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: P1211907

Luminaire Tested: **GKO-PB2E-830-U-T2R**

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:	P1211907
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-T2R
Description:	GEKKO WALL PACK 12000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11428.3 lumens
Efficiency:	N/A
Efficacy:	109.2 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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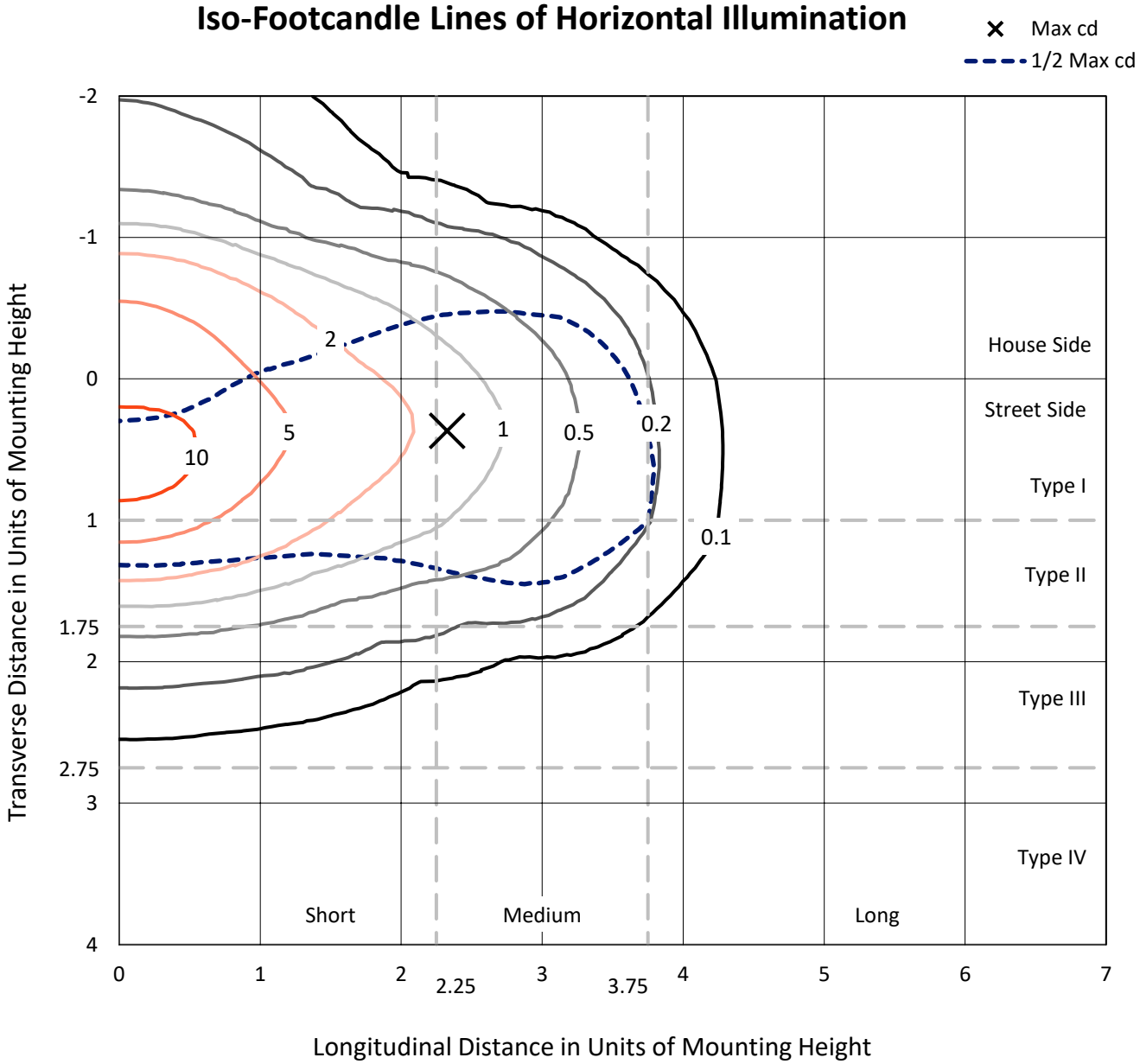
REPORT NUMBER: P1211907
CATALOG NUMBER: GKO-PB2E-830-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 13.6 fc
Type II - Medium - N/A

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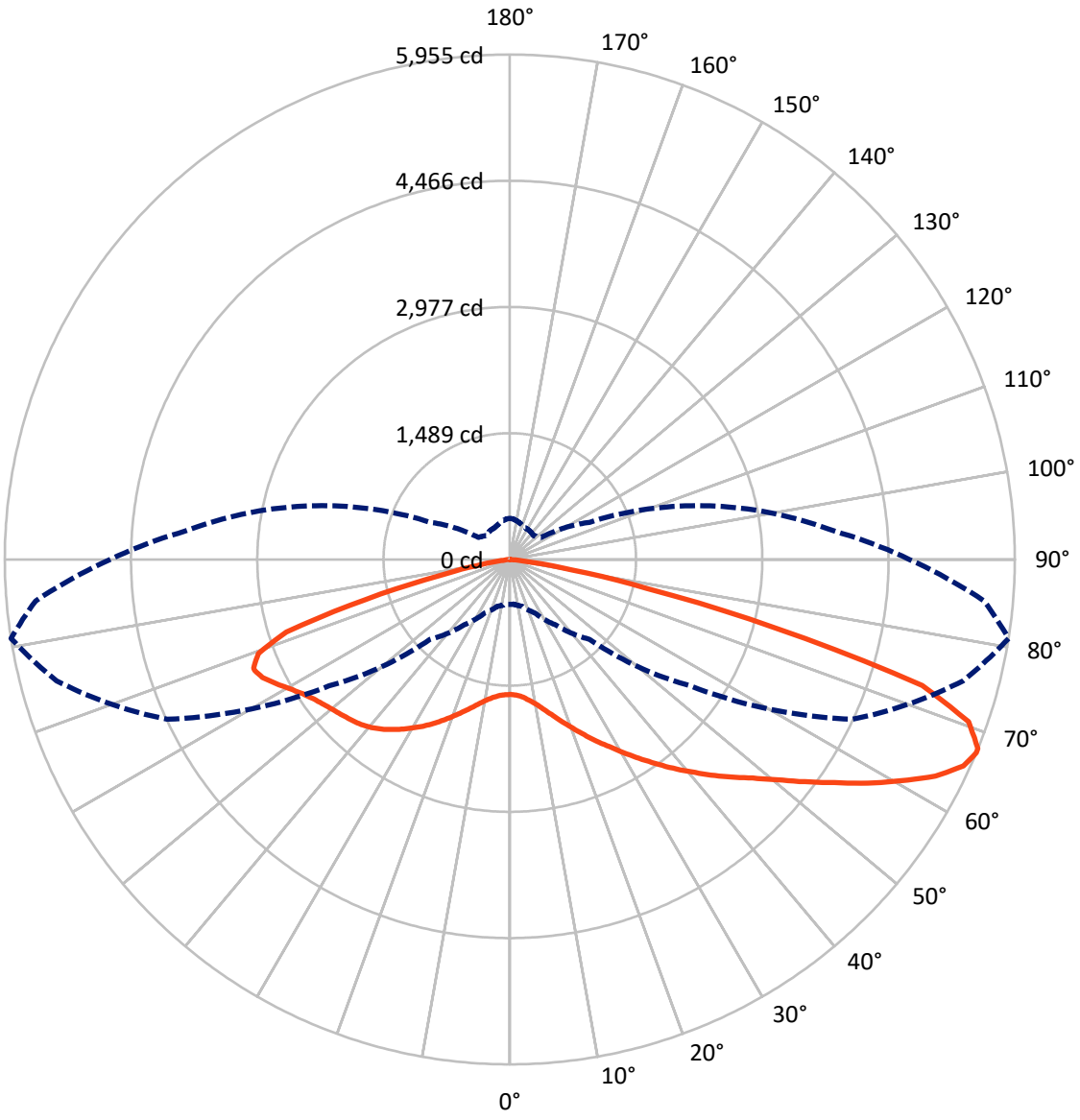
Luminous Intensity Polar Plot



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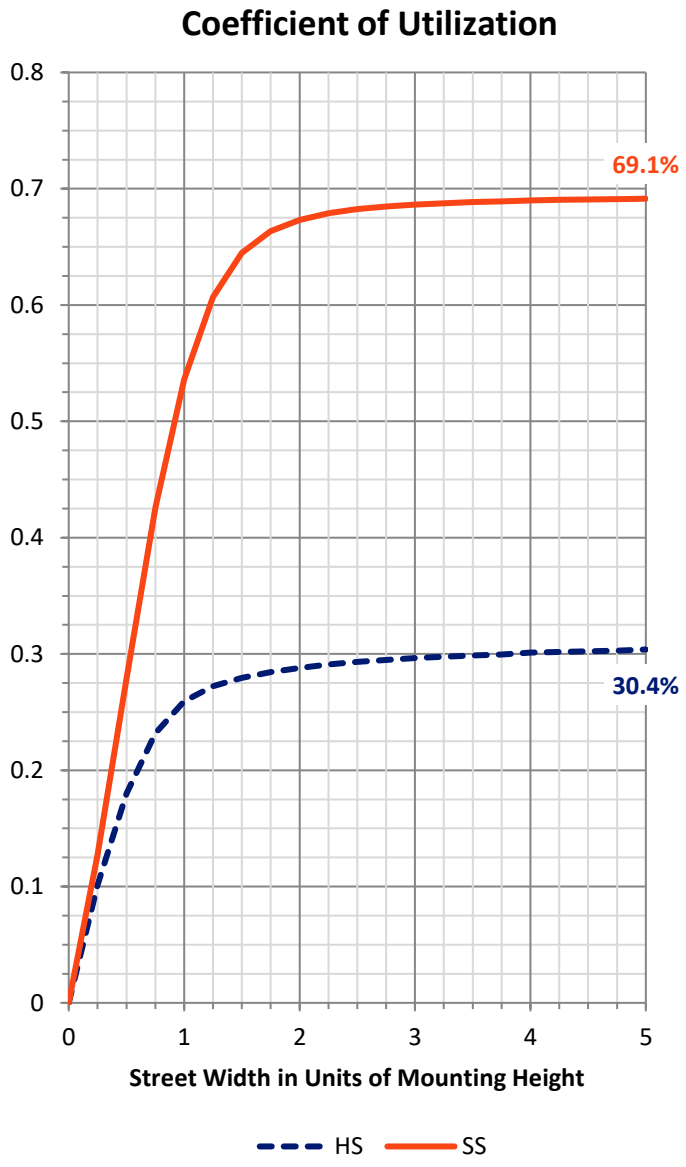
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3529.0	0.0	3529.0
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	7899.3	0.0	7899.3
	% Fixture	69.1	0.0	69.1
Total	Lumens	11428.3	0.0	11428.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.9	1.4
10°-20°	596.9	5.2
20°-30°	1209.2	10.6
30°-40°	1906.7	16.7
40°-50°	2341.5	20.5
50°-60°	2236.9	19.6
