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: P1211848

Luminaire Tested: **GKO-PB2D-830-U-T3**

Issue Date: 11/5/2025

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:	P1211848
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2D-830-U-T3
Description:	GEKKO WALL PACK 10000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9129.2 lumens
Efficiency:	N/A
Efficacy:	119.8 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):	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: P1211848
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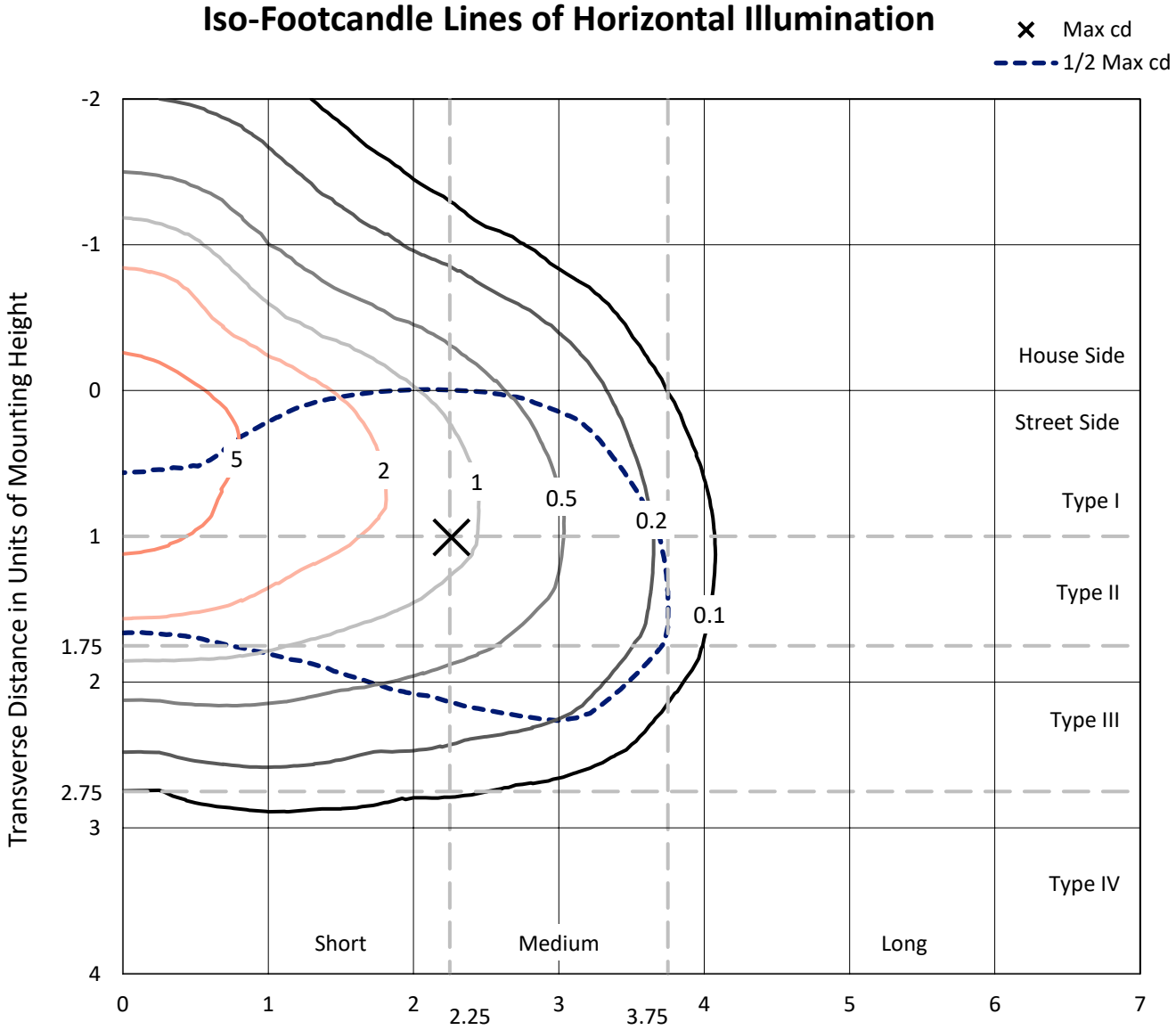
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 7.8 fc
Type III - Medium - N/A

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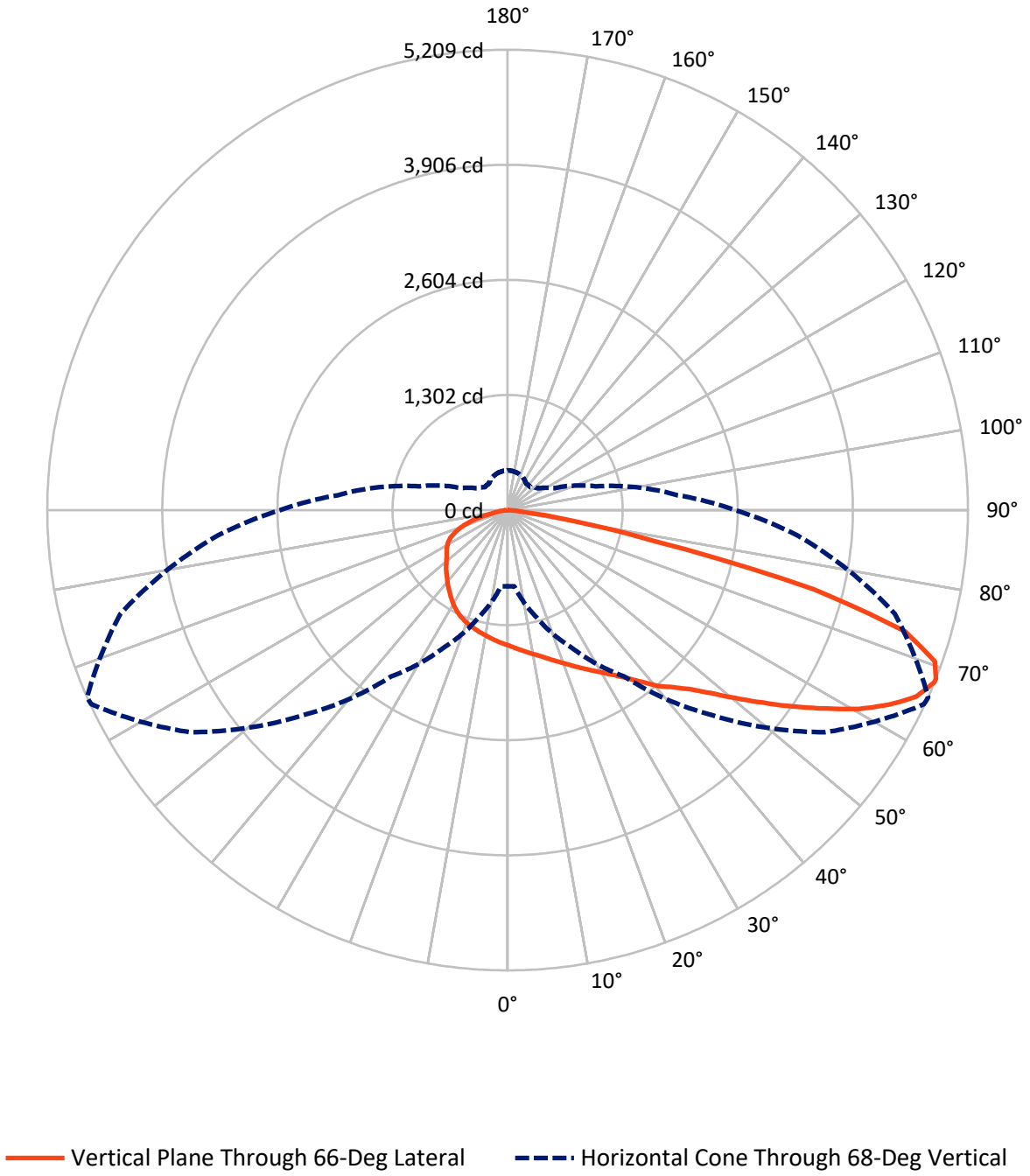
Luminous Intensity Polar Plot



