

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: P1212026

Luminaire Tested: **GKO-PB1A-830-U-T1**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1212026
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-830-U-T1
Description: GEKKO WALL PACK 750LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

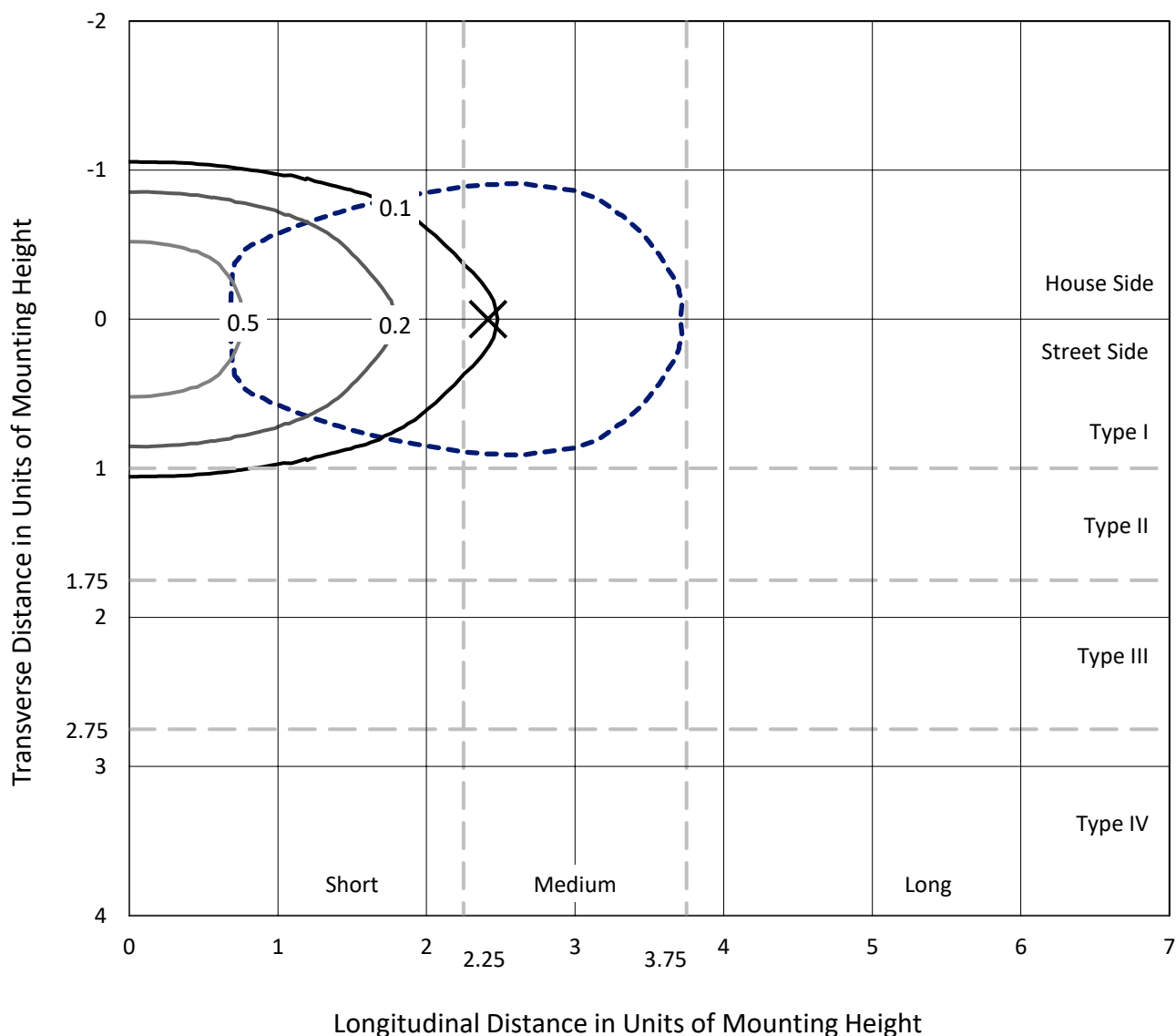
Lumens per Lamp: N/A
Luminaire Lumens: 712.7 lumens
Efficiency: N/A
Efficacy: 148.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type I - Short
BUG Rating: B0 - U0 - G0

Input Watts (W): 4.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 16%
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

