

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: P972389

Luminaire Tested: **GKO-PB2C-750-U-T2U**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972389
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2C-750-U-T2U
Description: GEKKO WALL PACK 8000LM PACKAGE 70CRI 5000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8314.2 lumens
Efficiency: N/A
Efficacy: 142.9 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): 58.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 5%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

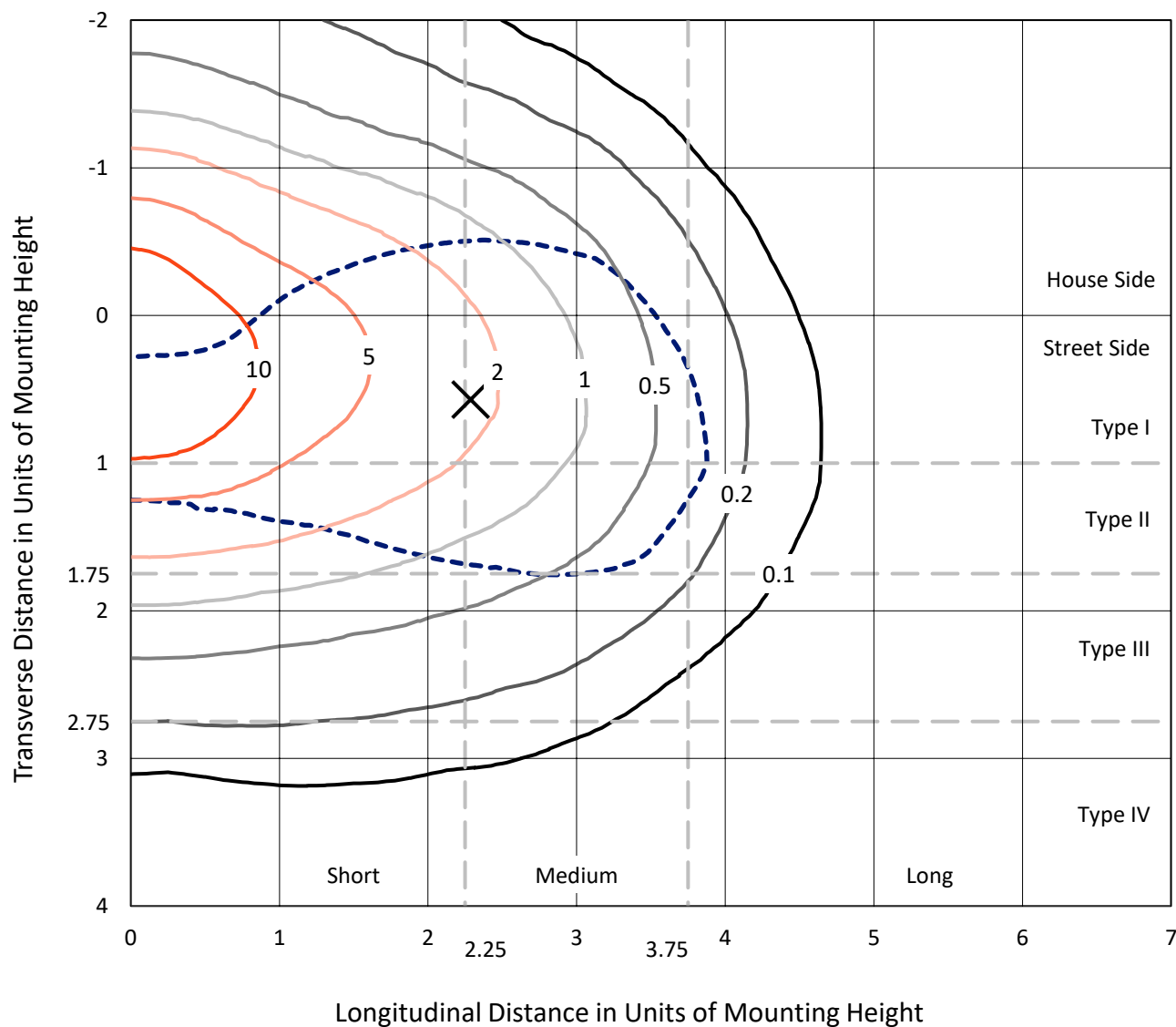
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

