

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: P1211742

Luminaire Tested: **GKO-PB1F-840-U-T3**

Issue Date: 11/5/2025



Test Information

Test Method: LM-79-08
Report Number: P1211742
Test Lab: INNOVATION CENTER(G1)
Issue Date: 11/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-840-U-T3
Description: GEKKO WALL PACK 6500LM PACKAGE 80CRI 4000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

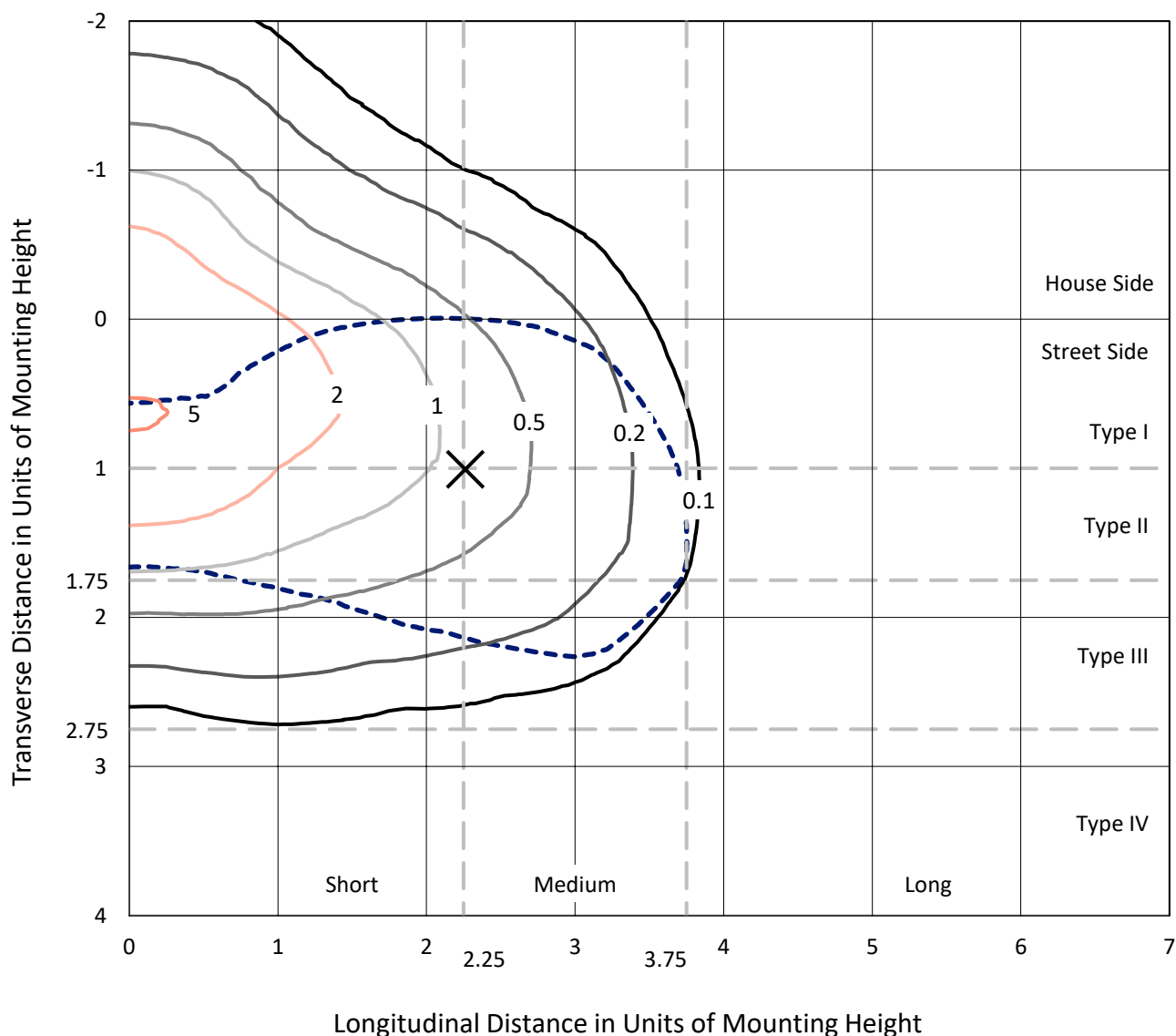
Lumens per Lamp: N/A
Luminaire Lumens: 6145 lumens
Efficiency: N/A
Efficacy: 112.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

