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: P972197

Luminaire Tested: **GKO-PB2E-722-U-T4W**

Issue Date: 02/27/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P972197
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-722-U-T4W
Description:	GEKKO WALL PACK 12000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10292.6 lumens
Efficiency:	N/A
Efficacy:	98.3 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short
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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REPORT NUMBER: P972197
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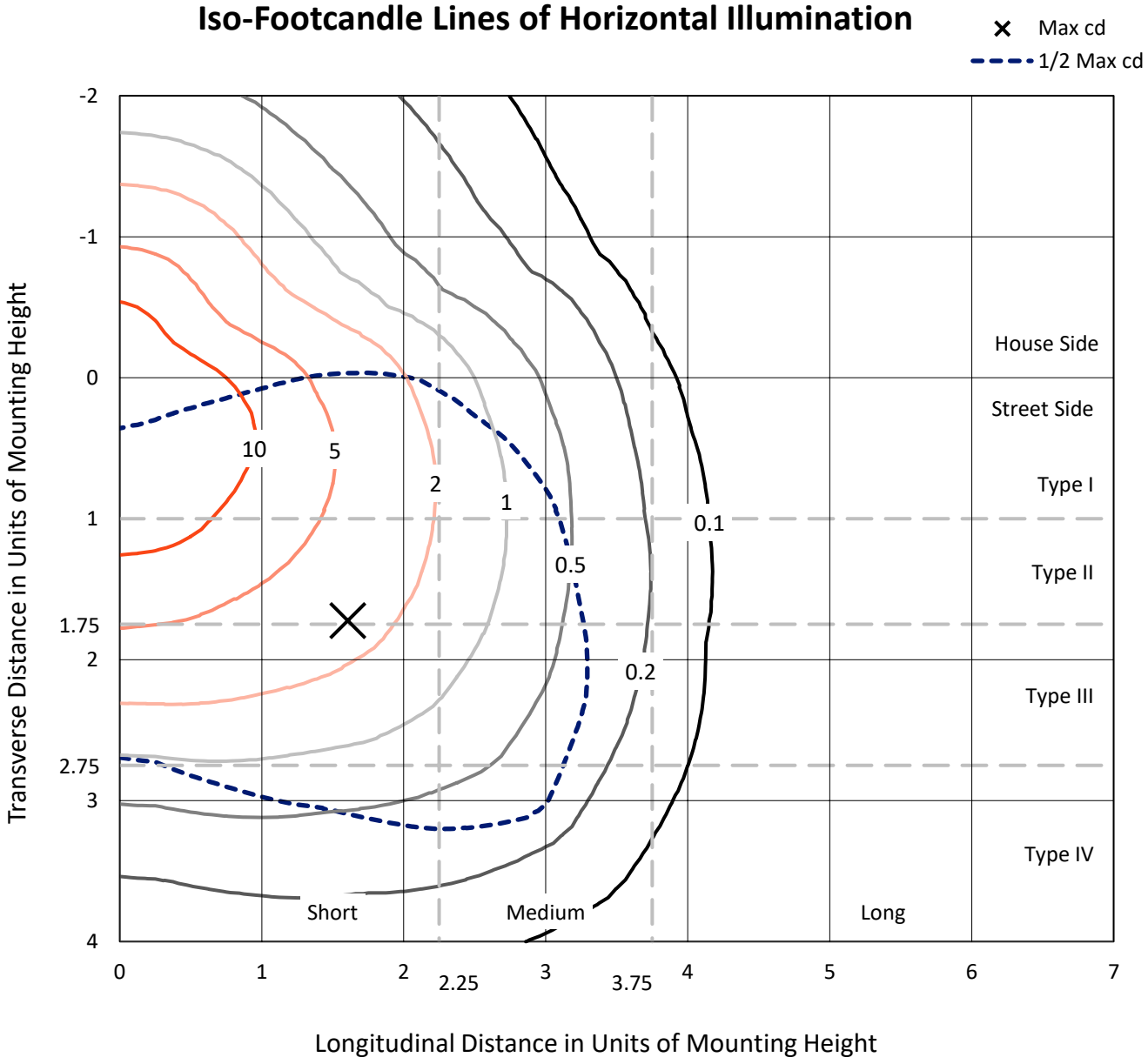
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 19.6 fc
Type IV - Short - N/A

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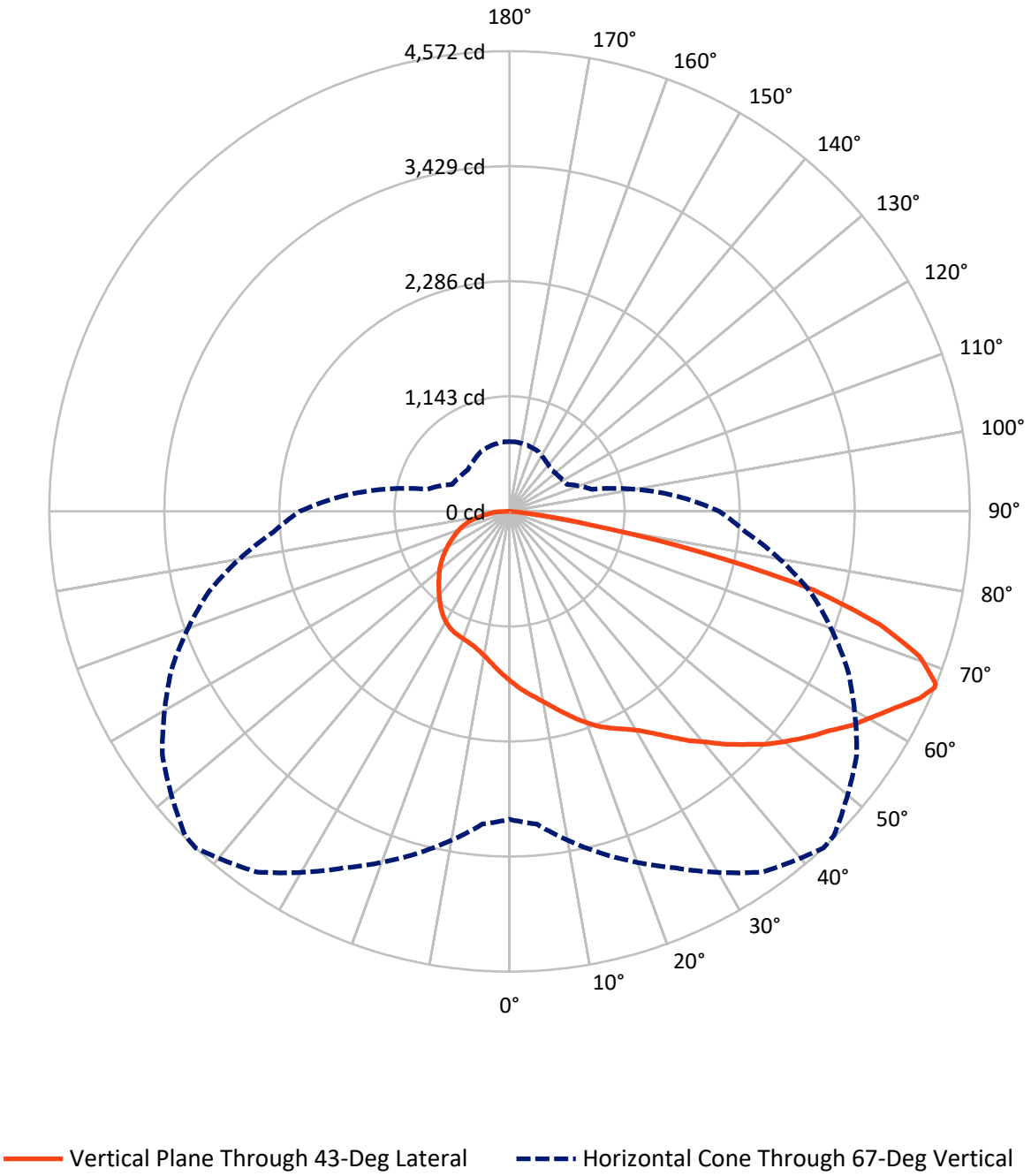
Luminous Intensity Polar Plot



