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: P1211967

Luminaire Tested: **GKO-PB2E-830-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:	P1211967
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-830-U-T2U
Description:	GEKKO WALL PACK 12000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11307.8 lumens
Efficiency:	N/A
Efficacy:	108.0 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):	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: P1211967
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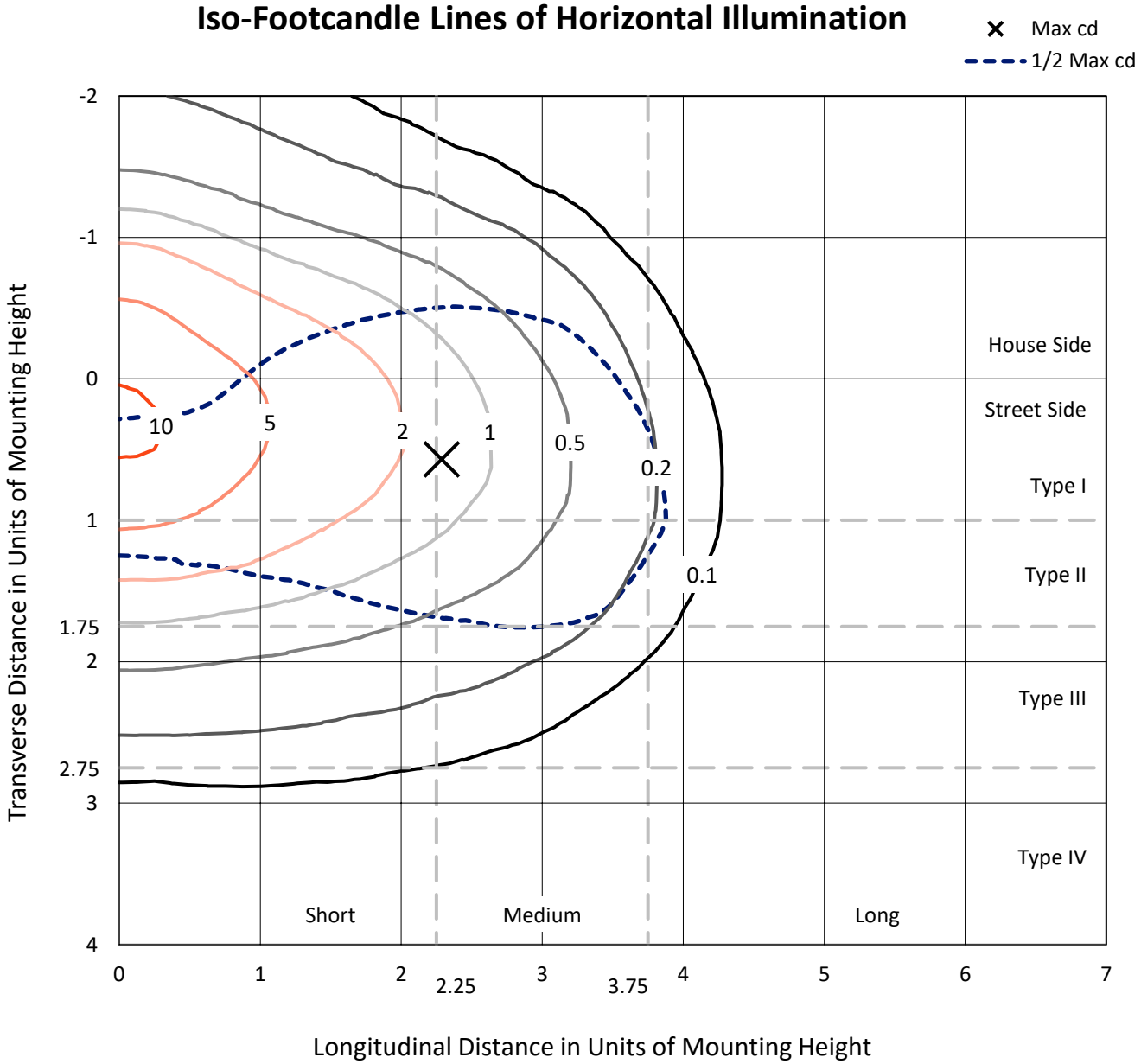
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 11 fc
Type II - Medium - N/A

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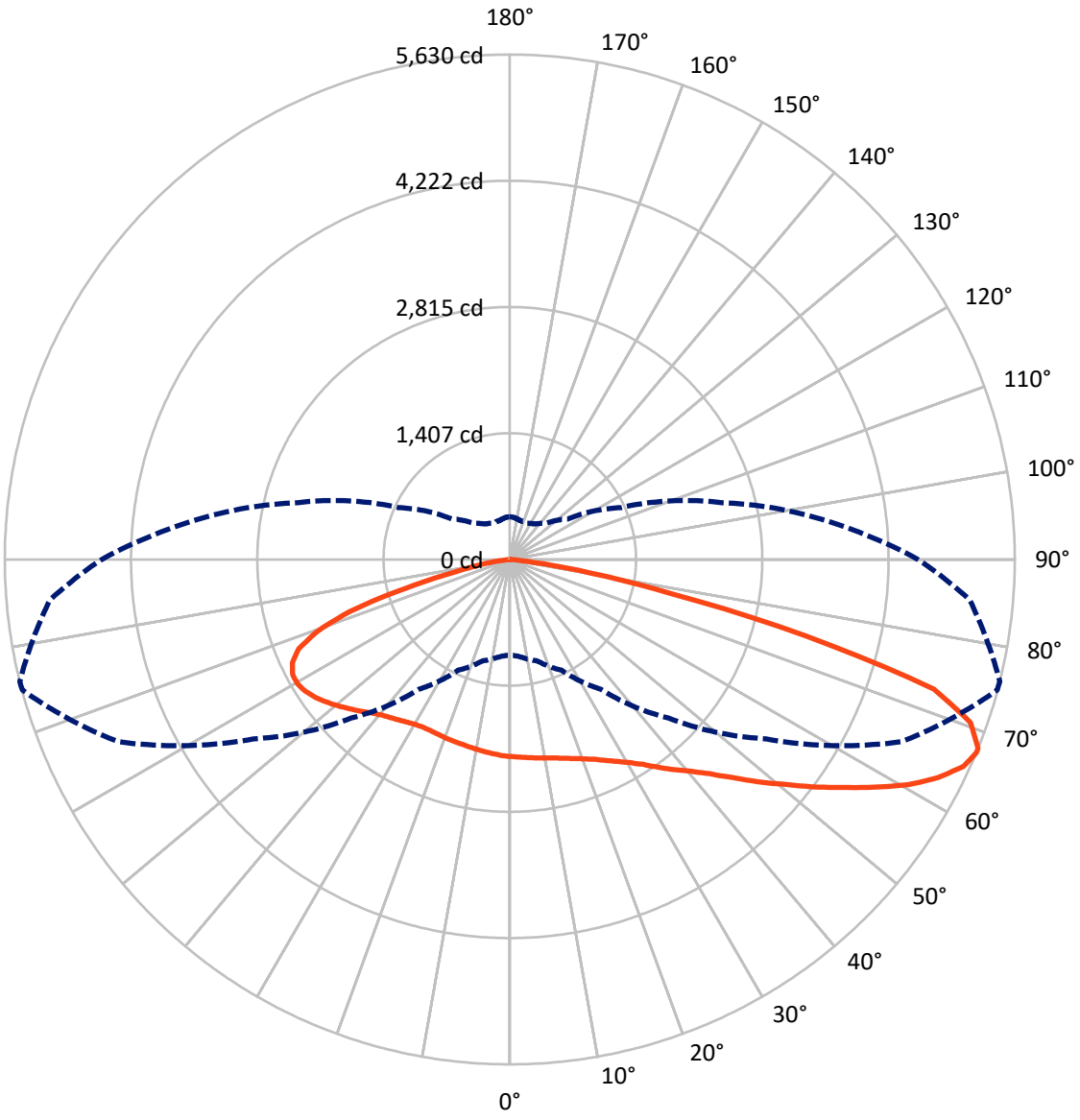
Luminous Intensity Polar Plot



