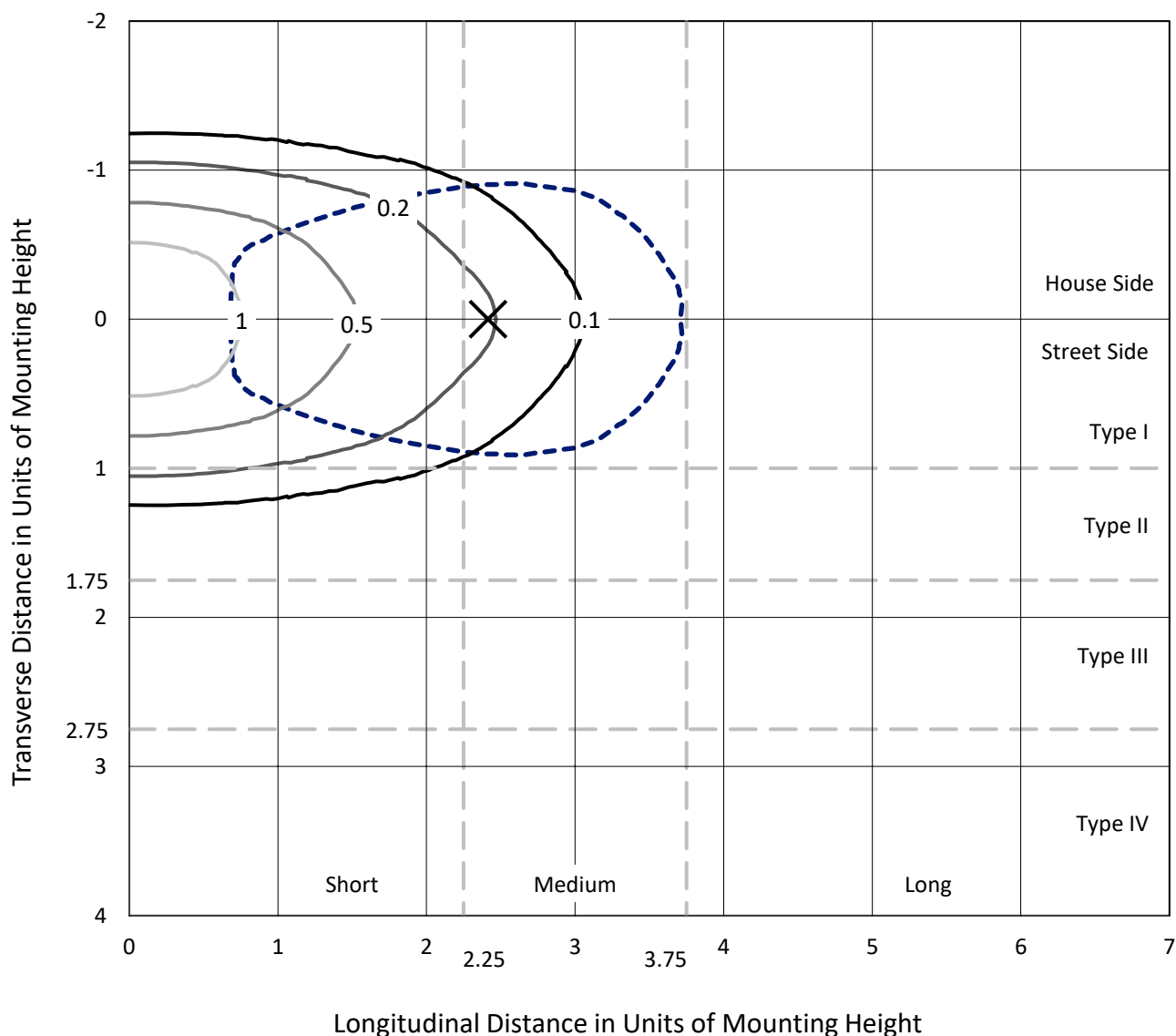
Lumens per Lamp: N/A
Luminaire Lumens: 1409.4 lumens
Efficiency: N/A
Efficacy: 151.6 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
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

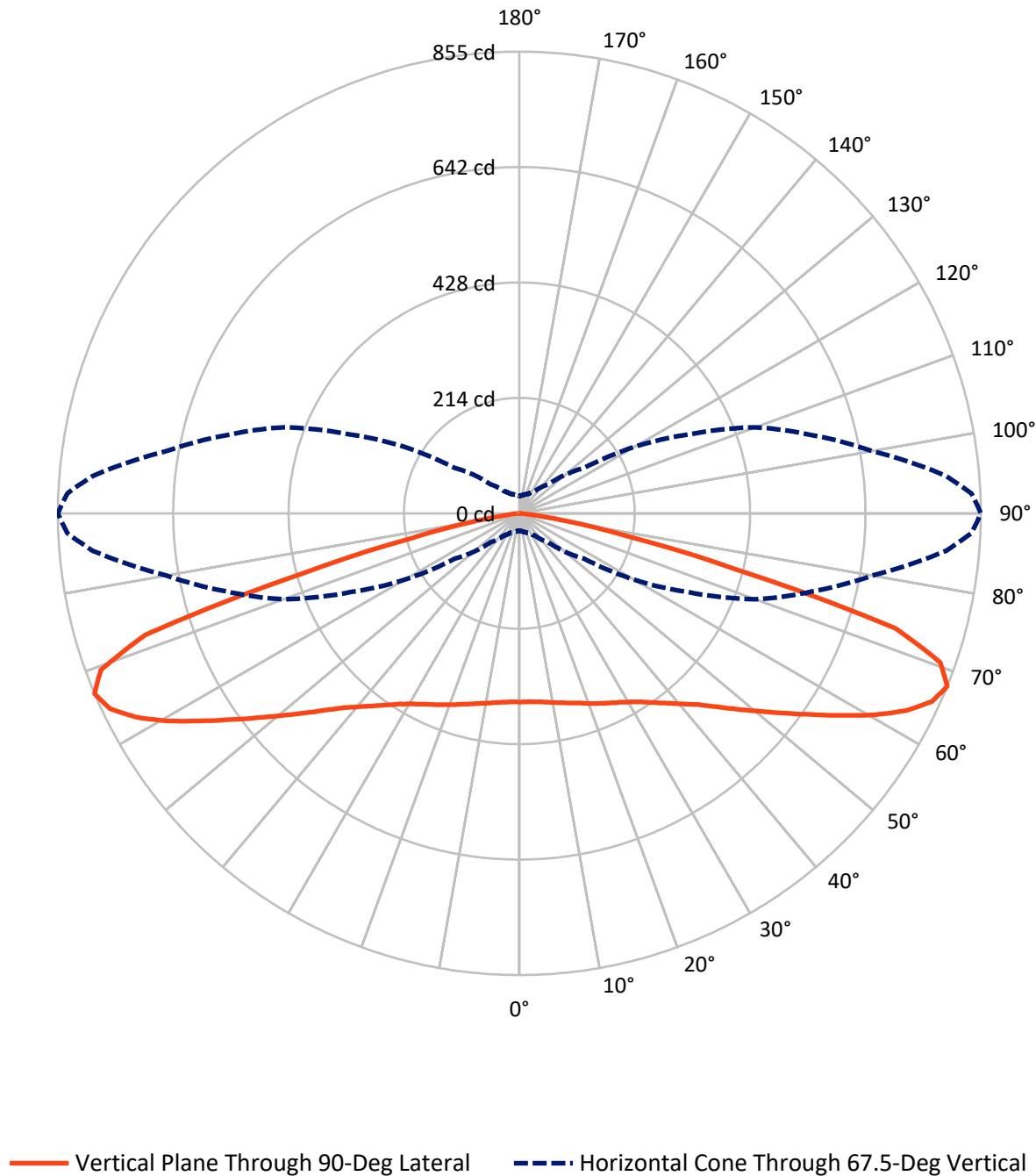
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.6 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	704.7	0.0	704.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	704.7	0.0	704.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	1409.4	0.0	1409.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.5	2.4
10°-20°	101.1	7.2
20°-30°	168.1	11.9
30°-40°	223.3	15.8
40°-50°	251.7	17.9
50°-60°	258.8	18.4
60°-70°	244.6	17.4
70°-80°	119.7	8.5
80°-90°	8.6	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°	1409.4	100.0
0°-180°	1409.4	100.0



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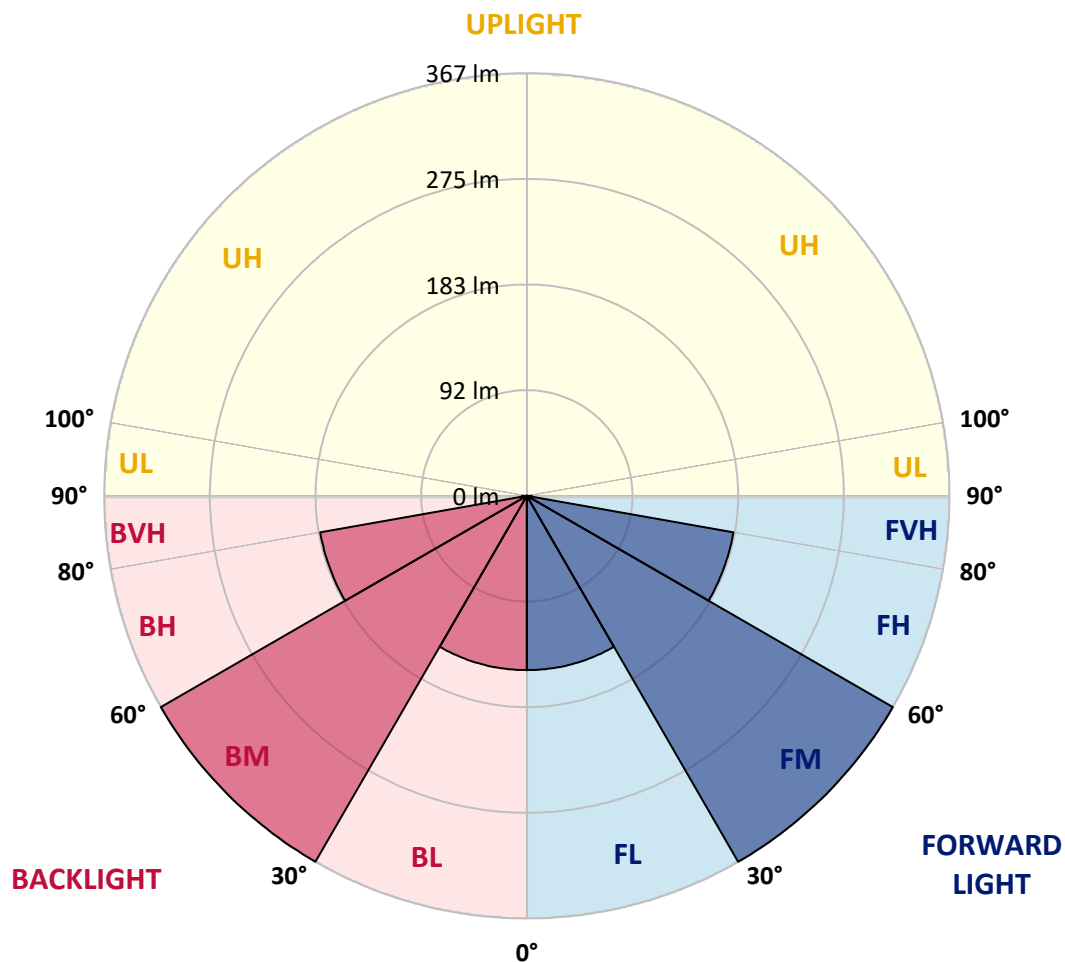
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	151.3	10.7			
FM	(30°-60°)	366.9	26.0			
FH	(60°-80°)	182.2	12.9			G0/660
FVH	(80°-90°)	4.3	0.3			G0/10
BL	(0°-30°)	151.3	10.7	B1/500		
BM	(30°-60°)	366.9	26.0	B1/1000		
