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: P972247

Luminaire Tested: **GKO-PB2E-722-U-T3**

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:	P972247
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-T3
Description:	GEKKO WALL PACK 12000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10612.7 lumens
Efficiency:	N/A
Efficacy:	101.4 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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REPORT NUMBER: P972247
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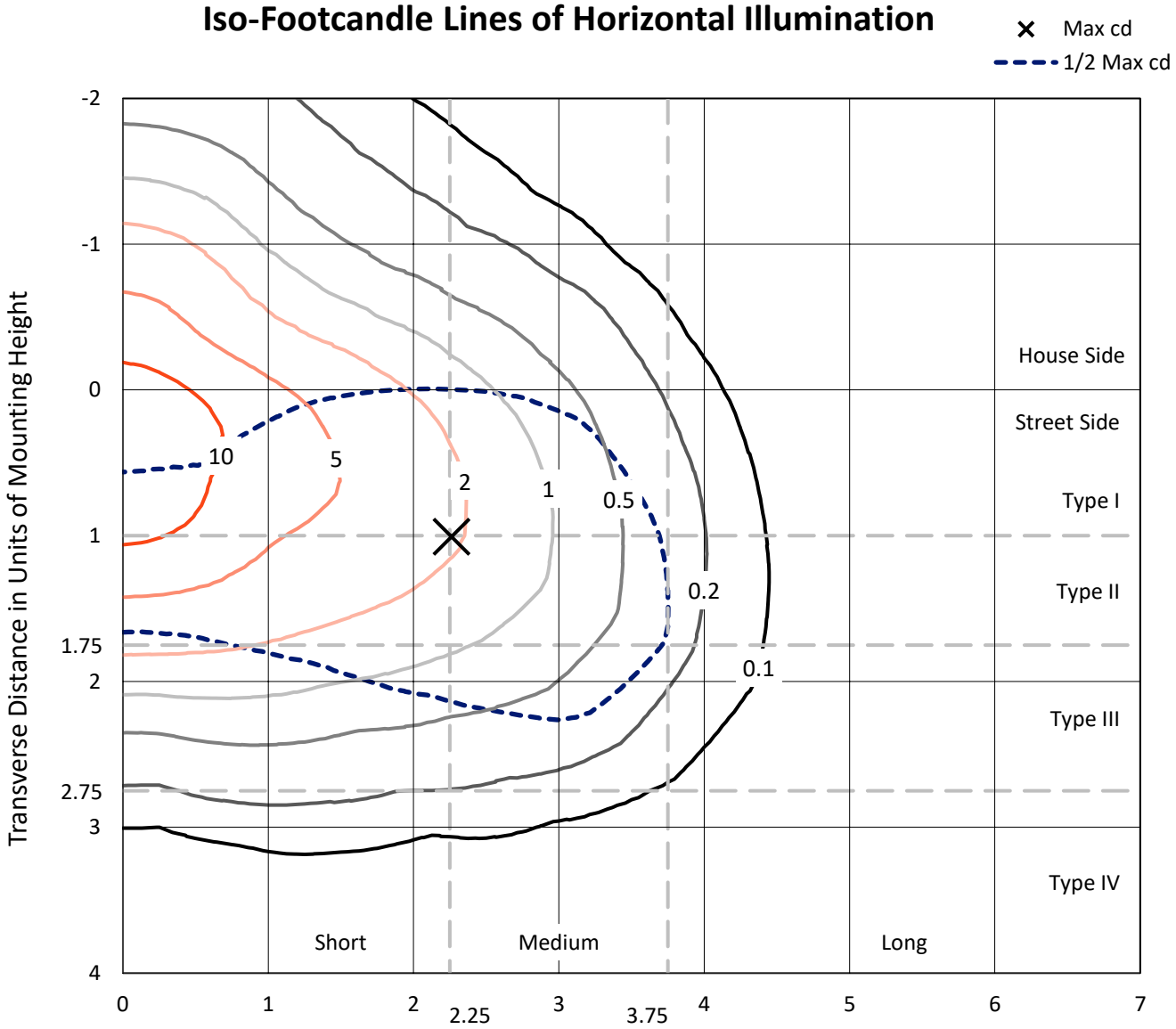
Iso-Footcandle Lines of Horizontal Illumination



Based on 12 foot mounting height. Maximum calculated value = 14.2 fc
Type III - Medium - N/A

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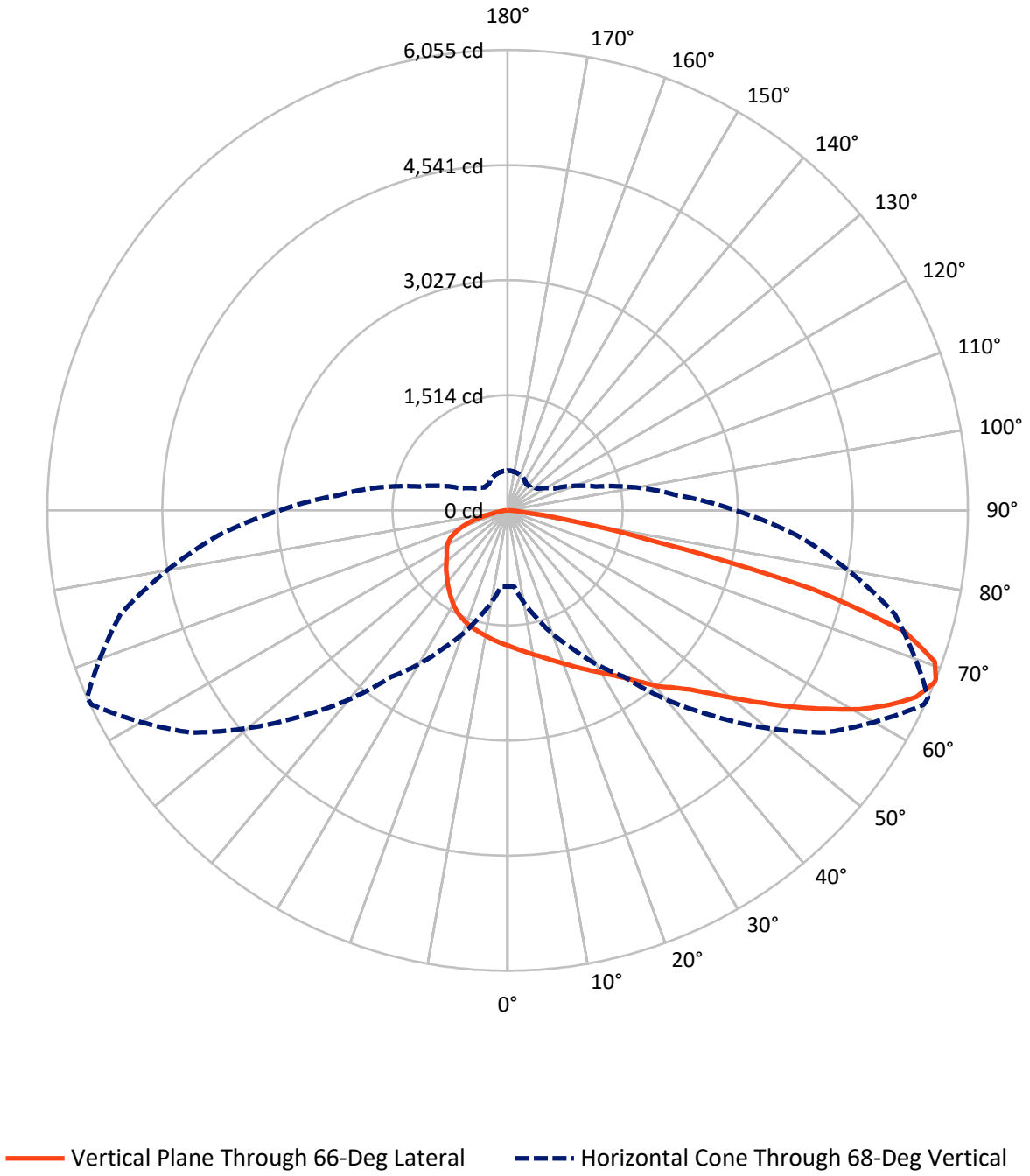
Luminous Intensity Polar Plot