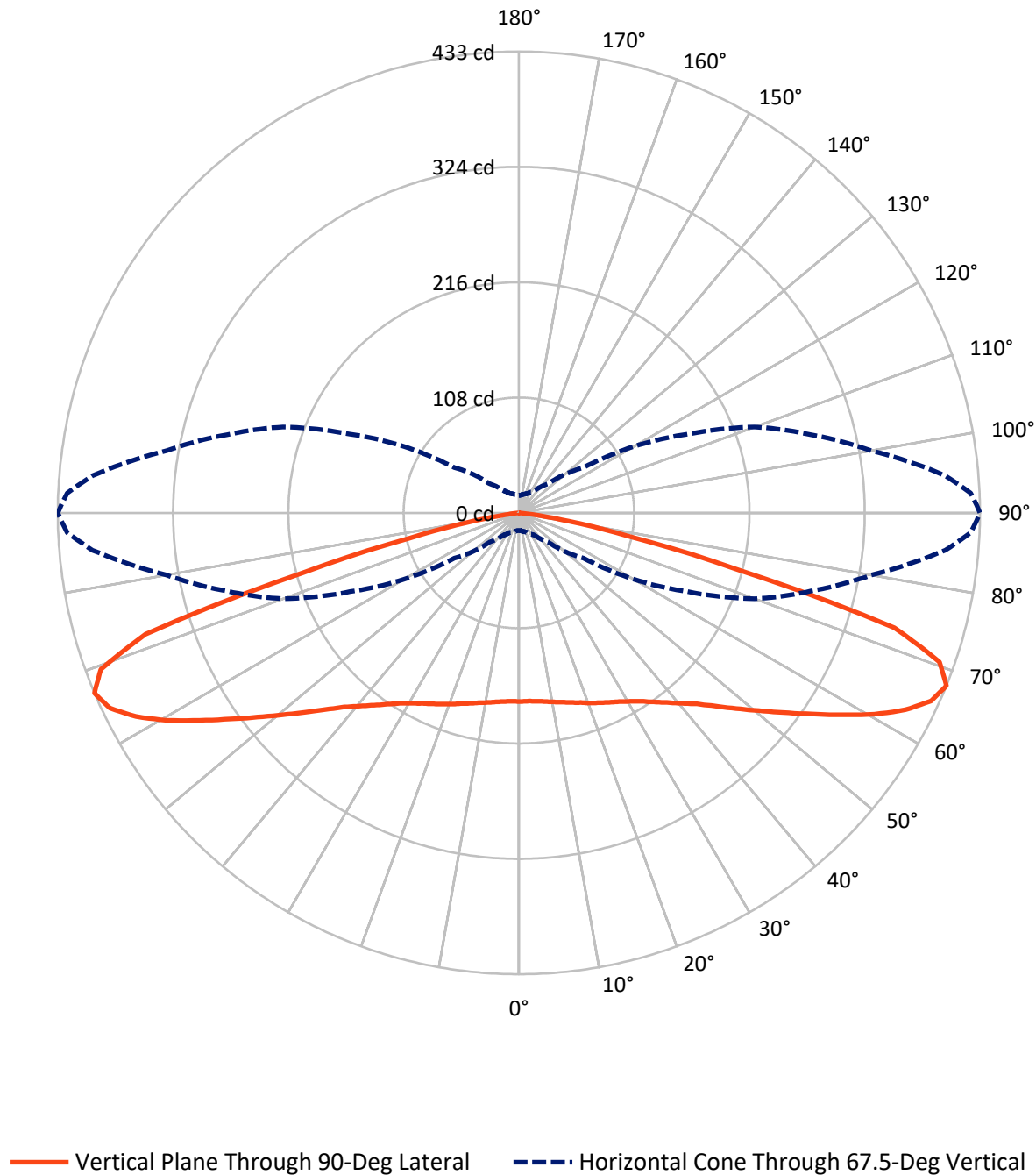
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 0.8 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	356.4	0.0	356.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	356.4	0.0	356.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	712.7	0.0	712.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.0	2.4
10°-20°	51.1	7.2
20°-30°	85.0	11.9
30°-40°	112.9	15.8
40°-50°	127.3	17.9
50°-60°	130.9	18.4
60°-70°	123.7	17.4
70°-80°	60.6	8.5
80°-90°	4.3	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°	712.7	100.0
0°-180°	712.7	100.0



