

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P972287

Luminaire Tested: **GKO-PB2E-750-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972287
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2E-750-U-T3
Description: GEKKO WALL PACK 12000LM PACKAGE 70CRI 5000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (20) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12786.4 lumens
Efficiency: N/A
Efficacy: 122.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G2

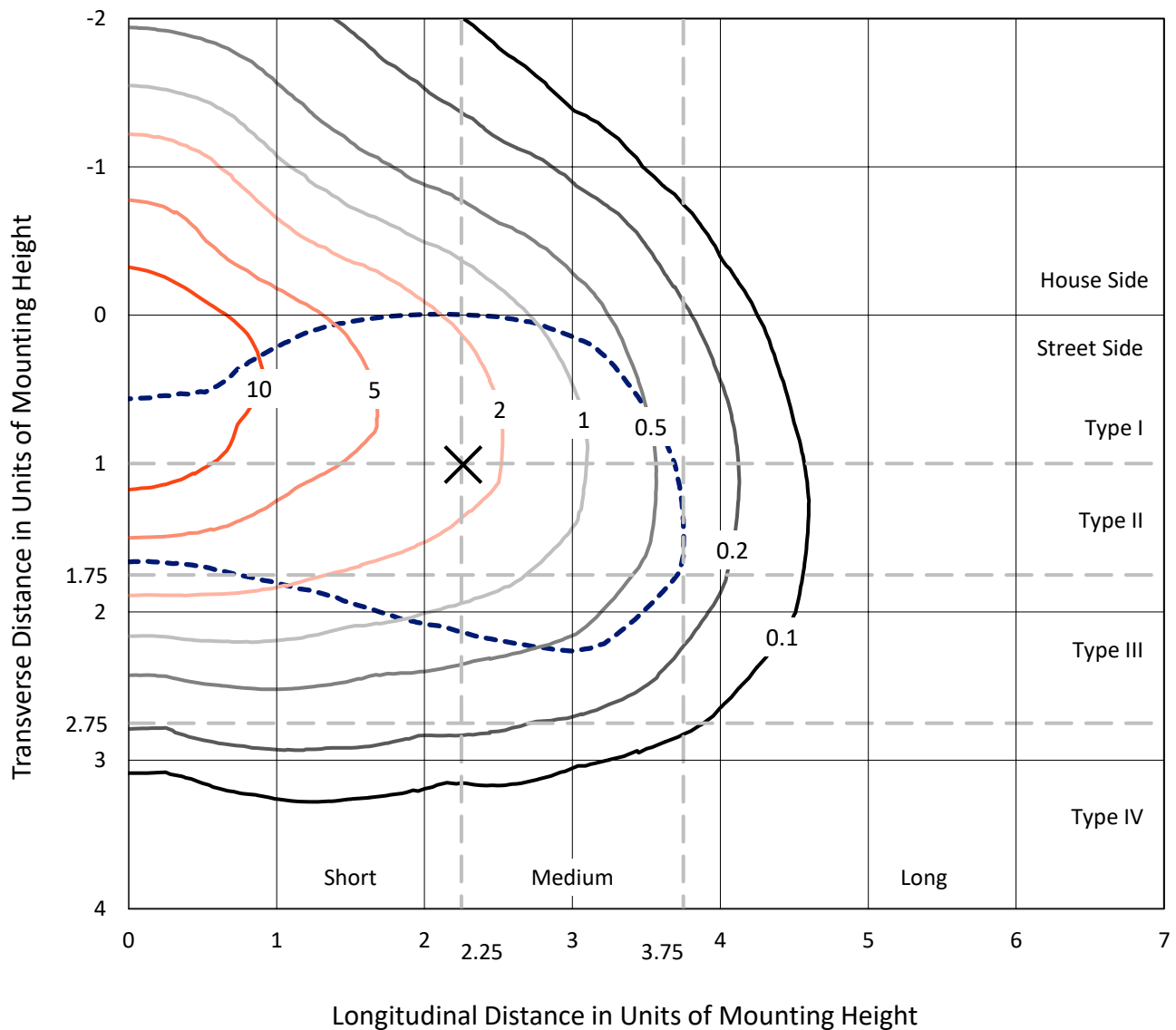
Input Watts (W): 104.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 6%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

