

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: P972307

Luminaire Tested: **GKO-PB2E-727-U-T2R**

Issue Date: 02/27/2025

Test Information

Test Method: LM-79-08
Report Number: P972307
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2E-727-U-T2R
Description: GEKKO WALL PACK 12000LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (20) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11934.2 lumens
Efficiency: N/A
Efficacy: 114.0 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B2 - U0 - G2

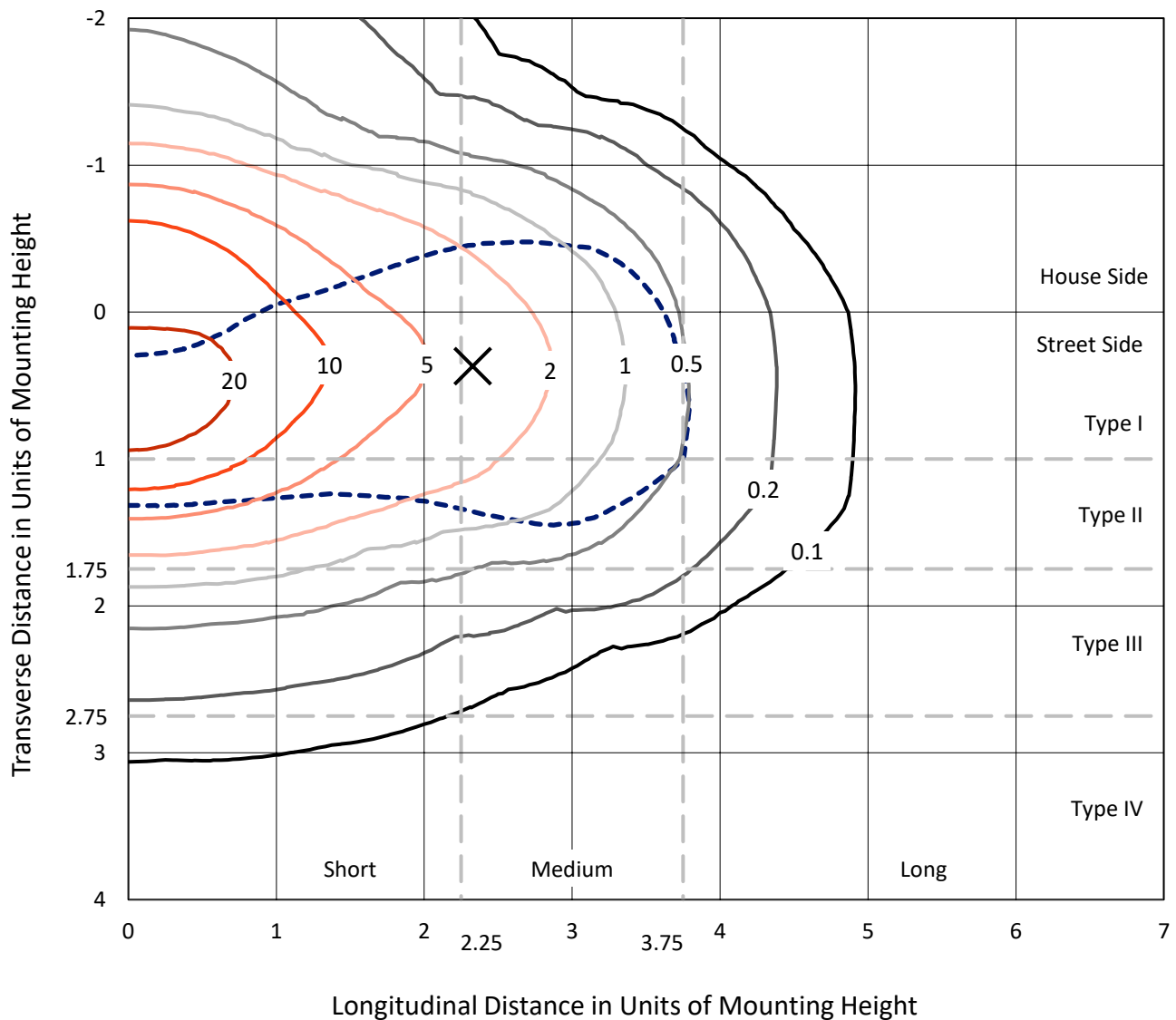
Input Watts (W): 104.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 6%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

