

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: P1211837

Luminaire Tested: **GKO-PB2E-827-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211837
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2E-827-U-T3
Description: GEKKO WALL PACK 12000LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (20) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

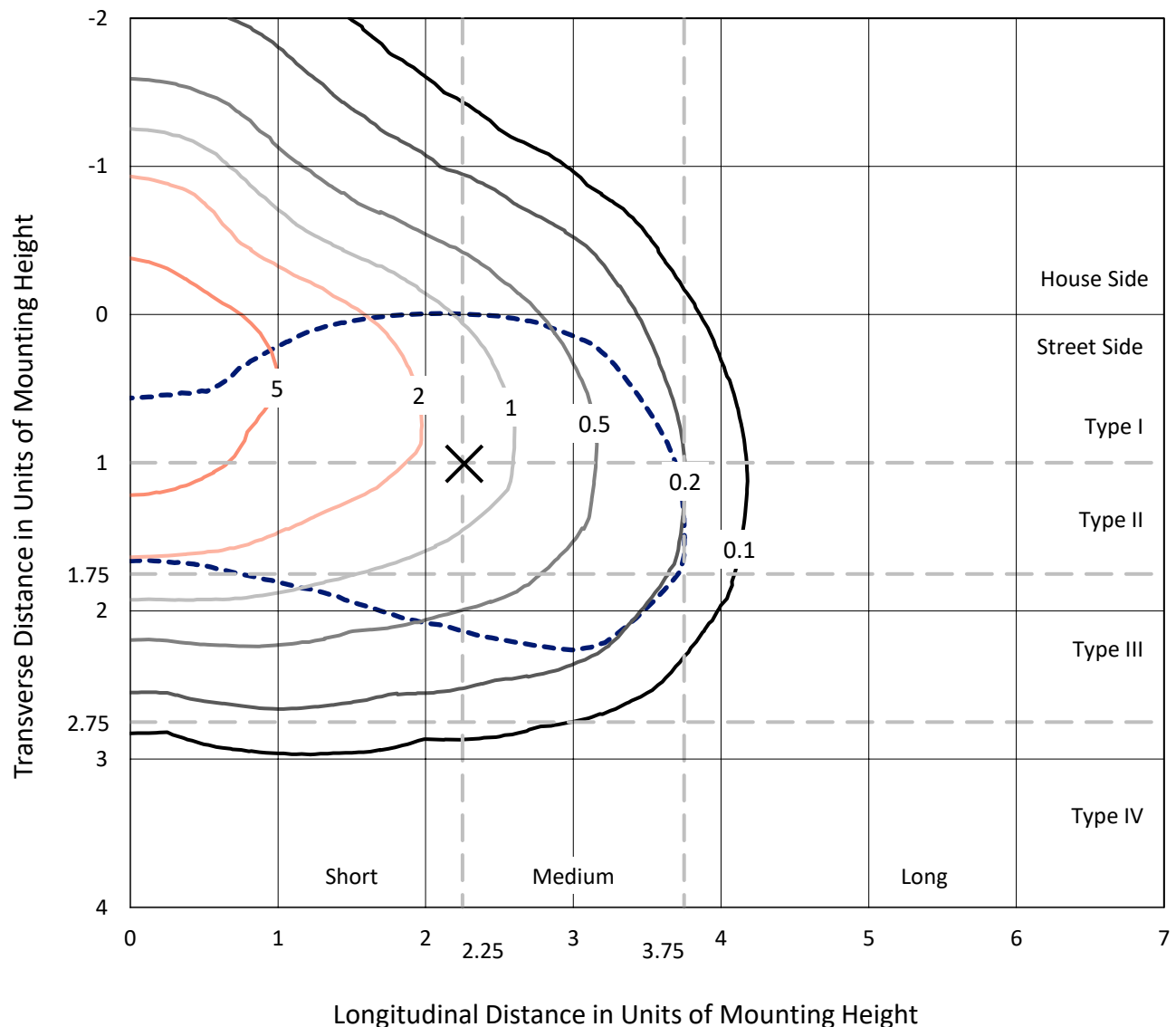
Lumens per Lamp: N/A
Luminaire Lumens: 10842.8 lumens
Efficiency: N/A
Efficacy: 103.6 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G2