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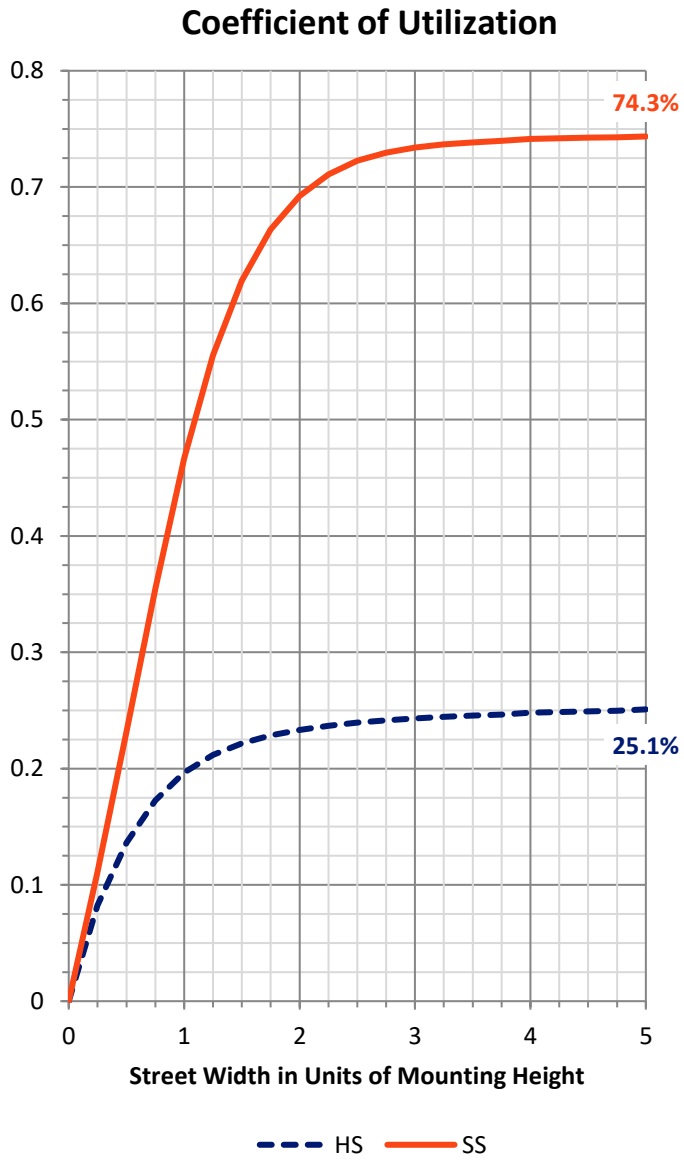
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2717.0	0.0	2717.0
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	7895.7	0.0	7895.7
	% Fixture	74.4	0.0	74.4
Total	Lumens	10612.7	0.0	10612.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.7	1.6
10°-20°	513.3	4.8
20°-30°	884.5	8.3
30°-40°	1372.0	12.9
40°-50°	1879.6	17.7
50°-60°	2242.2	21.1
60°-70°	2246.7	21.2
70°-80°	1188.9	11.2
80°-90°	114.7	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°	10612.7	100.0
0°-180°	10612.7	100.0



