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: P972198

Luminaire Tested: **GKO-PB2D-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:	P972198
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-T4W
Description:	GEKKO WALL PACK 10000LM 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:	8341.4 lumens
Efficiency:	N/A
Efficacy:	109.5 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):	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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Scaled Data Report

REPORT NUMBER: P972198
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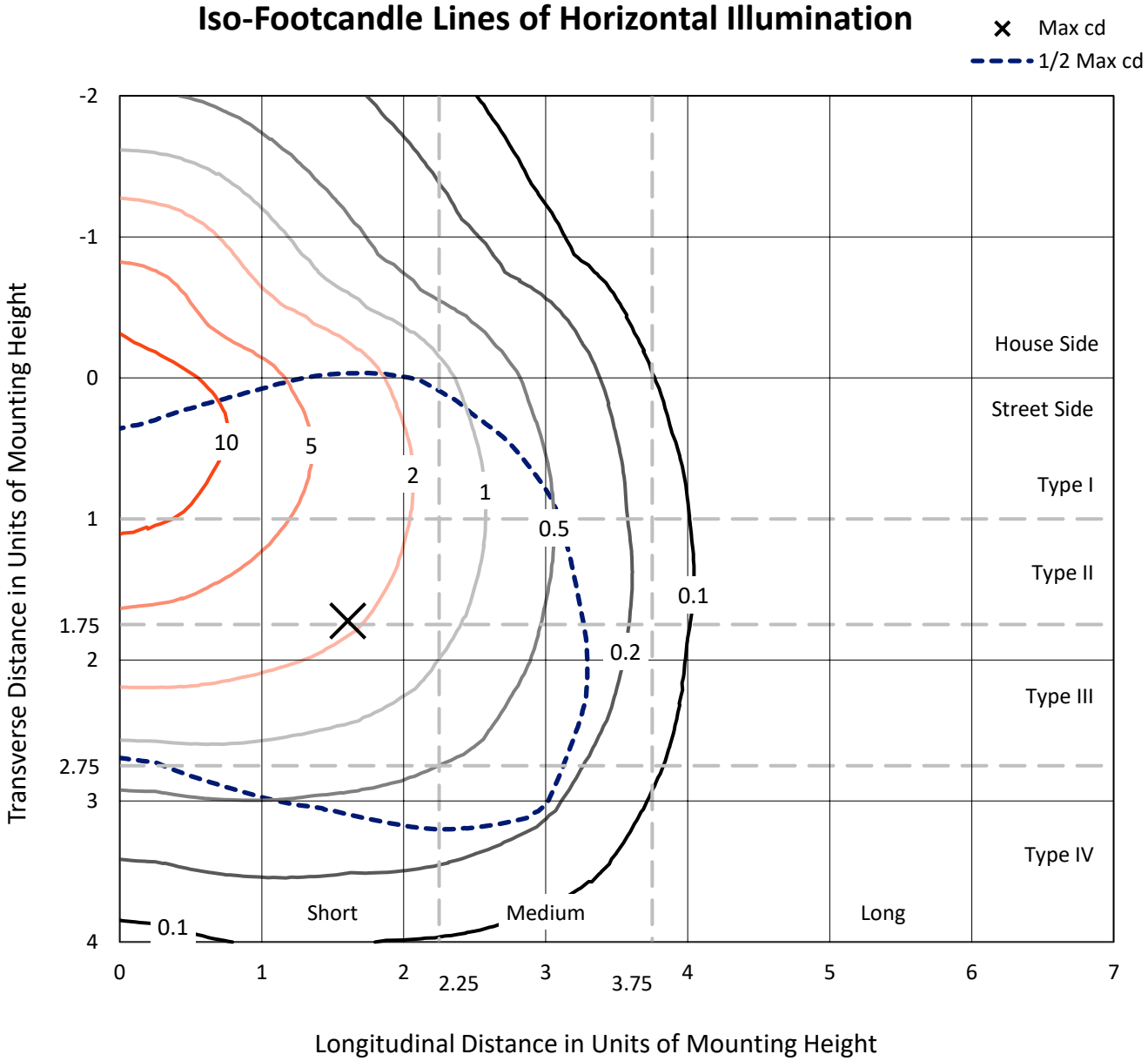
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 15.9 fc
Type IV - Short - N/A

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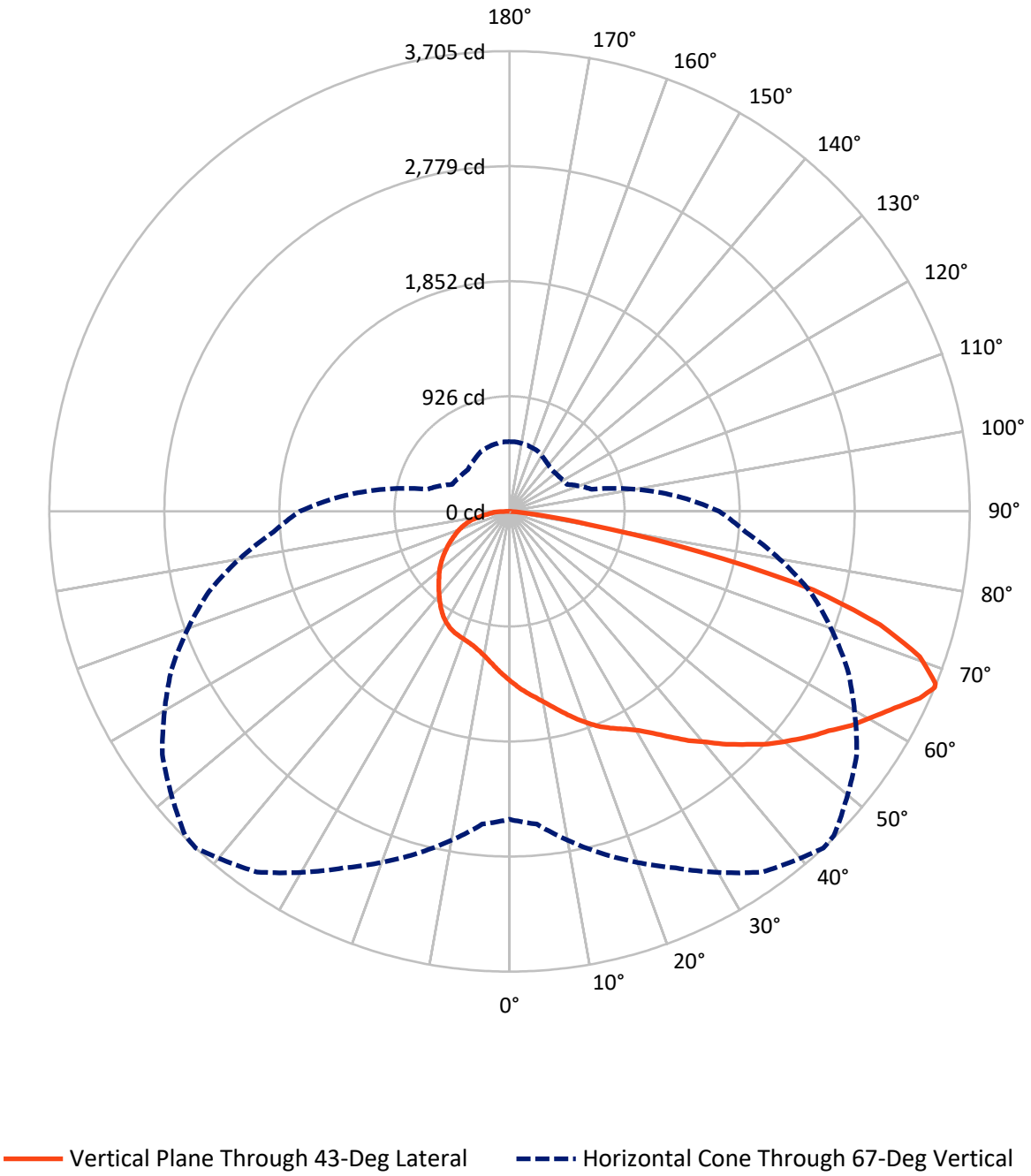
Luminous Intensity Polar Plot