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

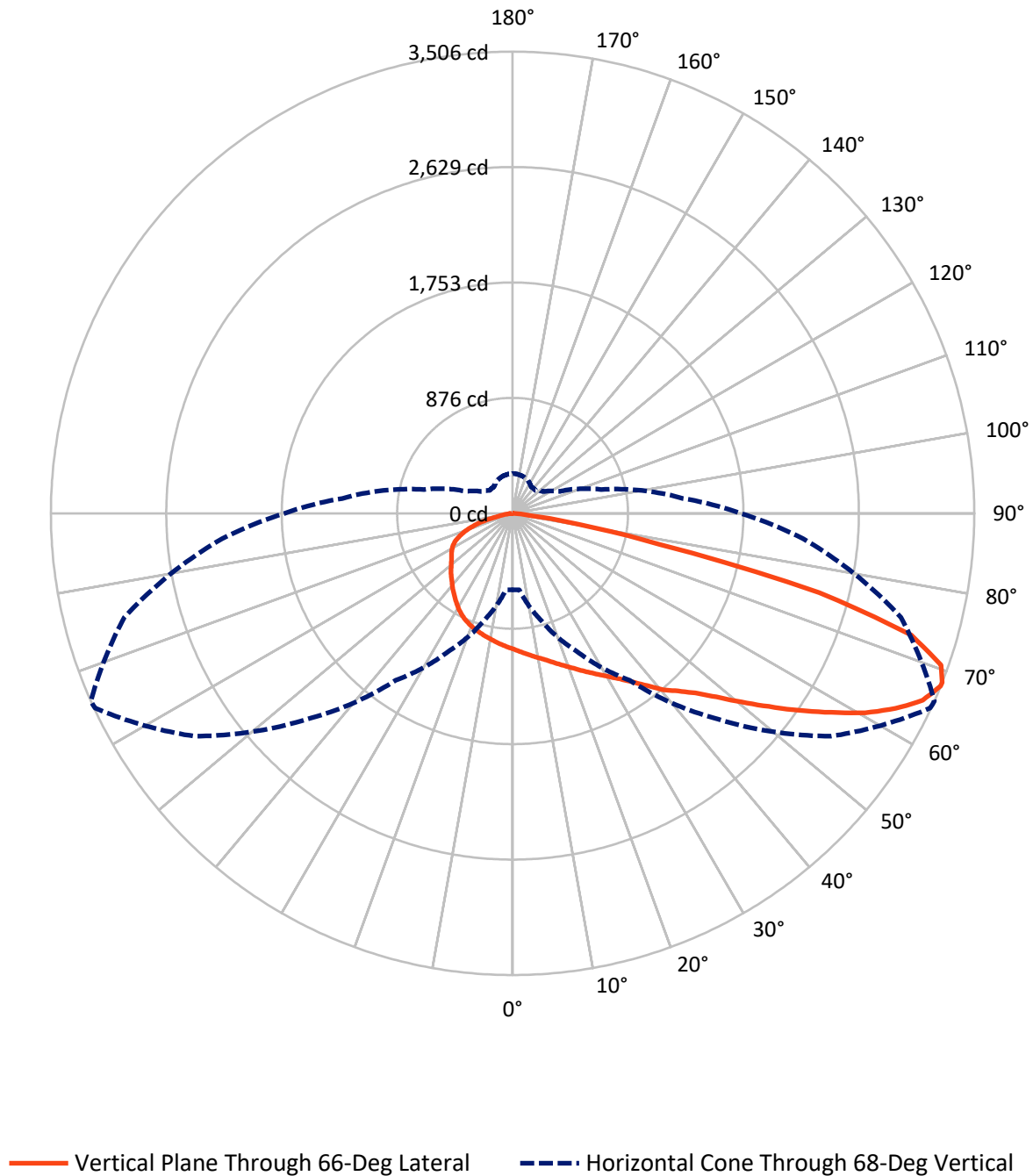
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.3 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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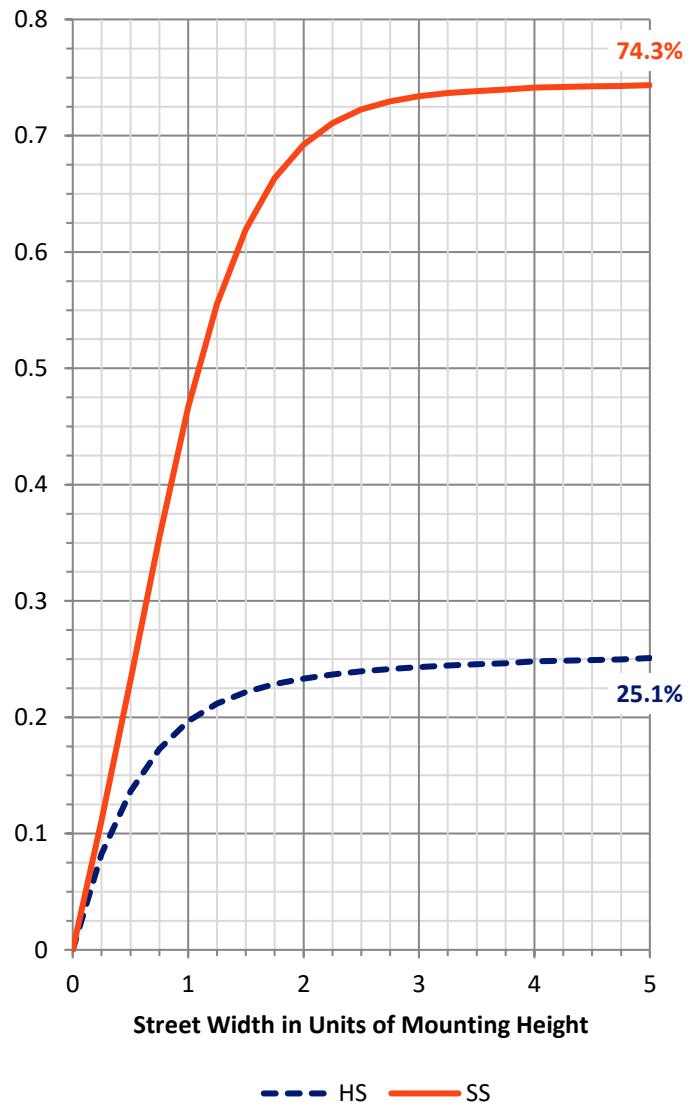
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1573.2	0.0	1573.2
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	4571.8	0.0	4571.8
	% Fixture	74.4	0.0	74.4
Total	Lumens	6145.0	0.0	6145.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.9	1.6
10°-20°	297.2	4.8
20°-30°	512.1	8.3
30°-40°	794.4	12.9
40°-50°	1088.3	17.7
50°-60°	1298.3	21.1
60°-70°	1300.9	21.2
70°-80°	688.4	11.2
80°-90°	66.4	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°	6145.0	100.0
0°-180°	6145.0	100.0



