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: P972348

Luminaire Tested: **GKO-PB2D-722-U-T2U**

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:	P972348
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2D-722-U-T2U
Description:	GEKKO WALL PACK 10000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8633.5 lumens
Efficiency:	N/A
Efficacy:	113.3 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):	76.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P972348
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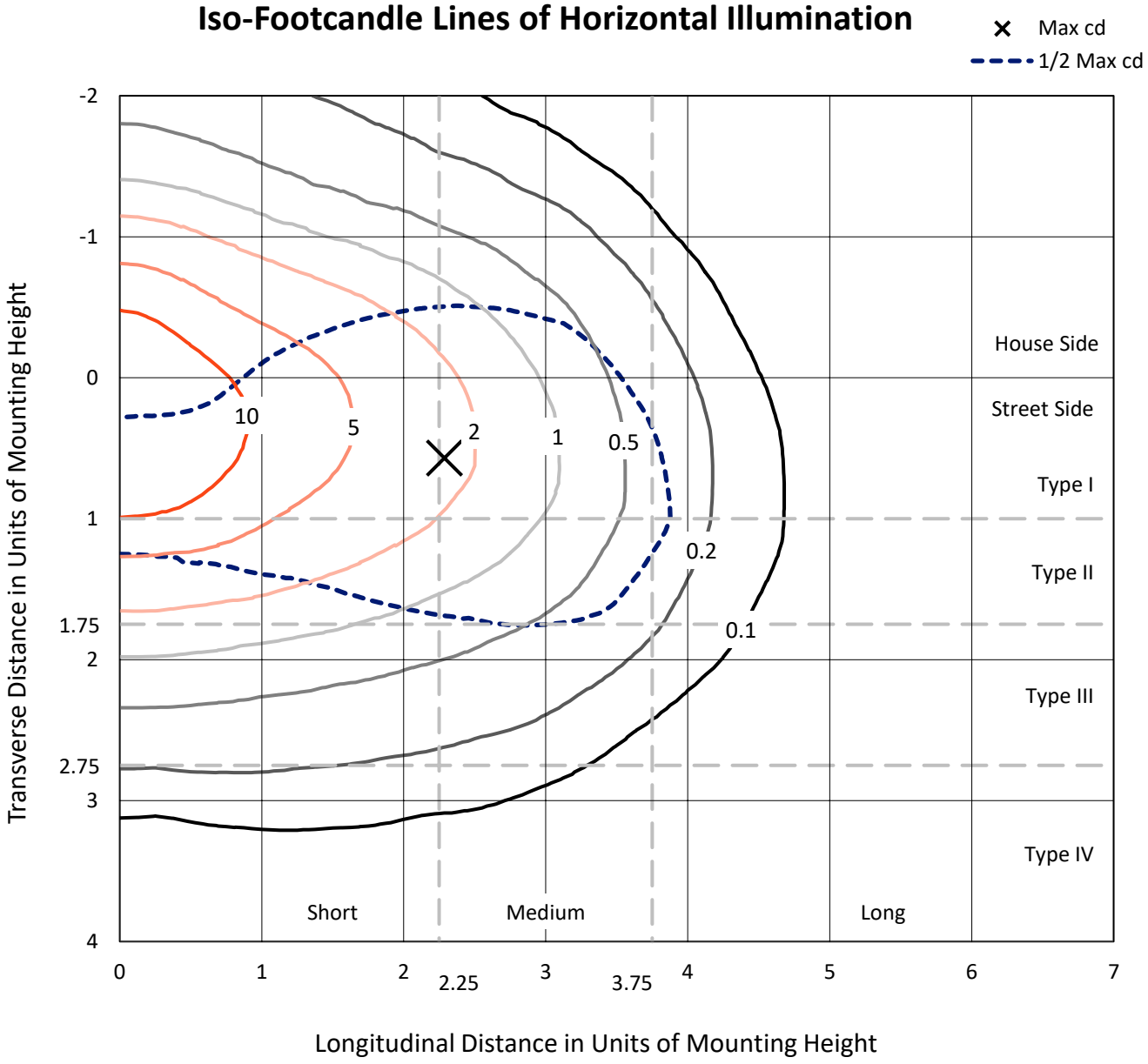
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 19 fc
Type II - Medium - N/A

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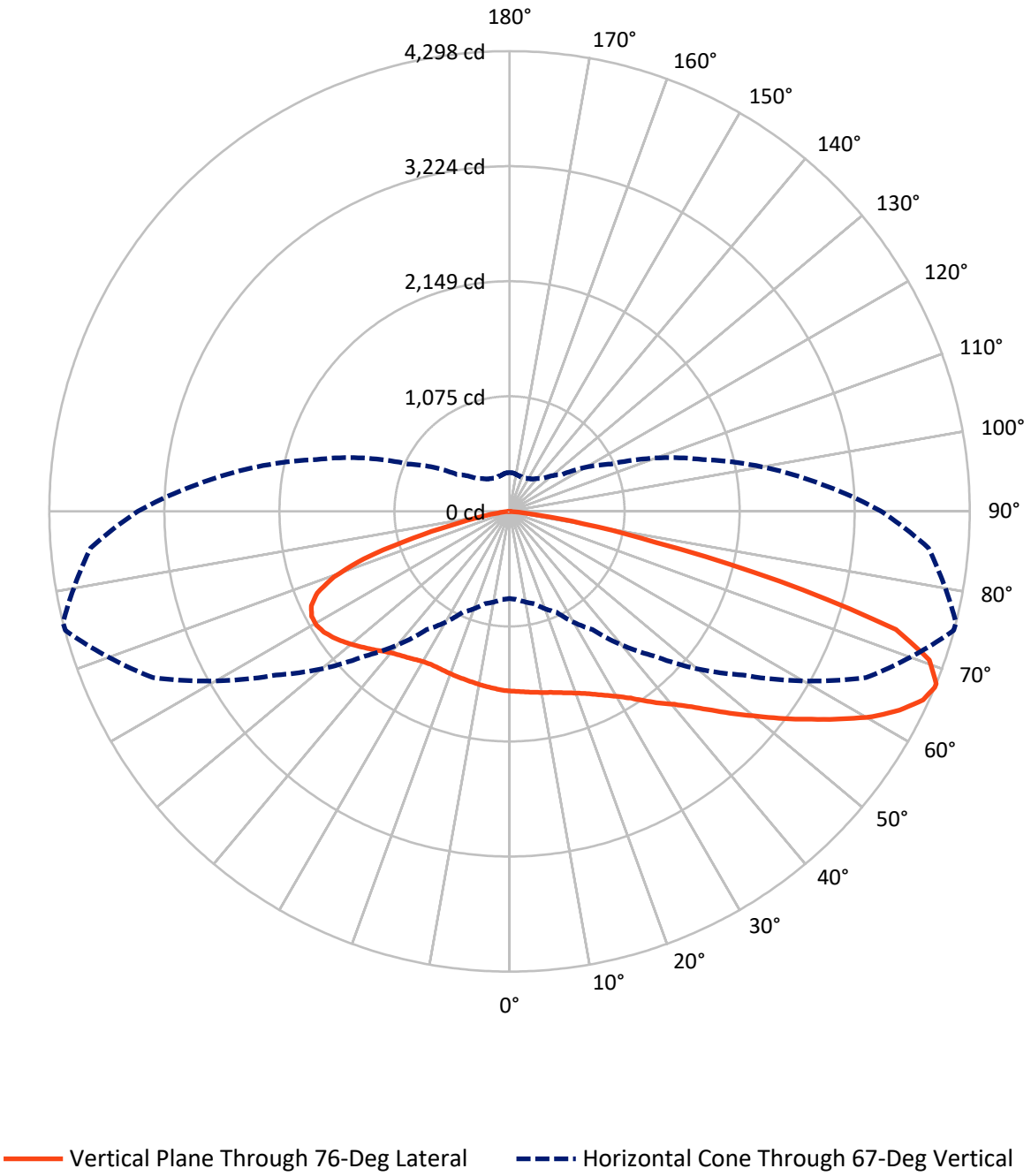
Luminous Intensity Polar Plot