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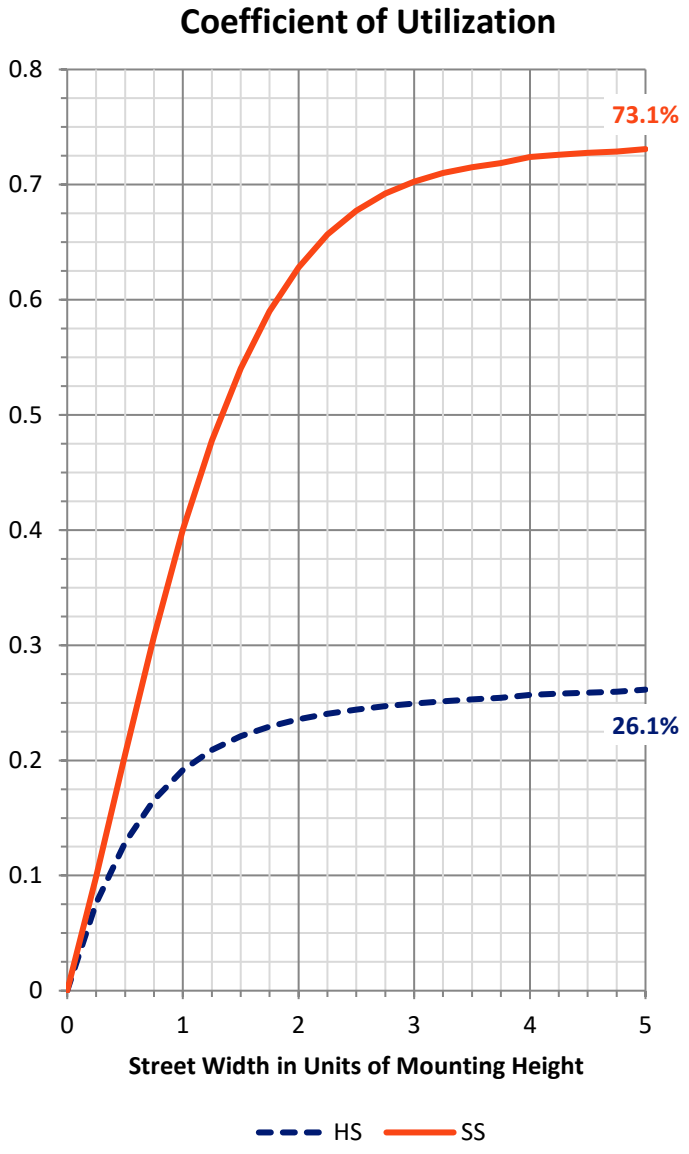
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2243.6	0.0	2243.6
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	6097.8	0.0	6097.8
	% Fixture	73.1	0.0	73.1
Total	Lumens	8341.4	0.0	8341.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.9	1.6
10°-20°	402.2	4.8
20°-30°	696.4	8.3
30°-40°	1033.4	12.4
40°-50°	1403.9	16.8
50°-60°	1723.4	20.7
60°-70°	1816.4	21.8
70°-80°	1002.6	12.0
80°-90°	132.1	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°	8341.4	100.0
0°-180°	8341.4	100.0