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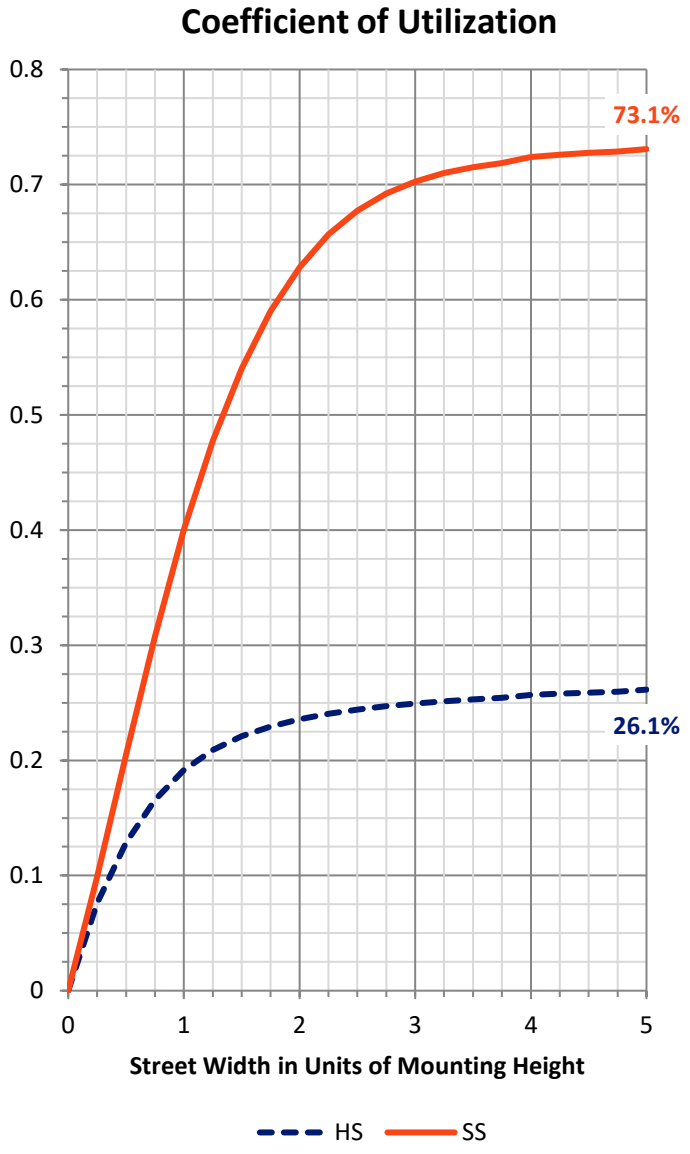
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2768.4	0.0	2768.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	7524.2	0.0	7524.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	10292.6	0.0	10292.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.5	1.6
10°-20°	496.3	4.8
20°-30°	859.3	8.3
30°-40°	1275.2	12.4
40°-50°	1732.3	16.8
50°-60°	2126.6	20.7
60°-70°	2241.3	21.8
70°-80°	1237.2	12.0
80°-90°	163.0	1.6
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°	10292.6	100.0
0°-180°	10292.6	100.0