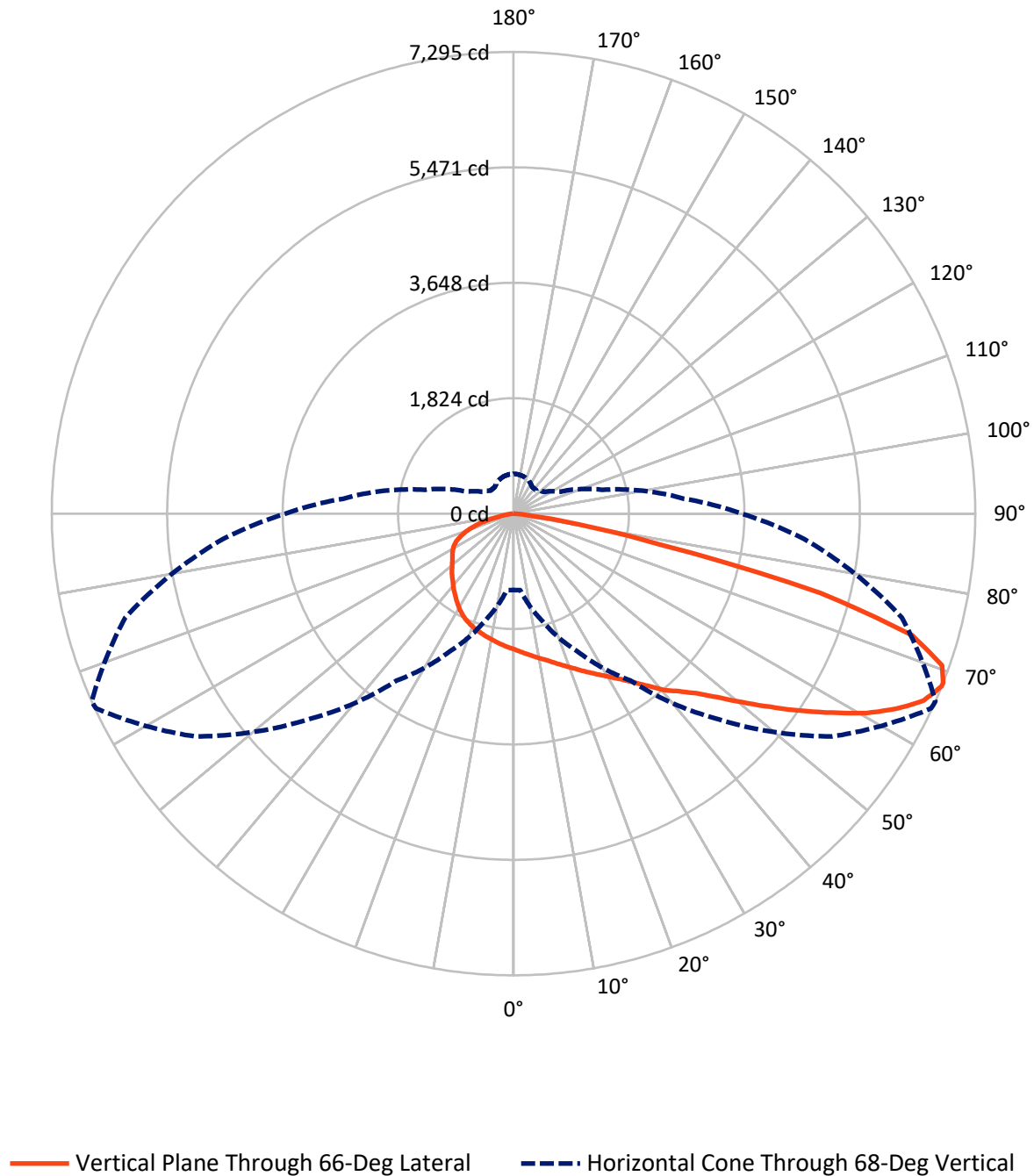
× Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 17.1 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: GKO-PB2E-750-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3273.5	0.0	3273.5
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	9512.9	0.0	9512.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	12786.4	0.0	12786.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.7	1.6
10°-20°	618.4	4.8
20°-30°	1065.7	8.3
30°-40°	1653.0	12.9
40°-50°	2264.6	17.7
50°-60°	2701.4	21.1
60°-70°	2706.9	21.2
70°-80°	1432.4	11.2
80°-90°	138.3	1.1
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°	12786.4	100.0
0°-180°	12786.4	100.0