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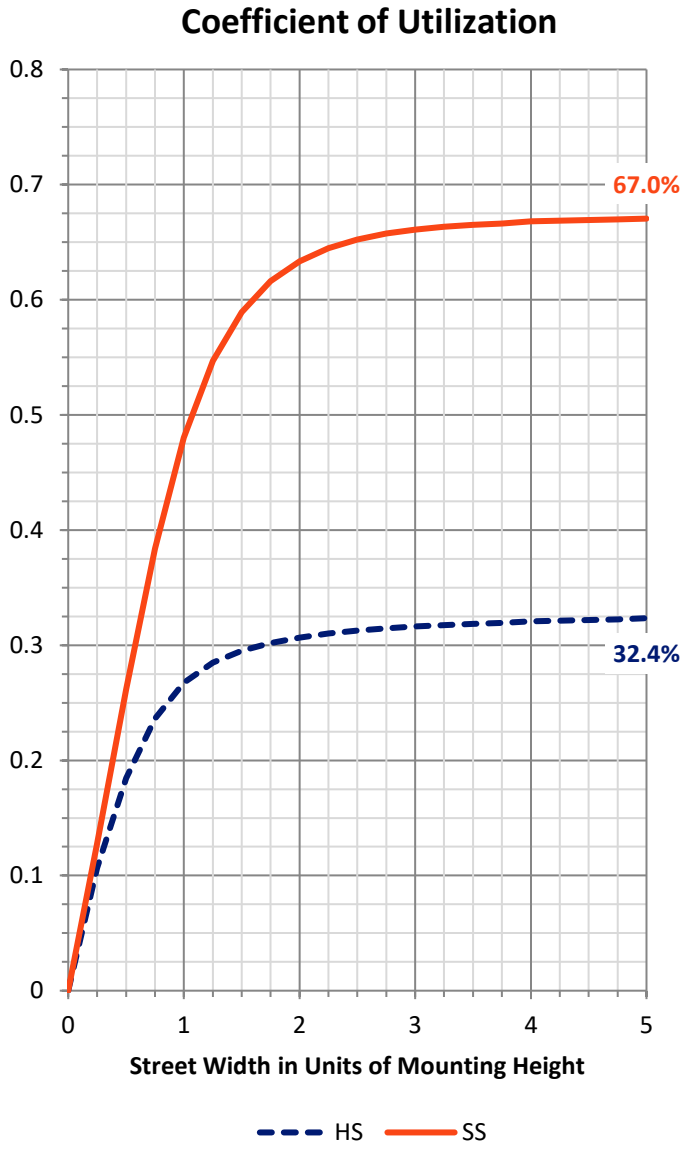
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2848.3	0.0	2848.3
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	5785.2	0.0	5785.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	8633.5	0.0	8633.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	161.3	1.9
10°-20°	493.5	5.7
20°-30°	849.1	9.8
30°-40°	1220.1	14.1
40°-50°	1547.3	17.9
50°-60°	1699.1	19.7
60°-70°	1647.8	19.1
70°-80°	909.8	10.5
80°-90°	105.5	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°	8633.5	100.0
0°-180°	8633.5	100.0



