

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: P972262

Luminaire Tested: **GKO-PB1E-730-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972262
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1E-730-U-T3
Description: GEKKO WALL PACK 5000LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4842.2 lumens
Efficiency: N/A
Efficacy: 125.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

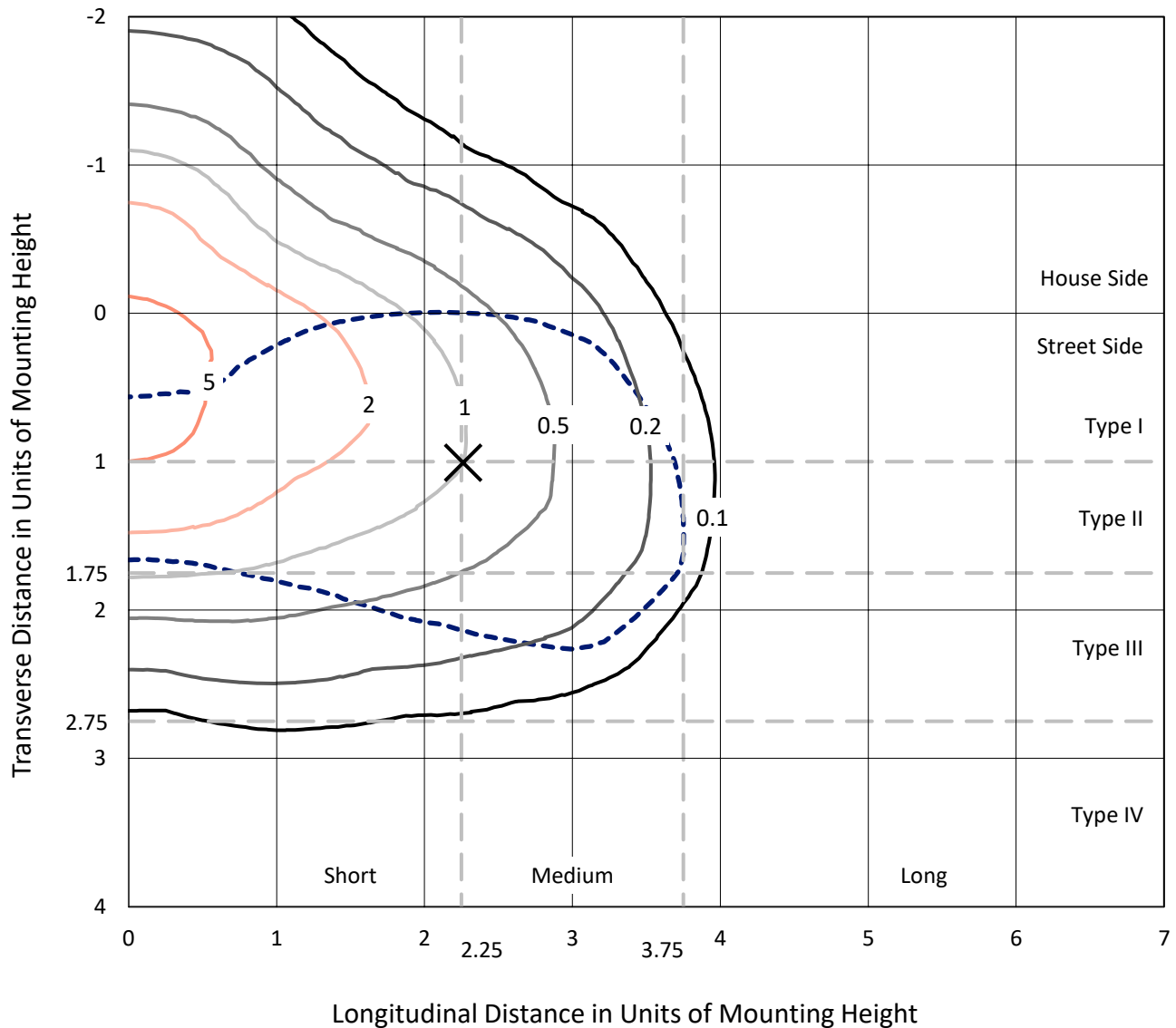
Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 9%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

