

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: P977124

Luminaire Tested: **GKO-PB1F-740-U-T4W**

Issue Date: 03/19/2025



Test Information

Test Method: LM-79-08
Report Number: P977124
Test Lab: INNOVATION CENTER(G1)
Issue Date: 03/19/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-740-U-T4W
Description: GEKKO WALL PACK 6500LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6449.9 lumens
Efficiency: N/A
Efficacy: 118.3 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

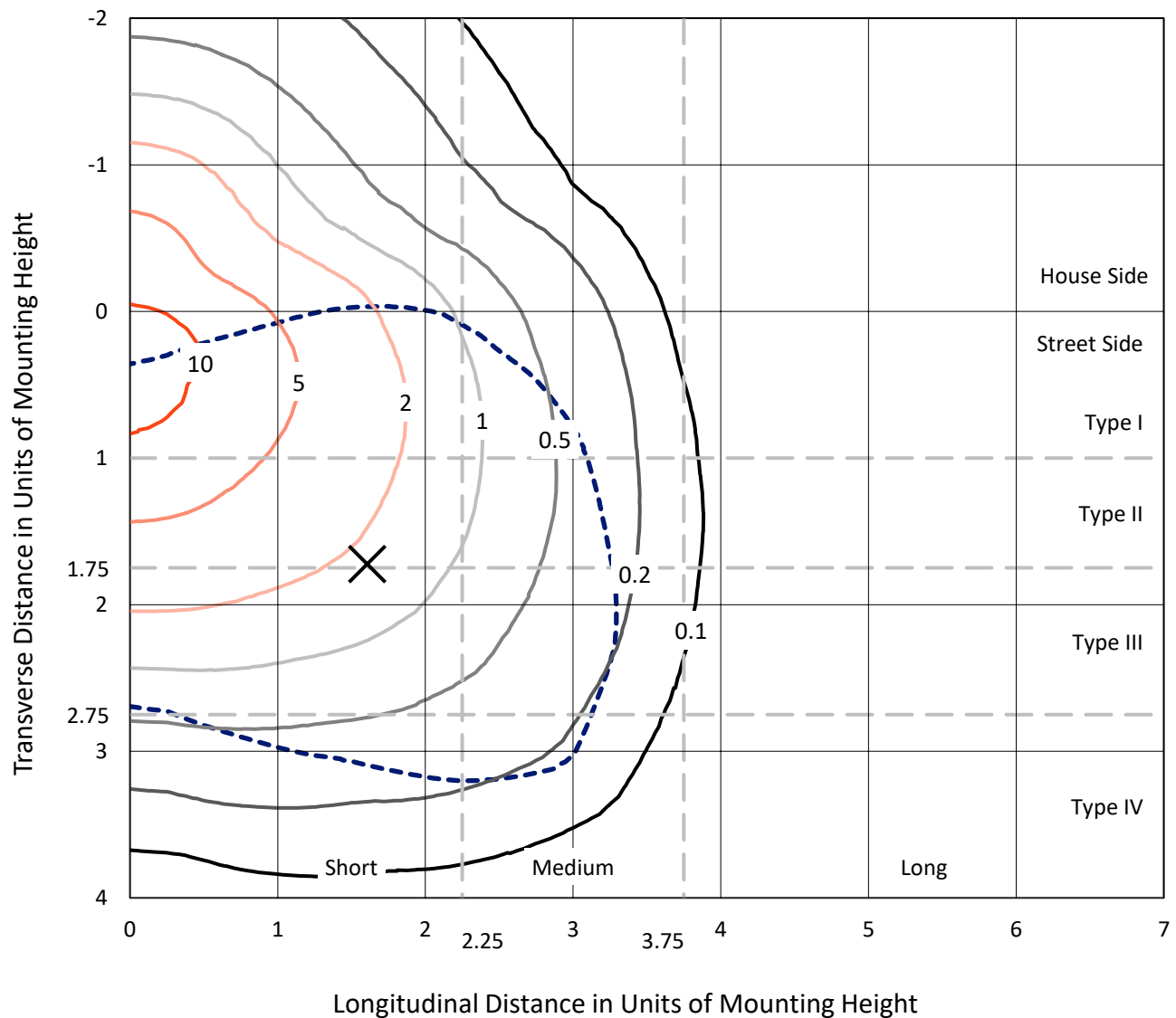
Input Watts (W): 54.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.7%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