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REPORT NUMBER: P972348
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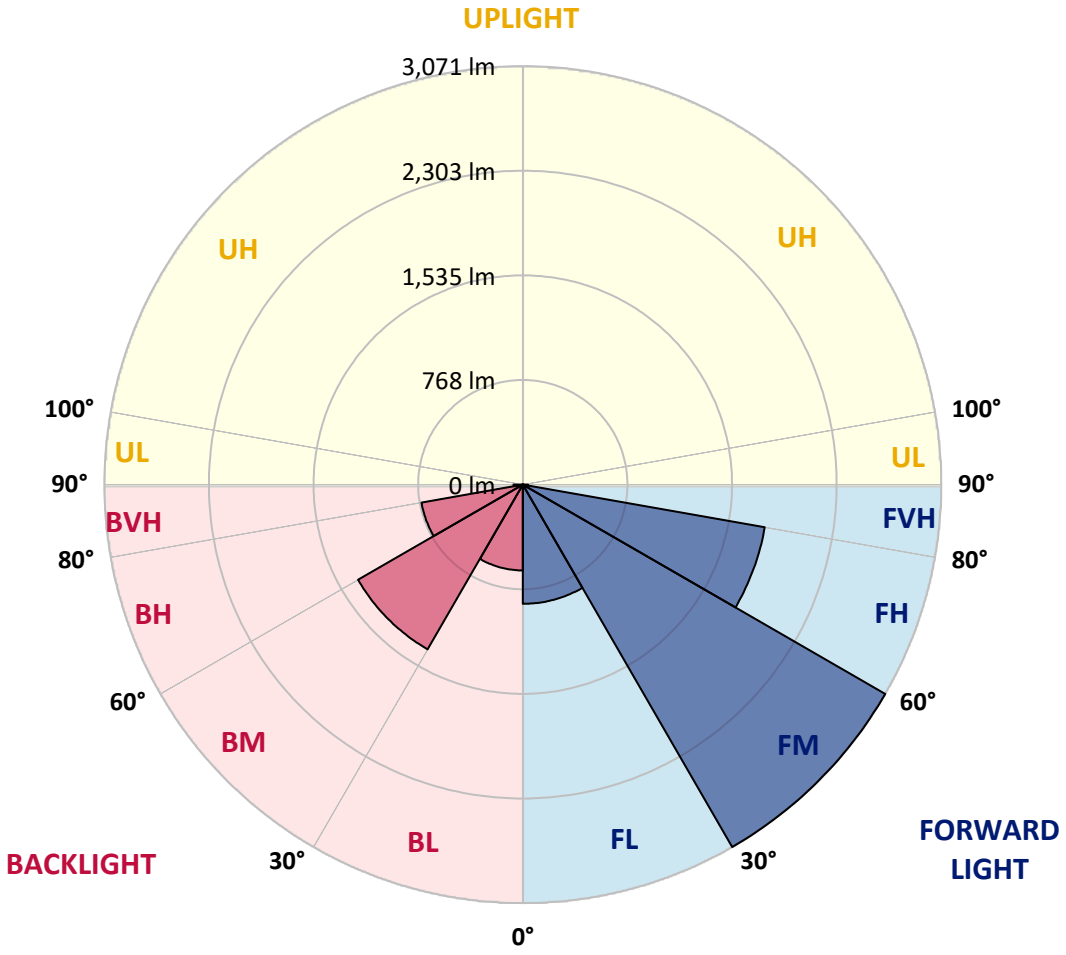
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	874.6	10.1			
FM	(30°-60°)	3070.7	35.6			
FH	(60°-80°)	1802.6	20.9			G2/5000
FVH	(80°-90°)	37.3	0.4			G1/100
BL	(0°-30°)	629.3	7.3	B2/1000		
BM	(30°-60°)	1395.8	16.2	B2/2500		
BH	(60°-80°)	755.0	8.7	B2/1000		G2/1000
BVH	(80°-90°)	68.2	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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REPORT NUMBER: P972348
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	*1678.3*	1678.3
2.5°	1728.4	1726.7	1725.0	1725.0	1718.3	1711.7	1705.0	1700.0	1686.6	*1684.9*	1678.3
5°	1780.1	1780.1	1775.1	1773.4	1763.4	1746.7	1731.7	1716.7	1698.3	*1695.0*	1679.9
7.5°	1846.9	1846.9	1838.6	1831.9	1816.9	1790.1	1763.4	1736.7	1710.0	*1706.7*	1683.3
10°	1932.1	1932.1	1925.4	1910.4	1878.7	1843.6	1800.2	1758.4	1723.4	*1720.0*	1686.6
12.5°	2020.6	2022.3	2012.2	1990.5	1952.1	1898.7	1845.3	1785.1	1740.0	*1735.0*	1693.3
15°	2110.8	2112.4	2105.8	2082.4	2030.6	1965.5	1893.7	1821.9	1761.8	*1756.7*	1703.3
17.5°	2199.3	2202.6	2195.9	2169.2	2109.1	2039.0	1950.5	1860.3	1788.5	*1781.8*	1720.0
20°	2282.8	2282.8	2282.8	2252.7	2194.3	2114.1	2012.2	1907.0	1818.5	*1811.9*	1740.0
22.5°	2357.9	2361.3	2366.3	2349.6	2282.8	2194.3	2084.1	1958.8	1856.9	*1848.6*	1765.1
25°	2433.1	2434.7	2448.1	2436.4	2371.3	2279.4	2160.9	2023.9	1903.7	*1895.4*	1795.2
27.5°	2519.9	2524.9	2533.3	2528.2	2454.8	2364.6	2246.0	2095.7	1955.5	*1947.1*	1831.9
30°	2621.8	2621.8	2626.8	2618.4	2544.9	2454.8	2331.2	2170.9	2020.6	*2007.2*	1877.0
32.5°	2705.3	2713.6	2710.3	2706.9	2630.1	2539.9	2418.0	2254.4	2095.7	*2079.0*	1938.8
35°	2783.7	2785.4	2783.7	2787.1	2710.3	2625.1	2509.9	2351.2	2179.2	*2172.6*	2017.3
37.5°	2828.8	2832.2	2840.5	2850.5	2782.1	2701.9	2601.7	2458.1	2282.8	*2271.1*	2110.8
40°	2850.5	2855.6	2900.6	2915.7	2842.2	2775.4	2698.6	2555.0	2383.0	*2369.6*	2204.3
42.5°	2883.9	2924.0	2947.4	2950.7	2887.3	2828.8	2782.1	2665.2	2506.5	*2494.9*	2329.5
45°	2773.7	2758.7	2820.5	2892.3	2889.0	2863.9	2862.2	2788.8	2658.5	*2646.8*	2471.5
47.5°	2635.1	2623.4	2656.8	2762.0	2837.2	2878.9	2940.7	2934.0	2842.2	*2825.5*	2636.8
50°	2304.5	2324.5	2488.2	2631.8	2762.0	2883.9	3007.5	3086.0	3020.9	*3007.5*	2812.1
52.5°	1995.5	2008.9	2120.8	2463.1	2665.2	2868.9	3066.0	3246.3	3229.6	*3214.6*	3004.2
55°	1778.5	1791.8	1970.5	2189.3	2521.6	2792.1	3104.4	3398.3	3441.7	*3426.7*	3207.9
57.5°	1551.3	1573.1	1695.0	1887.0	2329.5	2665.2	3117.7	3551.9	3672.1	*3658.8*	3403.3
60°	1332.6	1362.6	1434.5	1643.2	2092.4	2514.9	3082.7	3675.5	3894.2	*3894.2*	3605.3
62.5°	1130.5	1147.2	1222.4	1411.1	1791.8	2322.8	2994.2	3754.0	4098.0	*4089.6*	3782.4
65°	963.5	971.9	1032.0	1194.0	1539.7	2110.8	2840.5	3749.0	4243.3	*4244.9*	3899.2
67°	*813.2*	*826.6*	*893.4*	*1040.4*	*1347.6*	*1910.4*	*2663.5*	*3673.8*	*4295.0*	*4298.4*	*3927.6*
67.5°	761.5	776.5	850.0	1001.9	1307.5	1855.3	2621.8	3642.1	4291.7	*4298.4*	3919.3
70°	524.4	527.7	651.3	824.9	1075.4	1563.0	2332.9	3421.7	4164.8	*4159.8*	3737.3
72.5°	334.0	329.0	447.5	602.8	865.0	1265.8	1968.8	3035.9	3779.0	*3774.0*	3294.7
75°	222.1	227.1	302.3	430.8	607.8	978.6	1534.7	2291.1	2625.1	*2605.1*	2174.2
77.5°	158.6	155.3	187.0	310.6	407.5	594.5	833.3	1219.0	1394.4	*1394.4*	1194.0
80°	86.8	88.5	101.9	172.0	230.4	232.1	312.3	611.2	681.3	*696.4*	579.5