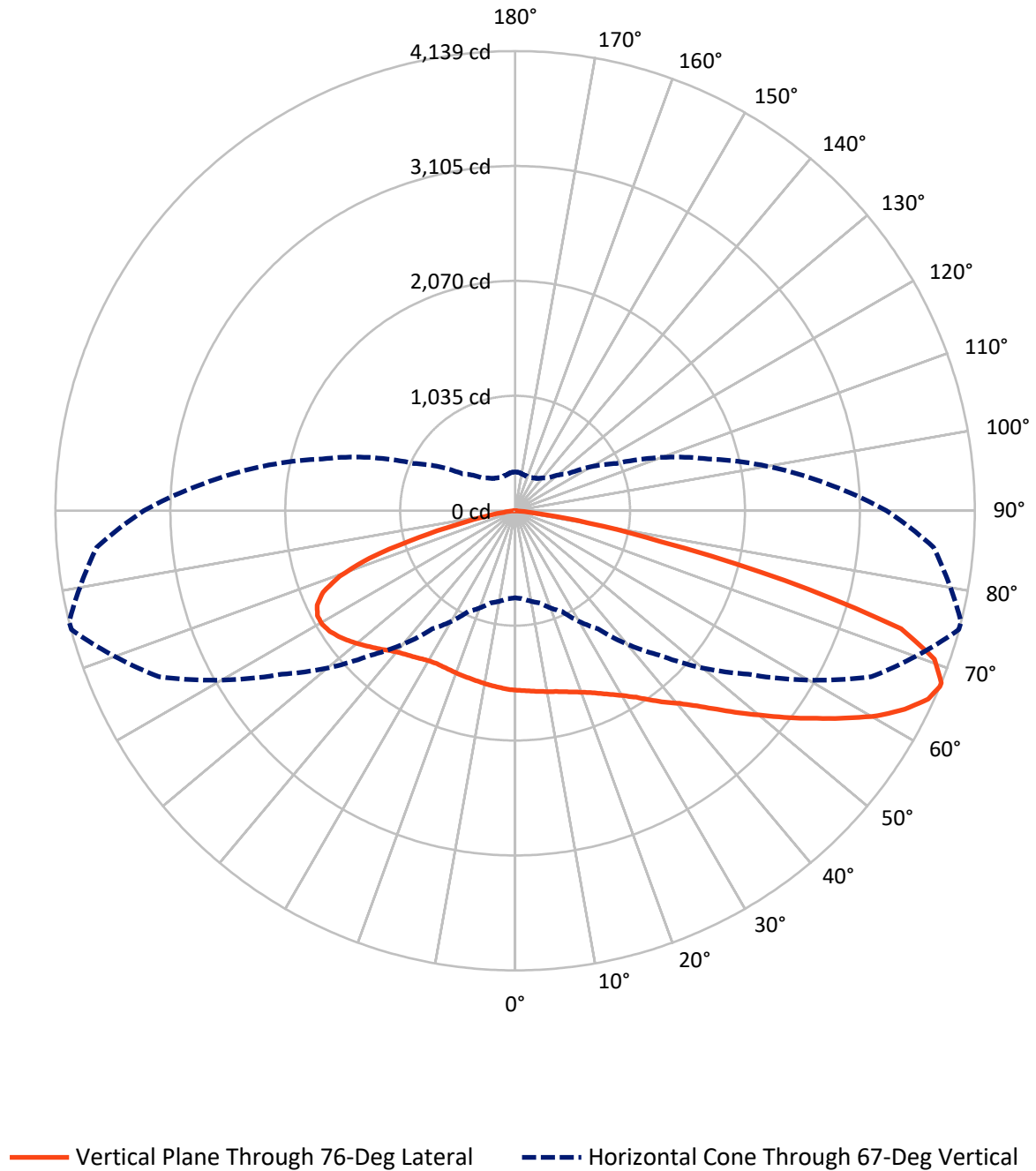


Based on 10 foot mounting height. Maximum calculated value = 18.3 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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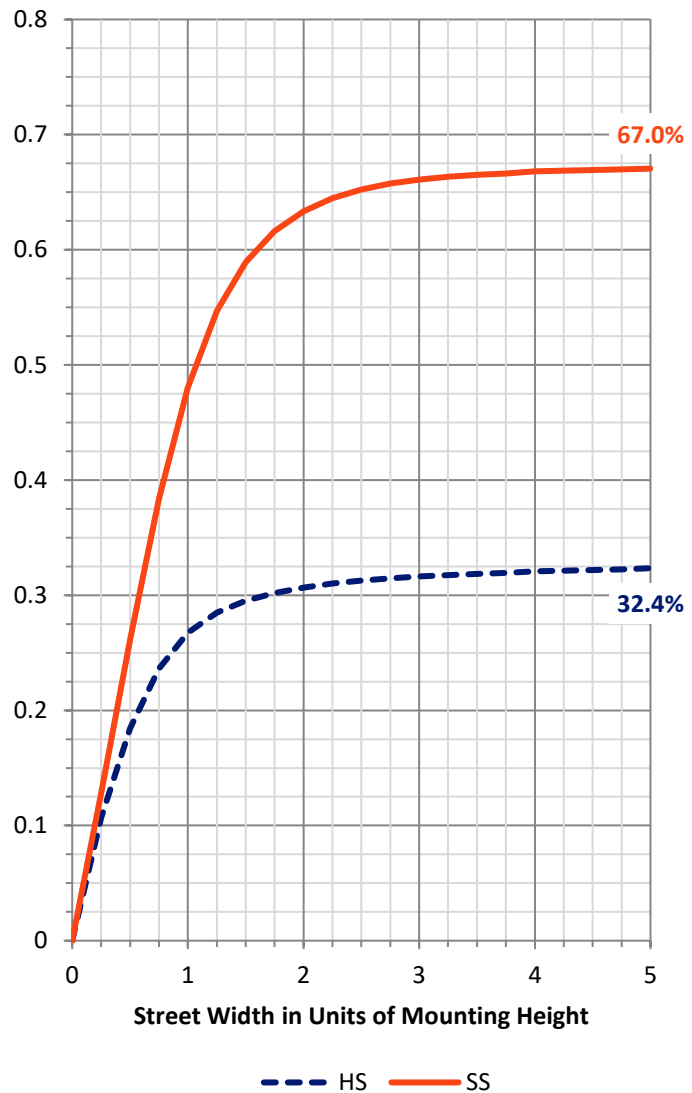
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2743.0	0.0	2743.0
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	5571.2	0.0	5571.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	8314.2	0.0	8314.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.4	1.9
10°-20°	475.3	5.7
20°-30°	817.7	9.8
30°-40°	1175.0	14.1
40°-50°	1490.1	17.9
50°-60°	1636.2	19.7
60°-70°	1586.9	19.1
70°-80°	876.1	10.5
80°-90°	101.6	1.2
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°	8314.2	100.0
0°-180°	8314.2	100.0