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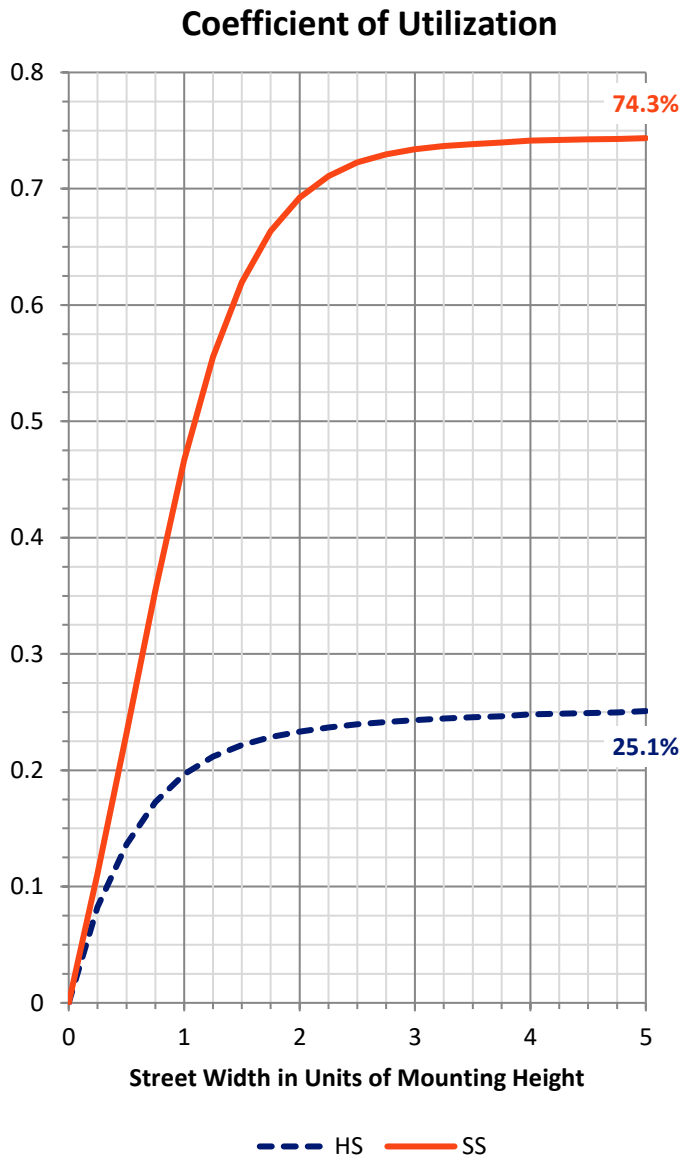
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2337.2	0.0	2337.2
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	6792.0	0.0	6792.0
	% Fixture	74.4	0.0	74.4
Total	Lumens	9129.2	0.0	9129.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.9	1.6
10°-20°	441.5	4.8
20°-30°	760.9	8.3
30°-40°	1180.2	12.9
40°-50°	1616.9	17.7
50°-60°	1928.7	21.1
60°-70°	1932.7	21.2
70°-80°	1022.7	11.2
80°-90°	98.7	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°	9129.2	100.0
0°-180°	9129.2	100.0