82.5°	25.0	26.7	36.7	58.4	63.5	70.1	108.5	175.3	183.7	*193.7*	157.0
85°	0.0	0.0	0.0	1.7	6.7	8.3	8.3	10.0	16.7	*16.7*	18.4
87.5°	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.3	6.7	*6.7*	8.3
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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CATALOG NUMBER: GKO-PB2D-722-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3	1678.3
2.5°	1676.6	1678.3	1671.6	1663.2	1656.6	1653.2	1643.2	1634.8	1639.9	1644.9	1644.9
5°	1674.9	1673.3	1659.9	1644.9	1634.8	1628.2	1611.5	1599.8	1601.4	1606.5	1604.8
7.5°	1674.9	1668.2	1649.9	1628.2	1611.5	1598.1	1576.4	1563.0	1561.4	1564.7	1561.4
10°	1676.6	1664.9	1639.9	1609.8	1586.4	1566.4	1539.7	1524.6	1519.6	1521.3	1518.0
12.5°	1679.9	1661.6	1629.8	1591.4	1561.4	1534.7	1504.6	1486.2	1482.9	1486.2	1486.2
15°	1684.9	1661.6	1621.5	1574.7	1534.7	1504.6	1474.5	1457.8	1457.8	1459.5	1459.5
17.5°	1695.0	1666.6	1614.8	1556.4	1507.9	1474.5	1447.8	1436.1	1437.8	1442.8	1442.8
20°	1705.0	1673.3	1608.1	1538.0	1484.6	1446.1	1424.4	1416.1	1422.8	1429.4	1429.4
22.5°	1720.0	1681.6	1601.4	1521.3	1457.8	1419.4	1401.1	1394.4	1401.1	1409.4	1406.1
25°	1743.4	1696.6	1596.4	1506.3	1432.8	1391.0	1372.7	1366.0	1369.3	1376.0	1376.0
27.5°	1770.1	1715.0	1594.8	1487.9	1402.7	1357.6	1335.9	1325.9	1325.9	1327.6	1329.3
30°	1815.2	1746.7	1601.4	1474.5	1376.0	1322.6	1294.2	1279.2	1277.5	1284.2	1284.2
32.5°	1868.6	1790.1	1618.1	1462.8	1349.3	1280.8	1242.4	1230.7	1227.4	1232.4	1227.4
35°	1928.8	1838.6	1639.9	1461.2	1322.6	1235.7	1192.3	1179.0	1168.9	1165.6	1162.3
37.5°	2013.9	1905.4	1661.6	1452.8	1295.9	1187.3	1140.6	1112.2	1100.5	1097.1	1097.1
40°	2097.4	1970.5	1688.3	1439.5	1264.1	1138.9	1072.1	1040.4	1035.3	1035.3	1035.3
42.5°	2202.6	2055.7	1725.0	1431.1	1225.7	1090.5	998.6	961.9	961.9	961.9	960.2
45°	2332.9	2167.5	1771.8	1427.8	1189.0	1032.0	920.1	871.7	870.0	868.4	866.7
47.5°	2484.8	2284.4	1816.9	1419.4	1145.6	961.9	829.9	776.5	764.8	761.5	756.5
50°	2641.8	2411.4	1865.3	1407.7	1093.8	880.0	744.8	683.0	657.9	649.6	652.9
52.5°	2808.8	2534.9	1912.1	1391.0	1032.0	798.2	657.9	592.8	567.8	557.8	556.1
55°	2972.4	2660.2	1955.5	1369.3	965.2	714.7	584.5	521.0	499.3	496.0	496.0
57.5°	3137.8	2780.4	1988.9	1337.6	891.7	641.2	521.0	469.2	454.2	460.9	460.9
60°	3288.1	2885.6	2005.6	1294.2	818.3	574.5	470.9	432.5	425.8	442.5	440.9
62.5°	3423.3	2955.7	1997.2	1230.7	746.5	517.7	432.5	404.1	405.8	425.8	427.5
65°	3488.4	2967.4	1948.8	1143.9	666.3	469.2	392.4	365.7	369.1	390.8	395.8
67°	*3473.4*	*2922.3*	*1868.6*	*1045.4*	*601.2*	*432.5*	*367.4*	*340.7*	*342.3*	*360.7*	*362.4*
67.5°	3456.7	2900.6	1846.9	1015.3	584.5	425.8	360.7	335.7	339.0	355.7	355.7
70°	3234.6	2680.2	1646.5	861.7	506.0	379.1	329.0	312.3	315.6	325.6	325.6
72.5°	2827.2	2321.2	1332.6	691.3	429.2	335.7	297.2	287.2	287.2	287.2	278.9
75°	1803.5	1454.5	871.7	529.4	354.0	287.2	267.2	255.5	248.8	258.8	255.5
77.5°	996.9	759.8	454.2	303.9	255.5	238.8	232.1	227.1	225.4	248.8	242.1
80°	472.6	375.7	255.5	173.7	147.0	177.0	200.4	197.0	235.5	322.3	324.0
82.5°	150.3	123.6	103.5	95.2	98.5	126.9	155.3	178.7	305.6	345.7	340.7
85°	18.4	16.7	11.7	38.4	65.1	93.5	120.2	232.1	280.5	233.8	220.4
87.5°	6.7	6.7	6.7	26.7	50.1	71.8	108.5	233.8	172.0	157.0	143.6
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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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