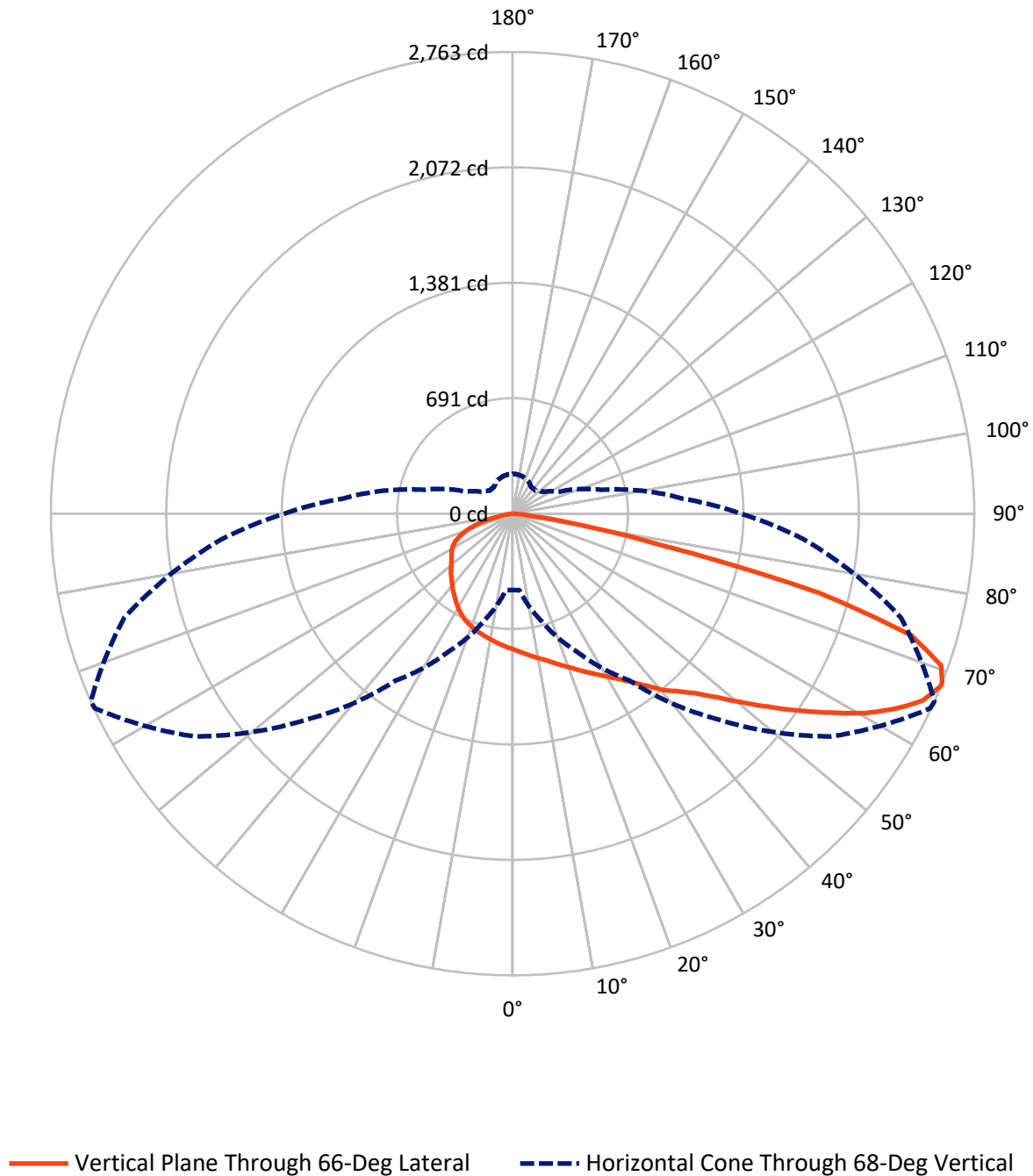
× Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 6.5 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1239.7	0.0	1239.7
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3602.5	0.0	3602.5
	% Fixture	74.4	0.0	74.4
Total	Lumens	4842.2	0.0	4842.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.9	1.6
10°-20°	234.2	4.8
20°-30°	403.6	8.3
30°-40°	626.0	12.9
40°-50°	857.6	17.7
50°-60°	1023.0	21.1
60°-70°	1025.1	21.2
70°-80°	542.5	11.2
80°-90°	52.4	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°	4842.2	100.0
0°-180°	4842.2	100.0



