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: P1211987

Luminaire Tested: **GKO-PB2E-840-U-T2U**

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:	P1211987
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-840-U-T2U
Description:	GEKKO WALL PACK 12000LM PACKAGE 80CRI 4000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11859.7 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:	B3 - U0 - G3

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: P1211987
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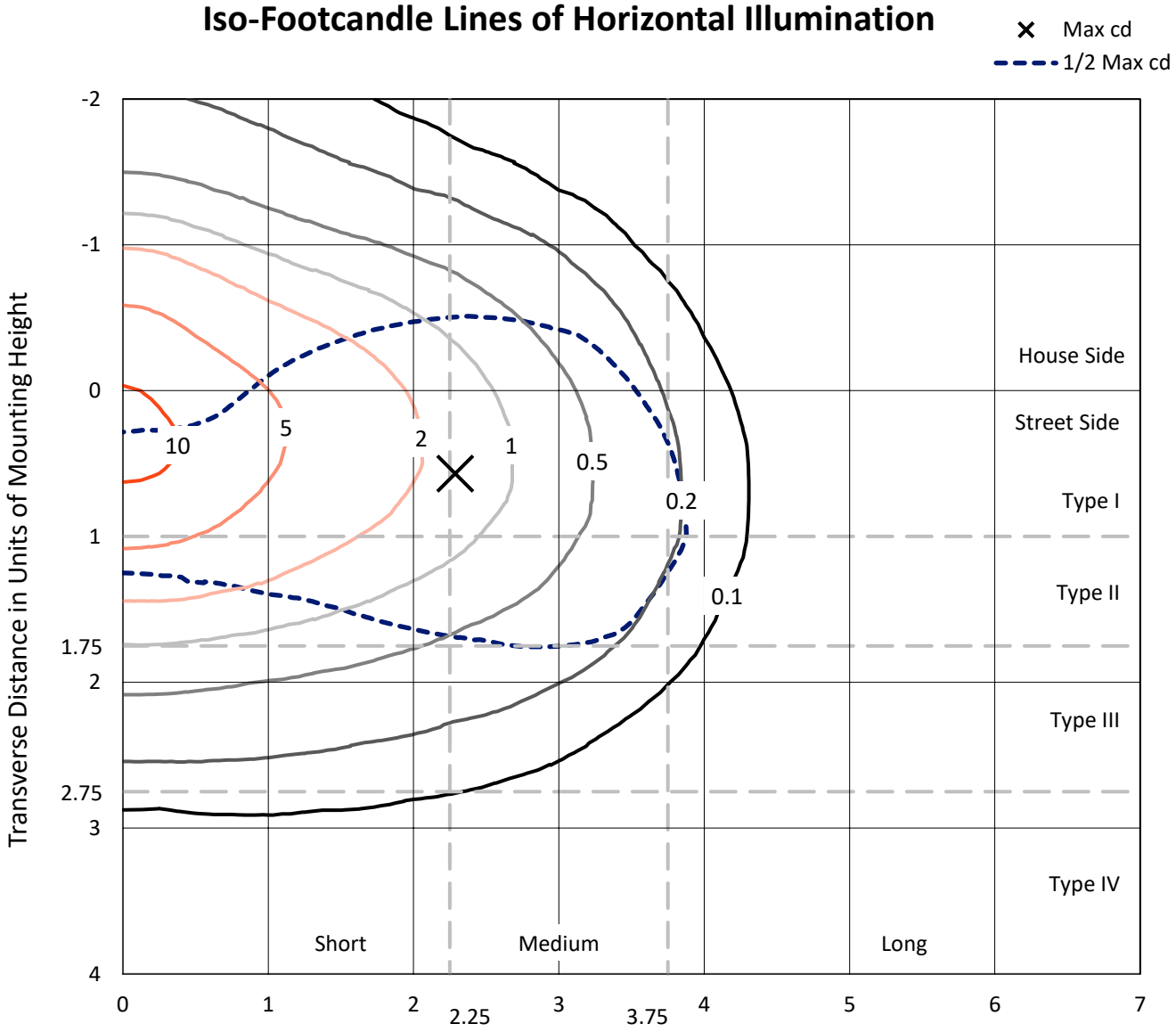
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 11.6 fc
Type II - Medium - N/A

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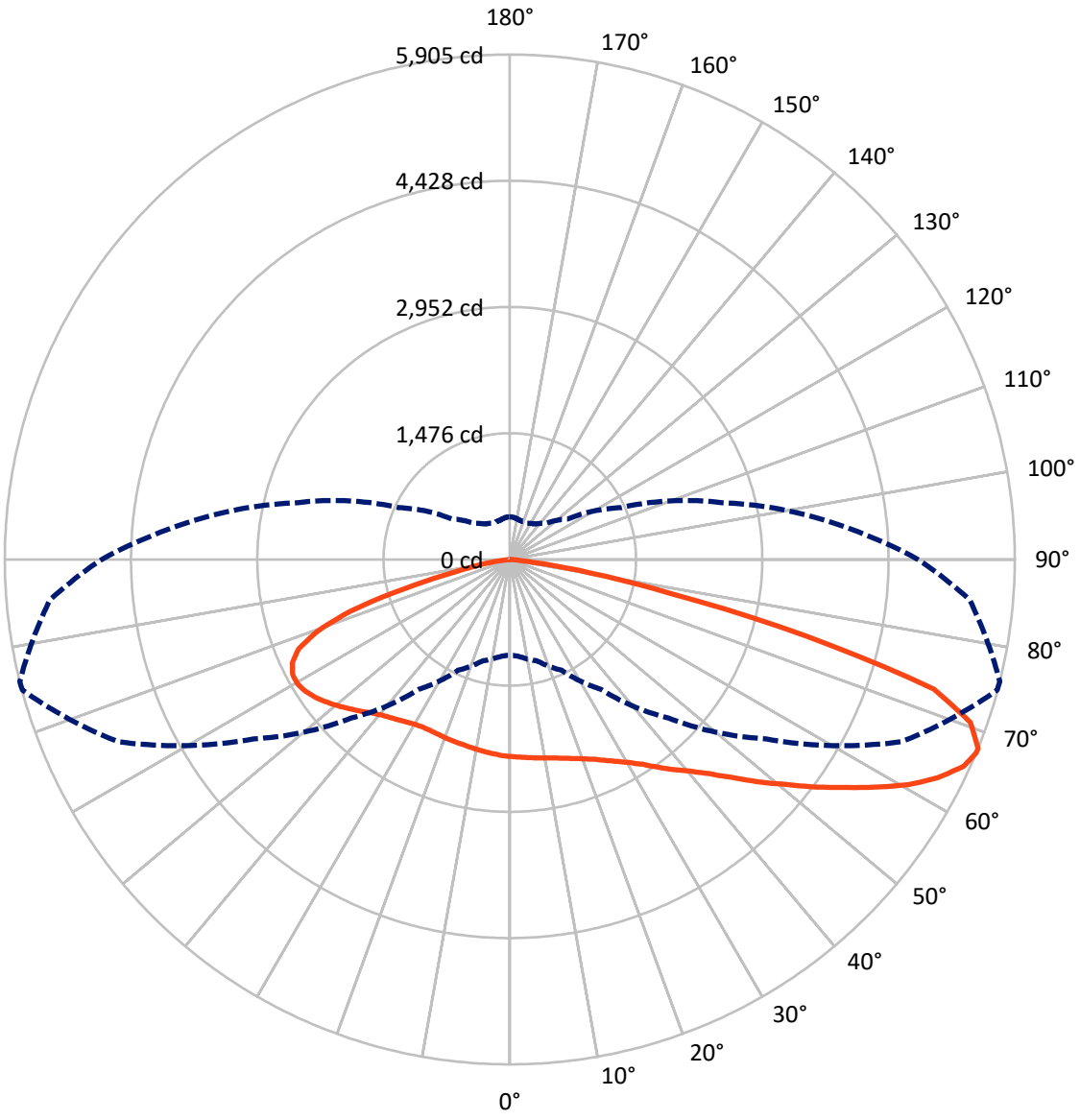
Luminous Intensity Polar Plot



