

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: P977133

Luminaire Tested: **GKO-PB1F-730-U-T2R**

Issue Date: 03/19/2025

Test Information

Test Method: LM-79-08
Report Number: P977133
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-T2R
Description: GEKKO WALL PACK 6500LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6342.1 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

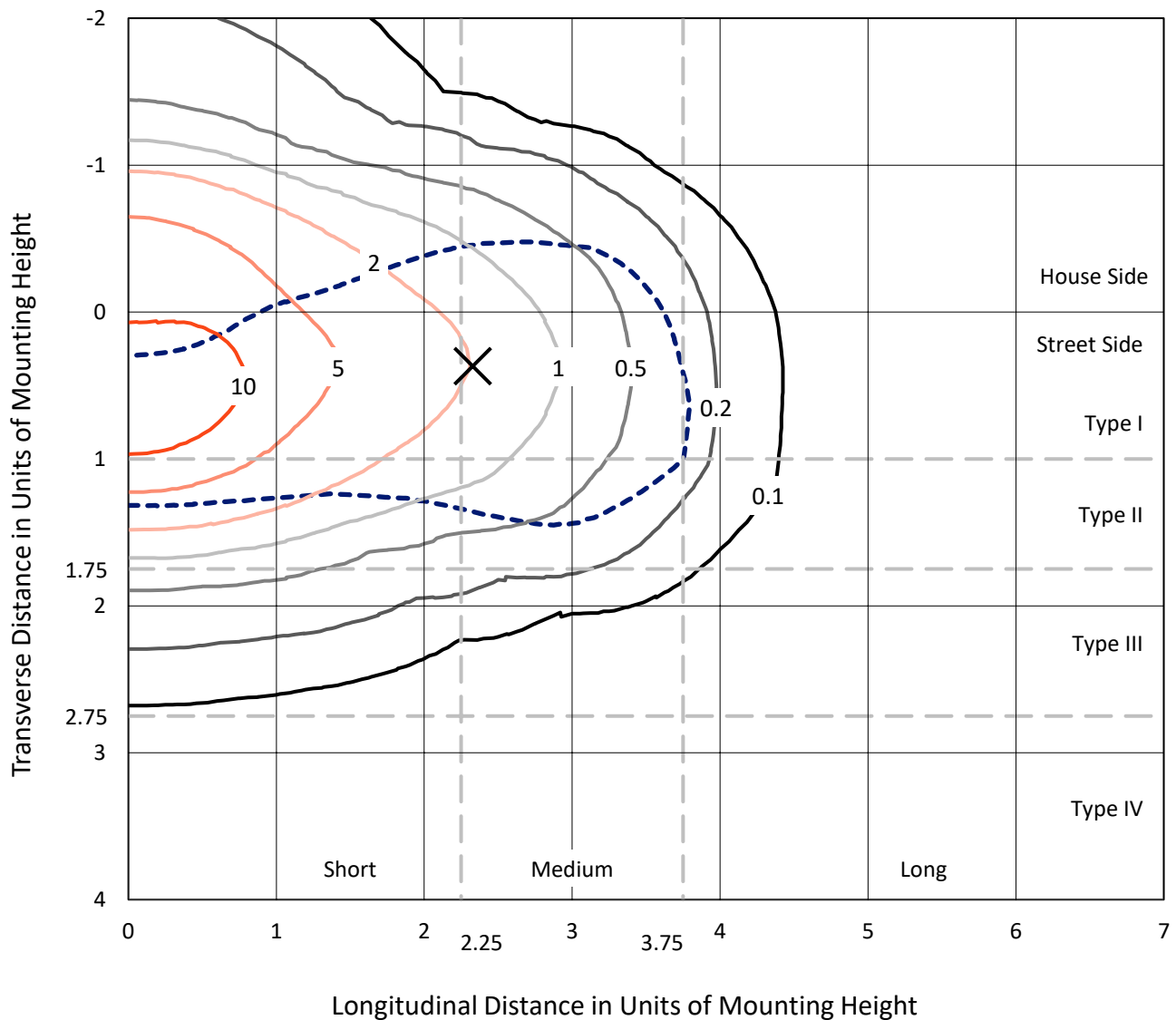
Input Watts (W): 54.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.7%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