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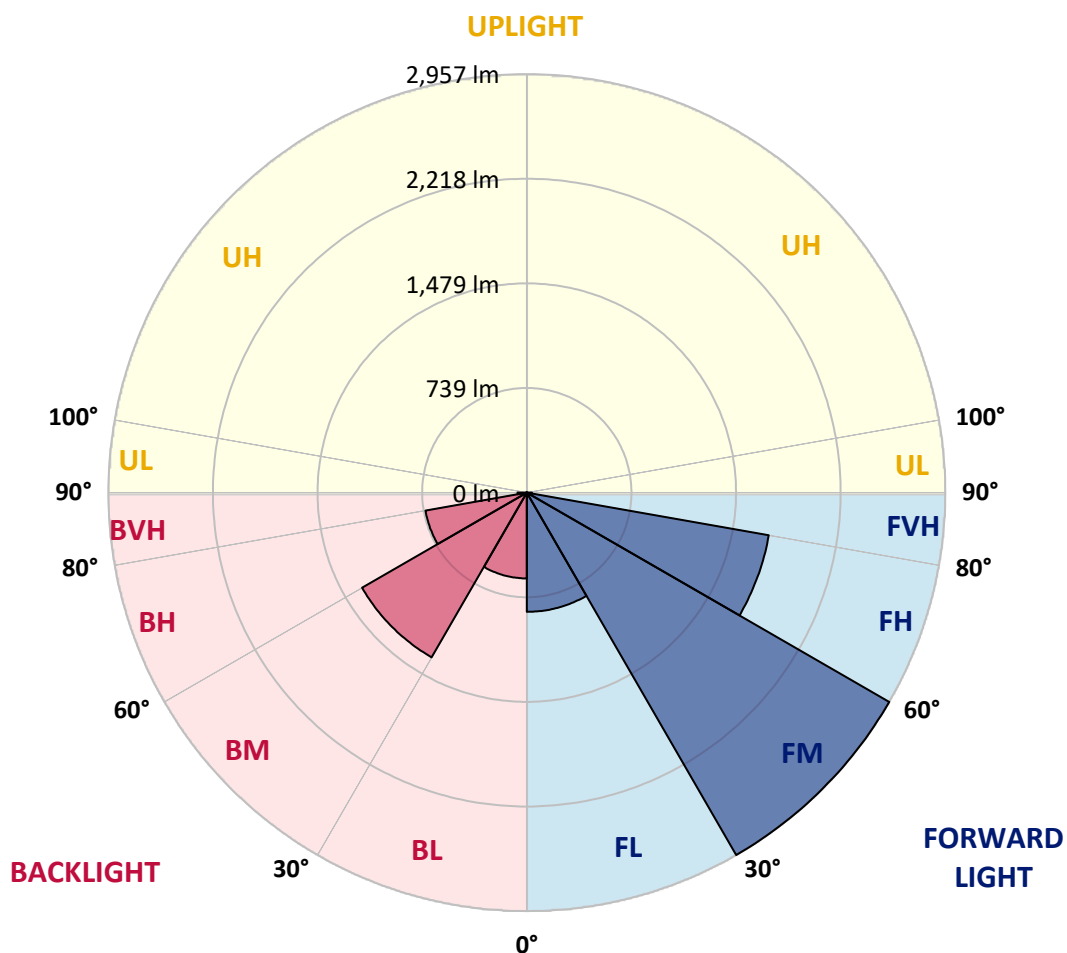
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	842.3	10.1			
FM	(30°-60°)	2957.2	35.6			
FH	(60°-80°)	1735.9	20.9			G1/1800
FVH	(80°-90°)	35.9	0.4			G1/100
BL	(0°-30°)	606.1	7.3	B2/1000		
BM	(30°-60°)	1344.1	16.2	B2/2500		
BH	(60°-80°)	727.1	8.7	B2/1000		G2/1000
BVH	(80°-90°)	65.7	0.8			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°	76°	85°
0°	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2
2.5°	1664.4	1662.8	1661.2	1661.2	1654.8	1648.4	1641.9	1637.1	1624.2	1622.6	1616.2
5°	1714.3	1714.3	1709.5	1707.9	1698.2	1682.1	1667.7	1653.2	1635.5	1632.3	1617.8
7.5°	1778.6	1778.6	1770.6	1764.1	1749.7	1723.9	1698.2	1672.5	1646.7	1643.5	1621.0
10°	1860.6	1860.6	1854.2	1839.7	1809.2	1775.4	1733.6	1693.4	1659.6	1656.4	1624.2
12.5°	1945.9	1947.5	1937.8	1916.9	1879.9	1828.5	1777.0	1719.1	1675.7	1670.9	1630.7
15°	2032.7	2034.3	2027.9	2005.4	1955.5	1892.8	1823.6	1754.5	1696.6	1691.8	1640.3
17.5°	2117.9	2121.2	2114.7	2089.0	2031.1	1963.6	1878.3	1791.5	1722.3	1715.9	1656.4
20°	2198.3	2198.3	2198.3	2169.4	2113.1	2035.9	1937.8	1836.5	1751.3	1744.8	1675.7
22.5°	2270.7	2273.9	2278.8	2262.7	2198.3	2113.1	2007.0	1886.4	1788.3	1780.2	1699.8
25°	2343.1	2344.7	2357.6	2346.3	2283.6	2195.1	2081.0	1949.1	1833.3	1825.3	1728.8
27.5°	2426.7	2431.5	2439.6	2434.7	2364.0	2277.1	2163.0	2018.2	1883.1	1875.1	1764.1
30°	2524.8	2524.8	2529.6	2521.6	2450.8	2364.0	2245.0	2090.6	1945.9	1933.0	1807.6
32.5°	2605.2	2613.2	2610.0	2606.8	2532.8	2446.0	2328.6	2171.0	2018.2	2002.2	1867.1
35°	2680.8	2682.4	2680.8	2684.0	2610.0	2528.0	2417.1	2264.3	2098.6	2092.2	1942.6
37.5°	2724.2	2727.4	2735.5	2745.1	2679.2	2602.0	2505.5	2367.2	2198.3	2187.1	2032.7
40°	2745.1	2749.9	2793.4	2807.8	2737.1	2672.8	2598.8	2460.5	2294.8	2282.0	2122.8
42.5°	2777.3	2815.9	2838.4	2841.6	2780.5	2724.2	2679.2	2566.6	2413.8	2402.6	2243.4
45°	2671.1	2656.7	2716.2	2785.3	2782.1	2758.0	2756.4	2685.6	2560.2	2548.9	2380.1
47.5°	2537.7	2526.4	2558.6	2659.9	2732.3	2772.5	2832.0	2825.5	2737.1	2721.0	2539.3