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REPORT NUMBER: P972247
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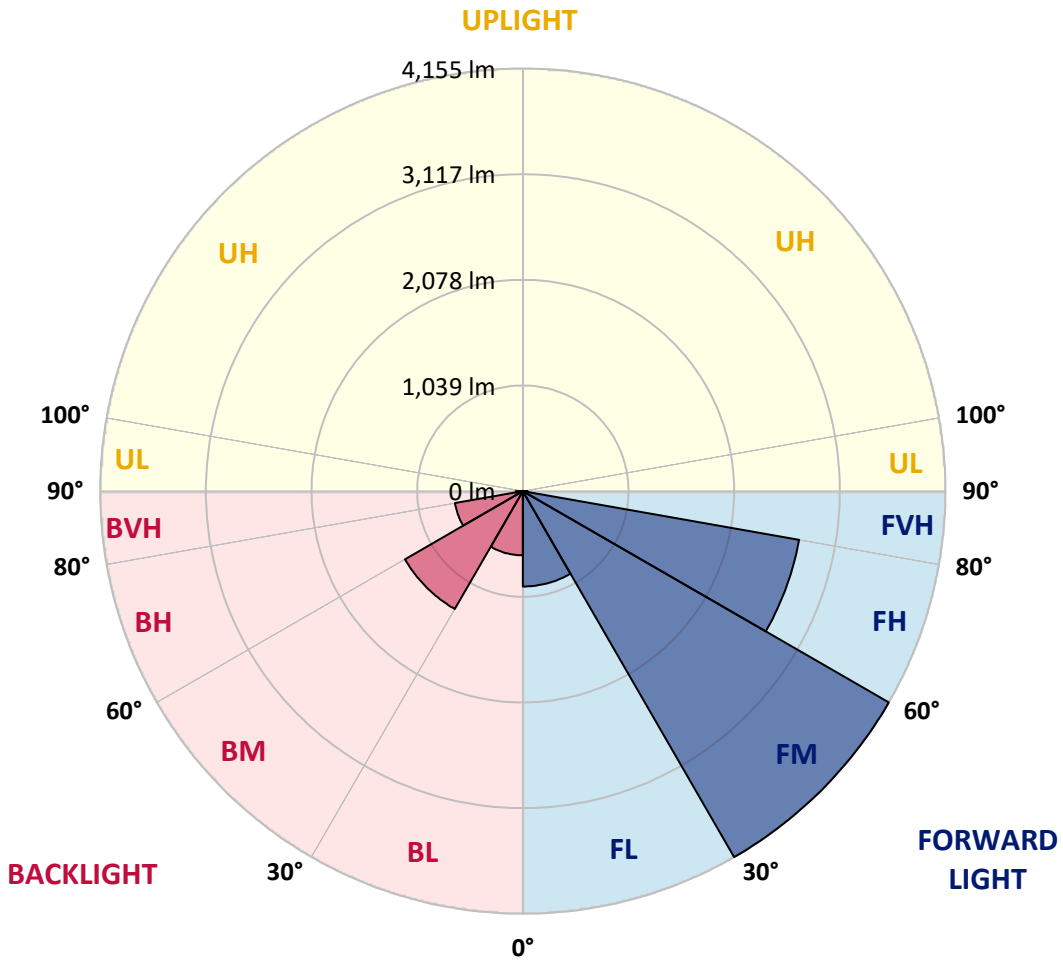
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	937.4	8.8			
FM	(30°-60°)	4155.4	39.2			
FH	(60°-80°)	2757.8	26.0			G2/5000
FVH	(80°-90°)	45.1	0.4			G1/100
BL	(0°-30°)	631.1	5.9	B2/1000		
BM	(30°-60°)	1338.4	12.6	B2/2500		
BH	(60°-80°)	677.9	6.4	B2/1000		G2/1000
BVH	(80°-90°)	69.6	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°	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0	*1780.0*	1780.0	1780.0
2.5°	1854.1	1854.1	1850.0	1848.0	1845.9	1833.5	1825.3	1815.0	*1815.0*	1798.5	1784.1
5°	1918.0	1920.1	1911.8	1911.8	1903.6	1887.1	1870.6	1850.0	*1850.0*	1825.3	1796.5
7.5°	1973.6	1979.8	1971.6	1971.6	1963.3	1944.8	1918.0	1889.2	*1889.2*	1854.1	1812.9
10°	2027.2	2031.3	2027.2	2031.3	2019.0	2002.5	1971.6	1932.4	*1930.4*	1887.1	1829.4
12.5°	2070.5	2074.6	2076.6	2082.8	2072.5	2060.2	2031.3	1981.9	*1975.7*	1924.2	1850.0
15°	2111.7	2115.8	2122.0	2130.2	2128.2	2117.8	2091.1	2035.4	*2031.3*	1965.4	1876.8
17.5°	2144.6	2146.7	2159.1	2175.5	2179.7	2181.7	2152.9	2095.2	*2091.1*	2012.8	1905.7
20°	2192.0	2196.1	2208.5	2225.0	2237.3	2245.6	2222.9	2159.1	*2154.9*	2068.4	1942.7
22.5°	2299.1	2293.0	2299.1	2299.1	2305.3	2317.7	2301.2	2237.3	*2229.1*	2134.3	1988.1
25°	2501.0	2494.9	2478.4	2441.3	2400.1	2398.0	2379.5	2317.7	*2307.4*	2202.3	2031.3
27.5°	2783.3	2768.9	2738.0	2659.7	2560.8	2496.9	2468.1	2404.2	*2391.9*	2270.3	2072.5
30°	3082.0	3098.5	3047.0	2939.9	2758.6	2622.6	2567.0	2494.9	*2484.6*	2346.5	2122.0
32.5°	3430.2	3432.2	3380.7	3232.4	2997.5	2781.2	2686.5	2597.9	*2589.6*	2435.1	2187.9
35°	3632.1	3640.3	3617.6	3479.6	3211.8	2956.3	2830.7	2723.5	*2717.4*	2546.4	2270.3
37.5°	3842.2	3860.7	3825.7	3673.3	3374.5	3119.1	2991.4	2873.9	*2867.7*	2674.1	2373.3
40°	4153.3	4145.1	4108.0	3883.4	3527.0	3255.1	3150.0	3057.3	*3042.9*	2830.7	2478.4
42.5°	4377.8	4398.5	4318.1	4064.7	3693.9	3391.0	3308.6	3203.6	*3185.0*	2925.4	2540.2
45°	4454.1	4435.5	4346.9	4161.5	3912.3	3514.6	3459.0	3378.7	*3360.1*	3092.3	2661.7
47.5°	4470.6	4437.6	4359.3	4219.2	4097.7	3675.3	3642.4	3623.8	*3597.0*	3302.4	2808.0
50°	4369.6	4346.9	4309.9	4239.8	4217.2	3825.7	3842.2	3910.2	*3887.5*	3529.1	2970.8
52.5°	4140.9	4130.6	4163.6	4208.9	4149.2	3955.5	4079.1	4217.2	*4208.9*	3778.3	3145.9
55°	3710.4	3710.4	3895.8	4054.4	4089.4	4040.0	4334.6	4571.5	*4561.2*	4058.5	3312.7
57.5°	3316.9	3323.0	3477.6	3834.0	3982.3	4130.6	4618.9	4942.3	*4925.9*	4373.7	3487.9
60°	2820.4	2820.4	3055.2	3502.3	3827.8	4200.7	4870.2	5300.8	*5311.1*	4678.6	3660.9
62.5°	2233.2	2239.4	2564.9	3090.2	3605.3	4213.0	5070.1	5638.7	*5636.6*	4954.7	3794.8
65°	1646.1	1648.1	2091.1	2632.9	3271.5	4126.5	5179.3	5898.3	*5910.6*	5173.1	3873.1
67.5°	1069.2	1089.8	1538.9	2136.4	2799.8	3881.4	5121.6	6036.3	*6050.7*	5274.0	3848.4
68°	*1001.2*	*1005.4*	*1456.5*	*2000.4*	*2672.0*	*3819.5*	*5094.8*	*6042.5*	*6054.8*	*5272.0*	*3823.7*
70°	649.0	649.0	1042.4	1561.6	2132.3	3434.3	4862.0	5945.6	*5960.1*	5181.3	3644.4
72.5°	350.2	356.4	595.4	945.6	1456.5	2657.6	4388.2	5440.9	*5465.6*	4684.8	3187.1
75°	245.2	249.3	346.1	529.5	793.2	1730.5	3430.2	4157.4	*4153.3*	3236.5	1996.3
77.5°	177.2	177.2	197.8	329.6	416.2	791.1	1697.6	2002.5	*1979.8*	1580.1	1007.4