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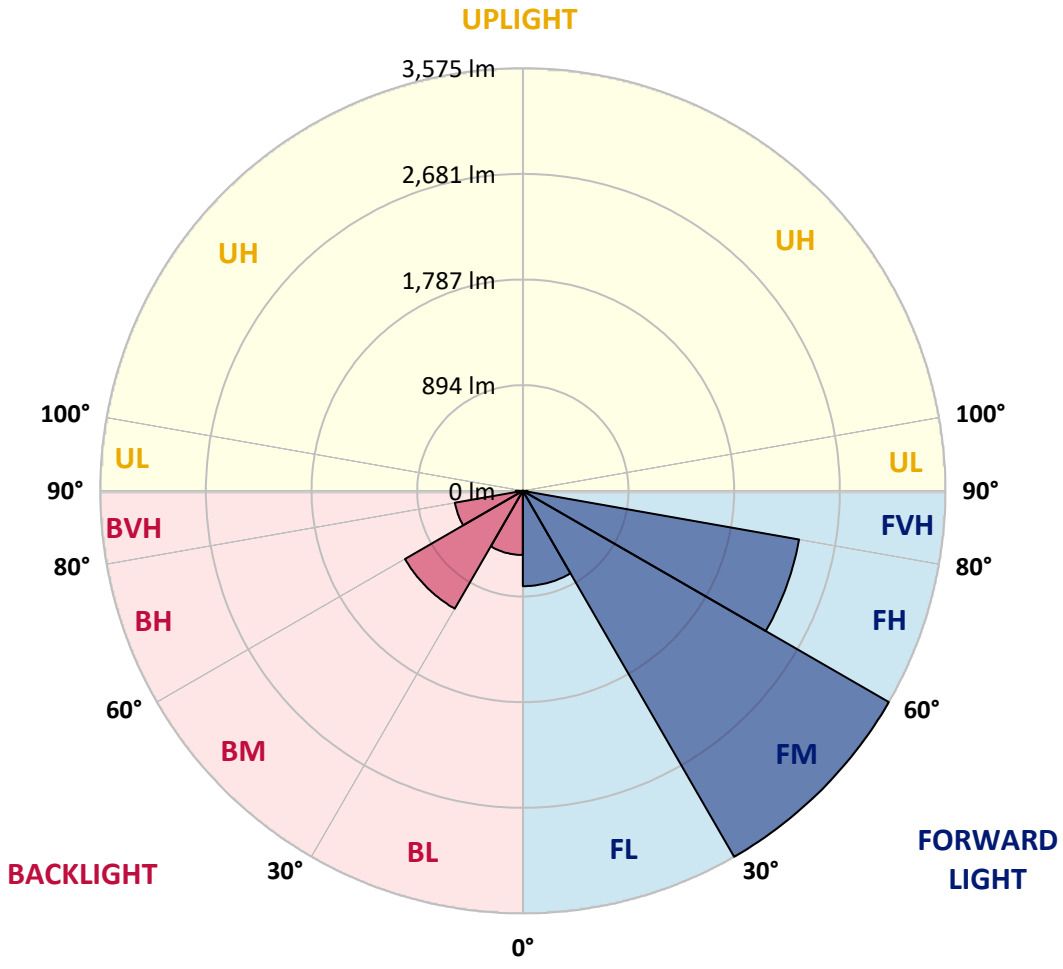
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	806.4	8.8			
FM	(30°-60°)	3574.5	39.2			
FH	(60°-80°)	2372.3	26.0			G2/5000
FVH	(80°-90°)	38.8	0.4			G1/100
BL	(0°-30°)	542.9	5.9	B2/1000		
BM	(30°-60°)	1151.3	12.6	B2/2500		
BH	(60°-80°)	583.1	6.4	B2/1000		G2/1000
BVH	(80°-90°)	59.9	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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REPORT NUMBER: P1211848
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2	*1531.2*	1531.2	1531.2
2.5°	1595.0	1595.0	1591.4	1589.7	1587.9	1577.2	1570.2	1561.3	*1561.3*	1547.1	1534.7
5°	1649.9	1651.7	1644.6	1644.6	1637.5	1623.3	1609.1	1591.4	*1591.4*	1570.2	1545.3
7.5°	1697.8	1703.1	1696.0	1696.0	1688.9	1672.9	1649.9	1625.1	*1625.1*	1595.0	1559.5
10°	1743.8	1747.4	1743.8	1747.4	1736.7	1722.6	1696.0	1662.3	*1660.5*	1623.3	1573.7
12.5°	1781.0	1784.6	1786.4	1791.7	1782.8	1772.2	1747.4	1704.8	*1699.5*	1655.2	1591.4
15°	1816.5	1820.0	1825.4	1832.4	1830.7	1821.8	1798.8	1750.9	*1747.4*	1690.7	1614.5
17.5°	1844.8	1846.6	1857.3	1871.4	1875.0	1876.7	1851.9	1802.3	*1798.8*	1731.4	1639.3
20°	1885.6	1889.1	1899.8	1914.0	1924.6	1931.7	1912.2	1857.3	*1853.7*	1779.3	1671.2
22.5°	1977.8	1972.4	1977.8	1977.8	1983.1	1993.7	1979.5	1924.6	*1917.5*	1836.0	1710.2
25°	2151.4	2146.1	2131.9	2100.0	2064.6	2062.8	2046.9	1993.7	*1984.8*	1894.5	1747.4
27.5°	2394.2	2381.8	2355.2	2287.9	2202.8	2147.9	2123.1	2068.1	*2057.5*	1952.9	1782.8
30°	2651.2	2665.4	2621.1	2528.9	2373.0	2256.0	2208.1	2146.1	*2137.3*	2018.5	1825.4
32.5°	2950.7	2952.5	2908.2	2780.6	2578.5	2392.4	2310.9	2234.7	*2227.6*	2094.7	1882.1
35°	3124.4	3131.5	3112.0	2993.2	2762.8	2543.1	2435.0	2342.8	*2337.5*	2190.4	1952.9
37.5°	3305.1	3321.1	3290.9	3159.8	2902.8	2683.1	2573.2	2472.2	*2466.9*	2300.3	2041.6
40°	3572.7	3565.6	3533.7	3340.6	3034.0	2800.1	2709.7	2629.9	*2617.5*	2435.0	2131.9
42.5°	3765.9	3783.6	3714.5	3496.5	3177.5	2917.0	2846.1	2755.7	*2739.8*	2516.5	2185.1
45°	3831.5	3815.5	3739.3	3579.8	3365.4	3023.3	2975.5	2906.4	*2890.4*	2660.0	2289.7
47.5°	3845.6	3817.3	3749.9	3629.4	3524.9	3161.6	3133.2	3117.3	*3094.2*	2840.8	2415.5
50°	3758.8	3739.3	3707.4	3647.2	3627.7	3290.9	3305.1	3363.6	*3344.1*	3035.8	2555.5
52.5°	3562.1	3553.2	3581.6	3620.6	3569.2	3402.6	3508.9	3627.7	*3620.6*	3250.2	2706.1
55°	3191.7	3191.7	3351.2	3487.7	3517.8	3475.3	3728.7	3932.5	*3923.6*	3491.2	2849.7
57.5°	2853.2	2858.5	2991.4	3298.0	3425.6	3553.2	3973.2	4251.5	*4237.3*	3762.3	3000.3
60°	2426.1	2426.1	2628.2	3012.7	3292.7	3613.5	4189.4	4559.8	*4568.7*	4024.6	3149.2
62.5°	1921.0	1926.4	2206.4	2658.3	3101.3	3624.1	4361.3	4850.5	*4848.7*	4262.1	3264.4
65°	1416.0	1417.7	1798.8	2264.9	2814.2	3549.7	4455.3	5073.8	*5084.4*	4450.0	3331.7
67.5°	919.8	937.5	1323.8	1837.8	2408.4	3338.8	4405.7	5192.5	*5204.9*	4536.8	3310.4
68°	*861.3*	*864.8*	*1252.9*	*1720.8*	*2298.5*	*3285.6*	*4382.6*	*5197.8*	*5208.5*	*4535.0*	*3289.2*
70°	558.2	558.2	896.7	1343.3	1834.2	2954.2	4182.4	5114.5	*5126.9*	4457.0	3135.0
72.5°	301.3	306.6	512.2	813.4	1252.9	2286.1	3774.8	4680.3	*4701.6*	4029.9	2741.6
75°	210.9	214.4	297.7	455.5	682.3	1488.6	2950.7	3576.3	*3572.7*	2784.1	1717.2
77.5°	152.4	152.4	170.1	283.5	358.0	680.5	1460.3	1722.6	*1703.1*	1359.3	866.6
80°	99.2	99.2	106.3	148.9	171.9	207.3	446.6	746.1	*760.3*	662.8	432.4
82.5°	40.8	42.5	46.1	60.3	62.0	86.8	127.6	214.4	*207.3*	168.4	122.3
85°	5.3	5.3	7.1	8.9	10.6	19.5	17.7	17.7	*17.7*	21.3	19.5
87.5°	0.0	0.0	0.0	0.0	0.0	1.8	3.5	5.3	*5.3*	7.1	5.3
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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REPORT NUMBER: P1211848
CATALOG NUMBER: GKO-PB2D-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2	1531.2
2.5°	1531.2	1531.2	1520.5	1509.9	1499.3	1490.4	1478.0	1469.1	1470.9	1476.2	1474.5
5°	1540.0	1531.2	1509.9	1486.9	1469.1	1453.2	1430.2	1417.7	1416.0	1419.5	1417.7
7.5°	1545.3	1531.2	1499.3	1463.8	1435.5	1414.2	1382.3	1369.9	1364.6	1366.4	1366.4
10°	1556.0	1532.9	1488.6	1439.0	1403.6	1373.4	1339.8	1322.1	1316.7	1316.7	1315.0
12.5°	1568.4	1536.5	1478.0	1417.7	1371.7	1336.2	1297.2	1277.7	1272.4	1272.4	1270.7
15°	1580.8	1541.8	1467.4	1394.7	1341.5	1299.0	1261.8	1238.8	1231.7	1231.7	1235.2
17.5°	1596.7	1547.1	1456.7	1373.4	1309.6	1261.8	1222.8	1199.8	1190.9	1196.2	1199.8
20°	1612.7	1557.8	1446.1	1350.4	1277.7	1228.1	1189.1	1166.1	1157.2	1166.1	1167.9
22.5°	1635.7	1566.6	1433.7	1323.8	1245.8	1190.9	1155.5	1134.2	1128.9	1137.7	1144.8
25°	1658.8	1577.2	1417.7	1295.5	1205.1	1151.9	1123.6	1107.6	1109.4	1121.8	1128.9
27.5°	1683.6	1586.1	1401.8	1260.0	1160.8	1111.2	1089.9	1086.3	1093.4	1107.6	1116.5
30°	1713.7	1598.5	1380.5	1219.3	1111.2	1066.9	1058.0	1068.6	1081.0	1095.2	1104.1
32.5°	1752.7	1614.5	1359.3	1173.2	1059.8	1019.0	1033.2	1056.2	1070.4	1084.6	1093.4
35°	1807.6	1646.4	1346.9	1127.1	1004.8	978.2	1010.1	1047.4	1058.0	1066.9	1077.5
37.5°	1871.4	1688.9	1341.5	1084.6	955.2	942.8	987.1	1031.4	1035.0	1038.5	1049.1
40°	1933.5	1720.8	1327.4	1038.5	903.8	903.8	958.8	1001.3	999.5	994.2	1001.3
42.5°	1958.3	1717.2	1286.6	994.2	863.1	864.8	914.4	955.2	944.6	944.6	955.2
45°	2029.2	1745.6	1256.5	958.8	825.8	818.7	857.7	889.6	907.4	930.4	941.0
47.5°	2119.5	1784.6	1233.4	918.0	790.4	767.4	788.6	841.8	871.9	896.7	905.6
50°	2213.5	1828.9	1212.2	875.5	755.0	708.9	719.5	778.0	804.6	817.0	822.3
52.5°	2309.2	1869.7	1196.2	840.0	714.2	639.8	662.8	717.7	737.2	744.3	747.9
55°	2394.2	1903.3	1182.0	809.9	668.1	584.8	602.5	659.3	673.4	680.5	685.8
57.5°	2484.6	1940.5	1173.2	781.5	616.7	537.0	549.4	600.8	620.3	627.4	632.7
60°	2564.4	1976.0	1166.1	751.4	568.9	494.4	501.5	551.1	572.4	576.0	581.3
62.5°	2617.5	1999.0	1155.5	714.2	524.6	453.7	455.5	503.3	526.3	529.9	533.4
65°	2631.7	1993.7	1123.6	664.6	480.3	412.9	412.9	459.0	483.8	496.2	501.5
67.5°	2589.2	1949.4	1056.2	600.8	437.7	375.7	375.7	416.5	443.0	457.2	462.5
68°	*2575.0*	*1929.9*	*1035.0*	*584.8*	*427.1*	*366.8*	*366.8*	*409.4*	*434.2*	*446.6*	*450.1*
70°	2454.5	1834.2	937.5	524.6	393.4	340.3	340.3	377.5	404.1	404.1	402.3
72.5°	2131.9	1589.7	770.9	439.5	343.8	301.3	306.6	342.0	350.9	359.8	358.0
75°	1320.3	951.7	517.5	347.3	288.9	264.1	274.7	306.6	311.9	331.4	326.1
77.5°	661.0	466.1	274.7	202.0	223.3	226.8	246.3	269.4	285.3	306.6	292.4
80°	326.1	226.8	161.3	125.8	131.1	166.6	214.4	232.2	260.5	274.7	262.3
82.5°	90.4	69.1	65.6	69.1	97.5	129.4	168.4	205.6	242.8	255.2	237.5
85°	15.9	12.4	10.6	33.7	67.3	95.7	136.5	182.5	218.0	209.1	196.7
87.5°	5.3	3.5	3.5	21.3	49.6	78.0	117.0	163.0	186.1	168.4	150.6
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: SP3-2511-595-4