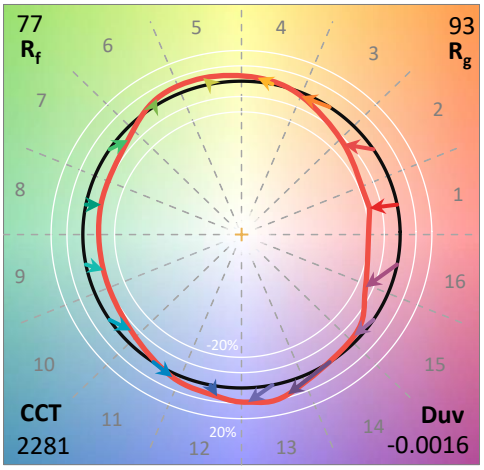
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

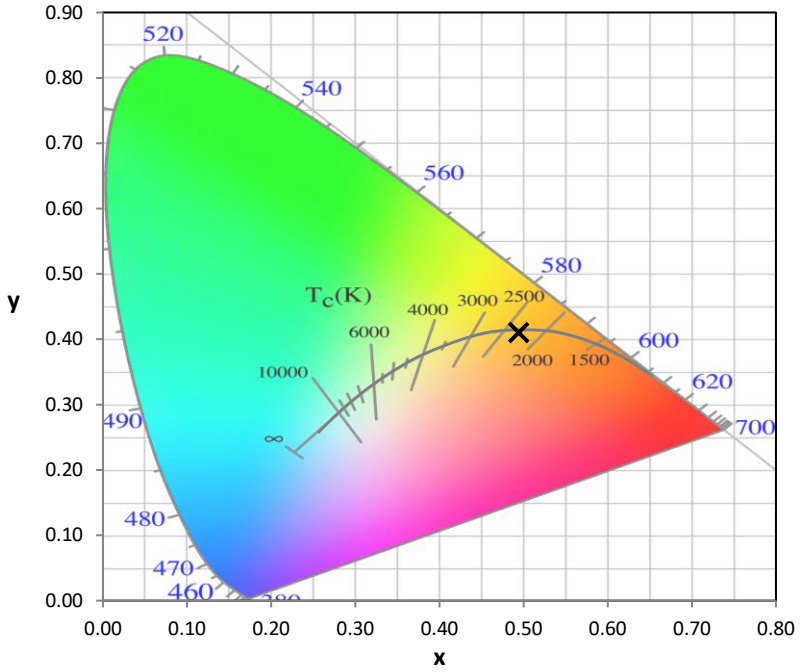
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

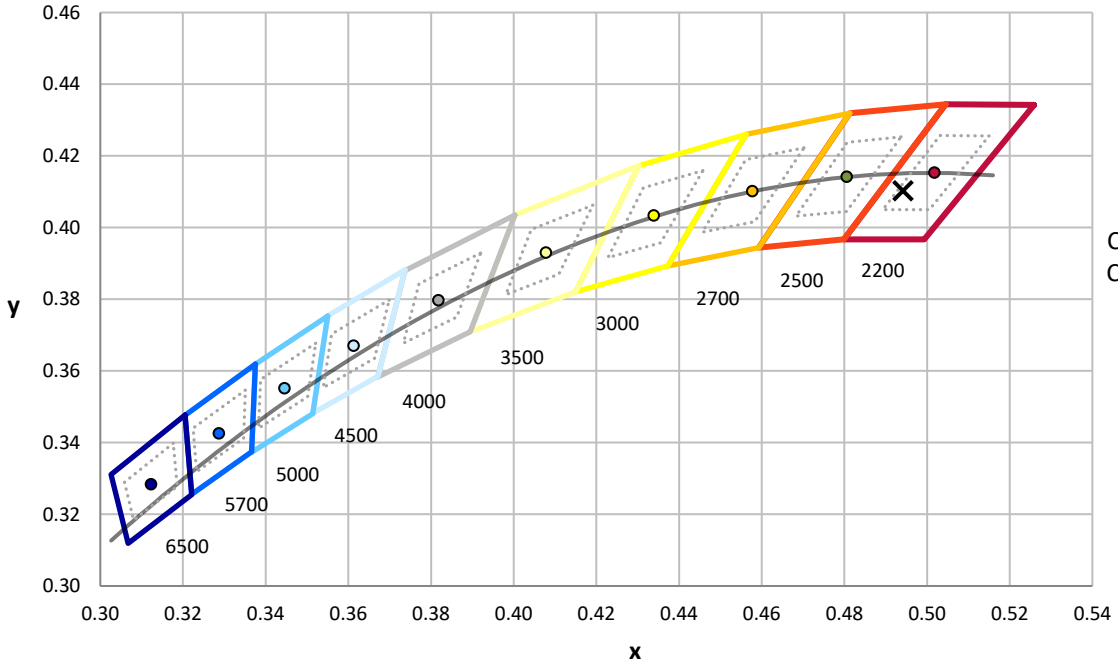
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

