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: P1211777

Luminaire Tested: **GKO-PB2E-827-U-T4W**

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:	P1211777
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-827-U-T4W
Description:	GEKKO WALL PACK 12000LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10515.8 lumens
Efficiency:	N/A
Efficacy:	100.4 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: P1211777
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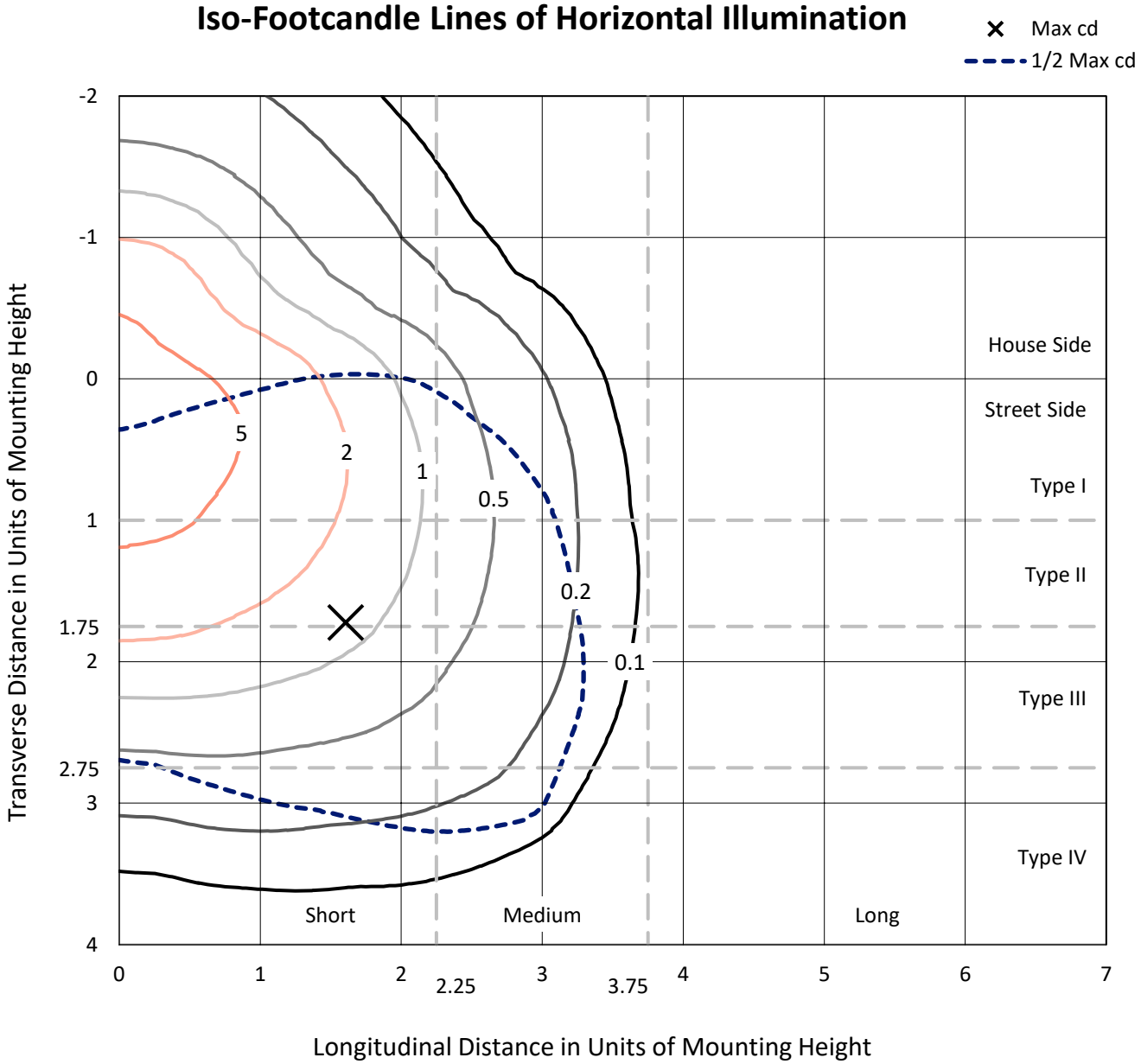
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 8.9 fc
Type IV - Short - N/A

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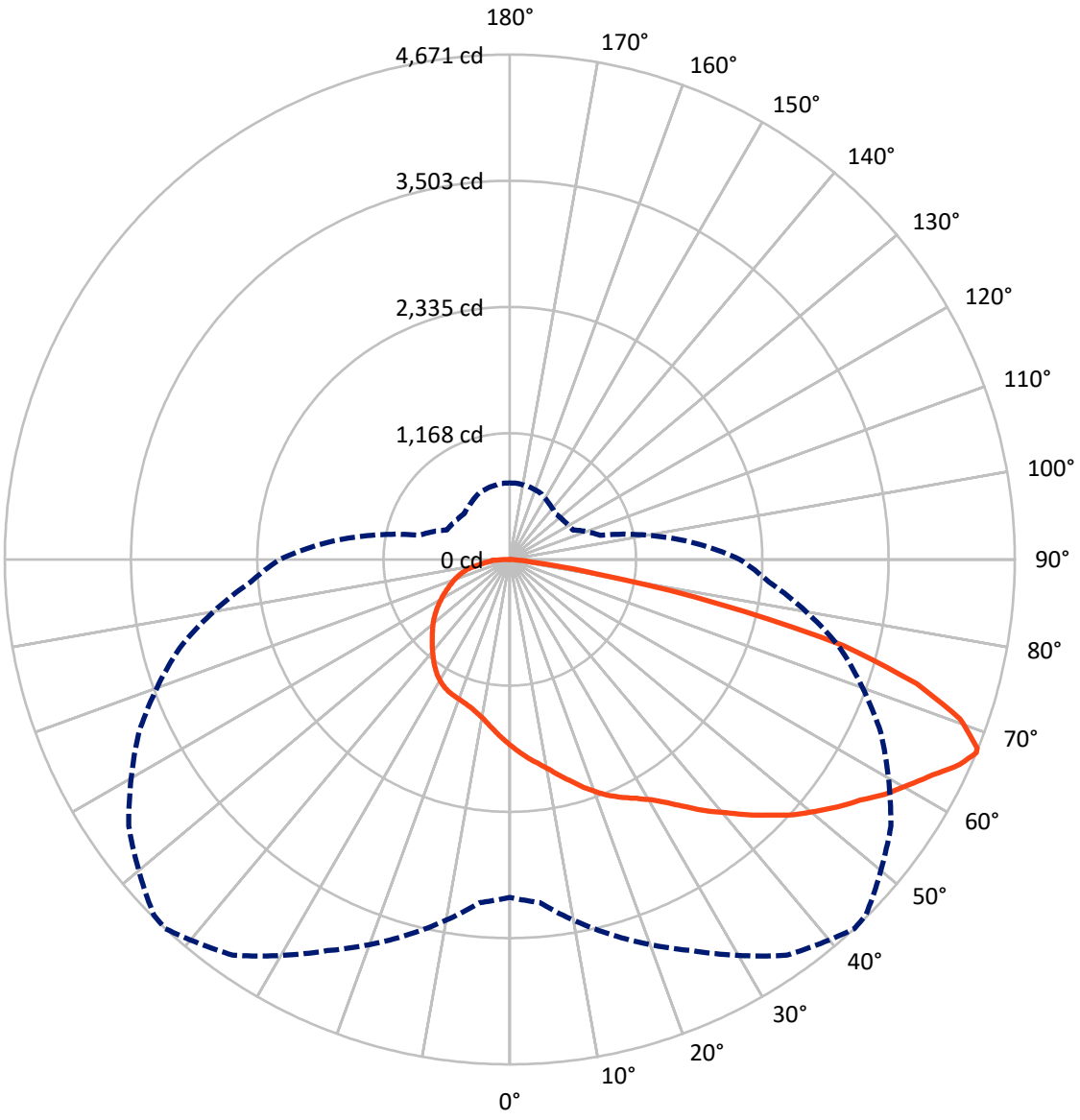
Luminous Intensity Polar Plot