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-830-U-T4W

Data in this report applies to families of products including GKO-PB1C-830*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

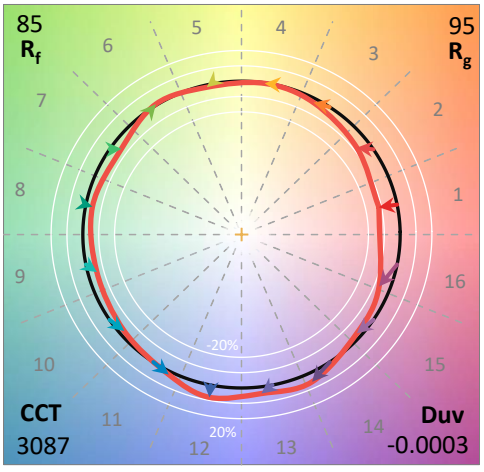
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-595-4
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	01/27/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GKO-PB1C-830-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3087
CIE u':	0.2477
CIE v':	0.5192
Duv:	-0.0003
CIE x:	0.4305
CIE y:	0.4010
CIE z:	0.1685
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	582
Purity:	49.5752
Rf:	84.7
Rg:	94.9

CRI (Ra):	82.7
R1:	81.5
R2:	92.1
R3:	95.2
R4:	80.4
R5:	81.9
R6:	90.5
R7:	82.0
R8:	58.3
R9:	5.8
R10:	82.0
R11:	80.1
R12:	71.1
R13:	84.2
R14:	98.1
R15:	73.7



Test Conditions

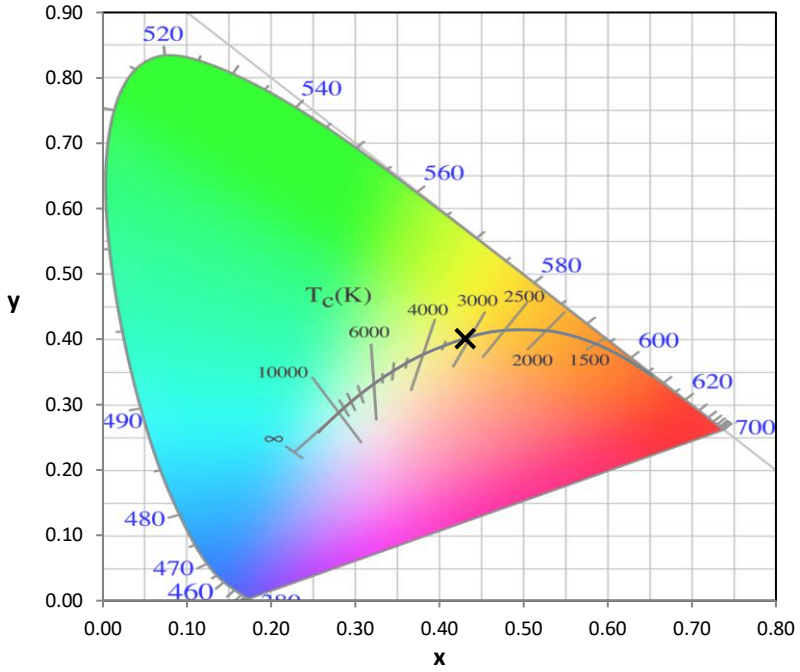
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-4

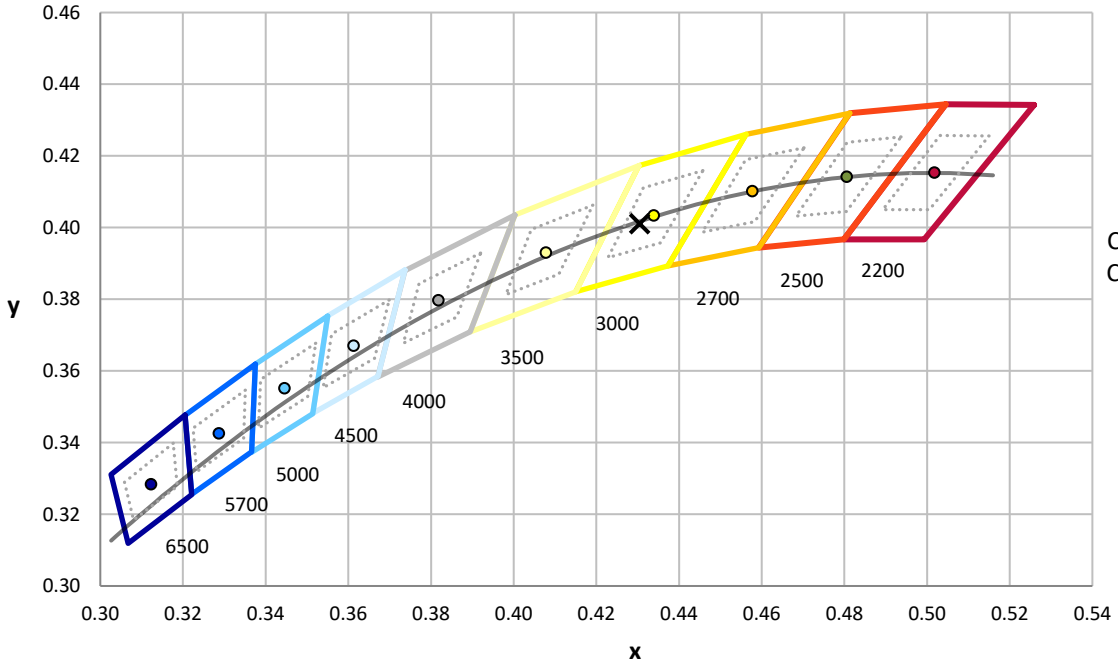
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534	10/20/2025	10/20/2026
Sphere Thermometer	TANDD IN4036E	10/21/2025	10/21/2026