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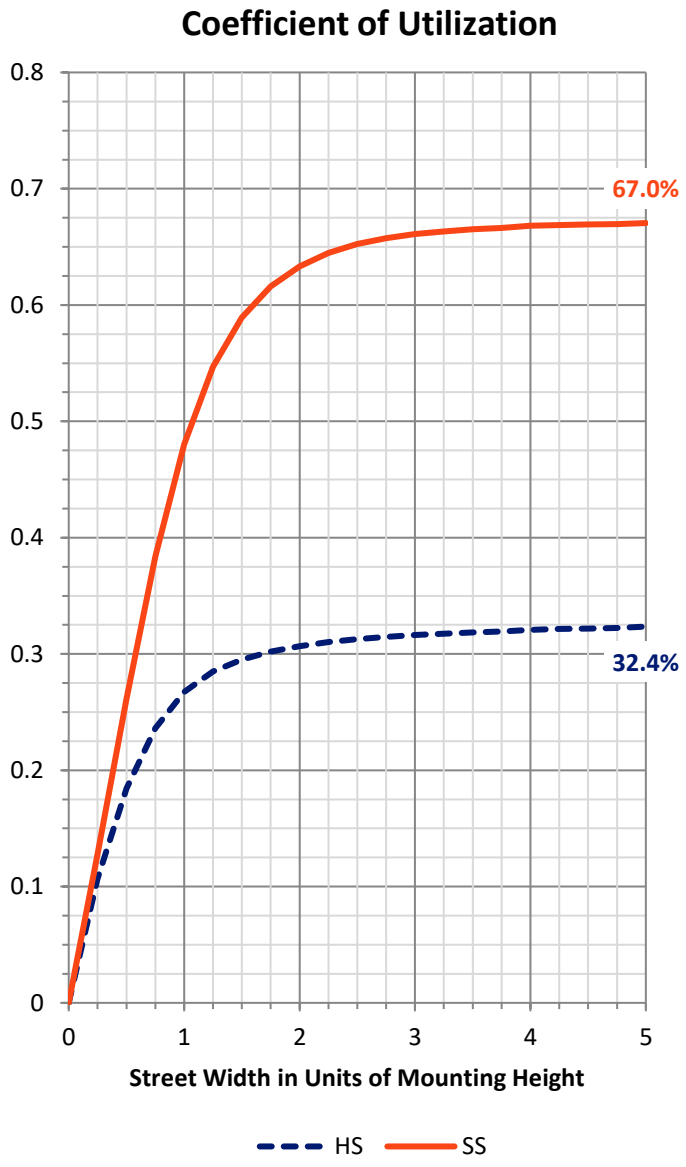
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3730.6	0.0	3730.6
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	7577.1	0.0	7577.1
	% Fixture	67.0	0.0	67.0
Total	Lumens	11307.8	0.0	11307.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.3	1.9
10°-20°	646.4	5.7
20°-30°	1112.1	9.8
30°-40°	1598.0	14.1
40°-50°	2026.6	17.9
50°-60°	2225.4	19.7
60°-70°	2158.2	19.1
70°-80°	1191.6	10.5
80°-90°	138.2	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°	11307.8	100.0
0°-180°	11307.8	100.0



