

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: P977128

Luminaire Tested: **GKO-PB1F-730-U-T3**

Issue Date: 03/19/2025



Test Information

Test Method: LM-79-08
Report Number: P977128
Test Lab: INNOVATION CENTER(G1)
Issue Date: 03/19/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-730-U-T3
Description: GEKKO WALL PACK 6500LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

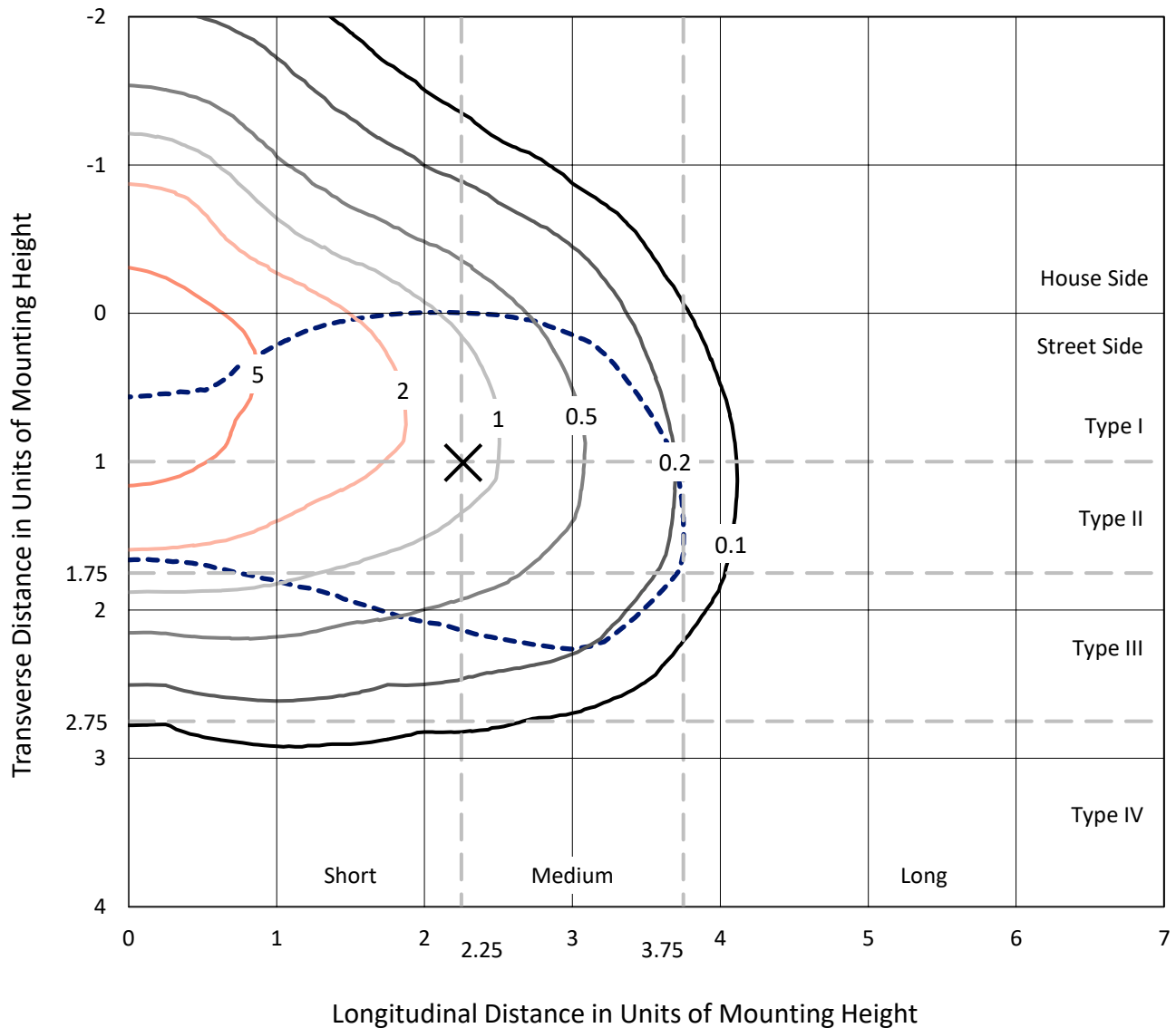
Lumens per Lamp: N/A
Luminaire Lumens: 6251.4 lumens
Efficiency: N/A
Efficacy: 114.7 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 54.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.7%
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

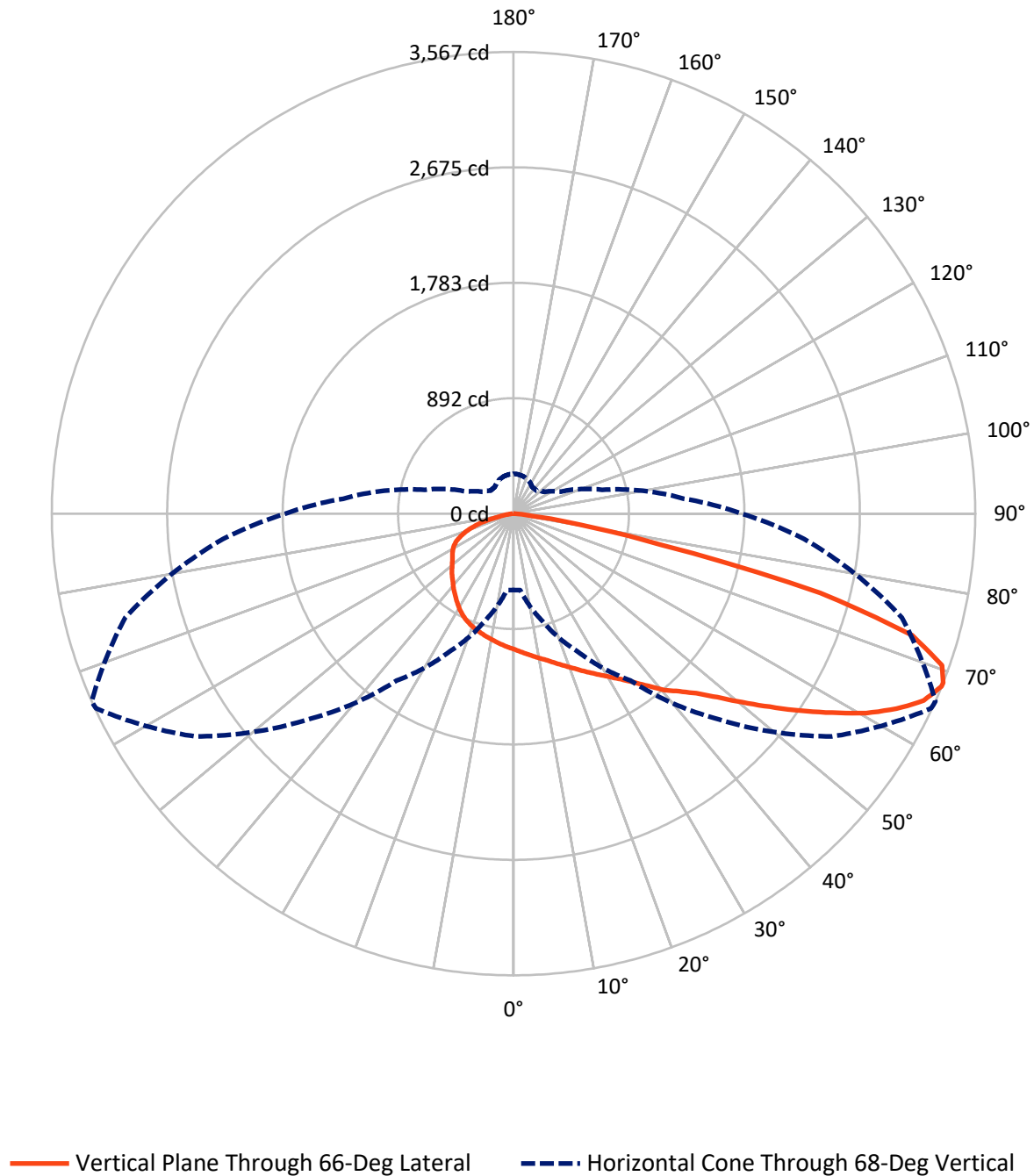
× Max cd
 --- 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 8.4 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	1600.5	0.0	1600.5
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	4651.0	0.0	4651.0
	% Fixture	74.4	0.0	74.4
Total	Lumens	6251.4	0.0	6251.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.6	1.6
10°-20°	302.3	4.8
20°-30°	521.0	8.3
30°-40°	808.2	12.9
40°-50°	1107.2	17.7
50°-60°	1320.7	21.1
60°-70°	1323.4	21.2
70°-80°	700.3	11.2
80°-90°	67.6	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°	6251.4	100.0
0°-180°	6251.4	100.0