REPORT NUMBER: SP3-2511-595-4

CIE 1931 Chromaticity Diagram



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

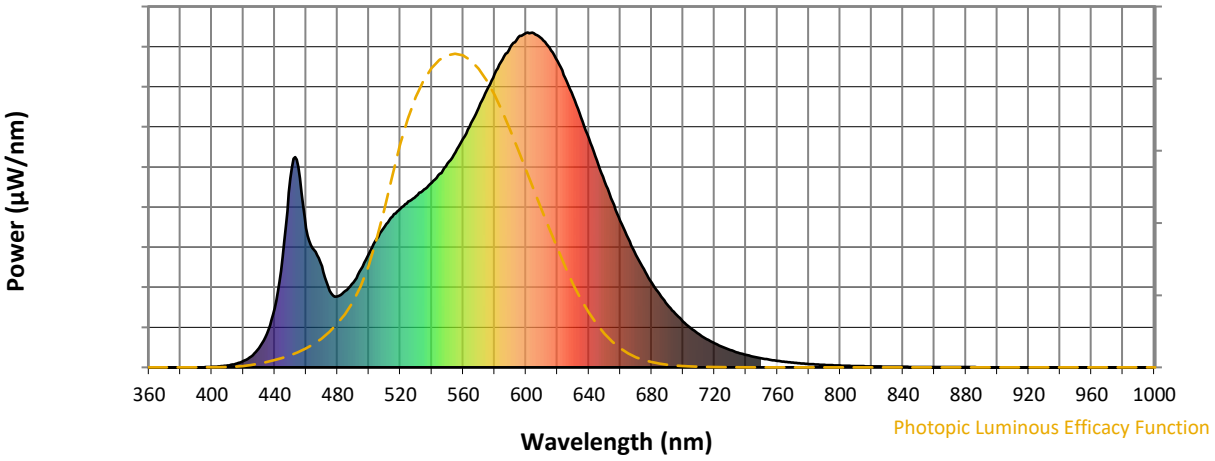


CCT = 3087K
CIE x = 0.4305
CIE y = 0.4010
Duv = -0.0003

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-4

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	253	NR	620	915	NR	750	27	NR	880	1	NR
365	0	NR	495	293	NR	625	864	NR	755	23	NR	885	1	NR
370	0	NR	500	340	NR	630	809	NR	760	19	NR	890	0	NR
375	0	NR	505	384	NR	635	748	NR	765	16	NR	895	0	NR
380	0	NR	510	420	NR	640	684	NR	770	14	NR	900	0	NR
385	0	NR	515	450	NR	645	619	NR	775	12	NR	905	0	NR
390	0	NR	520	474	NR	650	556	NR	780	10	NR	910	0	NR
395	0	NR	525	495	NR	655	495	NR	785	9	NR	915	0	NR
400	2	NR	530	511	NR	660	437	NR	790	7	NR	920	0	NR
405	3	NR	535	531	NR	665	385	NR	795	6	NR	925	0	NR
410	6	NR	540	551	NR	670	336	NR	800	5	NR	930	0	NR
415	10	NR	545	578	NR	675	293	NR	805	5	NR	935	0	NR
420	19	NR	550	609	NR	680	253	NR	810	4	NR	940	0	NR
425	33	NR	555	642	NR	685	219	NR	815	3	NR	945	0	NR
430	58	NR	560	683	NR	690	187	NR	820	3	NR	950	0	NR
435	101	NR	565	730	NR	695	161	NR	825	2	NR	955	0	NR
440	176	NR	570	776	NR	700	137	NR	830	2	NR	960	0	NR
445	329	NR	575	827	NR	705	117	NR	835	2	NR	965	0	NR
450	565	NR	580	876	NR	710	100	NR	840	2	NR	970	0	NR
455	599	NR	585	919	NR	715	84	NR	845	1	NR	975	0	NR
460	416	NR	590	958	NR	720	72	NR	850	1	NR	980	0	NR
465	350	NR	595	985	NR	725	61	NR	855	1	NR	985	0	NR
470	302	NR	600	998	NR	730	52	NR	860	1	NR	990	0	NR
475	229	NR	605	998	NR	735	44	NR	865	1	NR	995	0	NR
480	212	NR	610	982	NR	740	37	NR	870	1	NR	1000	0	NR
485	228	NR	615	955	NR	745	32	NR	875	1	NR			

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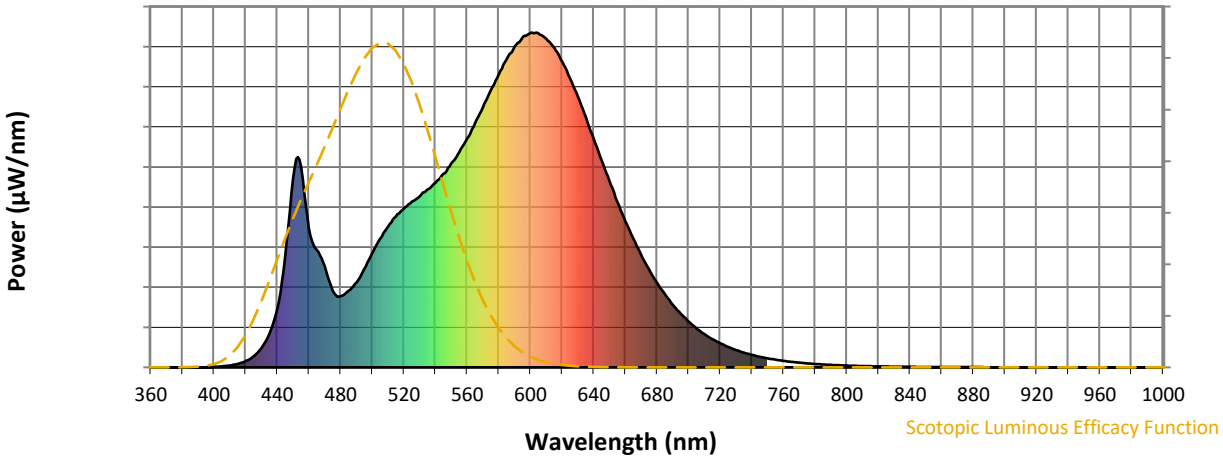
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.4**

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	253	NR	620	915	NR	750	27	NR	880	1	NR
365	0	NR	495	293	NR	625	864	NR	755	23	NR	885	1	NR
370	0	NR	500	340	NR	630	809	NR	760	19	NR	890	0	NR
375	0	NR	505	384	NR	635	748	NR	765	16	NR	895	0	NR
380	0	NR	510	420	NR	640	684	NR	770	14	NR	900	0	NR
385	0	NR	515	450	NR	645	619	NR	775	12	NR	905	0	NR
390	0	NR	520	474	NR	650	556	NR	780	10	NR	910	0	NR
395	0	NR	525	495	NR	655	495	NR	785	9	NR	915	0	NR
400	2	NR	530	511	NR	660	437	NR	790	7	NR	920	0	NR
405	3	NR	535	531	NR	665	385	NR	795	6	NR	925	0	NR
410	6	NR	540	551	NR	670	336	NR	800	5	NR	930	0	NR
415	10	NR	545	578	NR	675	293	NR	805	5	NR	935	0	NR
420	19	NR	550	609	NR	680	253	NR	810	4	NR	940	0	NR
425	33	NR	555	642	NR	685	219	NR	815	3	NR	945	0	NR
430	58	NR	560	683	NR	690	187	NR	820	3	NR	950	0	NR
435	101	NR	565	730	NR	695	161	NR	825	2	NR	955	0	NR
440	176	NR	570	776	NR	700	137	NR	830	2	NR	960	0	NR
445	329	NR	575	827	NR	705	117	NR	835	2	NR	965	0	NR
450	565	NR	580	876	NR	710	100	NR	840	2	NR	970	0	NR
455	599	NR	585	919	NR	715	84	NR	845	1	NR	975	0	NR
460	416	NR	590	958	NR	720	72	NR	850	1	NR	980	0	NR
465	350	NR	595	985	NR	725	61	NR	855	1	NR	985	0	NR
470	302	NR	600	998	NR	730	52	NR	860	1	NR	990	0	NR
475	229	NR	605	998	NR	735	44	NR	865	1	NR	995	0	NR
480	212	NR	610	982	NR	740	37	NR	870	1	NR	1000	0	NR
485	228	NR	615	955	NR	745	32	NR	875	1	NR			