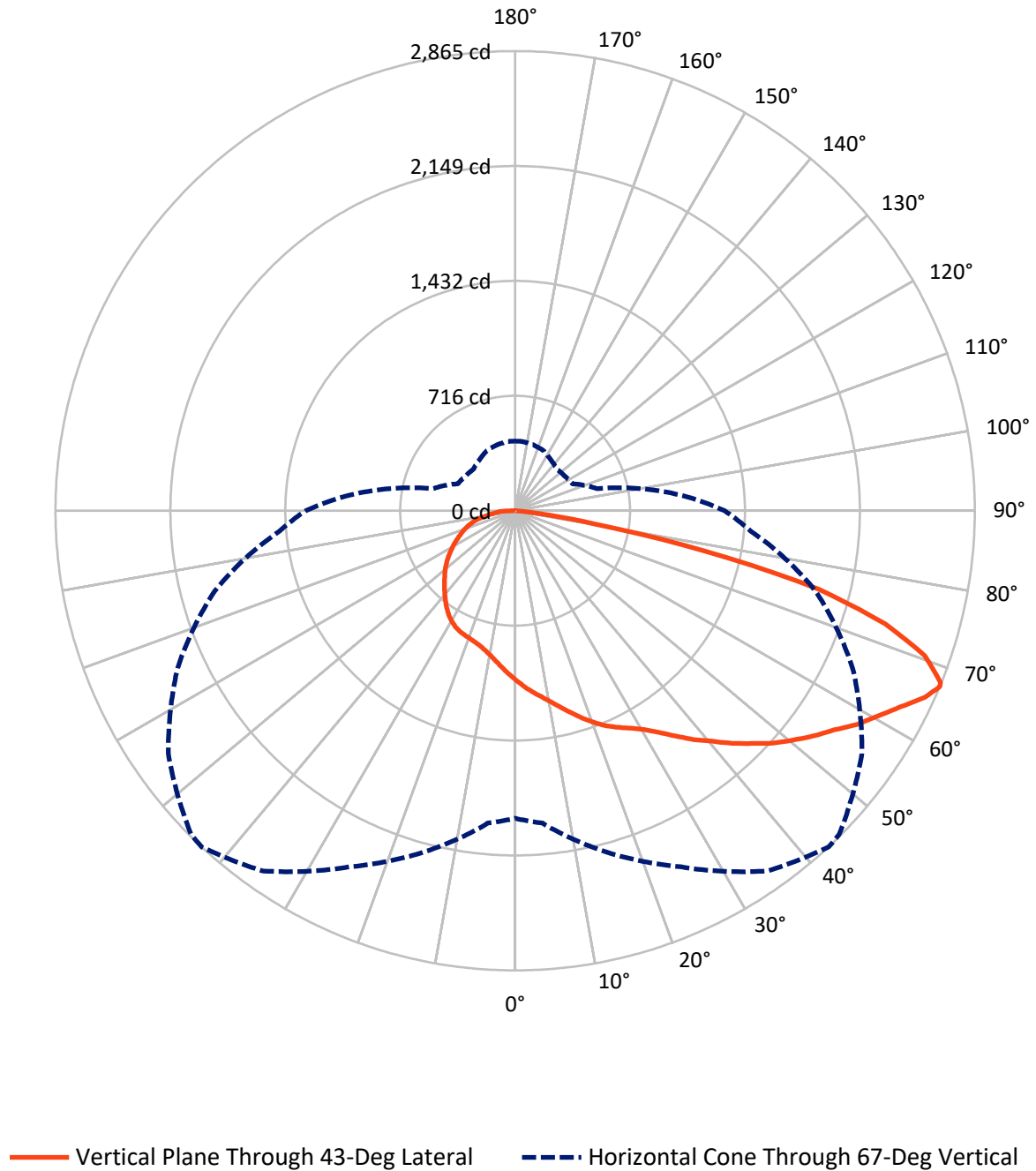


Based on 10 foot mounting height. Maximum calculated value = 12.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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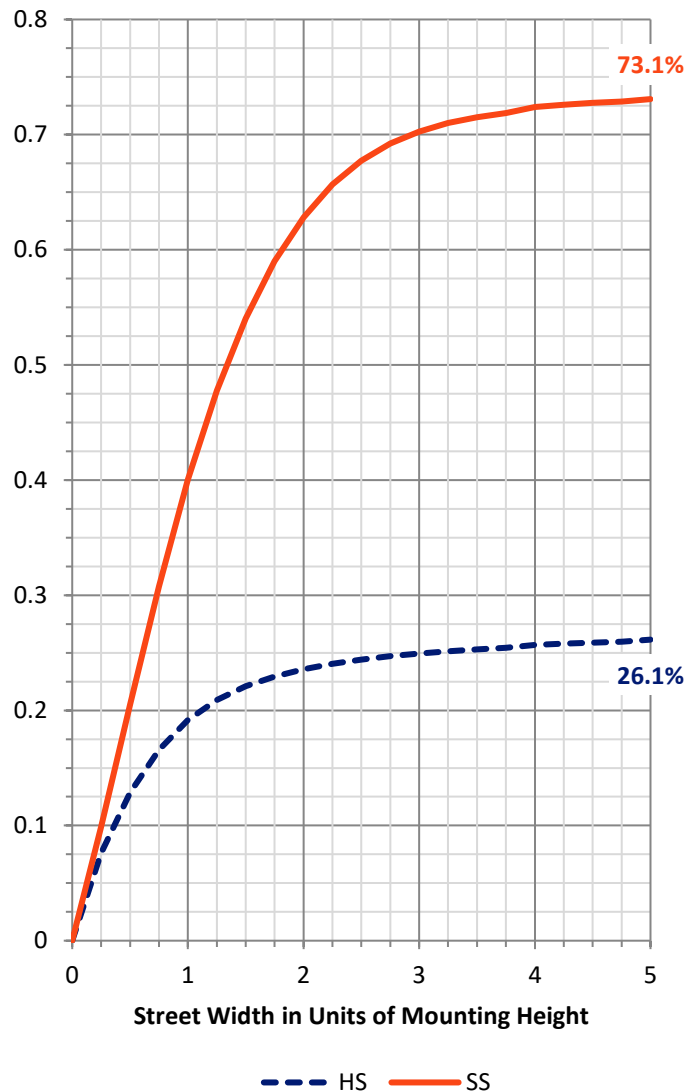
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1734.8	0.0	1734.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	4715.1	0.0	4715.1
	% Fixture	73.1	0.0	73.1
Total	Lumens	6449.9	0.0	6449.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.2	1.6
10°-20°	311.0	4.8
20°-30°	538.5	8.3
30°-40°	799.1	12.4
40°-50°	1085.6	16.8
50°-60°	1332.6	20.7
60°-70°	1404.5	21.8
70°-80°	775.3	12.0
80°-90°	102.1	1.6
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°	6449.9	100.0
0°-180°	6449.9	100.0