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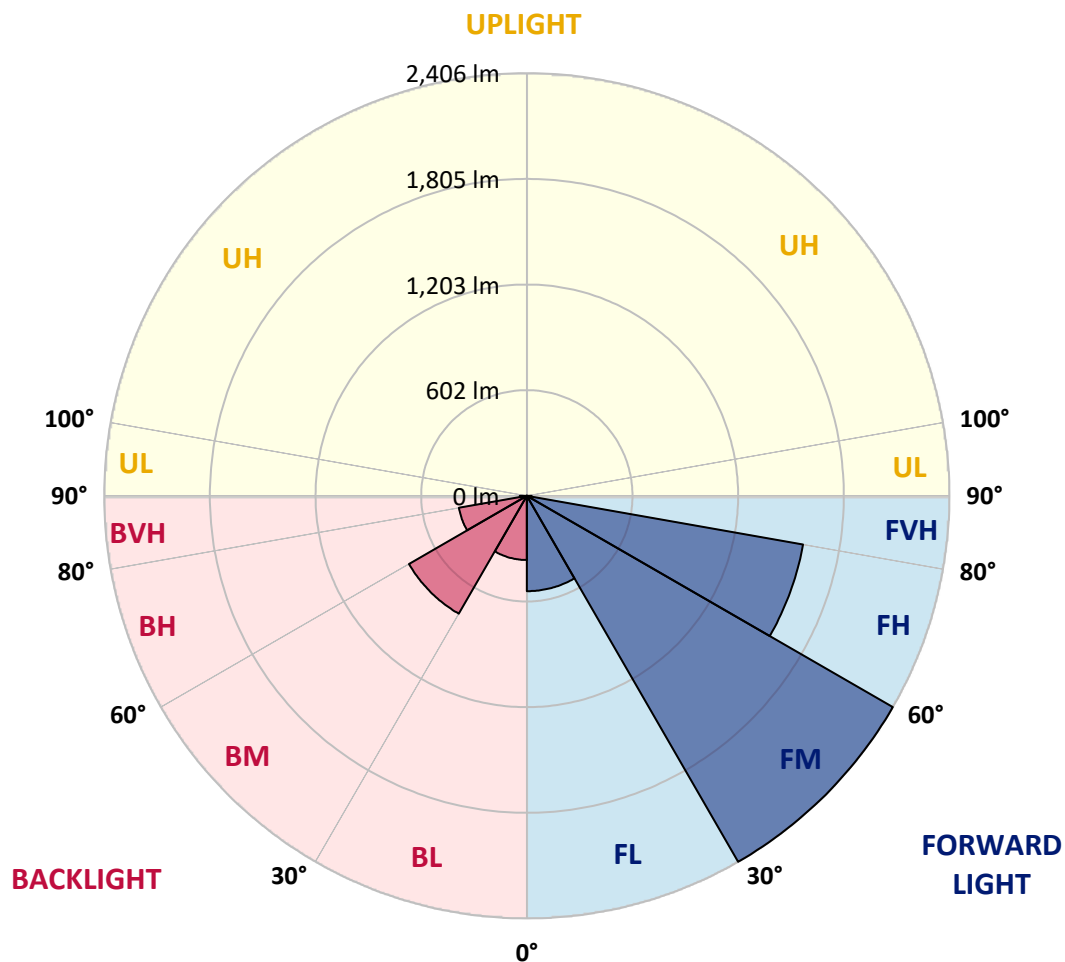
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	542.8	8.8			
FM	(30°-60°)	2406.1	39.2			
FH	(60°-80°)	1596.8	26.0			G1/1800
FVH	(80°-90°)	26.1	0.4			G1/100
BL	(0°-30°)	365.4	5.9	B1/500		
BM	(30°-60°)	775.0	12.6	B1/1000		
BH	(60°-80°)	392.5	6.4	B1/500		G1/500
BVH	(80°-90°)	40.3	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°	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7
2.5°	1073.6	1073.6	1071.2	1070.0	1068.8	1061.7	1056.9	1050.9	1050.9	1041.4	1033.0
5°	1110.6	1111.8	1107.0	1107.0	1102.2	1092.7	1083.1	1071.2	1071.2	1056.9	1040.2
7.5°	1142.8	1146.4	1141.6	1141.6	1136.8	1126.1	1110.6	1093.9	1093.9	1073.6	1049.7
10°	1173.8	1176.2	1173.8	1176.2	1169.0	1159.5	1141.6	1118.9	1117.7	1092.7	1059.3
12.5°	1198.9	1201.2	1202.4	1206.0	1200.0	1192.9	1176.2	1147.6	1144.0	1114.2	1071.2
15°	1222.7	1225.1	1228.7	1233.4	1232.3	1226.3	1210.8	1178.6	1176.2	1138.0	1086.7
17.5°	1241.8	1243.0	1250.1	1259.7	1262.1	1263.3	1246.6	1213.2	1210.8	1165.4	1103.4
20°	1269.2	1271.6	1278.8	1288.3	1295.5	1300.2	1287.1	1250.1	1247.8	1197.7	1124.9
22.5°	1331.3	1327.7	1331.3	1331.3	1334.8	1342.0	1332.5	1295.5	1290.7	1235.8	1151.1
25°	1448.2	1444.6	1435.0	1413.6	1389.7	1388.5	1377.8	1342.0	1336.0	1275.2	1176.2
27.5°	1611.6	1603.2	1585.3	1540.0	1482.8	1445.8	1429.1	1392.1	1384.9	1314.6	1200.0
30°	1784.6	1794.1	1764.3	1702.2	1597.3	1518.5	1486.3	1444.6	1438.6	1358.7	1228.7
32.5°	1986.2	1987.3	1957.5	1871.6	1735.6	1610.4	1555.5	1504.2	1499.5	1410.0	1266.8
35°	2103.1	2107.8	2094.7	2014.8	1859.7	1711.8	1639.0	1577.0	1573.4	1474.4	1314.6
37.5°	2224.7	2235.5	2215.2	2126.9	1953.9	1806.0	1732.1	1664.1	1660.5	1548.4	1374.2
40°	2404.9	2400.1	2378.6	2248.6	2042.2	1884.8	1823.9	1770.2	1761.9	1639.0	1435.0
42.5°	2534.9	2546.8	2500.3	2353.6	2138.8	1963.5	1915.8	1854.9	1844.2	1693.9	1470.8
45°	2579.0	2568.3	2517.0	2409.6	2265.3	2035.1	2002.9	1956.3	1945.6	1790.5	1541.2
47.5°	2588.6	2569.5	2524.1	2443.0	2372.6	2128.1	2109.0	2098.3	2082.8	1912.2	1625.9