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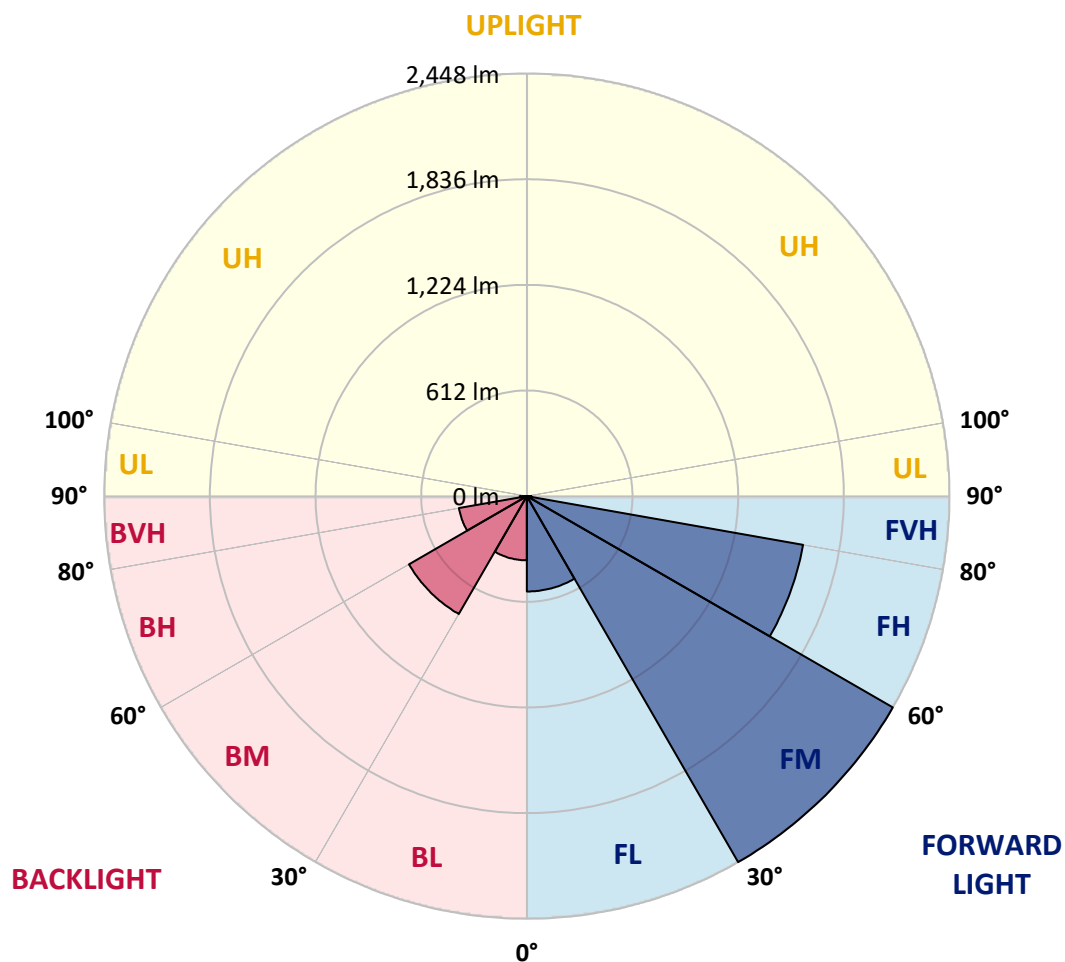
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	552.2	8.8			
FM	(30°-60°)	2447.7	39.2			
FH	(60°-80°)	1624.5	26.0			G1/1800
FVH	(80°-90°)	26.6	0.4			G1/100
BL	(0°-30°)	371.7	5.9	B1/500		
BM	(30°-60°)	788.4	12.6	B1/1000		
BH	(60°-80°)	399.3	6.4	B1/500		G1/500
BVH	(80°-90°)	41.0	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°	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5
2.5°	1092.2	1092.2	1089.8	1088.5	1087.3	1080.1	1075.2	1069.1	1069.1	1059.4	1050.9
5°	1129.8	1131.0	1126.2	1126.2	1121.3	1111.6	1101.9	1089.8	1089.8	1075.2	1058.2
7.5°	1162.6	1166.2	1161.4	1161.4	1156.5	1145.6	1129.8	1112.8	1112.8	1092.2	1067.9
10°	1194.1	1196.6	1194.1	1196.6	1189.3	1179.6	1161.4	1138.3	1137.1	1111.6	1077.6
12.5°	1219.6	1222.0	1223.2	1226.9	1220.8	1213.5	1196.6	1167.4	1163.8	1133.4	1089.8
15°	1243.9	1246.3	1249.9	1254.8	1253.6	1247.5	1231.7	1199.0	1196.6	1157.7	1105.5
17.5°	1263.3	1264.5	1271.8	1281.5	1283.9	1285.1	1268.2	1234.2	1231.7	1185.6	1122.5
20°	1291.2	1293.6	1300.9	1310.6	1317.9	1322.8	1309.4	1271.8	1269.4	1218.4	1144.4
22.5°	1354.3	1350.7	1354.3	1354.3	1358.0	1365.2	1355.5	1317.9	1313.1	1257.2	1171.1
25°	1473.2	1469.6	1459.9	1438.0	1413.8	1412.6	1401.6	1365.2	1359.2	1297.3	1196.6