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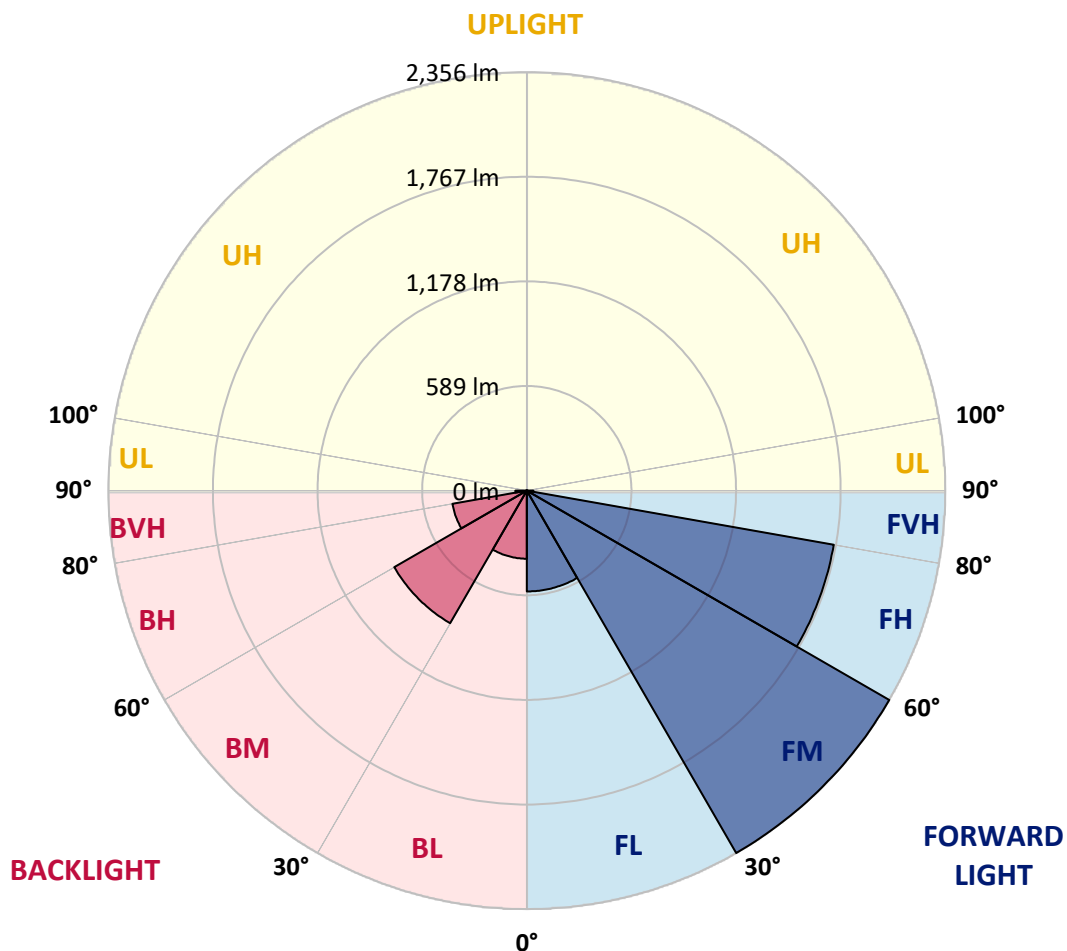
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	567.4	8.8			
FM	(30°-60°)	2355.7	36.5			
FH	(60°-80°)	1754.7	27.2			G1/1800
FVH	(80°-90°)	37.3	0.6			G1/100
BL	(0°-30°)	383.3	5.9	B1/500		
BM	(30°-60°)	861.6	13.4	B1/1000		
BH	(60°-80°)	425.1	6.6	B1/500		G1/500
BVH	(80°-90°)	64.8	1.0			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6
2.5°	1107.7	1110.3	1107.7	1105.1	1100.0	1097.4	1094.8	1088.3	1080.6	1069.0	1059.9
5°	1156.8	1156.8	1152.9	1150.3	1142.6	1134.8	1130.9	1115.5	1098.7	1079.3	1061.2
7.5°	1202.0	1207.1	1200.7	1194.2	1182.6	1169.7	1167.1	1143.9	1120.6	1094.8	1067.7
10°	1258.8	1262.6	1253.6	1248.4	1226.5	1209.7	1204.5	1176.1	1145.1	1112.9	1078.0
12.5°	1316.9	1319.4	1313.0	1301.4	1278.1	1257.5	1249.7	1212.3	1172.3	1133.5	1089.6
15°	1367.2	1369.8	1367.2	1354.3	1332.3	1306.5	1296.2	1254.9	1205.8	1155.5	1103.8
17.5°	1404.6	1409.8	1409.8	1403.4	1384.0	1359.5	1353.0	1301.4	1244.6	1181.3	1120.6
20°	1436.9	1439.5	1444.7	1440.8	1430.5	1409.8	1400.8	1351.7	1283.3	1211.0	1137.4
22.5°	1462.7	1465.3	1474.4	1473.1	1466.6	1456.3	1447.2	1402.1	1328.5	1240.7	1152.9
25°	1507.9	1506.6	1511.8	1507.9	1500.2	1496.3	1491.1	1451.1	1373.7	1275.5	1173.5
27.5°	1586.7	1584.1	1578.9	1559.6	1540.2	1535.0	1531.2	1502.8	1426.6	1315.6	1196.8
30°	1702.9	1705.5	1680.9	1637.0	1598.3	1582.8	1577.6	1558.3	1486.0	1362.0	1222.6
32.5°	1841.0	1839.7	1799.7	1737.7	1677.1	1646.1	1635.7	1615.1	1545.4	1408.5	1252.3
35°	1940.4	1937.8	1917.2	1861.7	1798.4	1724.8	1705.5	1673.2	1608.6	1461.4	1282.0
37.5°	2074.7	2070.8	2030.8	1972.7	1915.9	1810.0	1788.1	1744.2	1669.3	1513.1	1315.6
40°	2228.3	2203.8	2138.0	2078.6	2001.1	1888.8	1870.7	1813.9	1739.0	1576.4	1354.3
42.5°	2367.8	2331.6	2246.4	2171.5	2074.7	1981.7	1958.5	1891.4	1806.2	1634.4	1394.3
45°	2576.9	2489.1	2366.5	2322.6	2154.7	2069.5	2050.2	1967.5	1879.7	1697.7	1434.3
47.5°	2551.1	2489.1	2449.1	2443.9	2238.7	2165.1	2136.7	2051.5	1958.5	1764.8	1475.7
50°	2601.4	2552.4	2555.0	2491.7	2314.8	2246.4	2225.7	2139.2	2038.5	1830.7	1519.5
52.5°	2591.1	2605.3	2597.6	2499.4	2388.4	2331.6	2316.1	2229.6	2114.7	1893.9	1558.3
55°	2673.7	2666.0	2649.2	2552.4	2469.7	2411.6	2398.7	2323.9	2192.2	1948.2	1591.8
57.5°	2734.4	2694.4	2693.1	2611.8	2560.1	2512.3	2491.7	2420.7	2264.5	1995.9	1617.7
60°	2697.0	2649.2	2684.1	2620.8	2615.6	2597.6	2585.9	2505.9	2329.0	2032.1	1628.0
62.5°	2496.9	2508.5	2611.8	2607.9	2676.3	2693.1	2680.2	2565.3	2371.6	2045.0	1620.2
65°	2232.2	2267.1	2425.9	2561.4	2747.3	2805.4	2792.5	2607.9	2367.8	2015.3	1568.6
67°	1917.2	1954.6	2202.5	2449.1	2740.9	2864.8	2855.8	2638.9	2321.3	1939.1	1475.7
67.5°	1847.5	1890.1	2138.0	2397.4	2717.6	2859.6	2853.2	2641.5	2305.8	1903.0	1439.5
70°	1359.5	1409.8	1759.7	2107.0	2531.7	2709.9	2708.6	2544.6	2145.7	1706.7	1248.4
72.5°	846.9	892.1	1254.9	1643.5	2193.5	2412.9	2403.9	2216.7	1847.5	1393.0	985.1
75°	519.0	547.4	790.1	1071.6	1590.6	1953.3	1966.2	1732.6	1260.0	827.6	556.4
77.5°	317.6	348.6	498.3	661.0	972.1	1214.9	1217.4	960.5	646.8	450.6	304.7
80°	176.9	184.6	259.5	346.0	498.3	500.9	480.3	423.5	335.7	216.9	156.2
82.5°	69.7	74.9	112.3	139.4	142.0	148.5	138.1	125.2	105.9	69.7	49.1
85°	0.0	0.0	0.0	2.6	9.0	18.1	18.1	12.9	5.2	3.9	3.9
87.5°	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
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°	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6	1058.6
2.5°	1057.4	1056.1	1047.0	1036.7	1029.0	1022.5	1016.0	1008.3	1008.3	1010.9	1009.6
5°	1054.8	1048.3	1031.5	1013.5	999.3	986.3	974.7	964.4	963.1	964.4	965.7
7.5°	1056.1	1044.4	1018.6	991.5	968.3	951.5	934.7	927.0	925.7	925.7	925.7
10°	1061.2	1044.4	1009.6	972.1	943.7	919.2	901.1	893.4	894.7	896.0	897.3
12.5°	1070.3	1047.0	1003.1	955.4	919.2	894.7	876.6	870.2	875.3	881.8	883.1
15°	1079.3	1052.2	996.7	941.2	899.8	872.7	859.8	858.5	867.6	879.2	881.8
17.5°	1089.6	1056.1	988.9	923.1	879.2	857.2	850.8	854.7	868.9	886.9	890.8
20°	1100.0	1061.2	979.9	906.3	859.8	844.3	848.2	859.8	877.9	899.8	903.7
22.5°	1110.3	1065.1	968.3	885.6	839.2	834.0	848.2	867.6	885.6	910.2	915.3
25°	1121.9	1070.3	954.1	859.8	818.5	822.4	846.9	870.2	889.5	915.3	921.8
27.5°	1140.0	1078.0	939.9	836.6	795.3	808.2	840.5	868.9	889.5	914.1	921.8
30°	1158.1	1085.8	928.3	812.1	772.0	788.8	827.6	862.4	883.1	905.0	915.3
32.5°	1178.7	1096.1	917.9	787.5	746.2	766.9	809.5	848.2	872.7	892.1	902.4
35°	1200.7	1111.6	910.2	765.6	720.4	738.5	782.4	830.1	854.7	872.7	881.8
37.5°	1229.1	1128.4	905.0	743.6	693.3	708.8	754.0	804.3	832.7	846.9	858.5
40°	1260.0	1152.9	905.0	725.6	667.5	677.8	724.3	778.5	806.9	818.5	830.1
42.5°	1291.0	1177.4	903.7	707.5	640.4	648.1	694.6	750.1	777.2	786.2	795.3
45°	1327.2	1205.8	902.4	686.8	610.7	618.4	666.2	721.7	747.5	755.3	763.0
47.5°	1365.9	1234.2	897.3	661.0	583.5	590.0	637.8	689.4	715.2	724.3	732.0
50°	1400.8	1261.3	884.4	631.3	559.0	565.5	608.1	650.7	673.9	684.2	692.0
52.5°	1431.8	1280.7	863.7	597.7	531.9	539.7	571.9	609.4	627.4	635.2	640.4
55°	1456.3	1291.0	830.1	565.5	506.1	510.0	535.8	569.3	583.5	584.8	588.7
57.5°	1473.1	1289.7	784.9	528.0	480.3	481.6	499.6	529.3	539.7	538.4	540.9
60°	1476.9	1273.0	730.7	493.2	454.4	450.6	468.6	489.3	495.8	500.9	507.4
62.5°	1461.4	1232.9	668.8	458.3	428.6	422.2	435.1	453.2	463.5	466.1	468.6
65°	1404.6	1159.3	593.9	422.2	402.8	391.2	405.4	431.2	448.0	453.2	451.9
67°	1305.2	1056.1	529.3	395.1	377.0	366.7	387.3	414.4	426.0	433.8	433.8
67.5°	1273.0	1018.6	507.4	386.0	370.5	361.5	380.9	406.7	422.2	431.2	431.2
70°	1080.6	835.3	428.6	340.8	333.1	334.4	357.6	386.0	405.4	414.4	414.4
72.5°	823.7	646.8	348.6	296.9	294.4	303.4	333.1	358.9	383.4	398.9	397.6
75°	467.4	373.1	254.3	242.7	253.0	271.1	308.6	337.0	358.9	374.4	373.1
77.5°	272.4	224.6	175.6	166.5	196.2	237.6	276.3	312.4	327.9	333.1	329.2
80°	138.1	117.5	109.7	113.6	131.7	176.9	241.4	284.0	295.6	299.5	295.6
82.5°	43.9	40.0	43.9	58.1	87.8	139.4	194.9	256.9	271.1	271.1	269.8
85°	2.6	2.6	2.6	25.8	60.7	103.3	152.3	224.6	254.3	251.8	247.9
87.5°	1.3	1.3	1.3	16.8	47.8	86.5	134.3	204.0	242.7	224.6	211.7
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: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