BH	(60°-80°)	182.2	12.9	B1/500		G1/500
BVH	(80°-90°)	4.3	0.3			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type I Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7
2.5°	350.0	350.5	349.5	349.5	350.0	350.3	350.3	350.5	350.0	350.0	349.7
5°	350.0	350.3	349.7	349.7	350.3	351.0	350.8	351.3	351.3	351.0	351.0
7.5°	349.7	350.3	349.7	350.0	350.8	352.3	352.3	352.3	352.9	353.4	353.4
10°	349.5	350.0	350.3	350.5	351.6	353.9	354.4	354.7	355.5	356.2	356.2
12.5°	348.2	348.7	349.5	350.5	352.3	355.5	356.5	357.3	358.6	359.4	359.9
15°	346.4	346.6	348.4	350.5	353.4	357.3	359.4	360.7	362.5	363.5	364.3
17.5°	343.8	344.0	346.9	350.0	354.2	359.6	363.0	365.1	366.9	368.4	369.5
20°	340.4	341.2	344.5	349.5	355.5	362.0	366.9	370.5	372.3	373.9	375.5
22.5°	336.2	337.0	341.2	348.2	356.8	365.1	371.6	376.2	378.6	380.7	382.5
25°	330.0	331.0	336.0	345.1	357.3	368.4	376.8	382.7	384.8	387.4	389.0
27.5°	320.4	321.2	327.1	338.8	355.7	372.1	382.7	389.8	392.1	395.0	396.5
30°	305.3	306.9	314.1	328.7	351.8	374.9	389.8	396.8	399.6	402.5	404.6
32.5°	285.8	288.2	296.2	314.9	344.3	376.0	397.3	405.3	409.0	412.1	414.7