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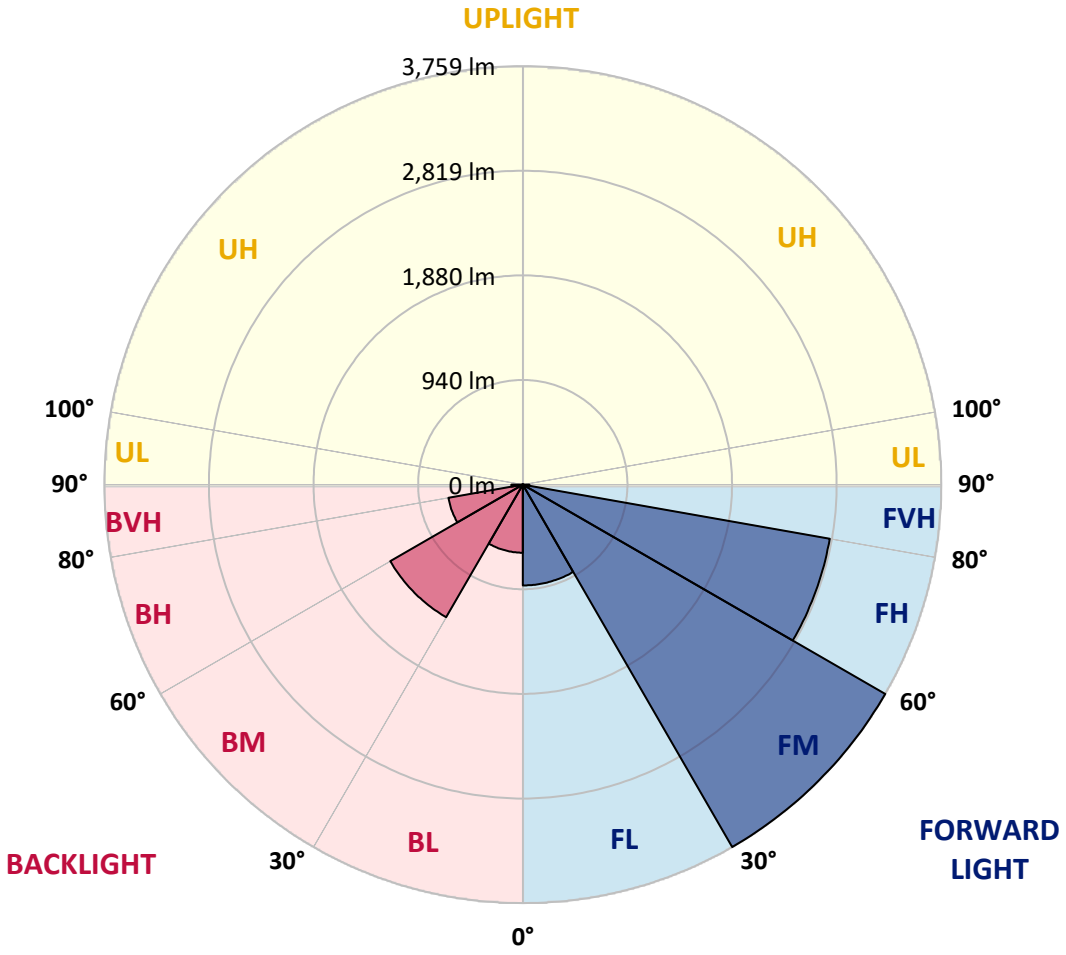
REPORT NUMBER: P972197
CATALOG NUMBER: GKO-PB2E-722-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	905.5	8.8			
FM	(30°-60°)	3759.1	36.5			
FH	(60°-80°)	2800.1	27.2			G2/5000
FVH	(80°-90°)	59.5	0.6			G1/100
BL	(0°-30°)	611.6	5.9	B2/1000		
BM	(30°-60°)	1375.0	13.4	B2/2500		
BH	(60°-80°)	678.4	6.6	B2/1000		G2/1000
BVH	(80°-90°)	103.4	1.0			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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REPORT NUMBER: P972197
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	1689.4	1689.4	1689.4	1689.4	1689.4	*1689.4*	1689.4	1689.4	1689.4	1689.4	1689.4
2.5°	1767.7	1771.8	1767.7	1763.5	1755.3	*1751.2*	1747.1	1736.8	1724.4	1705.9	1691.4
5°	1846.0	1846.0	1839.8	1835.7	1823.3	*1810.9*	1804.7	1780.0	1753.2	1722.3	1693.5
7.5°	1918.1	1926.3	1916.0	1905.7	1887.2	*1866.6*	1862.4	1825.3	1788.3	1747.1	1703.8
10°	2008.7	2014.9	2000.5	1992.2	1957.2	*1930.4*	1922.2	1876.9	1827.4	1775.9	1720.3
12.5°	2101.4	2105.5	2095.2	2076.7	2039.6	*2006.6*	1994.3	1934.5	1870.7	1808.9	1738.8
15°	2181.8	2185.9	2181.8	2161.2	2126.1	*2084.9*	2068.5	2002.5	1924.2	1843.9	1761.5
17.5°	2241.5	2249.8	2249.8	2239.5	2208.5	*2169.4*	2159.1	2076.7	1986.0	1885.1	1788.3
20°	2293.0	2297.1	2305.4	2299.2	2282.7	*2249.8*	2235.3	2157.0	2047.9	1932.5	1815.0
22.5°	2334.2	2338.3	2352.8	2350.7	2340.4	*2323.9*	2309.5	2237.4	2120.0	1979.9	1839.8
25°	2406.3	2404.3	2412.5	2406.3	2394.0	*2387.8*	2379.5	2315.7	2192.1	2035.5	1872.7
27.5°	2532.0	2527.9	2519.6	2488.7	2457.8	*2449.6*	2443.4	2398.1	2276.5	2099.4	1909.8
30°	2717.4	2721.5	2682.4	2612.4	2550.5	*2525.8*	2517.6	2486.7	2371.3	2173.5	1951.0
32.5°	2937.9	2935.8	2871.9	2773.0	2676.2	*2626.8*	2610.3	2577.3	2466.1	2247.7	1998.4
35°	3096.5	3092.4	3059.4	2970.8	2869.9	*2752.4*	2721.5	2670.0	2567.0	2332.2	2045.8
37.5°	3310.8	3304.6	3240.7	3148.0	3057.4	*2888.4*	2853.4	2783.3	2663.9	2414.6	2099.4
40°	3555.9	3516.8	3411.7	3316.9	3193.3	*3014.1*	2985.3	2894.6	2775.1	2515.5	2161.2
42.5°	3778.4	3720.7	3584.8	3465.3	3310.8	*3162.4*	3125.3	3018.2	2882.2	2608.2	2225.0
45°	4112.2	3972.1	3776.4	3706.3	3438.5	*3302.5*	3271.6	3139.8	2999.7	2709.2	2288.9
47.5°	4071.0	3972.1	3908.2	3900.0	3572.4	*3455.0*	3409.7	3273.7	3125.3	2816.3	2354.8
50°	4151.3	4073.0	4077.2	3976.2	3694.0	*3584.8*	3551.8	3413.8	3253.1	2921.4	2424.9
52.5°	4134.8	4157.5	4145.2	3988.6	3811.4	*3720.7*	3696.0	3558.0	3374.6	3022.3	2486.7
55°	4266.7	4254.3	4227.6	4073.0	3941.2	*3848.5*	3827.9	3708.4	3498.2	3108.9	2540.2
57.5°	4363.5	4299.7	4297.6	4167.8	4085.4	*4009.2*	3976.2	3862.9	3613.6	3185.1	2581.4
60°	4303.8	4227.6	4283.2	4182.2	4174.0	*4145.2*	4126.6	3998.9	3716.6	3242.8	2597.9
62.5°	3984.5	4003.0	4167.8	4161.6	4270.8	*4297.6*	4277.0	4093.6	3784.6	3263.4	2585.6
65°	3562.1	3617.7	3871.1	4087.5	4384.1	*4476.8*	4456.2	4161.6	3778.4	3216.0	2503.2
67°	*3059.4*	*3119.2*	*3514.7*	*3908.2*	*4373.8*	*4571.6*	*4557.2*	*4211.1*	*3704.3*	*3094.4*	*2354.8*
67.5°	2948.2	3016.2	3411.7	3825.8	4336.8	*4563.4*	4553.1	4215.2	3679.5	3036.8	2297.1
70°	2169.4	2249.8	2808.1	3362.3	4040.1	*4324.4*	4322.3	4060.7	3424.1	2723.6	1992.2
72.5°	1351.5	1423.6	2002.5	2622.7	3500.3	*3850.5*	3836.1	3537.4	2948.2	2223.0	1571.9
75°	828.2	873.5	1260.9	1710.0	2538.2	*3117.1*	3137.7	2764.8	2010.8	1320.6	888.0
77.5°	506.8	556.3	795.2	1054.8	1551.3	*1938.7*	1942.8	1532.8	1032.2	719.0	486.2
80°	282.2	294.6	414.1	552.1	795.2	*799.4*	766.4	675.8	535.7	346.1	249.3
82.5°	111.3	119.5	179.2	222.5	226.6	*236.9*	220.4	199.8	168.9	111.3	78.3
85°	0.0	0.0	0.0	4.1	14.4	*28.8*	28.8	20.6	8.2	6.2	6.2
87.5°	0.0	0.0	0.0	2.1	2.1	*2.1*	2.1	2.1	2.1	2.1	2.1
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-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1689.4	1689.4	1689.4	1689.4	1689.4	1689.4	1689.4	1689.4	1689.4	1689.4	1689.4
2.5°	1687.3	1685.3	1670.8	1654.4	1642.0	1631.7	1621.4	1609.0	1609.0	1613.1	1611.1
5°	1683.2	1672.9	1646.1	1617.3	1594.6	1574.0	1555.5	1539.0	1536.9	1539.0	1541.0
7.5°	1685.3	1666.7	1625.5	1582.2	1545.2	1518.4	1491.6	1479.2	1477.2	1477.2	1477.2
10°	1693.5	1666.7	1611.1	1551.3	1506.0	1466.9	1438.0	1425.7	1427.7	1429.8	1431.8
12.5°	1707.9	1670.8	1600.8	1524.6	1466.9	1427.7	1398.9	1388.6	1396.8	1407.1	1409.2
15°	1722.3	1679.1	1590.5	1501.9	1436.0	1392.7	1372.1	1370.0	1384.5	1403.0	1407.1
17.5°	1738.8	1685.3	1578.1	1473.1	1403.0	1368.0	1357.7	1363.9	1386.5	1415.4	1421.5
20°	1755.3	1693.5	1563.7	1446.3	1372.1	1347.4	1353.6	1372.1	1400.9	1436.0	1442.1
22.5°	1771.8	1699.7	1545.2	1413.3	1339.1	1330.9	1353.6	1384.5	1413.3	1452.5	1460.7
25°	1790.3	1707.9	1522.5	1372.1	1306.2	1312.4	1351.5	1388.6	1419.5	1460.7	1471.0
27.5°	1819.2	1720.3	1499.8	1335.0	1269.1	1289.7	1341.2	1386.5	1419.5	1458.6	1471.0
30°	1848.0	1732.6	1481.3	1295.9	1232.0	1258.8	1320.6	1376.2	1409.2	1444.2	1460.7
32.5°	1881.0	1749.1	1464.8	1256.7	1190.8	1223.8	1291.8	1353.6	1392.7	1423.6	1440.1
35°	1916.0	1773.8	1452.5	1221.7	1149.6	1178.4	1248.5	1324.7	1363.9	1392.7	1407.1
37.5°	1961.3	1800.6	1444.2	1186.7	1106.3	1131.1	1203.2	1283.5	1328.8	1351.5	1370.0
40°	2010.8	1839.8	1444.2	1157.8	1065.1	1081.6	1155.8	1242.3	1287.6	1306.2	1324.7
42.5°	2060.2	1878.9	1442.1	1129.0	1021.9	1034.2	1108.4	1197.0	1240.2	1254.7	1269.1
45°	2117.9	1924.2	1440.1	1096.0	974.5	986.8	1063.1	1151.7	1192.9	1205.2	1217.6
47.5°	2179.7	1969.6	1431.8	1054.8	931.2	941.5	1017.7	1100.2	1141.4	1155.8	1168.1
50°	2235.3	2012.8	1411.2	1007.4	892.1	902.4	970.4	1038.3	1075.4	1091.9	1104.3
52.5°	2284.8	2043.7	1378.3	953.9	848.8	861.2	912.7	972.4	1001.3	1013.6	1021.9
55°	2323.9	2060.2	1324.7	902.4	807.6	813.8	855.0	908.6	931.2	933.3	939.5
57.5°	2350.7	2058.2	1252.6	842.6	766.4	768.5	797.3	844.7	861.2	859.1	863.2
60°	2356.9	2031.4	1166.1	787.0	725.2	719.0	747.9	780.8	791.1	799.4	809.7
62.5°	2332.2	1967.5	1067.2	731.4	684.0	673.7	694.3	723.1	739.6	743.7	747.9
65°	2241.5	1850.1	947.7	673.7	642.8	624.2	646.9	688.1	714.9	723.1	721.1
67°	*2082.9*	*1685.3*	*844.7*	*630.4*	*601.6*	*585.1*	*618.1*	*661.3*	*679.9*	*692.2*	*692.2*
67.5°	2031.4	1625.5	809.7	616.0	591.3	576.9	607.8	649.0	673.7	688.1	688.1
70°	1724.4	1333.0	684.0	543.9	531.5	533.6	570.7	616.0	646.9	661.3	661.3
72.5°	1314.4	1032.2	556.3	473.8	469.7	484.2	531.5	572.7	611.9	636.6	634.5
75°	745.8	595.4	405.9	387.3	403.8	432.6	492.4	537.7	572.7	597.5	595.4
77.5°	434.7	358.5	280.2	265.8	313.2	379.1	440.9	498.6	523.3	531.5	525.4
80°	220.4	187.5	175.1	181.3	210.1	282.2	385.3	453.2	471.8	478.0	471.8
82.5°	70.0	63.9	70.0	92.7	140.1	222.5	311.1	410.0	432.6	432.6	430.6
85°	4.1	4.1	4.1	41.2	96.8	164.8	243.1	358.5	405.9	401.7	395.6
87.5°	2.1	2.1	2.1	26.8	76.2	138.0	214.3	325.5	387.3	358.5	337.9
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-2