50°	2530.1	2517.0	2495.5	2455.0	2441.8	2215.2	2224.7	2264.1	2251.0	2043.4	1720.1
52.5°	2397.7	2391.7	2410.8	2437.1	2402.5	2290.3	2361.9	2441.8	2437.1	2187.8	1821.5
55°	2148.4	2148.4	2255.7	2347.6	2367.9	2339.2	2509.8	2647.0	2641.0	2350.0	1918.2
57.5°	1920.5	1924.1	2013.6	2220.0	2305.8	2391.7	2674.4	2861.7	2852.2	2532.5	2019.6
60°	1633.1	1633.1	1769.0	2027.9	2216.4	2432.3	2820.0	3069.3	3075.3	2709.0	2119.8
62.5°	1293.1	1296.7	1485.1	1789.3	2087.5	2439.5	2935.7	3264.9	3263.7	2868.9	2197.3
65°	953.1	954.3	1210.8	1524.5	1894.3	2389.3	2998.9	3415.2	3422.4	2995.3	2242.6
67.5°	619.1	631.0	891.1	1237.0	1621.1	2247.4	2965.5	3495.2	3503.5	3053.8	2228.3
68°	579.7	582.1	843.4	1158.3	1547.2	2211.6	2950.0	3498.7	3505.9	3052.6	2214.0
70°	375.8	375.8	603.6	904.2	1234.6	1988.5	2815.2	3442.7	3451.0	3000.1	2110.2
72.5°	202.8	206.4	344.7	547.5	843.4	1538.8	2540.8	3150.4	3164.7	2712.6	1845.4
75°	142.0	144.3	200.4	306.6	459.3	1002.0	1986.2	2407.2	2404.9	1874.0	1155.9
77.5°	102.6	102.6	114.5	190.9	241.0	458.1	982.9	1159.5	1146.4	914.9	583.3
80°	66.8	66.8	71.6	100.2	115.7	139.6	300.6	502.2	511.7	446.1	291.1
82.5°	27.4	28.6	31.0	40.6	41.8	58.5	85.9	144.3	139.6	113.3	82.3
85°	3.6	3.6	4.8	6.0	7.2	13.1	11.9	11.9	11.9	14.3	13.1
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.6	3.6	4.8	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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CATALOG NUMBER: GKO-PB1F-840-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7	1030.7
2.5°	1030.7	1030.7	1023.5	1016.3	1009.2	1003.2	994.9	988.9	990.1	993.7	992.5
5°	1036.6	1030.7	1016.3	1000.8	988.9	978.2	962.7	954.3	953.1	955.5	954.3
7.5°	1040.2	1030.7	1009.2	985.3	966.2	951.9	930.5	922.1	918.5	919.7	919.7
10°	1047.4	1031.8	1002.0	968.6	944.8	924.5	901.8	889.9	886.3	886.3	885.1
12.5°	1055.7	1034.2	994.9	954.3	923.3	899.4	873.2	860.1	856.5	856.5	855.3
15°	1064.1	1037.8	987.7	938.8	903.0	874.4	849.3	833.8	829.1	829.1	831.4
17.5°	1074.8	1041.4	980.6	924.5	881.5	849.3	823.1	807.6	801.6	805.2	807.6
20°	1085.5	1048.5	973.4	909.0	860.1	826.7	800.4	784.9	779.0	784.9	786.1