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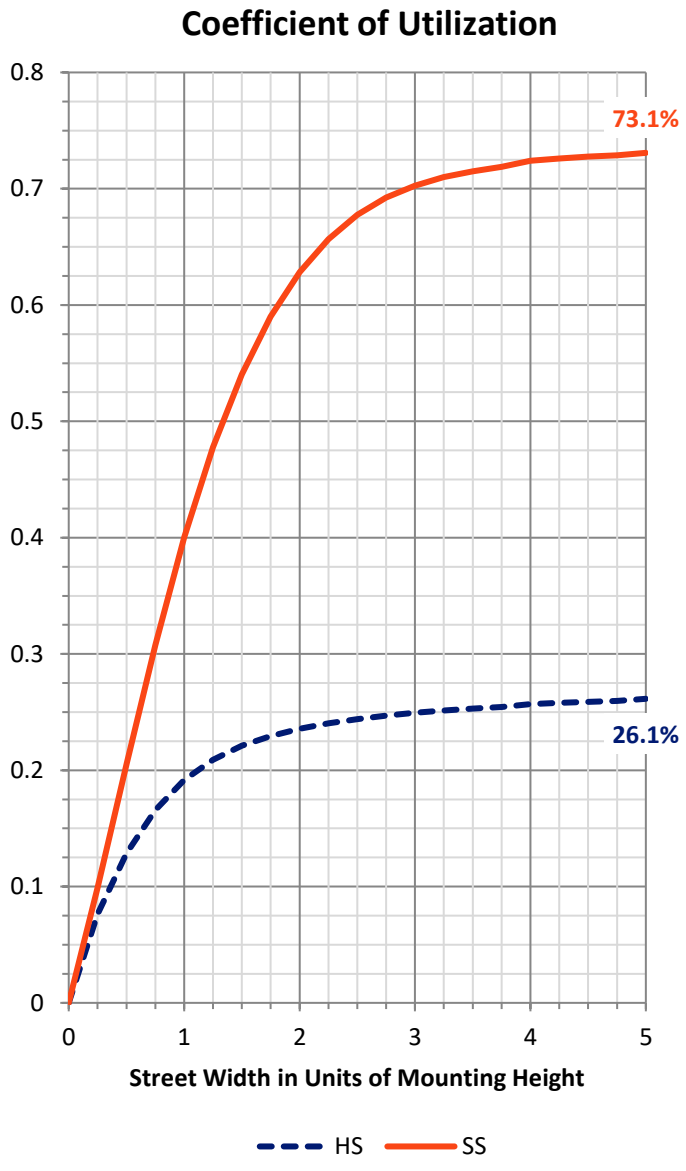
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2828.4	0.0	2828.4
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	7687.4	0.0	7687.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	10515.8	0.0	10515.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.0	1.6
10°-20°	507.1	4.8
20°-30°	877.9	8.3
30°-40°	1302.8	12.4
40°-50°	1769.9	16.8
50°-60°	2172.7	20.7
60°-70°	2289.9	21.8
70°-80°	1264.0	12.0
80°-90°	166.5	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°	10515.8	100.0
0°-180°	10515.8	100.0