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-722-U-T4W

Data in this report applies to families of products including GKO-PB1E-722-U-T4W

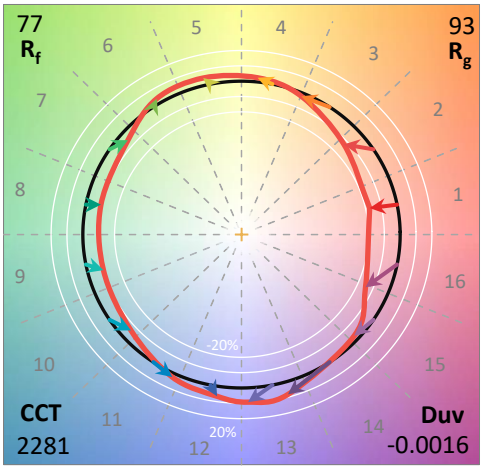
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-2
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-722-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2281	CRI (Ra):	70.6		
CIE u':	0.2851	R1:	68.4	R9:	-35.1
CIE v':	0.5324	R2:	88.7	R10:	78.0
Duv:	-0.0016	R3:	85.7	R11:	60.2
CIE x:	0.4942	R4:	63.2	R12:	73.8
CIE y:	0.4102	R5:	69.0	R13:	72.8
CIE z:	0.0956	R6:	88.6	R14:	92.4
Peak Wavelength (nm):	602	R7:	68.8	R15:	58.4
Dominant Wavelength (nm):	587	R8:	32.6		
Purity:	71.48321				
Rf:	76.9				
Rg:	92.6				