22.5°	1101.0	1054.5	965.0	891.1	838.6	801.6	777.8	763.4	759.9	765.8	770.6
25°	1116.5	1061.7	954.3	872.0	811.2	775.4	756.3	745.6	746.7	755.1	759.9
27.5°	1133.2	1067.6	943.6	848.1	781.3	747.9	733.6	731.2	736.0	745.6	751.5
30°	1153.5	1076.0	929.3	820.7	747.9	718.1	712.2	719.3	727.7	737.2	743.2
32.5°	1179.8	1086.7	914.9	789.7	713.3	685.9	695.5	711.0	720.5	730.0	736.0
35°	1216.7	1108.2	906.6	758.7	676.4	658.5	679.9	705.0	712.2	718.1	725.3
37.5°	1259.7	1136.8	903.0	730.0	643.0	634.6	664.4	694.3	696.6	699.0	706.2
40°	1301.4	1158.3	893.5	699.0	608.4	608.4	645.4	674.0	672.8	669.2	674.0
42.5°	1318.1	1155.9	866.0	669.2	580.9	582.1	615.5	643.0	635.8	635.8	643.0
45°	1365.9	1175.0	845.8	645.4	555.9	551.1	577.4	598.8	610.8	626.3	633.4
47.5°	1426.7	1201.2	830.2	617.9	532.0	516.5	530.8	566.6	586.9	603.6	609.6
50°	1489.9	1231.1	815.9	589.3	508.2	477.2	484.3	523.7	541.6	549.9	553.5
52.5°	1554.3	1258.5	805.2	565.4	480.7	430.6	446.1	483.1	496.2	501.0	503.4
55°	1611.6	1281.2	795.7	545.1	449.7	393.7	405.6	443.8	453.3	458.1	461.6
57.5°	1672.4	1306.2	789.7	526.1	415.1	361.4	369.8	404.4	417.5	422.3	425.9
60°	1726.1	1330.1	784.9	505.8	382.9	332.8	337.6	371.0	385.3	387.7	391.3
62.5°	1761.9	1345.6	777.8	480.7	353.1	305.4	306.6	338.8	354.3	356.7	359.1
65°	1771.4	1342.0	756.3	447.3	323.3	277.9	277.9	309.0	325.7	334.0	337.6
67.5°	1742.8	1312.2	711.0	404.4	294.6	252.9	252.9	280.3	298.2	307.8	311.3
68°	1733.3	1299.1	696.6	393.7	287.5	246.9	246.9	275.6	292.3	300.6	303.0
70°	1652.1	1234.6	631.0	353.1	264.8	229.0	229.0	254.1	272.0	272.0	270.8
72.5°	1435.0	1070.0	518.9	295.8	231.4	202.8	206.4	230.2	236.2	242.2	241.0
75°	888.7	640.6	348.3	233.8	194.4	177.7	184.9	206.4	209.9	223.1	219.5
77.5°	444.9	313.7	184.9	136.0	150.3	152.7	165.8	181.3	192.1	206.4	196.8
80°	219.5	152.7	108.6	84.7	88.3	112.1	144.3	156.3	175.4	184.9	176.5
82.5°	60.8	46.5	44.1	46.5	65.6	87.1	113.3	138.4	163.4	171.8	159.8
85°	10.7	8.4	7.2	22.7	45.3	64.4	91.9	122.9	146.7	140.8	132.4
87.5°	3.6	2.4	2.4	14.3	33.4	52.5	78.7	109.7	125.3	113.3	101.4
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: SP3-2511-595-3