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REPORT NUMBER: P1211777
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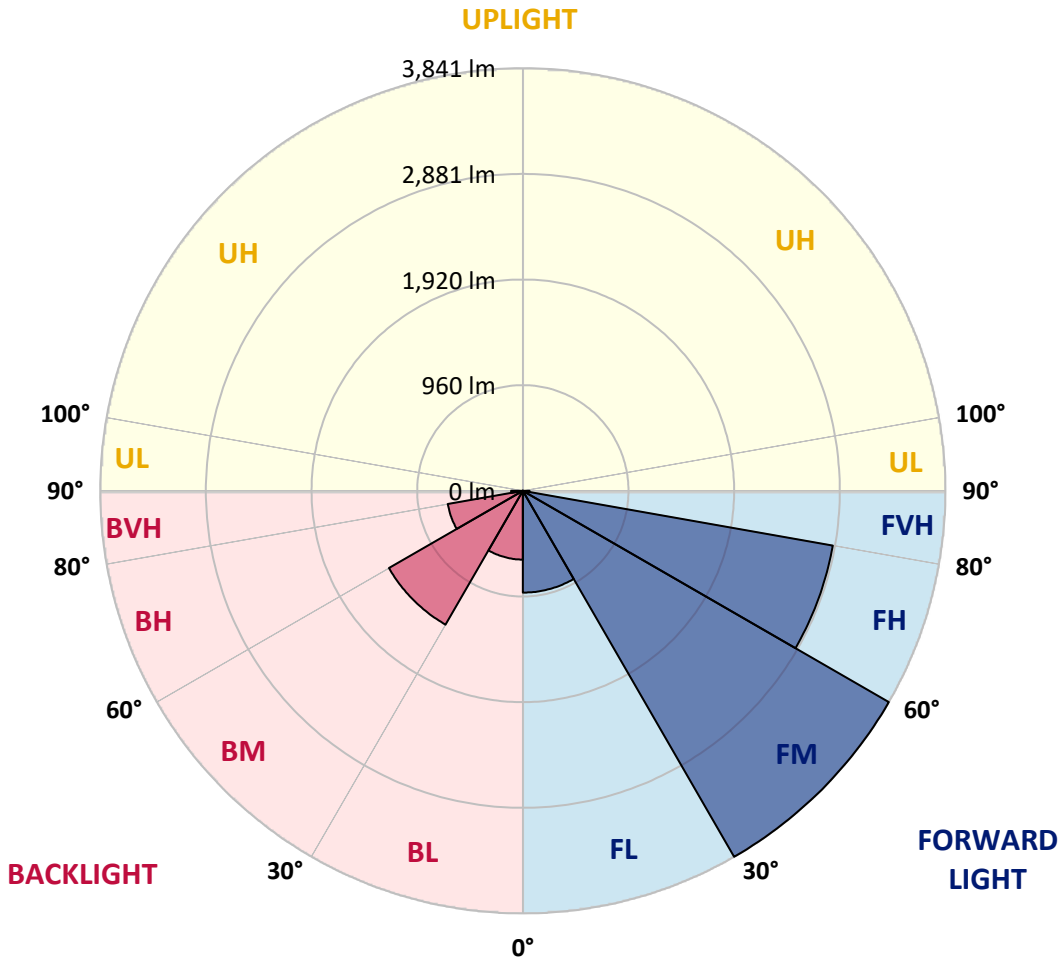
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	925.1	8.8			
FM	(30°-60°)	3840.7	36.5			
FH	(60°-80°)	2860.8	27.2			G2/5000
FVH	(80°-90°)	60.8	0.6			G1/100
BL	(0°-30°)	624.9	5.9	B2/1000		
BM	(30°-60°)	1404.8	13.4	B2/2500		
BH	(60°-80°)	693.1	6.6	B2/1000		G2/1000
BVH	(80°-90°)	105.7	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: P1211777
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	1726.0	1726.0	1726.0	1726.0	1726.0	*1726.0*	1726.0	1726.0	1726.0	1726.0	1726.0
2.5°	1806.0	1810.2	1806.0	1801.8	1793.4	*1789.2*	1784.9	1774.4	1761.8	1742.9	1728.1
5°	1886.0	1886.0	1879.7	1875.5	1862.8	*1850.2*	1843.9	1818.6	1791.3	1759.7	1730.2
7.5°	1959.7	1968.1	1957.6	1947.0	1928.1	*1907.0*	1902.8	1864.9	1827.0	1784.9	1740.7
10°	2052.3	2058.6	2043.9	2035.4	1999.6	*1972.3*	1963.9	1917.6	1867.0	1814.4	1757.6
12.5°	2147.0	2151.2	2140.7	2121.7	2083.8	*2050.2*	2037.5	1976.5	1911.2	1848.1	1776.5
15°	2229.1	2233.3	2229.1	2208.0	2172.3	*2130.2*	2113.3	2046.0	1966.0	1883.9	1799.7
17.5°	2290.1	2298.5	2298.5	2288.0	2256.4	*2216.5*	2205.9	2121.7	2029.1	1926.0	1827.0
20°	2342.7	2347.0	2355.4	2349.1	2332.2	*2298.5*	2283.8	2203.8	2092.3	1974.4	1854.4
22.5°	2384.8	2389.1	2403.8	2401.7	2391.2	*2374.3*	2359.6	2285.9	2165.9	2022.8	1879.7
25°	2458.5	2456.4	2464.8	2458.5	2445.9	*2439.6*	2431.2	2365.9	2239.6	2079.6	1913.3
27.5°	2586.9	2582.7	2574.3	2542.7	2511.1	*2502.7*	2496.4	2450.1	2325.9	2144.9	1951.2
30°	2776.4	2780.6	2740.6	2669.0	2605.9	*2580.6*	2572.2	2540.6	2422.7	2220.7	1993.3
32.5°	3001.6	2999.5	2934.2	2833.2	2734.3	*2683.7*	2666.9	2633.2	2519.6	2296.4	2041.7
35°	3163.7	3159.4	3125.8	3035.3	2932.1	*2812.1*	2780.6	2727.9	2622.7	2382.7	2090.2
37.5°	3382.6	3376.2	3311.0	3216.3	3123.7	*2951.1*	2915.3	2843.7	2721.6	2466.9	2144.9
40°	3633.0	3593.1	3485.7	3388.9	3262.6	*3079.5*	3050.0	2957.4	2835.3	2570.1	2208.0
42.5°	3860.4	3801.4	3662.5	3540.4	3382.6	*3231.0*	3193.1	3083.7	2944.7	2664.8	2273.3
45°	4201.4	4058.2	3858.3	3786.7	3513.1	*3374.1*	3342.6	3207.9	3064.7	2767.9	2338.5
47.5°	4159.3	4058.2	3993.0	3984.6	3649.9	*3529.9*	3483.6	3344.7	3193.1	2877.4	2405.9
50°	4241.4	4161.4	4165.6	4062.4	3774.1	*3662.5*	3628.8	3487.8	3323.6	2984.7	2477.5
52.5°	4224.5	4247.7	4235.0	4075.1	3894.1	*3801.4*	3776.2	3635.2	3447.8	3087.9	2540.6
55°	4359.2	4346.6	4319.2	4161.4	4026.7	*3931.9*	3910.9	3788.8	3574.1	3176.3	2595.3
57.5°	4458.2	4392.9	4390.8	4258.2	4174.0	*4096.1*	4062.4	3946.7	3692.0	3254.2	2637.4
60°	4397.1	4319.2	4376.1	4272.9	4264.5	*4235.0*	4216.1	4085.6	3797.2	3313.1	2654.3
62.5°	4070.9	4089.8	4258.2	4251.9	4363.4	*4390.8*	4369.8	4182.4	3866.7	3334.2	2641.6
65°	3639.4	3696.2	3955.1	4176.1	4479.2	*4573.9*	4552.9	4251.9	3860.4	3285.7	2557.4
67°	*3125.8*	*3186.8*	*3590.9*	*3993.0*	*4468.7*	*4670.8*	*4656.0*	*4302.4*	*3784.6*	*3161.6*	*2405.9*
67.5°	3012.1	3081.6	3485.7	3908.8	4430.8	*4662.3*	4651.8	4306.6	3759.3	3102.6	2347.0
70°	2216.5	2298.5	2869.0	3435.2	4127.7	*4418.2*	4416.1	4148.7	3498.3	2782.7	2035.4
72.5°	1380.8	1454.5	2046.0	2679.5	3576.2	*3934.0*	3919.3	3614.1	3012.1	2271.2	1606.0
75°	846.2	892.5	1288.2	1747.1	2593.2	*3184.7*	3205.8	2824.8	2054.4	1349.2	907.2
77.5°	517.8	568.3	812.5	1077.7	1585.0	*1980.7*	1984.9	1566.0	1054.6	734.6	496.8
80°	288.4	301.0	423.1	564.1	812.5	*816.7*	783.0	690.4	547.3	353.6	254.7
82.5°	113.7	122.1	183.1	227.3	231.5	*242.1*	225.2	204.2	172.6	113.7	80.0
85°	0.0	0.0	0.0	4.2	14.7	*29.5*	29.5	21.0	8.4	6.3	6.3
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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Scaled Data Report