60°-70°	1875.9	16.4
70°-80°	993.7	8.7
80°-90°	102.7	0.9
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°	11428.3	100.0
0°-180°	11428.3	100.0



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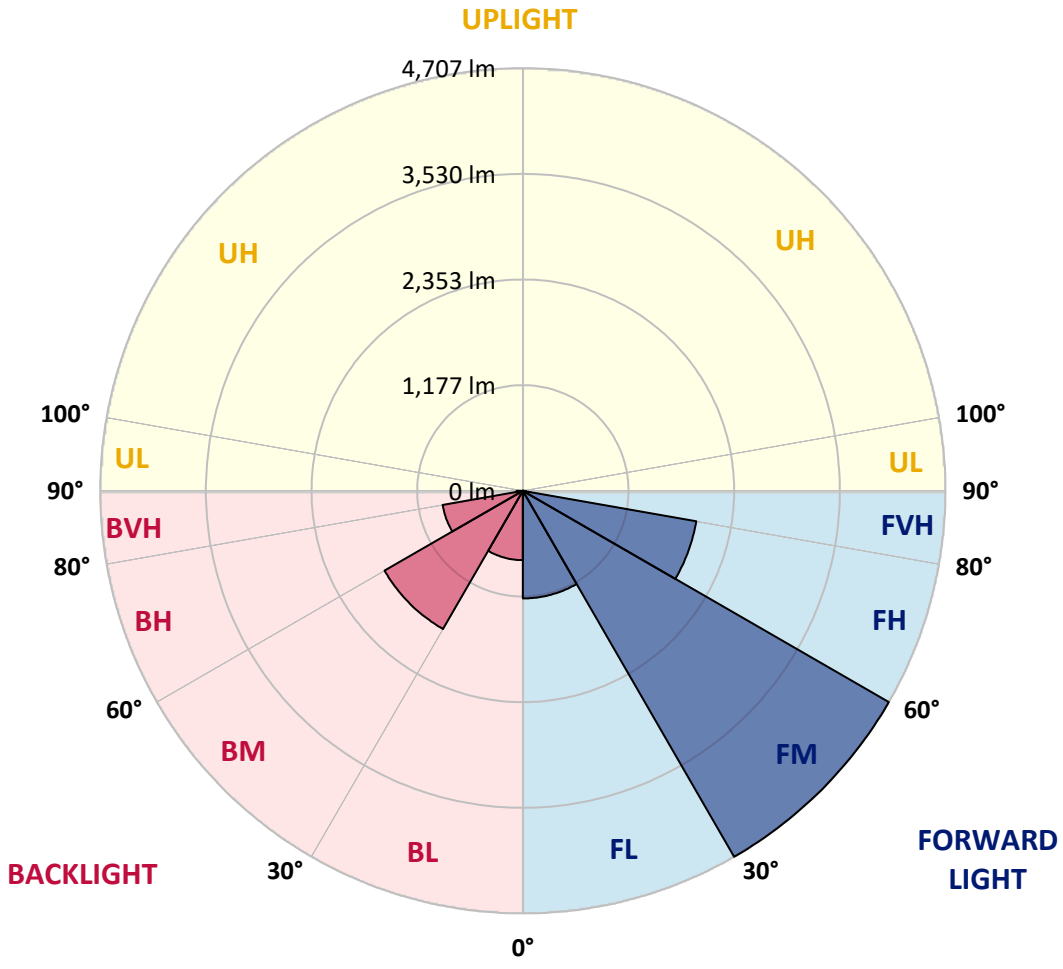
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1198.7	10.5			
FM	(30°-60°)	4706.9	41.2			
FH	(60°-80°)	1961.8	17.2			G2/5000
FVH	(80°-90°)	31.9	0.3			G1/100
BL	(0°-30°)	772.3	6.8	B2/1000		
BM	(30°-60°)	1778.2	15.6	B2/2500		
BH	(60°-80°)	907.8	7.9	B2/1000		G2/1000
BVH	(80°-90°)	70.8	0.6			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: P1211907
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	*1591.9*	1591.9
2.5°	1683.8	1688.2	1679.4	1677.2	1668.5	1655.4	1640.0	1629.1	1611.6	*1602.9*	1598.5
5°	1843.4	1834.7	1828.1	1817.2	1786.6	1760.3	1716.6	1686.0	1653.2	*1631.3*	1624.7
7.5°	2038.0	2042.4	2020.5	1992.1	1948.4	1895.9	1825.9	1769.1	1707.8	*1679.4*	1666.3
10°	2250.1	2267.6	2245.8	2210.8	2127.7	2049.0	1963.7	1865.3	1782.2	*1738.4*	1721.0
12.5°	2508.2	2519.1	2490.7	2444.8	2344.2	2226.1	2105.8	1983.4	1874.0	*1819.4*	1788.7
15°	2796.8	2788.1	2759.7	2691.9	2562.8	2431.6	2267.6	2108.0	1979.0	*1911.2*	1867.5
17.5°	3094.2	3083.3	3046.1	2958.6	2812.1	2648.1	2453.5	2252.3	2090.5	*2016.2*	1957.1