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-840-U-T4W

Data in this report applies to families of products including GKO-PB1C-840*

Test Information

Test Method: LM-79-2019
 Report Number: SP3-2511-595-3
 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-840-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 3958
 CIE u' : 0.2251
 CIE v' : 0.5041
 Duv: 0.0014
 CIE x: 0.3833
 CIE y: 0.3816
 CIE z: 0.2351
 Peak Wavelength (nm): 450
 Dominant Wavelength (nm): 578
 Purity: 29.56261
 R_f: 82.9
 R_g: 94.7

CRI (Ra): 80.8
 R1: 78.3
 R2: 87.6
 R3: 95.0
 R4: 79.6
 R5: 78.8
 R6: 83.3
 R7: 84.3
 R8: 59.4
 R9: -5.1
 R10: 71.4
 R11: 78.5
 R12: 60.5
 R13: 80.5
 R14: 97.5
 R15: 70.7



Test Conditions

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

REPORT NUMBER: SP3-2511-595-3

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 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

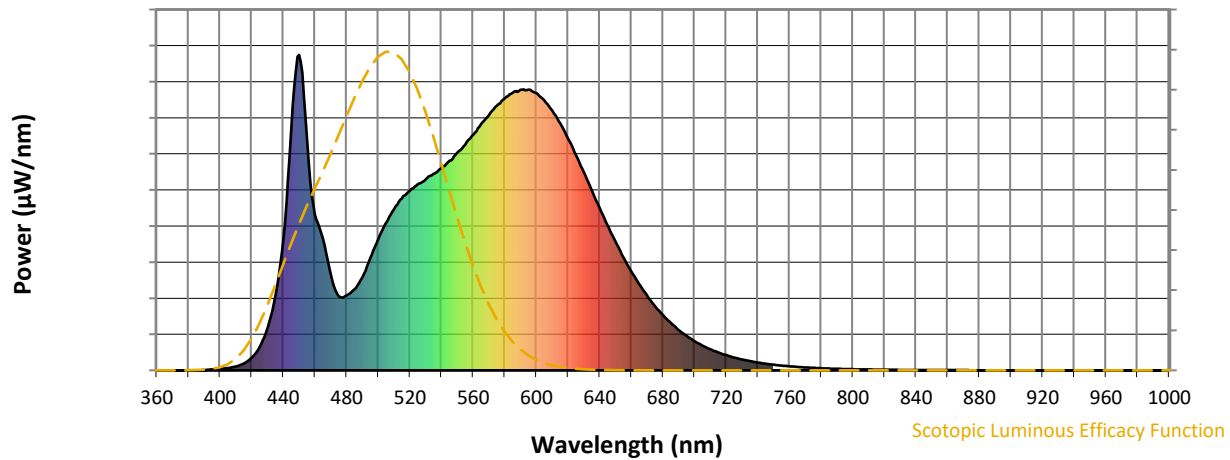


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.65

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	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.36