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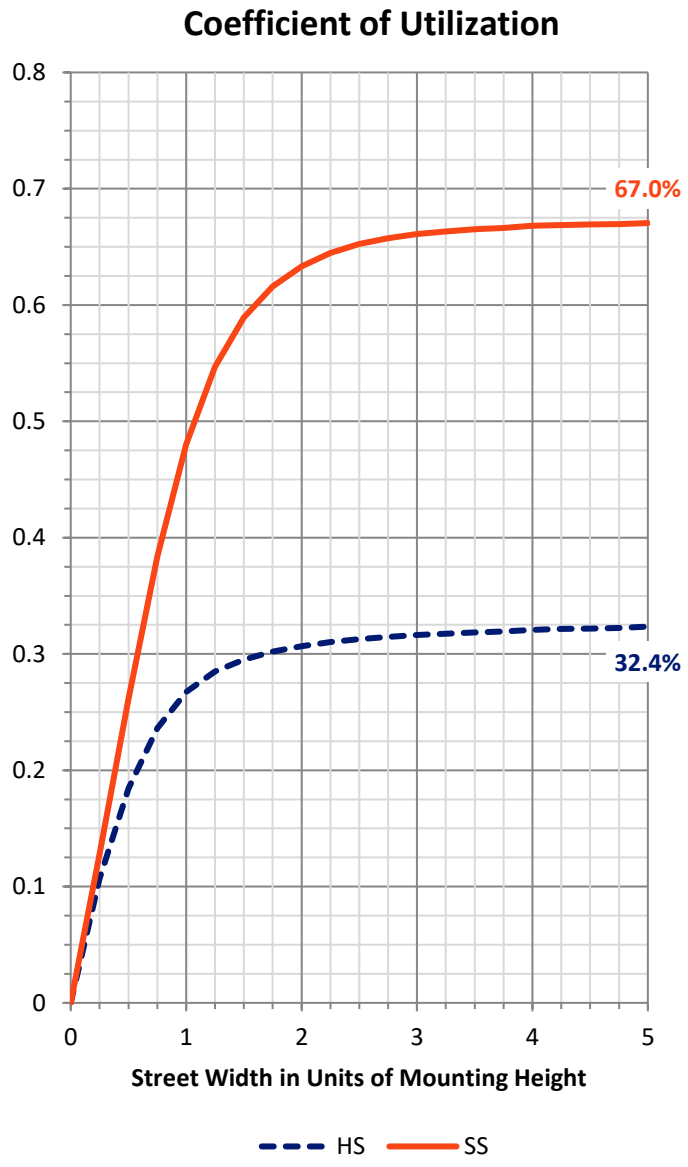
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3912.7	0.0	3912.7
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	7947.0	0.0	7947.0
	% Fixture	67.0	0.0	67.0
Total	Lumens	11859.7	0.0	11859.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.6	1.9
10°-20°	678.0	5.7
20°-30°	1166.3	9.8
30°-40°	1676.0	14.1
40°-50°	2125.5	17.9
50°-60°	2334.0	19.7
60°-70°	2263.6	19.1
70°-80°	1249.8	10.5
80°-90°	144.9	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°	11859.7	100.0
0°-180°	11859.7	100.0



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REPORT NUMBER: P1211987
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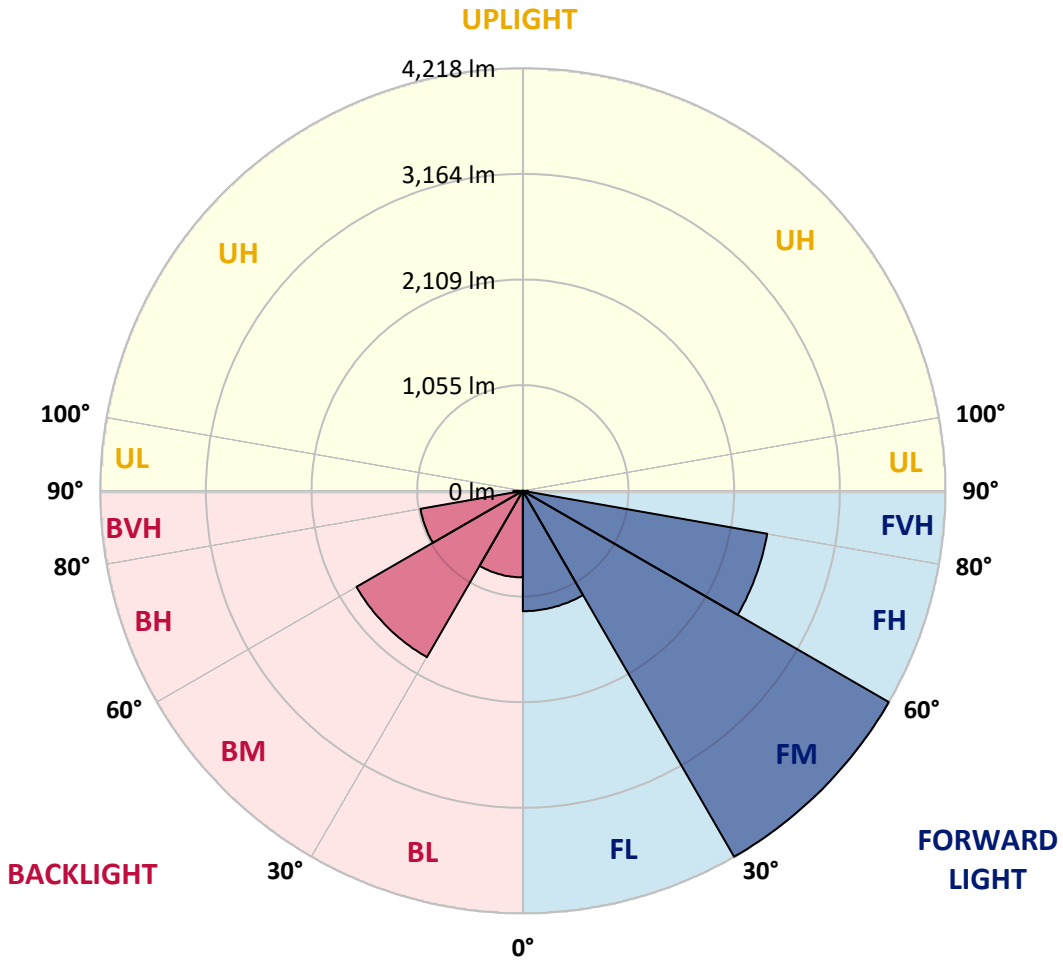
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1201.4	10.1			
FM	(30°-60°)	4218.2	35.6			
FH	(60°-80°)	2476.2	20.9			G2/5000
FVH	(80°-90°)	51.2	0.4			G1/100
BL	(0°-30°)	864.5	7.3	B2/1000		
BM	(30°-60°)	1917.3	16.2	B2/2500		
BH	(60°-80°)	1037.2	8.7	B3/2500		G3/2500
BVH	(80°-90°)	93.7	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Medium