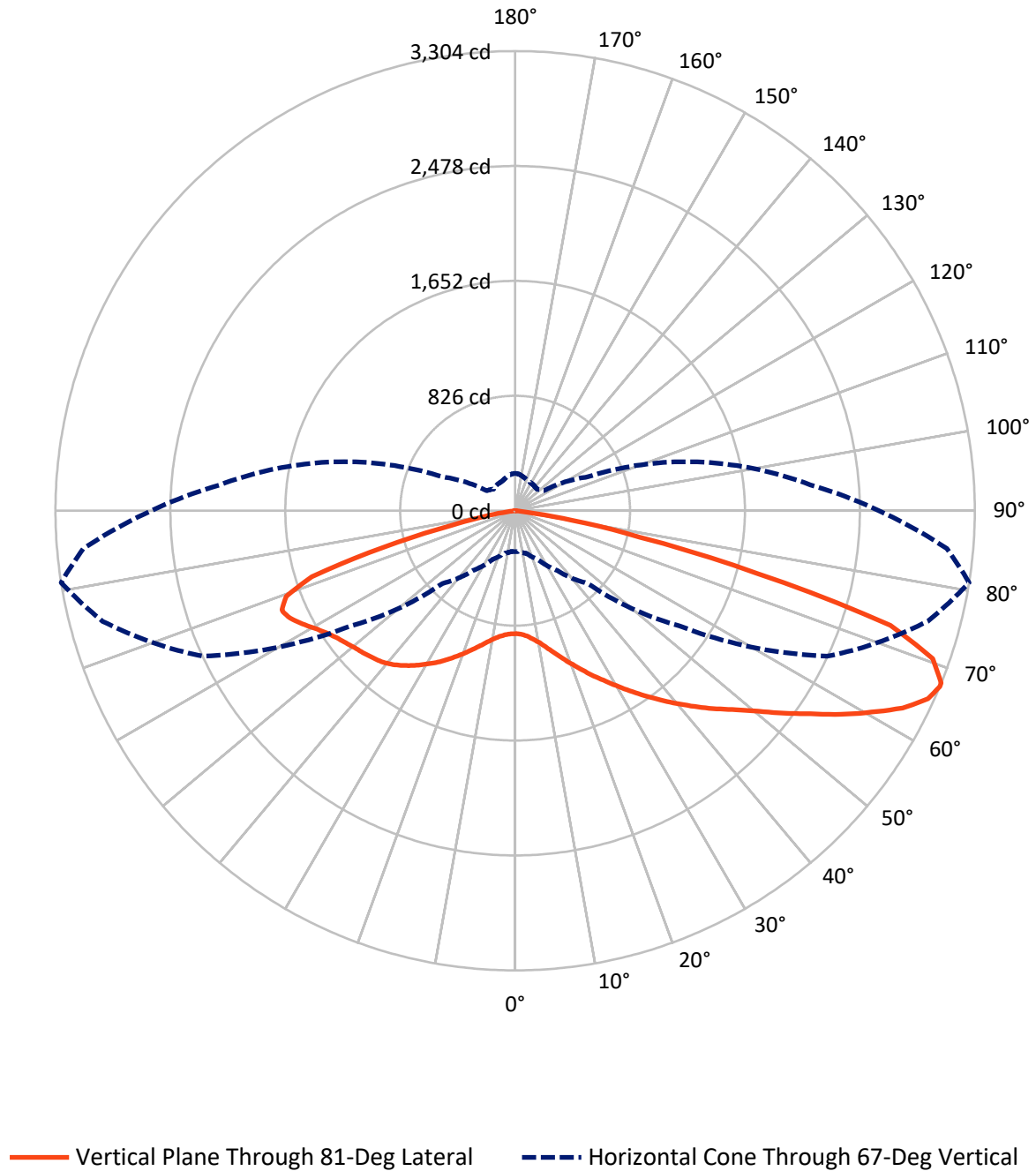


Based on 10 foot mounting height. Maximum calculated value = 17 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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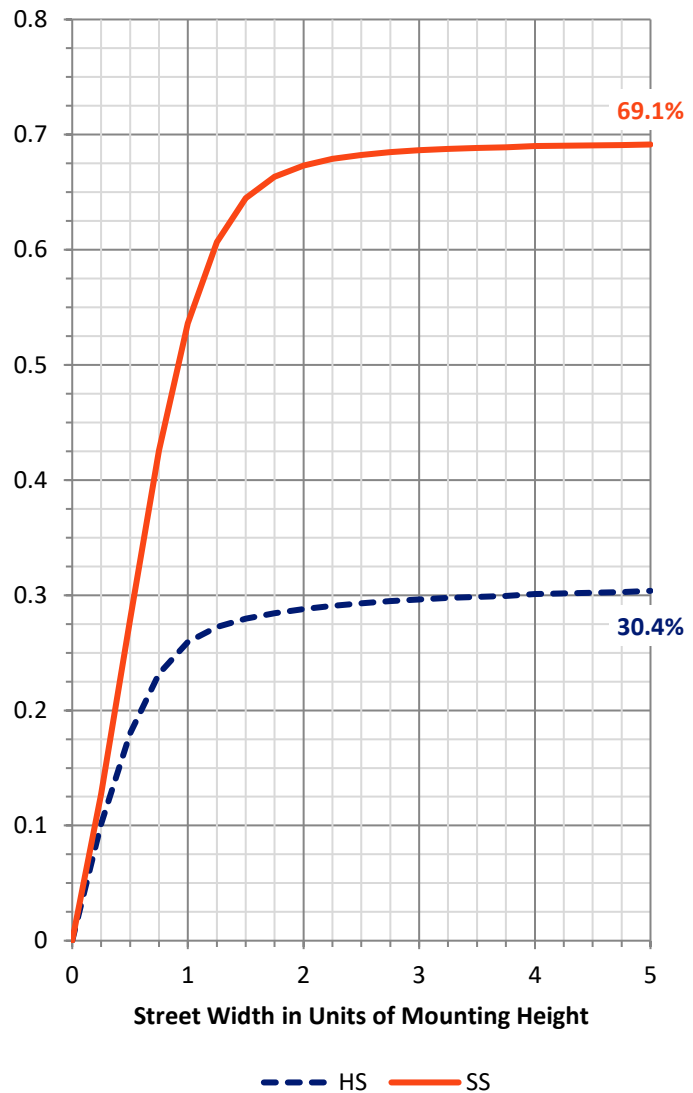
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1958.4	0.0	1958.4
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	4383.7	0.0	4383.7
	% Fixture	69.1	0.0	69.1
Total	Lumens	6342.1	0.0	6342.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.5	1.4
10°-20°	331.2	5.2
20°-30°	671.0	10.6
30°-40°	1058.1	16.7
40°-50°	1299.4	20.5
50°-60°	1241.4	19.6
60°-70°	1041.0	16.4
70°-80°	551.5	8.7
80°-90°	57.0	0.9
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°	6342.1	100.0
0°-180°	6342.1	100.0