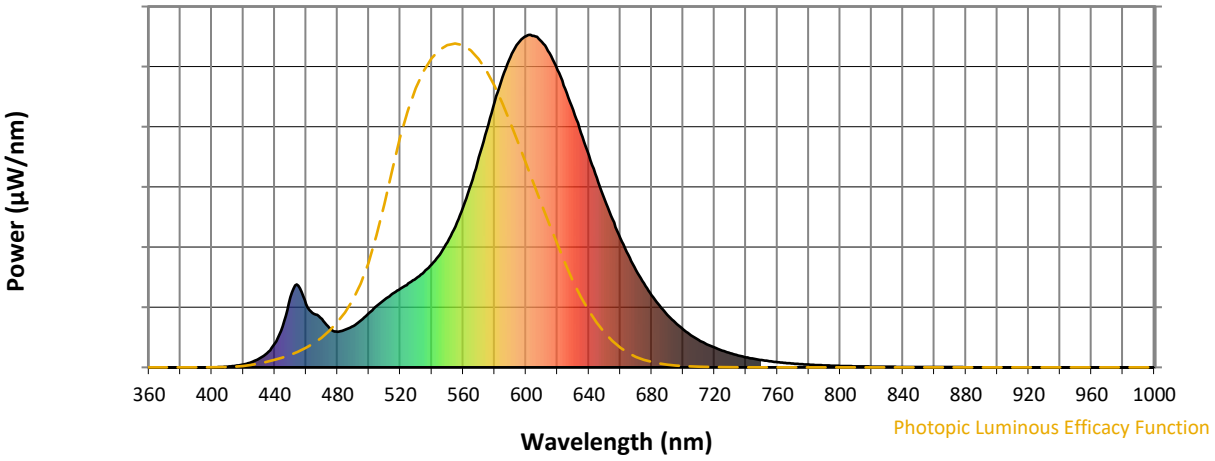


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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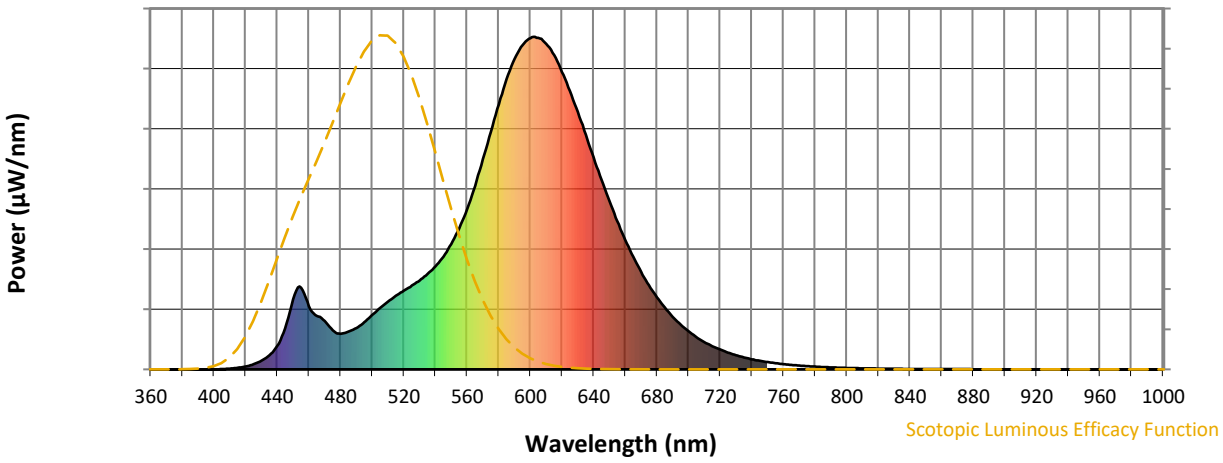
Scotopic Flux vs. Wavelength



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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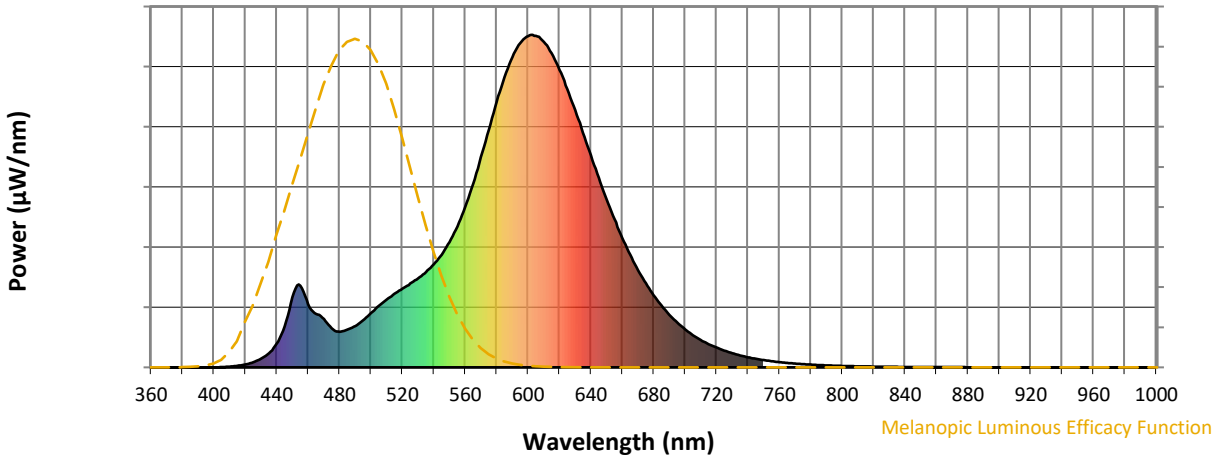
Melanopic Flux vs. Wavelength



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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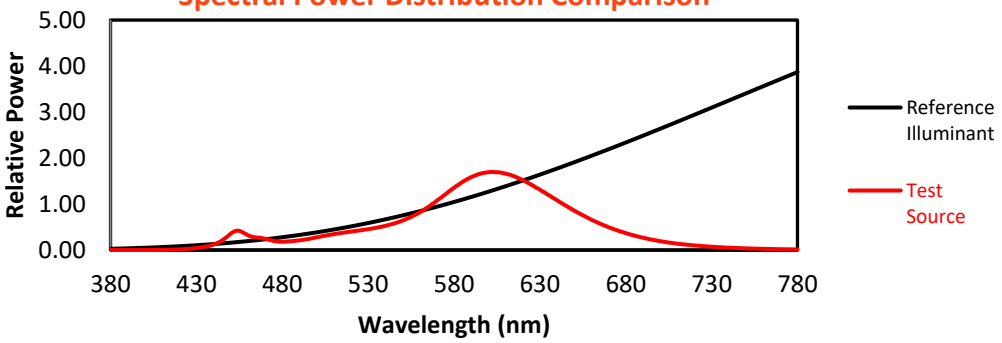
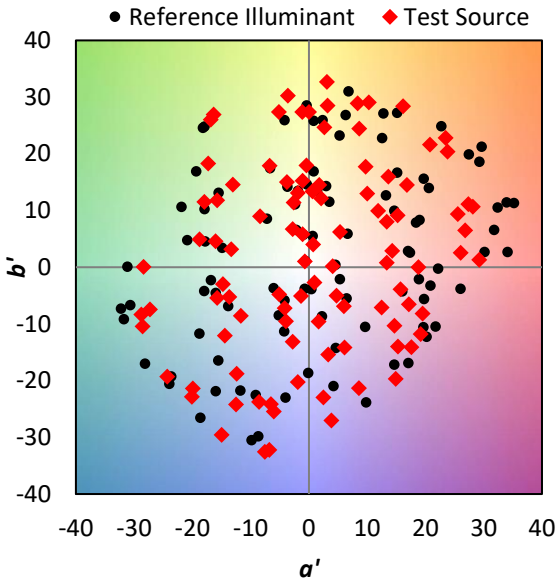
Summary

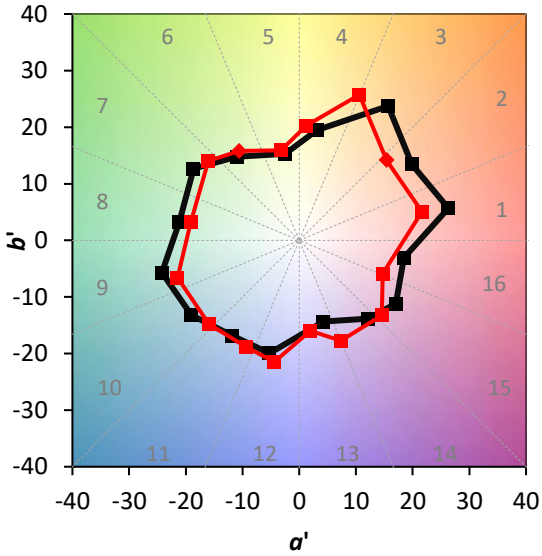
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