Test Conditions

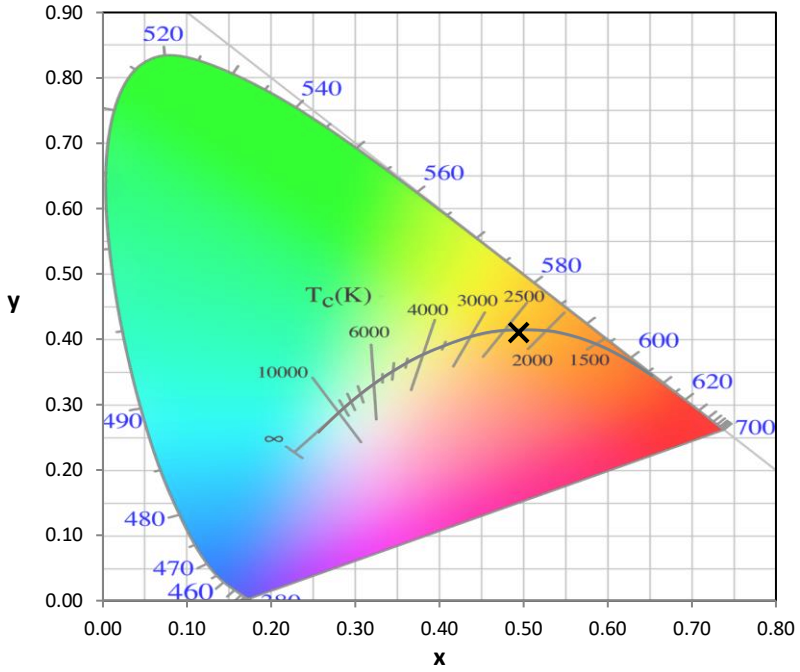
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

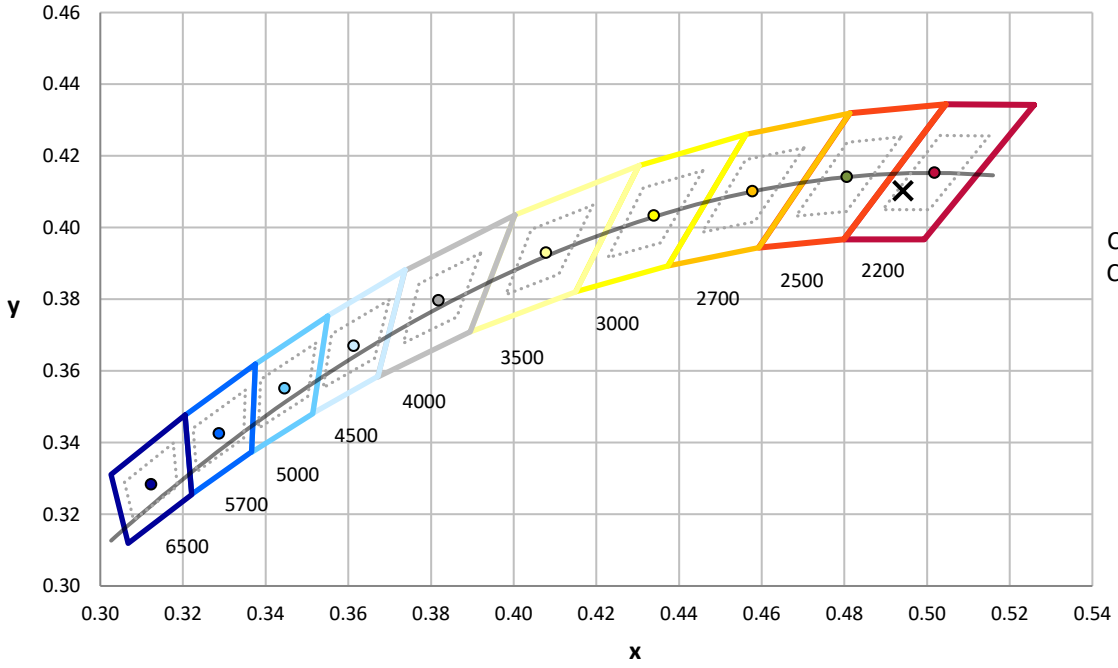
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-2