50°	2219.3	2238.6	2396.1	2534.5	2659.9	2777.3	2896.3	2971.9	2909.2	2896.3	2708.1
52.5°	1921.7	1934.6	2042.4	2372.0	2566.6	2762.8	2952.6	3126.3	3110.2	3095.7	2893.1
55°	1712.7	1725.5	1897.6	2108.3	2428.3	2688.8	2989.6	3272.6	3314.4	3299.9	3089.3
57.5°	1494.0	1514.9	1632.3	1817.2	2243.4	2566.6	3002.4	3420.5	3536.3	3523.5	3277.4
60°	1283.3	1312.3	1381.4	1582.4	2015.0	2421.9	2968.7	3539.5	3750.2	3750.2	3472.0
62.5°	1088.7	1104.8	1177.2	1358.9	1725.5	2236.9	2883.4	3615.1	3946.4	3938.4	3642.5
65°	927.9	935.9	993.8	1149.8	1482.7	2032.7	2735.5	3610.3	4086.3	4087.9	3755.0
67°	783.2	796.0	860.4	1001.9	1297.8	1839.7	2565.0	3537.9	4136.2	4139.4	3782.4
67.5°	733.3	747.8	818.6	964.9	1259.2	1786.7	2524.8	3507.4	4133.0	4139.4	3774.3
70°	505.0	508.2	627.2	794.4	1035.7	1505.2	2246.6	3295.1	4010.7	4005.9	3599.0
72.5°	321.6	316.8	431.0	580.5	833.0	1219.0	1896.0	2923.6	3639.3	3634.4	3172.9
75°	213.9	218.7	291.1	414.9	585.4	942.4	1477.9	2206.4	2528.0	2508.7	2093.8
77.5°	152.8	149.6	180.1	299.1	392.4	572.5	802.5	1174.0	1342.8	1342.8	1149.8
80°	83.6	85.2	98.1	165.6	221.9	223.5	300.7	588.6	656.1	670.6	558.0
82.5°	24.1	25.7	35.4	56.3	61.1	67.5	104.5	168.9	176.9	186.5	151.2
85°	0.0	0.0	0.0	1.6	6.4	8.0	8.0	9.6	16.1	16.1	17.7
87.5°	0.0	0.0	0.0	0.0	0.0	1.6	1.6	3.2	6.4	6.4	8.0
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°	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2	1616.2
2.5°	1614.6	1616.2	1609.8	1601.7	1595.3	1592.1	1582.4	1574.4	1579.2	1584.0	1584.0
5°	1613.0	1611.4	1598.5	1584.0	1574.4	1567.9	1551.9	1540.6	1542.2	1547.0	1545.4
7.5°	1613.0	1606.5	1588.9	1567.9	1551.9	1539.0	1518.1	1505.2	1503.6	1506.8	1503.6
10°	1614.6	1603.3	1579.2	1550.3	1527.7	1508.4	1482.7	1468.2	1463.4	1465.0	1461.8
12.5°	1617.8	1600.1	1569.6	1532.6	1503.6	1477.9	1448.9	1431.3	1428.0	1431.3	1431.3
15°	1622.6	1600.1	1561.5	1516.5	1477.9	1448.9	1420.0	1403.9	1403.9	1405.5	1405.5
17.5°	1632.3	1604.9	1555.1	1498.8	1452.2	1420.0	1394.3	1383.0	1384.6	1389.4	1389.4
20°	1641.9	1611.4	1548.7	1481.1	1429.6	1392.7	1371.8	1363.7	1370.1	1376.6	1376.6
22.5°	1656.4	1619.4	1542.2	1465.0	1403.9	1366.9	1349.2	1342.8	1349.2	1357.3	1354.1