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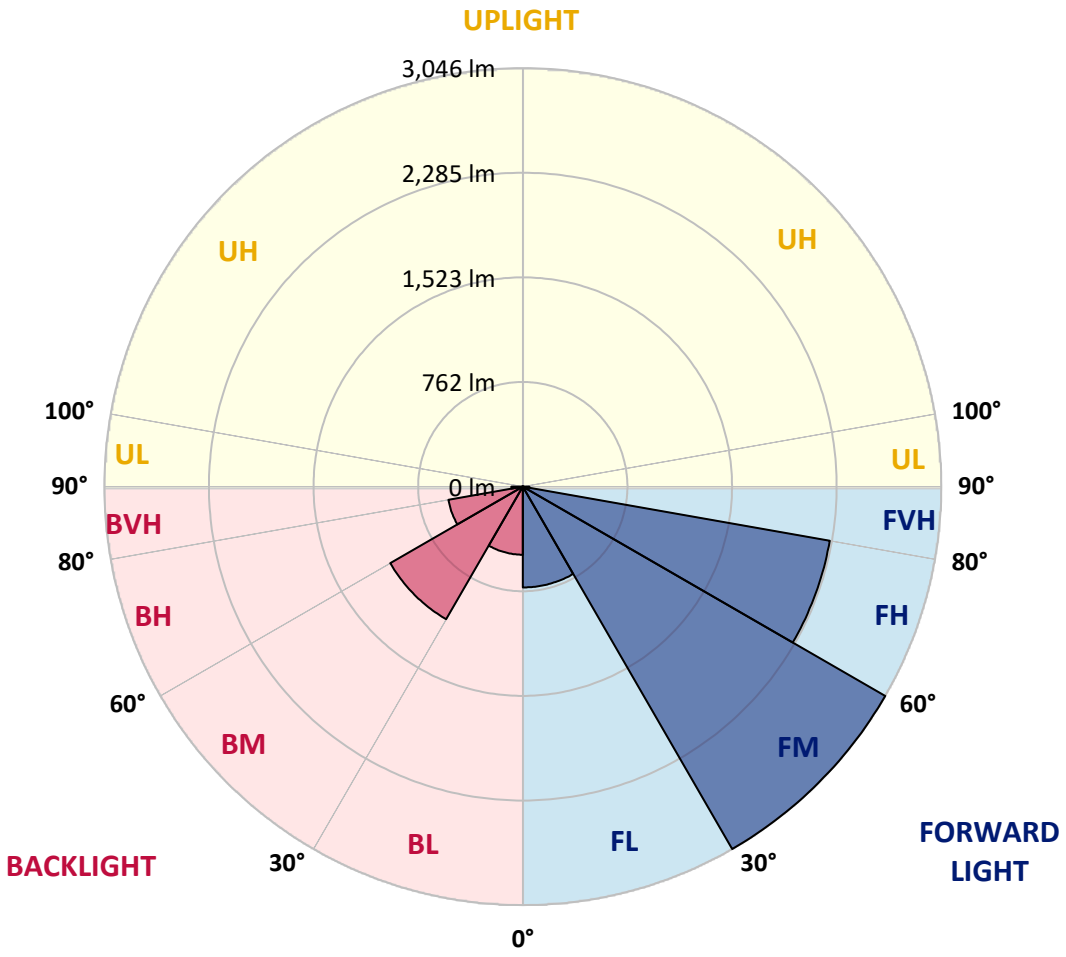
REPORT NUMBER: P972198
CATALOG NUMBER: GKO-PB2D-722-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	733.8	8.8			
FM	(30°-60°)	3046.5	36.5			
FH	(60°-80°)	2269.2	27.2			G2/5000
FVH	(80°-90°)	48.3	0.6			G1/100
BL	(0°-30°)	495.6	5.9	B1/500		
BM	(30°-60°)	1114.3	13.4	B2/2500		
BH	(60°-80°)	549.8	6.6	B2/1000		G2/1000
BVH	(80°-90°)	83.8	1.0			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 IV Short



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REPORT NUMBER: P972198
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	1369.1	1369.1	1369.1	1369.1	1369.1	*1369.1*	1369.1	1369.1	1369.1	1369.1	1369.1
2.5°	1432.5	1435.9	1432.5	1429.2	1422.5	*1419.2*	1415.9	1407.5	1397.5	1382.5	1370.8
5°	1496.0	1496.0	1491.0	1487.6	1477.6	*1467.6*	1462.6	1442.6	1420.9	1395.8	1372.4
7.5°	1554.4	1561.1	1552.8	1544.4	1529.4	*1512.7*	1509.4	1479.3	1449.2	1415.9	1380.8
10°	1627.9	1632.9	1621.2	1614.5	1586.2	*1564.4*	1557.8	1521.0	1481.0	1439.2	1394.1
12.5°	1703.0	1706.4	1698.0	1683.0	1652.9	*1626.2*	1616.2	1567.8	1516.0	1465.9	1409.2
15°	1768.1	1771.5	1768.1	1751.4	1723.1	*1689.7*	1676.3	1622.9	1559.4	1494.3	1427.5
17.5°	1816.6	1823.2	1823.2	1814.9	1789.8	*1758.1*	1749.8	1683.0	1609.5	1527.7	1449.2
20°	1858.3	1861.6	1868.3	1863.3	1850.0	*1823.2*	1811.6	1748.1	1659.6	1566.1	1470.9
22.5°	1891.7	1895.0	1906.7	1905.1	1896.7	*1883.3*	1871.7	1813.2	1718.1	1604.5	1491.0
25°	1950.1	1948.5	1955.1	1950.1	1940.1	*1935.1*	1928.4	1876.7	1776.5	1649.6	1517.7
27.5°	2052.0	2048.6	2042.0	2016.9	1991.9	*1985.2*	1980.2	1943.5	1844.9	1701.4	1547.8
30°	2202.2	2205.6	2173.9	2117.1	2067.0	*2047.0*	2040.3	2015.3	1921.8	1761.5	1581.1
32.5°	2380.9	2379.2	2327.5	2247.3	2168.9	*2128.8*	2115.4	2088.7	1998.6	1821.6	1619.5
35°	2509.5	2506.1	2479.4	2407.6	2325.8	*2230.6*	2205.6	2163.8	2080.4	1890.0	1657.9
37.5°	2683.1	2678.1	2626.3	2551.2	2477.7	*2340.8*	2312.4	2255.7	2158.8	1956.8	1701.4
40°	2881.8	2850.1	2764.9	2688.1	2587.9	*2442.7*	2419.3	2345.8	2249.0	2038.6	1751.4
42.5°	3062.1	3015.4	2905.2	2808.3	2683.1	*2562.9*	2532.8	2446.0	2335.8	2113.8	1803.2
45°	3332.6	3219.1	3060.4	3003.7	2786.6	*2676.4*	2651.4	2544.5	2431.0	2195.6	1855.0
47.5°	3299.2	3219.1	3167.3	3160.6	2895.1	*2800.0*	2763.2	2653.1	2532.8	2282.4	1908.4
50°	3364.3	3300.9	3304.2	3222.4	2993.7	*2905.2*	2878.5	2766.6	2636.4	2367.5	1965.2
52.5°	3351.0	3369.3	3359.3	3232.4	3088.8	*3015.4*	2995.3	2883.5	2734.9	2449.4	2015.3
55°	3457.8	3447.8	3426.1	3300.9	3194.0	*3118.9*	3102.2	3005.3	2835.0	2519.5	2058.7
57.5°	3536.3	3484.5	3482.9	3377.7	3310.9	*3249.1*	3222.4	3130.6	2928.5	2581.3	2092.1
60°	3487.9	3426.1	3471.2	3389.4	3382.7	*3359.3*	3344.3	3240.8	3012.0	2628.0	2105.4
62.5°	3229.1	3244.1	3377.7	3372.7	3461.2	*3482.9*	3466.2	3317.6	3067.1	2644.7	2095.4
65°	2886.8	2931.9	3137.2	3312.6	3553.0	*3628.1*	3611.4	3372.7	3062.1	2606.3	2028.6
67°	*2479.4*	*2527.8*	*2848.4*	*3167.3*	*3544.6*	*3704.9*	*3693.2*	*3412.7*	*3002.0*	*2507.8*	*1908.4*
67.5°	2389.2	2444.3	2764.9	3100.5	3514.6	*3698.2*	3689.9	3416.1	2982.0	2461.0	1861.6
70°	1758.1	1823.2	2275.7	2724.8	3274.2	*3504.6*	3502.9	3290.9	2774.9	2207.3	1614.5
72.5°	1095.3	1153.7	1622.9	2125.4	2836.7	*3120.5*	3108.9	2866.8	2389.2	1801.5	1273.9
75°	671.2	707.9	1021.8	1385.8	2057.0	*2526.2*	2542.9	2240.7	1629.6	1070.2	719.6
77.5°	410.7	450.8	644.5	854.9	1257.2	*1571.1*	1574.5	1242.2	836.5	582.7	394.0
80°	228.7	238.8	335.6	447.5	644.5	*647.8*	621.1	547.6	434.1	280.5	202.0
82.5°	90.2	96.8	145.3	180.3	183.7	*192.0*	178.7	162.0	136.9	90.2	63.4
85°	0.0	0.0	0.0	3.3	11.7	*23.4*	23.4	16.7	6.7	5.0	5.0
87.5°	0.0	0.0	0.0	1.7	1.7	*1.7*	1.7	1.7	1.7	1.7	1.7
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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Scaled Data Report