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REPORT NUMBER: P1211987
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	*2305.4*	2305.4
2.5°	2374.2	2371.9	2369.6	2369.6	2360.4	2351.3	2342.1	2335.2	2316.9	*2314.6*	2305.4
5°	2445.3	2445.3	2438.4	2436.1	2422.4	2399.4	2378.8	2358.2	2332.9	*2328.3*	2307.7
7.5°	2537.1	2537.1	2525.6	2516.4	2495.8	2459.1	2422.4	2385.7	2349.0	*2344.4*	2312.3
10°	2654.1	2654.1	2644.9	2624.2	2580.7	2532.5	2472.8	2415.5	2367.3	*2362.7*	2316.9
12.5°	2775.6	2777.9	2764.2	2734.4	2681.6	2608.2	2534.8	2452.2	2390.3	*2383.4*	2326.0
15°	2899.5	2901.8	2892.6	2860.5	2789.4	2699.9	2601.3	2502.7	2420.1	*2413.2*	2339.8
17.5°	3021.1	3025.7	3016.5	2979.8	2897.2	2800.9	2679.3	2555.4	2456.8	*2447.6*	2362.7
20°	3135.8	3135.8	3135.8	3094.5	3014.2	2904.1	2764.2	2619.7	2498.1	*2488.9*	2390.3
22.5°	3239.0	3243.6	3250.5	3227.5	3135.8	3014.2	2862.8	2690.8	2550.8	*2539.4*	2424.7
25°	3342.2	3344.5	3362.9	3346.8	3257.4	3131.2	2968.3	2780.2	2615.1	*2603.6*	2466.0
27.5°	3461.5	3468.4	3479.9	3473.0	3372.1	3248.2	3085.3	2878.9	2686.2	*2674.7*	2516.4
30°	3601.5	3601.5	3608.3	3596.9	3495.9	3372.1	3202.3	2982.1	2775.6	*2757.3*	2578.4
32.5°	3716.2	3727.6	3723.0	3718.4	3612.9	3489.1	3321.6	3096.8	2878.9	*2855.9*	2663.2
35°	3824.0	3826.3	3824.0	3828.6	3723.0	3606.0	3447.8	3229.8	2993.6	*2984.4*	2771.1
37.5°	3885.9	3890.5	3902.0	3915.7	3821.7	3711.6	3573.9	3376.7	3135.8	*3119.7*	2899.5
40°	3915.7	3922.6	3984.5	4005.2	3904.3	3812.5	3707.0	3509.7	3273.4	*3255.1*	3028.0
42.5°	3961.6	4016.7	4048.8	4053.4	3966.2	3885.9	3821.7	3661.1	3443.2	*3427.1*	3200.0
45°	3810.2	3789.6	3874.4	3973.1	3968.5	3934.1	3931.8	3830.8	3651.9	*3635.9*	3395.0
47.5°	3619.8	3603.8	3649.6	3794.1	3897.4	3954.7	4039.6	4030.4	3904.3	*3881.3*	3622.1
50°	3165.6	3193.1	3417.9	3615.2	3794.1	3961.6	4131.4	4239.2	4149.7	*4131.4*	3863.0
52.5°	2741.2	2759.6	2913.3	3383.5	3661.1	3941.0	4211.6	4459.4	4436.4	*4415.8*	4126.8
55°	2443.0	2461.4	2706.8	3007.3	3463.8	3835.4	4264.4	4668.1	4727.8	*4707.1*	4406.6
57.5°	2131.1	2160.9	2328.3	2592.1	3200.0	3661.1	4282.8	4879.2	5044.3	*5026.0*	4675.0
60°	1830.5	1871.8	1970.5	2257.2	2874.3	3454.6	4234.6	5048.9	5349.4	*5349.4*	4952.6
62.5°	1553.0	1575.9	1679.2	1938.4	2461.4	3190.8	4113.0	5156.7	5629.3	*5617.8*	5195.7
65°	1323.6	1335.1	1417.6	1640.2	2115.0	2899.5	3902.0	5149.9	5828.9	*5831.1*	5356.3
67°	*1117.1*	*1135.5*	*1227.2*	*1429.1*	*1851.2*	*2624.2*	*3658.8*	*5046.6*	*5900.0*	*5904.6*	*5395.3*
67.5°	1046.0	1066.7	1167.6	1376.4	1796.1	2548.5	3601.5	5003.0	5895.4	*5904.6*	5383.8
70°	720.3	724.9	894.6	1133.2	1477.3	2147.1	3204.6	4700.2	5721.0	*5714.2*	5133.8
72.5°	458.8	451.9	614.8	828.1	1188.3	1738.8	2704.5	4170.3	5191.1	*5184.3*	4525.9
75°	305.1	312.0	415.2	591.8	835.0	1344.2	2108.1	3147.3	3606.0	*3578.5*	2986.7
77.5°	217.9	213.3	256.9	426.7	559.7	816.6	1144.7	1674.6	1915.4	*1915.4*	1640.2
80°	119.3	121.6	139.9	236.3	316.6	318.9	429.0	839.6	935.9	*956.6*	796.0
82.5°	34.4	36.7	50.5	80.3	87.2	96.3	149.1	240.9	252.3	*266.1*	215.6
85°	0.0	0.0	0.0	2.3	9.2	11.5	11.5	13.8	22.9	*22.9*	25.2
87.5°	0.0	0.0	0.0	0.0	0.0	2.3	2.3	4.6	9.2	*9.2*	11.5
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: P1211987
CATALOG NUMBER: GKO-PB2E-840-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4	2305.4
2.5°	2303.1	2305.4	2296.2	2284.7	2275.6	2271.0	2257.2	2245.7	2252.6	2259.5	2259.5
5°	2300.8	2298.5	2280.2	2259.5	2245.7	2236.6	2213.6	2197.6	2199.9	2206.8	2204.5
7.5°	2300.8	2291.6	2266.4	2236.6	2213.6	2195.3	2165.5	2147.1	2144.8	2149.4	2144.8
10°	2303.1	2287.0	2252.6	2211.3	2179.2	2151.7	2115.0	2094.4	2087.5	2089.8	2085.2
12.5°	2307.7	2282.5	2238.9	2186.1	2144.8	2108.1	2066.8	2041.6	2037.0	2041.6	2041.6
15°	2314.6	2282.5	2227.4	2163.2	2108.1	2066.8	2025.5	2002.6	2002.6	2004.9	2004.9
17.5°	2328.3	2289.3	2218.2	2137.9	2071.4	2025.5	1988.8	1972.8	1975.1	1981.9	1981.9
20°	2342.1	2298.5	2209.0	2112.7	2039.3	1986.5	1956.7	1945.2	1954.4	1963.6	1963.6
22.5°	2362.7	2310.0	2199.9	2089.8	2002.6	1949.8	1924.6	1915.4	1924.6	1936.1	1931.5
25°	2394.9	2330.6	2193.0	2069.1	1968.2	1910.8	1885.6	1876.4	1881.0	1890.2	1890.2
27.5°	2431.6	2355.9	2190.7	2043.9	1926.9	1865.0	1835.1	1821.4	1821.4	1823.7	1826.0
30°	2493.5	2399.4	2199.9	2025.5	1890.2	1816.8	1777.8	1757.1	1754.8	1764.0	1764.0
32.5°	2566.9	2459.1	2222.8	2009.5	1853.5	1759.4	1706.7	1690.6	1686.0	1692.9	1686.0
35°	2649.5	2525.6	2252.6	2007.2	1816.8	1697.5	1637.9	1619.5	1605.7	1601.2	1596.6
37.5°	2766.5	2617.4	2282.5	1995.7	1780.1	1631.0	1566.7	1527.8	1511.7	1507.1	1507.1
40°	2881.2	2706.8	2319.2	1977.4	1736.5	1564.5	1472.7	1429.1	1422.2	1422.2	1422.2
42.5°	3025.7	2823.8	2369.6	1965.9	1683.7	1497.9	1371.8	1321.3	1321.3	1321.3	1319.0
45°	3204.6	2977.5	2433.9	1961.3	1633.3	1417.6	1264.0	1197.4	1195.1	1192.8	1190.5
47.5°	3413.4	3138.1	2495.8	1949.8	1573.6	1321.3	1140.1	1066.7	1050.6	1046.0	1039.1
50°	3629.0	3312.4	2562.3	1933.8	1502.5	1208.9	1023.1	938.2	903.8	892.3	896.9
52.5°	3858.4	3482.2	2626.5	1910.8	1417.6	1096.5	903.8	814.3	779.9	766.2	763.9
55°	4083.2	3654.2	2686.2	1881.0	1325.9	981.8	802.9	715.7	685.9	681.3	681.3
57.5°	4310.3	3819.4	2732.1	1837.4	1225.0	880.9	715.7	644.6	623.9	633.1	633.1
60°	4516.7	3963.9	2755.0	1777.8	1124.0	789.1	646.9	594.1	584.9	607.9	605.6
62.5°	4702.5	4060.2	2743.5	1690.6	1025.4	711.1	594.1	555.1	557.4	584.9	587.2
65°	4792.0	4076.3	2677.0	1571.3	915.3	644.6	539.1	502.4	507.0	536.8	543.7
67°	*4771.4*	*4014.4*	*2566.9*	*1436.0*	*825.8*	*594.1*	*504.7*	*468.0*	*470.3*	*495.5*	*497.8*
67.5°	4748.4	3984.5	2537.1	1394.7	802.9	584.9	495.5	461.1	465.7	488.6	488.6
70°	4443.3	3681.7	2261.8	1183.7	695.1	520.7	451.9	429.0	433.6	447.3	447.3
72.5°	3883.6	3188.6	1830.5	949.7	589.5	461.1	408.3	394.6	394.6	394.6	383.1
75°	2477.4	1998.0	1197.4	727.2	486.3	394.6	367.0	351.0	341.8	355.6	351.0
77.5°	1369.5	1043.7	623.9	417.5	351.0	328.0	318.9	312.0	309.7	341.8	332.6
80°	649.2	516.1	351.0	238.6	201.9	243.2	275.3	270.7	323.4	442.7	445.0
82.5°	206.5	169.8	142.2	130.8	135.3	174.3	213.3	245.4	419.8	474.8	468.0
85°	25.2	22.9	16.1	52.8	89.5	128.5	165.2	318.9	385.4	321.1	302.8
87.5°	9.2	9.2	9.2	36.7	68.8	98.6	149.1	321.1	236.3	215.6	197.3
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP3-2511-595-3