25°	1678.9	1633.9	1537.4	1450.6	1379.8	1339.6	1321.9	1315.5	1318.7	1325.1	1325.1
27.5°	1704.6	1651.6	1535.8	1432.9	1350.8	1307.4	1286.5	1276.9	1276.9	1278.5	1280.1
30°	1748.1	1682.1	1542.2	1420.0	1325.1	1273.7	1246.3	1231.8	1230.2	1236.7	1236.7
32.5°	1799.5	1723.9	1558.3	1408.7	1299.4	1233.5	1196.5	1185.2	1182.0	1186.8	1182.0
35°	1857.4	1770.6	1579.2	1407.1	1273.7	1190.0	1148.2	1135.4	1125.7	1122.5	1119.3
37.5°	1939.4	1834.9	1600.1	1399.1	1247.9	1143.4	1098.4	1071.0	1059.8	1056.6	1056.6
40°	2019.8	1897.6	1625.8	1386.2	1217.4	1096.8	1032.4	1001.9	997.1	997.1	997.1
42.5°	2121.2	1979.6	1661.2	1378.2	1180.4	1050.1	961.7	926.3	926.3	926.3	924.7
45°	2246.6	2087.4	1706.3	1375.0	1145.0	993.8	886.1	839.5	837.8	836.2	834.6
47.5°	2392.9	2200.0	1749.7	1366.9	1103.2	926.3	799.3	747.8	736.5	733.3	728.5
50°	2544.1	2322.2	1796.3	1355.7	1053.3	847.5	717.2	657.7	633.6	625.6	628.8
52.5°	2704.9	2441.2	1841.3	1339.6	993.8	768.7	633.6	570.9	546.8	537.1	535.5
55°	2862.5	2561.8	1883.1	1318.7	929.5	688.3	562.9	501.7	480.8	477.6	477.6
57.5°	3021.7	2677.6	1915.3	1288.1	858.8	617.5	501.7	451.9	437.4	443.9	443.9
60°	3166.5	2778.9	1931.4	1246.3	788.0	553.2	453.5	416.5	410.1	426.2	424.6
62.5°	3296.7	2846.4	1923.4	1185.2	718.8	498.5	416.5	389.2	390.8	410.1	411.7
65°	3359.4	2857.7	1876.7	1101.6	641.7	451.9	377.9	352.2	355.4	376.3	381.1
67°	3345.0	2814.3	1799.5	1006.7	578.9	416.5	353.8	328.1	329.7	347.4	349.0
67.5°	3328.9	2793.4	1778.6	977.8	562.9	410.1	347.4	323.2	326.5	342.5	342.5
70°	3115.0	2581.1	1585.6	829.8	487.3	365.1	316.8	300.7	303.9	313.6	313.6
72.5°	2722.6	2235.3	1283.3	665.8	413.3	323.2	286.3	276.6	276.6	276.6	268.6
75°	1736.8	1400.7	839.5	509.8	340.9	276.6	257.3	246.0	239.6	249.3	246.0
77.5°	960.1	731.7	437.4	292.7	246.0	230.0	223.5	218.7	217.1	239.6	233.2
80°	455.1	361.8	246.0	167.2	141.5	170.5	193.0	189.8	226.7	310.4	312.0
82.5°	144.7	119.0	99.7	91.7	94.9	122.2	149.6	172.1	294.3	332.9	328.1
85°	17.7	16.1	11.3	37.0	62.7	90.1	115.8	223.5	270.2	225.1	212.3
87.5°	6.4	6.4	6.4	25.7	48.2	69.2	104.5	225.1	165.6	151.2	138.3
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: SP2-2501-321-5