REPORT NUMBER: P972198
CATALOG NUMBER: GKO-PB2D-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1369.1	1369.1	1369.1	1369.1	1369.1	1369.1	1369.1	1369.1	1369.1	1369.1	1369.1
2.5°	1367.4	1365.8	1354.1	1340.7	1330.7	1322.4	1314.0	1304.0	1304.0	1307.3	1305.7
5°	1364.1	1355.7	1334.0	1310.7	1292.3	1275.6	1260.6	1247.2	1245.5	1247.2	1248.9
7.5°	1365.8	1350.7	1317.3	1282.3	1252.2	1230.5	1208.8	1198.8	1197.1	1197.1	1197.1
10°	1372.4	1350.7	1305.7	1257.2	1220.5	1188.8	1165.4	1155.4	1157.1	1158.7	1160.4
12.5°	1384.1	1354.1	1297.3	1235.5	1188.8	1157.1	1133.7	1125.3	1132.0	1140.4	1142.0
15°	1395.8	1360.8	1289.0	1217.2	1163.7	1128.7	1112.0	1110.3	1122.0	1137.0	1140.4
17.5°	1409.2	1365.8	1278.9	1193.8	1137.0	1108.6	1100.3	1105.3	1123.7	1147.0	1152.0
20°	1422.5	1372.4	1267.3	1172.1	1112.0	1091.9	1097.0	1112.0	1135.4	1163.7	1168.7
22.5°	1435.9	1377.4	1252.2	1145.4	1085.3	1078.6	1097.0	1122.0	1145.4	1177.1	1183.8
25°	1450.9	1384.1	1233.9	1112.0	1058.5	1063.6	1095.3	1125.3	1150.4	1183.8	1192.1
27.5°	1474.3	1394.1	1215.5	1081.9	1028.5	1045.2	1086.9	1123.7	1150.4	1182.1	1192.1
30°	1497.7	1404.2	1200.5	1050.2	998.4	1020.1	1070.2	1115.3	1142.0	1170.4	1183.8
32.5°	1524.4	1417.5	1187.1	1018.5	965.0	991.8	1046.9	1097.0	1128.7	1153.7	1167.1
35°	1552.8	1437.6	1177.1	990.1	931.7	955.0	1011.8	1073.6	1105.3	1128.7	1140.4
37.5°	1589.5	1459.3	1170.4	961.7	896.6	916.6	975.1	1040.2	1076.9	1095.3	1110.3
40°	1629.6	1491.0	1170.4	938.3	863.2	876.6	936.7	1006.8	1043.5	1058.5	1073.6
42.5°	1669.6	1522.7	1168.7	915.0	828.1	838.2	898.3	970.1	1005.1	1016.8	1028.5
45°	1716.4	1559.4	1167.1	888.2	789.7	799.8	861.5	933.3	966.7	976.7	986.8
47.5°	1766.5	1596.2	1160.4	854.9	754.7	763.0	824.8	891.6	925.0	936.7	946.7
50°	1811.6	1631.2	1143.7	816.5	723.0	731.3	786.4	841.5	871.5	884.9	894.9
52.5°	1851.6	1656.3	1117.0	773.0	687.9	697.9	739.6	788.1	811.4	821.5	828.1
55°	1883.3	1669.6	1073.6	731.3	654.5	659.5	692.9	736.3	754.7	756.3	761.4
57.5°	1905.1	1668.0	1015.1	682.9	621.1	622.8	646.1	684.6	697.9	696.2	699.6
60°	1910.1	1646.3	945.0	637.8	587.7	582.7	606.1	632.8	641.1	647.8	656.2
62.5°	1890.0	1594.5	864.9	592.7	554.3	546.0	562.7	586.0	599.4	602.7	606.1
65°	1816.6	1499.3	768.0	546.0	520.9	505.9	524.3	557.7	579.4	586.0	584.4
67°	*1688.0*	*1365.8*	*684.6*	*510.9*	*487.5*	*474.2*	*500.9*	*536.0*	*551.0*	*561.0*	*561.0*
67.5°	1646.3	1317.3	656.2	499.2	479.2	467.5	492.5	525.9	546.0	557.7	557.7
70°	1397.5	1080.3	554.3	440.8	430.8	432.4	462.5	499.2	524.3	536.0	536.0
72.5°	1065.2	836.5	450.8	384.0	380.7	392.4	430.8	464.2	495.9	515.9	514.2
75°	604.4	482.5	328.9	313.9	327.2	350.6	399.0	435.8	464.2	484.2	482.5
77.5°	352.3	290.5	227.1	215.4	253.8	307.2	357.3	404.1	424.1	430.8	425.8
80°	178.7	151.9	141.9	146.9	170.3	228.7	312.2	367.3	382.3	387.4	382.3
82.5°	56.8	51.8	56.8	75.1	113.5	180.3	252.1	332.3	350.6	350.6	349.0
85°	3.3	3.3	3.3	33.4	78.5	133.6	197.0	290.5	328.9	325.6	320.6
87.5°	1.7	1.7	1.7	21.7	61.8	111.9	173.6	263.8	313.9	290.5	273.8
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