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-840-U-T4W

Data in this report applies to families of products including GKO-PB1C-840*

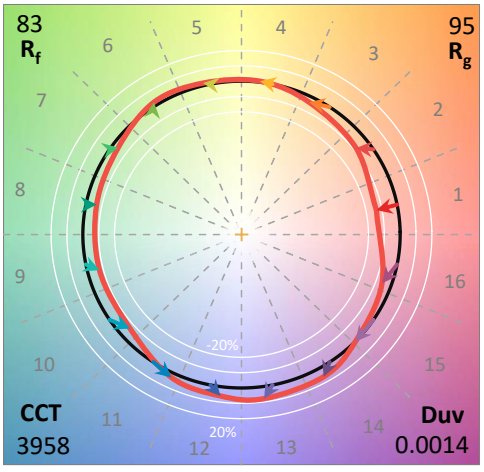
Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-595-3
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-840-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3958	CRI (Ra):	80.8		
CIE u':	0.2251	R1:	78.3	R9:	-5.1
CIE v':	0.5041	R2:	87.6	R10:	71.4
Duv:	0.0014	R3:	95.0	R11:	78.5
CIE x:	0.3833	R4:	79.6	R12:	60.5
CIE y:	0.3816	R5:	78.8	R13:	80.5
CIE z:	0.2351	R6:	83.3	R14:	97.5
Peak Wavelength (nm):	450	R7:	84.3	R15:	70.7
Dominant Wavelength (nm):	578	R8:	59.4		
Purity:	29.56261				
Rf:	82.9				
Rg:	94.7				