35°	261.7	264.0	273.6	297.3	332.3	373.9	404.8	415.2	419.6	423.8	426.9
37.5°	234.1	236.2	247.9	274.9	315.2	367.4	410.8	426.1	432.1	437.6	441.7
40°	206.3	208.6	221.4	250.2	294.4	354.9	413.4	438.1	445.6	452.6	457.8
42.5°	176.2	179.0	193.3	224.0	270.2	337.8	411.3	449.8	459.1	468.7	476.5
45°	149.4	149.9	165.5	195.1	243.7	315.7	404.0	461.0	473.7	487.2	498.4
47.5°	123.7	124.7	138.2	167.6	216.2	290.8	390.8	469.8	490.1	507.5	523.8
50°	100.8	102.1	114.3	140.6	188.6	263.5	372.9	475.0	504.1	527.7	550.6
52.5°	82.1	83.7	93.8	116.9	160.8	234.9	350.8	475.8	516.8	548.0	578.4
55°	68.3	69.4	77.2	95.6	134.1	205.3	325.6	471.9	525.1	566.2	606.7
57.5°	57.7	58.7	64.2	78.7	109.9	174.9	294.9	462.8	529.5	582.0	635.3
60°	50.1	50.9	54.8	65.2	90.4	146.3	261.9	446.7	528.2	591.9	658.9
62.5°	44.7	45.0	48.3	55.6	74.6	119.3	224.8	422.5	517.6	593.2	675.1
65°	39.8	40.0	42.1	47.3	61.3	95.9	186.0	389.2	497.3	584.1	677.4
67.5°	32.2	32.7	35.9	39.8	50.4	75.9	146.5	345.6	465.6	560.5	664.1
70°	25.7	26.0	29.1	33.5	41.1	59.8	112.5	286.9	416.0	522.0	629.8
72.5°	19.2	19.7	22.6	27.0	33.5	46.3	81.3	217.0	332.6	440.2	548.5
75°	15.3	15.6	16.6	20.8	26.0	35.1	54.8	131.5	200.3	272.3	336.2