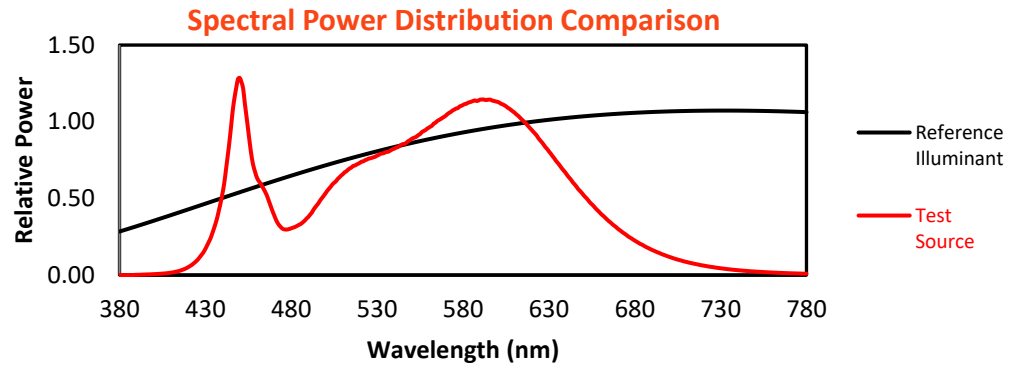
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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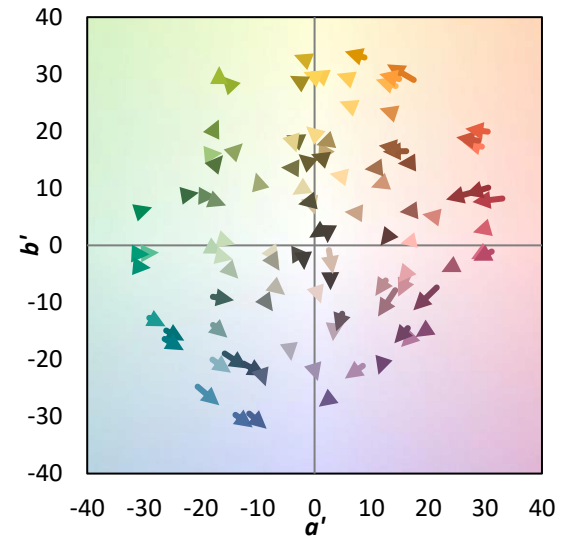
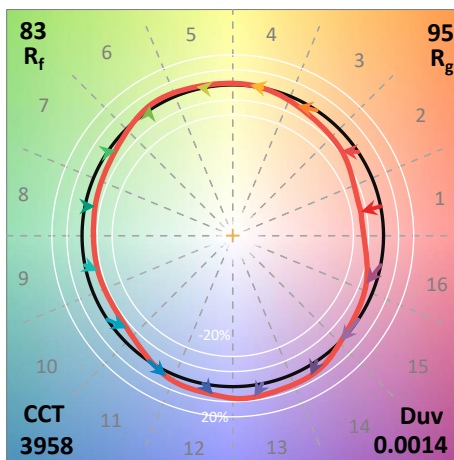
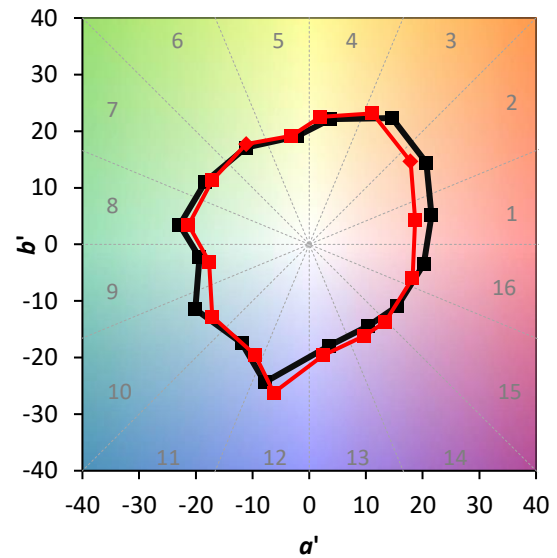
TM-30-18