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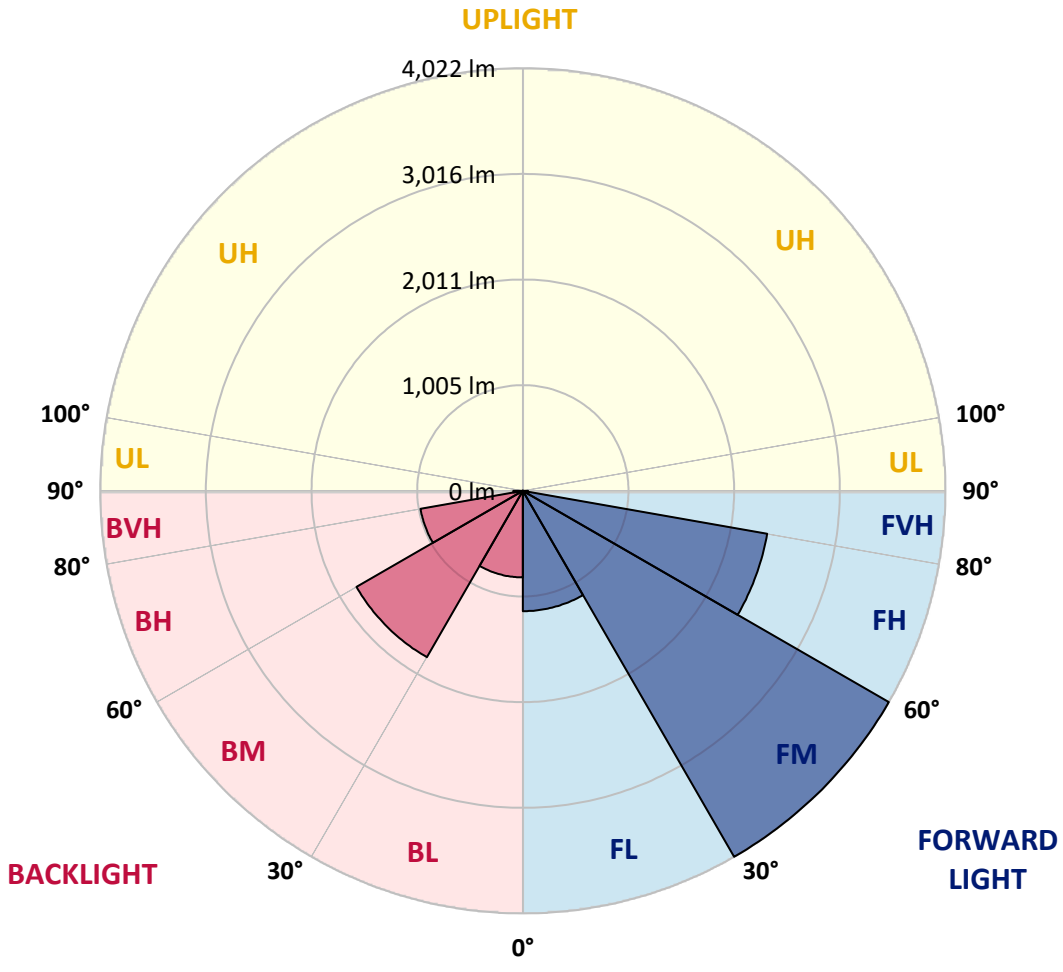
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1145.5	10.1			
FM	(30°-60°)	4021.9	35.6			
FH	(60°-80°)	2360.9	20.9			G2/5000
FVH	(80°-90°)	48.8	0.4			G1/100
BL	(0°-30°)	824.3	7.3	B2/1000		
BM	(30°-60°)	1828.1	16.2	B2/2500		
BH	(60°-80°)	988.9	8.7	B2/1000		G2/1000
BVH	(80°-90°)	89.4	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: P1211967
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	*2198.1*	2198.1
2.5°	2263.7	2261.5	2259.3	2259.3	2250.6	2241.8	2233.1	2226.5	2209.0	*2206.9*	2198.1
5°	2331.5	2331.5	2325.0	2322.8	2309.7	2287.8	2268.1	2248.4	2224.4	*2220.0*	2200.3
7.5°	2419.0	2419.0	2408.1	2399.3	2379.6	2344.6	2309.7	2274.7	2239.7	*2235.3*	2204.7
10°	2530.6	2530.6	2521.8	2502.1	2460.6	2414.6	2357.8	2303.1	2257.2	*2252.8*	2209.0
12.5°	2646.5	2648.7	2635.5	2607.1	2556.8	2486.8	2416.8	2338.1	2279.0	*2272.5*	2217.8
15°	2764.6	2766.8	2758.0	2727.4	2659.6	2574.3	2480.3	2386.2	2307.5	*2300.9*	2230.9
17.5°	2880.5	2884.9	2876.1	2841.1	2762.4	2670.5	2554.6	2436.5	2342.5	*2333.7*	2252.8
20°	2989.9	2989.9	2989.9	2950.5	2873.9	2769.0	2635.5	2497.7	2381.8	*2373.1*	2279.0
22.5°	3088.3	3092.7	3099.2	3077.3	2989.9	2873.9	2729.6	2565.5	2432.1	*2421.2*	2311.8
25°	3186.7	3188.9	3206.4	3191.1	3105.8	2985.5	2830.2	2650.8	2493.4	*2482.4*	2351.2
27.5°	3300.4	3307.0	3317.9	3311.4	3215.1	3097.0	2941.7	2744.9	2561.2	*2550.2*	2399.3
30°	3433.9	3433.9	3440.4	3429.5	3333.2	3215.1	3053.3	2843.3	2646.5	*2629.0*	2458.4
32.5°	3543.2	3554.2	3549.8	3545.4	3444.8	3326.7	3167.0	2952.7	2744.9	*2723.0*	2539.3
35°	3646.0	3648.2	3646.0	3650.4	3549.8	3438.2	3287.3	3079.5	2854.3	*2845.5*	2642.1
37.5°	3705.1	3709.4	3720.4	3733.5	3643.8	3538.8	3407.6	3219.5	2989.9	*2974.6*	2764.6
40°	3733.5	3740.1	3799.1	3818.8	3722.6	3635.1	3534.5	3346.4	3121.1	*3103.6*	2887.1
42.5°	3777.2	3829.7	3860.4	3864.7	3781.6	3705.1	3643.8	3490.7	3282.9	*3267.6*	3051.1
45°	3632.9	3613.2	3694.1	3788.2	3783.8	3751.0	3748.8	3652.6	3482.0	*3466.7*	3237.0
47.5°	3451.4	3436.0	3479.8	3617.6	3716.0	3770.7	3851.6	3842.9	3722.6	*3700.7*	3453.5
50°	3018.3	3044.5	3258.9	3447.0	3617.6	3777.2	3939.1	4041.9	3956.6	*3939.1*	3683.2
52.5°	2613.7	2631.2	2777.7	3226.1	3490.7	3757.6	4015.6	4251.9	4230.0	*4210.3*	3934.7
55°	2329.3	2346.8	2580.9	2867.4	3302.6	3656.9	4065.9	4450.9	4507.8	*4488.1*	4201.6
57.5°	2031.9	2060.3	2220.0	2471.5	3051.1	3490.7	4083.4	4652.1	4809.6	*4792.1*	4457.5
60°	1745.4	1784.7	1878.8	2152.2	2740.5	3293.9	4037.5	4814.0	5100.5	*5100.5*	4722.1
62.5°	1480.7	1502.6	1601.0	1848.2	2346.8	3042.4	3921.6	4916.8	5367.3	*5356.4*	4953.9
65°	1262.0	1272.9	1351.7	1563.8	2016.6	2764.6	3720.4	4910.2	5557.6	*5559.8*	5107.0
67°	*1065.2*	*1082.6*	*1170.1*	*1362.6*	*1765.0*	*2502.1*	*3488.5*	*4811.8*	*5625.4*	*5629.8*	*5144.2*
67.5°	997.3	1017.0	1113.3	1312.3	1712.6	2429.9	3433.9	4770.2	5621.0	*5629.8*	5133.3
70°	686.8	691.1	853.0	1080.5	1408.5	2047.2	3055.5	4481.5	5454.8	*5448.2*	4894.9
72.5°	437.4	430.9	586.2	789.6	1133.0	1657.9	2578.7	3976.3	4949.6	*4943.0*	4315.3
75°	290.9	297.5	395.9	564.3	796.1	1281.7	2010.0	3000.8	3438.2	*3412.0*	2847.7
77.5°	207.8	203.4	245.0	406.8	533.7	778.6	1091.4	1596.6	1826.3	*1826.3*	1563.8
80°	113.7	115.9	133.4	225.3	301.8	304.0	409.0	800.5	892.4	*912.0*	758.9