80°	115.4	115.4	123.6	173.1	199.8	241.0	519.2	867.3	*883.8*	770.5	502.7
82.5°	47.4	49.4	53.6	70.0	72.1	100.9	148.3	249.3	*241.0*	195.7	142.2
85°	6.2	6.2	8.2	10.3	12.4	22.7	20.6	20.6	*20.6*	24.7	22.7
87.5°	0.0	0.0	0.0	0.0	0.0	2.1	4.1	6.2	*6.2*	8.2	6.2
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-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0	1780.0
2.5°	1780.0	1780.0	1767.6	1755.3	1742.9	1732.6	1718.2	1707.9	1709.9	1716.1	1714.1
5°	1790.3	1780.0	1755.3	1728.5	1707.9	1689.3	1662.6	1648.1	1646.1	1650.2	1648.1
7.5°	1796.5	1780.0	1742.9	1701.7	1668.7	1644.0	1606.9	1592.5	1586.3	1588.4	1588.4
10°	1808.8	1782.0	1730.5	1672.9	1631.7	1596.6	1557.5	1536.9	1530.7	1530.7	1528.6
12.5°	1823.2	1786.2	1718.2	1648.1	1594.6	1553.4	1508.0	1485.4	1479.2	1479.2	1477.1
15°	1837.7	1792.3	1705.8	1621.3	1559.5	1510.1	1466.8	1440.1	1431.8	1431.8	1435.9
17.5°	1856.2	1798.5	1693.5	1596.6	1522.5	1466.8	1421.5	1394.7	1384.4	1390.6	1394.7
20°	1874.7	1810.9	1681.1	1569.8	1485.4	1427.7	1382.4	1355.6	1345.3	1355.6	1357.6
22.5°	1901.5	1821.2	1666.7	1538.9	1448.3	1384.4	1343.2	1318.5	1312.3	1322.6	1330.9
25°	1928.3	1833.5	1648.1	1506.0	1400.9	1339.1	1306.1	1287.6	1289.7	1304.1	1312.3
27.5°	1957.2	1843.8	1629.6	1464.8	1349.4	1291.7	1267.0	1262.9	1271.1	1287.6	1297.9
30°	1992.2	1858.3	1604.9	1417.4	1291.7	1240.2	1229.9	1242.3	1256.7	1273.2	1283.5
32.5°	2037.5	1876.8	1580.1	1363.8	1232.0	1184.6	1201.1	1227.9	1244.3	1260.8	1271.1
35°	2101.4	1913.9	1565.7	1310.3	1168.1	1137.2	1174.3	1217.6	1229.9	1240.2	1252.6
37.5°	2175.5	1963.3	1559.5	1260.8	1110.4	1096.0	1147.5	1199.0	1203.1	1207.3	1219.6
40°	2247.6	2000.4	1543.1	1207.3	1050.7	1050.7	1114.5	1164.0	1161.9	1155.8	1164.0
42.5°	2276.5	1996.3	1495.7	1155.8	1003.3	1005.4	1063.0	1110.4	1098.1	1098.1	1110.4
45°	2358.9	2029.3	1460.7	1114.5	960.0	951.8	997.1	1034.2	1054.8	1081.6	1093.9
47.5°	2464.0	2074.6	1433.9	1067.2	918.8	892.1	916.8	978.6	1013.6	1042.4	1052.7
50°	2573.1	2126.1	1409.2	1017.7	877.6	824.1	836.4	904.4	935.3	949.7	955.9
52.5°	2684.4	2173.5	1390.6	976.5	830.2	743.7	770.5	834.4	857.0	865.3	869.4
55°	2783.3	2212.6	1374.1	941.5	776.7	679.9	700.5	766.4	782.9	791.1	797.3
57.5°	2888.4	2255.9	1363.8	908.5	716.9	624.2	638.7	698.4	721.1	729.3	735.5
60°	2981.1	2297.1	1355.6	873.5	661.3	574.8	583.0	640.7	665.4	669.6	675.7
62.5°	3042.9	2323.9	1343.2	830.2	609.8	527.4	529.5	585.1	611.9	616.0	620.1
65°	3059.3	2317.7	1306.1	772.6	558.3	480.0	480.0	533.6	562.4	576.8	583.0
67.5°	3009.9	2266.2	1227.9	698.4	508.9	436.8	436.8	484.1	515.0	531.5	537.7
68°	*2993.4*	*2243.5*	*1203.1*	*679.9*	*496.5*	*426.5*	*426.5*	*475.9*	*504.7*	*519.2*	*523.3*
70°	2853.3	2132.3	1089.8	609.8	457.4	395.6	395.6	438.8	469.7	469.7	467.7
72.5°	2478.4	1848.0	896.2	510.9	399.7	350.2	356.4	397.6	407.9	418.2	416.2
75°	1534.8	1106.3	601.6	403.8	335.8	307.0	319.3	356.4	362.6	385.3	379.1
77.5°	768.4	541.8	319.3	234.9	259.6	263.7	286.4	313.1	331.7	356.4	339.9
80°	379.1	263.7	187.5	146.3	152.5	193.7	249.3	269.9	302.8	319.3	304.9
82.5°	105.1	80.3	76.2	80.3	113.3	150.4	195.7	239.0	282.2	296.7	276.1
85°	18.5	14.4	12.4	39.1	78.3	111.2	158.6	212.2	253.4	243.1	228.7
87.5°	6.2	4.1	4.1	24.7	57.7	90.6	136.0	189.5	216.3	195.7	175.1
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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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