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

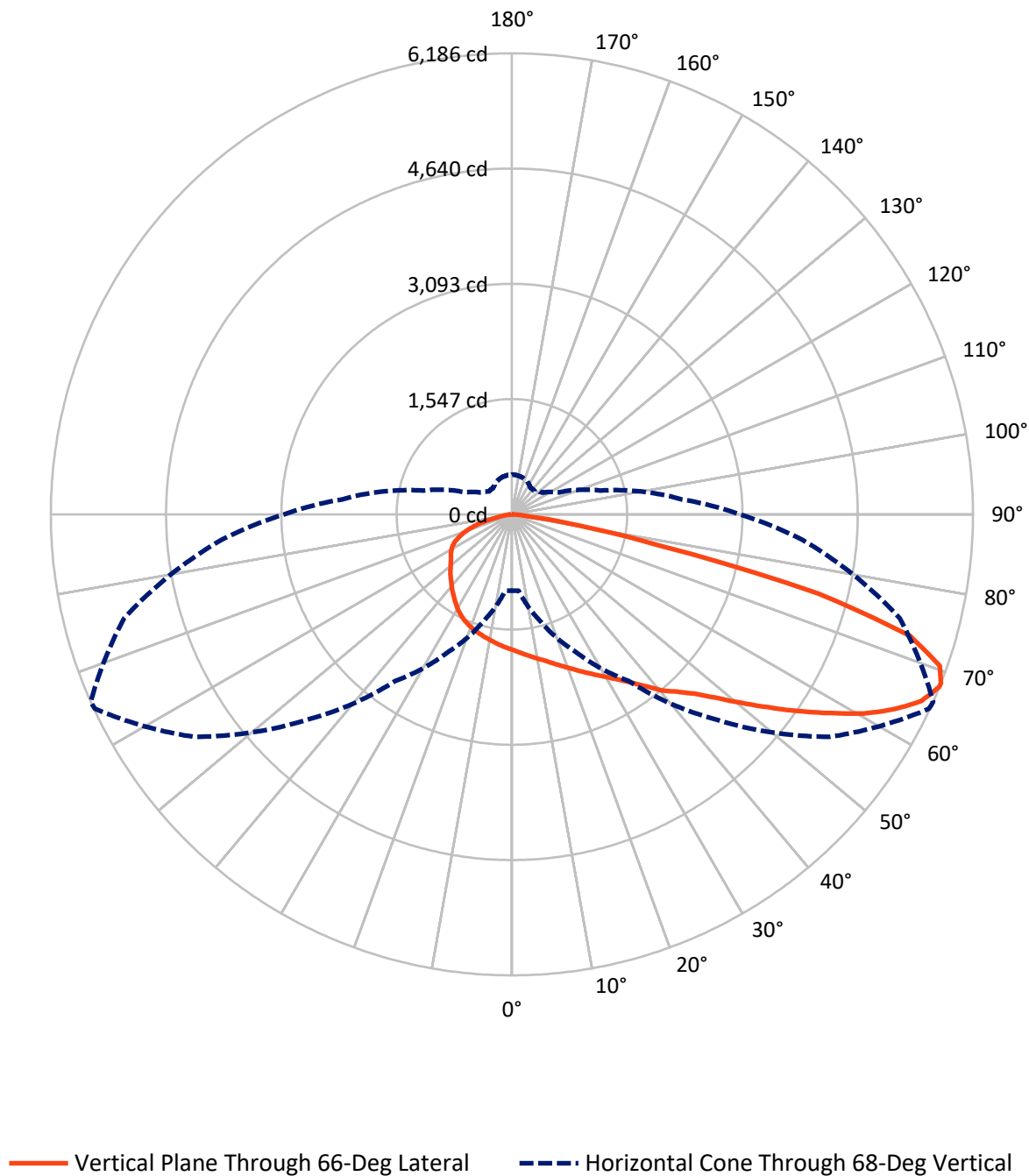
× Max cd
 --- 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 9.3 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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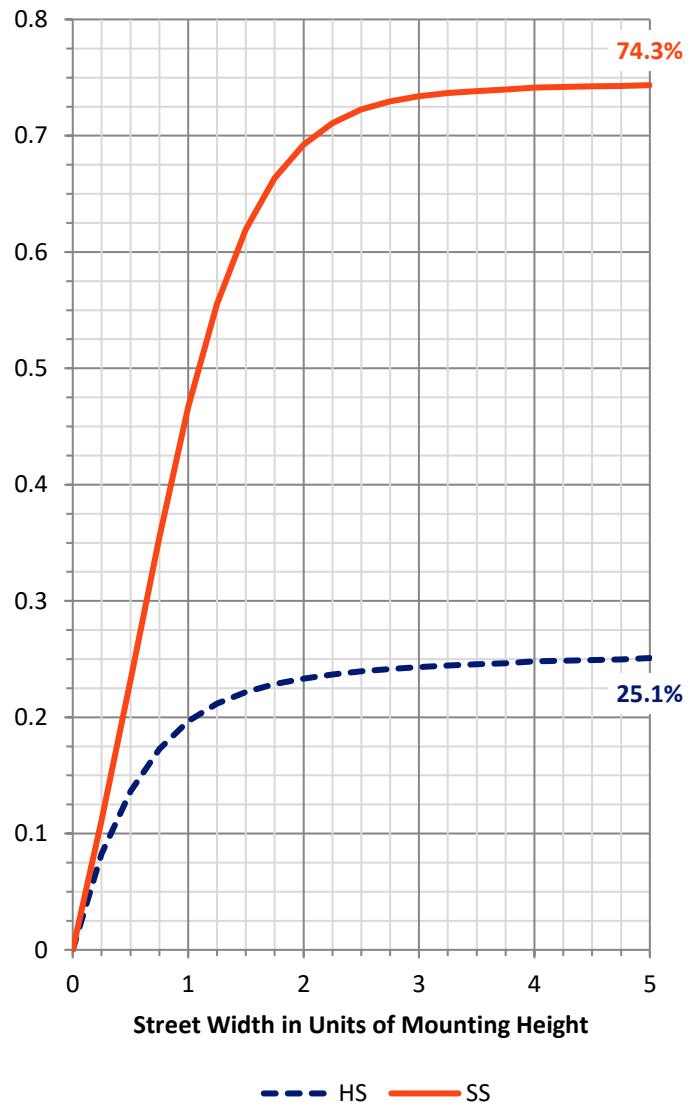
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2775.9	0.0	2775.9
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	8066.9	0.0	8066.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	10842.8	0.0	10842.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.4	1.6
10°-20°	524.4	4.8
20°-30°	903.7	8.3
30°-40°	1401.8	12.9
40°-50°	1920.4	17.7
50°-60°	2290.8	21.1
60°-70°	2295.4	21.2
70°-80°	1214.7	11.2
80°-90°	117.2	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°	10842.8	100.0
0°-180°	10842.8	100.0



