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: P1211847

Luminaire Tested: **GKO-PB2E-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:	P1211847
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-T3
Description:	GEKKO WALL PACK 12000LM 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:	11264.8 lumens
Efficiency:	N/A
Efficacy:	107.6 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):	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: P1211847
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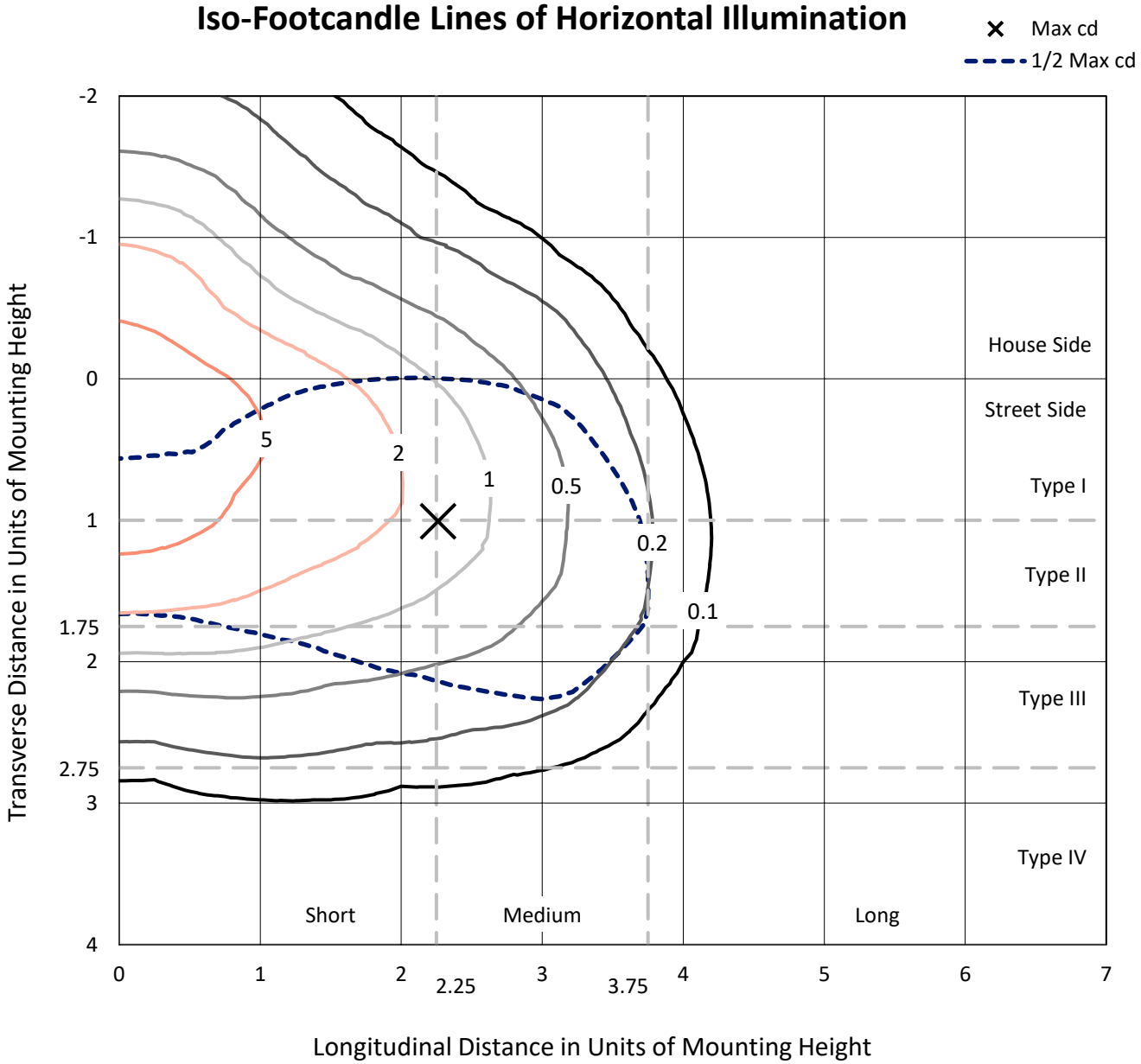
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 9.7 fc
Type III - Medium - N/A

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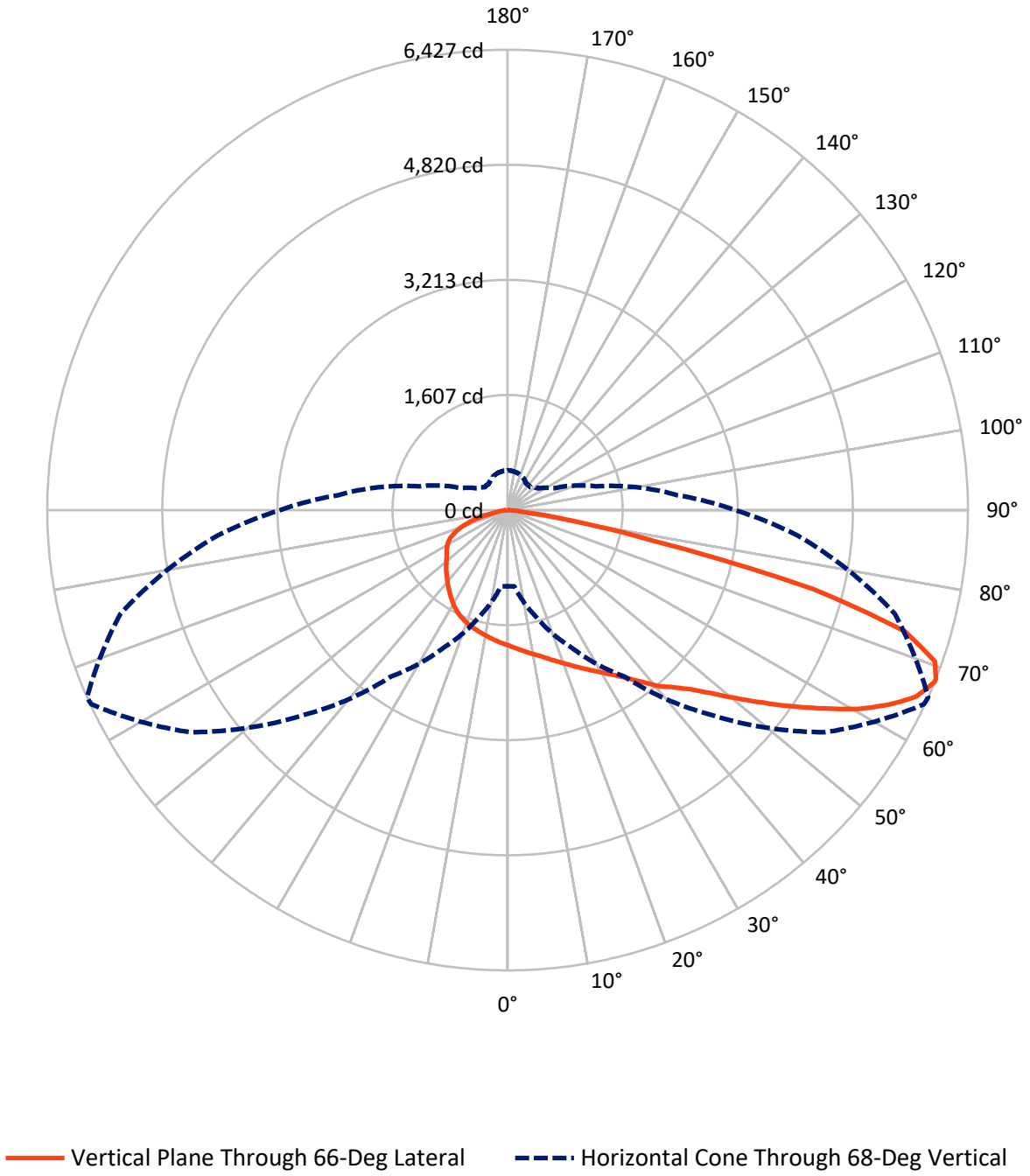
Luminous Intensity Polar Plot