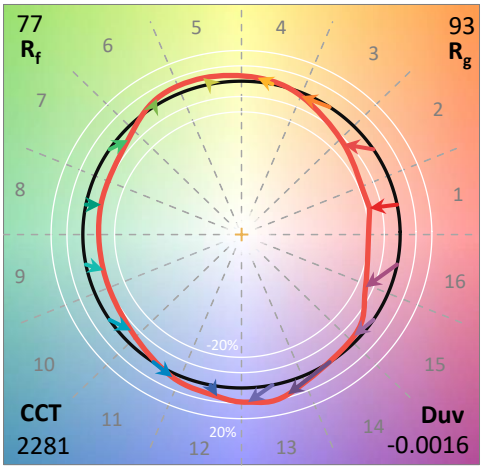
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

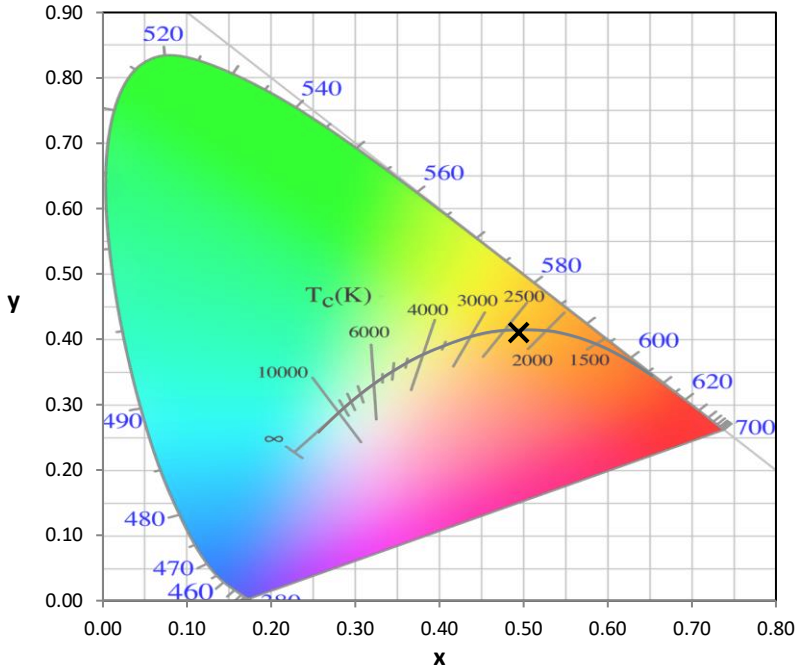
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

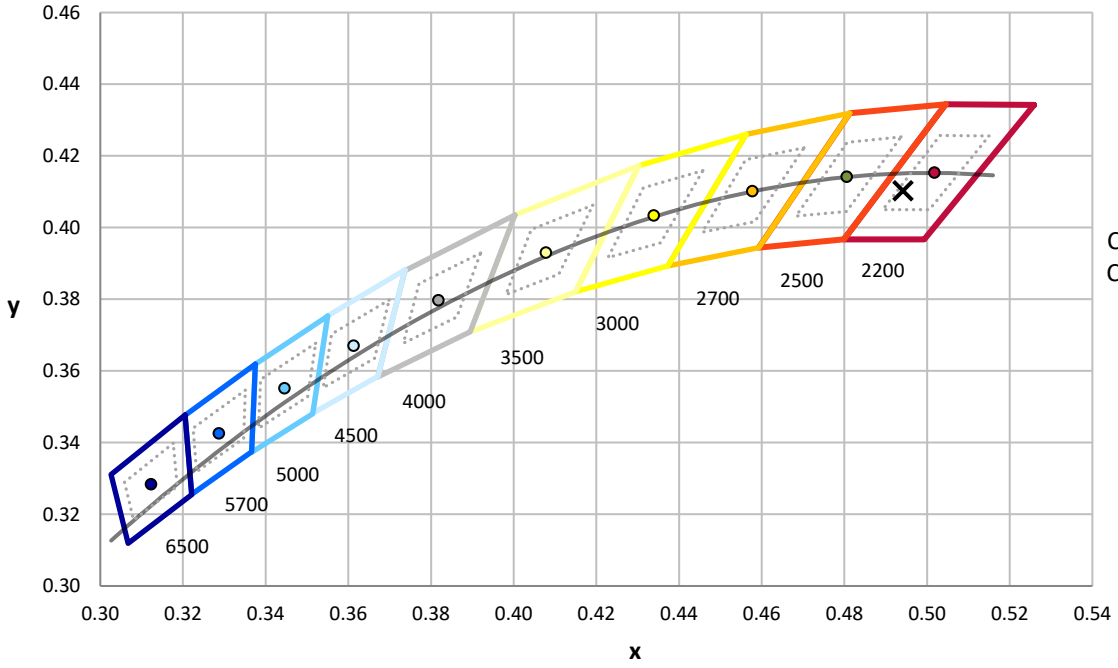
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