Test Conditions

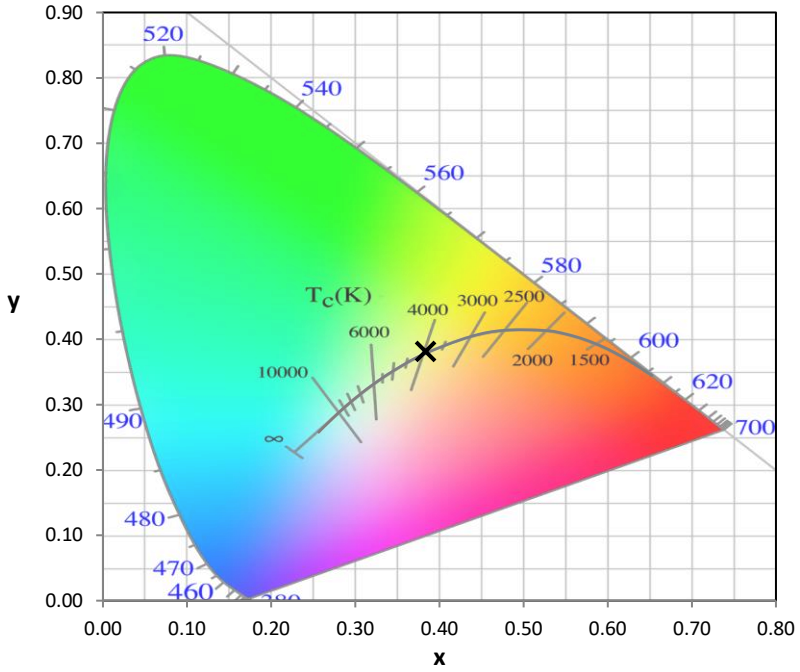
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-3

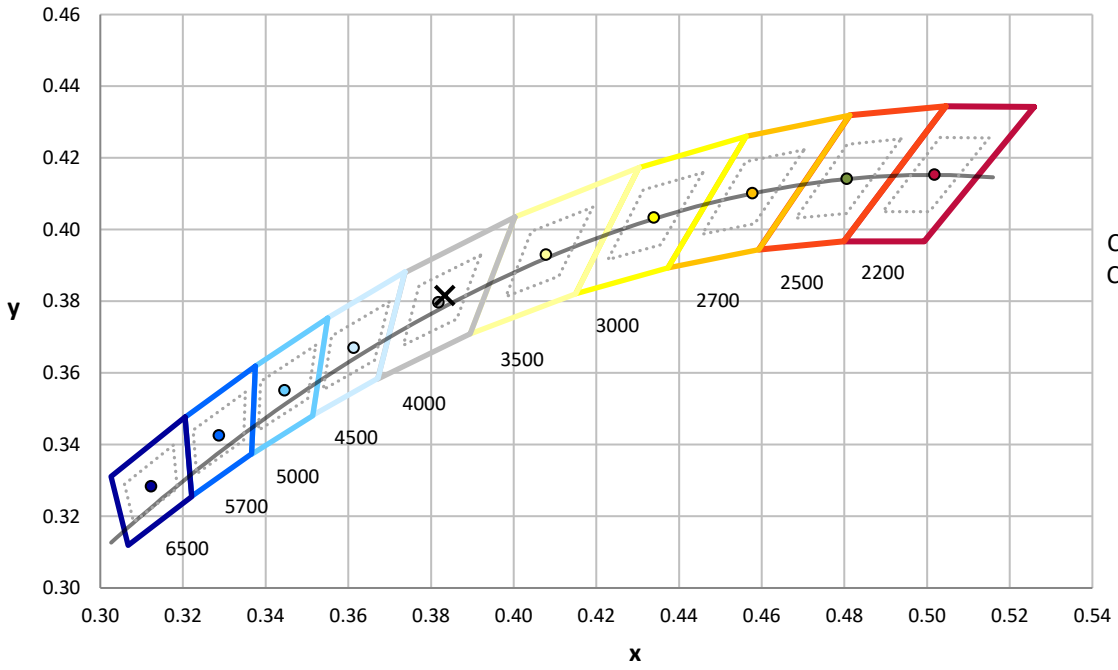
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

REPORT NUMBER: SP3-2511-595-3

CIE 1931 Chromaticity Diagram



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

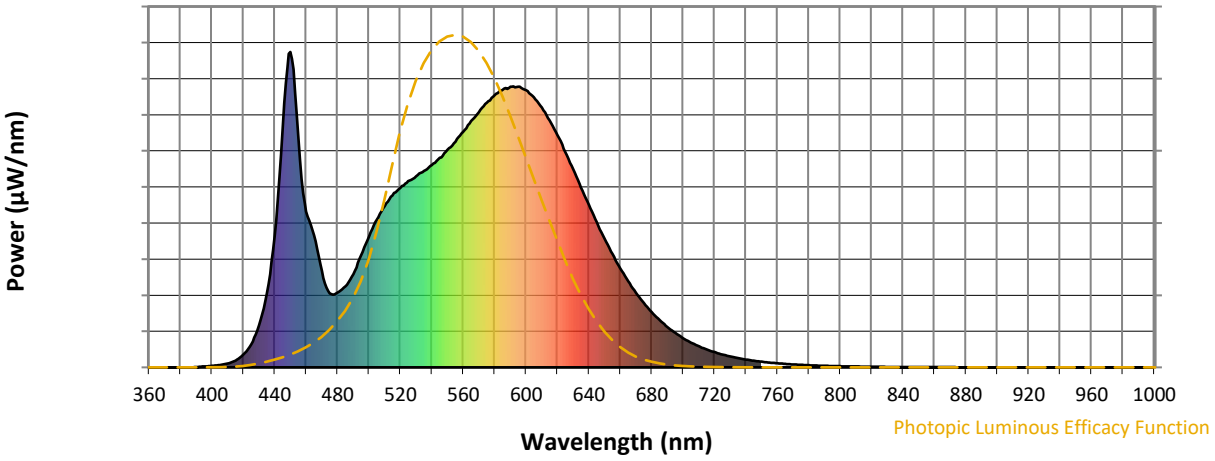


CCT = 3958K
CIE x = 0.3833
CIE y = 0.3816
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-3

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	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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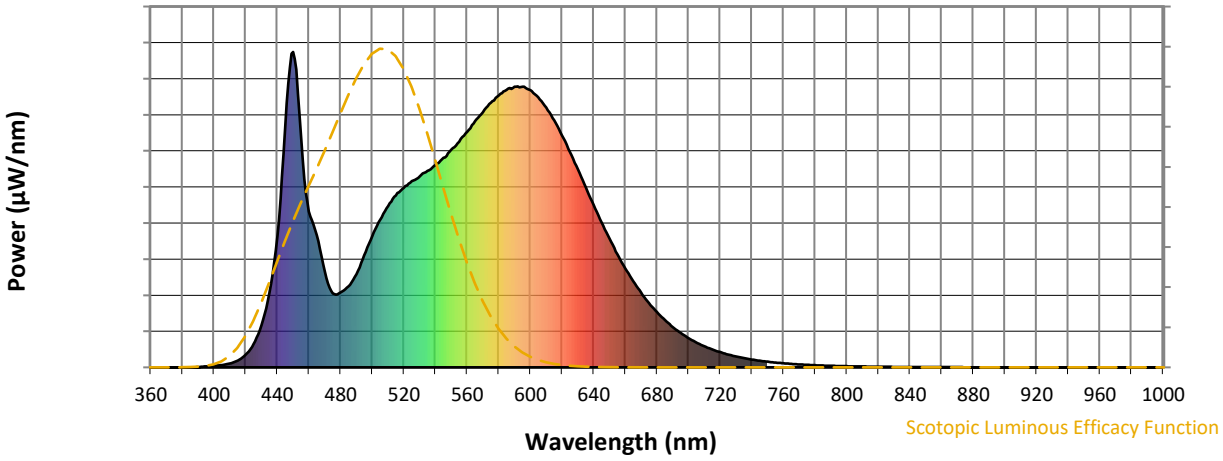
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.65**