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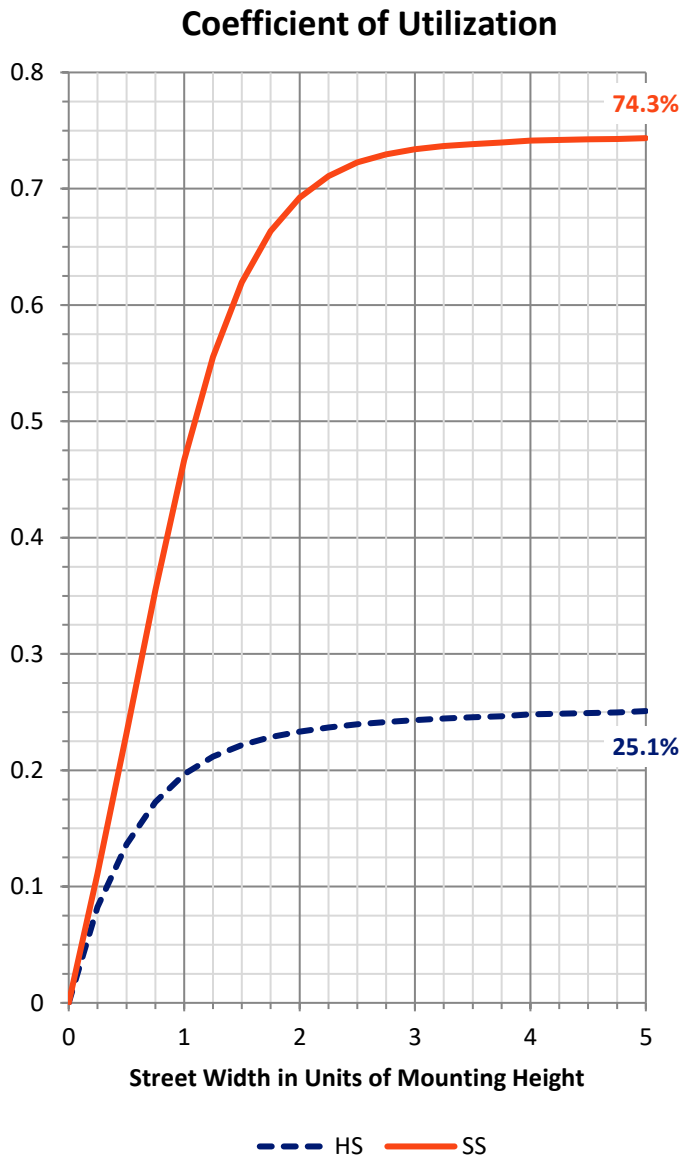
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2884.0	0.0	2884.0
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	8380.8	0.0	8380.8
	% Fixture	74.4	0.0	74.4
Total	Lumens	11264.8	0.0	11264.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.2	1.6
10°-20°	544.8	4.8
20°-30°	938.8	8.3
30°-40°	1456.3	12.9
40°-50°	1995.1	17.7
50°-60°	2379.9	21.1
60°-70°	2384.8	21.2
70°-80°	1262.0	11.2
80°-90°	121.8	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°	11264.8	100.0
0°-180°	11264.8	100.0