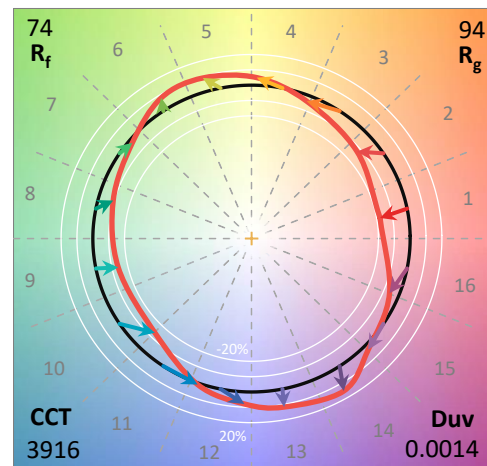
Data in this report applies to families of products including GKO-PB1E-740-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-1
 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-740-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3916	CRI (Ra):	71.0		
CIE u':	0.2259	R1:	67.4	R9:	-37.9
CIE v':	0.5049	R2:	78.3	R10:	48.9
Duv:	0.0014	R3:	87.2	R11:	64.6
CIE x:	0.3853	R4:	69.5	R12:	40.9
CIE y:	0.3827	R5:	67.2	R13:	69.2
CIE z:	0.2321	R6:	69.3	R14:	92.7
Peak Wavelength (nm):	449	R7:	79.9	R15:	59.8
Dominant Wavelength (nm):	578	R8:	48.9		
Purity:	30.46652				
Rf:	73.5				
Rg:	93.5				