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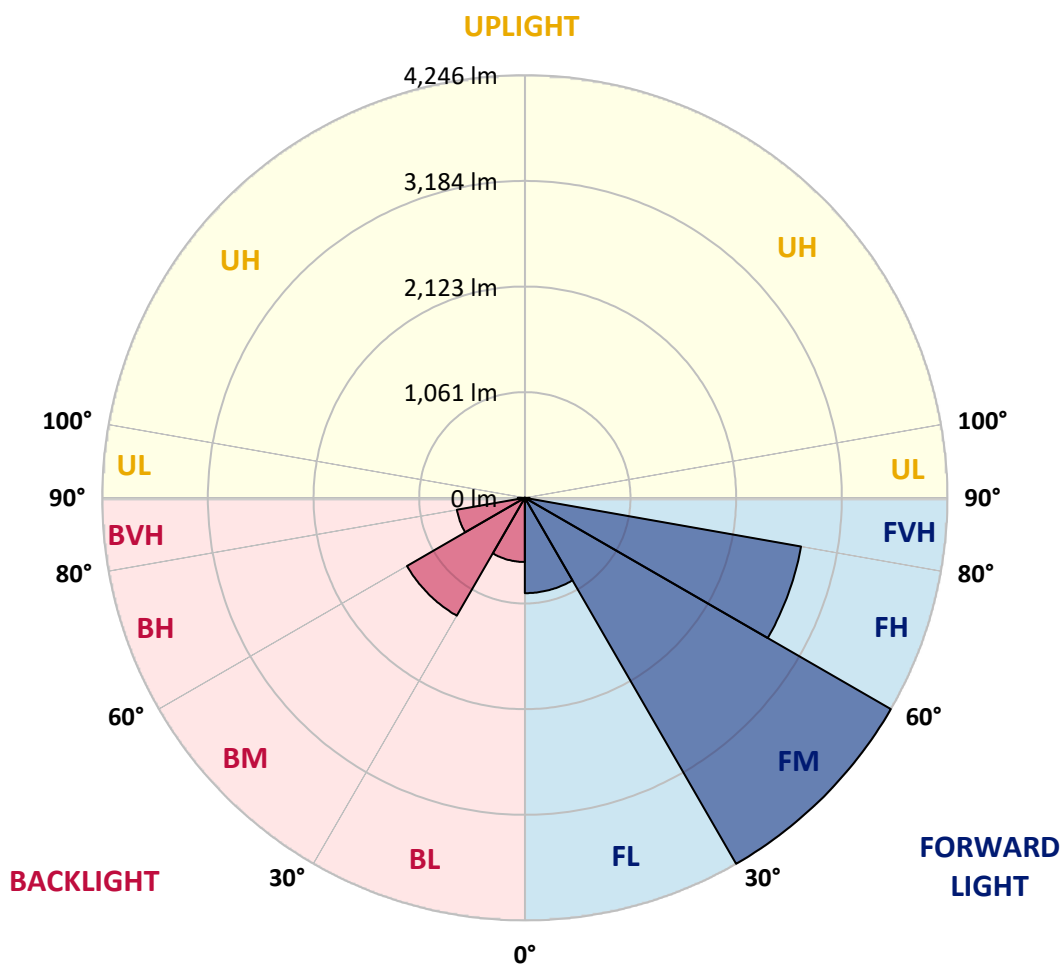
CATALOG NUMBER: GKO-PB2E-827-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	957.7	8.8			
FM	(30°-60°)	4245.5	39.2			
FH	(60°-80°)	2817.6	26.0			G2/5000
FVH	(80°-90°)	46.1	0.4			G1/100
BL	(0°-30°)	644.8	5.9	B2/1000		
BM	(30°-60°)	1367.4	12.6	B2/2500		
BH	(60°-80°)	692.6	6.4	B2/1000		G2/1000
BVH	(80°-90°)	71.2	0.7			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6
2.5°	1894.4	1894.4	1890.1	1888.0	1885.9	1873.3	1864.9	1854.4	1854.4	1837.5	1822.8
5°	1959.6	1961.7	1953.3	1953.3	1944.9	1928.0	1911.2	1890.1	1890.1	1864.9	1835.4
7.5°	2016.4	2022.8	2014.3	2014.3	2005.9	1987.0	1959.6	1930.1	1930.1	1894.4	1852.3
10°	2071.2	2075.4	2071.2	2075.4	2062.7	2045.9	2014.3	1974.3	1972.2	1928.0	1869.1
12.5°	2115.4	2119.6	2121.7	2128.0	2117.5	2104.8	2075.4	2024.9	2018.5	1965.9	1890.1
15°	2157.5	2161.7	2168.0	2176.4	2174.3	2163.8	2136.4	2079.6	2075.4	2008.0	1917.5
17.5°	2191.1	2193.2	2205.9	2222.7	2226.9	2229.0	2199.6	2140.6	2136.4	2056.4	1947.0
20°	2239.6	2243.8	2256.4	2273.2	2285.9	2294.3	2271.1	2205.9	2201.7	2113.3	1984.9
22.5°	2349.0	2342.7	2349.0	2349.0	2355.3	2367.9	2351.1	2285.9	2277.4	2180.6	2031.2
25°	2555.3	2549.0	2532.1	2494.2	2452.1	2450.0	2431.1	2367.9	2357.4	2250.1	2075.4
27.5°	2843.6	2828.9	2797.3	2717.4	2616.3	2551.1	2521.6	2456.4	2443.7	2319.5	2117.5
30°	3148.8	3165.7	3113.1	3003.6	2818.4	2679.5	2622.6	2549.0	2538.4	2397.4	2168.0
32.5°	3504.6	3506.7	3454.0	3302.5	3062.5	2841.5	2744.7	2654.2	2645.8	2487.9	2235.3
35°	3710.8	3719.3	3696.1	3555.1	3281.4	3020.4	2892.1	2782.6	2776.3	2601.6	2319.5
37.5°	3925.5	3944.5	3908.7	3752.9	3447.7	3186.7	3056.2	2936.3	2929.9	2732.1	2424.8
40°	4243.4	4234.9	4197.1	3967.6	3603.5	3325.7	3218.3	3123.6	3108.9	2892.1	2532.1
42.5°	4472.8	4493.8	4411.8	4152.9	3774.0	3464.6	3380.4	3273.0	3254.1	2988.9	2595.3
45°	4550.7	4531.7	4441.2	4251.8	3997.1	3590.9	3534.0	3451.9	3433.0	3159.4	2719.5
47.5°	4567.5	4533.8	4453.8	4310.7	4186.5	3755.0	3721.4	3702.4	3675.1	3374.1	2868.9
50°	4464.4	4441.2	4403.3	4331.8	4308.6	3908.7	3925.5	3995.0	3971.8	3605.6	3035.2