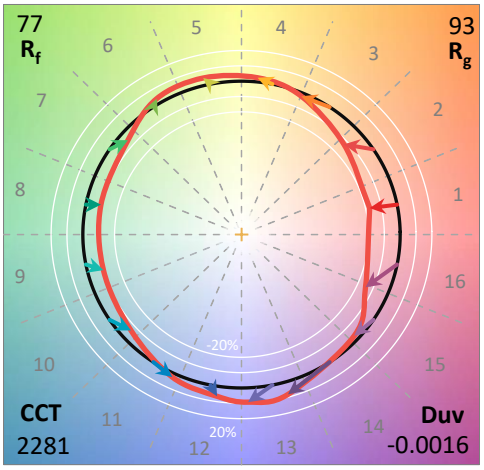
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

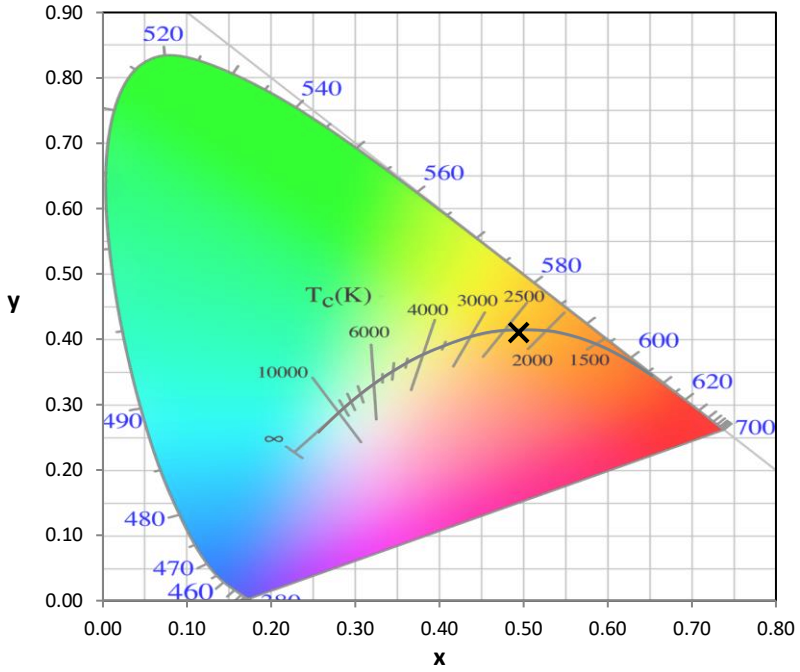
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

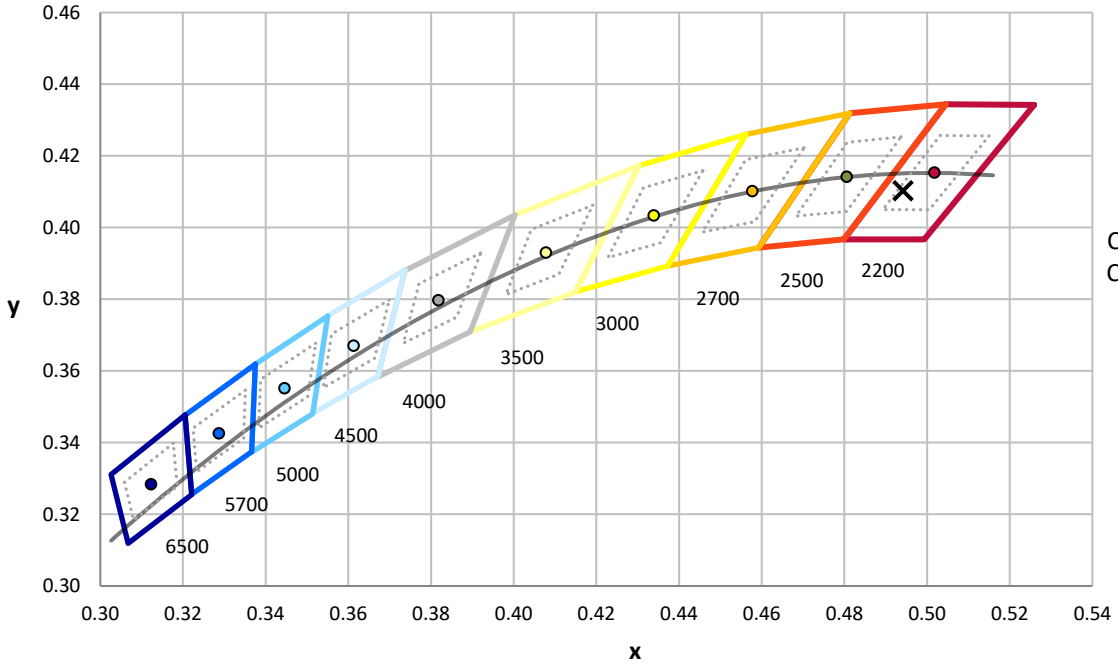
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