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CATALOG NUMBER: GKO-PB2E-827-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1726.0	1726.0	1726.0	1726.0	1726.0	1726.0	1726.0	1726.0	1726.0	1726.0	1726.0
2.5°	1723.9	1721.8	1707.1	1690.2	1677.6	1667.1	1656.6	1643.9	1643.9	1648.1	1646.0
5°	1719.7	1709.2	1681.8	1652.3	1629.2	1608.1	1589.2	1572.4	1570.3	1572.4	1574.5
7.5°	1721.8	1702.9	1660.8	1616.6	1578.7	1551.3	1523.9	1511.3	1509.2	1509.2	1509.2
10°	1730.2	1702.9	1646.0	1585.0	1538.7	1498.7	1469.2	1456.6	1458.7	1460.8	1462.9
12.5°	1745.0	1707.1	1635.5	1557.6	1498.7	1458.7	1429.2	1418.7	1427.1	1437.6	1439.7
15°	1759.7	1715.5	1625.0	1534.5	1467.1	1422.9	1401.9	1399.8	1414.5	1433.4	1437.6
17.5°	1776.5	1721.8	1612.3	1505.0	1433.4	1397.6	1387.1	1393.4	1416.6	1446.1	1452.4
20°	1793.4	1730.2	1597.6	1477.6	1401.9	1376.6	1382.9	1401.9	1431.3	1467.1	1473.4
22.5°	1810.2	1736.5	1578.7	1444.0	1368.2	1359.8	1382.9	1414.5	1444.0	1483.9	1492.4
25°	1829.2	1745.0	1555.5	1401.9	1334.5	1340.8	1380.8	1418.7	1450.3	1492.4	1502.9
27.5°	1858.6	1757.6	1532.4	1364.0	1296.6	1317.7	1370.3	1416.6	1450.3	1490.3	1502.9
30°	1888.1	1770.2	1513.4	1324.0	1258.7	1286.1	1349.2	1406.1	1439.7	1475.5	1492.4
32.5°	1921.8	1787.1	1496.6	1284.0	1216.6	1250.3	1319.8	1382.9	1422.9	1454.5	1471.3
35°	1957.6	1812.3	1483.9	1248.2	1174.5	1204.0	1275.6	1353.4	1393.4	1422.9	1437.6
37.5°	2003.9	1839.7	1475.5	1212.4	1130.3	1155.6	1229.3	1311.3	1357.7	1380.8	1399.8
40°	2054.4	1879.7	1475.5	1183.0	1088.2	1105.1	1180.8	1269.3	1315.6	1334.5	1353.4
42.5°	2104.9	1919.7	1473.4	1153.5	1044.0	1056.7	1132.4	1222.9	1267.1	1281.9	1296.6
45°	2163.8	1966.0	1471.3	1119.8	995.6	1008.2	1086.1	1176.6	1218.7	1231.4	1244.0
47.5°	2227.0	2012.3	1462.9	1077.7	951.4	961.9	1039.8	1124.0	1166.1	1180.8	1193.5
50°	2283.8	2056.5	1441.9	1029.3	911.4	921.9	991.4	1060.9	1098.8	1115.6	1128.2
52.5°	2334.3	2088.1	1408.2	974.6	867.2	879.8	932.5	993.5	1023.0	1035.6	1044.0
55°	2374.3	2104.9	1353.4	921.9	825.1	831.4	873.5	928.3	951.4	953.5	959.8
57.5°	2401.7	2102.8	1279.8	860.9	783.0	785.1	814.6	863.0	879.8	877.7	882.0
60°	2408.0	2075.4	1191.4	804.1	740.9	734.6	764.1	797.8	808.3	816.7	827.2
62.5°	2382.7	2010.2	1090.3	747.2	698.8	688.3	709.3	738.8	755.7	759.9	764.1
65°	2290.1	1890.2	968.3	688.3	656.7	637.8	660.9	703.0	730.4	738.8	736.7
67°	*2128.0*	*1721.8*	*863.0*	*644.1*	*614.6*	*597.8*	*631.5*	*675.7*	*694.6*	*707.2*	*707.2*
67.5°	2075.4	1660.8	827.2	629.4	604.1	589.4	620.9	663.0	688.3	703.0	703.0
70°	1761.8	1361.9	698.8	555.7	543.1	545.2	583.1	629.4	660.9	675.7	675.7
72.5°	1342.9	1054.6	568.3	484.1	479.9	494.6	543.1	585.2	625.2	650.4	648.3
75°	762.0	608.3	414.7	395.7	412.6	442.0	503.1	549.4	585.2	610.4	608.3
77.5°	444.1	366.3	286.3	271.5	319.9	387.3	450.4	509.4	534.6	543.1	536.7
80°	225.2	191.5	178.9	185.2	214.7	288.4	393.6	463.1	482.0	488.3	482.0
82.5°	71.6	65.3	71.6	94.7	143.1	227.3	317.8	418.9	442.0	442.0	439.9
85°	4.2	4.2	4.2	42.1	98.9	168.4	248.4	366.3	414.7	410.5	404.1
87.5°	2.1	2.1	2.1	27.4	77.9	141.0	218.9	332.6	395.7	366.3	345.2
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP3-2511-595-2

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-827-U-T4W

Data in this report applies to families of products including GKO-PB1C-827*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

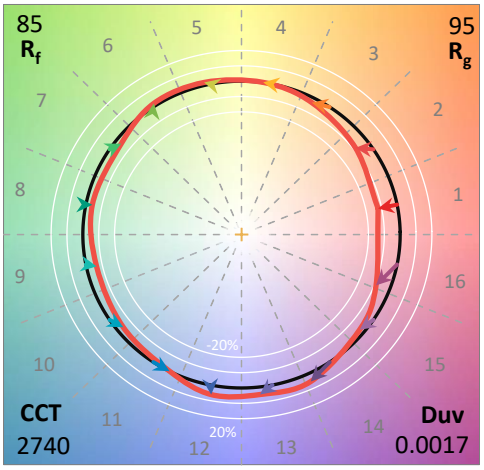
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-595-2
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-827-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2740
CIE u':	0.2602
CIE v':	0.5290
Duv:	0.0017
CIE x:	0.4595
CIE y:	0.4151
CIE z:	0.1255
Peak Wavelength (nm):	605
Dominant Wavelength (nm):	583
Purity:	62.5206
Rf:	84.8
Rg:	94.5

CRI (Ra):	81.1
R1:	79.2
R2:	90.4
R3:	95.8
R4:	79.2
R5:	79.6
R6:	89.5
R7:	81.1
R8:	54.5
R9:	-0.3
R10:	79.1
R11:	79.0
R12:	72.7
R13:	81.7
R14:	98.3
R15:	70.3