27.5°	1639.5	1631.0	1612.8	1566.7	1508.4	1470.8	1453.8	1416.2	1408.9	1337.3	1220.8
30°	1815.5	1825.2	1794.8	1731.7	1624.9	1544.8	1512.1	1469.6	1463.5	1382.2	1249.9
32.5°	2020.5	2021.8	1991.4	1904.0	1765.7	1638.3	1582.5	1530.3	1525.4	1434.4	1288.8
35°	2139.5	2144.3	2131.0	2049.7	1891.9	1741.4	1667.4	1604.3	1600.7	1499.9	1337.3
37.5°	2263.3	2274.2	2253.5	2163.7	1987.8	1837.3	1762.1	1692.9	1689.2	1575.2	1398.0
40°	2446.5	2441.6	2419.8	2287.5	2077.6	1917.4	1855.5	1800.9	1792.4	1667.4	1459.9
42.5°	2578.8	2590.9	2543.6	2394.3	2175.9	1997.5	1948.9	1887.1	1876.1	1723.2	1496.3
45°	2623.7	2612.8	2560.6	2451.4	2304.5	2070.3	2037.5	1990.2	1979.3	1821.5	1567.9
47.5°	2633.4	2614.0	2567.9	2485.3	2413.7	2165.0	2145.5	2134.6	2118.8	1945.3	1654.1
50°	2573.9	2560.6	2538.7	2497.5	2484.1	2253.5	2263.3	2303.3	2290.0	2078.8	1749.9
52.5°	2439.2	2433.2	2452.6	2479.3	2444.1	2330.0	2402.8	2484.1	2479.3	2225.6	1853.1
55°	2185.6	2185.6	2294.8	2388.2	2408.9	2379.8	2553.3	2692.8	2686.8	2390.7	1951.4
57.5°	1953.8	1957.4	2048.5	2258.4	2345.8	2433.2	2720.8	2911.3	2901.6	2576.3	2054.5
60°	1661.3	1661.3	1799.7	2063.0	2254.8	2474.4	2868.8	3122.4	3128.5	2756.0	2156.5
62.5°	1315.5	1319.1	1510.9	1820.3	2123.7	2481.7	2986.5	3321.5	3320.2	2918.6	2235.3
65°	969.6	970.8	1231.7	1550.9	1927.1	2430.7	3050.8	3474.4	3481.7	3047.2	2281.5