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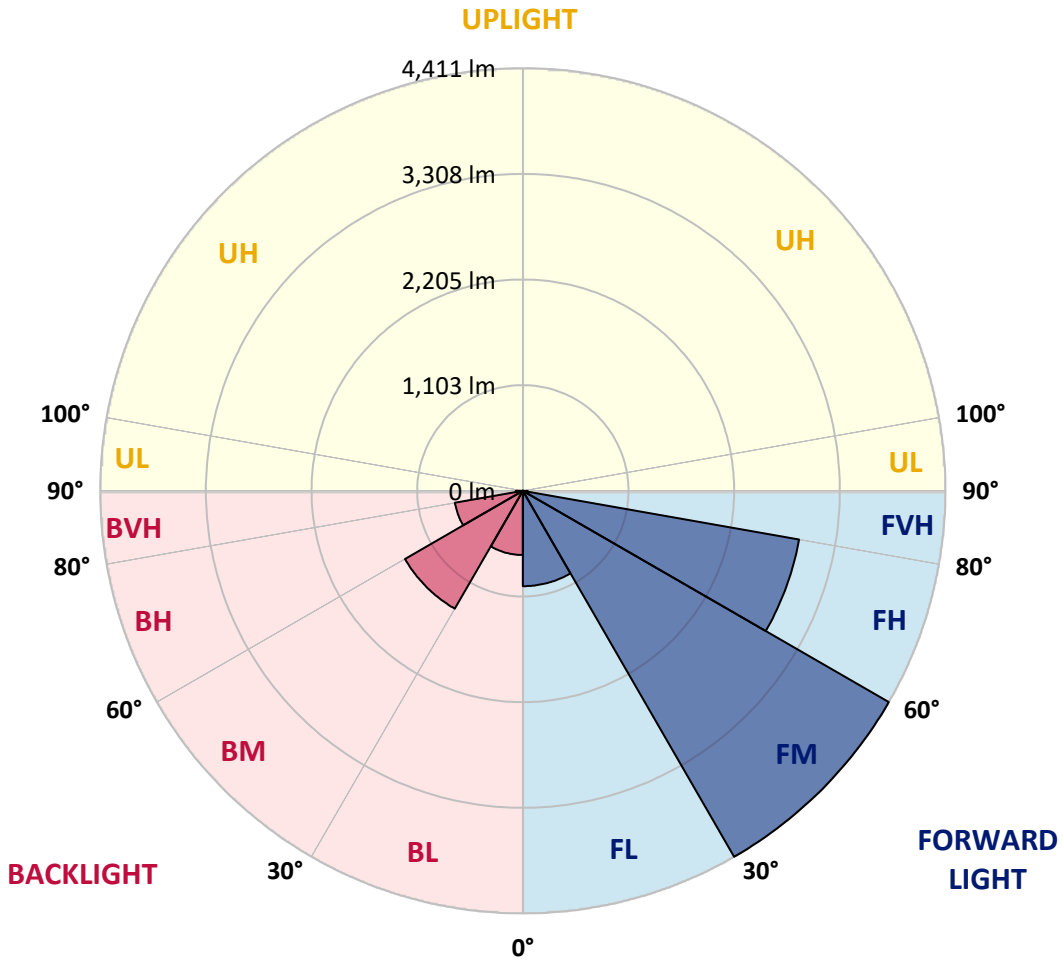
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	995.0	8.8			
FM	(30°-60°)	4410.7	39.2			
FH	(60°-80°)	2927.2	26.0			G2/5000
FVH	(80°-90°)	47.9	0.4			G1/100
BL	(0°-30°)	669.9	5.9	B2/1000		
BM	(30°-60°)	1420.6	12.6	B2/2500		
BH	(60°-80°)	719.5	6.4	B2/1000		G2/1000
BVH	(80°-90°)	73.9	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: P1211847
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4	*1889.4*	1889.4	1889.4
2.5°	1968.1	1968.1	1963.7	1961.5	1959.3	1946.2	1937.5	1926.5	*1926.5*	1909.0	1893.7
5°	2035.9	2038.1	2029.3	2029.3	2020.6	2003.1	1985.6	1963.7	*1963.7*	1937.5	1906.8
7.5°	2094.9	2101.5	2092.7	2092.7	2084.0	2064.3	2035.9	2005.3	*2005.3*	1968.1	1924.3
10°	2151.8	2156.1	2151.8	2156.1	2143.0	2125.5	2092.7	2051.2	*2049.0*	2003.1	1941.8
12.5°	2197.7	2202.1	2204.2	2210.8	2199.9	2186.8	2156.1	2103.7	*2097.1*	2042.4	1963.7
15°	2241.4	2245.8	2252.4	2261.1	2258.9	2248.0	2219.6	2160.5	*2156.1*	2086.2	1992.1
17.5°	2276.4	2278.6	2291.7	2309.2	2313.6	2315.8	2285.2	2223.9	*2219.6*	2136.5	2022.7
20°	2326.7	2331.1	2344.2	2361.7	2374.8	2383.6	2359.5	2291.7	*2287.3*	2195.5	2062.1
22.5°	2440.4	2433.9	2440.4	2440.4	2447.0	2460.1	2442.6	2374.8	*2366.1*	2265.5	2110.2
25°	2654.7	2648.2	2630.7	2591.3	2547.6	2545.4	2525.7	2460.1	*2449.2*	2337.6	2156.1
27.5°	2954.3	2939.0	2906.2	2823.1	2718.1	2650.3	2619.7	2551.9	*2538.8*	2409.8	2199.9
30°	3271.4	3288.9	3234.2	3120.5	2928.1	2783.7	2724.7	2648.2	*2637.2*	2490.7	2252.4
32.5°	3640.9	3643.1	3588.5	3431.0	3181.7	2952.1	2851.5	2757.5	*2748.7*	2584.7	2322.3
35°	3855.2	3864.0	3839.9	3693.4	3409.1	3138.0	3004.6	2890.9	*2884.3*	2702.8	2409.8
37.5°	4078.3	4098.0	4060.8	3899.0	3581.9	3310.7	3175.2	3050.5	*3044.0*	2838.4	2519.1
40°	4408.5	4399.7	4360.4	4122.0	3743.7	3455.1	3343.5	3245.1	*3229.8*	3004.6	2630.7
42.5°	4646.9	4668.7	4583.4	4314.5	3920.8	3599.4	3511.9	3400.4	*3380.7*	3105.2	2696.3
45°	4727.8	4708.1	4614.0	4417.2	4152.6	3730.6	3671.6	3586.3	*3566.6*	3282.3	2825.3
47.5°	4745.3	4710.3	4627.2	4478.5	4349.5	3901.2	3866.2	3846.5	*3818.1*	3505.4	2980.5
50°	4638.1	4614.0	4574.7	4500.3	4476.3	4060.8	4078.3	4150.5	*4126.4*	3745.9	3153.3
52.5°	4395.4	4384.4	4419.4	4467.5	4404.1	4198.6	4329.8	4476.3	*4467.5*	4010.5	3339.2
55°	3938.3	3938.3	4135.1	4303.5	4340.7	4288.2	4600.9	4852.4	*4841.5*	4307.9	3516.3
57.5°	3520.7	3527.2	3691.2	4069.5	4227.0	4384.4	4902.7	5246.0	*5228.5*	4642.5	3702.2
60°	2993.7	2993.7	3243.0	3717.5	4063.0	4458.8	5169.5	5626.5	*5637.4*	4966.1	3885.9
62.5°	2370.4	2377.0	2722.5	3280.1	3826.8	4471.9	5381.6	5985.1	*5983.0*	5259.1	4028.0
65°	1747.2	1749.4	2219.6	2794.7	3472.6	4380.1	5497.5	6260.7	*6273.8*	5490.9	4111.1
67.5°	1134.9	1156.8	1633.5	2267.7	2971.8	4119.8	5436.3	6407.2	*6422.5*	5598.1	4084.9
68°	*1062.8*	*1067.1*	*1546.0*	*2123.3*	*2836.2*	*4054.2*	*5407.8*	*6413.7*	*6426.9*	*5595.9*	*4058.6*
70°	688.8	688.8	1106.5	1657.6	2263.3	3645.3	5160.7	6311.0	*6326.3*	5499.7	3868.4
72.5°	371.7	378.3	632.0	1003.7	1546.0	2820.9	4657.8	5775.2	*5801.5*	4972.7	3382.9
75°	260.2	264.6	367.4	562.0	841.9	1836.9	3640.9	4412.9	*4408.5*	3435.4	2119.0
77.5°	188.1	188.1	209.9	349.9	441.7	839.7	1801.9	2125.5	*2101.5*	1677.2	1069.3
80°	122.5	122.5	131.2	183.7	212.1	255.9	551.1	920.6	*938.1*	817.8	533.6