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	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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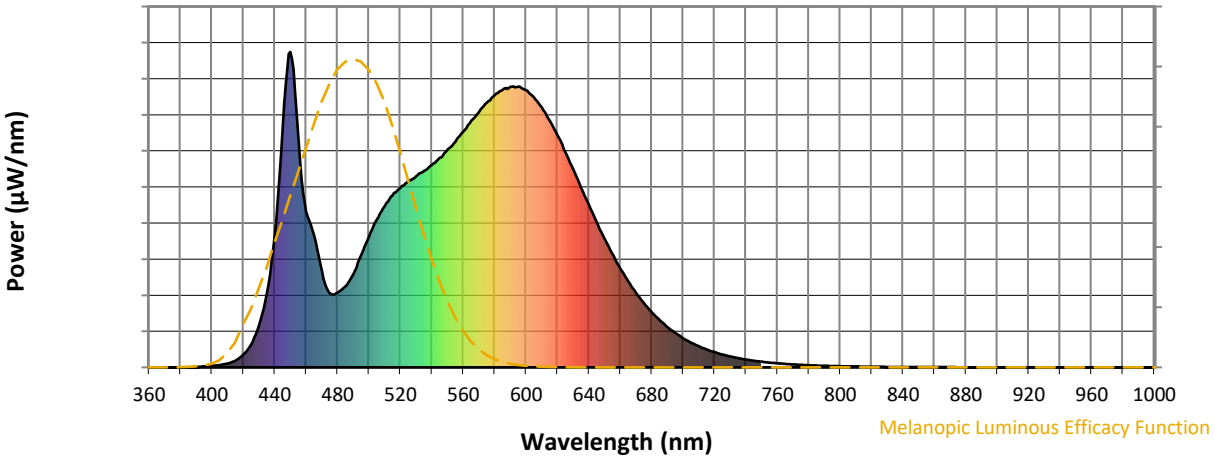
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.36**

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	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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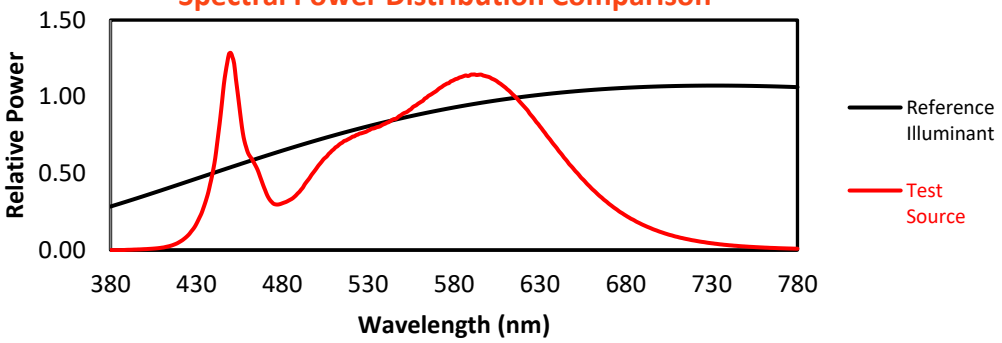
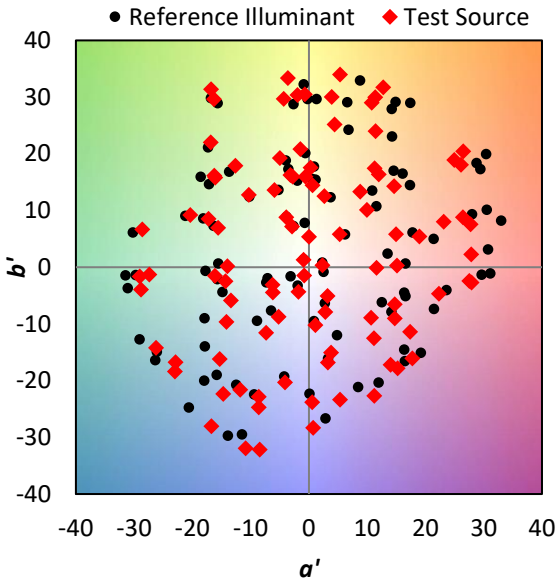
Summary

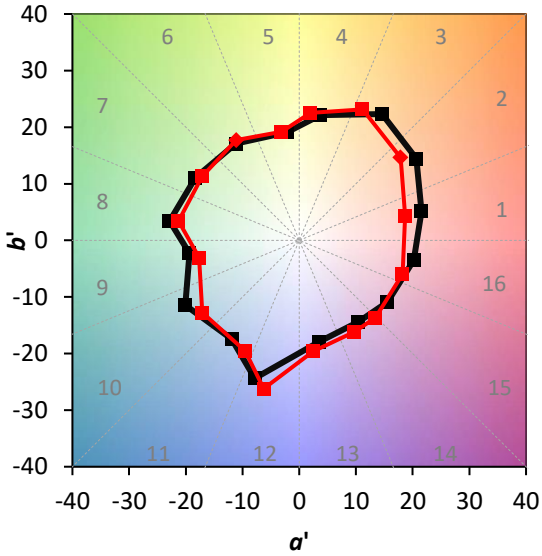
R_f = 82.9
R_g = 94.7
CIE R_a = 80.8
R_9 = -5.1