67.5°	629.8	642.0	906.5	1258.4	1649.2	2286.3	3016.9	3555.7	3564.2	3106.7	2266.9
68°	589.8	592.2	858.0	1178.3	1574.0	2249.9	3001.1	3559.3	3566.6	3105.5	2252.3
70°	382.3	382.3	614.1	919.9	1256.0	2023.0	2864.0	3502.3	3510.8	3052.1	2146.8
72.5°	206.3	209.9	350.7	557.0	858.0	1565.5	2584.8	3205.0	3219.5	2759.6	1877.3
75°	144.4	146.8	203.9	311.9	467.2	1019.4	2020.5	2448.9	2446.5	1906.5	1175.9
77.5°	104.4	104.4	116.5	194.2	245.1	466.0	1000.0	1179.6	1166.2	930.8	593.4
80°	68.0	68.0	72.8	101.9	117.7	142.0	305.8	510.9	520.6	453.9	296.1
82.5°	27.9	29.1	31.6	41.3	42.5	59.5	87.4	146.8	142.0	115.3	83.7
85°	3.6	3.6	4.9	6.1	7.3	13.3	12.1	12.1	12.1	14.6	13.3
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.6	3.6	4.9	3.6
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°	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5	1048.5
2.5°	1048.5	1048.5	1041.2	1033.9	1026.7	1020.6	1012.1	1006.0	1007.2	1010.9	1009.7
5°	1054.6	1048.5	1033.9	1018.2	1006.0	995.1	979.3	970.8	969.6	972.0	970.8
7.5°	1058.2	1048.5	1026.7	1002.4	983.0	968.4	946.6	938.1	934.4	935.6	935.6
10°	1065.5	1049.7	1019.4	985.4	961.1	940.5	917.4	905.3	901.7	901.7	900.4
12.5°	1074.0	1052.1	1012.1	970.8	939.3	915.0	888.3	875.0	871.3	871.3	870.1
15°	1082.5	1055.8	1004.8	955.1	918.7	889.5	864.0	848.3	843.4	843.4	845.8