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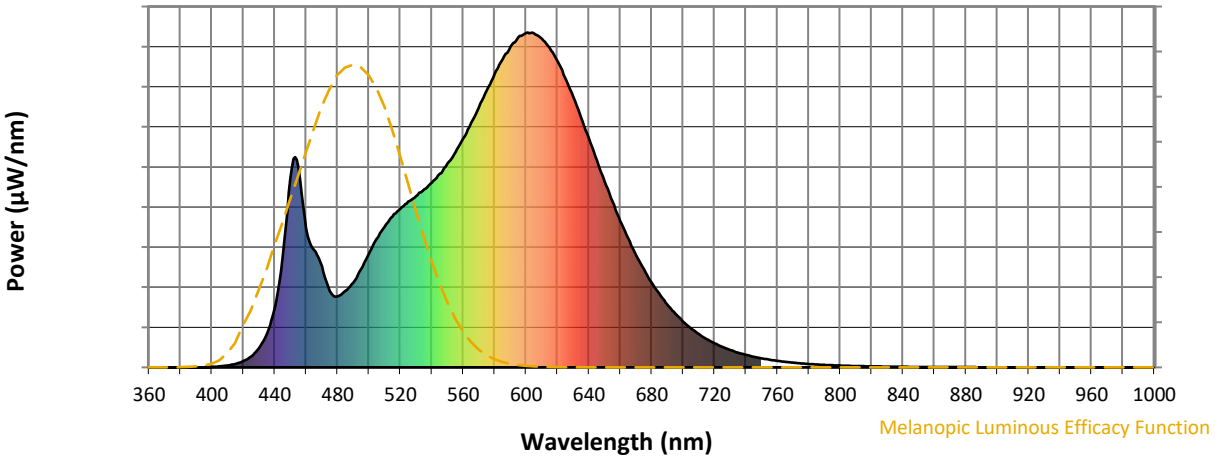
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.74**

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	253	NR	620	915	NR	750	27	NR	880	1	NR
365	0	NR	495	293	NR	625	864	NR	755	23	NR	885	1	NR
370	0	NR	500	340	NR	630	809	NR	760	19	NR	890	0	NR
375	0	NR	505	384	NR	635	748	NR	765	16	NR	895	0	NR
380	0	NR	510	420	NR	640	684	NR	770	14	NR	900	0	NR
385	0	NR	515	450	NR	645	619	NR	775	12	NR	905	0	NR
390	0	NR	520	474	NR	650	556	NR	780	10	NR	910	0	NR
395	0	NR	525	495	NR	655	495	NR	785	9	NR	915	0	NR
400	2	NR	530	511	NR	660	437	NR	790	7	NR	920	0	NR
405	3	NR	535	531	NR	665	385	NR	795	6	NR	925	0	NR
410	6	NR	540	551	NR	670	336	NR	800	5	NR	930	0	NR
415	10	NR	545	578	NR	675	293	NR	805	5	NR	935	0	NR
420	19	NR	550	609	NR	680	253	NR	810	4	NR	940	0	NR
425	33	NR	555	642	NR	685	219	NR	815	3	NR	945	0	NR
430	58	NR	560	683	NR	690	187	NR	820	3	NR	950	0	NR
435	101	NR	565	730	NR	695	161	NR	825	2	NR	955	0	NR
440	176	NR	570	776	NR	700	137	NR	830	2	NR	960	0	NR
445	329	NR	575	827	NR	705	117	NR	835	2	NR	965	0	NR
450	565	NR	580	876	NR	710	100	NR	840	2	NR	970	0	NR
455	599	NR	585	919	NR	715	84	NR	845	1	NR	975	0	NR
460	416	NR	590	958	NR	720	72	NR	850	1	NR	980	0	NR
465	350	NR	595	985	NR	725	61	NR	855	1	NR	985	0	NR
470	302	NR	600	998	NR	730	52	NR	860	1	NR	990	0	NR
475	229	NR	605	998	NR	735	44	NR	865	1	NR	995	0	NR
480	212	NR	610	982	NR	740	37	NR	870	1	NR	1000	0	NR
485	228	NR	615	955	NR	745	32	NR	875	1	NR			

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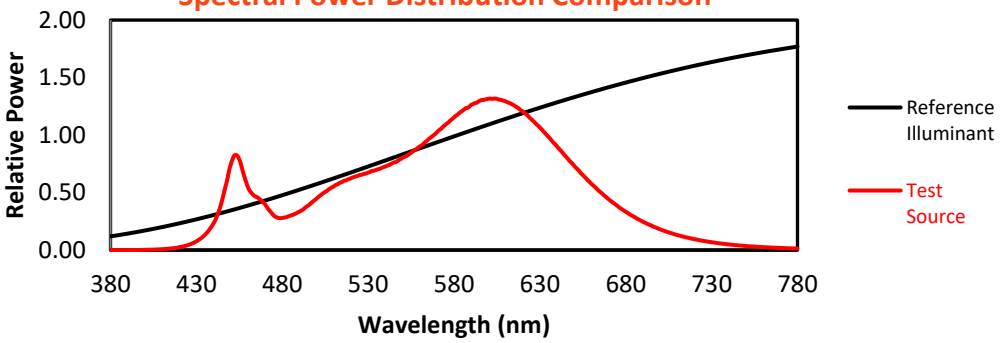
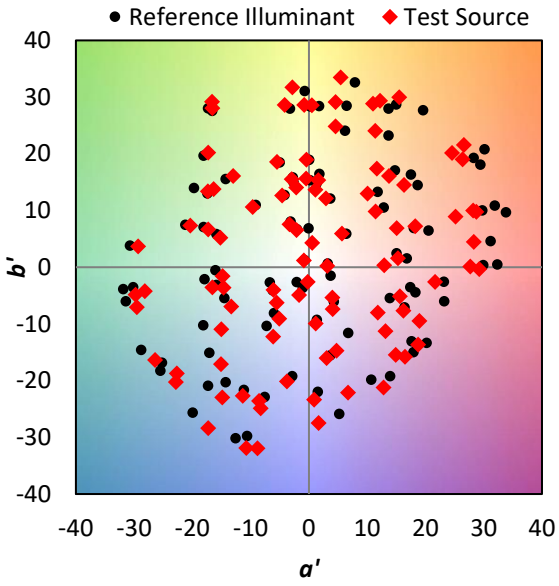
Summary