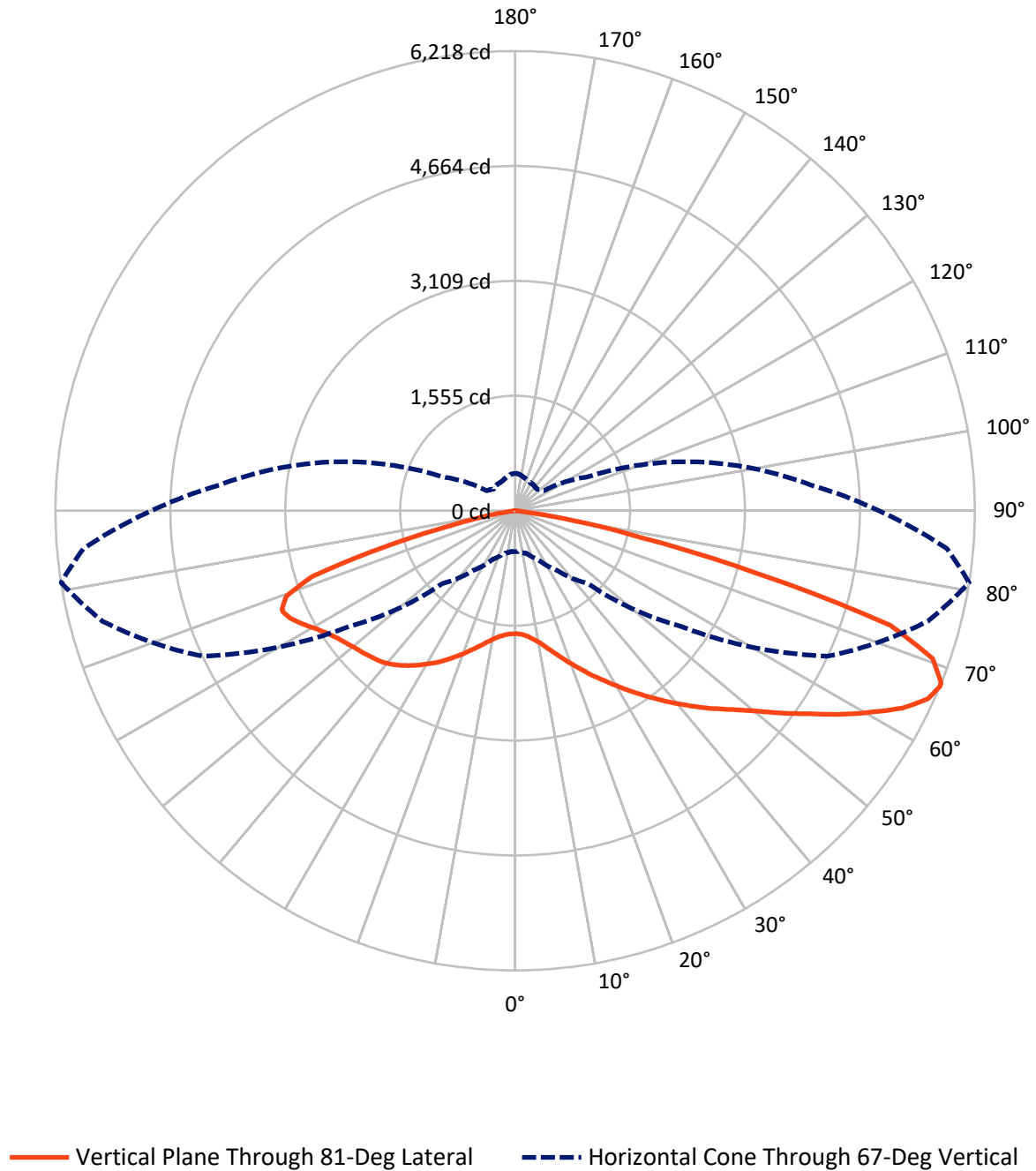


Based on 10 foot mounting height. Maximum calculated value = 32 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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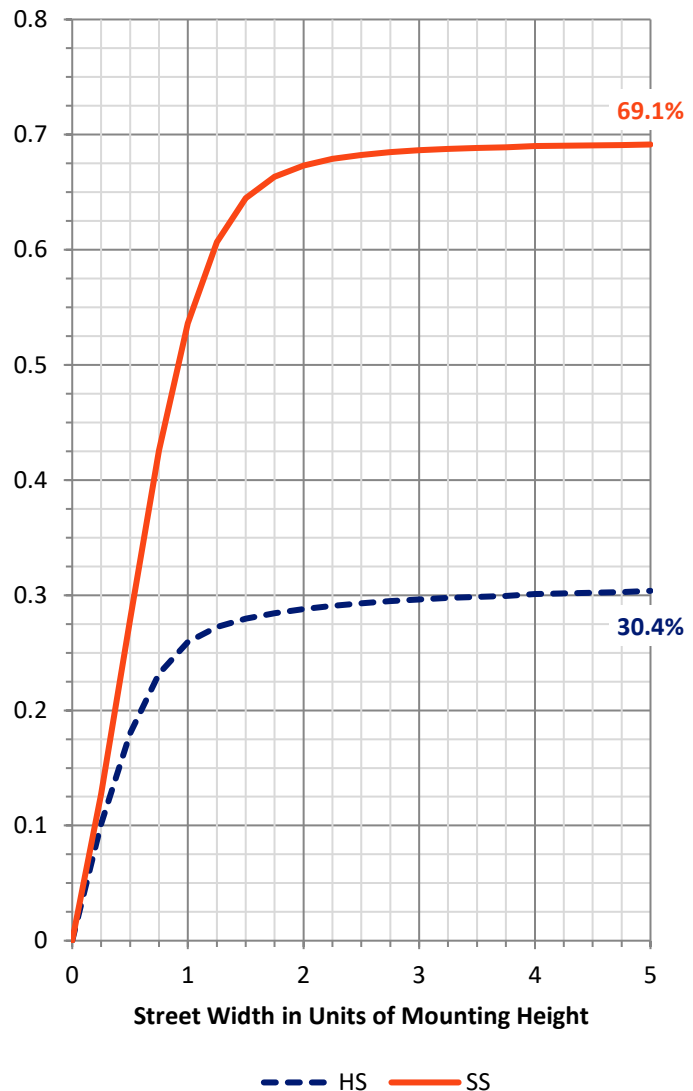
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3685.2	0.0	3685.2
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	8249.0	0.0	8249.0
	% Fixture	69.1	0.0	69.1
Total	Lumens	11934.2	0.0	11934.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.2	1.4
10°-20°	623.3	5.2
20°-30°	1262.7	10.6
30°-40°	1991.1	16.7
40°-50°	2445.2	20.5
50°-60°	2335.9	19.6
60°-70°	1958.9	16.4
70°-80°	1037.7	8.7
80°-90°	107.2	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°	11934.2	100.0
0°-180°	11934.2	100.0