82.5°	32.8	35.0	48.1	76.6	83.1	91.9	142.2	229.7	240.6	*253.7*	205.6
85°	0.0	0.0	0.0	2.2	8.7	10.9	10.9	13.1	21.9	*21.9*	24.1
87.5°	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.4	8.7	*8.7*	10.9
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-PB2E-830-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1	2198.1
2.5°	2195.9	2198.1	2189.4	2178.4	2169.7	2165.3	2152.2	2141.2	2147.8	2154.4	2154.4
5°	2193.7	2191.5	2174.0	2154.4	2141.2	2132.5	2110.6	2095.3	2097.5	2104.1	2101.9
7.5°	2193.7	2185.0	2160.9	2132.5	2110.6	2093.1	2064.7	2047.2	2045.0	2049.4	2045.0
10°	2195.9	2180.6	2147.8	2108.4	2077.8	2051.6	2016.6	1996.9	1990.3	1992.5	1988.1
12.5°	2200.3	2176.2	2134.7	2084.4	2045.0	2010.0	1970.6	1946.6	1942.2	1946.6	1946.6
15°	2206.9	2176.2	2123.7	2062.5	2010.0	1970.6	1931.3	1909.4	1909.4	1911.6	1911.6
17.5°	2220.0	2182.8	2115.0	2038.4	1975.0	1931.3	1896.3	1881.0	1883.2	1889.7	1889.7
20°	2233.1	2191.5	2106.2	2014.4	1944.4	1894.1	1865.7	1854.7	1863.5	1872.2	1872.2
22.5°	2252.8	2202.5	2097.5	1992.5	1909.4	1859.1	1835.0	1826.3	1835.0	1846.0	1841.6
25°	2283.4	2222.2	2090.9	1972.8	1876.6	1821.9	1797.9	1789.1	1793.5	1802.2	1802.2
27.5°	2318.4	2246.2	2088.7	1948.8	1837.2	1778.2	1749.7	1736.6	1736.6	1738.8	1741.0
30°	2377.5	2287.8	2097.5	1931.3	1802.2	1732.2	1695.1	1675.4	1673.2	1681.9	1681.9
32.5°	2447.4	2344.6	2119.4	1916.0	1767.2	1677.6	1627.3	1611.9	1607.6	1614.1	1607.6
35°	2526.2	2408.1	2147.8	1913.8	1732.2	1618.5	1561.6	1544.1	1531.0	1526.6	1522.3
37.5°	2637.7	2495.6	2176.2	1902.8	1697.2	1555.1	1493.8	1456.7	1441.3	1437.0	1437.0
40°	2747.1	2580.9	2211.2	1885.3	1655.7	1491.6	1404.2	1362.6	1356.0	1356.0	1356.0
42.5°	2884.9	2692.4	2259.3	1874.4	1605.4	1428.2	1307.9	1259.8	1259.8	1259.8	1257.6
45°	3055.5	2838.9	2320.6	1870.0	1557.3	1351.7	1205.1	1141.7	1139.5	1137.3	1135.1
47.5°	3254.5	2992.0	2379.6	1859.1	1500.4	1259.8	1087.0	1017.0	1001.7	997.3	990.8
50°	3460.1	3158.3	2443.1	1843.8	1432.6	1152.6	975.5	894.6	861.7	850.8	855.2
52.5°	3678.8	3320.1	2504.3	1821.9	1351.7	1045.5	861.7	776.4	743.6	730.5	728.3
55°	3893.2	3484.2	2561.2	1793.5	1264.2	936.1	765.5	682.4	654.0	649.6	649.6
57.5°	4109.7	3641.6	2604.9	1751.9	1167.9	839.9	682.4	614.6	594.9	603.7	603.7
60°	4306.5	3779.4	2626.8	1695.1	1071.7	752.4	616.8	566.5	557.7	579.6	577.4
62.5°	4483.7	3871.3	2615.9	1611.9	977.7	678.0	566.5	529.3	531.5	557.7	559.9
65°	4569.0	3886.6	2552.4	1498.2	872.7	614.6	514.0	479.0	483.4	511.8	518.4
67°	*4549.3*	*3827.5*	*2447.4*	*1369.2*	*787.4*	*566.5*	*481.2*	*446.2*	*448.4*	*472.4*	*474.6*
67.5°	4527.4	3799.1	2419.0	1329.8	765.5	557.7	472.4	439.6	444.0	465.9	465.9
70°	4236.5	3510.4	2156.5	1128.6	662.7	496.5	430.9	409.0	413.4	426.5	426.5
72.5°	3702.9	3040.2	1745.4	905.5	562.1	439.6	389.3	376.2	376.2	376.2	365.3
75°	2362.1	1905.0	1141.7	693.3	463.7	376.2	349.9	334.6	325.9	339.0	334.6
77.5°	1305.7	995.2	594.9	398.1	334.6	312.8	304.0	297.5	295.3	325.9	317.1
80°	619.0	492.1	334.6	227.5	192.5	231.8	262.5	258.1	308.4	422.1	424.3
82.5°	196.8	161.9	135.6	124.7	129.0	166.2	203.4	234.0	400.3	452.7	446.2
85°	24.1	21.9	15.3	50.3	85.3	122.5	157.5	304.0	367.4	306.2	288.7
87.5°	8.7	8.7	8.7	35.0	65.6	94.0	142.2	306.2	225.3	205.6	188.1
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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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