82.5°	50.3	52.5	56.9	74.3	76.5	107.2	157.4	264.6	*255.9*	207.7	150.9
85°	6.6	6.6	8.7	10.9	13.1	24.1	21.9	21.9	*21.9*	26.2	24.1
87.5°	0.0	0.0	0.0	0.0	0.0	2.2	4.4	6.6	*6.6*	8.7	6.6
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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CATALOG NUMBER: GKO-PB2E-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4	1889.4
2.5°	1889.4	1889.4	1876.2	1863.1	1850.0	1839.1	1823.8	1812.8	1815.0	1821.6	1819.4
5°	1900.3	1889.4	1863.1	1834.7	1812.8	1793.1	1764.7	1749.4	1747.2	1751.6	1749.4
7.5°	1906.8	1889.4	1850.0	1806.3	1771.3	1745.0	1705.7	1690.4	1683.8	1686.0	1686.0
10°	1920.0	1891.5	1836.9	1775.6	1731.9	1694.7	1653.2	1631.3	1624.8	1624.8	1622.6
12.5°	1935.3	1895.9	1823.8	1749.4	1692.5	1648.8	1600.7	1576.6	1570.1	1570.1	1567.9
15°	1950.6	1902.5	1810.6	1721.0	1655.4	1602.9	1557.0	1528.5	1519.8	1519.8	1524.2
17.5°	1970.3	1909.0	1797.5	1694.7	1616.0	1557.0	1508.9	1480.4	1469.5	1476.1	1480.4
20°	1989.9	1922.2	1784.4	1666.3	1576.6	1515.4	1467.3	1438.9	1427.9	1438.9	1441.1
22.5°	2018.4	1933.1	1769.1	1633.5	1537.3	1469.5	1425.8	1399.5	1393.0	1403.9	1412.6
25°	2046.8	1946.2	1749.4	1598.5	1487.0	1421.4	1386.4	1366.7	1368.9	1384.2	1393.0
27.5°	2077.4	1957.1	1729.7	1554.8	1432.3	1371.1	1344.9	1340.5	1349.2	1366.7	1377.7
30°	2114.6	1972.5	1703.5	1504.5	1371.1	1316.4	1305.5	1318.6	1333.9	1351.4	1362.3
32.5°	2162.7	1992.1	1677.2	1447.6	1307.7	1257.4	1274.9	1303.3	1320.8	1338.3	1349.2
35°	2230.5	2031.5	1661.9	1390.8	1239.9	1207.1	1246.4	1292.4	1305.5	1316.4	1329.5
37.5°	2309.2	2084.0	1655.4	1338.3	1178.7	1163.4	1218.0	1272.7	1277.1	1281.4	1294.6
40°	2385.7	2123.3	1637.9	1281.4	1115.2	1115.2	1183.0	1235.5	1233.3	1226.8	1235.5
42.5°	2416.4	2119.0	1587.6	1226.8	1064.9	1067.1	1128.4	1178.7	1165.5	1165.5	1178.7
45°	2503.8	2154.0	1550.4	1183.0	1019.0	1010.3	1058.4	1097.8	1119.6	1148.0	1161.2
47.5°	2615.4	2202.1	1522.0	1132.7	975.3	946.9	973.1	1038.7	1075.9	1106.5	1117.4
50°	2731.3	2256.7	1495.7	1080.3	931.6	874.7	887.8	960.0	992.8	1008.1	1014.7
52.5°	2849.3	2307.0	1476.1	1036.5	881.3	789.4	817.8	885.6	909.7	918.4	922.8
55°	2954.3	2348.6	1458.6	999.3	824.4	721.6	743.5	813.5	831.0	839.7	846.3
57.5°	3065.8	2394.5	1447.6	964.4	761.0	662.6	677.9	741.3	765.4	774.1	780.7
60°	3164.2	2438.2	1438.9	927.2	701.9	610.1	618.9	680.1	706.3	710.7	717.3
62.5°	3229.8	2466.7	1425.8	881.3	647.3	559.8	562.0	621.0	649.5	653.8	658.2
65°	3247.3	2460.1	1386.4	820.0	592.6	509.5	509.5	566.4	597.0	612.3	618.9
67.5°	3194.8	2405.4	1303.3	741.3	540.1	463.6	463.6	513.9	546.7	564.2	570.7
68°	*3177.4*	*2381.4*	*1277.1*	*721.6*	*527.0*	*452.7*	*452.7*	*505.1*	*535.8*	*551.1*	*555.4*
70°	3028.7	2263.3	1156.8	647.3	485.5	419.9	419.9	465.8	498.6	498.6	496.4
72.5°	2630.7	1961.5	951.2	542.3	424.2	371.7	378.3	422.0	433.0	443.9	441.7
75°	1629.1	1174.3	638.5	428.6	356.4	325.8	338.9	378.3	384.9	408.9	402.4
77.5°	815.7	575.1	338.9	249.3	275.5	279.9	304.0	332.4	352.1	378.3	360.8
80°	402.4	279.9	199.0	155.3	161.8	205.6	264.6	286.5	321.5	338.9	323.6
82.5°	111.5	85.3	80.9	85.3	120.3	159.6	207.7	253.7	299.6	314.9	293.0
85°	19.7	15.3	13.1	41.5	83.1	118.1	168.4	225.2	269.0	258.0	242.7
87.5°	6.6	4.4	4.4	26.2	61.2	96.2	144.3	201.2	229.6	207.7	185.9
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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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