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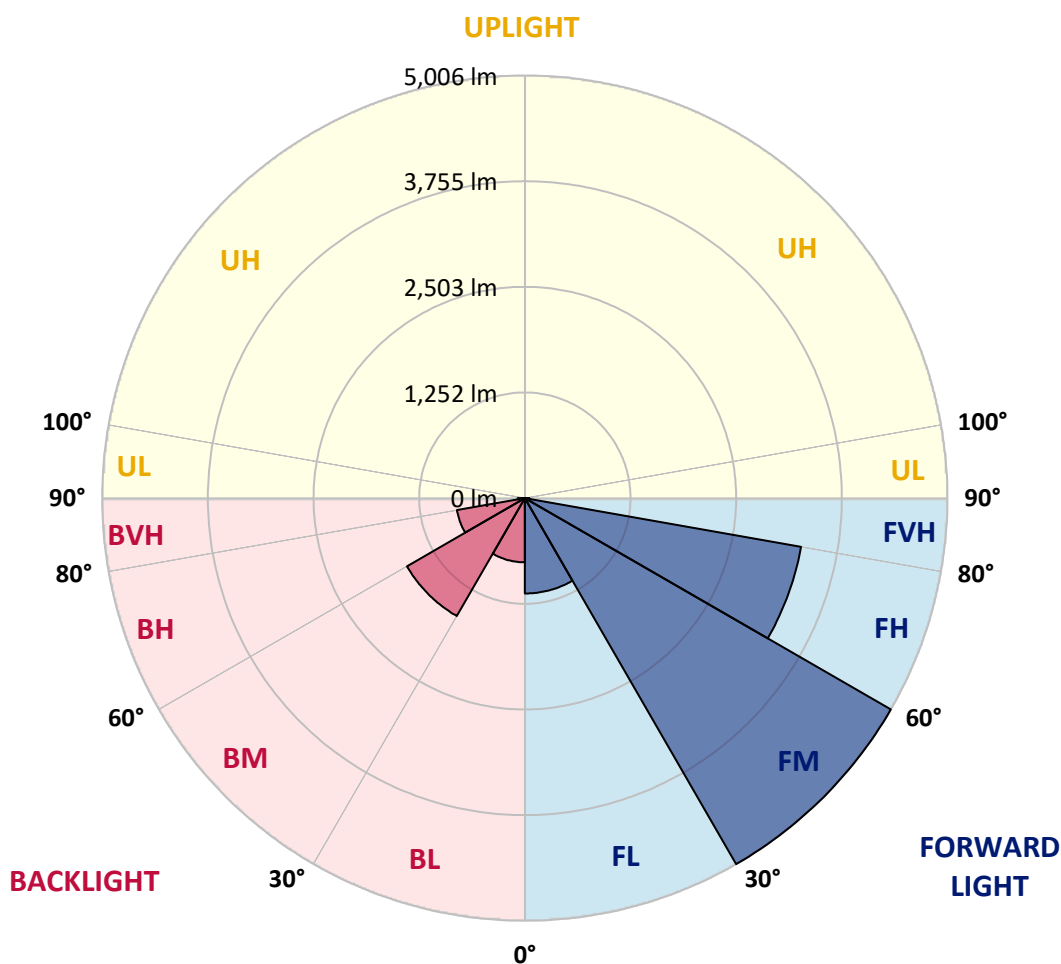
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1129.4	8.8			
FM	(30°-60°)	5006.5	39.2			
FH	(60°-80°)	3322.6	26.0			G2/5000
FVH	(80°-90°)	54.3	0.4			G1/100
BL	(0°-30°)	760.3	5.9	B2/1000		
BM	(30°-60°)	1612.5	12.6	B2/2500		
BH	(60°-80°)	816.7	6.4	B2/1000		G2/1000
BVH	(80°-90°)	83.9	0.7			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 III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6
2.5°	2233.9	2233.9	2228.9	2226.5	2224.0	2209.1	2199.2	2186.8	2186.8	2166.9	2149.5
5°	2310.9	2313.3	2303.4	2303.4	2293.5	2273.6	2253.8	2228.9	2228.9	2199.2	2164.4
7.5°	2377.9	2385.3	2375.4	2375.4	2365.5	2343.1	2310.9	2276.1	2276.1	2233.9	2184.3
10°	2442.4	2447.4	2442.4	2447.4	2432.5	2412.6	2375.4	2328.2	2325.8	2273.6	2204.1
12.5°	2494.5	2499.5	2502.0	2509.4	2497.0	2482.1	2447.4	2387.8	2380.4	2318.3	2228.9
15°	2544.2	2549.1	2556.6	2566.5	2564.0	2551.6	2519.4	2452.3	2447.4	2367.9	2261.2
17.5°	2583.9	2586.4	2601.3	2621.1	2626.1	2628.6	2593.8	2524.3	2519.4	2425.0	2296.0
20°	2641.0	2645.9	2660.8	2680.7	2695.6	2705.5	2678.2	2601.3	2596.3	2492.1	2340.6
22.5°	2770.1	2762.6	2770.1	2770.1	2777.5	2792.4	2772.5	2695.6	2685.7	2571.5	2395.3
25°	3013.3	3005.9	2986.0	2941.3	2891.7	2889.2	2866.9	2792.4	2780.0	2653.4	2447.4
27.5°	3353.4	3336.0	3298.7	3204.4	3085.3	3008.3	2973.6	2896.6	2881.7	2735.3	2497.0
30°	3713.3	3733.1	3671.1	3542.0	3323.6	3159.7	3092.7	3005.9	2993.4	2827.1	2556.6
32.5°	4132.7	4135.2	4073.2	3894.5	3611.5	3350.9	3236.7	3130.0	3120.0	2933.9	2636.0