52.5°	4230.7	4220.2	4253.9	4300.2	4239.2	4041.3	4167.6	4308.6	4300.2	3860.3	3214.1
55°	3790.8	3790.8	3980.3	4142.3	4178.1	4127.6	4428.6	4670.6	4660.1	4146.5	3384.6
57.5°	3388.8	3395.1	3553.0	3917.1	4068.7	4220.2	4719.1	5049.5	5032.7	4468.6	3563.5
60°	2881.5	2881.5	3121.5	3578.2	3910.8	4291.8	4975.8	5415.8	5426.3	4780.1	3740.3
62.5°	2281.6	2288.0	2620.5	3157.3	3683.5	4304.4	5180.0	5761.0	5758.9	5062.1	3877.1
65°	1681.8	1683.9	2136.4	2690.0	3342.5	4216.0	5291.6	6026.2	6038.8	5285.3	3957.1
67.5°	1092.4	1113.5	1572.3	2182.7	2860.5	3965.5	5232.6	6167.2	6181.9	5388.4	3931.8
68°	1023.0	1027.2	1488.1	2043.8	2730.0	3902.4	5205.3	6173.5	6186.1	5386.3	3906.6
70°	663.0	663.0	1065.1	1595.5	2178.5	3508.8	4967.4	6074.6	6089.3	5293.7	3723.5
72.5°	357.8	364.1	608.3	966.1	1488.1	2715.2	4483.3	5558.9	5584.1	4786.4	3256.2
75°	250.5	254.7	353.6	540.9	810.4	1768.1	3504.6	4247.6	4243.4	3306.7	2039.6
77.5°	181.0	181.0	202.1	336.8	425.2	808.3	1734.4	2045.9	2022.8	1614.4	1029.3
80°	117.9	117.9	126.3	176.8	204.2	246.3	530.4	886.1	903.0	787.2	513.6
82.5°	48.4	50.5	54.7	71.6	73.7	103.1	151.5	254.7	246.3	200.0	145.2
85°	6.3	6.3	8.4	10.5	12.6	23.2	21.0	21.0	21.0	25.3	23.2
87.5°	0.0	0.0	0.0	0.0	0.0	2.1	4.2	6.3	6.3	8.4	6.3
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°	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6	1818.6
2.5°	1818.6	1818.6	1806.0	1793.3	1780.7	1770.2	1755.4	1744.9	1747.0	1753.3	1751.2
5°	1829.1	1818.6	1793.3	1766.0	1744.9	1726.0	1698.6	1683.9	1681.8	1686.0	1683.9
7.5°	1835.4	1818.6	1780.7	1738.6	1704.9	1679.7	1641.8	1627.0	1620.7	1622.8	1622.8
10°	1848.1	1820.7	1768.1	1709.1	1667.0	1631.3	1591.3	1570.2	1563.9	1563.9	1561.8
12.5°	1862.8	1824.9	1755.4	1683.9	1629.1	1587.1	1540.7	1517.6	1511.3	1511.3	1509.2
15°	1877.5	1831.2	1742.8	1656.5	1593.4	1542.8	1498.6	1471.3	1462.9	1462.9	1467.1
17.5°	1896.5	1837.5	1730.2	1631.3	1555.5	1498.6	1452.3	1425.0	1414.5	1420.8	1425.0
20°	1915.4	1850.2	1717.6	1603.9	1517.6	1458.7	1412.3	1385.0	1374.5	1385.0	1387.1
22.5°	1942.8	1860.7	1702.8	1572.3	1479.7	1414.5	1372.4	1347.1	1340.8	1351.3	1359.7