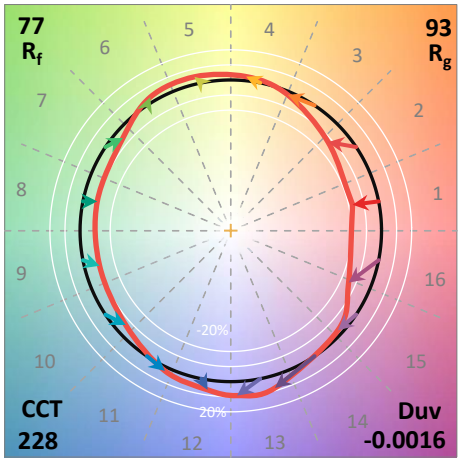
Spectral Power Distribution Comparison

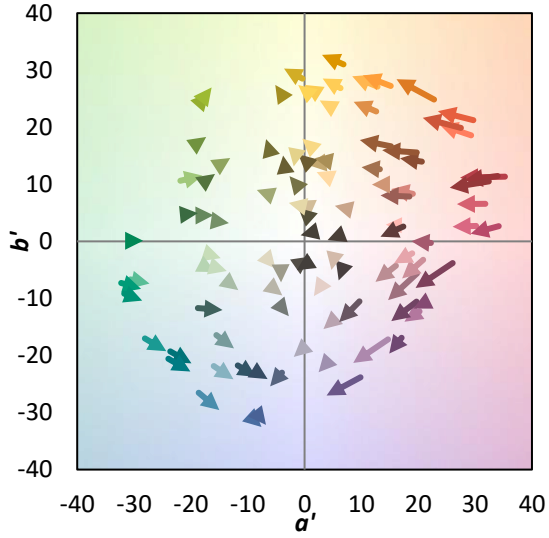


Color Vector Graphics









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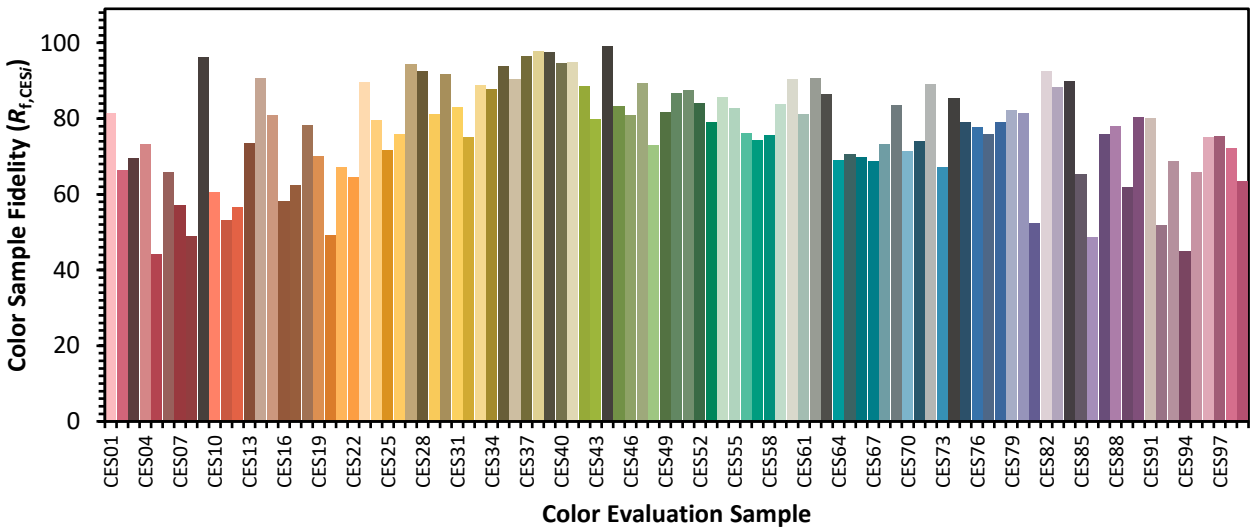
Individual Sample Fidelity Index ($R_{f,i}$)