77.5°	13.0	13.3	13.3	16.1	19.2	23.6	29.1	52.2	84.7	120.6	159.8
80°	10.7	11.2	10.1	12.0	13.8	13.8	13.5	24.9	40.0	56.6	74.3
82.5°	7.8	8.3	7.8	8.3	8.3	7.5	7.0	9.4	12.7	17.4	19.0
85°	5.5	5.7	6.2	5.7	5.5	4.4	3.4	2.6	1.6	1.8	2.6
87.5°	3.6	4.4	5.2	4.9	4.2	3.4	2.3	1.6	0.8	1.0	1.0
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°	349.7	349.7	349.7
2.5°	350.0	349.7	349.5
5°	351.3	351.0	350.8
7.5°	353.1	353.1	353.1
10°	356.0	356.5	356.5
12.5°	359.6	360.1	360.1
15°	364.0	364.3	364.8
17.5°	369.5	369.7	369.7
20°	376.0	375.7	376.2
22.5°	382.5	382.5	382.5
25°	389.2	389.2	389.2
27.5°	397.0	397.0	396.5
30°	405.6	405.6	405.6
32.5°	416.0	416.3	416.5
35°	429.3	429.8	430.6
37.5°	444.3	445.6	446.4
40°	462.3	462.8	464.1
42.5°	482.3	483.8	484.1
45°	507.2	509.8	510.8
47.5°	536.6	540.2	542.0
50°	569.3	573.5	576.1
52.5°	604.9	611.7	614.8
55°	642.8	654.5	657.9
57.5°	685.7	701.6	706.2
60°	727.8	750.1	757.7
62.5°	763.7	795.1	804.5
65°	788.9	826.8	840.6
67.5°	794.1	839.0	855.4
70°	762.9	808.9	827.8
72.5°	663.4	704.9	728.6
75°	391.8	421.7	414.4
77.5°	196.7	205.3	206.6
80°	86.3	91.5	93.5
82.5°	21.3	21.8	24.7
85°	2.9	3.4	3.1
87.5°	1.0	1.0	1.3
90°	0.0	0.0	0.0

(END OF REPORT)