20°	3378.5	3367.6	3341.3	3242.9	3065.8	2864.6	2637.2	2418.5	2217.3	*2125.5*	2059.9
22.5°	3693.4	3684.6	3643.1	3522.8	3332.6	3111.7	2847.1	2586.9	2355.1	*2245.8*	2167.0
25°	4034.5	4036.7	3990.8	3822.4	3608.1	3350.1	3072.4	2777.1	2510.4	*2372.6*	2282.9
27.5°	4432.5	4430.3	4351.6	4170.1	3901.1	3603.7	3295.4	2976.1	2663.4	*2501.6*	2398.8
30°	4793.3	4784.6	4697.1	4515.6	4205.1	3870.5	3531.6	3168.6	2836.2	*2643.8*	2519.1
32.5°	5060.1	5062.3	4990.1	4791.1	4487.2	4130.7	3752.4	3385.1	3002.4	*2796.8*	2659.1
35°	5252.5	5254.7	5184.7	5014.2	4729.9	4373.5	3986.4	3588.4	3188.3	*2954.3*	2805.6
37.5°	5313.8	5313.8	5267.8	5134.4	4902.6	4592.1	4216.0	3820.2	3374.1	*3124.8*	2954.3
40°	5230.7	5237.2	5235.0	5147.6	4987.9	4743.0	4428.1	4043.3	3581.9	*3293.2*	3105.2
42.5°	5042.6	5047.0	5053.5	5020.7	4970.4	4823.9	4598.7	4270.7	3789.6	*3476.9*	3253.9
45°	4732.1	4749.6	4782.4	4795.5	4815.2	4804.2	4703.7	4482.8	4021.4	*3660.6*	3400.4
47.5°	4338.5	4366.9	4410.6	4489.4	4598.7	4686.2	4729.9	4646.8	4246.6	*3850.8*	3564.4
50°	3791.8	3822.4	3940.5	4104.5	4321.0	4491.5	4657.7	4769.3	4498.1	*4082.6*	3748.1
52.5°	3035.2	3100.8	3299.8	3614.7	3986.4	4240.1	4504.7	4828.3	4753.9	*4356.0*	3966.7