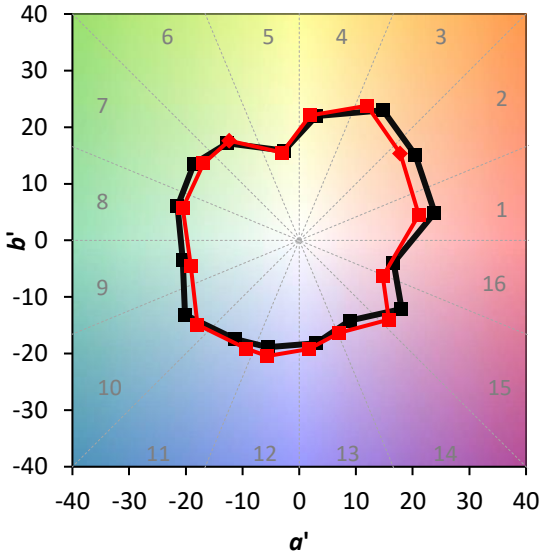
R_f = 84.7
R_g = 94.9
CIE R_a = 82.7
R_9 = 5.8

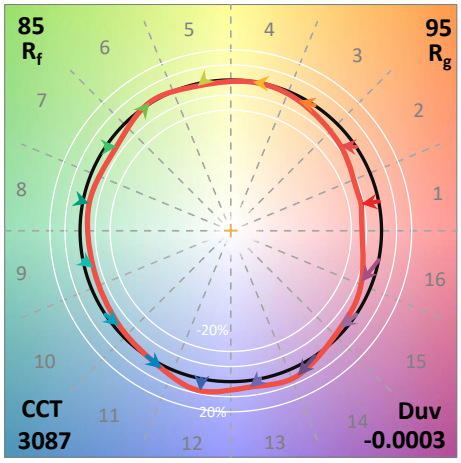
Spectral Power Distribution Comparison

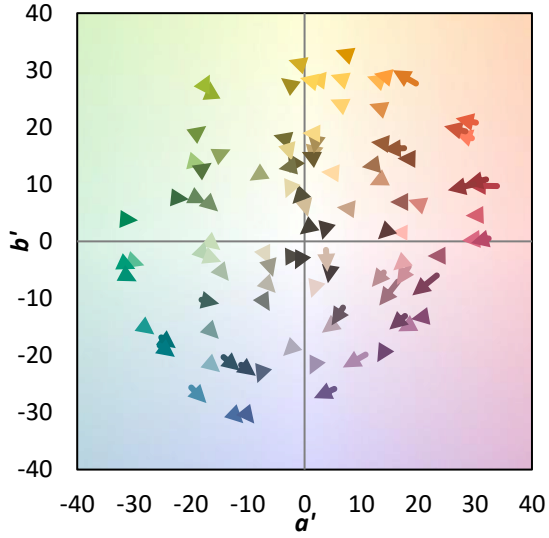


Color Vector Graphics









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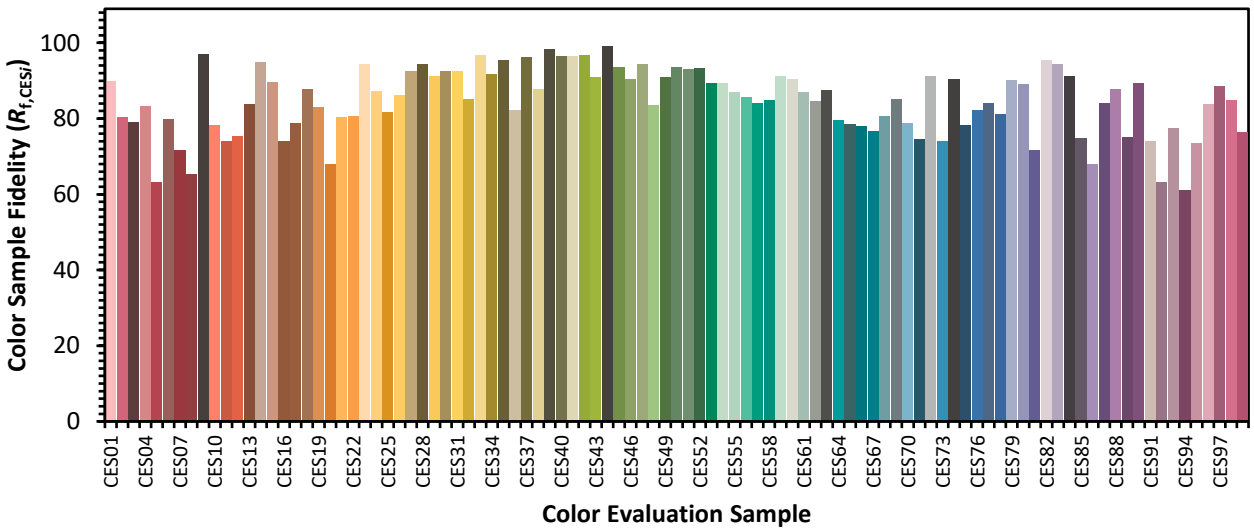
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 86	CES51 = 93	CES76 = 82
CES02 = 63	CES27 = 93	CES52 = 93	CES77 = 84
CES03 = 31	CES28 = 94	CES53 = 89	CES78 = 81
CES04 = 70	CES29 = 91	CES54 = 89	CES79 = 90
CES05 = 49	CES30 = 93	CES55 = 87	CES80 = 89
CES06 = 51	CES31 = 93	CES56 = 86	CES81 = 72
CES07 = 42	CES32 = 85	CES57 = 84	CES82 = 95
CES08 = 41	CES33 = 97	CES58 = 85	CES83 = 94
CES09 = 29	CES34 = 92	CES59 = 91	CES84 = 91
CES10 = 76	CES35 = 95	CES60 = 90	CES85 = 75
CES11 = 59	CES36 = 82	CES61 = 87	CES86 = 68
CES12 = 65	CES37 = 96	CES62 = 85	CES87 = 84
CES13 = 43	CES38 = 88	CES63 = 87	CES88 = 88
CES14 = 74	CES39 = 98	CES64 = 80	CES89 = 75
CES15 = 72	CES40 = 96	CES65 = 79	CES90 = 89
CES16 = 47	CES41 = 96	CES66 = 78	CES91 = 74
CES17 = 50	CES42 = 97	CES67 = 77	CES92 = 63
CES18 = 56	CES43 = 91	CES68 = 81	CES93 = 77
CES19 = 72	CES44 = 99	CES69 = 85	CES94 = 61
CES20 = 66	CES45 = 93	CES70 = 79	CES95 = 74
CES21 = 87	CES46 = 90	CES71 = 75	CES96 = 84
CES22 = 79	CES47 = 94	CES72 = 91	CES97 = 89
CES23 = 92	CES48 = 84	CES73 = 74	CES98 = 85
CES24 = 91	CES49 = 91	CES74 = 90	CES99 = 77
CES25 = 72	CES50 = 93	CES75 = 78	