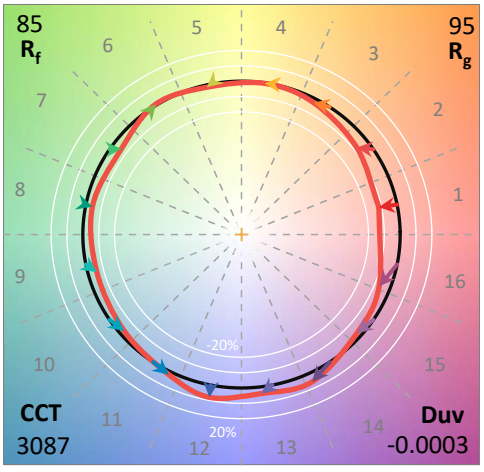
Test Information

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

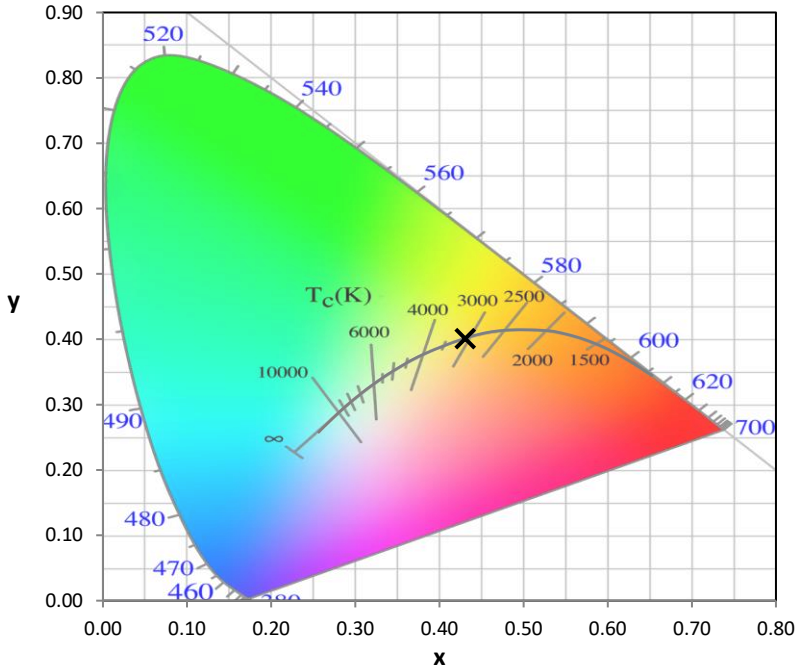
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-4

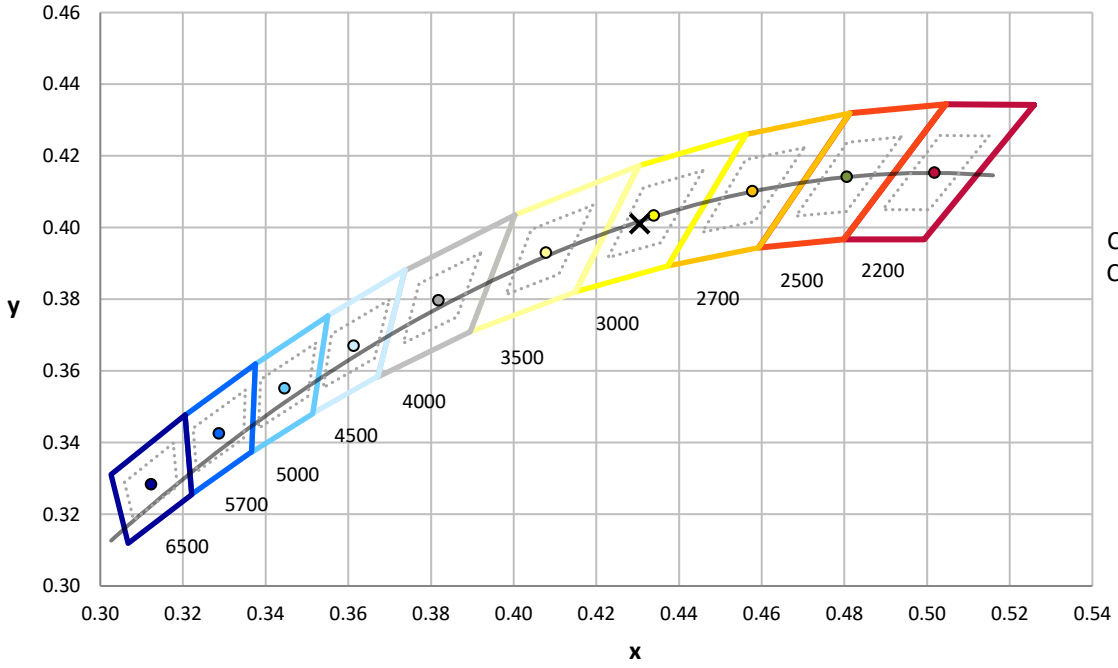
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