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-750-U-T4W

Data in this report applies to families of products including GKO-PB1E-750-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-5
 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-750-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	5105	CRI (Ra):	72.2		
CIE u':	0.2079	R1:	68.8	R9:	-38.2
CIE v':	0.4868	R2:	78.3	R10:	48.2
Duv:	0.0035	R3:	84.9	R11:	68.1
CIE x:	0.3428	R4:	71.7	R12:	42.9
CIE y:	0.3567	R5:	69.8	R13:	70.6
CIE z:	0.3005	R6:	69.8	R14:	91.6
Peak Wavelength (nm):	451	R7:	81.2	R15:	61.7
Dominant Wavelength (nm):	567	R8:	53.5		
Purity:	9.884628				
Rf:	74.2				
Rg:	92.7				



Test Conditions

Stabilization Time: 30M
 Operation Time: 1H 30M
 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 5000K 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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.82

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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.75

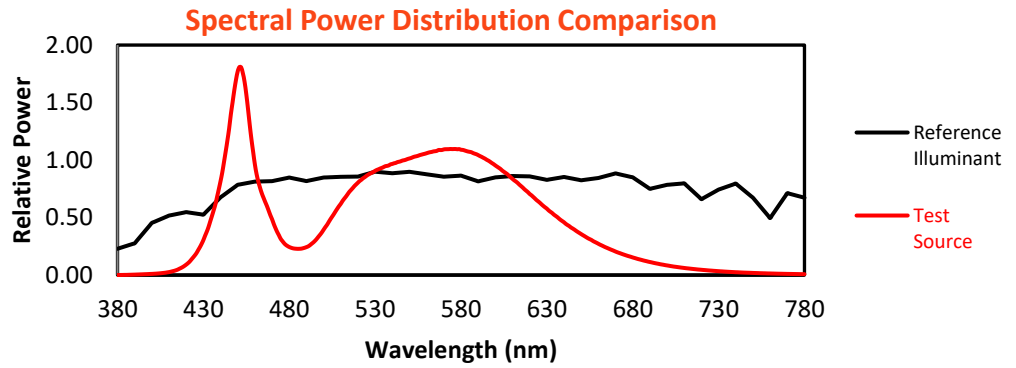
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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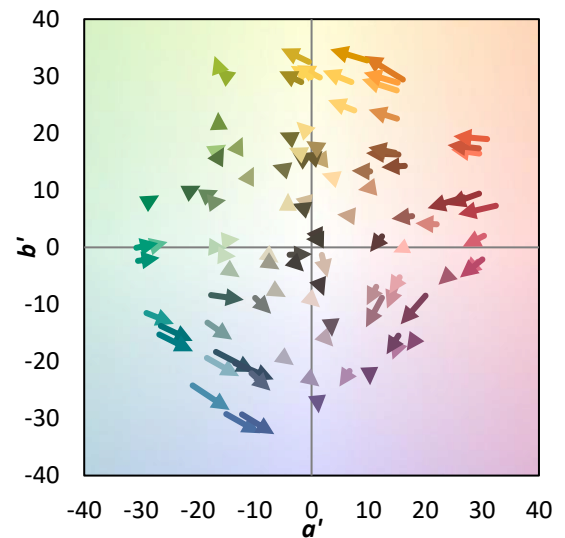
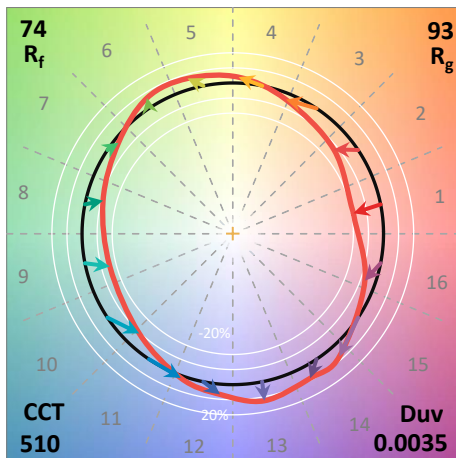
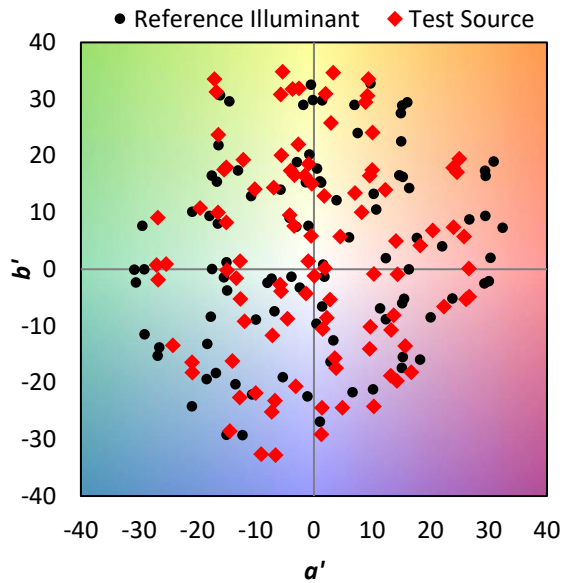
TM-30-18

Summary

$R_f = 74.2$
 $R_g = 92.7$
 $CIE\ R_a = 72.2$
 $R_g = -38.2$



Color Vector Graphics

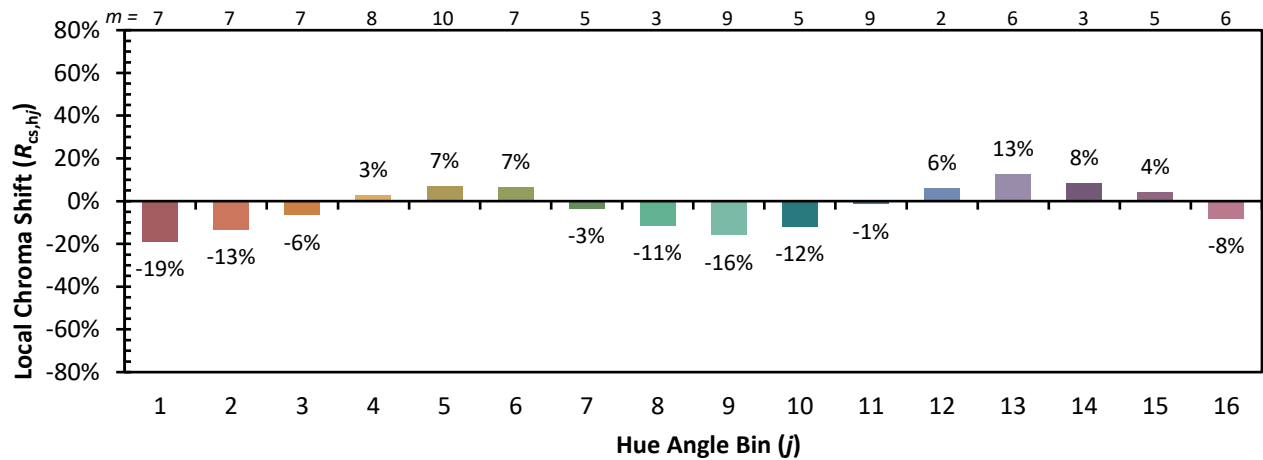


Individual Sample Fidelity Index ($R_{f,i}$)