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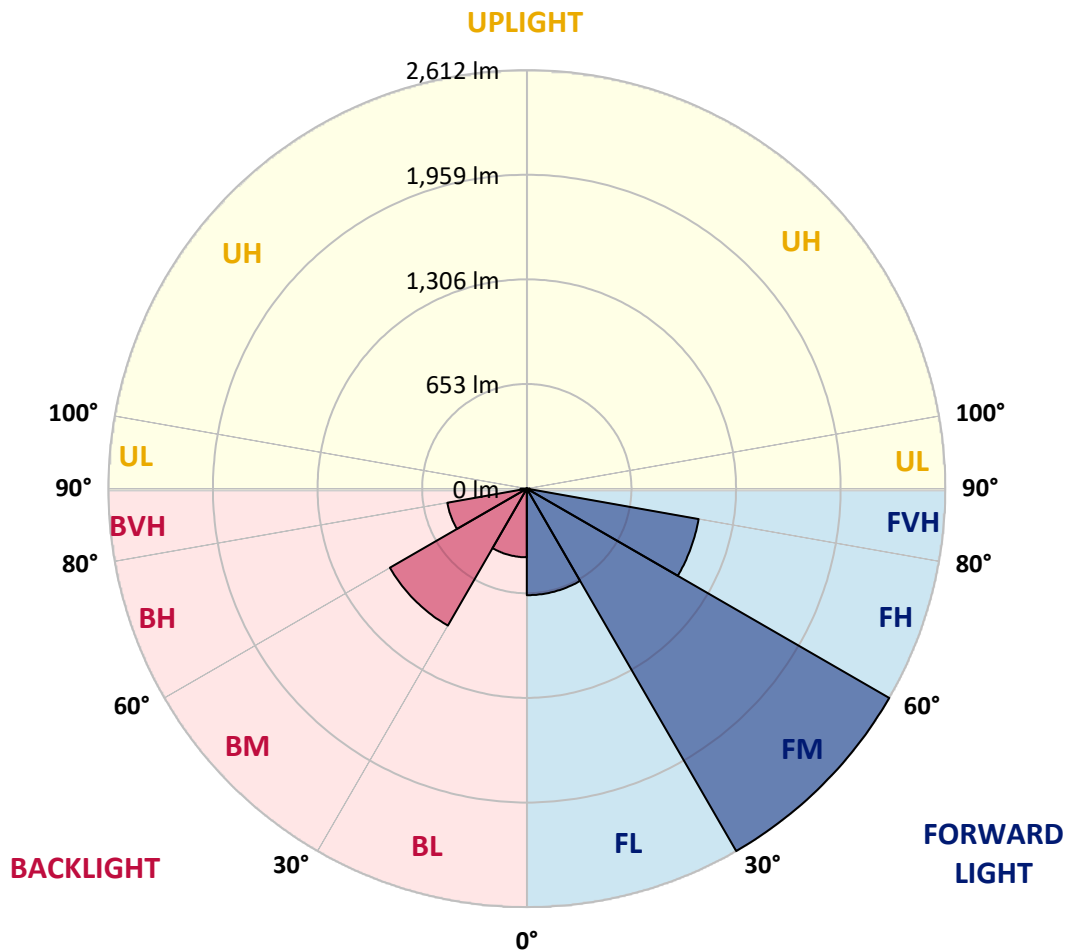
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	665.2	10.5			
FM	(30°-60°)	2612.1	41.2			
FH	(60°-80°)	1088.7	17.2			G1/1800
FVH	(80°-90°)	17.7	0.3			G1/100
BL	(0°-30°)	428.6	6.8	B1/500		
BM	(30°-60°)	986.8	15.6	B1/1000		
BH	(60°-80°)	503.8	7.9	B2/1000		G2/1000
BVH	(80°-90°)	39.3	0.6			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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	883.4	883.4	883.4	883.4	883.4	883.4	883.4	883.4	883.4	883.4	883.4
2.5°	934.4	936.8	932.0	930.8	925.9	918.6	910.1	904.1	894.4	889.5	887.1
5°	1023.0	1018.2	1014.5	1008.4	991.5	976.9	952.6	935.6	917.4	905.3	901.7
7.5°	1131.0	1133.4	1121.3	1105.5	1081.3	1052.1	1013.3	981.7	947.8	932.0	924.7
10°	1248.7	1258.4	1246.3	1226.9	1180.8	1137.1	1089.7	1035.1	989.0	964.8	955.0
12.5°	1391.9	1398.0	1382.2	1356.7	1300.9	1235.4	1168.6	1100.7	1040.0	1009.7	992.7
15°	1552.1	1547.2	1531.5	1493.9	1422.3	1349.4	1258.4	1169.8	1098.2	1060.6	1036.4
17.5°	1717.1	1711.1	1690.4	1641.9	1560.6	1469.6	1361.6	1249.9	1160.1	1118.9	1086.1
20°	1874.9	1868.8	1854.3	1799.7	1701.4	1589.7	1463.5	1342.2	1230.5	1179.5	1143.1
22.5°	2049.6	2044.8	2021.7	1955.0	1849.4	1726.9	1580.0	1435.6	1307.0	1246.3	1202.6
25°	2239.0	2240.2	2214.7	2121.2	2002.3	1859.1	1705.0	1541.2	1393.1	1316.7	1266.9
27.5°	2459.8	2458.6	2414.9	2314.2	2164.9	1999.9	1828.8	1651.6	1478.1	1388.3	1331.2
30°	2660.1	2655.2	2606.7	2505.9	2333.6	2147.9	1959.8	1758.4	1573.9	1467.2	1398.0
32.5°	2808.1	2809.3	2769.3	2658.8	2490.2	2292.4	2082.4	1878.5	1666.2	1552.1	1475.7
35°	2914.9	2916.1	2877.3	2782.6	2624.9	2427.1	2212.3	1991.4	1769.3	1639.5	1557.0
37.5°	2948.9	2948.9	2923.4	2849.4	2720.7	2548.4	2339.7	2120.0	1872.5	1734.1	1639.5
40°	2902.8	2906.4	2905.2	2856.6	2768.1	2632.1	2457.4	2243.8	1987.8	1827.6	1723.2
42.5°	2798.4	2800.8	2804.5	2786.3	2758.3	2677.0	2552.0	2370.0	2103.0	1929.5	1805.7
45°	2626.1	2635.8	2654.0	2661.3	2672.2	2666.1	2610.3	2487.7	2231.7	2031.4	1887.0
47.5°	2407.6	2423.4	2447.7	2491.4	2552.0	2600.6	2624.9	2578.7	2356.7	2137.0	1978.1
50°	2104.3	2121.2	2186.8	2277.8	2397.9	2492.6	2584.8	2646.7	2496.2	2265.7	2080.0
52.5°	1684.4	1720.8	1831.2	2006.0	2212.3	2353.0	2499.9	2679.5	2638.2	2417.3	2201.3
55°	1281.5	1294.8	1436.8	1646.8	1964.7	2202.6	2383.4	2662.5	2771.7	2576.3	2339.7
57.5°	895.6	910.1	1033.9	1263.3	1615.2	2006.0	2266.9	2605.4	2893.1	2763.2	2498.7
60°	635.9	651.7	743.9	913.8	1254.8	1719.6	2158.9	2532.6	2998.6	2940.4	2681.9
62.5°	462.4	470.8	519.4	662.6	906.5	1344.6	2004.7	2485.3	3072.7	3124.8	2870.0
65°	354.4	362.8	390.8	480.6	669.9	983.0	1728.1	2484.1	3092.1	3260.8	3032.6
67°	294.9	293.7	317.9	385.9	523.0	739.0	1442.9	2474.4	3070.2	3304.4	3115.1
67.5°	279.1	284.0	303.4	360.4	493.9	680.8	1381.0	2458.6	3062.9	3303.2	3121.2
70°	222.1	223.3	240.3	285.2	371.3	493.9	993.9	2303.3	2952.5	3184.3	3053.2
72.5°	162.6	161.4	186.9	216.0	284.0	359.2	666.2	1934.4	2713.4	2821.5	2714.7
75°	120.1	118.9	132.3	165.0	202.7	268.2	432.0	1262.1	1837.3	1794.8	1657.7
77.5°	80.1	82.5	94.7	121.4	144.4	166.3	216.0	581.3	1012.1	915.0	881.0
80°	48.5	44.9	53.4	69.2	83.7	84.9	92.2	251.2	434.4	413.8	388.3