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4
2.5°	1758.3	1762.9	1753.8	1751.5	1742.3	1728.6	1712.6	1701.2	1683.0	1673.8	1669.3
5°	1925.0	1915.9	1909.0	1897.6	1865.6	1838.2	1792.6	1760.6	1726.3	1703.5	1696.7
7.5°	2128.3	2132.8	2110.0	2080.3	2034.6	1979.8	1906.7	1847.4	1783.4	1753.8	1740.1
10°	2349.8	2368.0	2345.2	2308.6	2221.9	2139.7	2050.6	1947.9	1861.1	1815.4	1797.1
12.5°	2619.2	2630.6	2600.9	2553.0	2447.9	2324.6	2199.0	2071.2	1957.0	1899.9	1867.9
15°	2920.6	2911.5	2881.8	2811.0	2676.3	2539.3	2368.0	2201.3	2066.6	1995.8	1950.1
17.5°	3231.2	3219.8	3181.0	3089.6	2936.6	2765.4	2562.1	2352.0	2183.1	2105.4	2043.8
20°	3528.1	3516.6	3489.2	3386.5	3201.5	2991.4	2753.9	2525.6	2315.5	2219.6	2151.1
22.5°	3856.9	3847.7	3804.4	3678.8	3480.1	3249.5	2973.2	2701.4	2459.4	2345.2	2263.0
25°	4213.1	4215.4	4167.4	3991.6	3767.8	3498.4	3208.4	2900.1	2621.5	2477.6	2384.0
27.5°	4628.7	4626.4	4544.2	4354.7	4073.8	3763.3	3441.3	3107.9	2781.3	2612.4	2505.0
30°	5005.5	4996.4	4905.0	4715.5	4391.2	4041.8	3687.9	3308.8	2961.7	2760.8	2630.6
32.5°	5284.1	5286.4	5211.0	5003.2	4685.8	4313.6	3918.5	3534.9	3135.3	2920.6	2776.8
35°	5485.0	5487.3	5414.3	5236.1	4939.3	4567.1	4162.9	3747.3	3329.4	3085.0	2929.8
37.5°	5549.0	5549.0	5501.0	5361.7	5119.7	4795.4	4402.6	3989.3	3523.5	3263.2	3085.0
40°	5462.2	5469.1	5466.8	5375.4	5208.7	4953.0	4624.1	4222.2	3740.4	3439.0	3242.6
42.5°	5265.8	5270.4	5277.2	5243.0	5190.5	5037.5	4802.3	4459.7	3957.4	3630.8	3397.9
45°	4941.6	4959.8	4994.1	5007.8	5028.3	5016.9	4911.9	4681.2	4199.4	3822.6	3550.9
47.5°	4530.5	4560.2	4605.9	4688.1	4802.3	4893.6	4939.3	4852.5	4434.6	4021.3	3722.2
50°	3959.6	3991.6	4114.9	4286.2	4512.3	4690.4	4863.9	4980.4	4697.2	4263.4	3914.0
52.5°	3169.5	3238.0	3445.8	3774.7	4162.9	4427.8	4704.1	5042.0	4964.4	4548.8	4142.3
55°	2411.4	2436.5	2703.7	3098.8	3697.0	4144.6	4484.9	5010.1	5215.6	4847.9	4402.6
57.5°	1685.2	1712.6	1945.6	2377.2	3039.4	3774.7	4265.6	4902.7	5443.9	5199.6	4701.8
60°	1196.6	1226.3	1399.8	1719.5	2361.2	3235.8	4062.4	4765.7	5642.6	5533.0	5046.6
62.5°	870.0	886.0	977.4	1246.8	1705.8	2530.2	3772.4	4676.7	5781.9	5880.1	5400.5
65°	666.8	682.8	735.3	904.3	1260.5	1849.7	3251.7	4674.4	5818.4	6135.8	5706.5
67°	554.9	552.6	598.3	726.2	984.2	1390.7	2715.1	4656.1	5777.3	6218.1	5861.8
67.5°	525.2	534.3	570.9	678.2	929.4	1281.1	2598.7	4626.4	5763.6	6215.8	5873.2
70°	417.9	420.2	452.1	536.6	698.8	929.4	1870.2	4334.1	5555.8	5992.0	5745.4
72.5°	306.0	303.7	351.7	406.5	534.3	675.9	1253.7	3639.9	5106.0	5309.2	5108.3
75°	226.1	223.8	248.9	310.6	381.3	504.7	812.9	2374.9	3457.3	3377.3	3119.3
77.5°	150.7	155.3	178.1	228.4	271.7	312.8	406.5	1093.8	1904.5	1721.8	1657.8
80°	91.3	84.5	100.5	130.2	157.6	159.8	173.5	472.7	817.5	778.7	730.7
82.5°	32.0	32.0	38.8	52.5	52.5	52.5	63.9	114.2	162.1	148.4	141.6
85°	0.0	0.0	0.0	0.0	4.6	6.9	4.6	9.1	16.0	18.3	18.3
87.5°	0.0	0.0	0.0	0.0	0.0	2.3	2.3	4.6	6.9	9.1	9.1
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-PB2E-727-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4	1662.4
2.5°	1669.3	1669.3	1662.4	1653.3	1648.7	1646.4	1639.6	1630.4	1637.3	1644.1	1644.1
5°	1692.1	1687.5	1673.8	1664.7	1657.8	1657.8	1648.7	1646.4	1653.3	1660.1	1657.8
7.5°	1728.6	1719.5	1703.5	1689.8	1692.1	1694.4	1680.7	1680.7	1687.5	1694.4	1694.4
10°	1778.9	1762.9	1746.9	1735.5	1737.8	1740.1	1726.3	1721.8	1728.6	1735.5	1740.1
12.5°	1842.8	1822.3	1804.0	1792.6	1790.3	1792.6	1778.9	1774.3	1774.3	1778.9	1778.9
15°	1918.2	1895.3	1872.5	1856.5	1851.9	1849.7	1831.4	1815.4	1815.4	1817.7	1817.7
17.5°	2004.9	1973.0	1943.3	1925.0	1913.6	1897.6	1877.1	1854.2	1847.4	1849.7	1849.7
20°	2091.7	2057.5	2018.6	1993.5	1970.7	1943.3	1911.3	1881.6	1867.9	1867.9	1865.6
22.5°	2192.2	2146.5	2094.0	2059.7	2018.6	1973.0	1927.3	1888.5	1874.8	1870.2	1870.2
25°	2294.9	2242.4	2167.1	2114.5	2055.2	1989.0	1929.6	1877.1	1854.2	1845.1	1845.1
27.5°	2400.0	2338.3	2240.1	2164.8	2078.0	1986.7	1906.7	1840.5	1808.6	1797.1	1792.6
30°	2518.7	2429.7	2304.1	2201.3	2082.6	1966.1	1863.4	1785.7	1737.8	1710.4	1712.6
32.5°	2642.0	2530.2	2363.5	2224.2	2075.7	1927.3	1797.1	1698.9	1637.3	1612.2	1603.0
35°	2767.6	2626.1	2416.0	2235.6	2052.9	1867.9	1712.6	1603.0	1534.5	1498.0	1498.0
37.5°	2895.5	2726.5	2452.5	2233.3	2011.8	1790.3	1614.5	1498.0	1418.1	1372.4	1361.0
40°	3021.1	2820.2	2479.9	2215.0	1950.1	1696.7	1509.4	1383.8	1276.5	1217.1	1208.0
42.5°	3144.4	2897.8	2493.6	2185.3	1877.1	1593.9	1390.7	1221.7	1118.9	1064.1	1061.8
45°	3256.3	2959.5	2495.9	2146.5	1781.2	1477.4	1230.8	1068.7	965.9	908.8	908.8
47.5°	3365.9	3028.0	2493.6	2096.3	1676.1	1326.7	1061.8	904.3	810.7	774.1	762.7
50°	3498.4	3096.5	2491.3	2034.6	1541.4	1146.3	897.4	762.7	682.8	646.2	646.2
52.5°	3633.1	3176.4	2495.9	1947.9	1381.5	970.5	751.3	632.5	580.0	557.2	554.9
55°	3806.6	3260.9	2507.3	1845.1	1214.8	799.2	625.7	545.8	509.2	497.8	500.1
57.5°	4016.7	3377.3	2530.2	1724.1	1020.7	655.4	536.6	493.2	484.1	488.7	491.0
60°	4256.5	3521.2	2562.1	1587.1	849.5	545.8	484.1	475.0	484.1	502.4	504.7
62.5°	4535.1	3694.8	2603.2	1434.1	680.5	479.5	461.3	468.1	475.0	504.7	506.9
65°	4781.7	3882.0	2612.4	1253.7	552.6	436.2	447.6	452.1	470.4	504.7	506.9
67°	4921.0	4009.9	2550.7	1082.4	472.7	413.3	429.3	433.9	465.8	500.1	504.7
67.5°	4937.0	4037.3	2509.6	1039.0	456.7	408.8	424.7	433.9	465.8	500.1	502.4
70°	4889.0	4019.0	2235.6	783.3	376.8	376.8	395.1	415.6	447.6	484.1	500.1
72.5°	4462.0	3665.1	1730.9	532.1	319.7	340.2	367.6	397.3	427.0	470.4	497.8
75°	2820.2	2358.9	1059.6	356.2	267.2	303.7	347.1	381.3	406.5	438.4	456.7
77.5°	1507.1	1166.9	456.7	210.1	210.1	269.5	322.0	353.9	367.6	379.1	390.5
80°	712.5	543.5	221.5	125.6	146.1	210.1	285.4	319.7	324.3	338.0	342.5
82.5°	141.6	123.3	73.1	66.2	95.9	150.7	237.5	276.3	278.6	301.4	306.0
85°	18.3	16.0	11.4	25.1	61.7	111.9	182.7	237.5	242.1	242.1	237.5
87.5°	9.1	6.9	6.9	18.3	45.7	84.5	150.7	198.7	201.0	157.6	153.0
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: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