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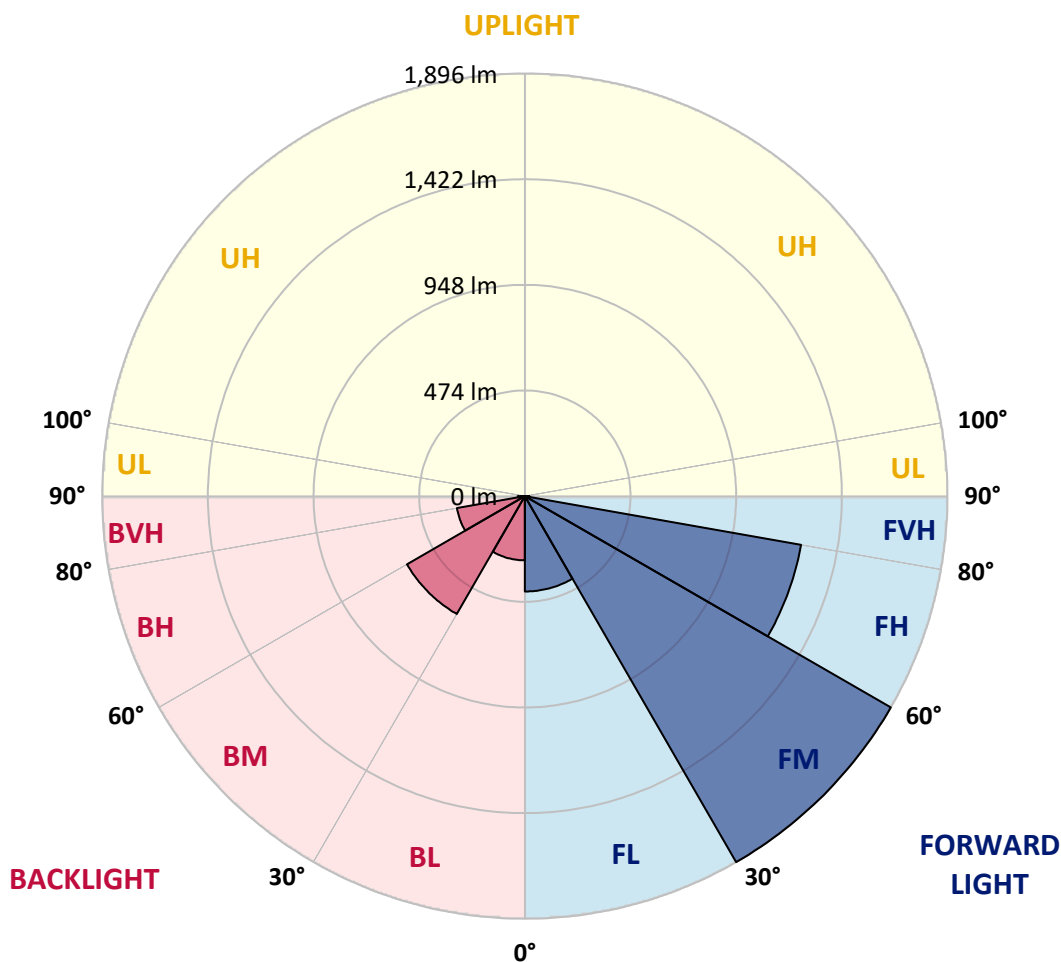
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	427.7	8.8			
FM	(30°-60°)	1896.0	39.2			
FH	(60°-80°)	1258.3	26.0			G1/1800
FVH	(80°-90°)	20.6	0.4			G1/100
BL	(0°-30°)	287.9	5.9	B1/500		
BM	(30°-60°)	610.7	12.6	B1/1000		
BH	(60°-80°)	309.3	6.4	B1/500		G1/500
BVH	(80°-90°)	31.8	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	812.1	812.1	812.1	812.1	812.1	812.1	812.1	812.1	812.1	812.1	812.1
2.5°	846.0	846.0	844.1	843.2	842.2	836.6	832.8	828.1	828.1	820.6	814.0
5°	875.1	876.1	872.3	872.3	868.5	861.0	853.5	844.1	844.1	832.8	819.7
7.5°	900.5	903.3	899.6	899.6	895.8	887.3	875.1	862.0	862.0	846.0	827.2
10°	924.9	926.8	924.9	926.8	921.2	913.7	899.6	881.7	880.8	861.0	834.7
12.5°	944.7	946.6	947.5	950.3	945.6	940.0	926.8	904.3	901.4	877.9	844.1
15°	963.5	965.4	968.2	971.9	971.0	966.3	954.1	928.7	926.8	896.7	856.3
17.5°	978.5	979.5	985.1	992.6	994.5	995.4	982.3	956.0	954.1	918.4	869.5
20°	1000.1	1002.0	1007.7	1015.2	1020.8	1024.6	1014.2	985.1	983.2	943.7	886.4
22.5°	1049.0	1046.2	1049.0	1049.0	1051.8	1057.5	1050.0	1020.8	1017.1	973.8	907.1
25°	1141.1	1138.3	1130.8	1113.9	1095.1	1094.1	1085.7	1057.5	1052.8	1004.8	926.8
27.5°	1269.9	1263.3	1249.2	1213.5	1168.4	1139.3	1126.1	1097.0	1091.3	1035.9	945.6
30°	1406.2	1413.7	1390.2	1341.3	1258.6	1196.6	1171.2	1138.3	1133.6	1070.6	968.2
32.5°	1565.1	1566.0	1542.5	1474.8	1367.7	1269.0	1225.7	1185.3	1181.6	1111.1	998.3
35°	1657.2	1660.9	1650.6	1587.6	1465.4	1348.9	1291.5	1242.7	1239.8	1161.8	1035.9
37.5°	1753.1	1761.5	1745.5	1676.0	1539.7	1423.1	1364.8	1311.3	1308.4	1220.1	1082.9
40°	1895.0	1891.2	1874.3	1771.9	1609.2	1485.2	1437.2	1394.9	1388.3	1291.5	1130.8
42.5°	1997.5	2006.9	1970.2	1854.6	1685.4	1547.2	1509.6	1461.7	1453.2	1334.8	1159.0
45°	2032.2	2023.8	1983.4	1898.8	1785.0	1603.6	1578.2	1541.6	1533.1	1410.9	1214.5
47.5°	2039.8	2024.7	1989.0	1925.1	1869.6	1676.9	1661.9	1653.4	1641.2	1506.8	1281.2