82.5°	17.0	17.0	20.6	27.9	27.9	27.9	34.0	60.7	86.2	78.9	75.2
85°	0.0	0.0	0.0	0.0	2.4	3.6	2.4	4.9	8.5	9.7	9.7
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4	3.6	4.9	4.9
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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CATALOG NUMBER: GKO-PB1F-730-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	883.4	883.4	883.4	883.4	883.4	883.4	883.4	883.4	883.4	883.4	883.4
2.5°	887.1	887.1	883.4	878.6	876.2	875.0	871.3	866.5	870.1	873.7	873.7
5°	899.2	896.8	889.5	884.7	881.0	881.0	876.2	875.0	878.6	882.2	881.0
7.5°	918.6	913.8	905.3	898.0	899.2	900.4	893.2	893.2	896.8	900.4	900.4
10°	945.3	936.8	928.3	922.3	923.5	924.7	917.4	915.0	918.6	922.3	924.7
12.5°	979.3	968.4	958.7	952.6	951.4	952.6	945.3	942.9	942.9	945.3	945.3
15°	1019.4	1007.2	995.1	986.6	984.2	983.0	973.2	964.8	964.8	966.0	966.0
17.5°	1065.5	1048.5	1032.7	1023.0	1016.9	1008.4	997.5	985.4	981.7	983.0	983.0
20°	1111.6	1093.4	1072.8	1059.4	1047.3	1032.7	1015.7	999.9	992.7	992.7	991.5
22.5°	1165.0	1140.7	1112.8	1094.6	1072.8	1048.5	1024.2	1003.6	996.3	993.9	993.9
25°	1219.6	1191.7	1151.6	1123.7	1092.2	1057.0	1025.4	997.5	985.4	980.5	980.5
27.5°	1275.4	1242.7	1190.5	1150.4	1104.3	1055.8	1013.3	978.1	961.1	955.0	952.6
30°	1338.5	1291.2	1224.4	1169.8	1106.7	1044.8	990.2	949.0	923.5	908.9	910.1
32.5°	1404.1	1344.6	1256.0	1182.0	1103.1	1024.2	955.0	902.9	870.1	856.8	851.9
35°	1470.8	1395.6	1283.9	1188.0	1091.0	992.7	910.1	851.9	815.5	796.1	796.1
37.5°	1538.8	1449.0	1303.3	1186.8	1069.1	951.4	858.0	796.1	753.6	729.3	723.3
40°	1605.5	1498.7	1317.9	1177.1	1036.4	901.7	802.1	735.4	678.4	646.8	642.0
42.5°	1671.0	1540.0	1325.2	1161.3	997.5	847.0	739.0	649.2	594.6	565.5	564.3
45°	1730.5	1572.7	1326.4	1140.7	946.6	785.2	654.1	567.9	513.3	483.0	483.0
47.5°	1788.7	1609.1	1325.2	1114.0	890.7	705.1	564.3	480.6	430.8	411.4	405.3
50°	1859.1	1645.5	1324.0	1081.3	819.1	609.2	476.9	405.3	362.8	343.4	343.4
52.5°	1930.7	1688.0	1326.4	1035.1	734.2	515.7	399.3	336.1	308.2	296.1	294.9
55°	2023.0	1732.9	1332.5	980.5	645.6	424.7	332.5	290.0	270.6	264.5	265.8
57.5°	2134.6	1794.8	1344.6	916.2	542.4	348.3	285.2	262.1	257.3	259.7	260.9
60°	2262.0	1871.3	1361.6	843.4	451.4	290.0	257.3	252.4	257.3	267.0	268.2
62.5°	2410.1	1963.5	1383.4	762.1	361.6	254.8	245.1	248.8	252.4	268.2	269.4
65°	2541.1	2063.0	1388.3	666.2	293.7	231.8	237.9	240.3	250.0	268.2	269.4
67°	2615.2	2131.0	1355.5	575.2	251.2	219.6	228.1	230.6	247.6	265.8	268.2
67.5°	2623.6	2145.5	1333.7	552.2	242.7	217.2	225.7	230.6	247.6	265.8	267.0
70°	2598.2	2135.8	1188.0	416.2	200.2	200.2	209.9	220.9	237.9	257.3	265.8
72.5°	2371.2	1947.7	919.9	282.8	169.9	180.8	195.4	211.2	226.9	250.0	264.5
75°	1498.7	1253.6	563.1	189.3	142.0	161.4	184.5	202.7	216.0	233.0	242.7
77.5°	800.9	620.1	242.7	111.6	111.6	143.2	171.1	188.1	195.4	201.4	207.5
80°	378.6	288.8	117.7	66.7	77.7	111.6	151.7	169.9	172.3	179.6	182.0
82.5°	75.2	65.5	38.8	35.2	51.0	80.1	126.2	146.8	148.1	160.2	162.6
85°	9.7	8.5	6.1	13.3	32.8	59.5	97.1	126.2	128.6	128.6	126.2
87.5°	4.9	3.6	3.6	9.7	24.3	44.9	80.1	105.6	106.8	83.7	81.3
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