CIE 1931 Chromaticity Diagram



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

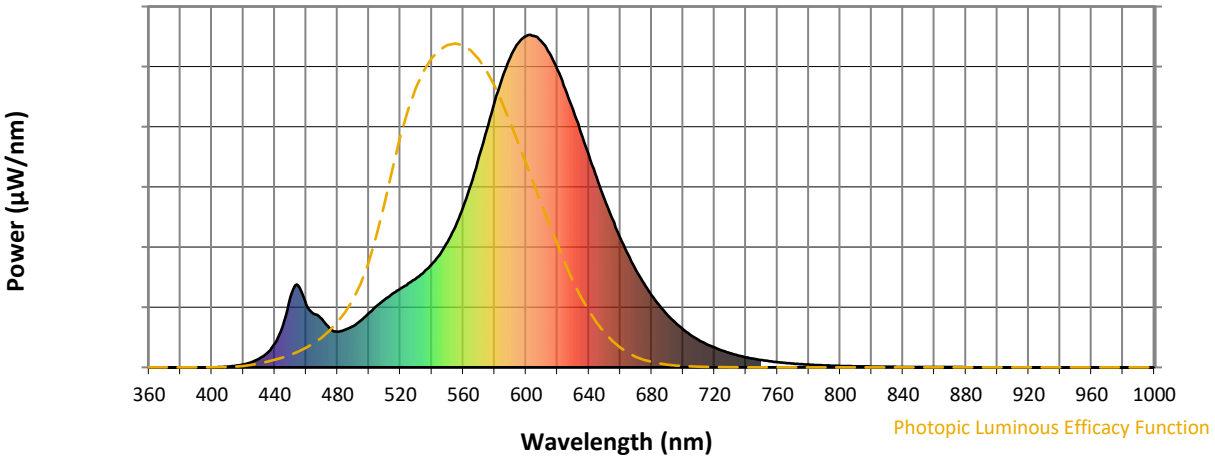


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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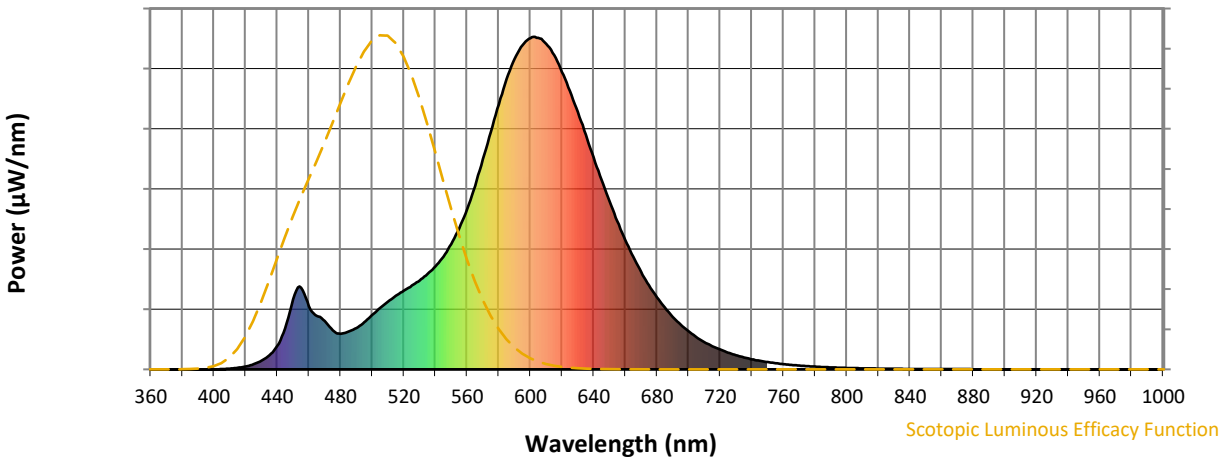
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 0.98**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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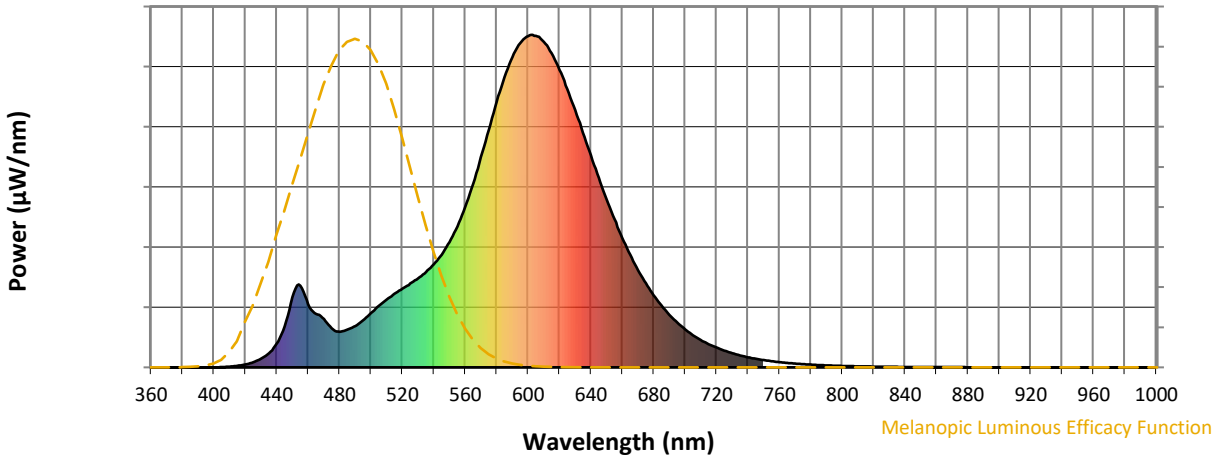
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.75**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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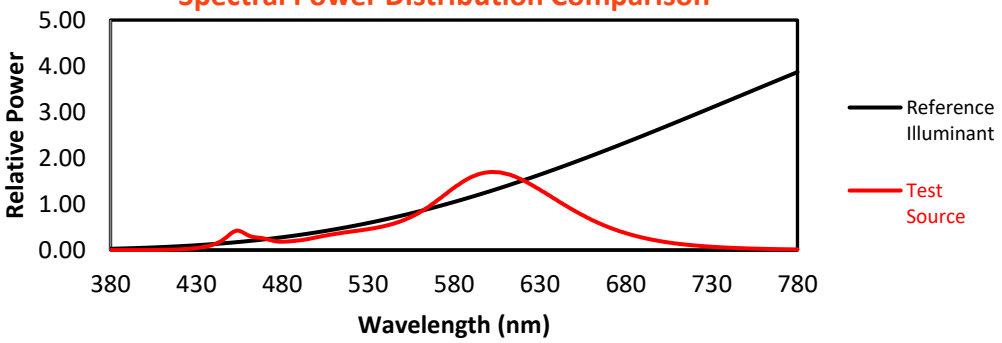
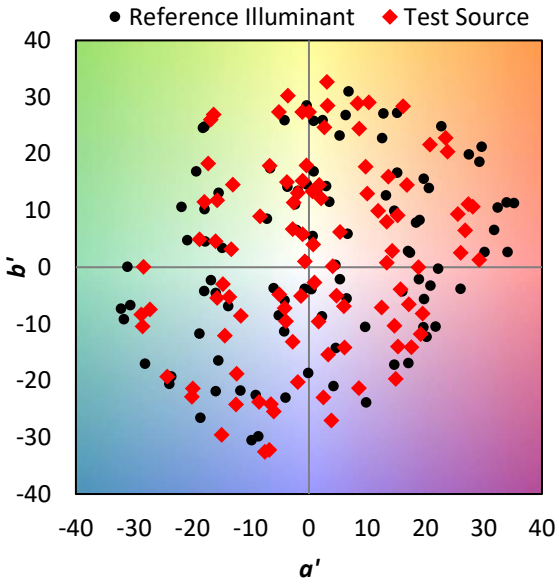
Summary

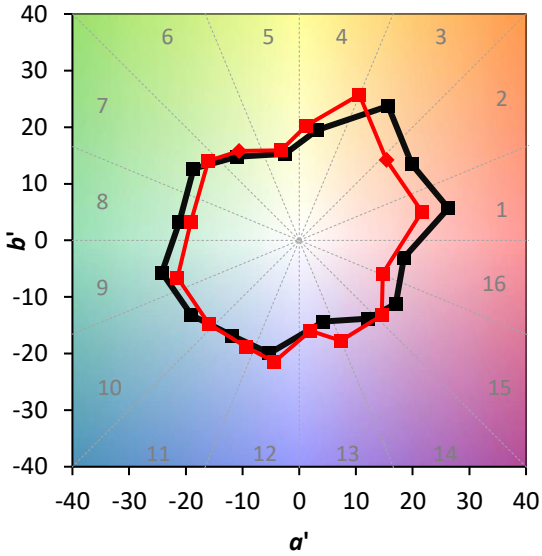
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