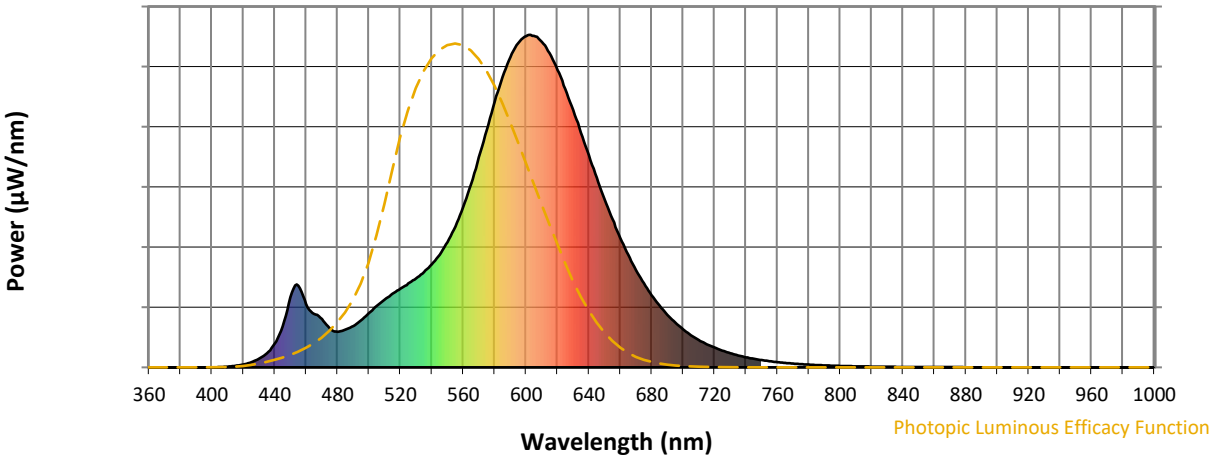


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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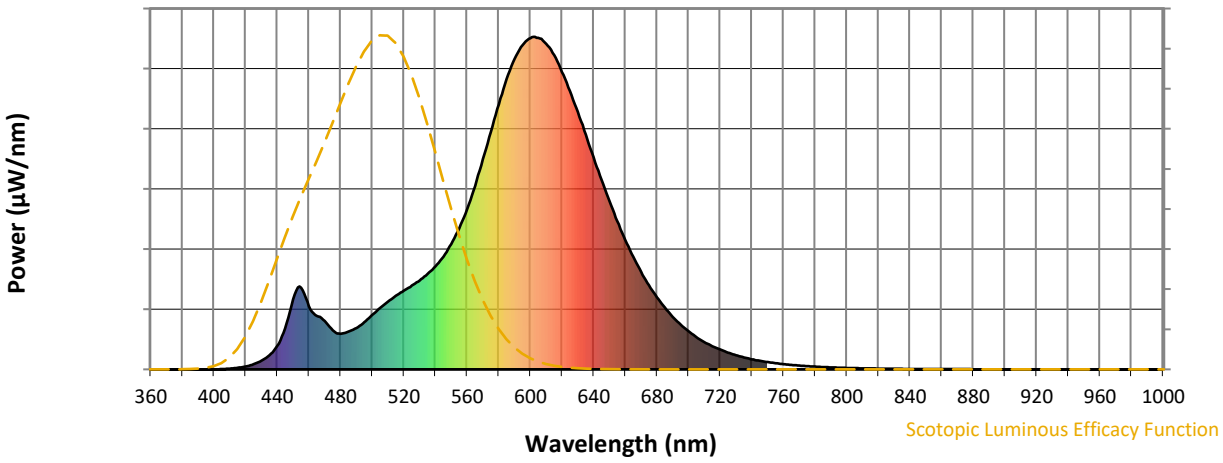
Scotopic Flux vs. Wavelength



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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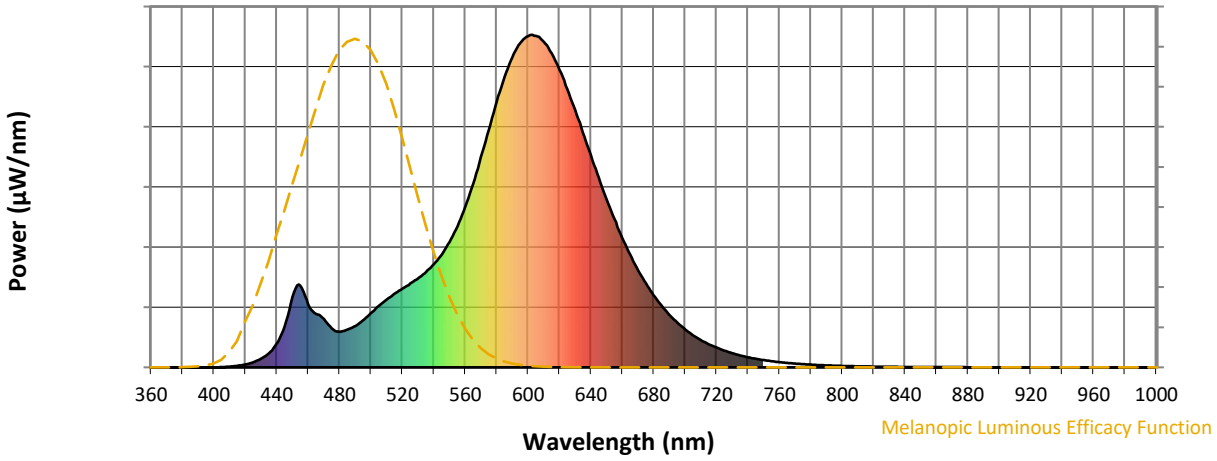
Melanopic Flux vs. Wavelength



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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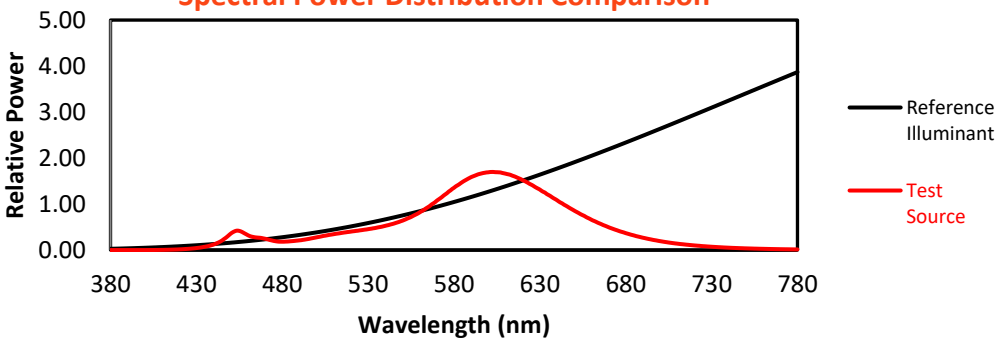
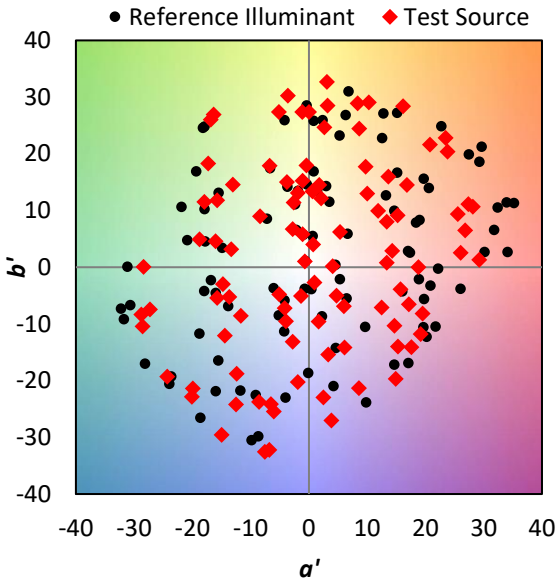
Summary

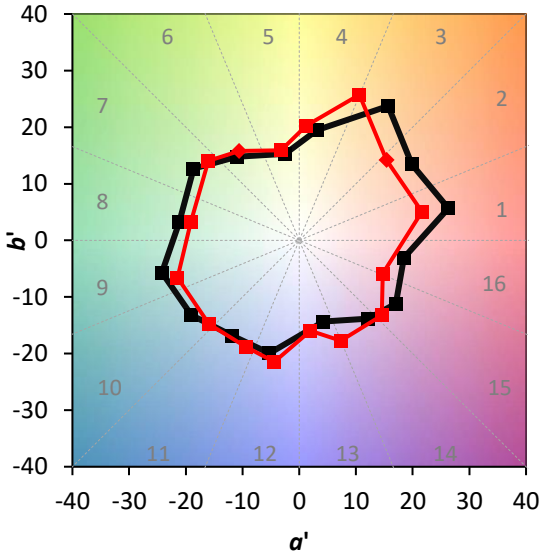
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