25°	1970.1	1873.3	1683.9	1538.6	1431.3	1368.1	1334.5	1315.5	1317.6	1332.4	1340.8
27.5°	1999.6	1883.8	1664.9	1496.5	1378.7	1319.7	1294.5	1290.3	1298.7	1315.5	1326.1
30°	2035.4	1898.6	1639.7	1448.1	1319.7	1267.1	1256.6	1269.2	1284.0	1300.8	1311.3
32.5°	2081.7	1917.5	1614.4	1393.4	1258.7	1210.3	1227.1	1254.5	1271.3	1288.2	1298.7
35°	2146.9	1955.4	1599.7	1338.7	1193.4	1161.9	1199.8	1244.0	1256.6	1267.1	1279.7
37.5°	2222.7	2005.9	1593.4	1288.2	1134.5	1119.8	1172.4	1225.0	1229.2	1233.4	1246.1
40°	2296.4	2043.8	1576.5	1233.4	1073.5	1073.5	1138.7	1189.2	1187.1	1180.8	1189.2
42.5°	2325.9	2039.6	1528.1	1180.8	1025.1	1027.2	1086.1	1134.5	1121.9	1121.9	1134.5
45°	2410.0	2073.3	1492.3	1138.7	980.9	972.4	1018.7	1056.6	1077.7	1105.0	1117.7
47.5°	2517.4	2119.6	1465.0	1090.3	938.8	911.4	936.7	999.8	1035.6	1065.1	1075.6
50°	2628.9	2172.2	1439.7	1039.8	896.7	841.9	854.6	924.0	955.6	970.3	976.6
52.5°	2742.6	2220.6	1420.8	997.7	848.3	759.8	787.2	852.5	875.6	884.0	888.2
55°	2843.6	2260.6	1403.9	961.9	793.5	694.6	715.6	783.0	799.8	808.3	814.6
57.5°	2951.0	2304.8	1393.4	928.2	732.5	637.8	652.5	713.5	736.7	745.1	751.4
60°	3045.7	2346.9	1385.0	892.5	675.7	587.3	595.7	654.6	679.9	684.1	690.4
62.5°	3108.9	2374.3	1372.4	848.3	623.0	538.8	540.9	597.8	625.1	629.3	633.6
65°	3125.7	2367.9	1334.5	789.3	570.4	490.4	490.4	545.2	574.6	589.4	595.7
67.5°	3075.2	2315.3	1254.5	713.5	519.9	446.2	446.2	494.6	526.2	543.0	549.4
68°	3058.3	2292.2	1229.2	694.6	507.3	435.7	435.7	486.2	515.7	530.4	534.6
70°	2915.2	2178.5	1113.5	623.0	467.3	404.1	404.1	448.3	479.9	479.9	477.8
72.5°	2532.1	1888.0	915.6	522.0	408.3	357.8	364.1	406.2	416.8	427.3	425.2
75°	1568.1	1130.3	614.6	412.5	343.1	313.6	326.3	364.1	370.5	393.6	387.3
77.5°	785.1	553.6	326.3	240.0	265.2	269.4	292.6	319.9	338.9	364.1	347.3
80°	387.3	269.4	191.5	149.4	155.8	197.9	254.7	275.7	309.4	326.3	311.5
82.5°	107.3	82.1	77.9	82.1	115.8	153.7	200.0	244.2	288.4	303.1	282.0
85°	18.9	14.7	12.6	40.0	80.0	113.7	162.1	216.8	258.9	248.4	233.6
87.5°	6.3	4.2	4.2	25.3	58.9	92.6	138.9	193.6	221.0	200.0	178.9
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: SP3-2511-595-2