Test Conditions

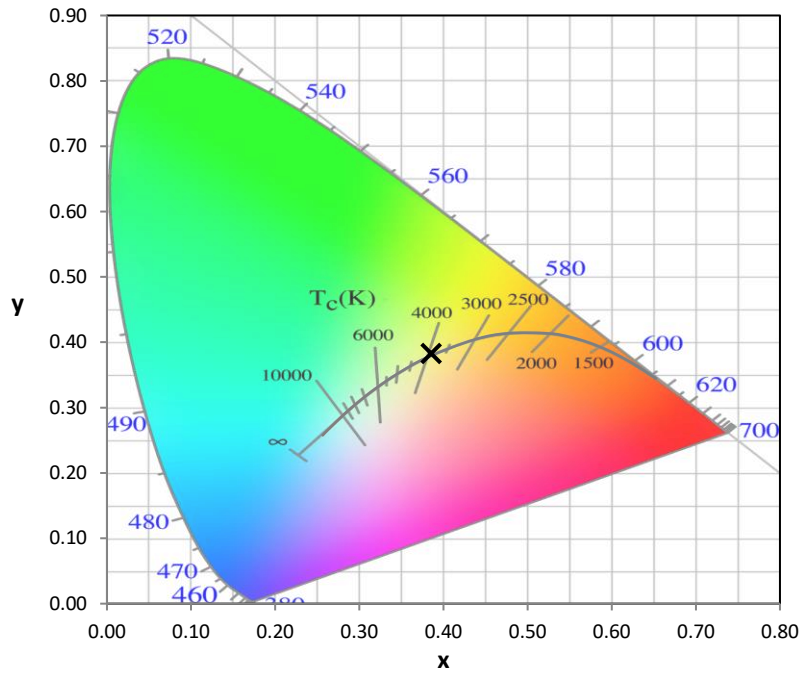
Stabilization Time: 33M
 Operation Time: 1H 33M
 Sphere Temperature (°C): 25.0

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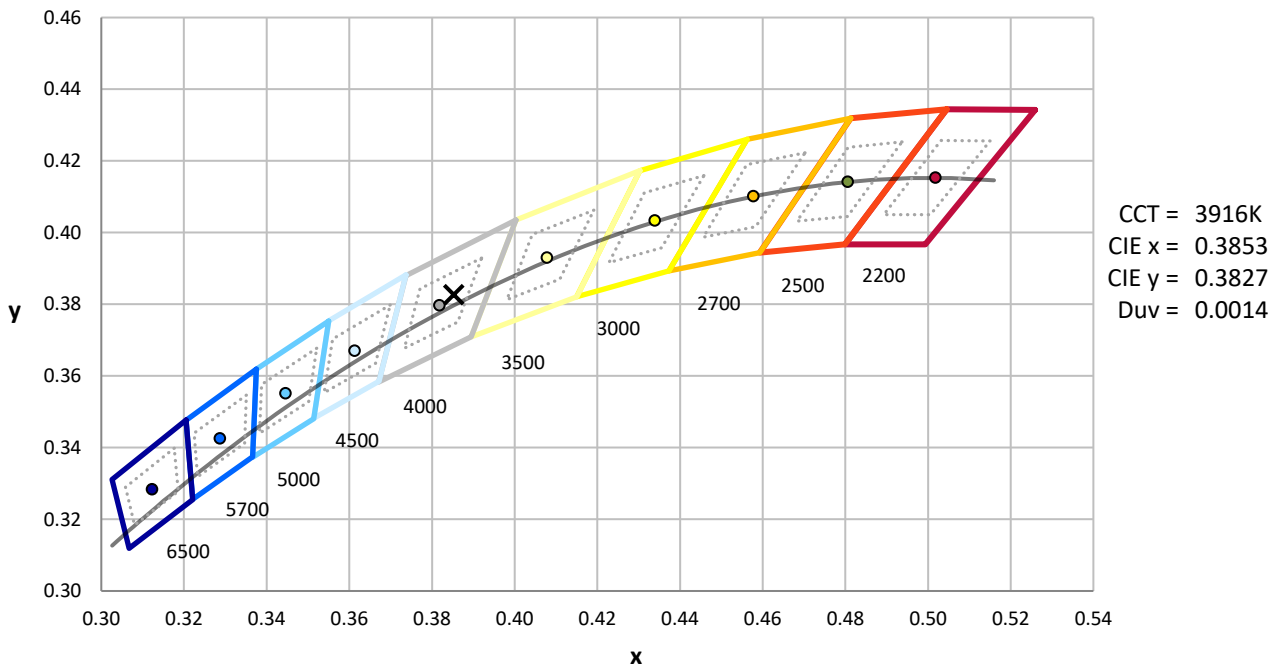
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



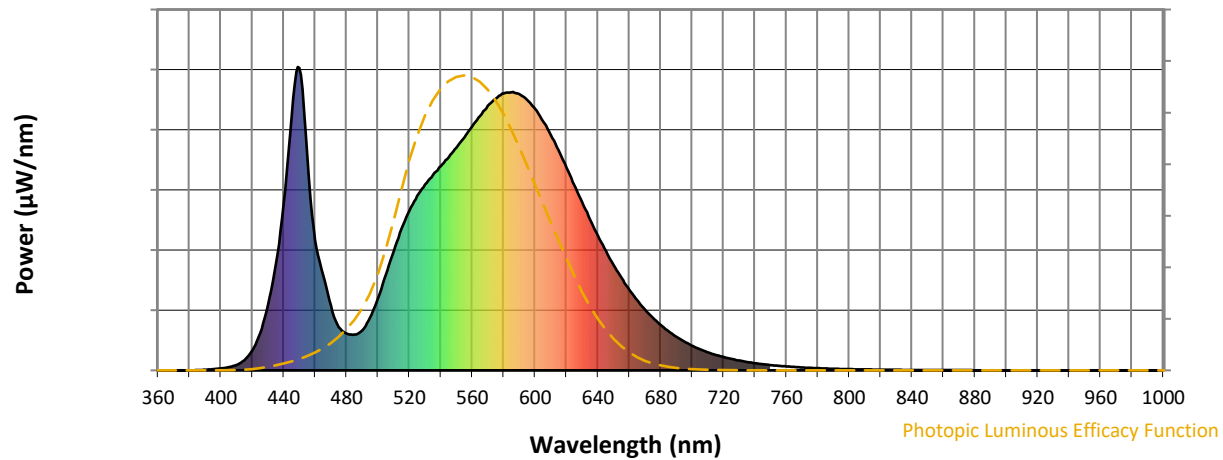
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