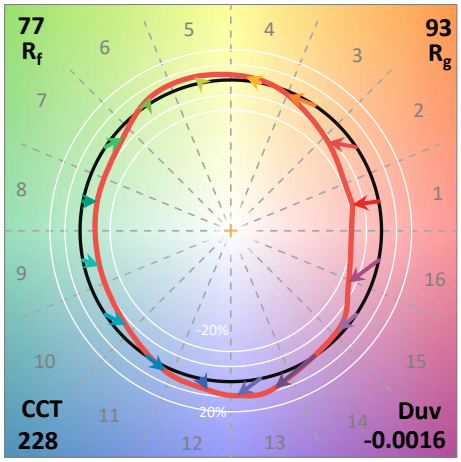
Spectral Power Distribution Comparison

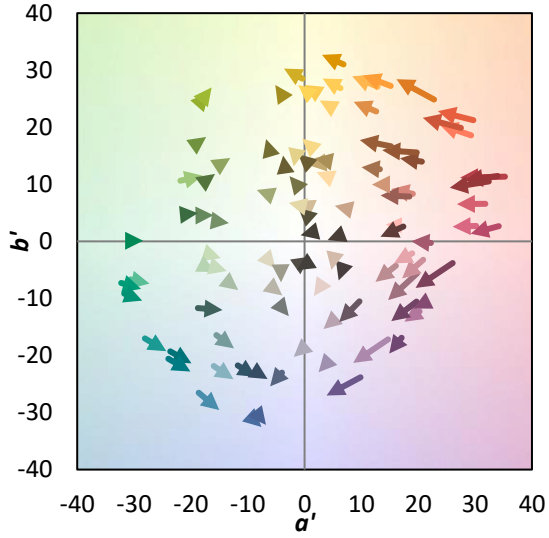


Color Vector Graphics









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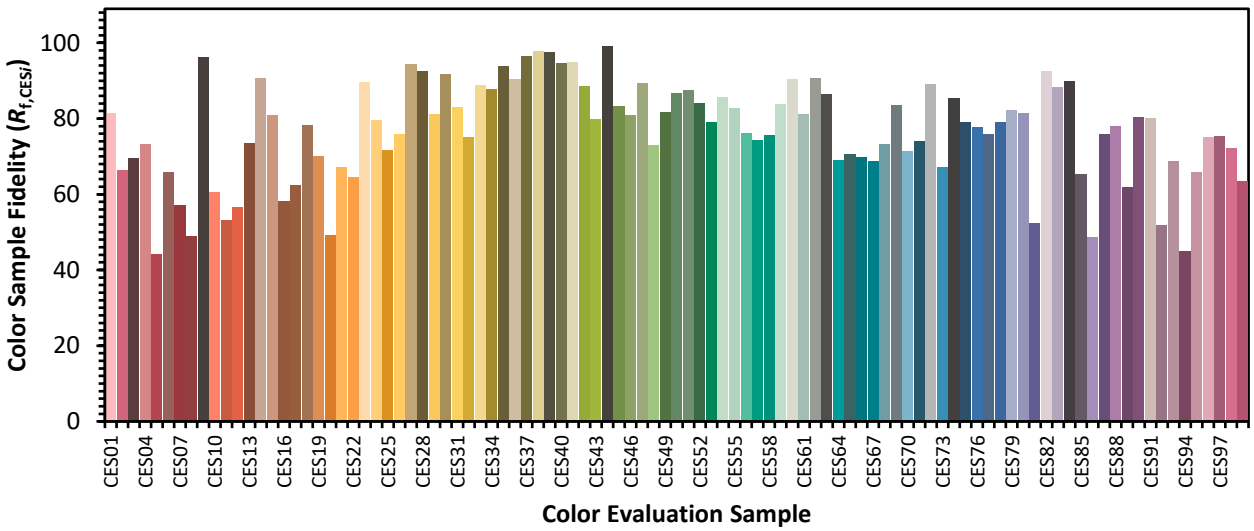
Individual Sample Fidelity Index ($R_{f,i}$)