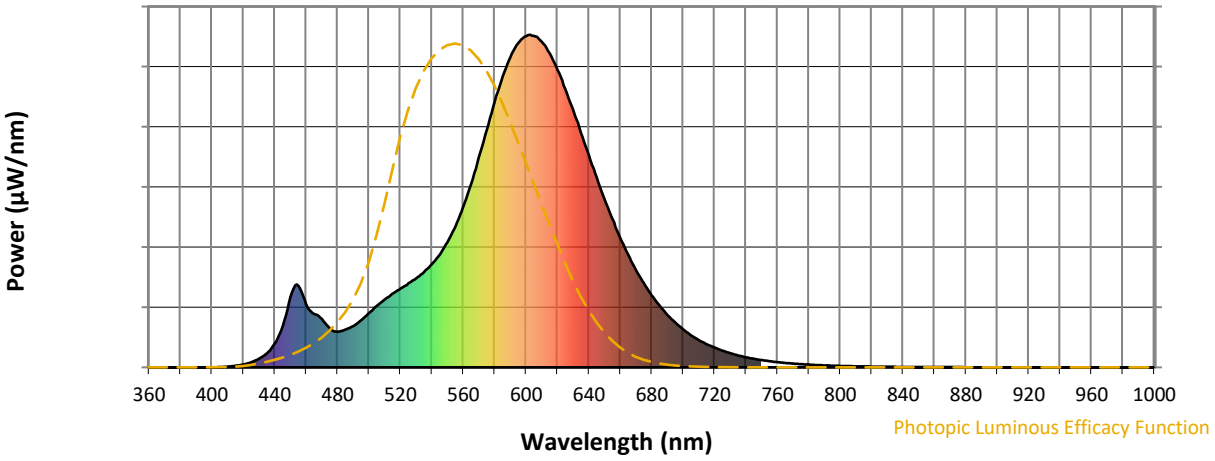


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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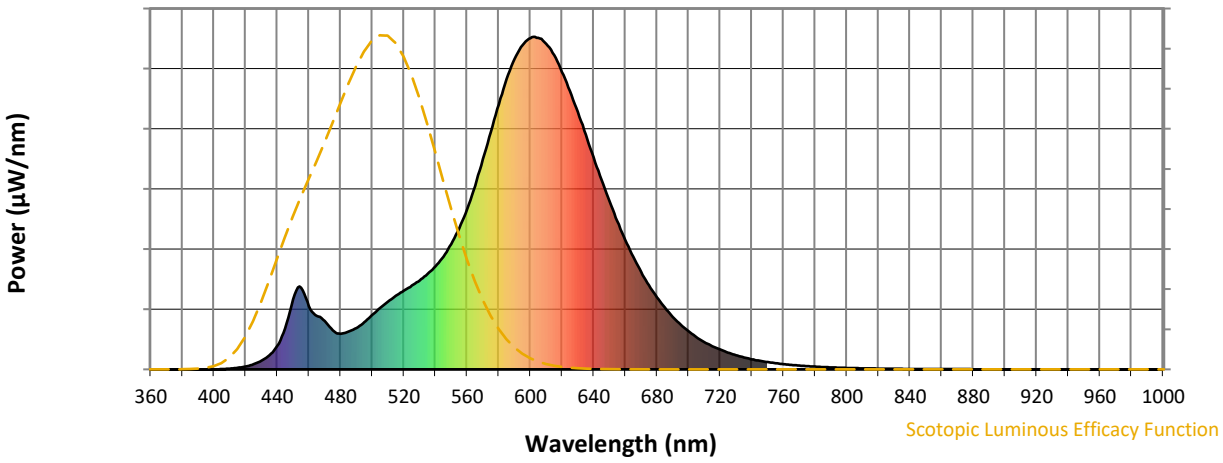
Scotopic Flux vs. Wavelength



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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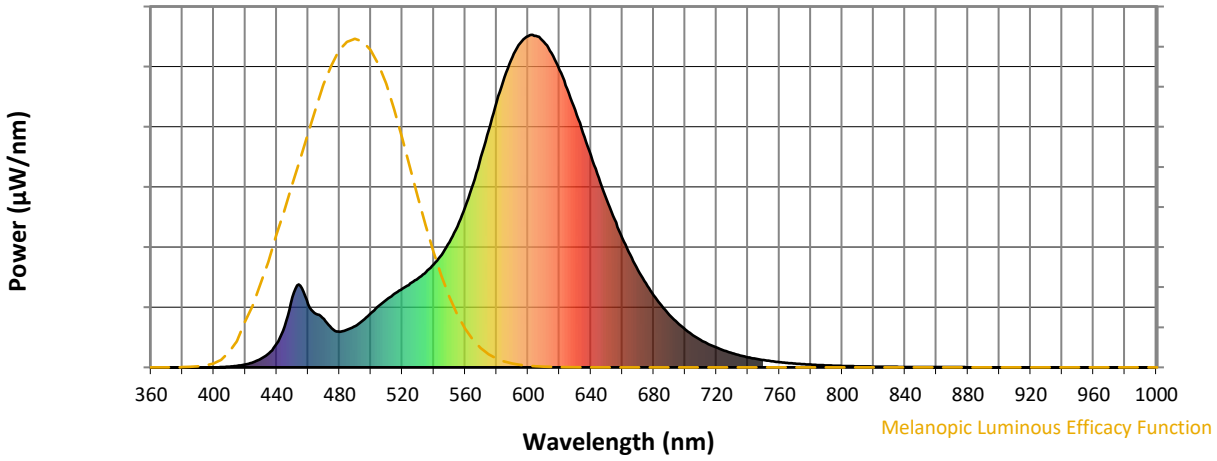
Melanopic Flux vs. Wavelength



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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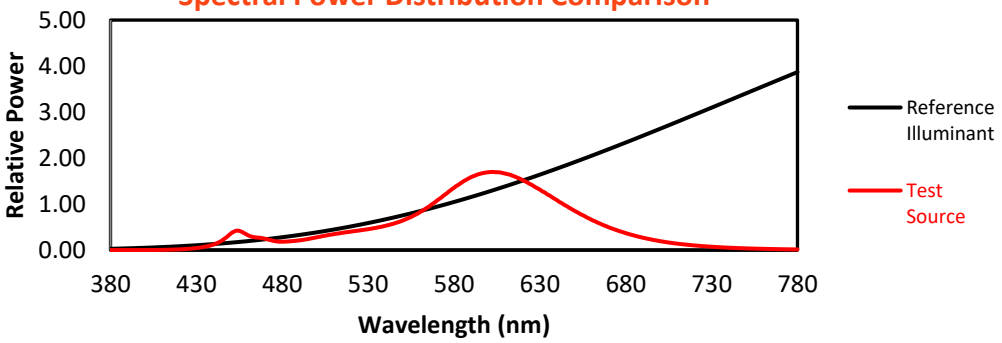
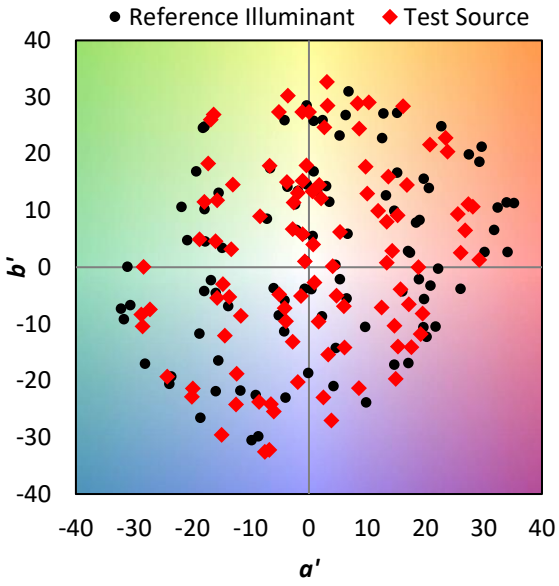
Summary

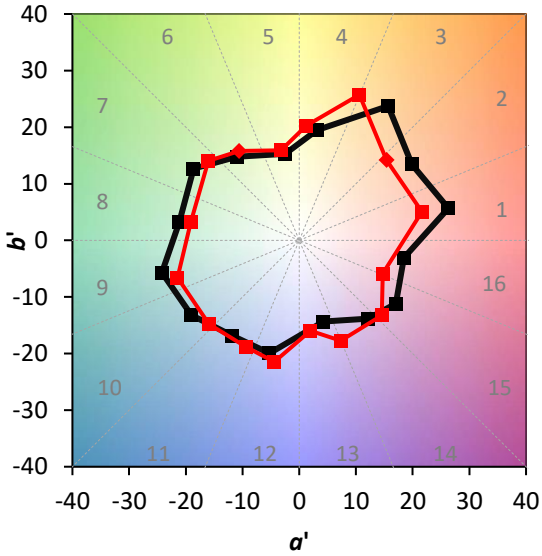
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