Summary

$R_f = 82.9$
 $R_g = 94.7$
 $CIE R_a = 80.8$
 $R_g = -5.1$

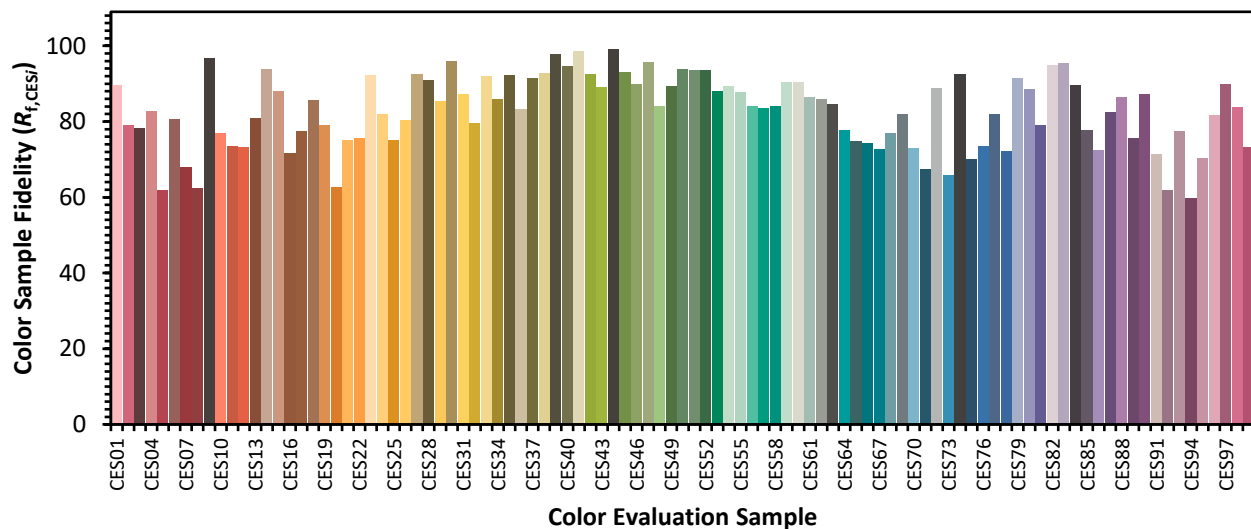


Color Vector Graphics



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

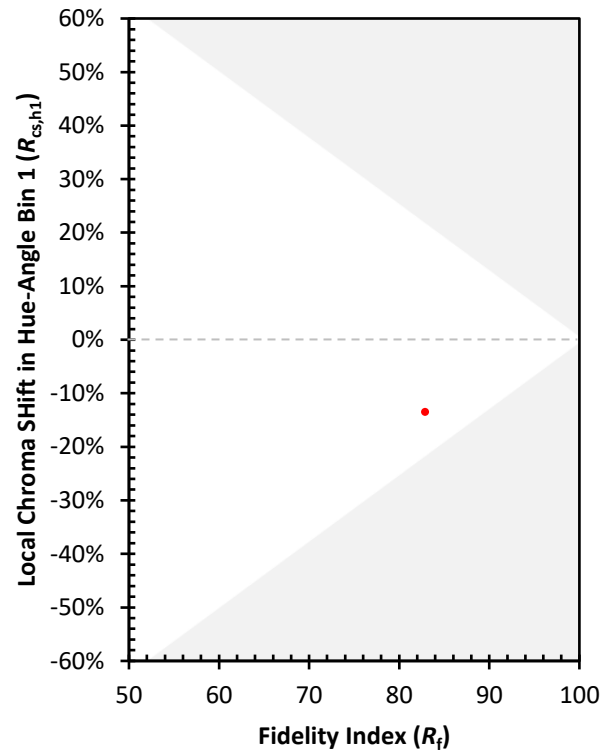
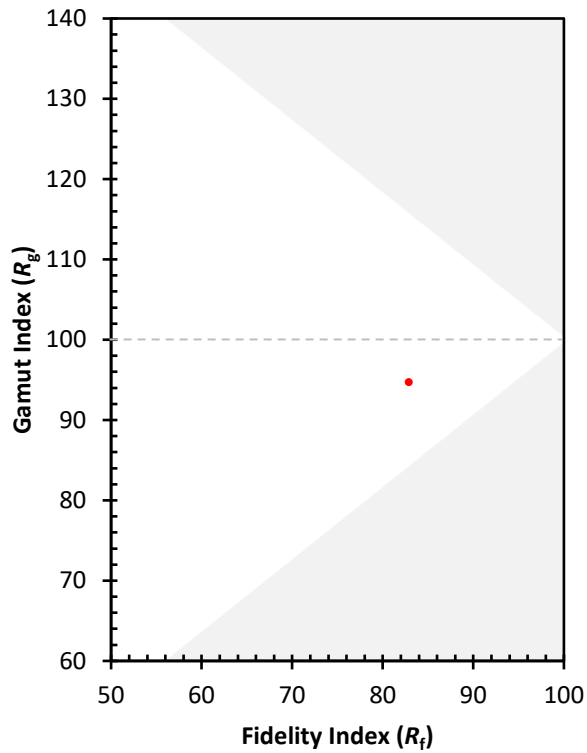
CES01 = 85	CES26 = 80	CES51 = 94	CES76 = 73
CES02 = 61	CES27 = 93	CES52 = 94	CES77 = 82
CES03 = 31	CES28 = 91	CES53 = 88	CES78 = 72
CES04 = 70	CES29 = 85	CES54 = 89	CES79 = 91
CES05 = 48	CES30 = 96	CES55 = 88	CES80 = 89
CES06 = 50	CES31 = 87	CES56 = 84	CES81 = 79
CES07 = 40	CES32 = 80	CES57 = 83	CES82 = 95
CES08 = 39	CES33 = 92	CES58 = 84	CES83 = 95
CES09 = 29	CES34 = 86	CES59 = 90	CES84 = 90
CES10 = 74	CES35 = 92	CES60 = 90	CES85 = 78
CES11 = 57	CES36 = 83	CES61 = 86	CES86 = 72
CES12 = 63	CES37 = 91	CES62 = 86	CES87 = 83
CES13 = 42	CES38 = 93	CES63 = 85	CES88 = 87
CES14 = 74	CES39 = 98	CES64 = 78	CES89 = 76
CES15 = 71	CES40 = 95	CES65 = 75	CES90 = 87
CES16 = 47	CES41 = 99	CES66 = 74	CES91 = 71
CES17 = 49	CES42 = 93	CES67 = 73	CES92 = 62
CES18 = 56	CES43 = 89	CES68 = 77	CES93 = 77
CES19 = 71	CES44 = 99	CES69 = 82	CES94 = 60
CES20 = 65	CES45 = 93	CES70 = 73	CES95 = 70
CES21 = 86	CES46 = 90	CES71 = 67	CES96 = 82
CES22 = 78	CES47 = 96	CES72 = 89	CES97 = 90
CES23 = 91	CES48 = 84	CES73 = 66	CES98 = 84
CES24 = 90	CES49 = 89	CES74 = 93	CES99 = 73
CES25 = 71	CES50 = 94	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)