55°	2309.2	2333.2	2589.1	2967.4	3540.3	3968.9	4294.7	4797.7	4994.5	*4642.4*	4216.0
57.5°	1613.8	1640.0	1863.1	2276.4	2910.5	3614.7	4084.8	4694.9	5213.2	*4979.2*	4502.5
60°	1145.8	1174.3	1340.5	1646.6	2261.1	3098.6	3890.2	4563.7	5403.4	*5298.4*	4832.7
62.5°	833.1	848.5	935.9	1194.0	1633.5	2422.9	3612.5	4478.4	5536.8	*5630.8*	5171.6
65°	638.5	653.8	704.1	865.9	1207.1	1771.3	3113.9	4476.2	5571.8	*5875.7*	5464.6
67°	*531.4*	*529.2*	*572.9*	*695.4*	*942.5*	*1331.7*	*2600.0*	*4458.7*	*5532.4*	*5954.5*	*5613.3*
67.5°	502.9	511.7	546.7	649.5	890.0	1226.8	2488.5	4430.3	5519.3	*5952.3*	5624.3
70°	400.2	402.4	433.0	513.9	669.1	890.0	1790.9	4150.4	5320.3	*5738.0*	5501.8
72.5°	293.0	290.8	336.8	389.2	511.7	647.3	1200.5	3485.6	4889.5	*5084.1*	4891.7
75°	216.5	214.3	238.4	297.4	365.2	483.3	778.5	2274.2	3310.7	*3234.2*	2987.1
77.5°	144.3	148.7	170.6	218.7	260.2	299.6	389.2	1047.4	1823.7	*1648.8*	1587.6
80°	87.5	80.9	96.2	124.6	150.9	153.1	166.2	452.7	782.8	*745.7*	699.8
82.5°	30.6	30.6	37.2	50.3	50.3	50.3	61.2	109.3	155.3	*142.1*	135.6
85°	0.0	0.0	0.0	0.0	4.4	6.6	4.4	8.7	15.3	*17.5*	17.5
87.5°	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.4	6.6	*8.7*	8.7
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-830-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9	1591.9