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-827-U-T4W

Data in this report applies to families of products including GKO-PB1C-827*

Test Information

Test Method: LM-79-2019
 Report Number: SP3-2511-595-2
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP3 - 3M SPHERE
 Measurement Geometry: 4π
 Issue Date: 01/27/2026
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GKO-PB1C-827-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 2740
 CIE u' : 0.2602
 CIE v' : 0.5290
 Duv: 0.0017
 CIE x: 0.4595
 CIE y: 0.4151
 CIE z: 0.1255
 Peak Wavelength (nm): 605
 Dominant Wavelength (nm): 583
 Purity: 62.5206
 R_f: 84.8
 R_g: 94.5

CRI (Ra): 81.1
 R1: 79.2
 R2: 90.4
 R3: 95.8
 R4: 79.2
 R5: 79.6
 R6: 89.5
 R7: 81.1
 R8: 54.5
 R9: -0.3
 R10: 79.1
 R11: 79.0
 R12: 72.7
 R13: 81.7
 R14: 98.3
 R15: 70.3



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.0

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534	10/20/2025	10/20/2026
Sphere Thermometer	TANDD IN4036E	10/21/2025	10/21/2026

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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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

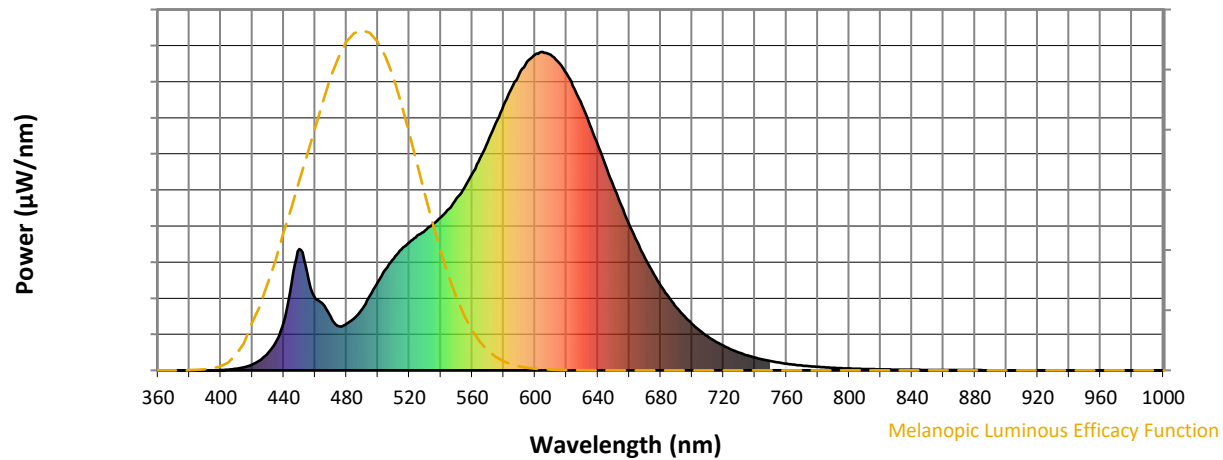


Scotopic Lumens: NR

S/P: 1.22

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.26

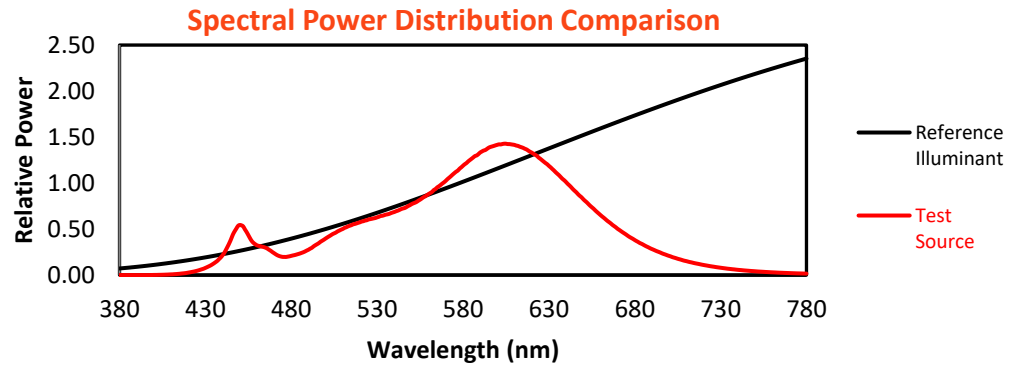
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