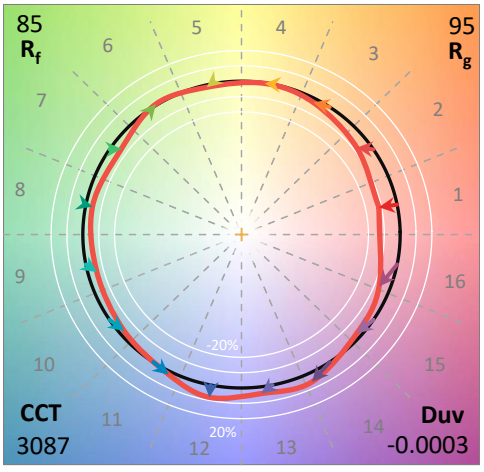
Test Information

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

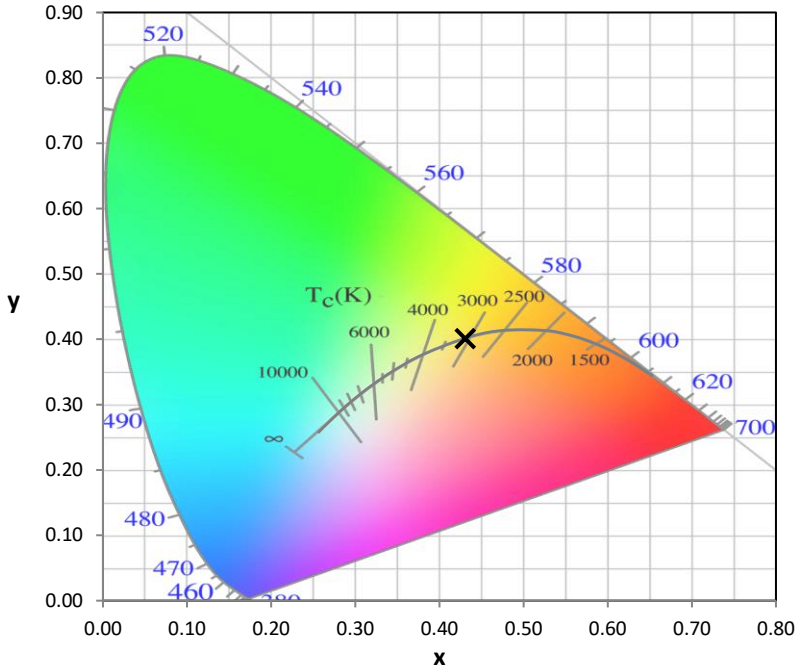
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-4

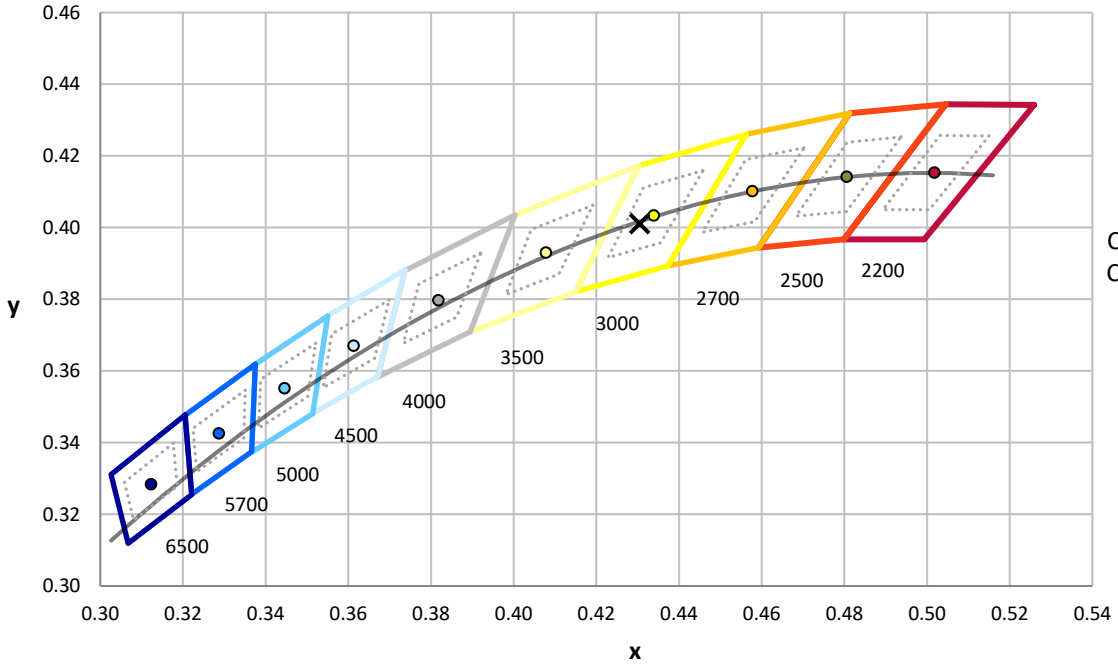
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