Test Conditions

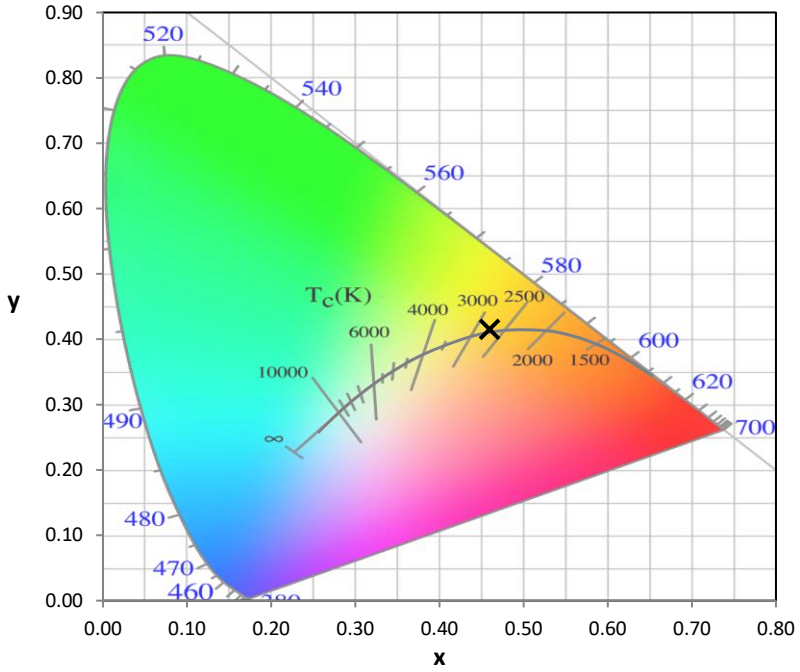
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-2

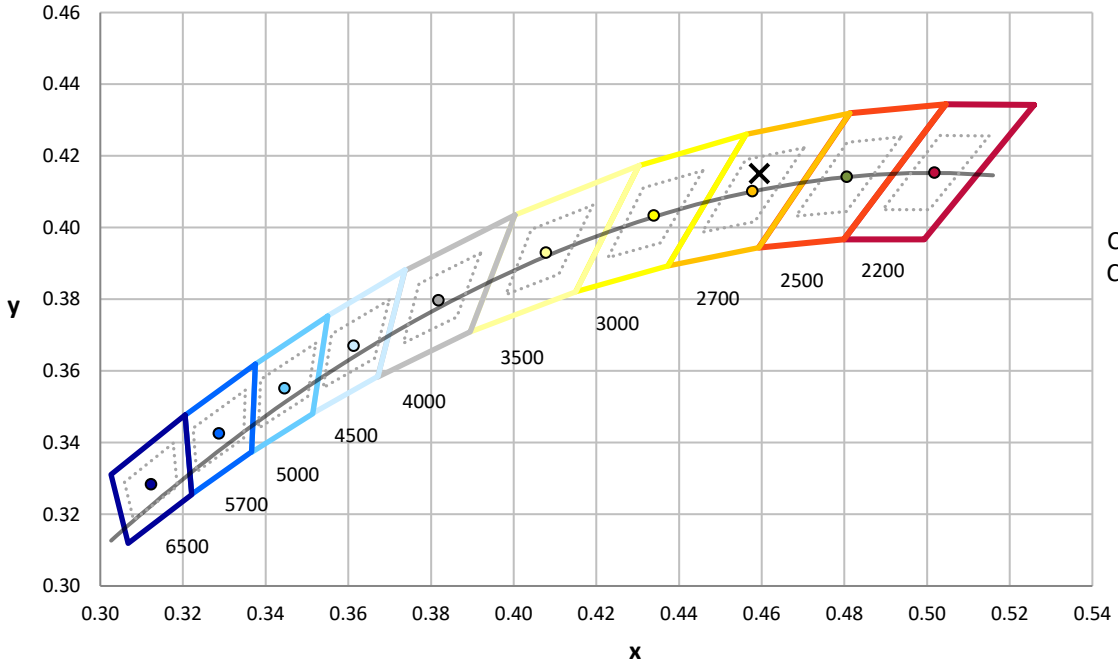
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

REPORT NUMBER: SP3-2511-595-2

CIE 1931 Chromaticity Diagram



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

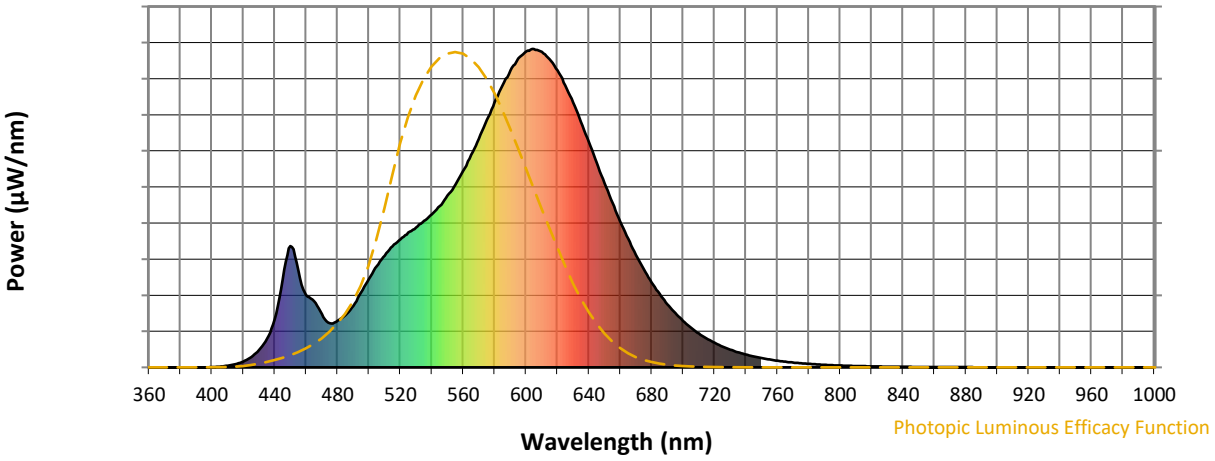


CCT = 2740K
CIE x = 0.4595
CIE y = 0.4151
Duv = 0.0017

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-2

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

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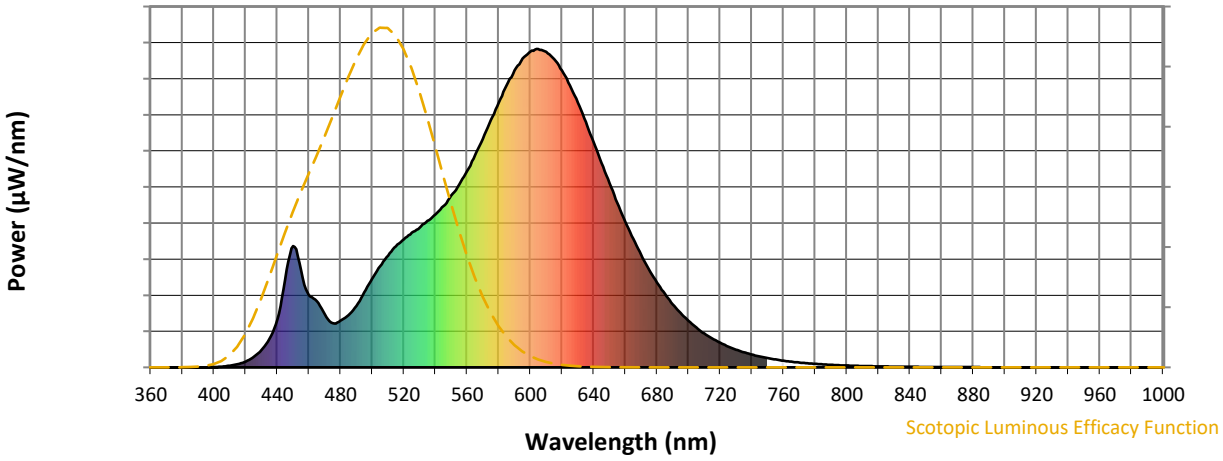
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.22**