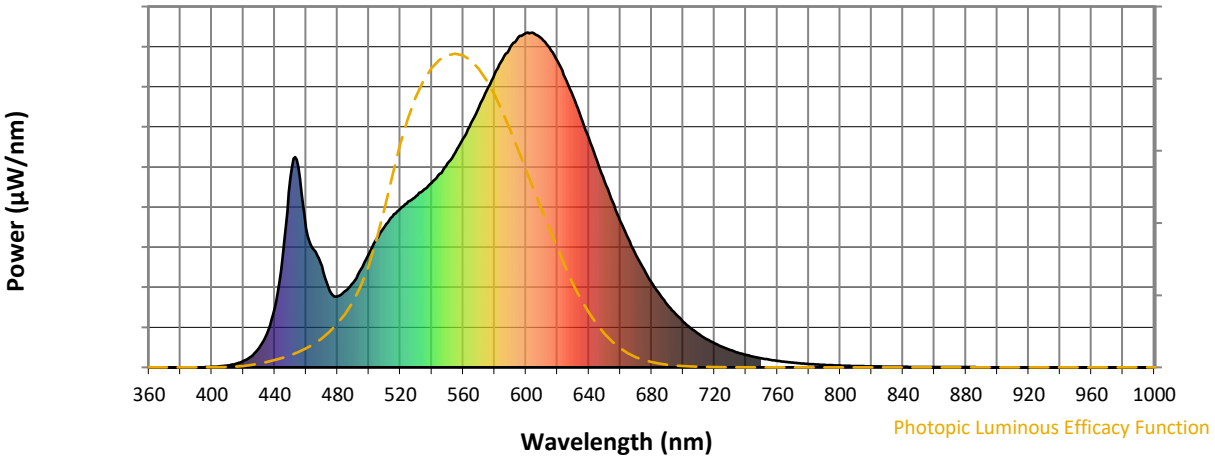


CCT = 3087K
CIE x = 0.4305
CIE y = 0.4010
Duv = -0.0003

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-4

Photopic Flux vs. Wavelength

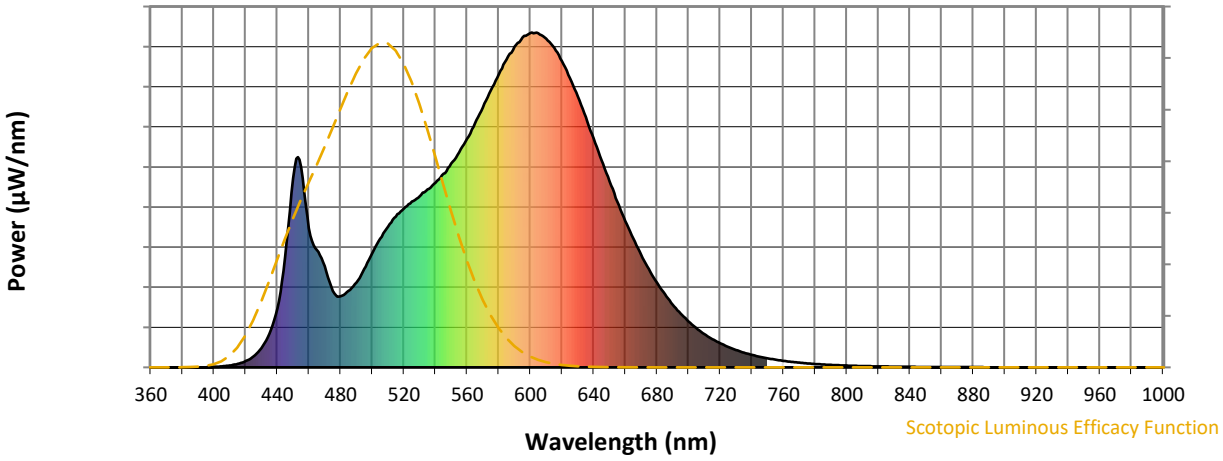


Photopic Lumens: NR

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			

REPORT NUMBER: SP3-2511-595-4

Scotopic Flux vs. Wavelength

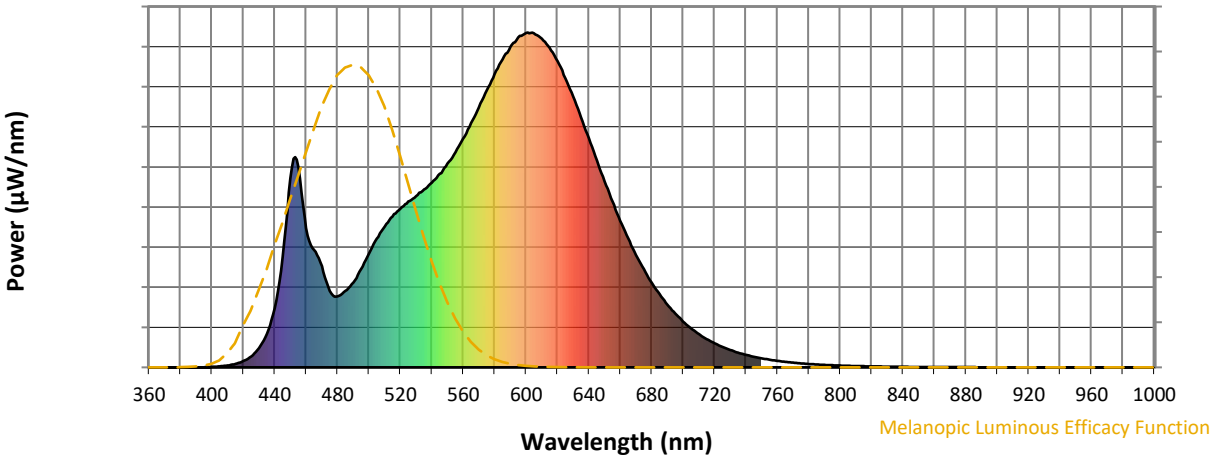


Scotopic Lumens: NR **S/P: 1.4**

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			

REPORT NUMBER: SP3-2511-595-4

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			

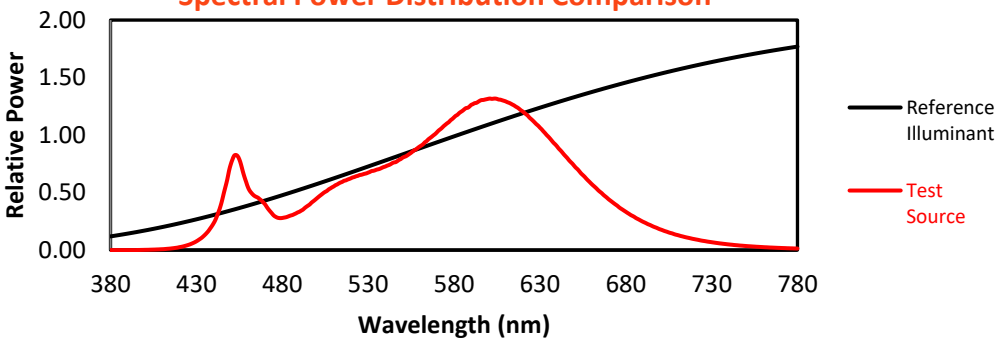
REPORT NUMBER: SP3-2511-595-4

TM-30-18

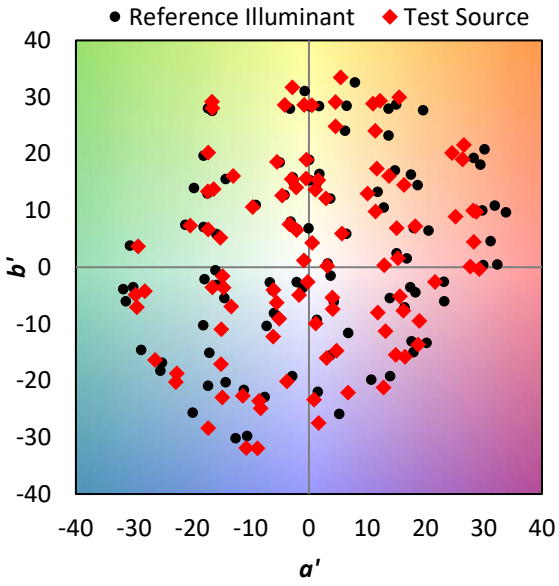
Summary

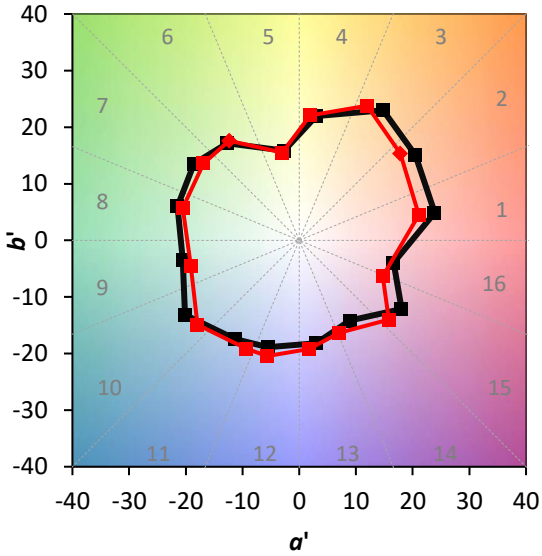
R_f = 84.7
R_g = 94.9
CIE R_a = 82.7
R_9 = 5.8