17.5°	1093.4	1059.4	997.5	940.5	896.8	864.0	837.3	821.6	815.5	819.1	821.6
20°	1104.3	1066.7	990.2	924.7	875.0	841.0	814.3	798.5	792.4	798.5	799.7
22.5°	1120.1	1072.8	981.8	906.5	853.1	815.5	791.2	776.7	773.0	779.1	783.9
25°	1135.9	1080.1	970.8	887.1	825.2	788.8	769.4	758.5	759.7	768.2	773.0
27.5°	1152.9	1086.1	959.9	862.8	794.9	760.9	746.3	743.9	748.8	758.5	764.5
30°	1173.5	1094.6	945.3	834.9	760.9	730.6	724.5	731.8	740.3	750.0	756.0
32.5°	1200.2	1105.5	930.8	803.4	725.7	697.8	707.5	723.3	733.0	742.7	748.8
35°	1237.8	1127.4	922.3	771.8	688.1	669.9	691.7	717.2	724.5	730.6	737.8
37.5°	1281.5	1156.5	918.7	742.7	654.1	645.6	675.9	706.3	708.7	711.1	718.4
40°	1324.0	1178.3	908.9	711.1	618.9	618.9	656.5	685.7	684.4	680.8	685.7
42.5°	1341.0	1175.9	881.0	680.8	591.0	592.2	626.2	654.1	646.8	646.8	654.1
45°	1389.5	1195.3	860.4	656.5	565.5	560.7	587.4	609.2	621.3	637.1	644.4
47.5°	1451.4	1222.0	844.6	628.6	541.2	525.5	540.0	576.4	597.1	614.1	620.1
50°	1515.7	1252.4	830.1	599.5	517.0	485.4	492.7	532.7	550.9	559.4	563.1
52.5°	1581.2	1280.3	819.1	575.2	489.1	438.1	453.9	491.5	504.8	509.7	512.1
55°	1639.5	1303.3	809.4	554.6	457.5	400.5	412.6	451.4	461.1	466.0	469.6
57.5°	1701.4	1328.8	803.4	535.2	422.3	367.7	376.2	411.4	424.7	429.6	433.2
60°	1756.0	1353.1	798.5	514.5	389.5	338.6	343.4	377.4	392.0	394.4	398.0