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

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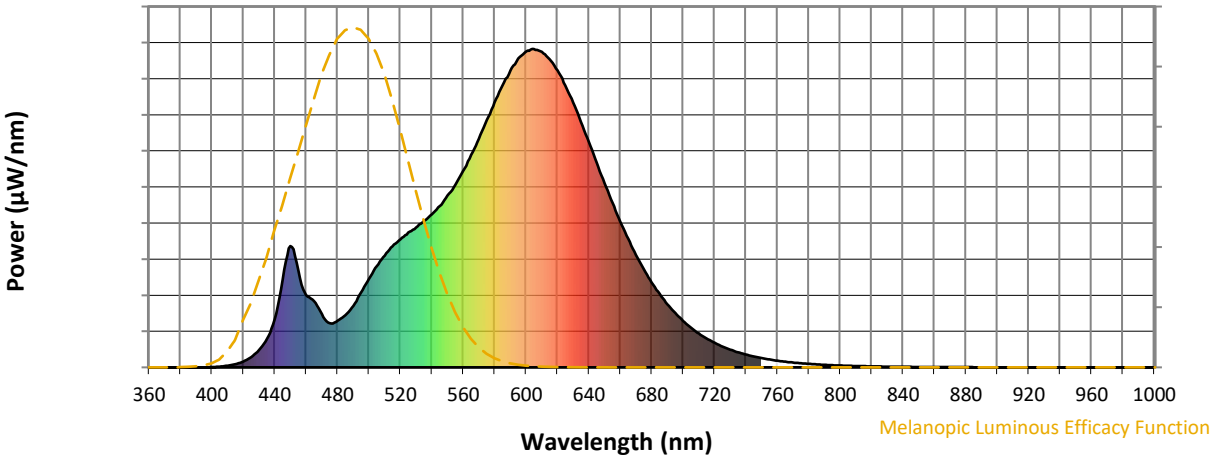
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.26**

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

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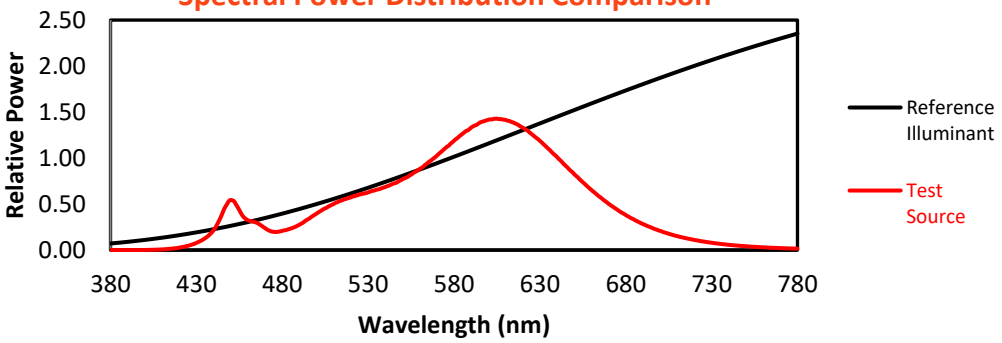
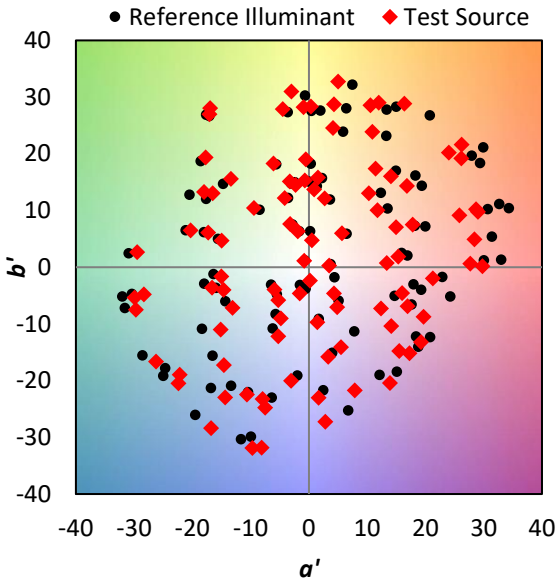
Summary

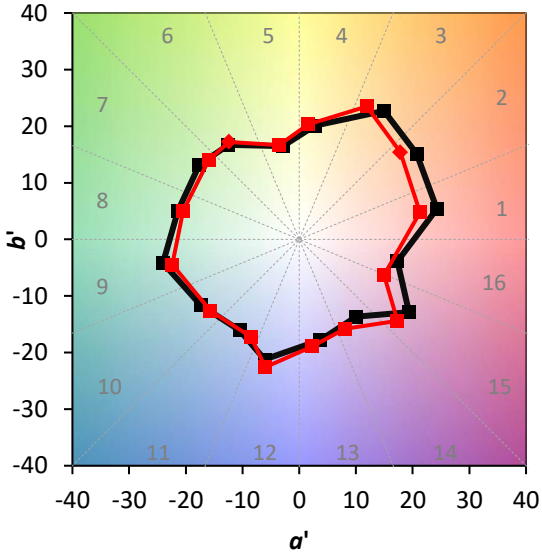
R_f = 84.8
R_g = 94.5
CIE R_a = 81.1
R_9 = -0.3