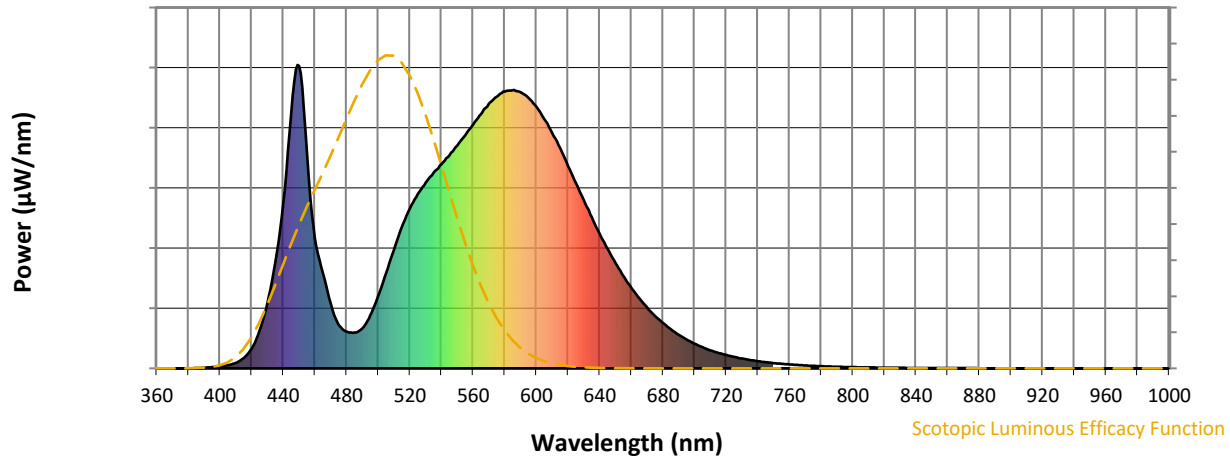


Photopic Lumens: NR

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



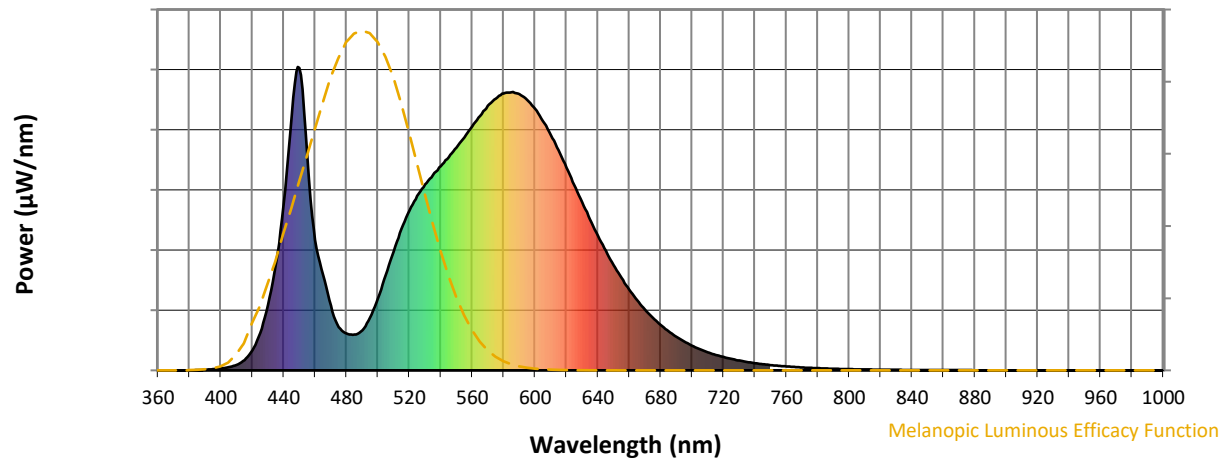
Scotopic Lumens: NR

S/P: 1.49

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

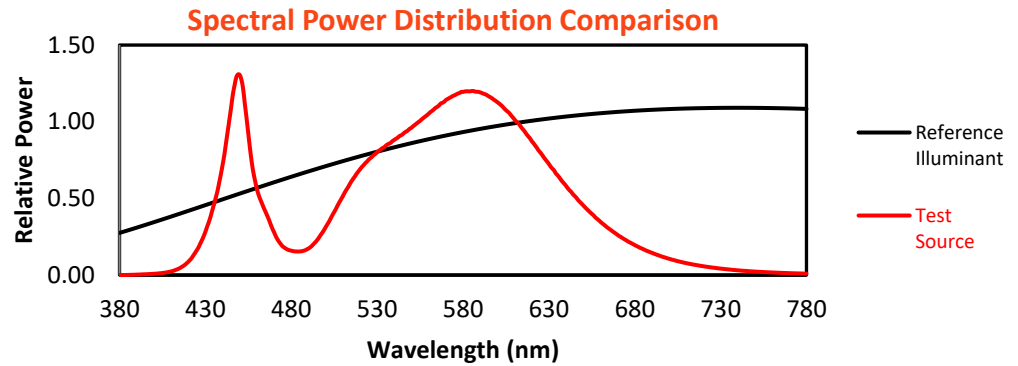
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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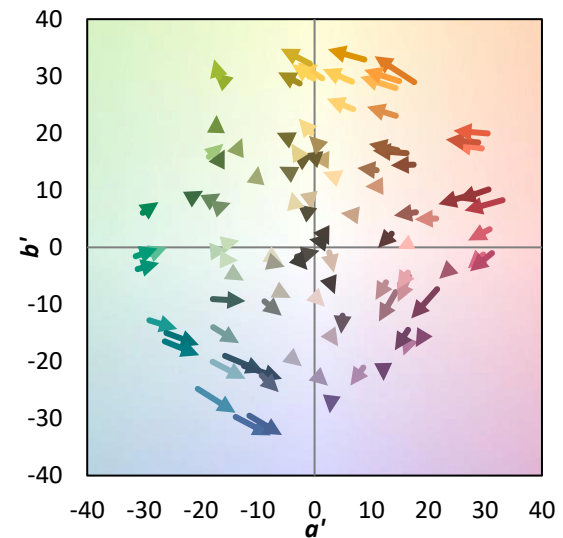
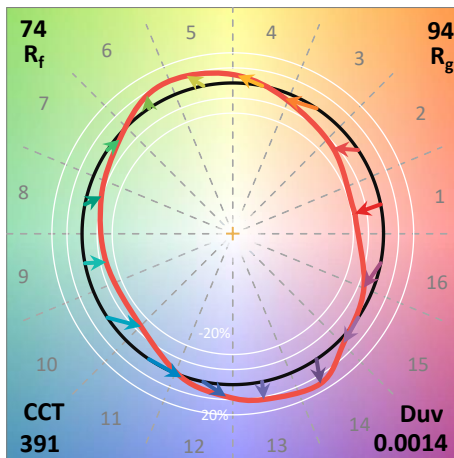
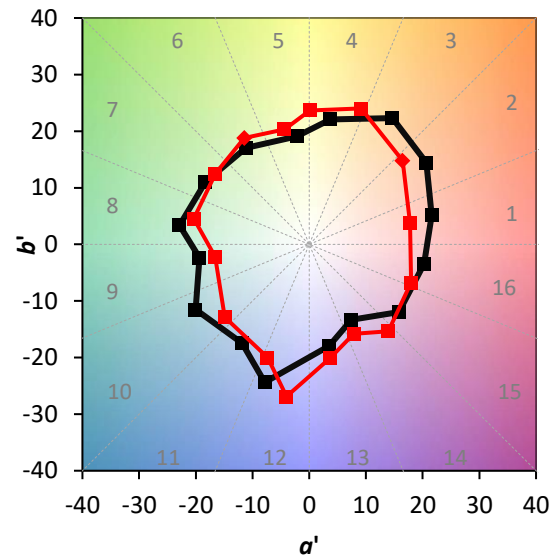
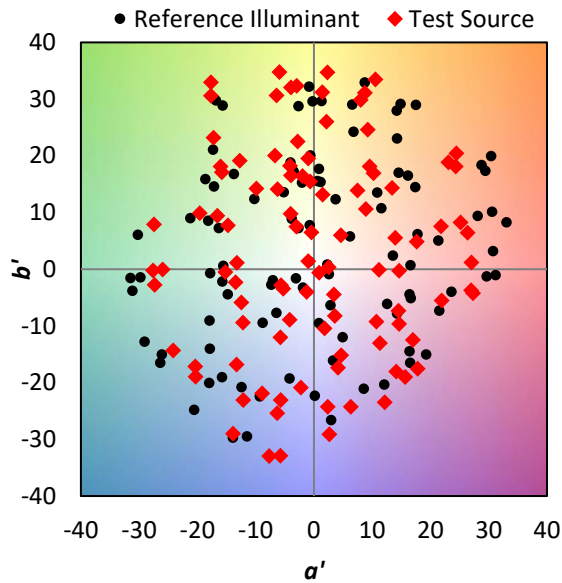
TM-30-18