35°	4376.0	4385.9	4358.6	4192.3	3869.6	3561.9	3410.4	3281.4	3273.9	3067.9	2735.3
37.5°	4629.2	4651.5	4609.3	4425.6	4065.7	3757.9	3604.0	3462.6	3455.1	3221.8	2859.4
40°	5004.0	4994.0	4949.4	4678.8	4249.4	3921.8	3795.2	3683.5	3666.1	3410.4	2986.0
42.5°	5274.5	5299.3	5202.5	4897.2	4450.5	4085.6	3986.3	3859.7	3837.4	3524.6	3060.5
45°	5366.4	5344.0	5237.3	5013.9	4713.6	4234.5	4167.5	4070.7	4048.3	3725.7	3206.9
47.5°	5386.2	5346.5	5252.2	5083.4	4936.9	4428.1	4388.4	4366.1	4333.8	3978.8	3383.1
50°	5264.6	5237.3	5192.6	5108.2	5080.9	4609.3	4629.2	4711.1	4683.8	4251.9	3579.2
52.5°	4989.1	4976.7	5016.4	5071.0	4999.0	4765.7	4914.6	5080.9	5071.0	4552.2	3790.2
55°	4470.3	4470.3	4693.7	4884.8	4927.0	4867.4	5222.4	5507.8	5495.4	4889.8	3991.3
57.5°	3996.2	4003.7	4189.8	4619.2	4797.9	4976.7	5564.9	5954.6	5934.8	5269.6	4202.2
60°	3398.0	3398.0	3681.0	4219.6	4611.8	5061.1	5867.7	6386.5	6398.9	5636.9	4410.7
62.5°	2690.6	2698.1	3090.2	3723.2	4343.7	5075.9	6108.5	6793.6	6791.1	5969.5	4572.1
65°	1983.2	1985.7	2519.4	3172.2	3941.6	4971.7	6240.1	7106.3	7121.2	6232.6	4666.4
67.5°	1288.2	1313.0	1854.1	2574.0	3373.2	4676.3	6170.6	7272.6	7290.0	6354.2	4636.6
68°	1206.3	1211.3	1754.9	2410.1	3219.3	4601.9	6138.3	7280.1	7295.0	6351.8	4606.8
70°	781.9	781.9	1256.0	1881.5	2569.0	4137.7	5857.8	7163.4	7180.8	6242.5	4390.9
72.5°	422.0	429.4	717.3	1139.3	1754.9	3201.9	5286.9	6555.3	6585.1	5644.4	3839.8
75°	295.4	300.3	417.0	637.9	955.6	2085.0	4132.7	5008.9	5004.0	3899.4	2405.2
77.5°	213.5	213.5	238.3	397.1	501.4	953.1	2045.3	2412.6	2385.3	1903.8	1213.8