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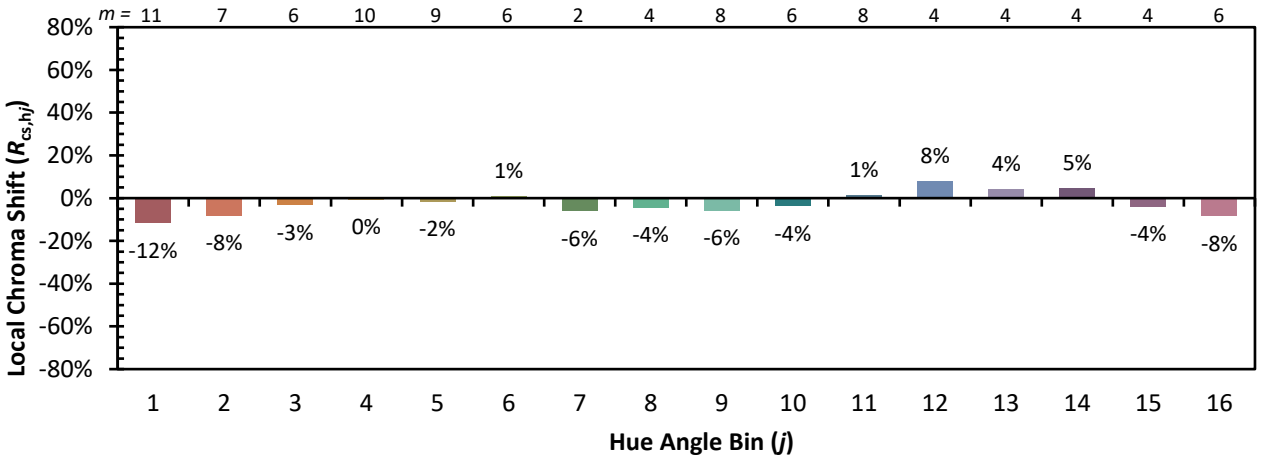
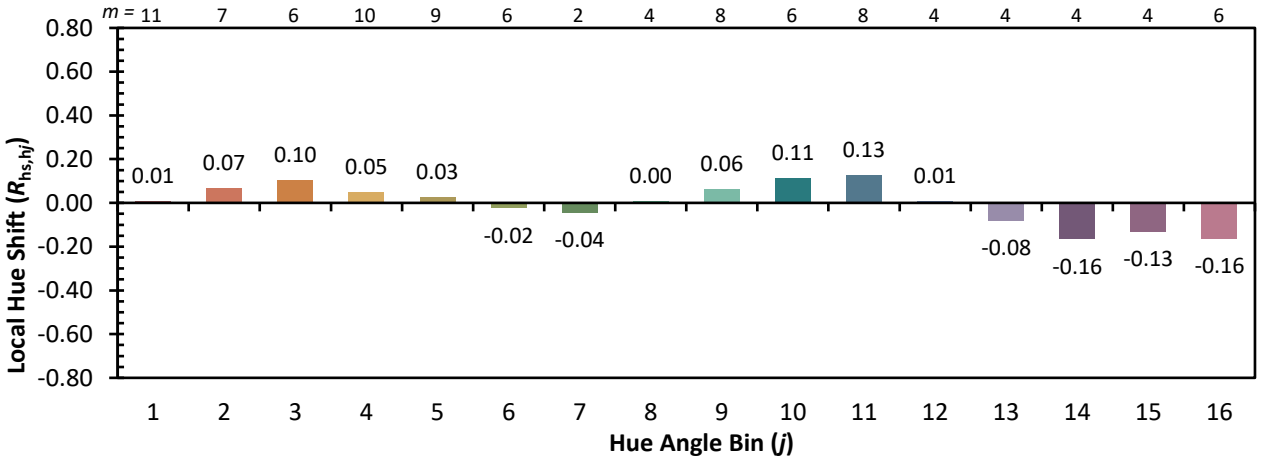
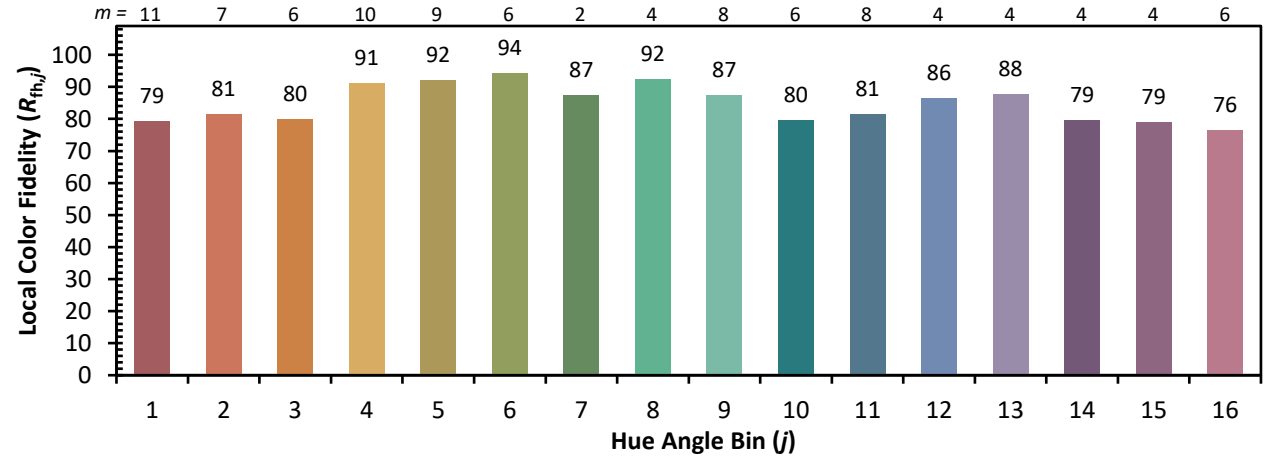
Color Rendition by Hue-Angle Bin







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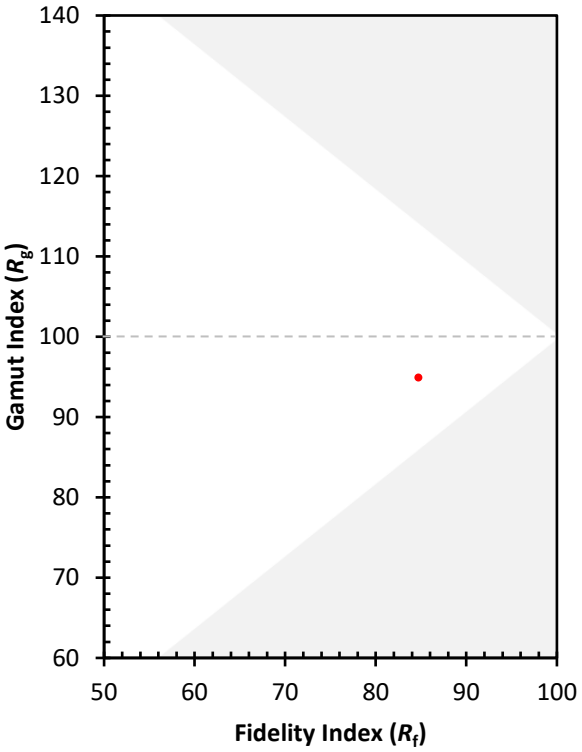
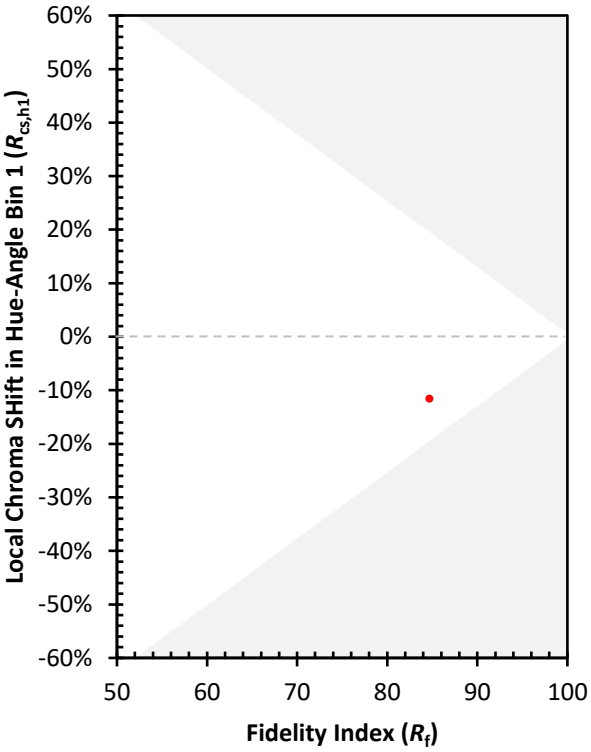
Measure Comparisons





(END OF REPORT)