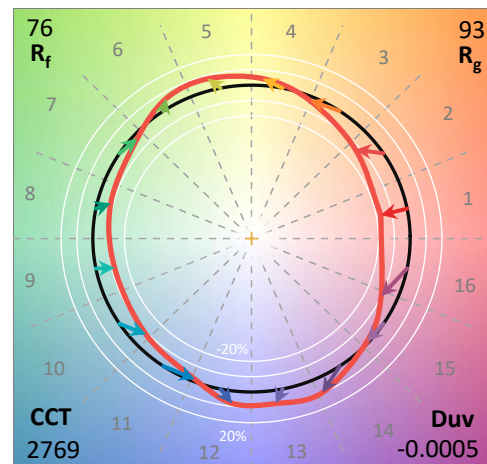
Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-3
 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-727-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 2769
 CIE u' : 0.2596
 CIE v' : 0.5253
 Duv: -0.0005
 CIE x: 0.4535
 CIE y: 0.4078
 CIE z: 0.1387
 Peak Wavelength (nm): 597
 Dominant Wavelength (nm): 584
 Purity: 58.54014
 R_f: 75.7
 R_g: 93.2

CRI (Ra): 71.7
 R1: 68.0
 R2: 84.0
 R3: 94.6
 R4: 65.9
 R5: 67.3
 R6: 78.7
 R7: 75.2
 R8: 39.8
 R9: -34.5
 R10: 64.3
 R11: 60.9
 R12: 54.4
 R13: 71.2
 R14: 97.6
 R15: 59.5



Test Conditions

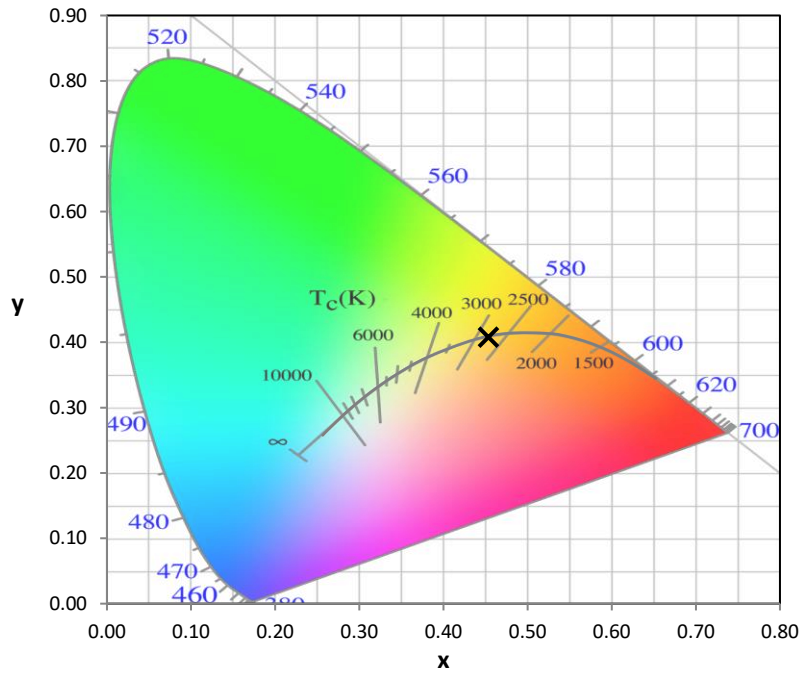
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.0