80°	139.0	139.0	148.9	208.5	240.8	290.4	625.5	1045.0	1064.8	928.3	605.6
82.5°	57.1	59.6	64.5	84.4	86.9	121.6	178.7	300.3	290.4	235.8	171.3
85°	7.4	7.4	9.9	12.4	14.9	27.3	24.8	24.8	24.8	29.8	27.3
87.5°	0.0	0.0	0.0	0.0	0.0	2.5	5.0	7.4	7.4	9.9	7.4
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6
2.5°	2144.6	2144.6	2129.7	2114.8	2099.9	2087.5	2070.1	2057.7	2060.2	2067.6	2065.1
5°	2157.0	2144.6	2114.8	2082.5	2057.7	2035.3	2003.1	1985.7	1983.2	1988.2	1985.7
7.5°	2164.4	2144.6	2099.9	2050.2	2010.5	1980.7	1936.1	1918.7	1911.2	1913.7	1913.7
10°	2179.3	2147.0	2085.0	2015.5	1965.8	1923.6	1876.5	1851.7	1844.2	1844.2	1841.7
12.5°	2196.7	2152.0	2070.1	1985.7	1921.2	1871.5	1816.9	1789.6	1782.2	1782.2	1779.7
15°	2214.1	2159.4	2055.2	1953.4	1879.0	1819.4	1767.3	1735.0	1725.1	1725.1	1730.0
17.5°	2236.4	2166.9	2040.3	1923.6	1834.3	1767.3	1712.7	1680.4	1668.0	1675.4	1680.4
20°	2258.7	2181.8	2025.4	1891.4	1789.6	1720.1	1665.5	1633.2	1620.8	1633.2	1635.7
22.5°	2291.0	2194.2	2008.0	1854.1	1744.9	1668.0	1618.3	1588.6	1581.1	1593.5	1603.5
25°	2323.3	2209.1	1985.7	1814.4	1687.8	1613.4	1573.7	1551.3	1553.8	1571.2	1581.1
27.5°	2358.0	2221.5	1963.4	1764.8	1625.8	1556.3	1526.5	1521.5	1531.5	1551.3	1563.7
30°	2400.2	2238.9	1933.6	1707.7	1556.3	1494.2	1481.8	1496.7	1514.1	1534.0	1546.4
32.5°	2454.8	2261.2	1903.8	1643.2	1484.3	1427.2	1447.1	1479.3	1499.2	1519.1	1531.5
35°	2531.8	2305.9	1886.4	1578.6	1407.4	1370.1	1414.8	1466.9	1481.8	1494.2	1509.1
37.5°	2621.1	2365.5	1879.0	1519.1	1337.9	1320.5	1382.5	1444.6	1449.6	1454.5	1469.4
40°	2708.0	2410.1	1859.1	1454.5	1265.9	1265.9	1342.8	1402.4	1399.9	1392.5	1402.4