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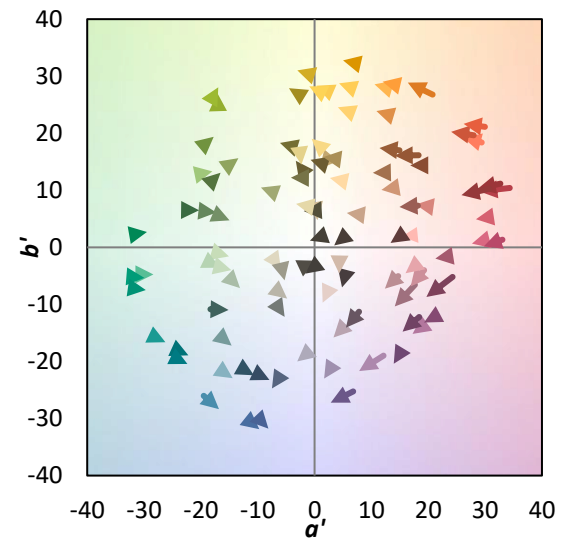
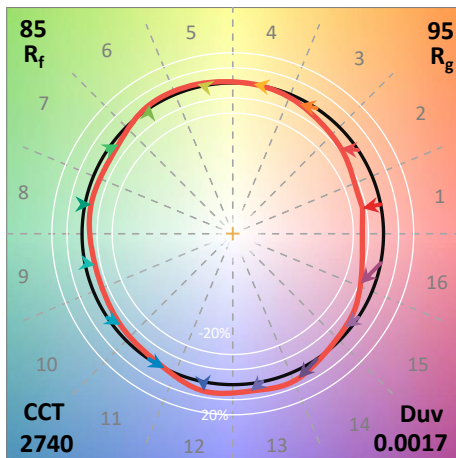
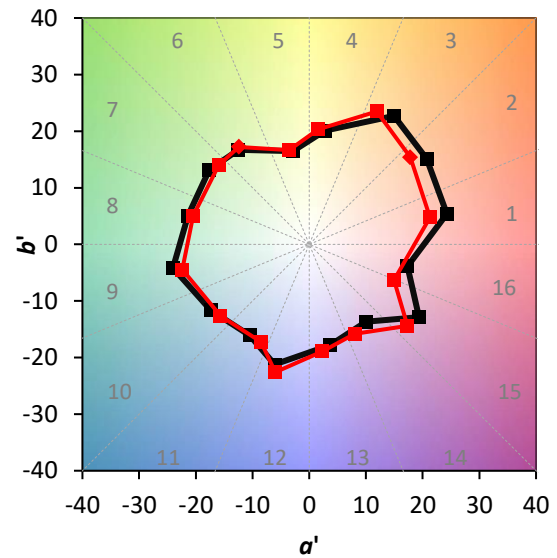
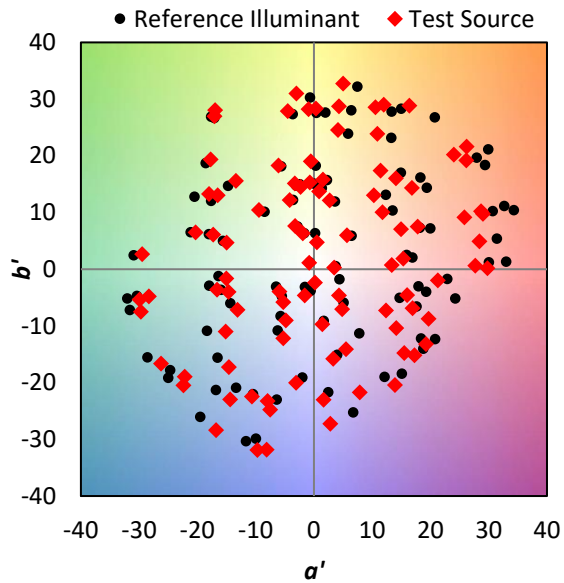
TM-30-18