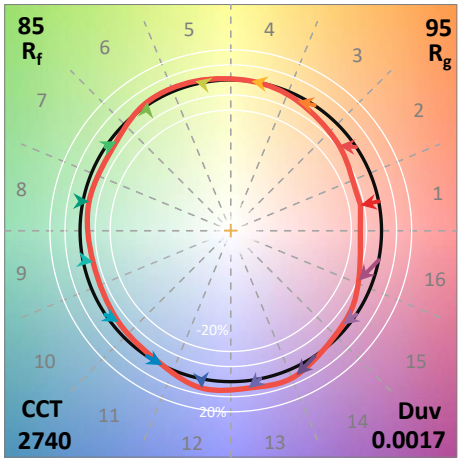
Spectral Power Distribution Comparison

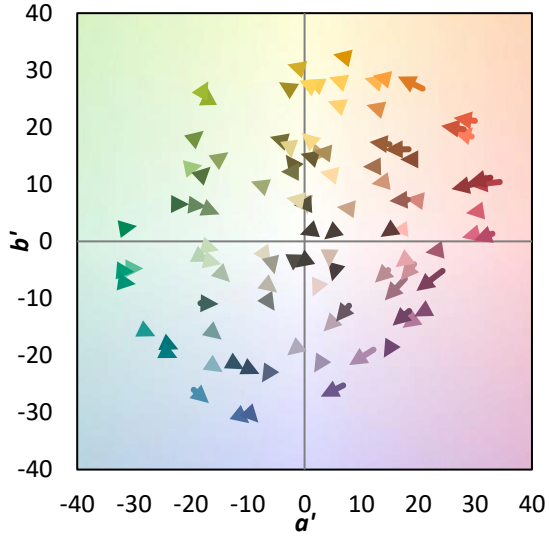


Color Vector Graphics









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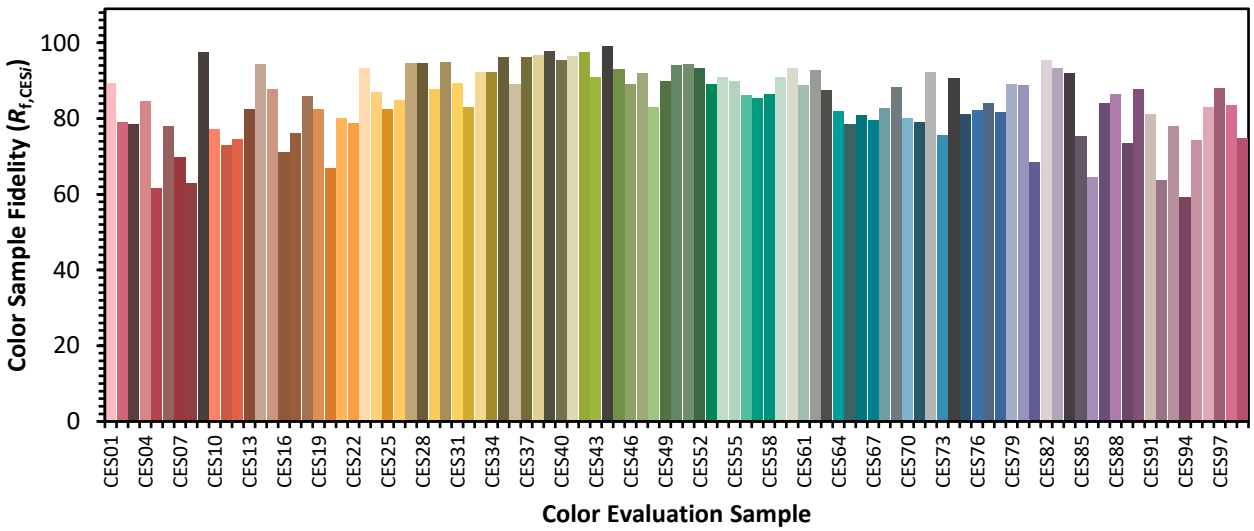
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 94	CES76 = 82
CES02 = 63	CES27 = 95	CES52 = 93	CES77 = 84
CES03 = 31	CES28 = 95	CES53 = 89	CES78 = 82
CES04 = 71	CES29 = 88	CES54 = 91	CES79 = 89
CES05 = 50	CES30 = 95	CES55 = 90	CES80 = 89
CES06 = 52	CES31 = 89	CES56 = 86	CES81 = 68
CES07 = 43	CES32 = 83	CES57 = 85	CES82 = 96
CES08 = 41	CES33 = 92	CES58 = 86	CES83 = 93
CES09 = 29	CES34 = 92	CES59 = 91	CES84 = 92
CES10 = 77	CES35 = 96	CES60 = 93	CES85 = 75
CES11 = 60	CES36 = 89	CES61 = 89	CES86 = 65
CES12 = 66	CES37 = 96	CES62 = 93	CES87 = 84
CES13 = 44	CES38 = 97	CES63 = 87	CES88 = 86
CES14 = 74	CES39 = 98	CES64 = 82	CES89 = 73
CES15 = 72	CES40 = 95	CES65 = 79	CES90 = 88
CES16 = 48	CES41 = 96	CES66 = 81	CES91 = 81
CES17 = 50	CES42 = 98	CES67 = 80	CES92 = 64
CES18 = 57	CES43 = 91	CES68 = 83	CES93 = 78
CES19 = 73	CES44 = 99	CES69 = 88	CES94 = 59
CES20 = 67	CES45 = 93	CES70 = 80	CES95 = 74
CES21 = 87	CES46 = 89	CES71 = 79	CES96 = 83
CES22 = 79	CES47 = 92	CES72 = 92	CES97 = 88
CES23 = 92	CES48 = 83	CES73 = 76	CES98 = 84
CES24 = 91	CES49 = 90	CES74 = 91	CES99 = 75
CES25 = 72	CES50 = 94	CES75 = 81	