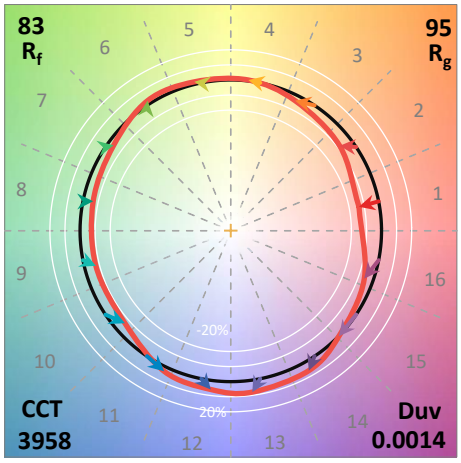
Spectral Power Distribution Comparison

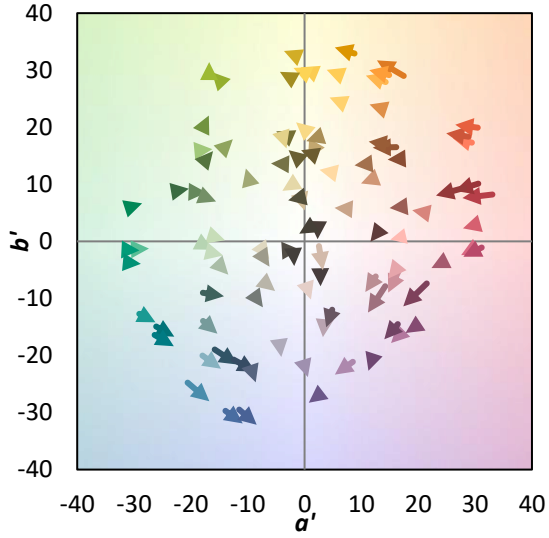


Color Vector Graphics









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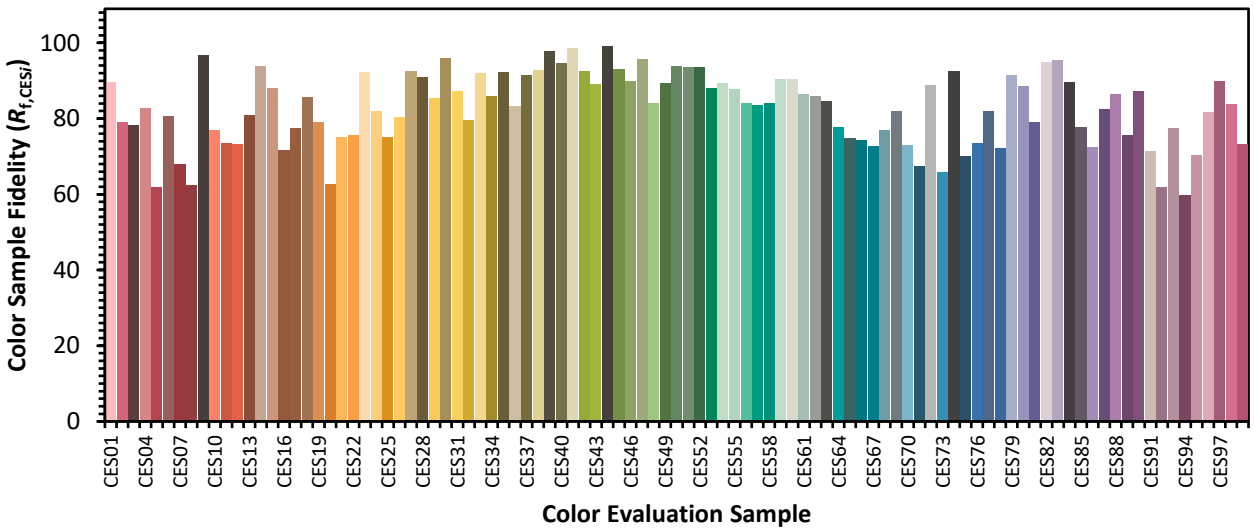
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 80	CES51 = 94	CES76 = 73
CES02 = 61	CES27 = 93	CES52 = 94	CES77 = 82
CES03 = 31	CES28 = 91	CES53 = 88	CES78 = 72
CES04 = 70	CES29 = 85	CES54 = 89	CES79 = 91
CES05 = 48	CES30 = 96	CES55 = 88	CES80 = 89
CES06 = 50	CES31 = 87	CES56 = 84	CES81 = 79
CES07 = 40	CES32 = 80	CES57 = 83	CES82 = 95
CES08 = 39	CES33 = 92	CES58 = 84	CES83 = 95
CES09 = 29	CES34 = 86	CES59 = 90	CES84 = 90
CES10 = 74	CES35 = 92	CES60 = 90	CES85 = 78
CES11 = 57	CES36 = 83	CES61 = 86	CES86 = 72
CES12 = 63	CES37 = 91	CES62 = 86	CES87 = 83
CES13 = 42	CES38 = 93	CES63 = 85	CES88 = 87
CES14 = 74	CES39 = 98	CES64 = 78	CES89 = 76
CES15 = 71	CES40 = 95	CES65 = 75	CES90 = 87
CES16 = 47	CES41 = 99	CES66 = 74	CES91 = 71
CES17 = 49	CES42 = 93	CES67 = 73	CES92 = 62
CES18 = 56	CES43 = 89	CES68 = 77	CES93 = 77
CES19 = 71	CES44 = 99	CES69 = 82	CES94 = 60
CES20 = 65	CES45 = 93	CES70 = 73	CES95 = 70
CES21 = 86	CES46 = 90	CES71 = 67	CES96 = 82
CES22 = 78	CES47 = 96	CES72 = 89	CES97 = 90
CES23 = 91	CES48 = 84	CES73 = 66	CES98 = 84
CES24 = 90	CES49 = 89	CES74 = 93	CES99 = 73
CES25 = 71	CES50 = 94	CES75 = 70	