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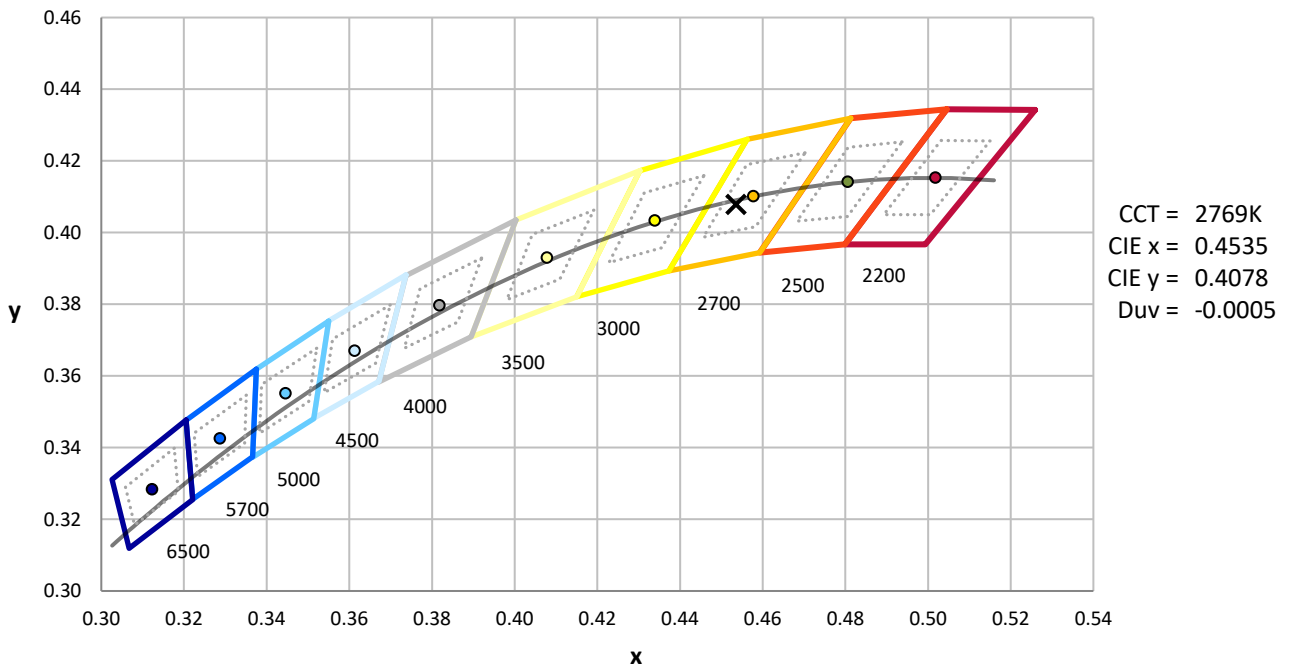
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



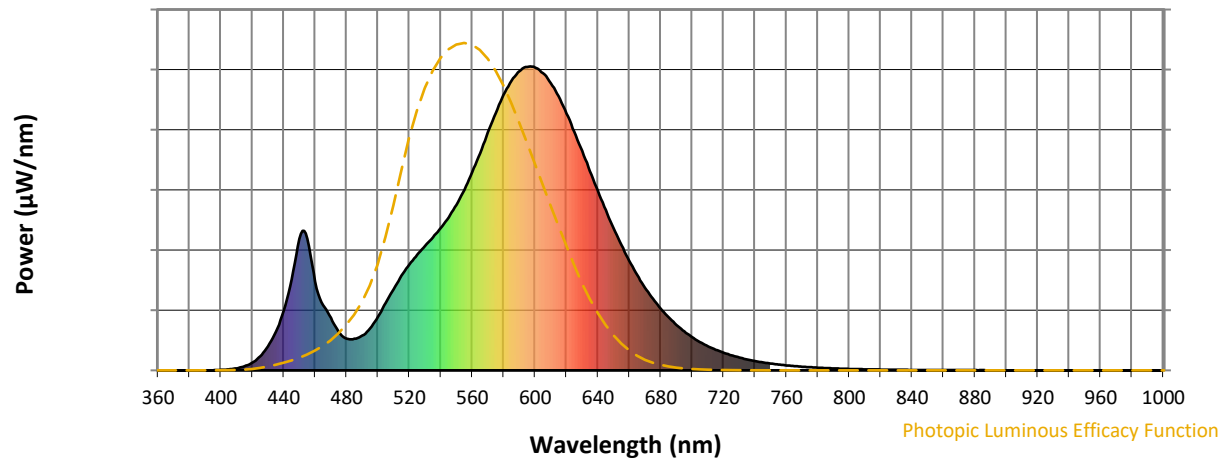
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