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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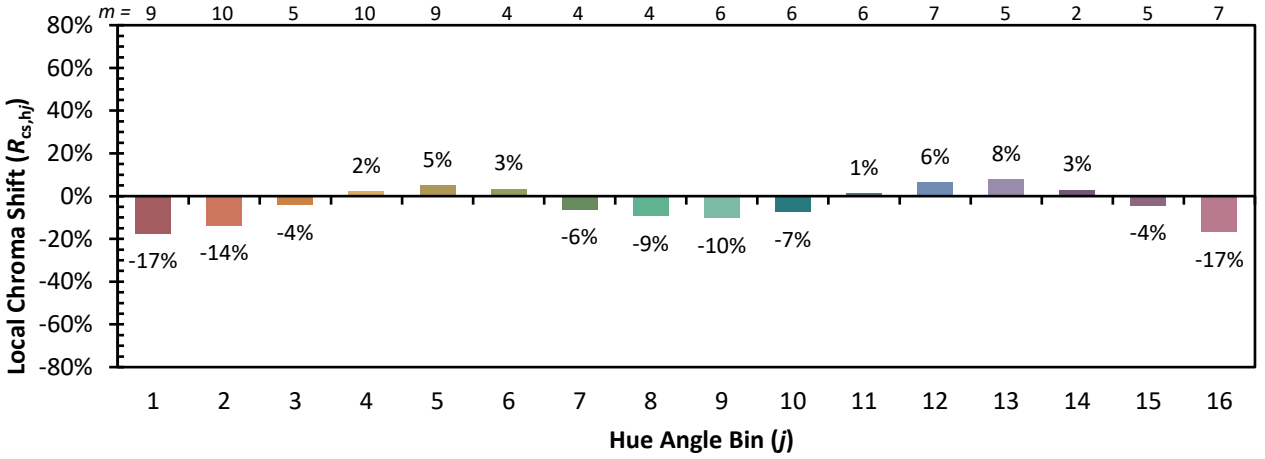
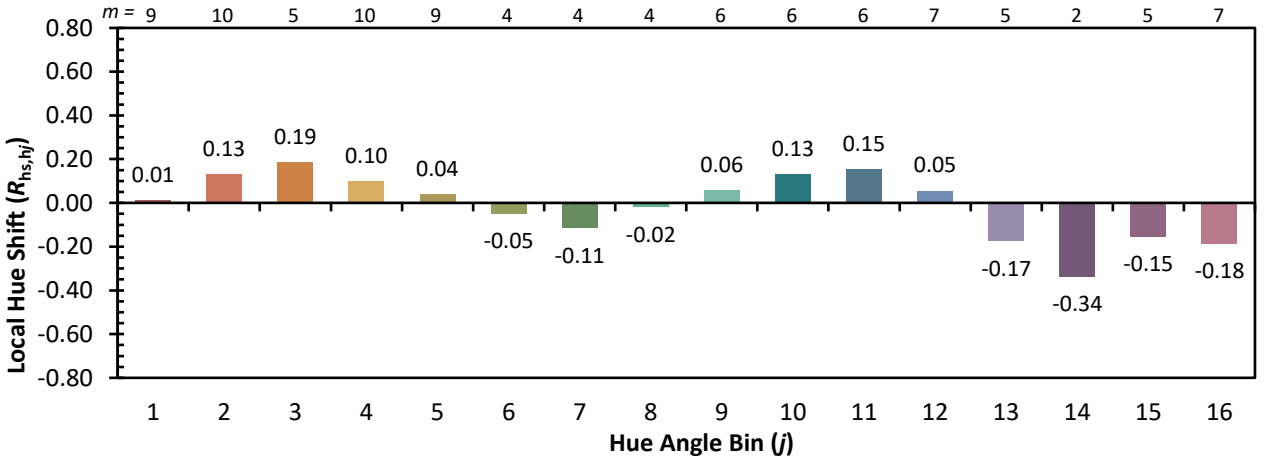
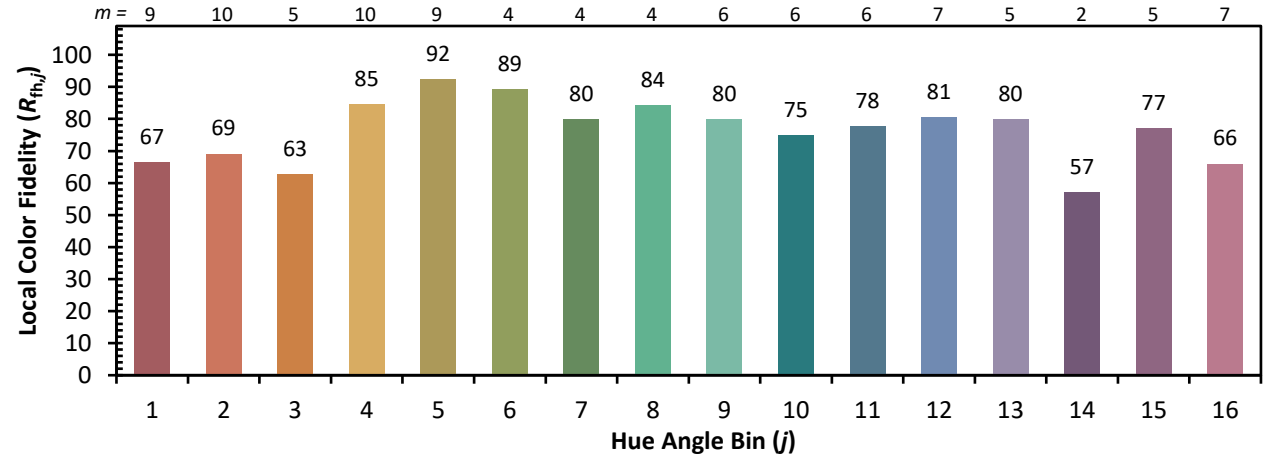
Color Rendition by Hue-Angle Bin







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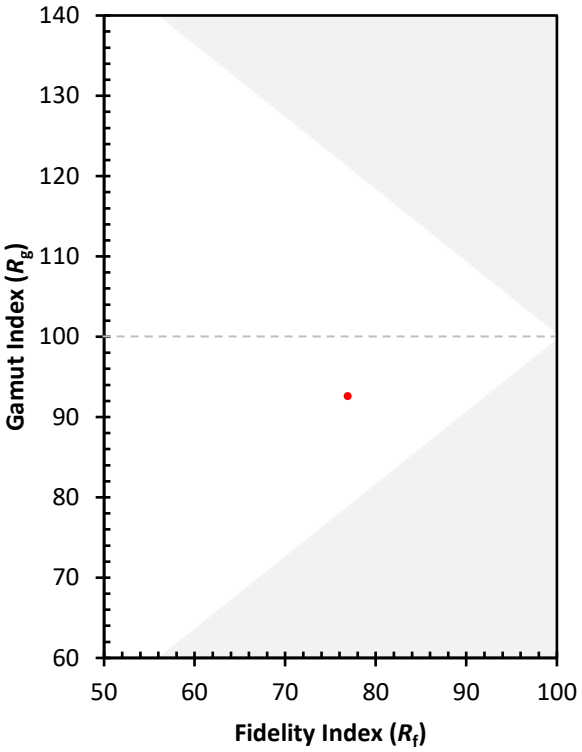
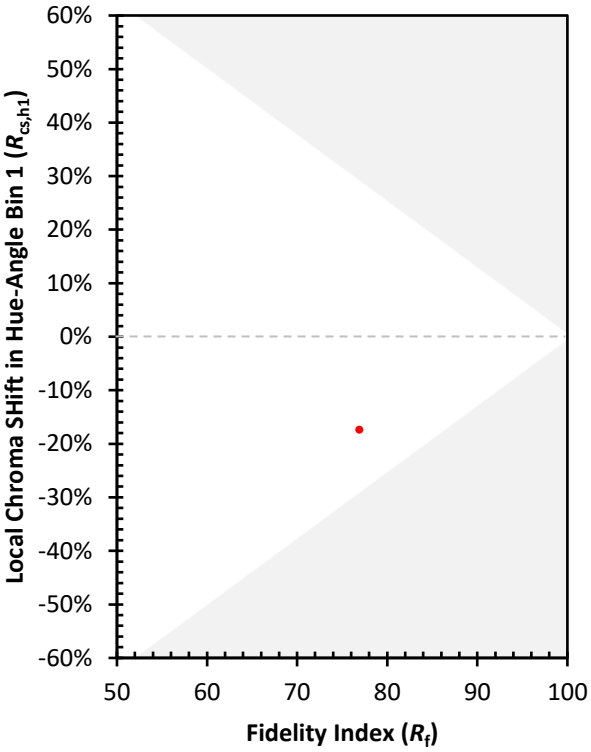
Measure Comparisons





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