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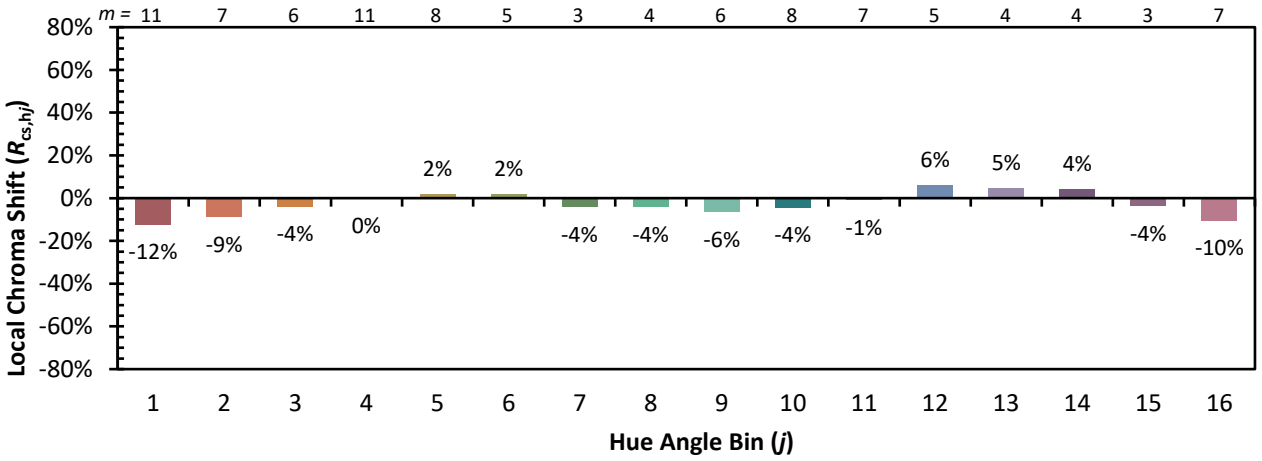
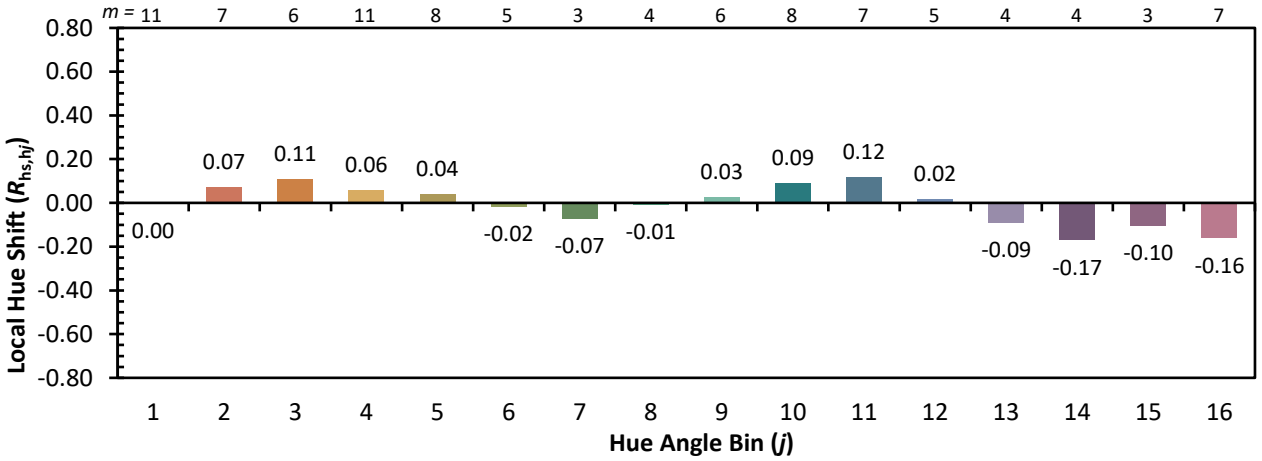
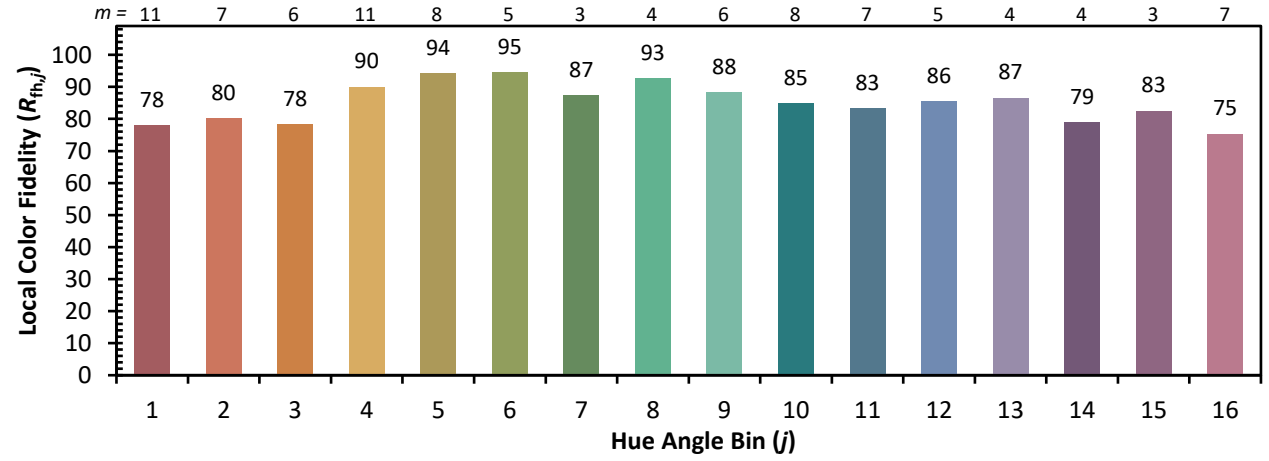
Color Rendition by Hue-Angle Bin







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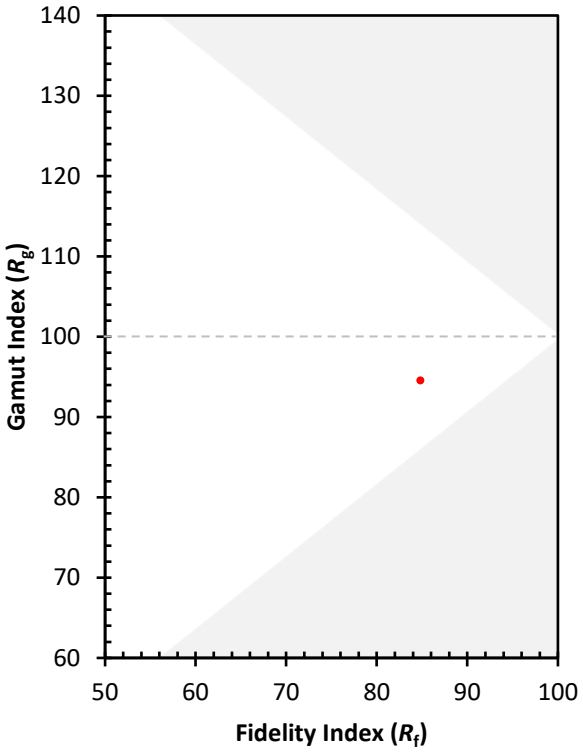
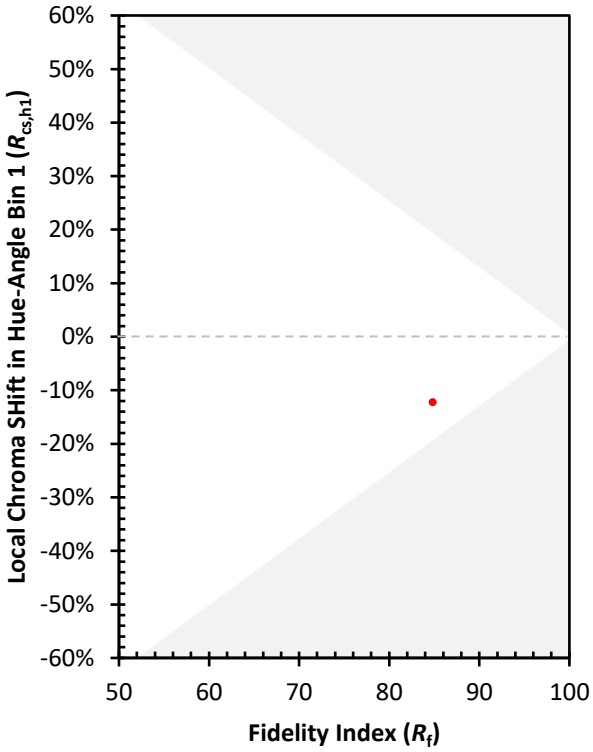
Measure Comparisons





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