42.5°	2742.7	2405.2	1802.0	1392.5	1208.8	1211.3	1280.8	1337.9	1323.0	1323.0	1337.9
45°	2842.0	2444.9	1759.8	1342.8	1156.7	1146.7	1201.3	1246.0	1270.8	1303.1	1318.0
47.5°	2968.6	2499.5	1727.6	1285.7	1107.0	1074.8	1104.5	1179.0	1221.2	1256.0	1268.4
50°	3100.2	2561.6	1697.8	1226.2	1057.4	992.9	1007.7	1089.7	1126.9	1144.3	1151.7
52.5°	3234.2	2618.6	1675.4	1176.5	1000.3	896.0	928.3	1005.3	1032.6	1042.5	1047.5
55°	3353.4	2665.8	1655.6	1134.3	935.8	819.1	843.9	923.4	943.2	953.1	960.6
57.5°	3479.9	2717.9	1643.2	1094.6	863.8	752.1	769.5	841.4	868.7	878.7	886.1
60°	3591.6	2767.6	1633.2	1052.4	796.8	692.5	702.4	771.9	801.7	806.7	814.1
62.5°	3666.1	2799.8	1618.3	1000.3	734.7	635.4	637.9	704.9	737.2	742.2	747.1
65°	3686.0	2792.4	1573.7	930.8	672.7	578.3	578.3	642.9	677.6	695.0	702.4
67.5°	3626.4	2730.3	1479.3	841.4	613.1	526.2	526.2	583.3	620.5	640.4	647.8
68°	3606.5	2703.0	1449.6	819.1	598.2	513.8	513.8	573.4	608.1	625.5	630.5
70°	3437.7	2569.0	1313.0	734.7	551.0	476.6	476.6	528.7	565.9	565.9	563.4
72.5°	2986.0	2226.5	1079.7	615.6	481.5	422.0	429.4	479.1	491.5	503.9	501.4
75°	1849.2	1332.9	724.8	486.5	404.6	369.8	384.7	429.4	436.9	464.2	456.7
77.5°	925.8	652.8	384.7	283.0	312.7	317.7	345.0	377.3	399.6	429.4	409.6
80°	456.7	317.7	225.9	176.2	183.7	233.3	300.3	325.2	364.9	384.7	367.4
82.5°	126.6	96.8	91.8	96.8	136.5	181.2	235.8	287.9	340.1	357.4	332.6
85°	22.3	17.4	14.9	47.2	94.3	134.0	191.1	255.7	305.3	292.9	275.5
87.5°	7.4	5.0	5.0	29.8	69.5	109.2	163.8	228.4	260.6	235.8	211.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-5