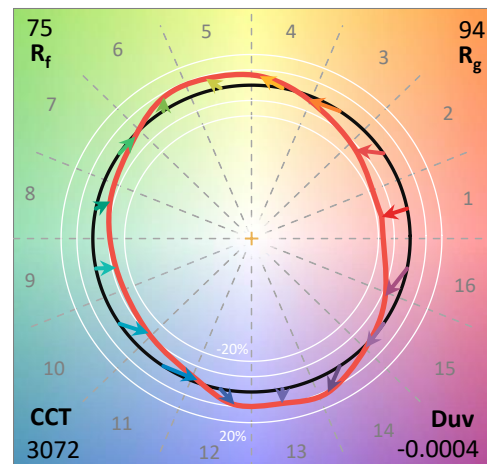
Test Information

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

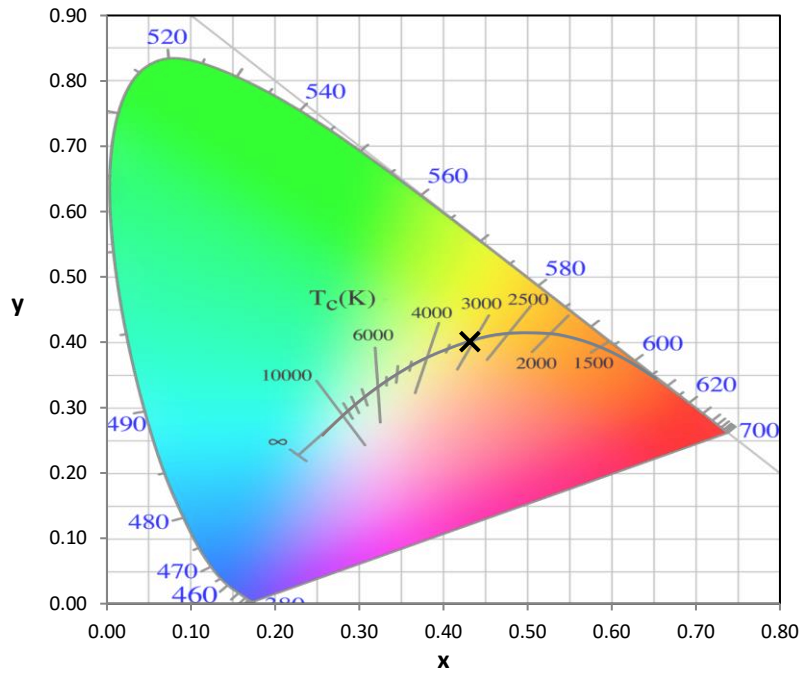
Stabilization Time: 30M
 Operation Time: 1H 30M
 Sphere Temperature (°C): 25.7

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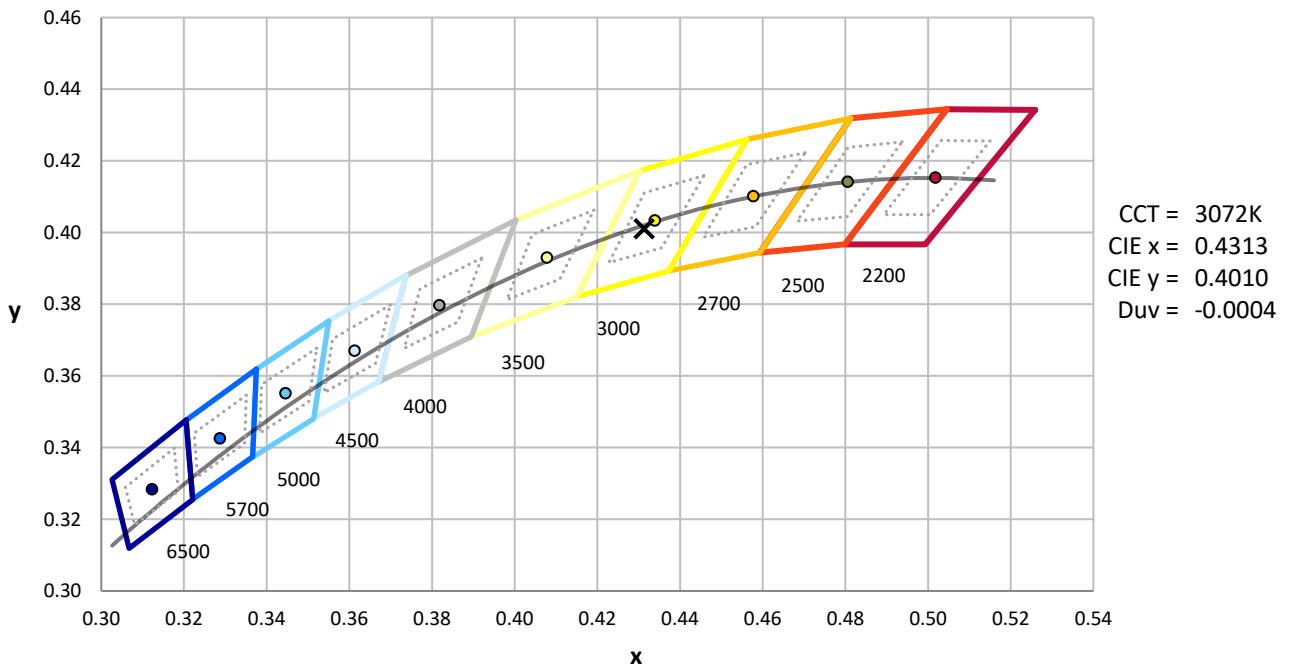
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



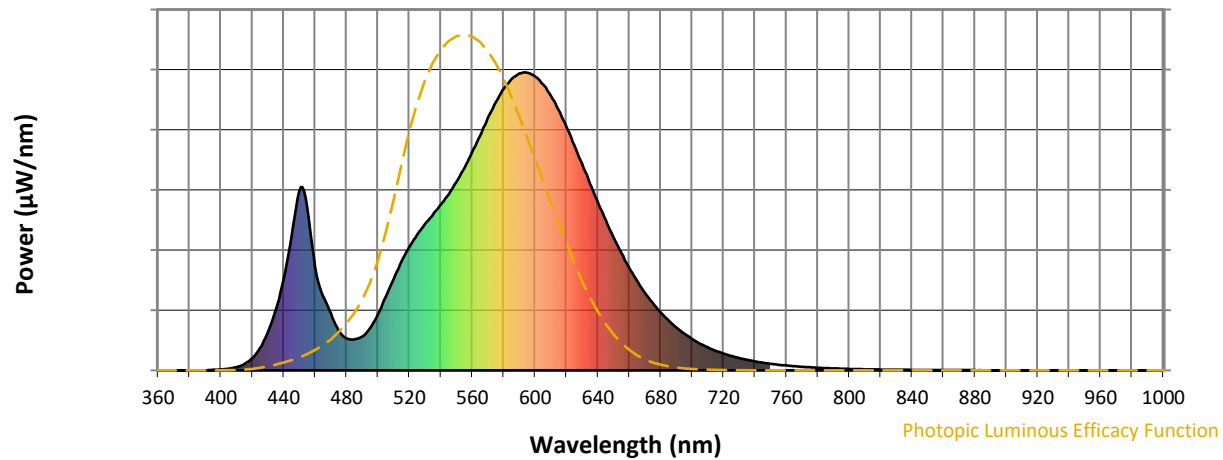
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