50°	1993.7	1983.4	1966.4	1934.5	1924.1	1745.5	1753.1	1784.1	1773.7	1610.2	1355.4
52.5°	1889.4	1884.7	1899.7	1920.4	1893.1	1804.8	1861.2	1924.1	1920.4	1723.9	1435.3
55°	1692.9	1692.9	1777.5	1849.9	1865.9	1843.3	1977.7	2085.8	2081.1	1851.8	1511.5
57.5°	1513.4	1516.2	1586.7	1749.3	1817.0	1884.7	2107.4	2255.0	2247.5	1995.6	1591.4
60°	1286.8	1286.8	1394.0	1598.0	1746.5	1916.6	2222.1	2418.6	2423.3	2134.7	1670.3
62.5°	1018.9	1021.8	1170.3	1410.0	1645.0	1922.3	2313.3	2572.7	2571.8	2260.6	1731.4
65°	751.0	752.0	954.1	1201.3	1492.7	1882.8	2363.1	2691.2	2696.8	2360.3	1767.2
67.5°	487.8	497.2	702.2	974.8	1277.4	1770.9	2336.8	2754.1	2760.7	2406.3	1755.9
68°	456.8	458.7	664.6	912.7	1219.2	1742.7	2324.6	2757.0	2762.6	2405.4	1744.6
70°	296.1	296.1	475.6	712.5	972.9	1566.9	2218.3	2712.8	2719.4	2364.0	1662.8
72.5°	159.8	162.6	271.7	431.4	664.6	1212.6	2002.2	2482.5	2493.8	2137.5	1454.1
75°	111.9	113.7	157.9	241.6	361.9	789.6	1565.1	1896.9	1895.0	1476.7	910.8
77.5°	80.8	80.8	90.2	150.4	189.9	361.0	774.5	913.7	903.3	721.0	459.6
80°	52.6	52.6	56.4	79.0	91.2	110.0	236.9	395.7	403.3	351.6	229.4
82.5°	21.6	22.6	24.4	32.0	32.9	46.1	67.7	113.7	110.0	89.3	64.9
85°	2.8	2.8	3.8	4.7	5.6	10.3	9.4	9.4	9.4	11.3	10.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.9	2.8	2.8	3.8	2.8
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	812.1	812.1	812.1	812.1	812.1	812.1	812.1	812.1	812.1	812.1	812.1
2.5°	812.1	812.1	806.5	800.9	795.2	790.5	783.9	779.2	780.2	783.0	782.1
5°	816.8	812.1	800.9	788.6	779.2	770.8	758.6	752.0	751.0	752.9	752.0
7.5°	819.7	812.1	795.2	776.4	761.4	750.1	733.2	726.6	723.8	724.7	724.7
10°	825.3	813.1	789.6	763.3	744.5	728.5	710.6	701.2	698.4	698.4	697.5
12.5°	831.9	815.0	783.9	752.0	727.5	708.7	688.1	677.7	674.9	674.9	674.0
15°	838.5	817.8	778.3	739.8	711.6	689.0	669.3	657.0	653.3	653.3	655.2
17.5°	846.9	820.6	772.7	728.5	694.6	669.3	648.6	636.4	631.7	634.5	636.4
20°	855.4	826.2	767.0	716.3	677.7	651.4	630.7	618.5	613.8	618.5	619.4
22.5°	867.6	830.9	760.4	702.2	660.8	631.7	612.9	601.6	598.8	603.5	607.2