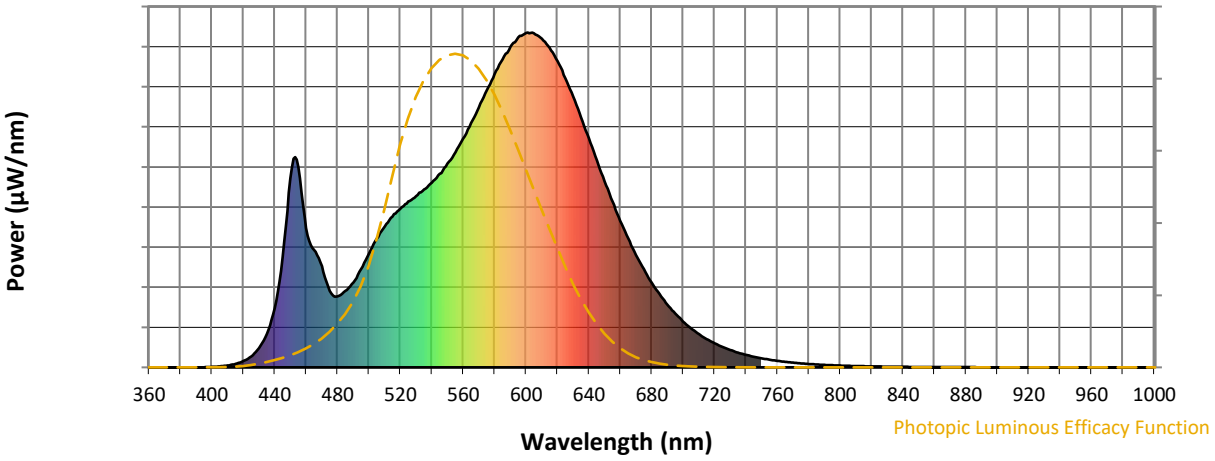


CCT = 3087K
CIE x = 0.4305
CIE y = 0.4010
Duv = -0.0003

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-4

Photopic Flux vs. Wavelength

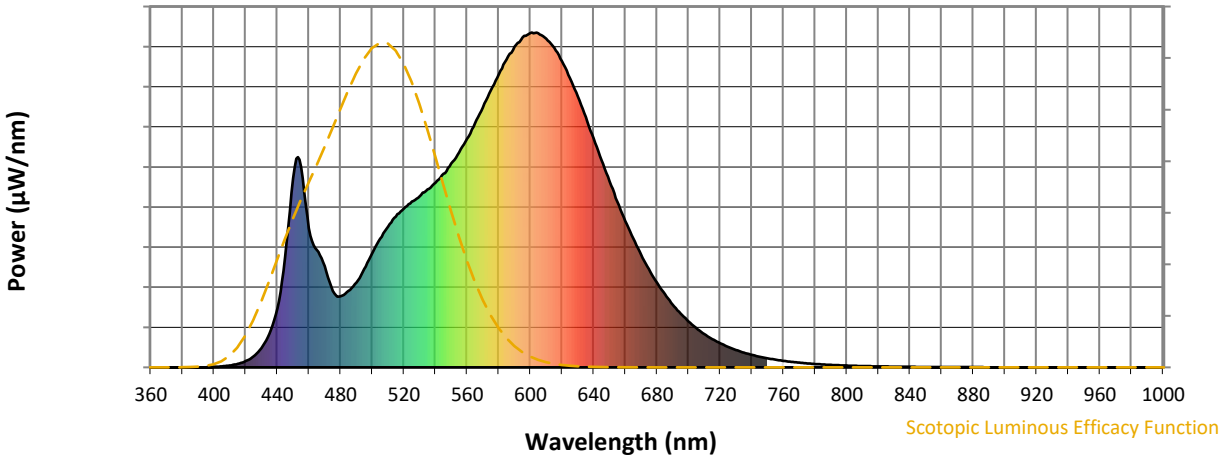


Photopic Lumens: NR

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

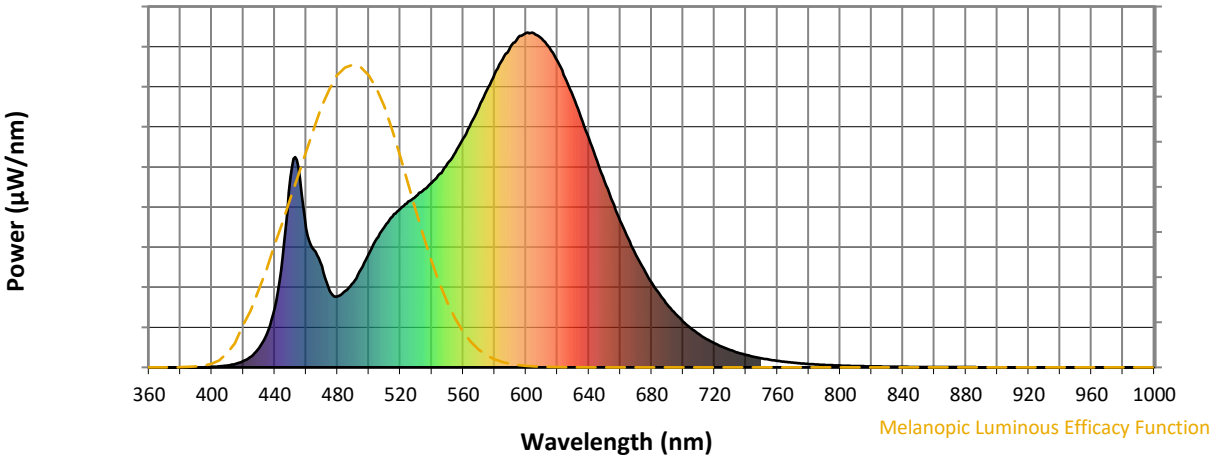


Scotopic Lumens: NR **S/P: 1.4**

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			

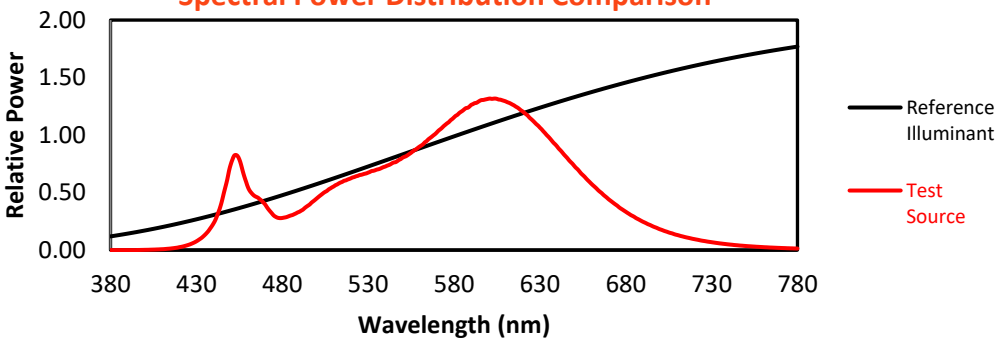
REPORT NUMBER: SP3-2511-595-4

TM-30-18

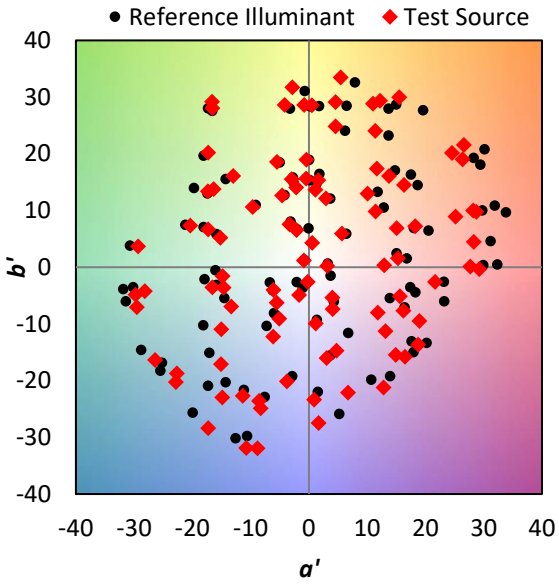
Summary

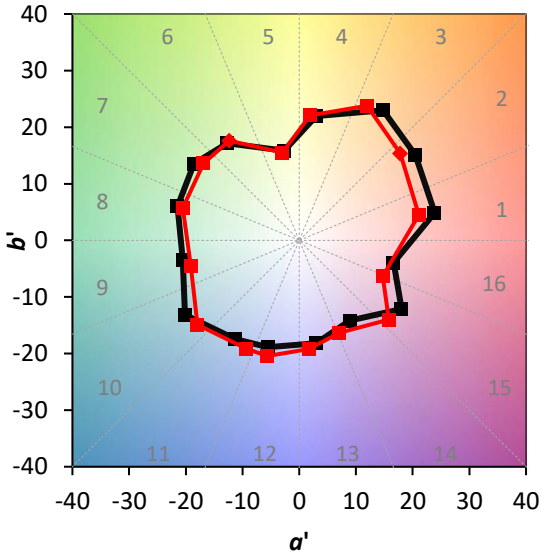
R_f = 84.7
R_g = 94.9
CIE R_a = 82.7
R_9 = 5.8