62.5°	1792.4	1368.9	791.2	489.1	359.2	310.7	311.9	344.6	360.4	362.8	365.3
65°	1802.1	1365.2	769.4	455.1	328.9	282.8	282.8	314.3	331.3	339.8	343.4
67.5°	1773.0	1334.9	723.3	411.4	299.7	257.3	257.3	285.2	303.4	313.1	316.7
68°	1763.3	1321.5	708.7	400.5	292.5	251.2	251.2	280.3	297.3	305.8	308.2
70°	1680.8	1256.0	642.0	359.2	269.4	233.0	233.0	258.5	276.7	276.7	275.5
72.5°	1459.9	1088.5	527.9	301.0	235.4	206.3	209.9	234.2	240.3	246.3	245.1
75°	904.1	651.7	354.4	237.9	197.8	180.8	188.1	209.9	213.6	226.9	223.3
77.5°	452.7	319.2	188.1	138.3	152.9	155.3	168.7	184.5	195.4	209.9	200.2
80°	223.3	155.3	110.4	86.2	89.8	114.1	146.8	159.0	178.4	188.1	179.6
82.5°	61.9	47.3	44.9	47.3	66.7	88.6	115.3	140.8	166.3	174.7	162.6
85°	10.9	8.5	7.3	23.1	46.1	65.5	93.4	125.0	149.3	143.2	134.7
87.5°	3.6	2.4	2.4	14.6	34.0	53.4	80.1	111.6	127.4	115.3	103.2
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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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	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 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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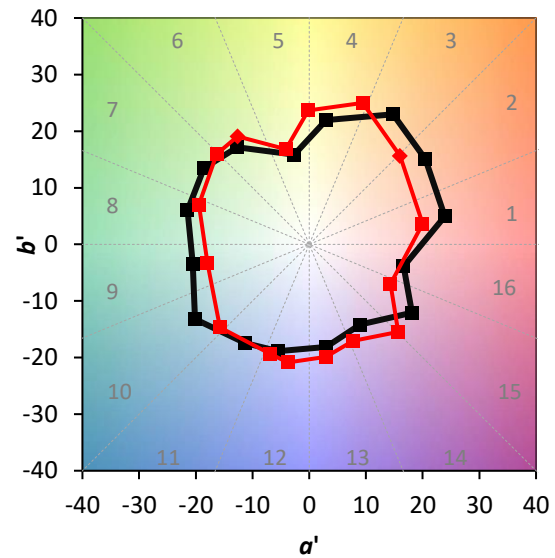
TM-30-18

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)