25°	879.8	836.6	752.0	687.1	639.2	611.0	595.9	587.5	588.4	595.0	598.8
27.5°	893.0	841.3	743.5	668.3	615.7	589.4	578.1	576.2	580.0	587.5	592.2
30°	909.0	847.9	732.2	646.7	589.4	565.9	561.2	566.8	573.4	580.9	585.6
32.5°	929.6	856.3	721.0	622.3	562.1	540.5	548.0	560.2	567.7	575.3	580.0
35°	958.8	873.2	714.4	597.8	533.0	518.9	535.8	555.5	561.2	565.9	571.5
37.5°	992.6	895.8	711.6	575.3	506.6	500.1	523.6	547.1	548.9	550.8	556.5
40°	1025.5	912.7	704.0	550.8	479.4	479.4	508.5	531.1	530.1	527.3	531.1
42.5°	1038.7	910.8	682.4	527.3	457.8	458.7	485.0	506.6	501.0	501.0	506.6
45°	1076.3	925.9	666.4	508.5	438.0	434.3	454.9	471.9	481.3	493.5	499.1
47.5°	1124.2	946.6	654.2	486.9	419.2	407.0	418.3	446.5	462.5	475.6	480.3
50°	1174.0	970.1	642.9	464.3	400.4	376.0	381.6	412.7	426.7	433.3	436.1
52.5°	1224.8	991.7	634.5	445.5	378.8	339.3	351.6	380.7	391.0	394.8	396.7
55°	1269.9	1009.5	627.0	429.6	354.4	310.2	319.6	349.7	357.2	361.0	363.8
57.5°	1317.8	1029.3	622.3	414.5	327.1	284.8	291.4	318.7	329.0	332.8	335.6
60°	1360.1	1048.1	618.5	398.6	301.7	262.3	266.0	292.3	303.6	305.5	308.3
62.5°	1388.3	1060.3	612.9	378.8	278.2	240.6	241.6	267.0	279.2	281.1	282.9
65°	1395.9	1057.5	595.9	352.5	254.7	219.0	219.0	243.5	256.6	263.2	266.0
67.5°	1373.3	1034.0	560.2	318.7	232.2	199.3	199.3	220.9	235.0	242.5	245.3
68°	1365.8	1023.6	548.9	310.2	226.5	194.6	194.6	217.1	230.3	236.9	238.8
70°	1301.9	972.9	497.2	278.2	208.7	180.5	180.5	200.2	214.3	214.3	213.4
72.5°	1130.8	843.2	408.9	233.1	182.4	159.8	162.6	181.4	186.1	190.8	189.9
75°	700.3	504.8	274.5	184.2	153.2	140.1	145.7	162.6	165.4	175.8	173.0
77.5°	350.6	247.2	145.7	107.2	118.4	120.3	130.7	142.9	151.3	162.6	155.1
80°	173.0	120.3	85.5	66.7	69.6	88.4	113.7	123.1	138.2	145.7	139.1
82.5°	47.9	36.7	34.8	36.7	51.7	68.6	89.3	109.0	128.8	135.4	126.0
85°	8.5	6.6	5.6	17.9	35.7	50.8	72.4	96.8	115.6	110.9	104.3
87.5°	2.8	1.9	1.9	11.3	26.3	41.4	62.0	86.5	98.7	89.3	79.9
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: SP2-2501-321-4