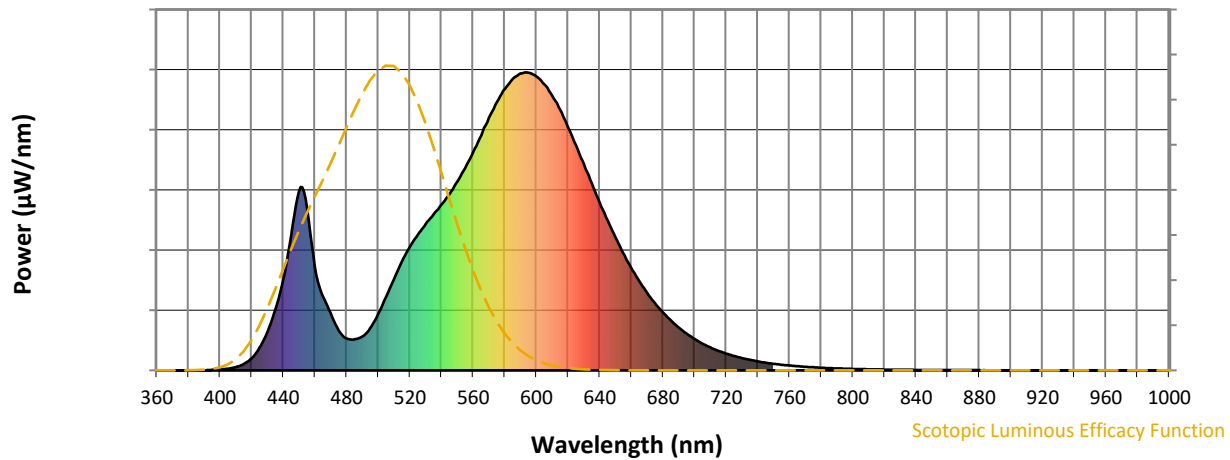


Photopic Lumens: NR

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



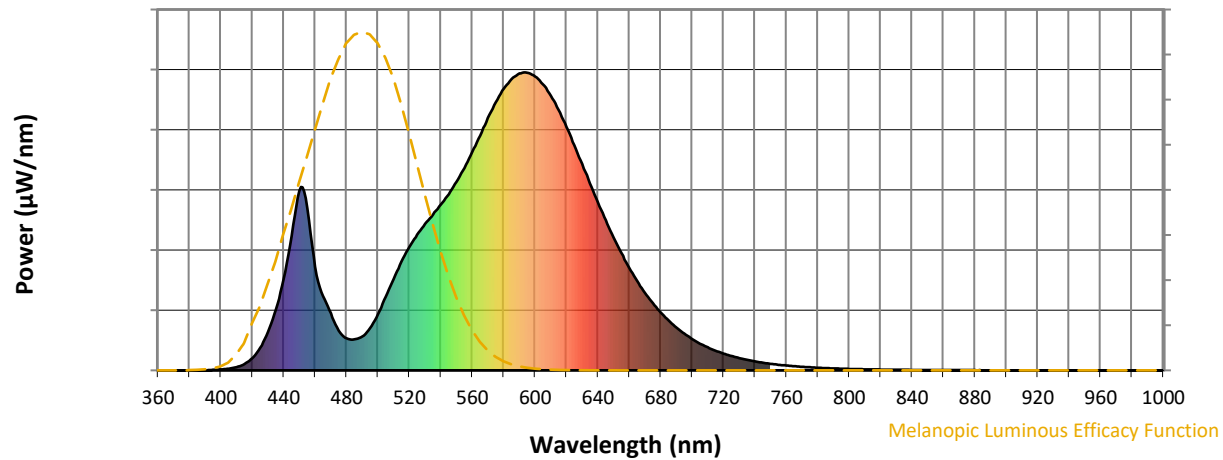
Scotopic Lumens: NR

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

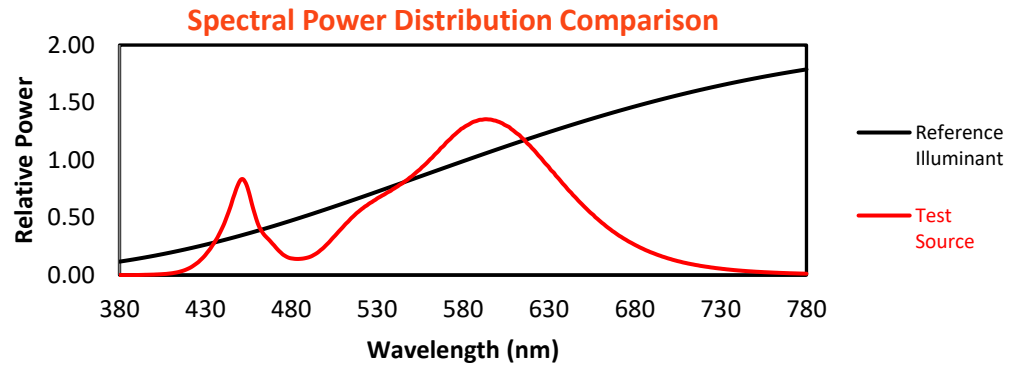
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	817	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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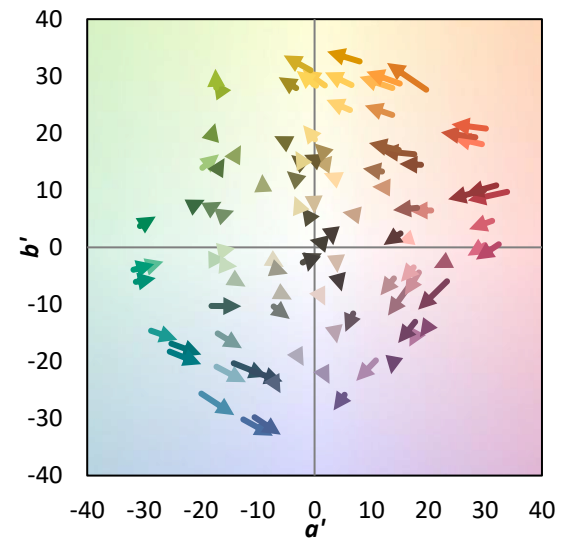
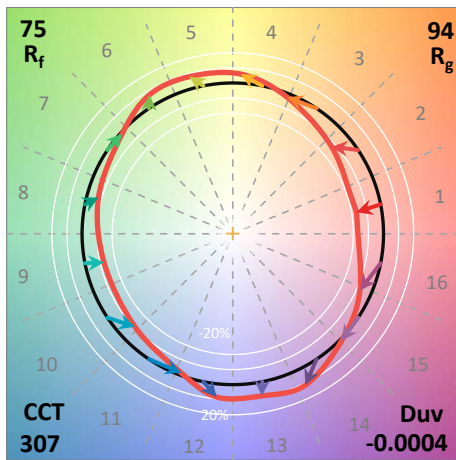
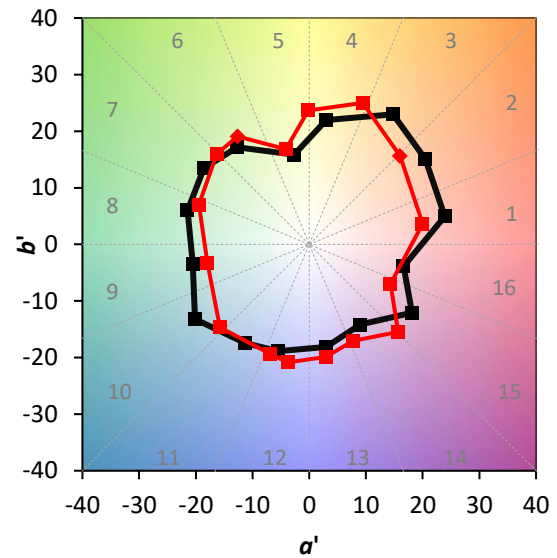
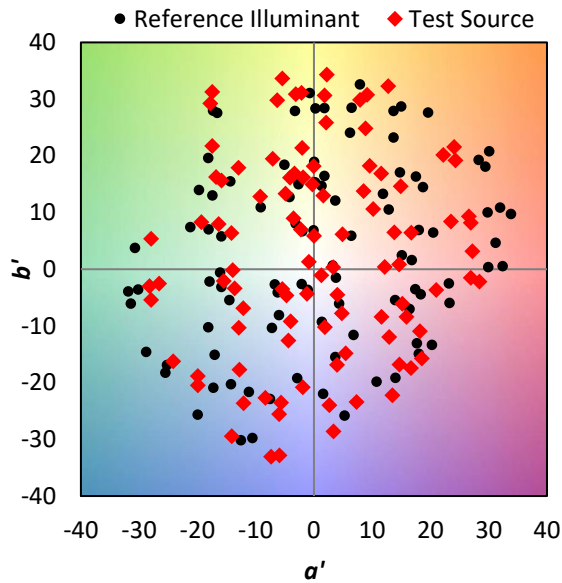
TM-30-18