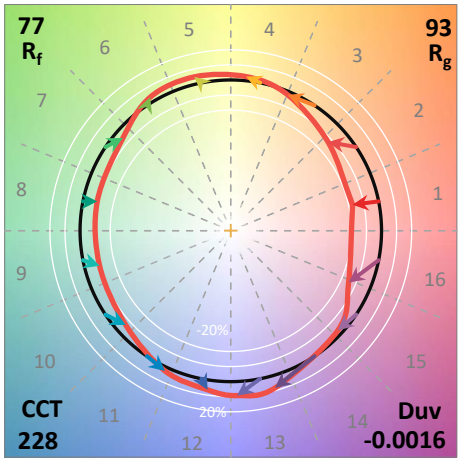
Spectral Power Distribution Comparison

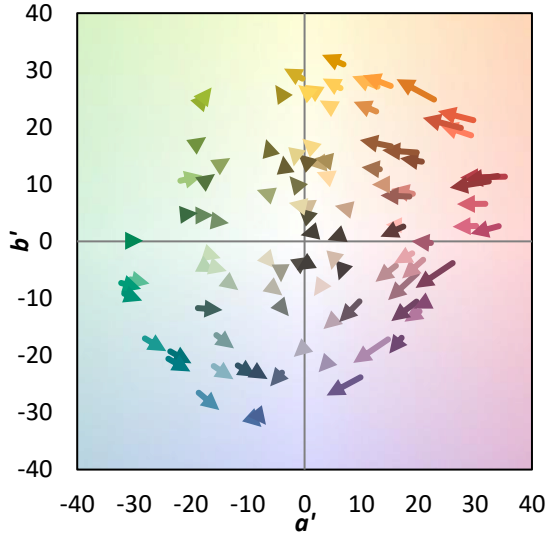


Color Vector Graphics









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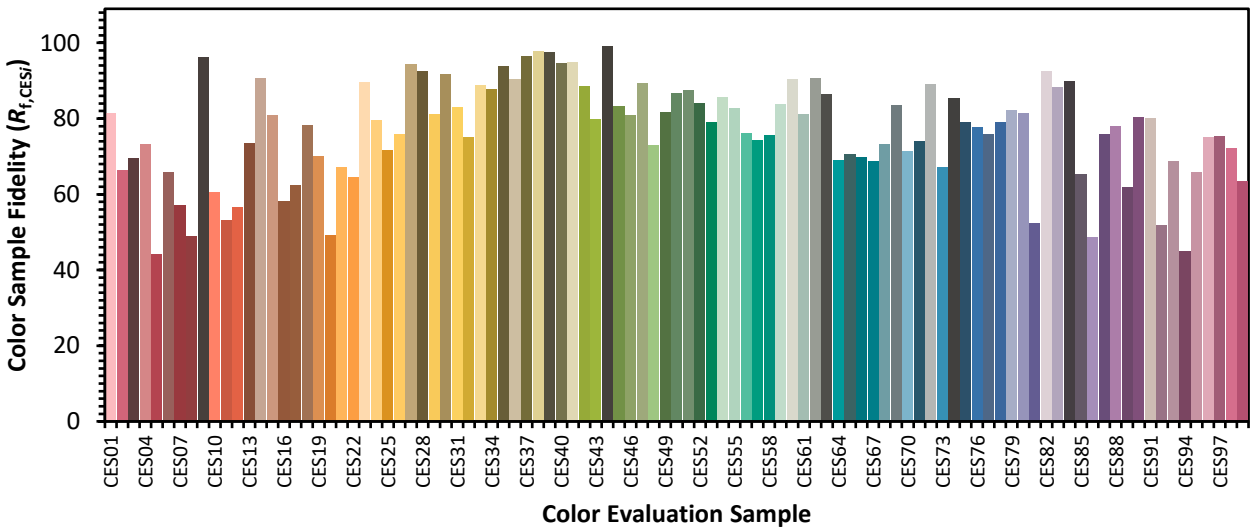
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 92
CES08 = 42	CES33 = 89	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 88	CES59 = 84	CES84 = 90
CES10 = 79	CES35 = 94	CES60 = 91	CES85 = 65
CES11 = 62	CES36 = 90	CES61 = 81	CES86 = 49
CES12 = 68	CES37 = 96	CES62 = 91	CES87 = 76
CES13 = 44	CES38 = 98	CES63 = 86	CES88 = 78
CES14 = 75	CES39 = 98	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 95	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 95	CES66 = 70	CES91 = 80
CES17 = 51	CES42 = 89	CES67 = 69	CES92 = 52
CES18 = 57	CES43 = 80	CES68 = 73	CES93 = 69
CES19 = 74	CES44 = 99	CES69 = 84	CES94 = 45
CES20 = 68	CES45 = 83	CES70 = 71	CES95 = 66
CES21 = 88	CES46 = 81	CES71 = 74	CES96 = 75
CES22 = 81	CES47 = 89	CES72 = 89	CES97 = 75
CES23 = 92	CES48 = 73	CES73 = 67	CES98 = 72
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 64
CES25 = 73	CES50 = 87	CES75 = 79	