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-730-U-T4W

Data in this report applies to families of products including GKO-PB1E-730-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-4
 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-730-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 3072
 CIE u' : 0.2482
 CIE v' : 0.5193
 Duv: -0.0004
 CIE x: 0.4313
 CIE y: 0.4010
 CIE z: 0.1677
 Peak Wavelength (nm): 593
 Dominant Wavelength (nm): 582
 Purity: 49.8225
 R_f: 74.7
 R_g: 94.2

CRI (Ra): 71.7
 R1: 68.1
 R2: 82.1
 R3: 93.4
 R4: 67.3
 R5: 67.2
 R6: 74.9
 R7: 77.5
 R8: 43.4
 R9: -33.9
 R10: 58.6
 R11: 62.0
 R12: 48.5
 R13: 70.7
 R14: 96.4
 R15: 60.2



Test Conditions

Stabilization Time: 30M
 Operation Time: 1H 30M
 Sphere Temperature (°C): 25.7

REPORT NUMBER: SP2-2501-321-4

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 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.24

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	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.3

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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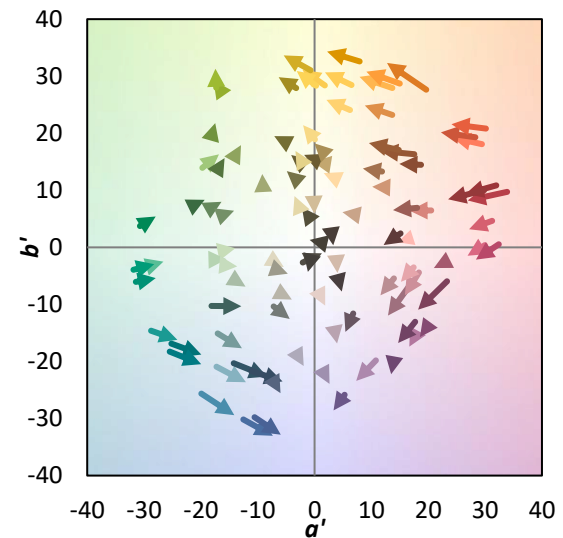
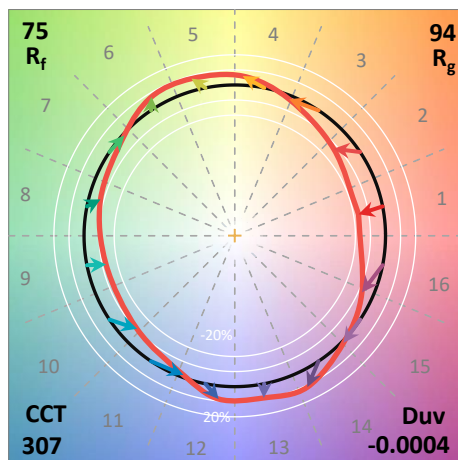
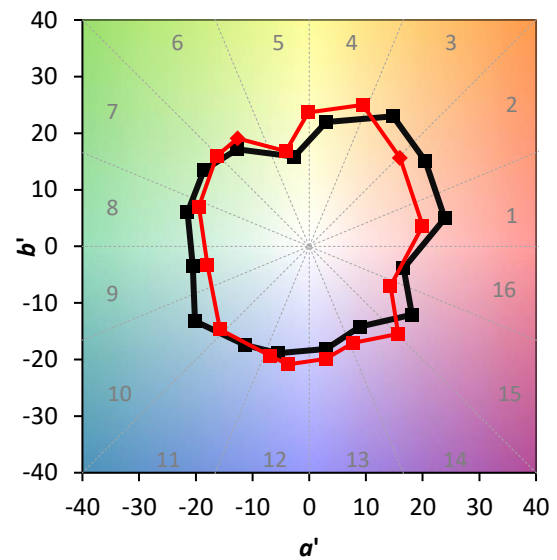
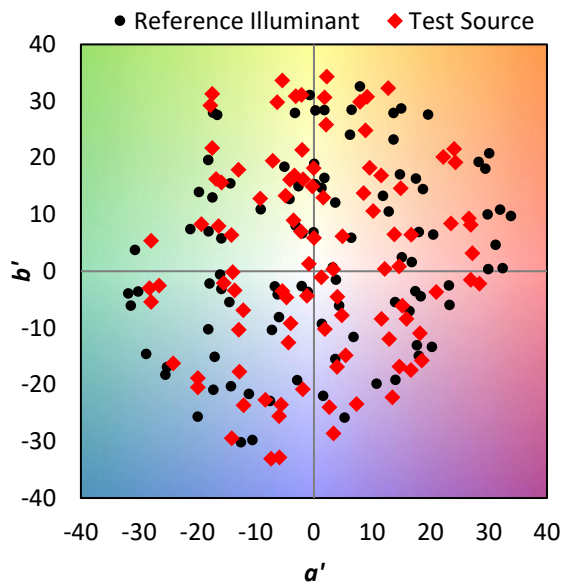
TM-30-18