2.5°	1598.5	1598.5	1591.9	1583.2	1578.8	1576.6	1570.1	1561.3	1567.9	1574.4	1574.4
5°	1620.4	1616.0	1602.9	1594.1	1587.6	1587.6	1578.8	1576.6	1583.2	1589.8	1587.6
7.5°	1655.4	1646.6	1631.3	1618.2	1620.4	1622.6	1609.4	1609.4	1616.0	1622.6	1622.6
10°	1703.5	1688.2	1672.8	1661.9	1664.1	1666.3	1653.2	1648.8	1655.4	1661.9	1666.3
12.5°	1764.7	1745.0	1727.5	1716.6	1714.4	1716.6	1703.5	1699.1	1699.1	1703.5	1703.5
15°	1836.9	1815.0	1793.1	1777.8	1773.4	1771.3	1753.8	1738.4	1738.4	1740.6	1740.6
17.5°	1919.9	1889.3	1860.9	1843.4	1832.5	1817.2	1797.5	1775.6	1769.1	1771.3	1771.3
20°	2003.0	1970.2	1933.1	1909.0	1887.1	1860.9	1830.3	1801.9	1788.7	1788.7	1786.6
22.5°	2099.3	2055.5	2005.2	1972.4	1933.1	1889.3	1845.6	1808.4	1795.3	1790.9	1790.9
25°	2197.7	2147.4	2075.2	2024.9	1968.1	1904.6	1847.8	1797.5	1775.6	1766.9	1766.9
27.5°	2298.3	2239.2	2145.2	2073.0	1989.9	1902.5	1825.9	1762.5	1731.9	1721.0	1716.6
30°	2412.0	2326.7	2206.4	2108.0	1994.3	1882.8	1784.4	1710.0	1664.1	1637.9	1640.0
32.5°	2530.0	2422.9	2263.3	2129.9	1987.7	1845.6	1721.0	1626.9	1567.9	1543.8	1535.1
35°	2650.3	2514.7	2313.6	2140.8	1965.9	1788.7	1640.0	1535.1	1469.5	1434.5	1434.5