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-750-U-T4W

Data in this report applies to families of products including GKO-PB1E-750-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-5
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP2 - 165CM SPHERE
 Measurement Geometry: 4π
 Issue Date: 04/10/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GKO-PB1E-750-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	5105	CRI (Ra):	72.2		
CIE u':	0.2079	R1:	68.8	R9:	-38.2
CIE v':	0.4868	R2:	78.3	R10:	48.2
Duv:	0.0035	R3:	84.9	R11:	68.1
CIE x:	0.3428	R4:	71.7	R12:	42.9
CIE y:	0.3567	R5:	69.8	R13:	70.6
CIE z:	0.3005	R6:	69.8	R14:	91.6
Peak Wavelength (nm):	451	R7:	81.2	R15:	61.7
Dominant Wavelength (nm):	567	R8:	53.5		
Purity:	9.884628				
Rf:	74.2				
Rg:	92.7				



Test Conditions

Stabilization Time: 30M
 Operation Time: 1H 30M
 Sphere Temperature (°C): 25.0

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.82

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.75

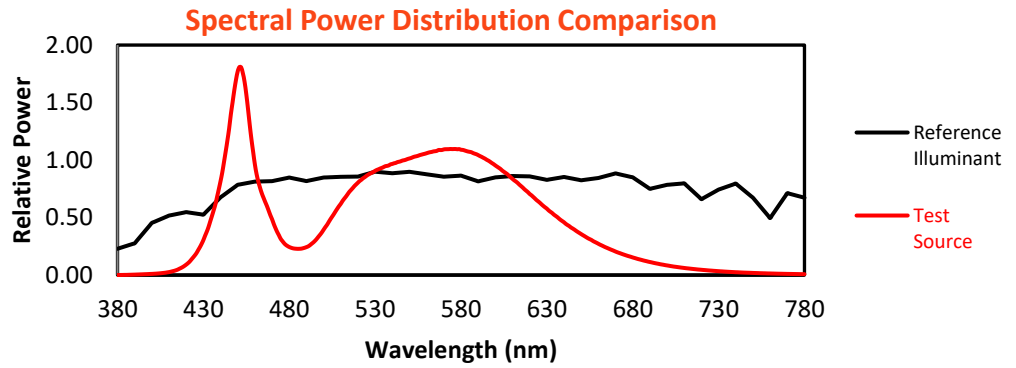
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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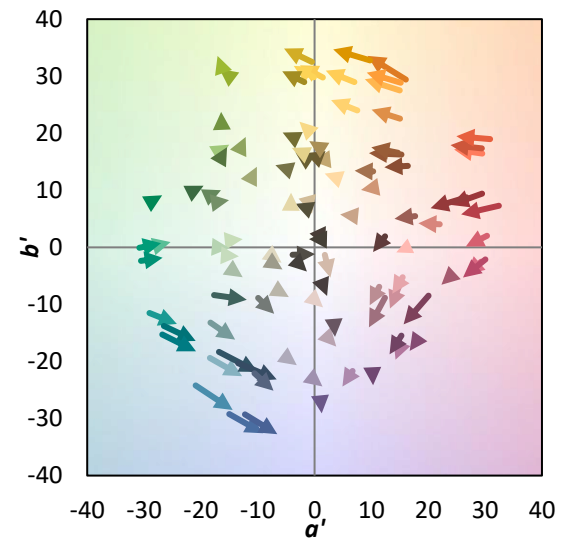
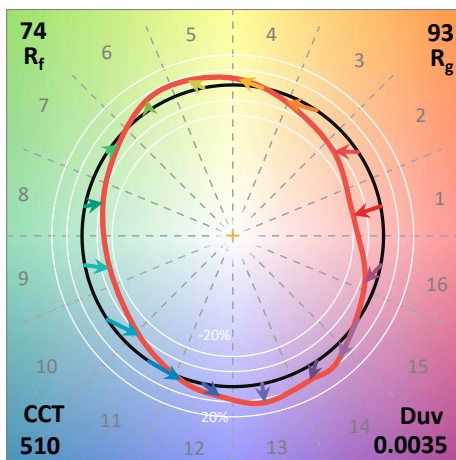
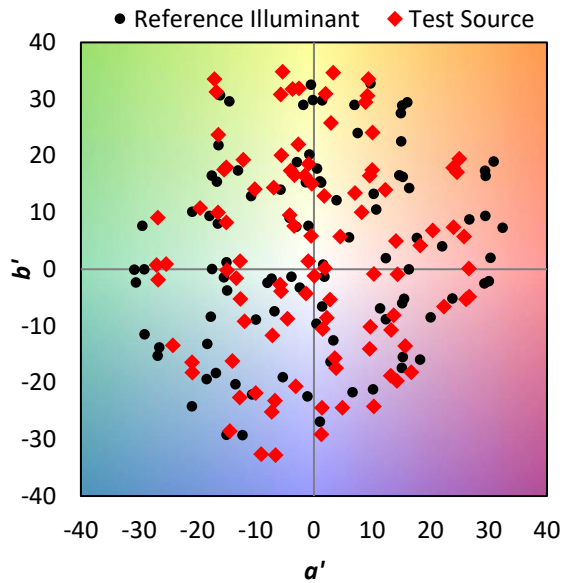
TM-30-18