Summary

$R_f = 74.7$
 $R_g = 94.2$
 $\text{CIE } R_a = 71.7$
 $R_g = -33.9$



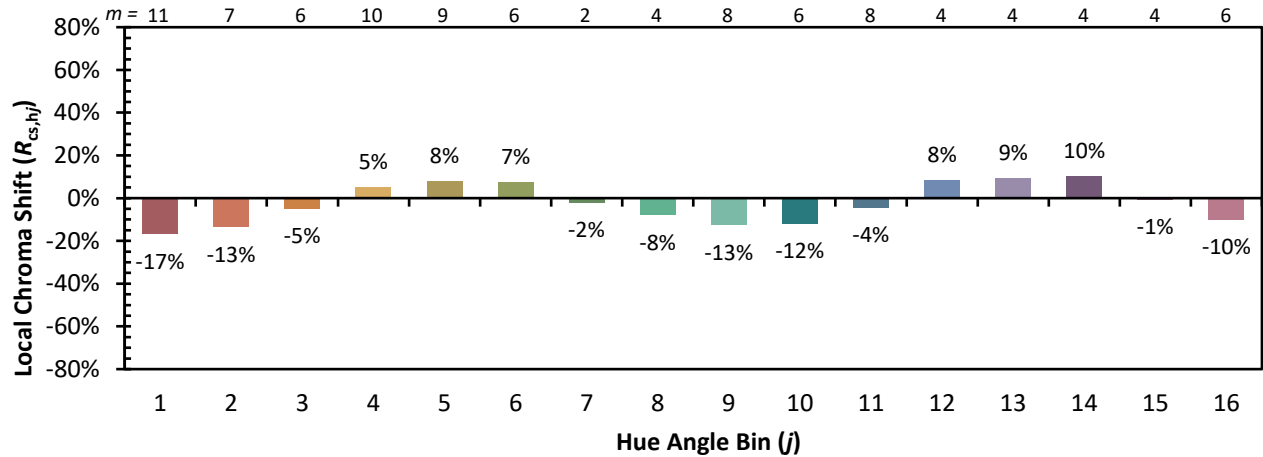
Color Vector Graphics



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

CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 78	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 75	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 76
CES11 = 59	CES36 = 94	CES61 = 81	CES86 = 64
CES12 = 65	CES37 = 84	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 65	CES89 = 67
CES15 = 71	CES40 = 92	CES65 = 65	CES90 = 79
CES16 = 47	CES41 = 93	CES66 = 60	CES91 = 80
CES17 = 50	CES42 = 86	CES67 = 58	CES92 = 57
CES18 = 56	CES43 = 78	CES68 = 66	CES93 = 74
CES19 = 73	CES44 = 99	CES69 = 75	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 60	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 57	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 52	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)