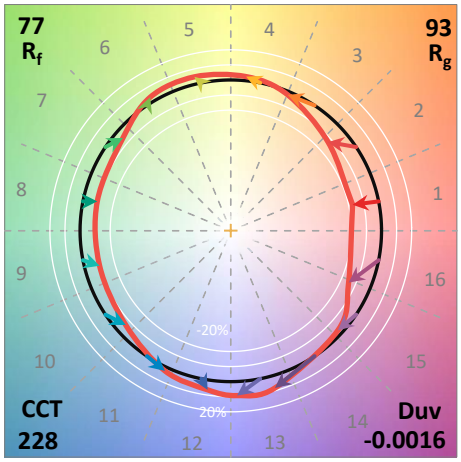
Spectral Power Distribution Comparison

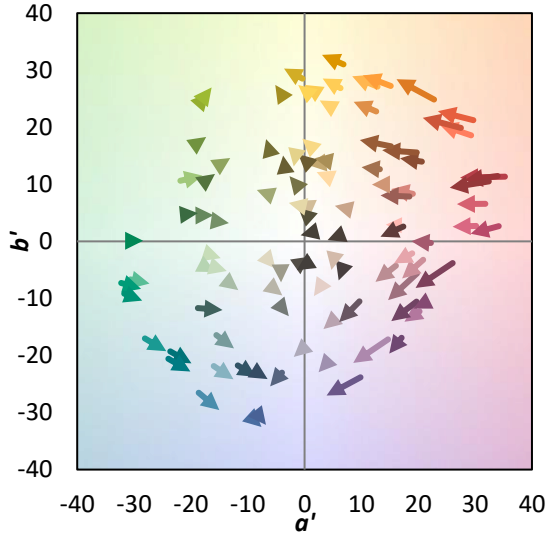


Color Vector Graphics









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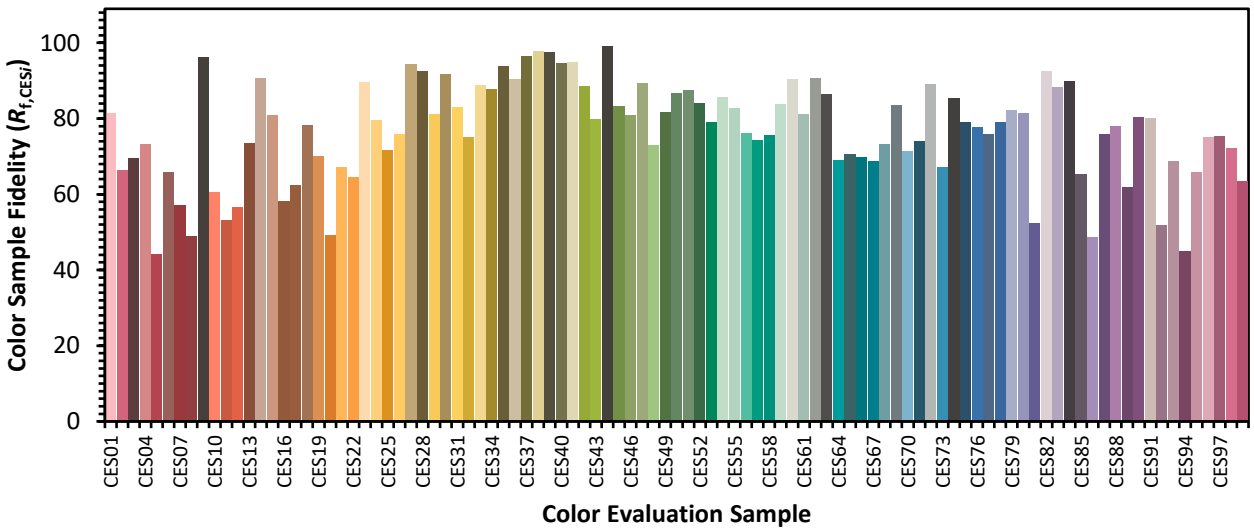
Individual Sample Fidelity Index ($R_{f,i}$)