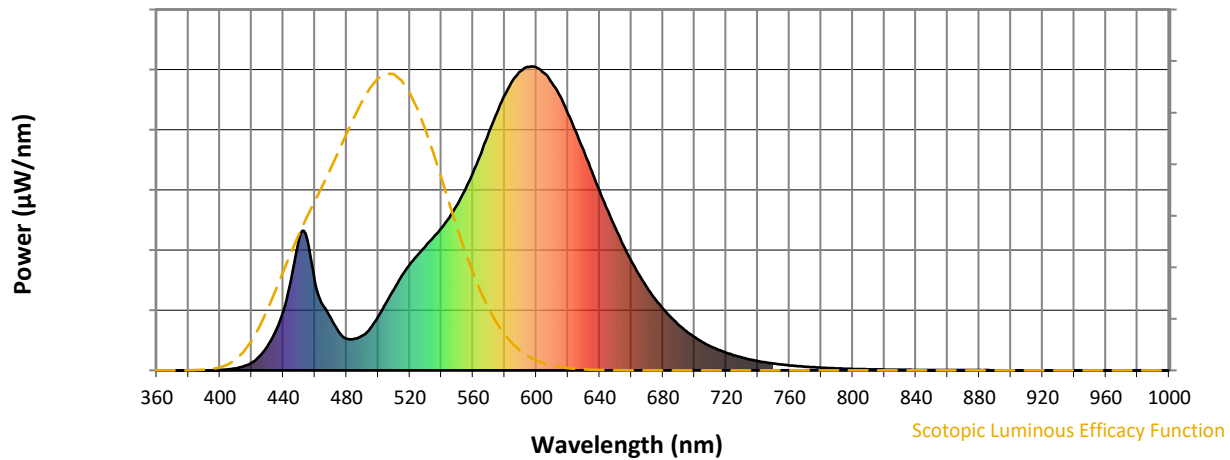


Photopic Lumens: NR

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



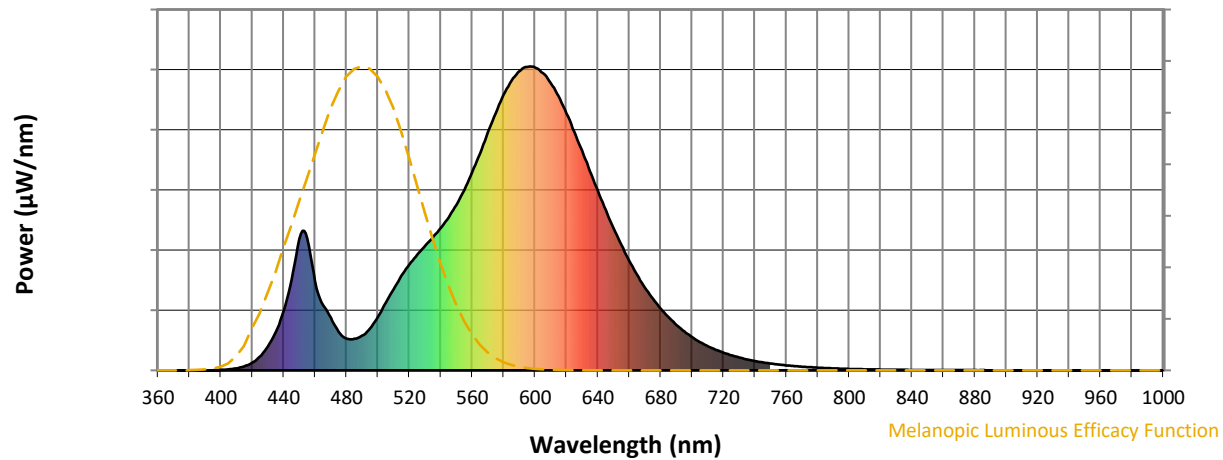
Scotopic Lumens: NR

S/P: 1.14

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.08

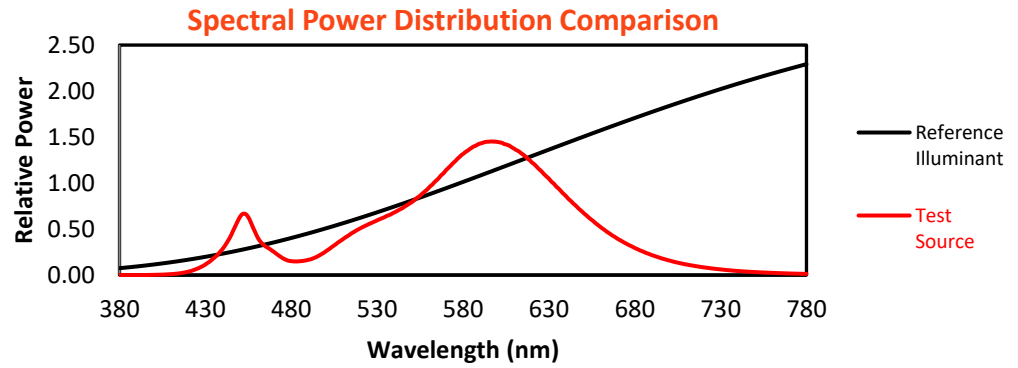
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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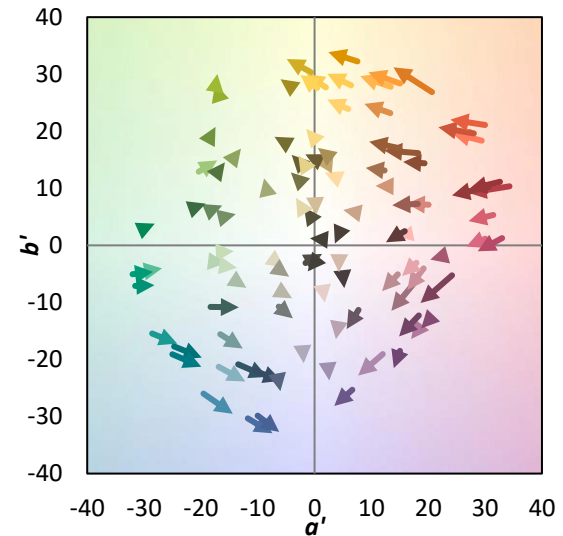
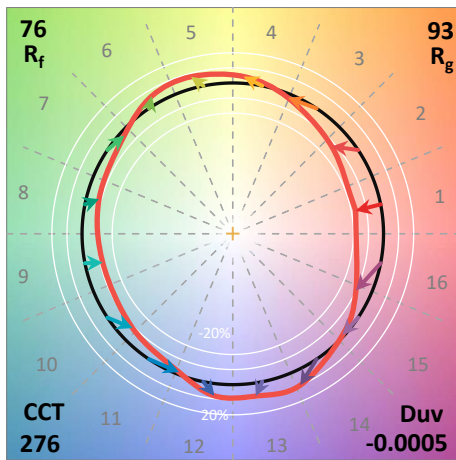
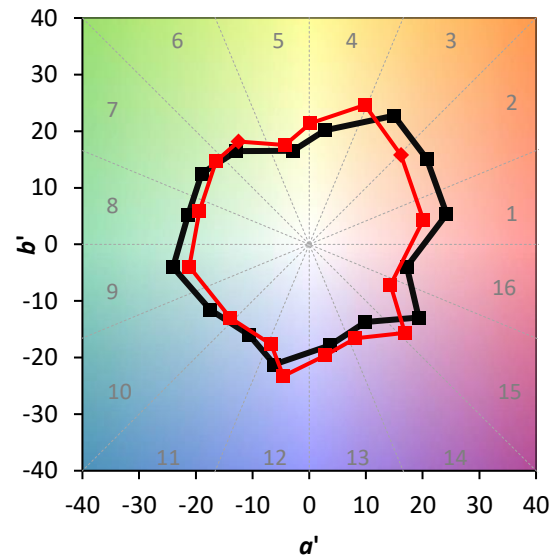
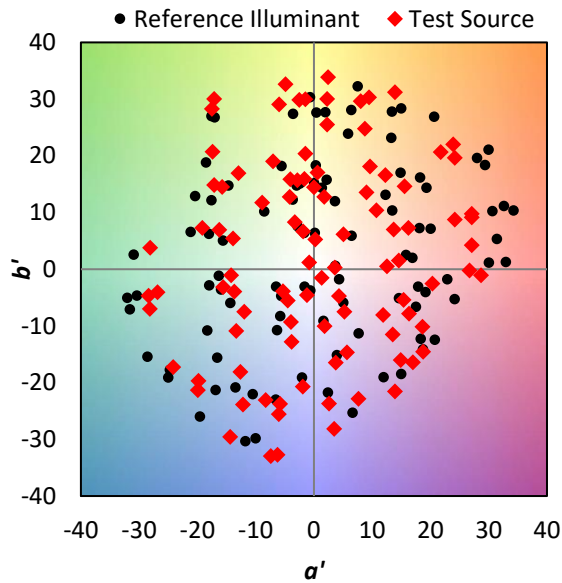
TM-30-18