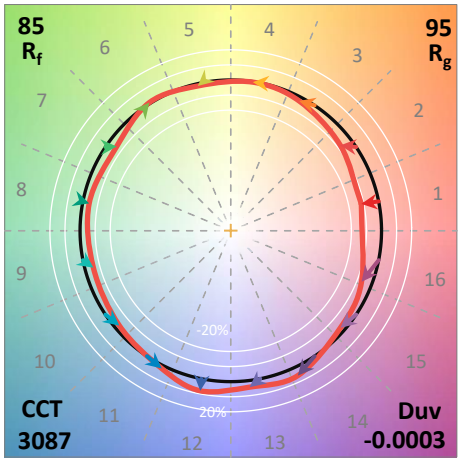
Spectral Power Distribution Comparison

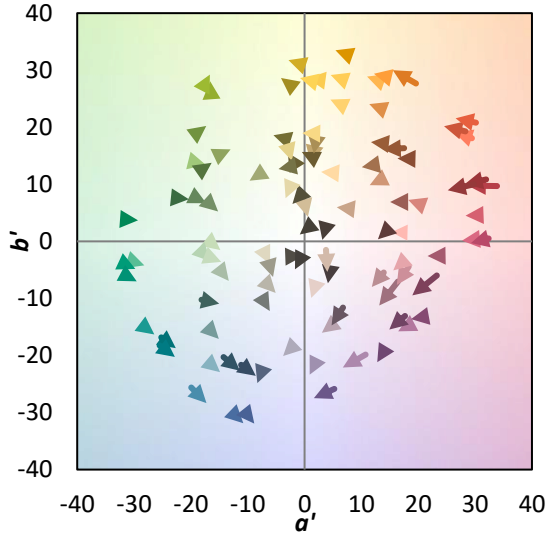


Color Vector Graphics







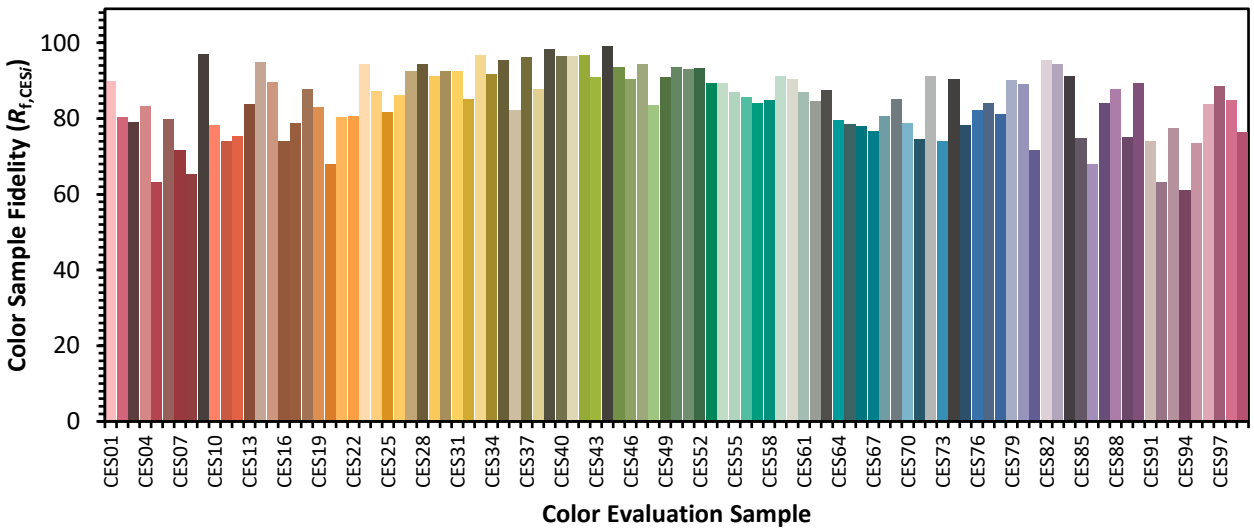


REPORT NUMBER: SP3-2511-595-4

TM-30-18

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

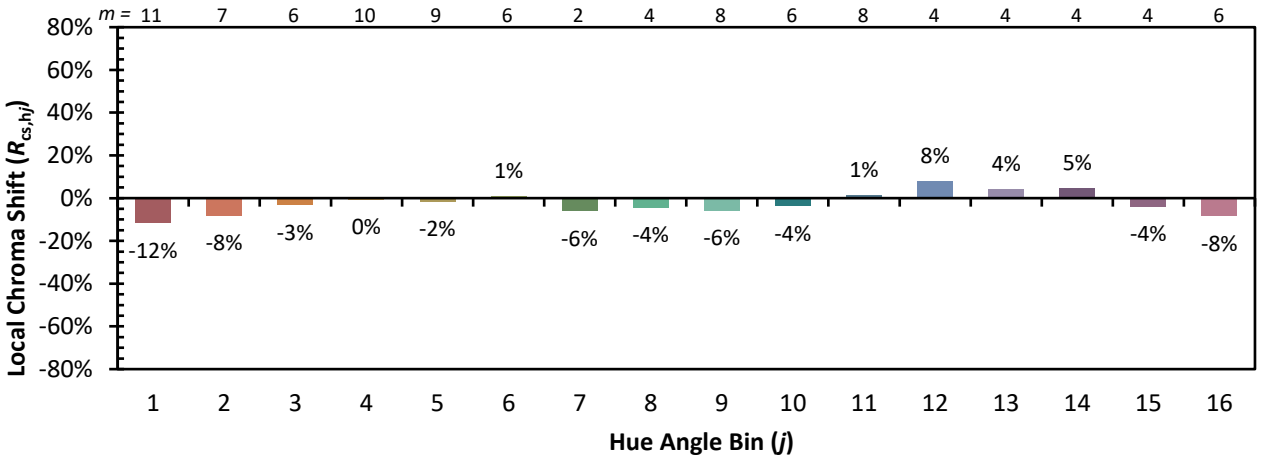
CES01 = 86	CES26 = 86	CES51 = 93	CES76 = 82
CES02 = 63	CES27 = 93	CES52 = 93	CES77 = 84
CES03 = 31	CES28 = 94	CES53 = 89	CES78 = 81
CES04 = 70	CES29 = 91	CES54 = 89	CES79 = 90
CES05 = 49	CES30 = 93	CES55 = 87	CES80 = 89
CES06 = 51	CES31 = 93	CES56 = 86	CES81 = 72
CES07 = 42	CES32 = 85	CES57 = 84	CES82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