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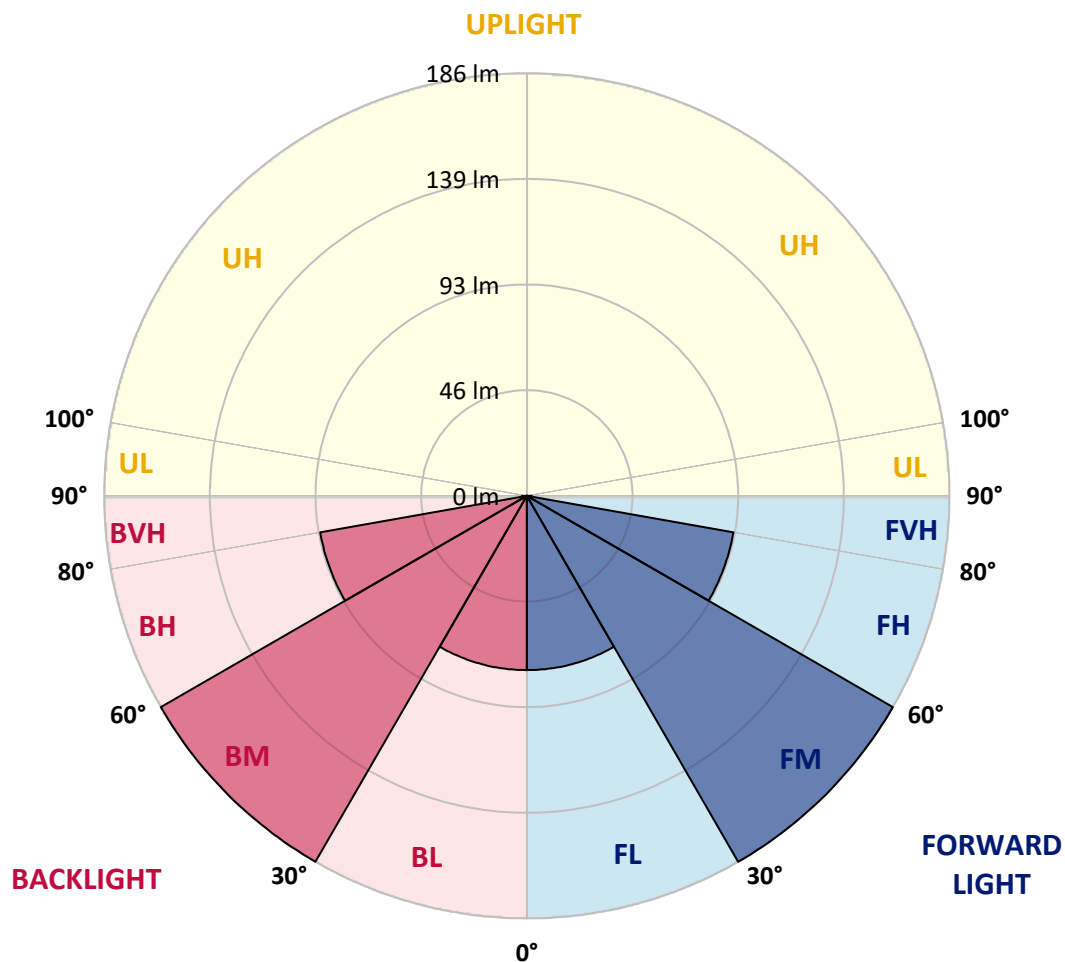
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	76.5	10.7			
FM	(30°-60°)	185.5	26.0			
FH	(60°-80°)	92.1	12.9			G0/660
FVH	(80°-90°)	2.2	0.3			G0/10
BL	(0°-30°)	76.5	10.7	B0/110		
BM	(30°-60°)	185.5	26.0	B0/220		
BH	(60°-80°)	92.1	12.9	B0/110		G0/110
BVH	(80°-90°)	2.2	0.3			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0