Summary

$R_f = 75.7$
 $R_g = 93.2$
 $CIE R_a = 71.7$
 $R_g = -34.5$

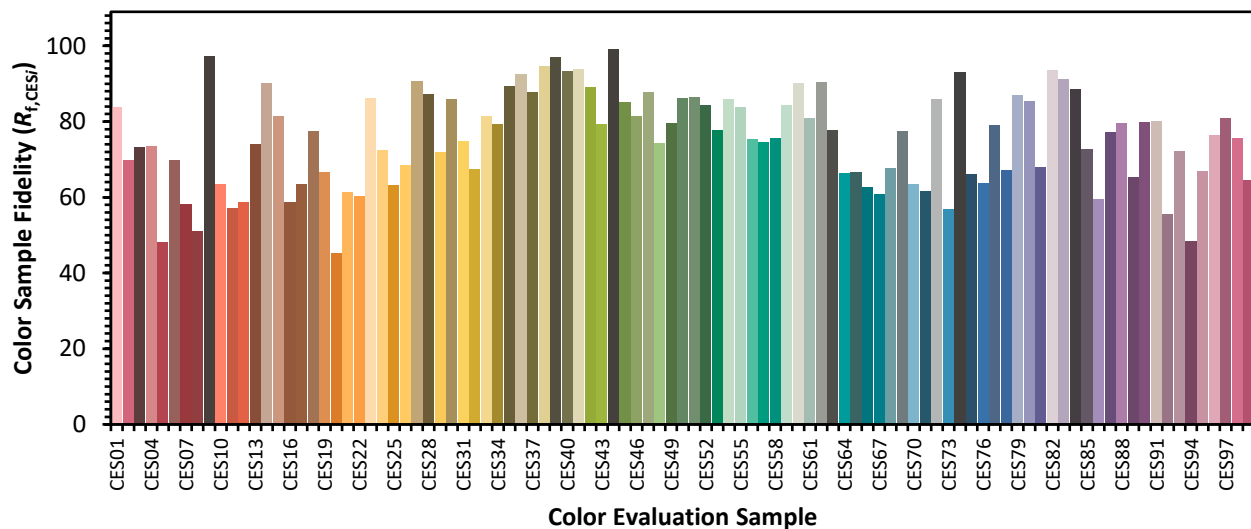


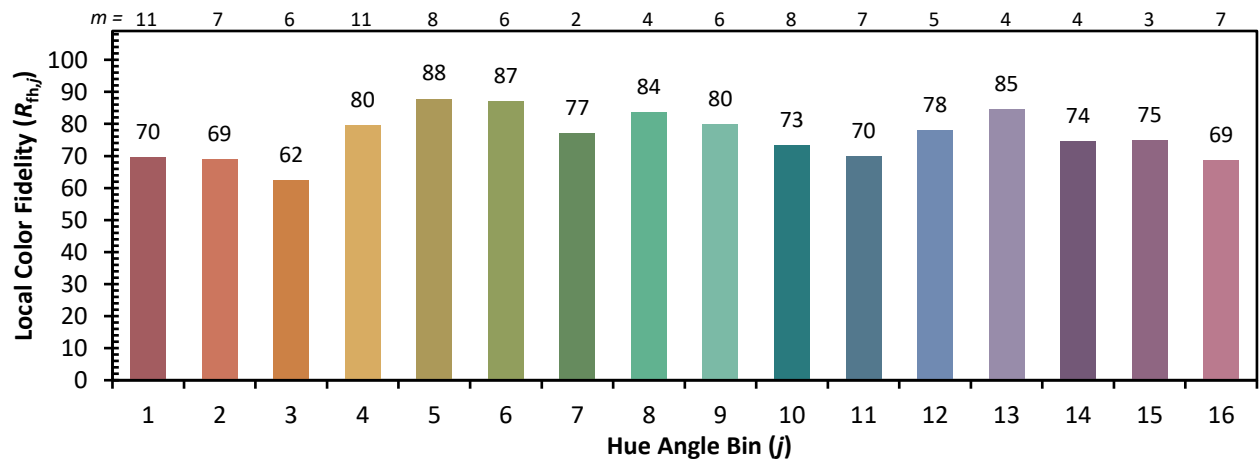
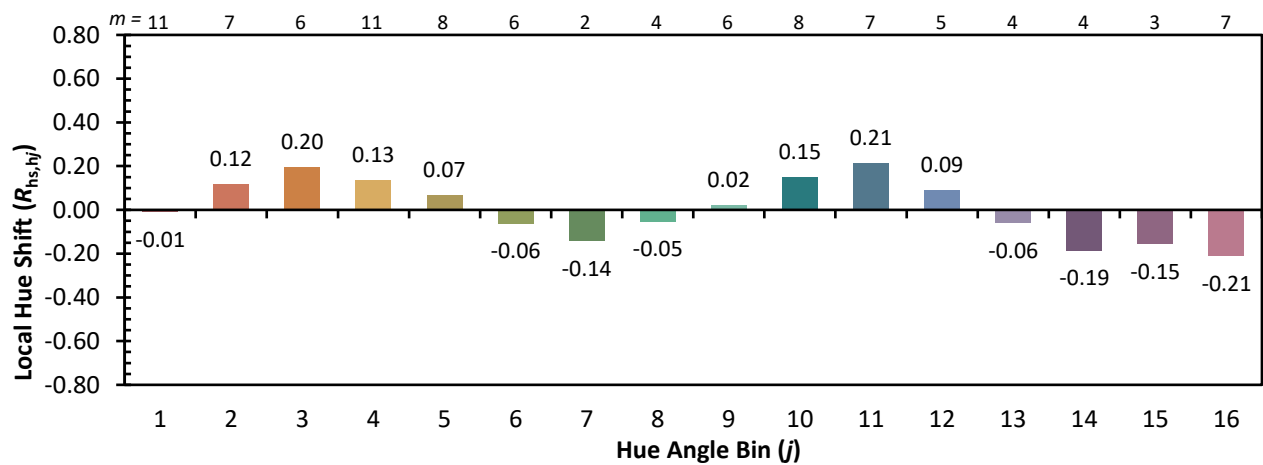