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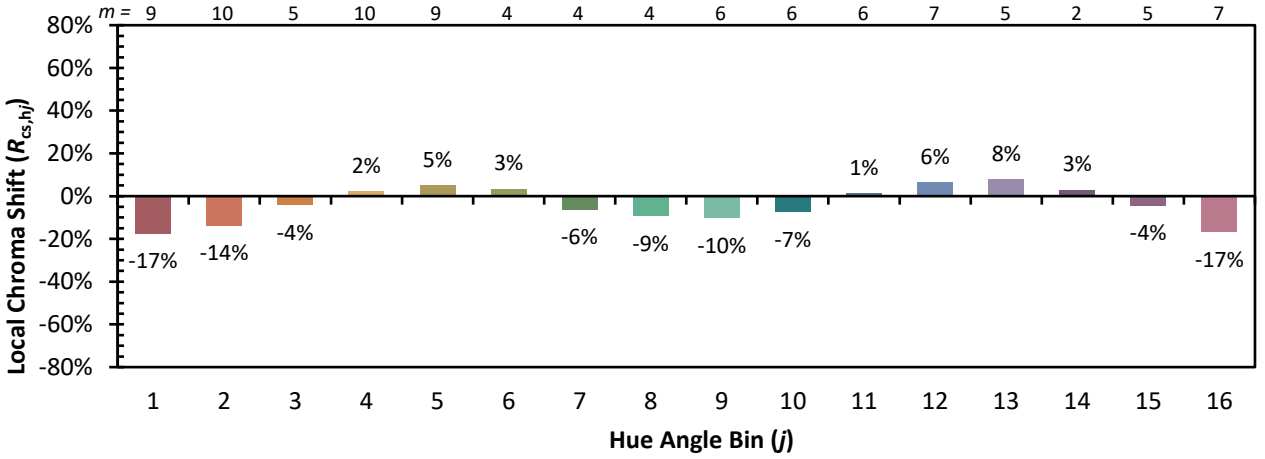
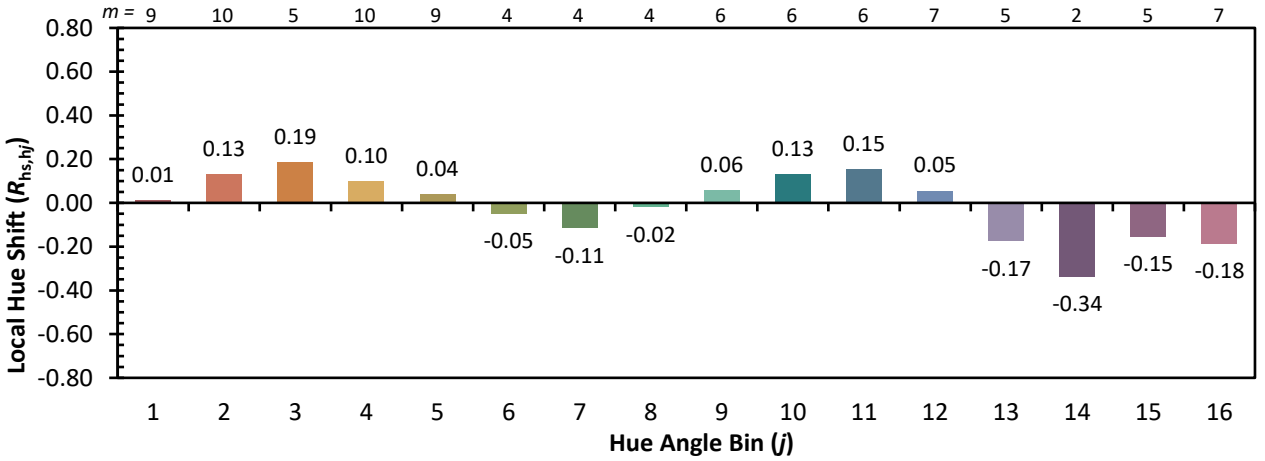
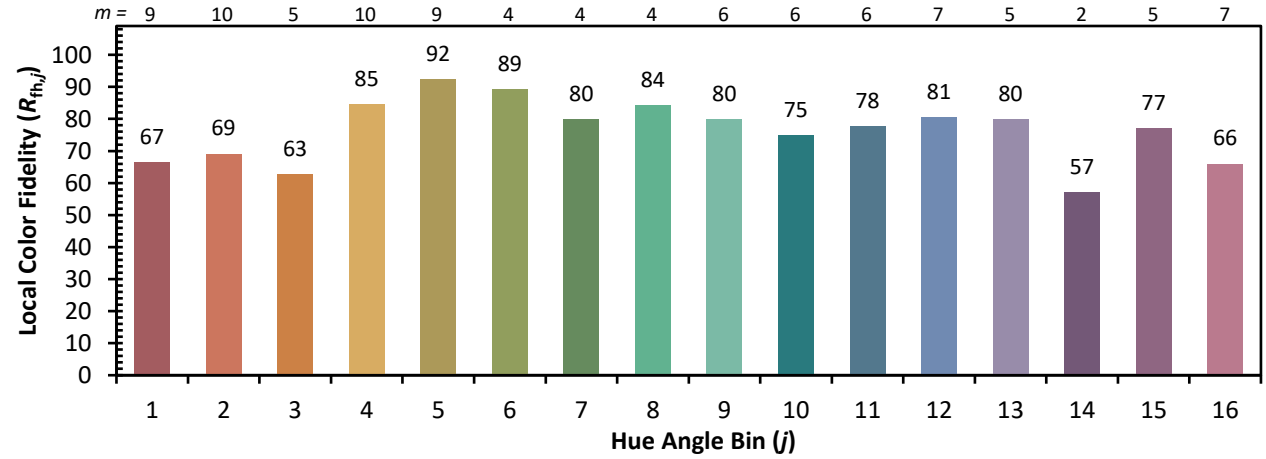
Color Rendition by Hue-Angle Bin







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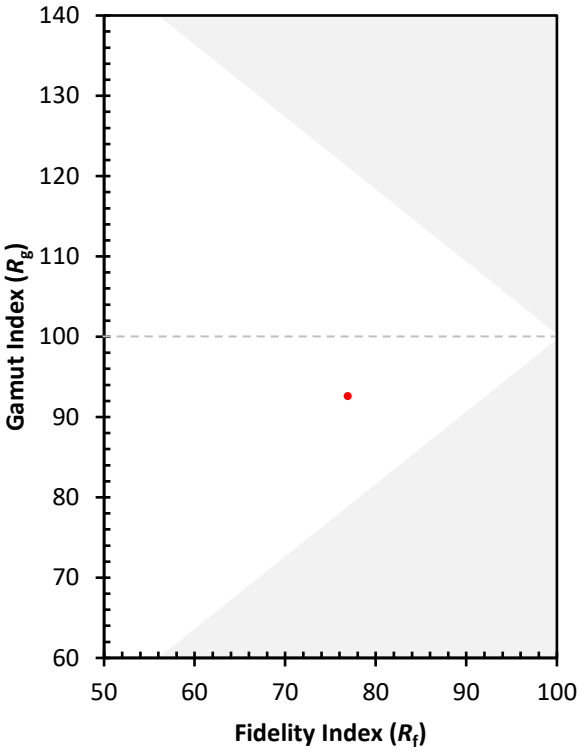
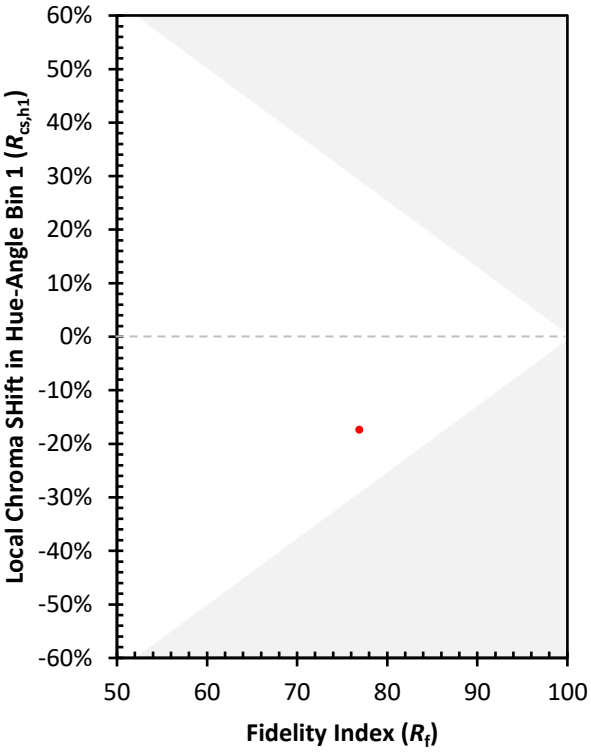
Measure Comparisons





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