Type I Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	176.9	176.9	176.9	176.9	176.9	176.9	176.9	176.9	176.9	176.9	176.9
2.5°	177.0	177.3	176.7	176.7	177.0	177.1	177.1	177.3	177.0	177.0	176.9
5°	177.0	177.1	176.9	176.9	177.1	177.5	177.4	177.6	177.6	177.5	177.5
7.5°	176.9	177.1	176.9	177.0	177.4	178.2	178.2	178.2	178.4	178.7	178.7
10°	176.7	177.0	177.1	177.3	177.8	179.0	179.2	179.4	179.8	180.1	180.1
12.5°	176.1	176.3	176.7	177.3	178.2	179.8	180.3	180.7	181.3	181.7	182.0
15°	175.2	175.3	176.2	177.3	178.7	180.7	181.7	182.4	183.3	183.8	184.2
17.5°	173.8	174.0	175.4	177.0	179.1	181.9	183.6	184.6	185.5	186.3	186.8
20°	172.1	172.5	174.2	176.7	179.8	183.0	185.5	187.4	188.3	189.1	189.9
22.5°	170.0	170.4	172.5	176.1	180.4	184.6	187.9	190.3	191.4	192.5	193.4
25°	166.9	167.4	169.9	174.5	180.7	186.3	190.5	193.5	194.6	195.9	196.7
27.5°	162.0	162.4	165.4	171.3	179.9	188.2	193.5	197.1	198.3	199.7	200.5
30°	154.4	155.2	158.9	166.2	177.9	189.6	197.1	200.6	202.1	203.5	204.6
32.5°	144.5	145.7	149.8	159.3	174.1	190.1	200.9	205.0	206.8	208.4	209.7
35°	132.3	133.5	138.4	150.3	168.1	189.1	204.7	210.0	212.2	214.3	215.9
37.5°	118.4	119.4	125.4	139.0	159.4	185.8	207.7	215.5	218.5	221.3	223.4
40°	104.3	105.5	111.9	126.5	148.9	179.5	209.1	221.5	225.3	228.9	231.5
42.5°	89.1	90.5	97.8	113.3	136.7	170.8	208.0	227.4	232.2	237.0	241.0
45°	75.6	75.8	83.7	98.7	123.2	159.6	204.3	233.1	239.5	246.4	252.0
47.5°	62.5	63.1	69.9	84.8	109.3	147.0	197.6	237.6	247.8	256.6	264.9
50°	51.0	51.6	57.8	71.1	95.4	133.2	188.6	240.2	254.9	266.9	278.4
52.5°	41.5	42.3	47.4	59.1	81.3	118.8	177.4	240.6	261.3	277.1	292.5
55°	34.6	35.1	39.0	48.4	67.8	103.8	164.6	238.6	265.6	286.3	306.8
57.5°	29.2	29.7	32.5	39.8	55.6	88.4	149.1	234.0	267.8	294.3	321.3
60°	25.4	25.8	27.7	33.0	45.7	74.0	132.4	225.9	267.1	299.3	333.2
62.5°	22.6	22.7	24.4	28.1	37.7	60.3	113.7	213.7	261.7	300.0	341.4
65°	20.1	20.2	21.3	23.9	31.0	48.5	94.1	196.8	251.5	295.4	342.6
67.5°	16.3	16.6	18.1	20.1	25.5	38.4	74.1	174.8	235.5	283.4	335.8
70°	13.0	13.1	14.7	17.0	20.8	30.2	56.9	145.1	210.4	264.0	318.5
72.5°	9.7	10.0	11.4	13.7	17.0	23.4	41.1	109.7	168.2	222.6	277.4
75°	7.8	7.9	8.4	10.5	13.1	17.7	27.7	66.5	101.3	137.7	170.0
77.5°	6.6	6.7	6.7	8.1	9.7	12.0	14.7	26.4	42.8	61.0	80.8
80°	5.4	5.7	5.1	6.0	7.0	7.0	6.8	12.6	20.2	28.6	37.6
82.5°	3.9	4.2	3.9	4.2	4.2	3.8	3.5	4.7	6.4	8.8	9.6
85°	2.8	2.9	3.2	2.9	2.8	2.2	1.7	1.3	0.8	0.9	1.3
87.5°	1.8	2.2	2.6	2.5	2.1	1.7	1.2	0.8	0.4	0.5	0.5
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°	176.9	176.9	176.9
2.5°	177.0	176.9	176.7
5°	177.6	177.5	177.4
7.5°	178.6	178.6	178.6
10°	180.0	180.3	180.3
12.5°	181.9	182.1	182.1
15°	184.1	184.2	184.5
17.5°	186.8	187.0	187.0
20°	190.1	190.0	190.3
22.5°	193.4	193.4	193.4
25°	196.8	196.8	196.8
27.5°	200.8	200.8	200.5
30°	205.1	205.1	205.1
32.5°	210.4	210.5	210.6
35°	217.1	217.3	217.7
37.5°	224.7	225.3	225.7
40°	233.8	234.0	234.7
42.5°	243.9	244.7	244.8
45°	256.5	257.8	258.3
47.5°	271.3	273.2	274.1
50°	287.9	290.0	291.3
52.5°	305.9	309.3	310.9
55°	325.1	331.0	332.7
57.5°	346.8	354.8	357.1
60°	368.0	379.3	383.2
62.5°	386.2	402.1	406.8
65°	398.9	418.1	425.1
67.5°	401.5	424.3	432.6
70°	385.8	409.0	418.6
72.5°	335.5	356.5	368.4
75°	198.1	213.3	209.6
77.5°	99.5	103.8	104.5
80°	43.6	46.3	47.3
82.5°	10.8	11.0	12.5
85°	1.4	1.7	1.6
87.5°	0.5	0.5	0.7
90°	0.0	0.0	0.0

(END OF REPORT)