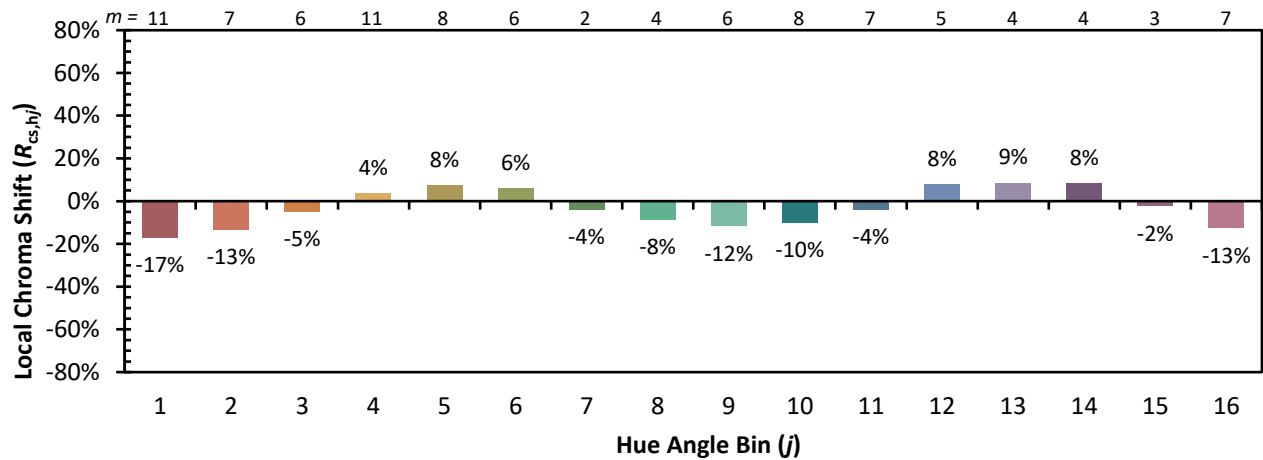
Color Vector Graphics



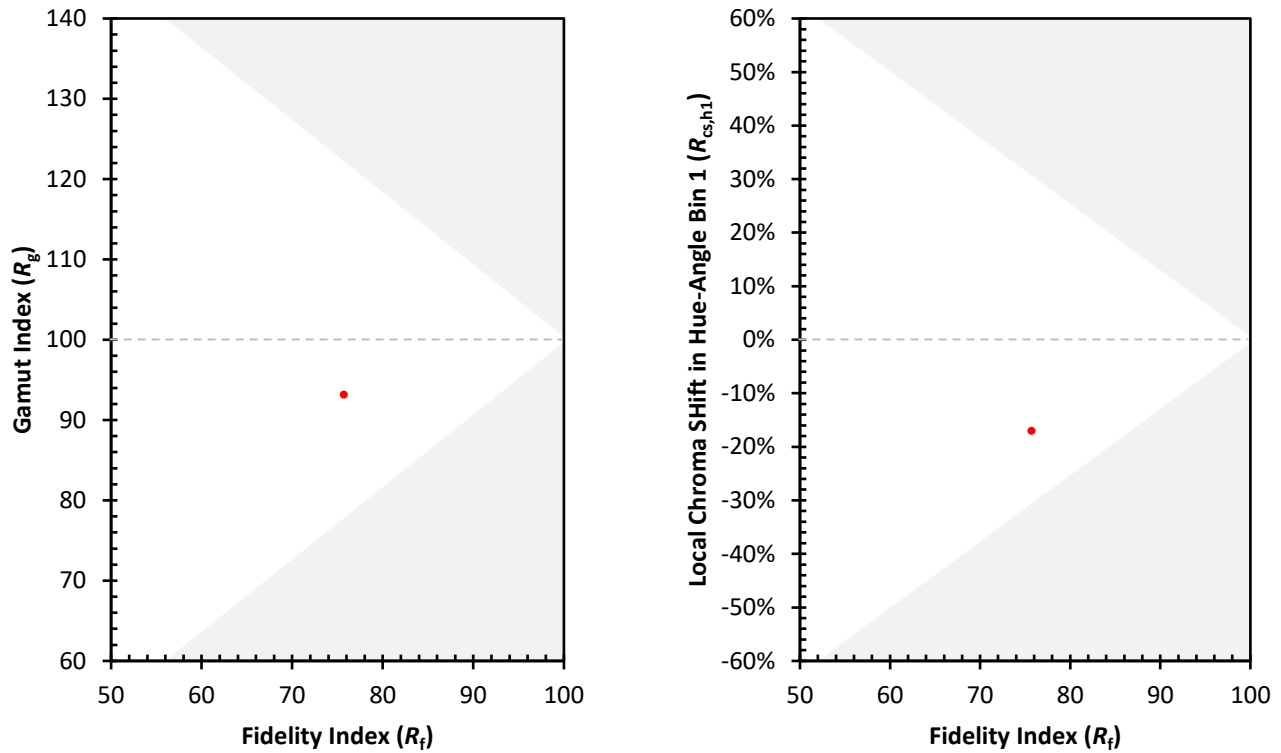
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)