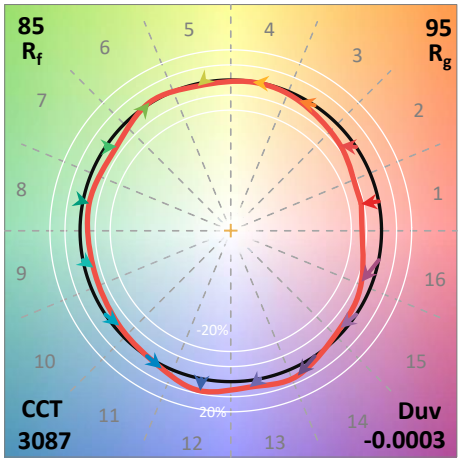
Spectral Power Distribution Comparison

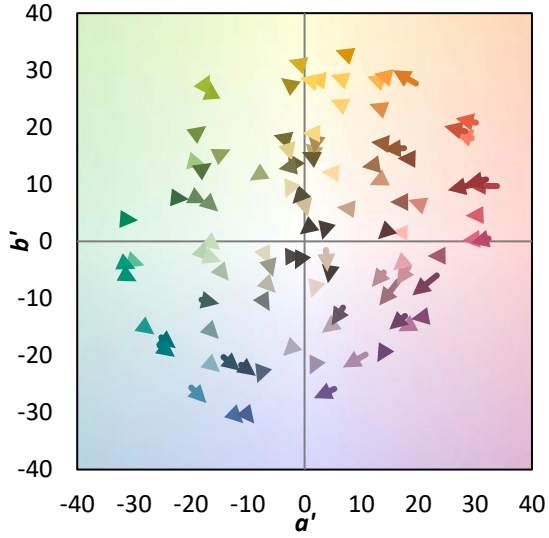


Color Vector Graphics







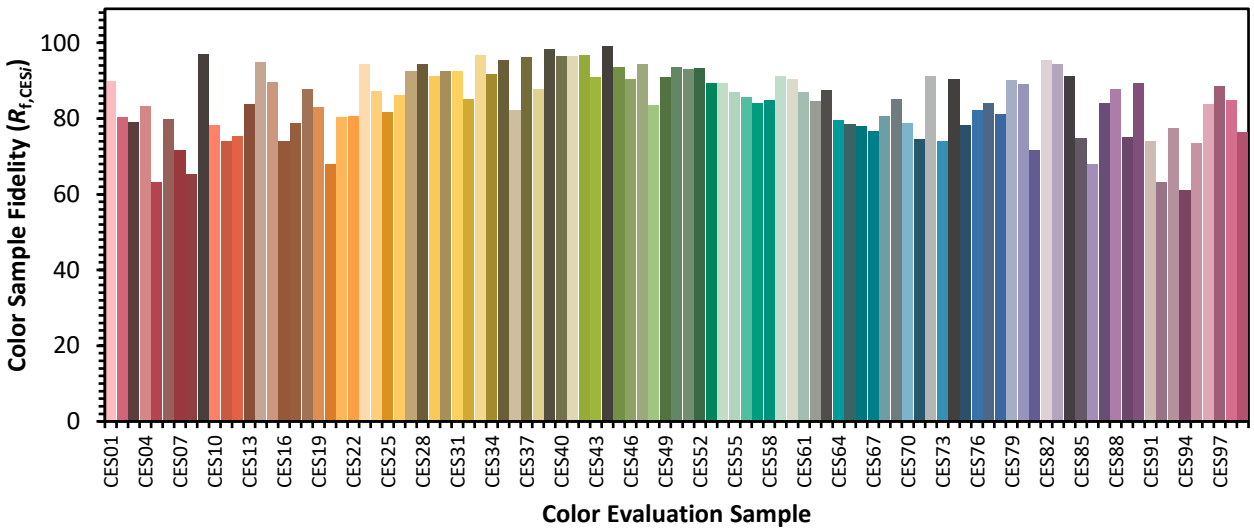


REPORT NUMBER: SP3-2511-595-4

TM-30-18

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

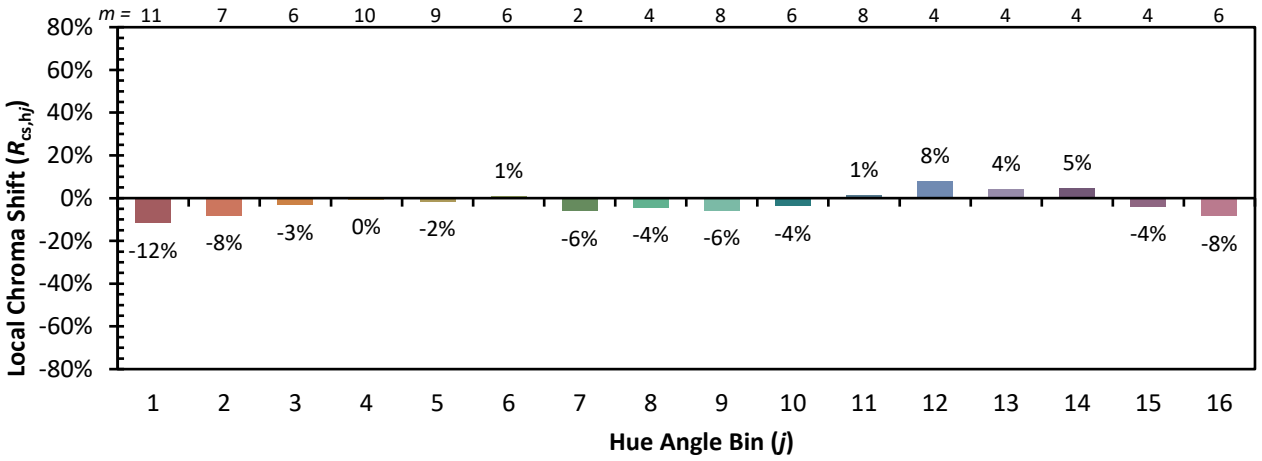
CES01 = 86	CES26 = 86	CES51 = 93	CES76 = 82
CES02 = 63	CES27 = 93	CES52 = 93	CES77 = 84
CES03 = 31	CES28 = 94	CES53 = 89	CES78 = 81
CES04 = 70	CES29 = 91	CES54 = 89	CES79 = 90
CES05 = 49	CES30 = 93	CES55 = 87	CES80 = 89
CES06 = 51	CES31 = 93	CES56 = 86	CES81 = 72
CES07 = 42	CES32 = 85	CES57 = 84	CES82 = 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	