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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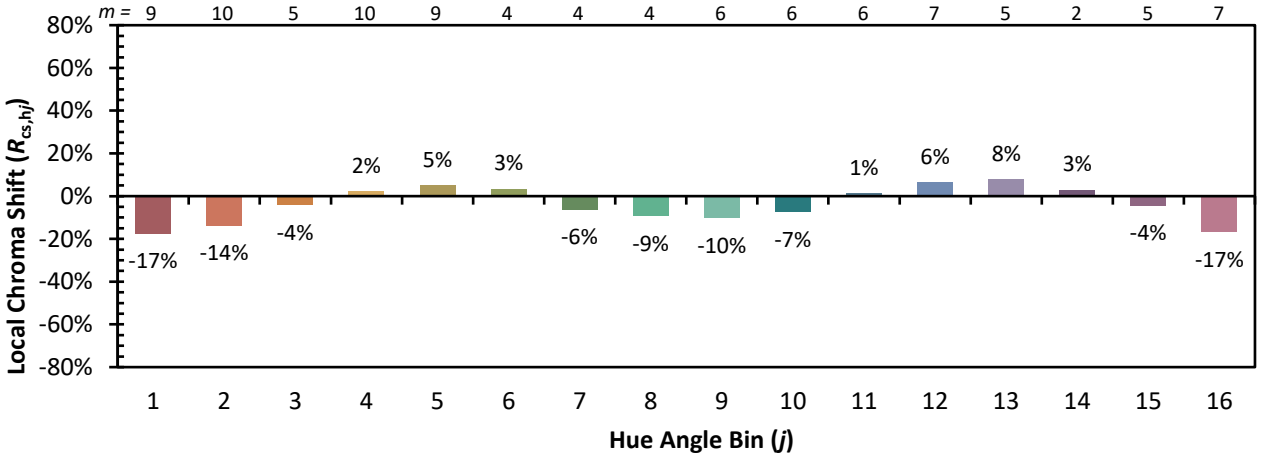
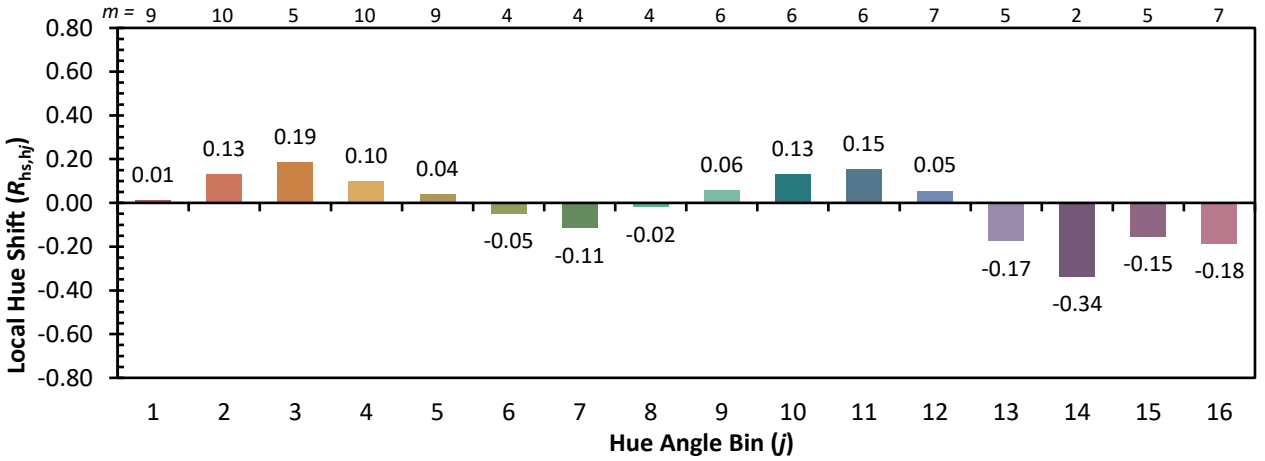
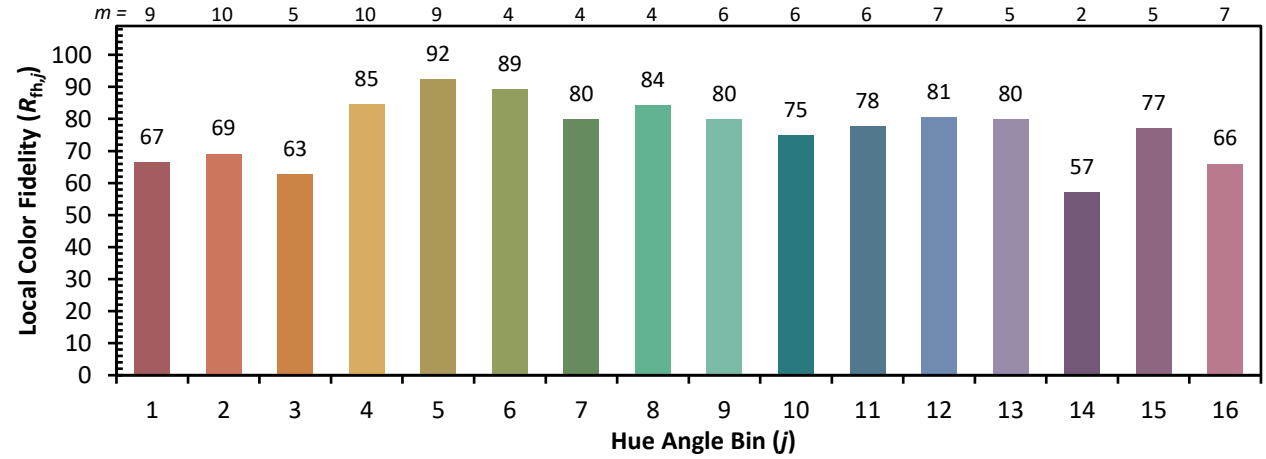
Color Rendition by Hue-Angle Bin







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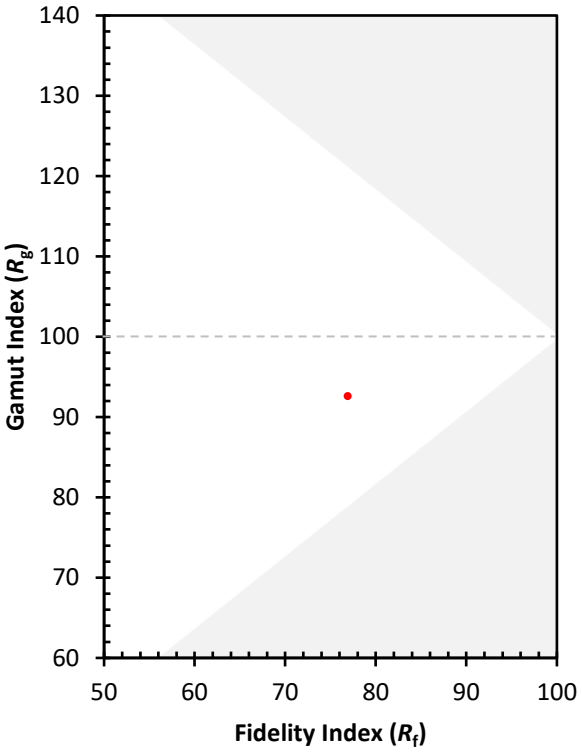
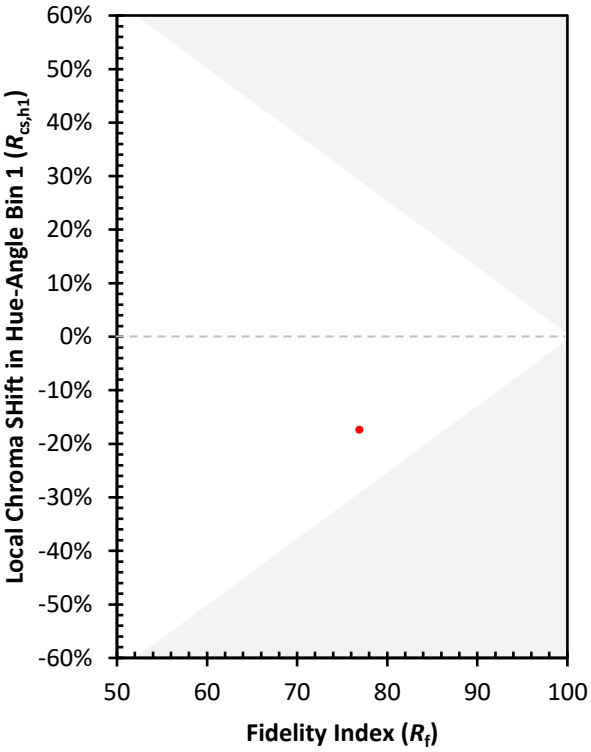
Measure Comparisons





(END OF REPORT)