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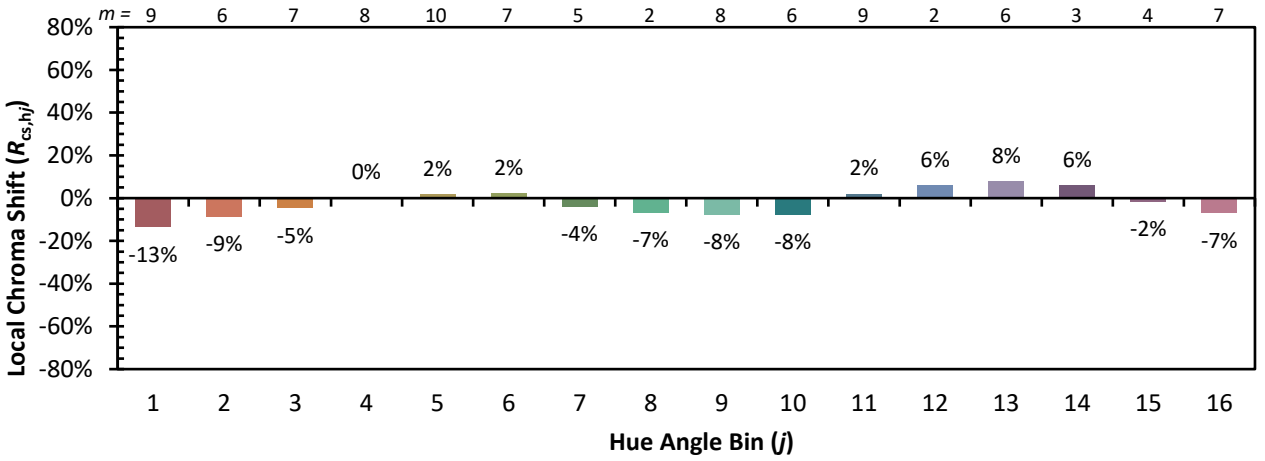
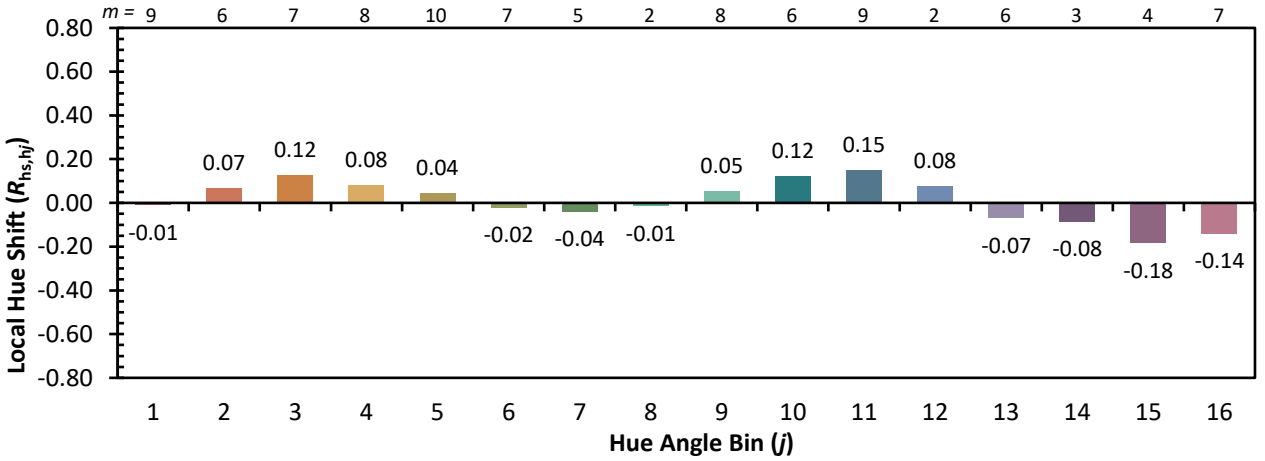
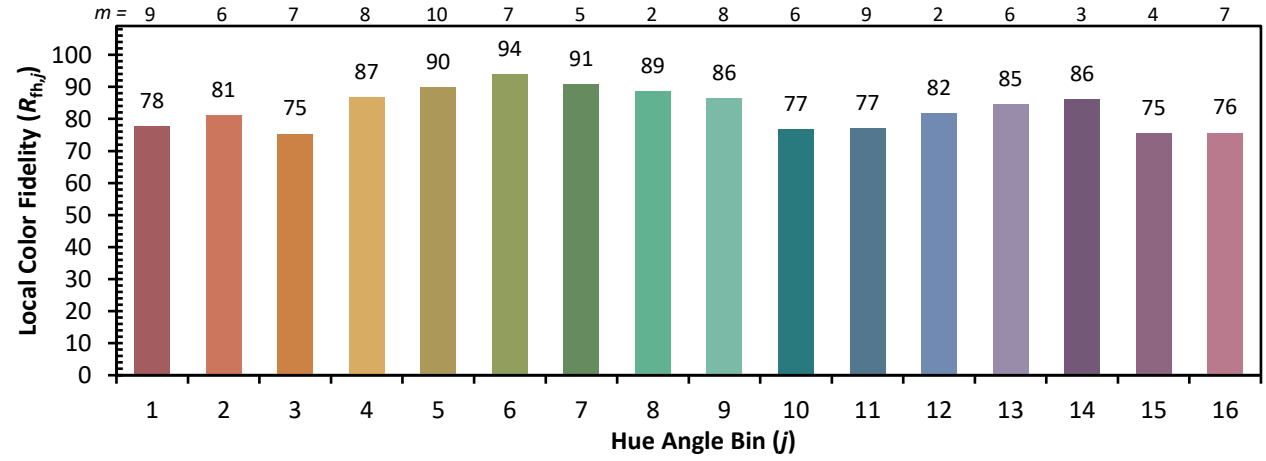
Color Rendition by Hue-Angle Bin







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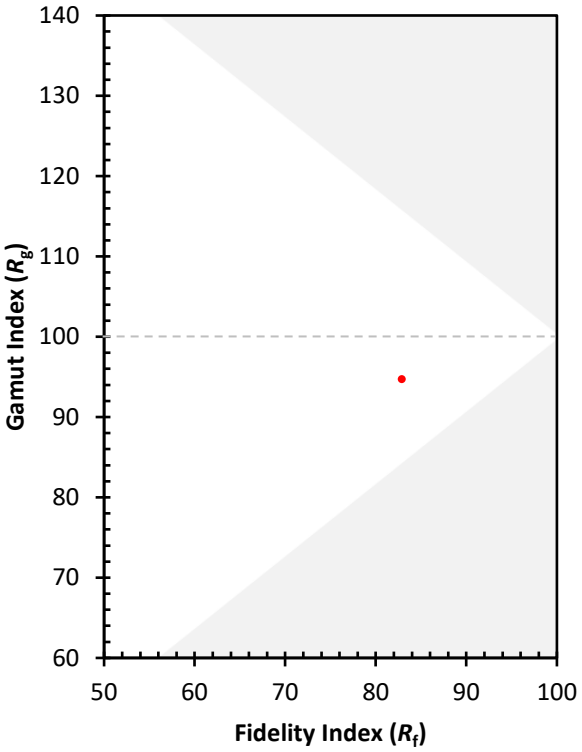
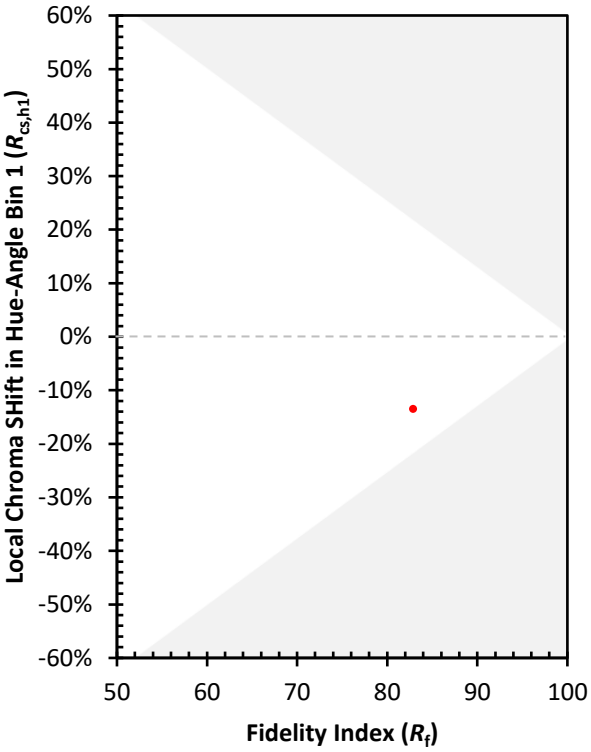
Measure Comparisons





(END OF REPORT)