Summary

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

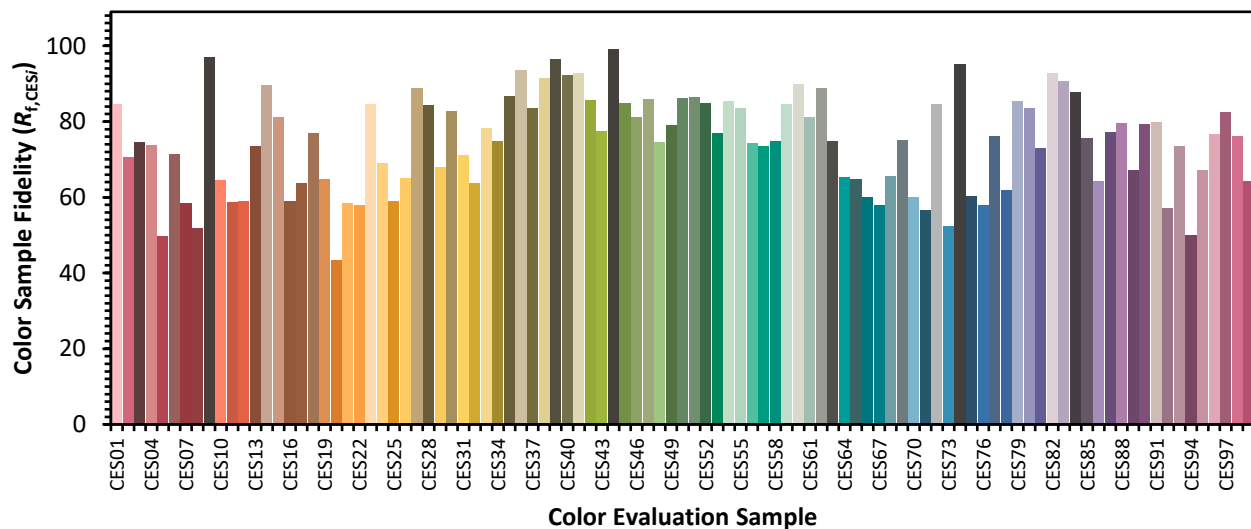


Color Vector Graphics

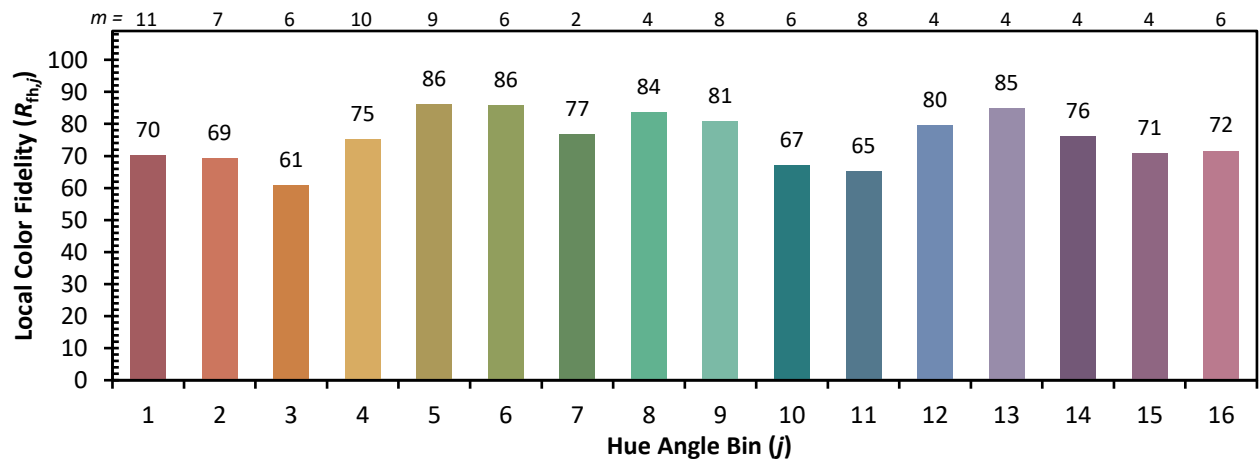
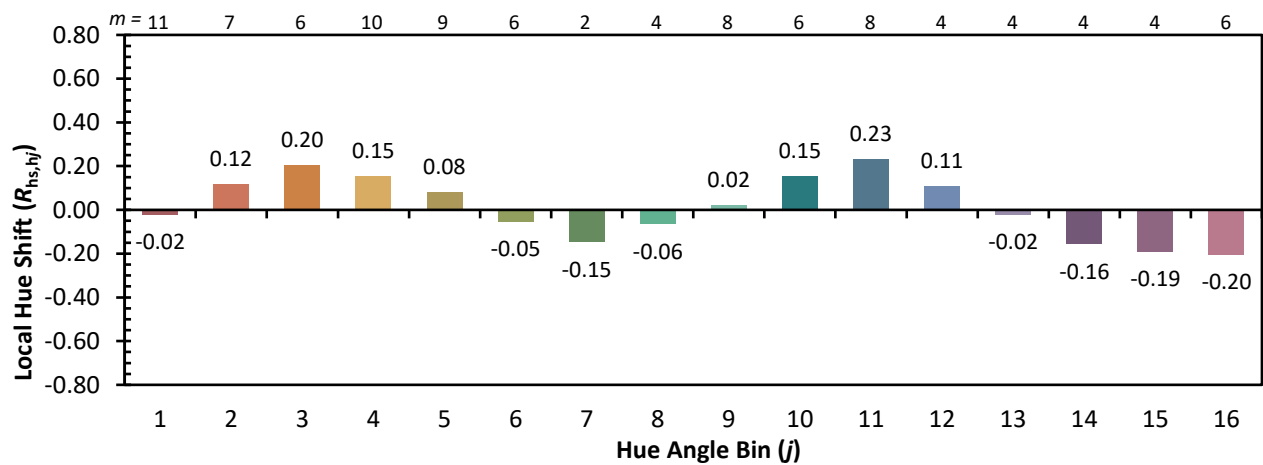