Summary

$R_f = 74.2$
 $R_g = 92.7$
 $CIE R_a = 72.2$
 $R_g = -38.2$



Color Vector Graphics

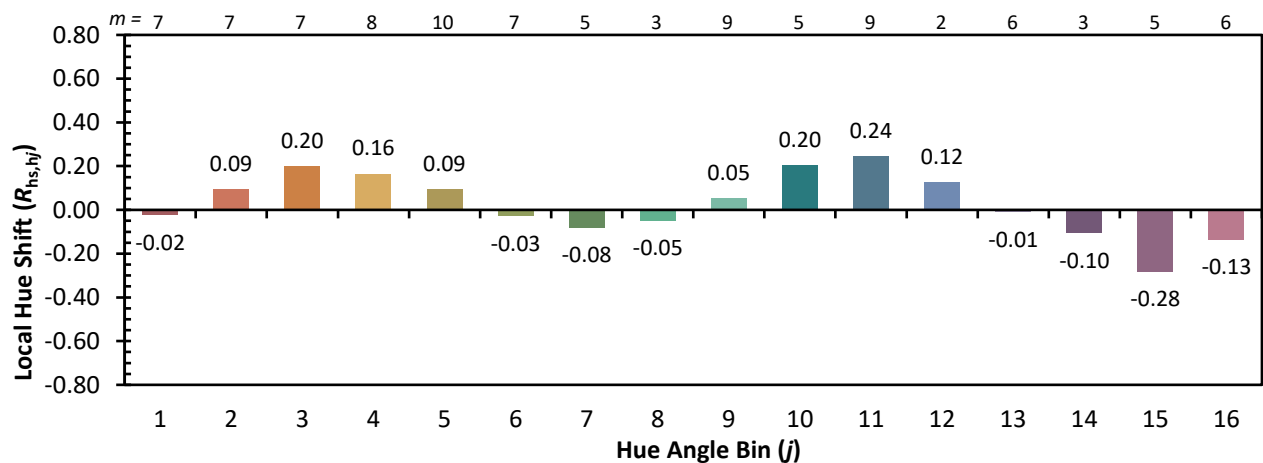


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 63	CES51 = 89	CES76 = 51
CES02 = 59	CES27 = 89	CES52 = 89	CES77 = 68
CES03 = 30	CES28 = 81	CES53 = 79	CES78 = 54
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 79
CES07 = 38	CES32 = 63	CES57 = 73	CES82 = 91
CES08 = 38	CES33 = 82	CES58 = 74	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 86	CES84 = 85
CES10 = 72	CES35 = 83	CES60 = 88	CES85 = 78
CES11 = 56	CES36 = 88	CES61 = 82	CES86 = 75
CES12 = 61	CES37 = 78	CES62 = 81	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 73
CES15 = 70	CES40 = 91	CES65 = 61	CES90 = 80
CES16 = 46	CES41 = 96	CES66 = 56	CES91 = 72
CES17 = 49	CES42 = 80	CES67 = 54	CES92 = 58
CES18 = 55	CES43 = 79	CES68 = 64	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 73	CES94 = 53
CES20 = 63	CES45 = 87	CES70 = 56	CES95 = 64
CES21 = 85	CES46 = 85	CES71 = 47	CES96 = 76
CES22 = 77	CES47 = 90	CES72 = 82	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 47	CES98 = 76
CES24 = 90	CES49 = 83	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 50	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)