Summary

$R_f = 73.5$
 $R_g = 93.5$
 CIE $R_a = 71.0$
 $R_g = -37.9$

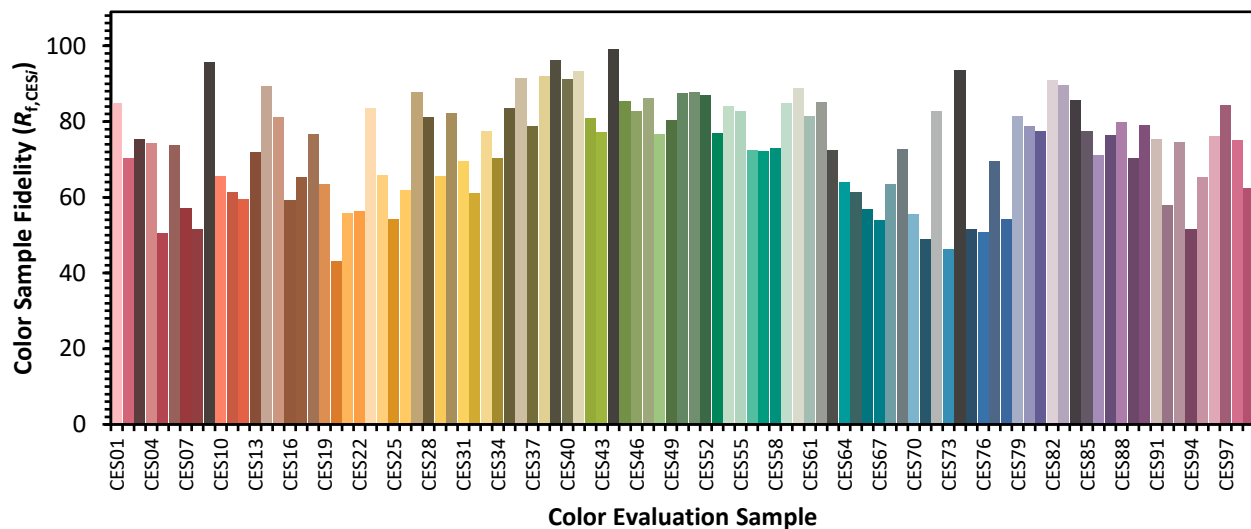


Color Vector Graphics

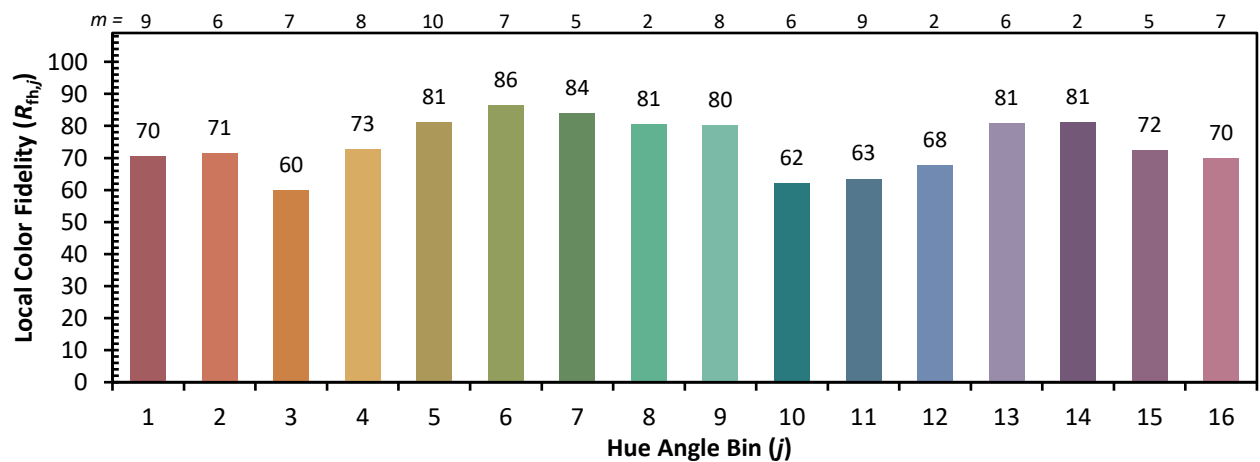
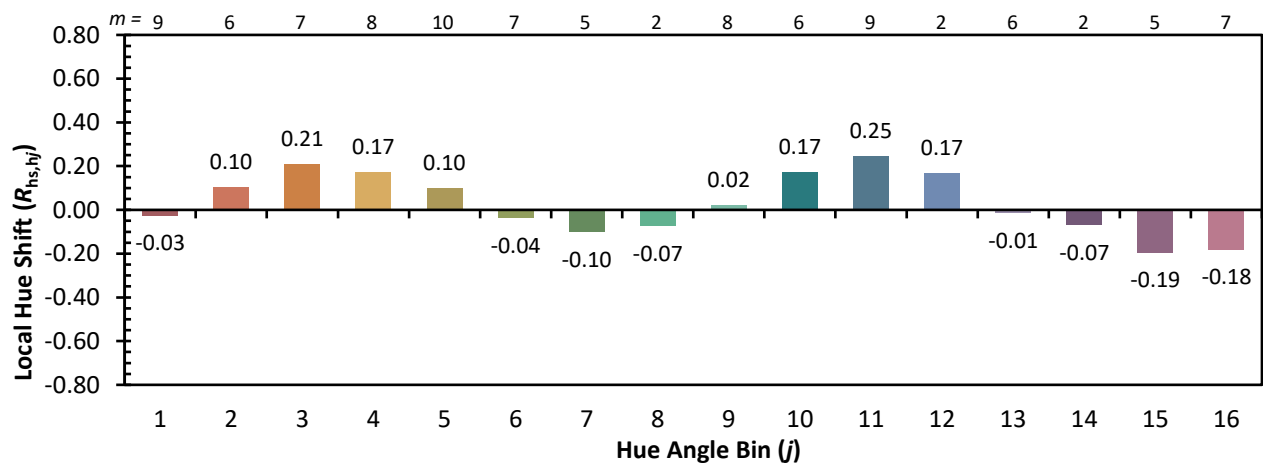
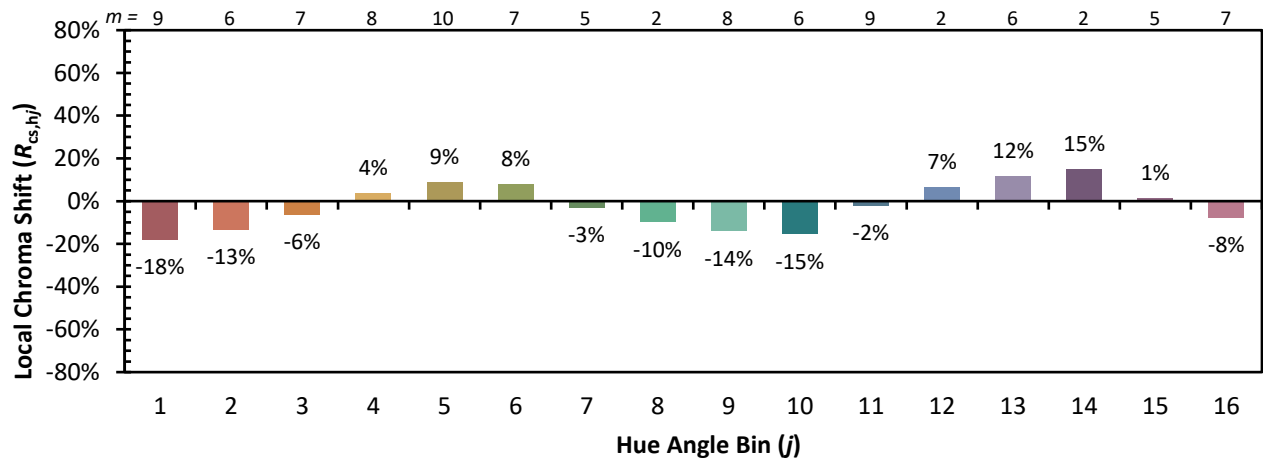