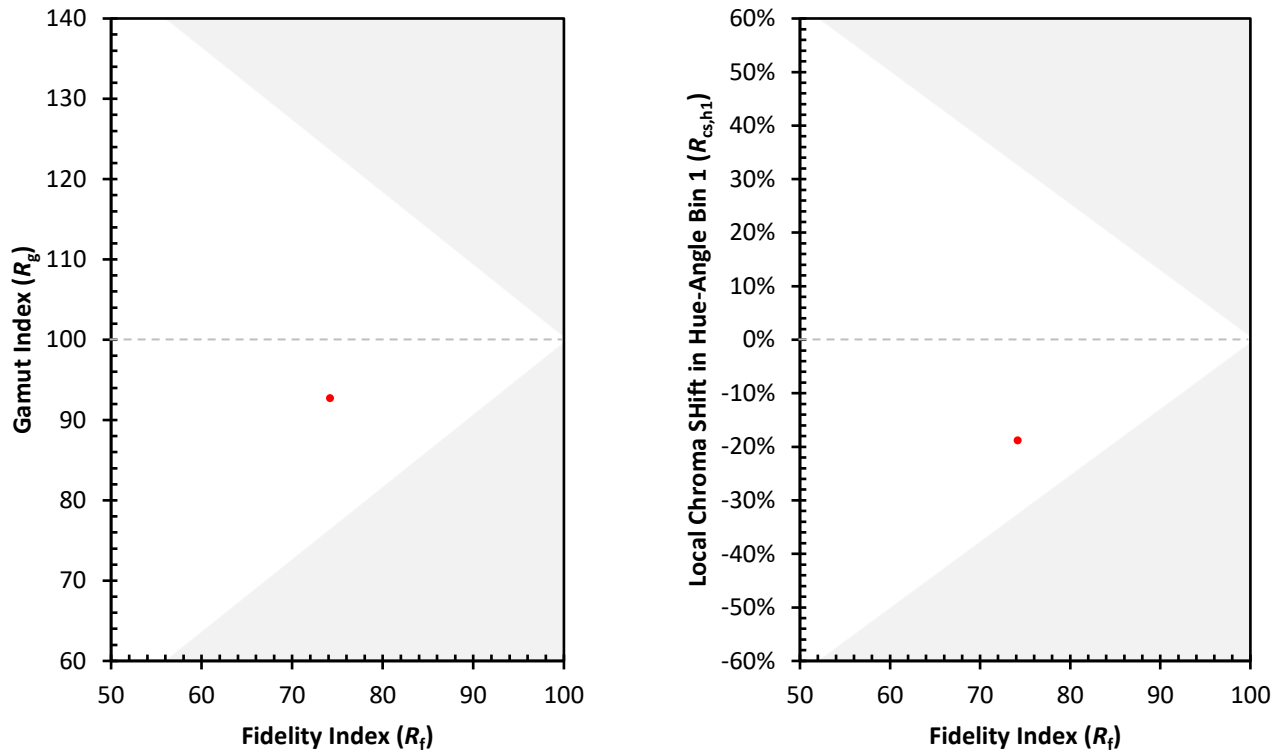
CES01 = 85	CES26 = 63	CES51 = 89	CES76 = 51
CES02 = 59	CES27 = 89	CES52 = 89	CES77 = 68
CES03 = 30	CES28 = 81	CES53 = 79	CES78 = 54
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 79
CES07 = 38	CES32 = 63	CES57 = 73	CES82 = 91
CES08 = 38	CES33 = 82	CES58 = 74	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 86	CES84 = 85
CES10 = 72	CES35 = 83	CES60 = 88	CES85 = 78
CES11 = 56	CES36 = 88	CES61 = 82	CES86 = 75
CES12 = 61	CES37 = 78	CES62 = 81	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 73
CES15 = 70	CES40 = 91	CES65 = 61	CES90 = 80
CES16 = 46	CES41 = 96	CES66 = 56	CES91 = 72
CES17 = 49	CES42 = 80	CES67 = 54	CES92 = 58
CES18 = 55	CES43 = 79	CES68 = 64	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 73	CES94 = 53
CES20 = 63	CES45 = 87	CES70 = 56	CES95 = 64
CES21 = 85	CES46 = 85	CES71 = 47	CES96 = 76
CES22 = 77	CES47 = 90	CES72 = 82	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 47	CES98 = 76
CES24 = 90	CES49 = 83	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 50	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)