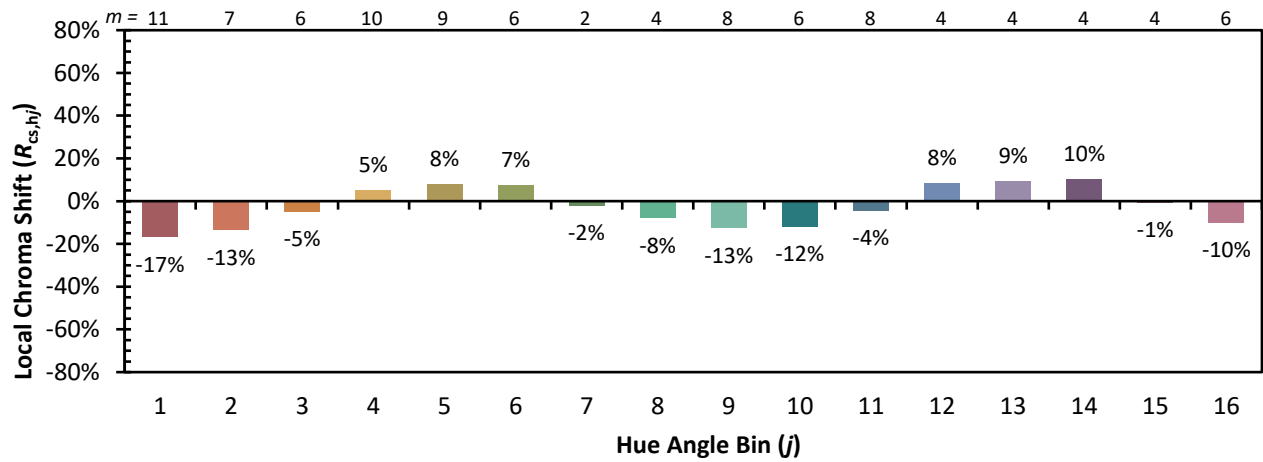


Individual Sample Fidelity Index ($R_{f,i}$)

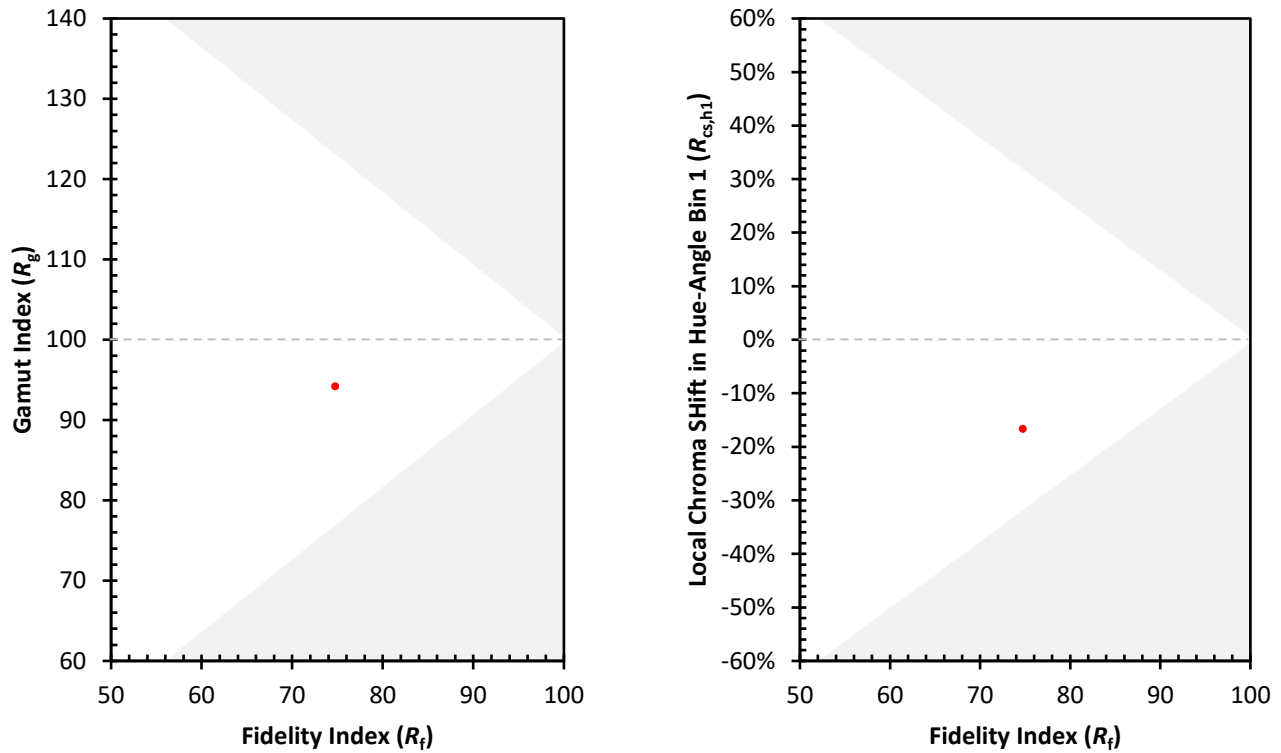
CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 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)