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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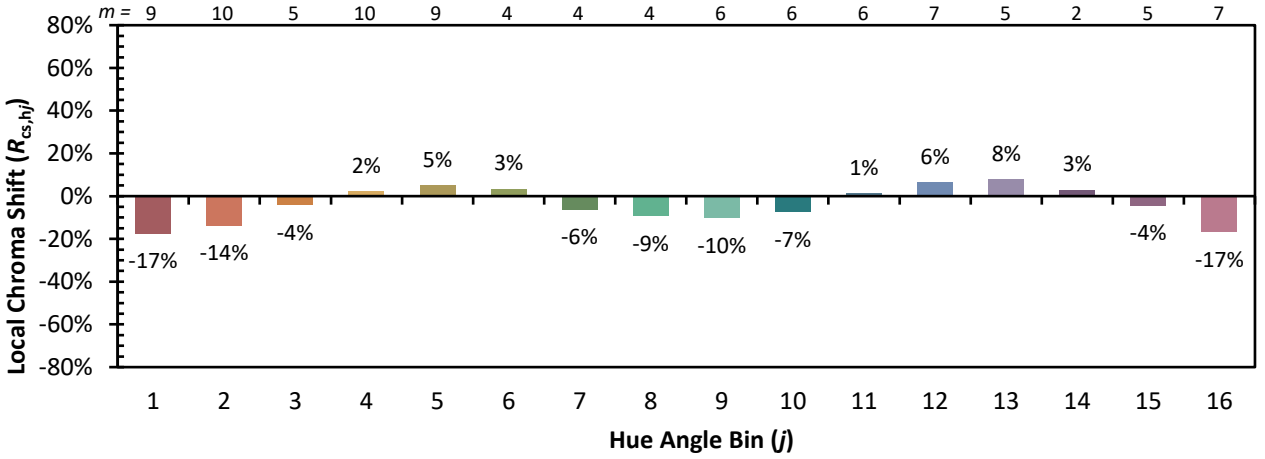
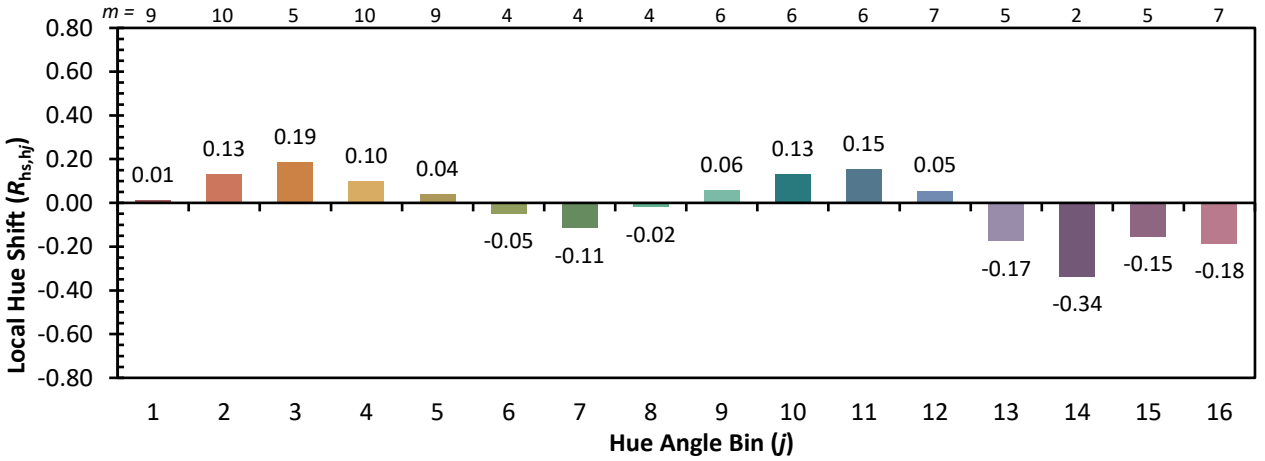
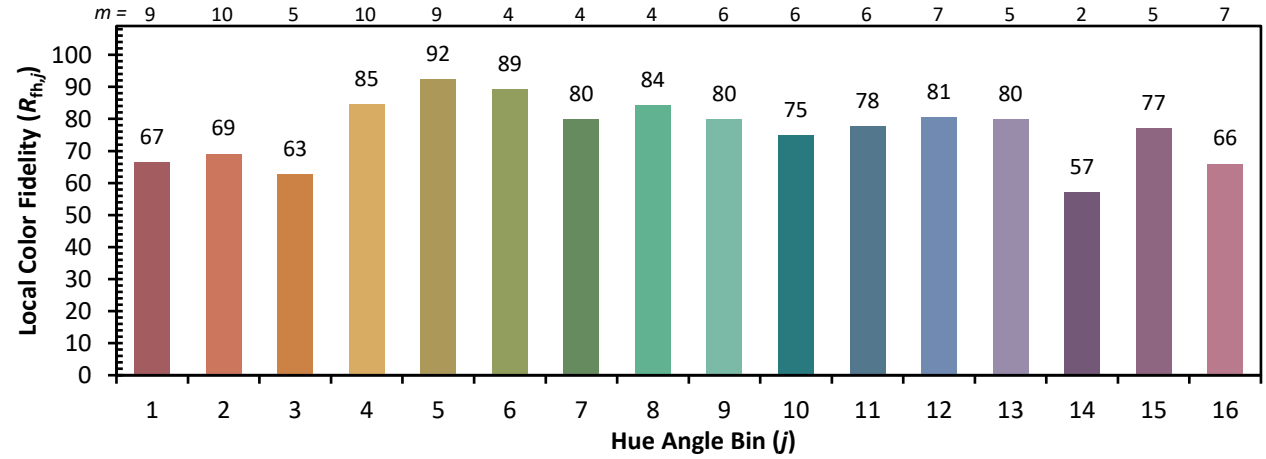
Color Rendition by Hue-Angle Bin







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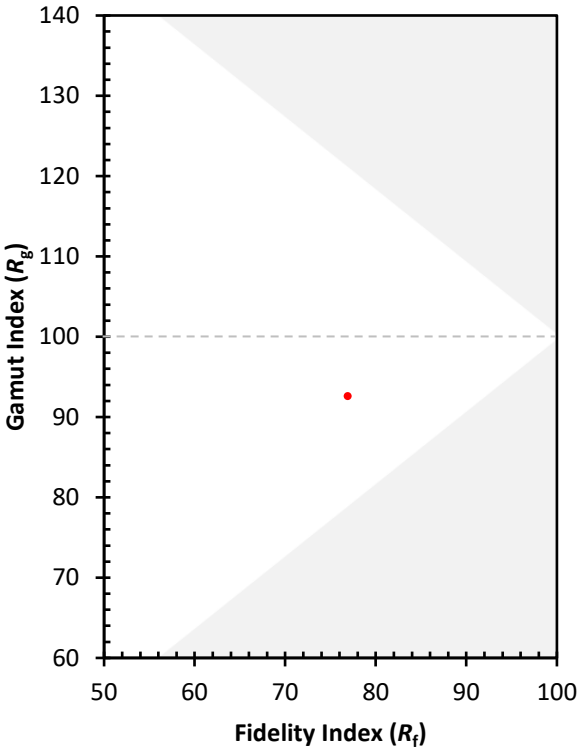
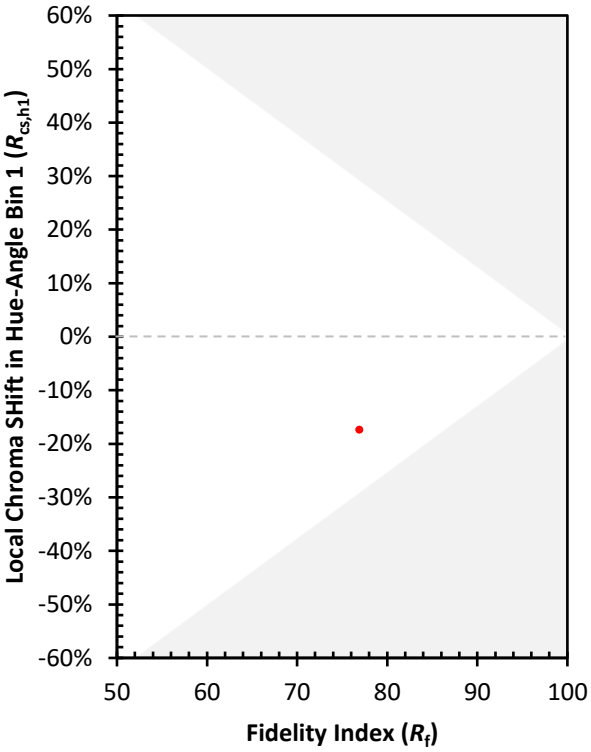
Measure Comparisons





(END OF REPORT)