Individual Sample Fidelity Index ($R_{f,i}$)

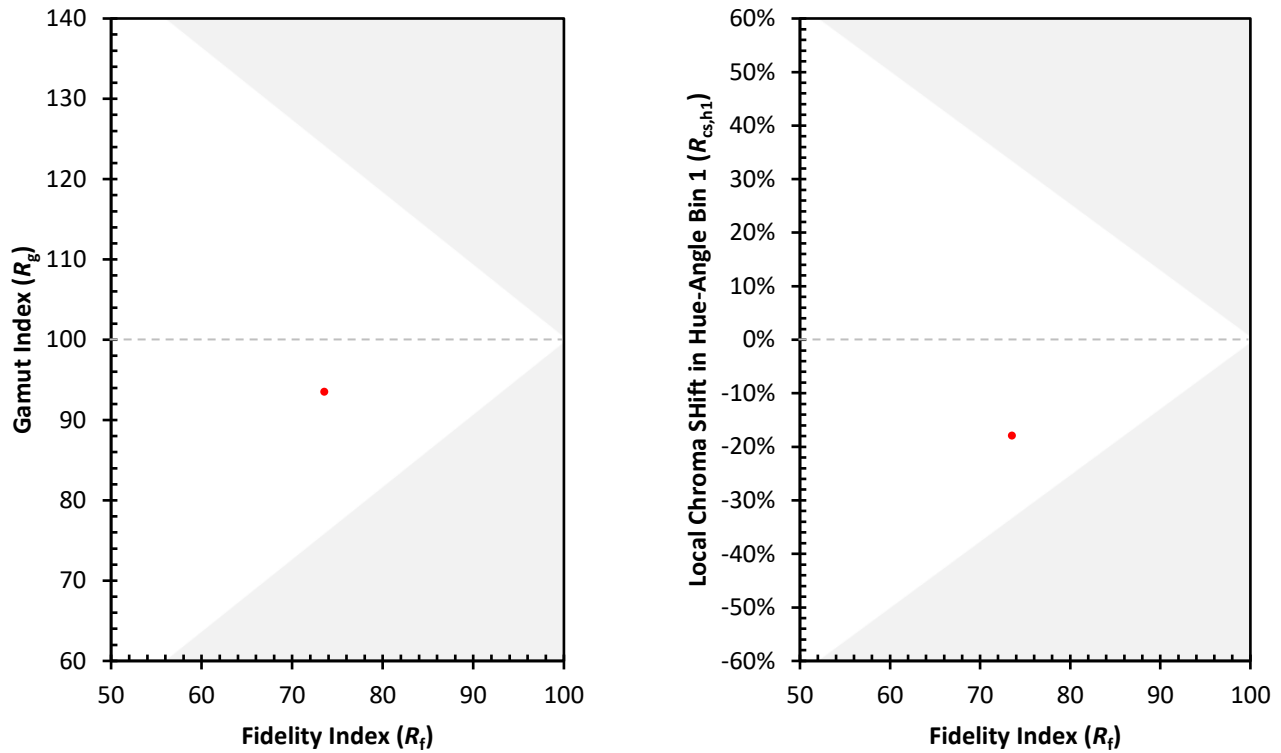
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 91
CES08 = 39	CES33 = 77	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 86
CES10 = 74	CES35 = 84	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 81	CES86 = 71
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 76
CES13 = 42	CES38 = 92	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 64	CES89 = 70
CES15 = 71	CES40 = 91	CES65 = 61	CES90 = 79
CES16 = 46	CES41 = 93	CES66 = 57	CES91 = 75
CES17 = 49	CES42 = 81	CES67 = 54	CES92 = 58
CES18 = 56	CES43 = 77	CES68 = 63	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 73	CES94 = 52
CES20 = 65	CES45 = 85	CES70 = 56	CES95 = 65
CES21 = 86	CES46 = 83	CES71 = 49	CES96 = 76
CES22 = 78	CES47 = 86	CES72 = 83	CES97 = 84
CES23 = 92	CES48 = 77	CES73 = 46	CES98 = 75
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 62
CES25 = 72	CES50 = 87	CES75 = 52	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)