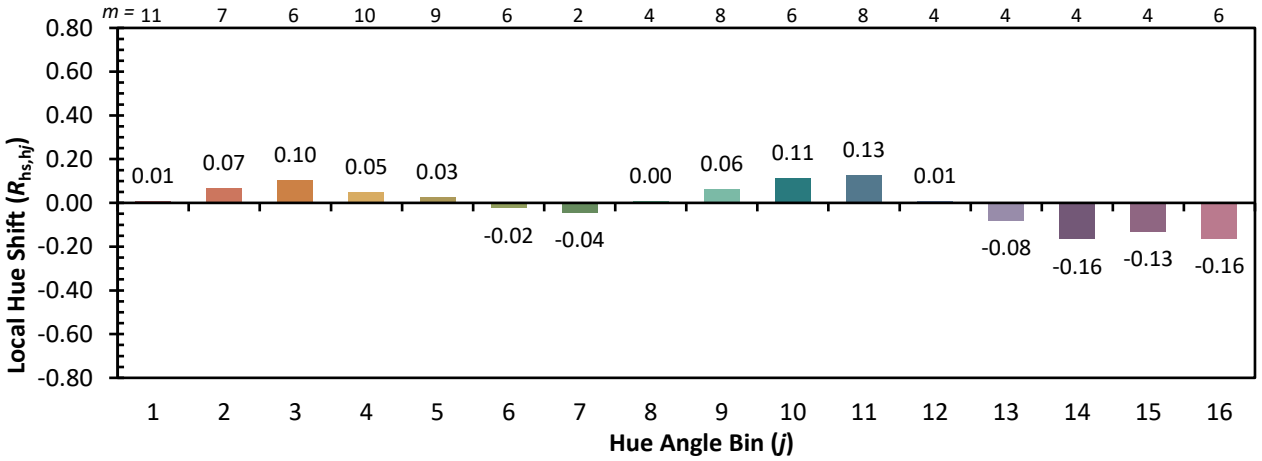


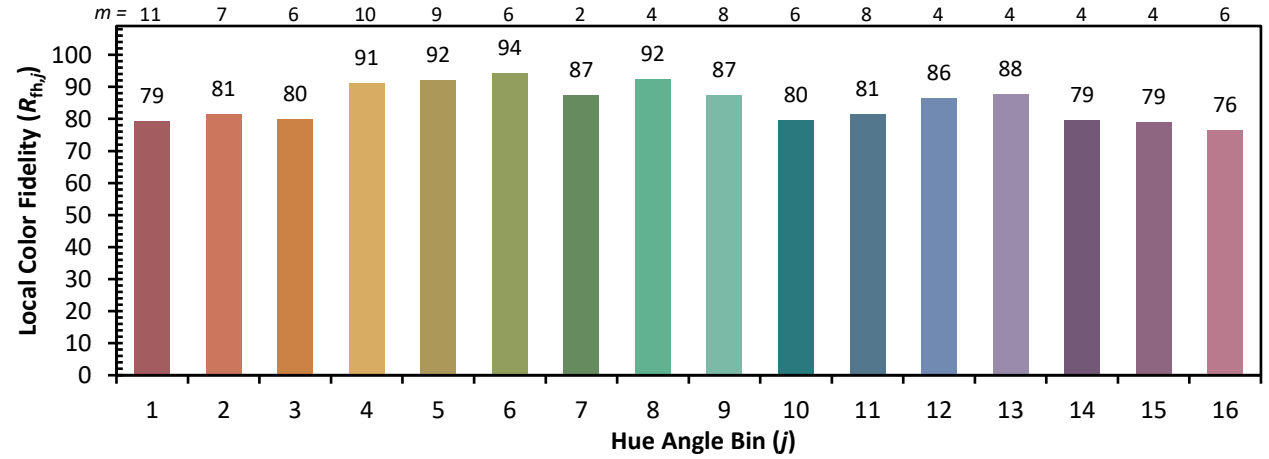
REPORT NUMBER: SP3-2511-595-4

TM-30-18

Color Rendition by Hue-Angle Bin



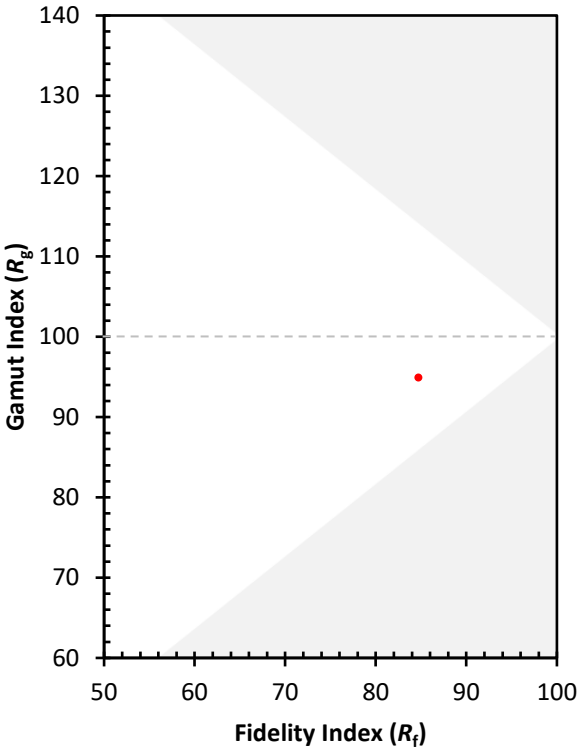


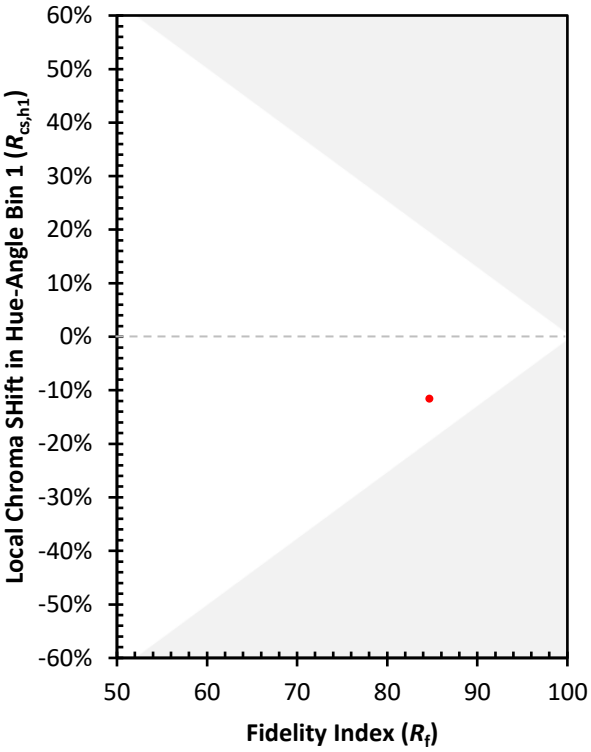


REPORT NUMBER: SP3-2511-595-4

TM-30-18

Measure Comparisons





(END OF REPORT)