Summary

$R_f = 84.8$
 $R_g = 94.5$
 $CIE\ R_a = 81.1$
 $R_g = -0.3$

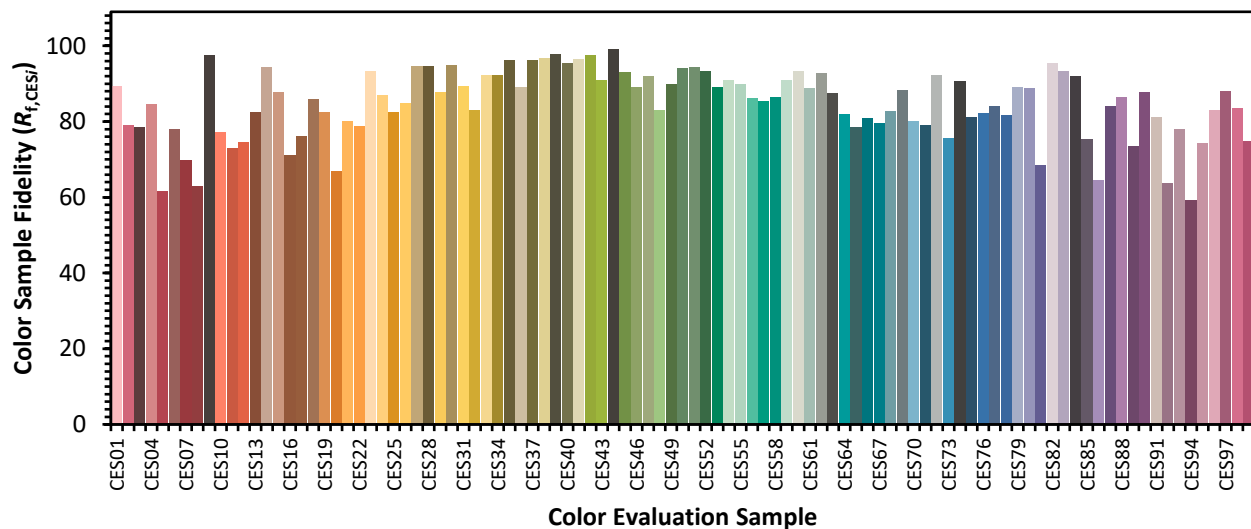


Color Vector Graphics

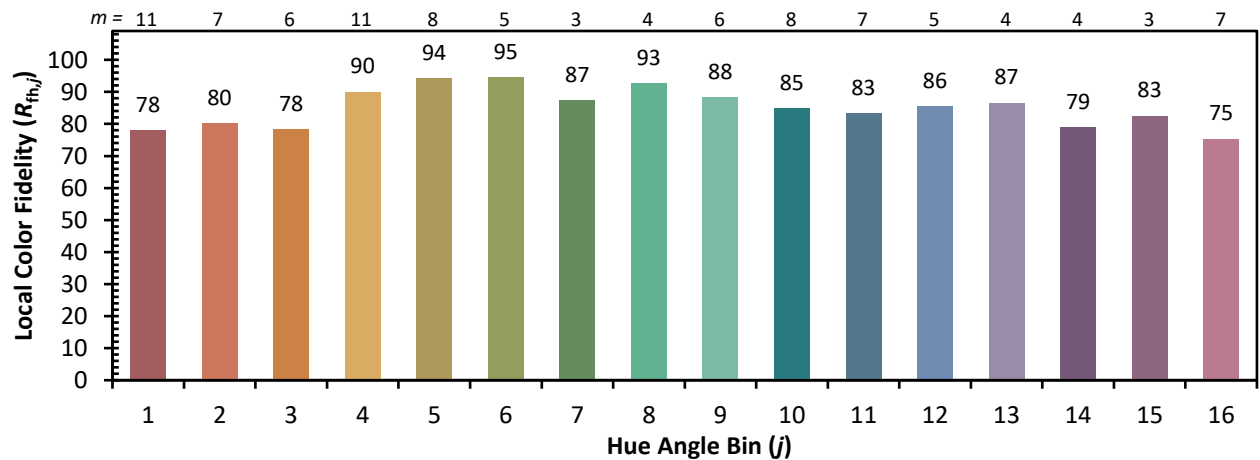
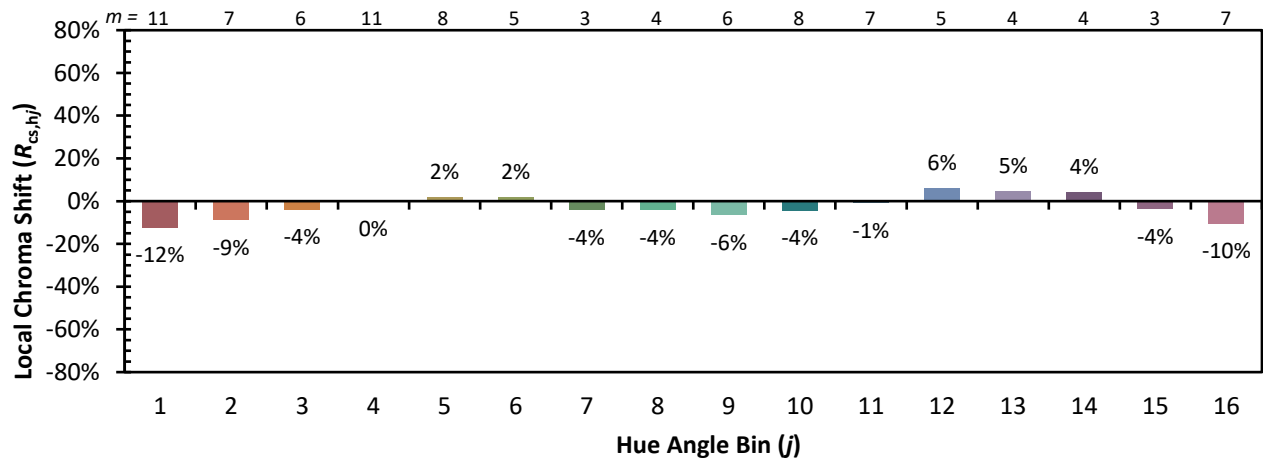


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 94	CES76 = 82
CES02 = 63	CES27 = 95	CES52 = 93	CES77 = 84
CES03 = 31	CES28 = 95	CES53 = 89	CES78 = 82
CES04 = 71	CES29 = 88	CES54 = 91	CES79 = 89
CES05 = 50	CES30 = 95	CES55 = 90	CES80 = 89
CES06 = 52	CES31 = 89	CES56 = 86	CES81 = 68
CES07 = 43	CES32 = 83	CES57 = 85	CES82 = 96
CES08 = 41	CES33 = 92	CES58 = 86	CES83 = 93
CES09 = 29	CES34 = 92	CES59 = 91	CES84 = 92
CES10 = 77	CES35 = 96	CES60 = 93	CES85 = 75
CES11 = 60	CES36 = 89	CES61 = 89	CES86 = 65
CES12 = 66	CES37 = 96	CES62 = 93	CES87 = 84
CES13 = 44	CES38 = 97	CES63 = 87	CES88 = 86
CES14 = 74	CES39 = 98	CES64 = 82	CES89 = 73
CES15 = 72	CES40 = 95	CES65 = 79	CES90 = 88
CES16 = 48	CES41 = 96	CES66 = 81	CES91 = 81
CES17 = 50	CES42 = 98	CES67 = 80	CES92 = 64
CES18 = 57	CES43 = 91	CES68 = 83	CES93 = 78
CES19 = 73	CES44 = 99	CES69 = 88	CES94 = 59
CES20 = 67	CES45 = 93	CES70 = 80	CES95 = 74
CES21 = 87	CES46 = 89	CES71 = 79	CES96 = 83
CES22 = 79	CES47 = 92	CES72 = 92	CES97 = 88
CES23 = 92	CES48 = 83	CES73 = 76	CES98 = 84
CES24 = 91	CES49 = 90	CES74 = 91	CES99 = 75
CES25 = 72	CES50 = 94	CES75 = 81	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)