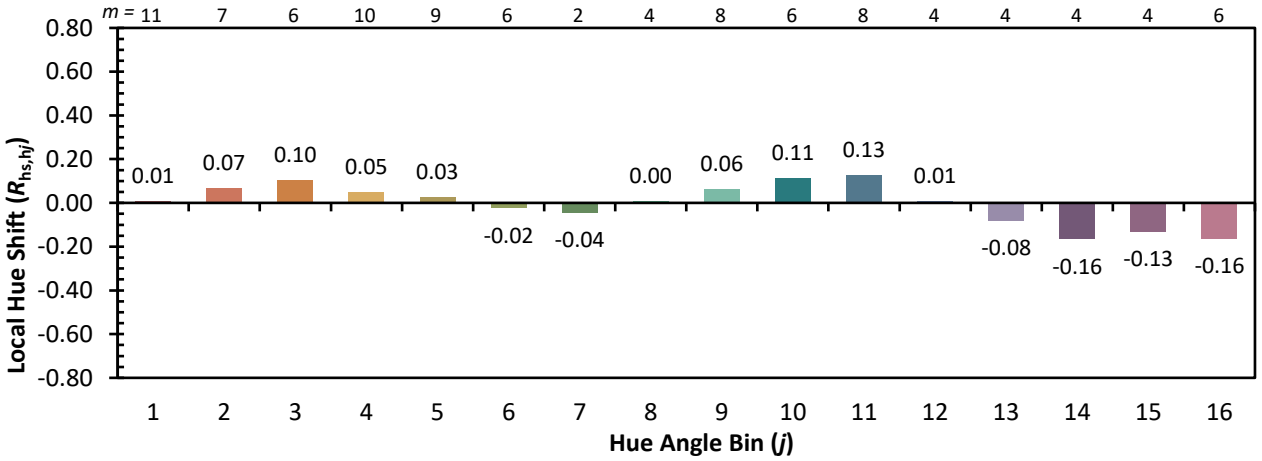


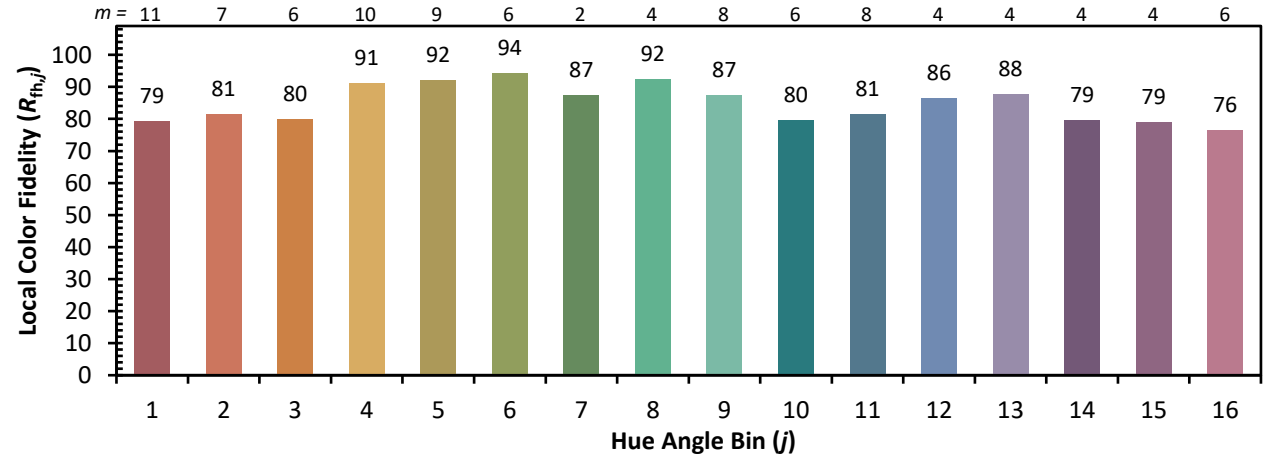
REPORT NUMBER: SP3-2511-595-4

TM-30-18

Color Rendition by Hue-Angle Bin



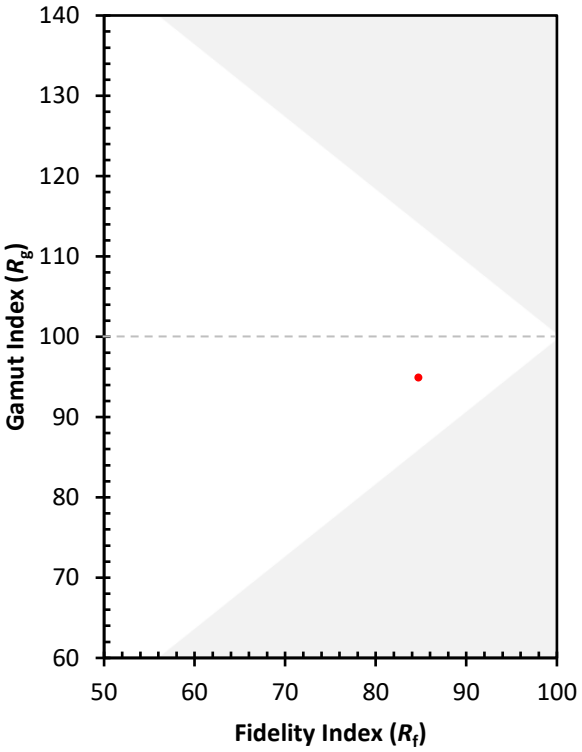


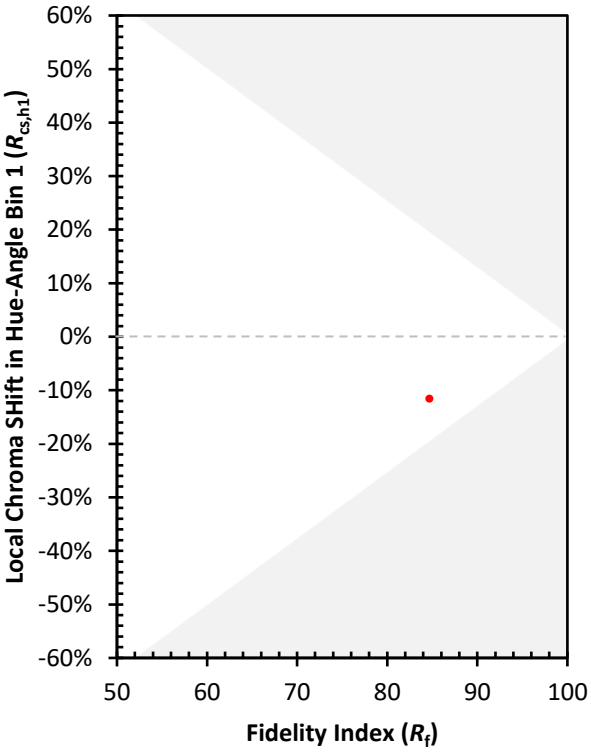


REPORT NUMBER: SP3-2511-595-4

TM-30-18

Measure Comparisons





(END OF REPORT)