37.5°	2772.8	2611.0	2348.5	2138.6	1926.5	1714.4	1546.0	1434.5	1358.0	1314.2	1303.3
40°	2893.0	2700.6	2374.8	2121.1	1867.5	1624.7	1445.4	1325.2	1222.4	1165.5	1156.8
42.5°	3011.1	2775.0	2387.9	2092.7	1797.5	1526.3	1331.7	1169.9	1071.5	1019.0	1016.8
45°	3118.3	2834.0	2390.1	2055.5	1705.6	1414.8	1178.6	1023.4	925.0	870.3	870.3
47.5°	3223.2	2899.6	2387.9	2007.4	1605.1	1270.5	1016.8	865.9	776.3	741.3	730.4
50°	3350.1	2965.2	2385.7	1948.4	1476.0	1097.7	859.4	730.4	653.8	618.8	618.8
52.5°	3479.1	3041.7	2390.1	1865.3	1323.0	929.4	719.4	605.7	555.4	533.6	531.4
55°	3645.3	3122.6	2401.0	1766.9	1163.3	765.4	599.2	522.6	487.6	476.7	478.9
57.5°	3846.5	3234.2	2422.9	1651.0	977.5	627.6	513.9	472.3	463.6	468.0	470.1
60°	4076.1	3371.9	2453.5	1519.8	813.5	522.6	463.6	454.8	463.6	481.1	483.3
62.5°	4342.8	3538.1	2492.9	1373.3	651.6	459.2	441.7	448.3	454.8	483.3	485.5
65°	4579.0	3717.4	2501.6	1200.5	529.2	417.7	428.6	433.0	450.5	483.3	485.5
67°	*4712.4*	*3839.9*	*2442.6*	*1036.5*	*452.7*	*395.8*	*411.1*	*415.5*	*446.1*	*478.9*	*483.3*
67.5°	4727.7	3866.1	2403.2	995.0	437.3	391.4	406.7	415.5	446.1	478.9	481.1
70°	4681.8	3848.6	2140.8	750.0	360.8	360.8	378.3	398.0	428.6	463.6	478.9
72.5°	4272.9	3509.7	1657.5	509.5	306.1	325.8	352.1	380.5	408.9	450.5	476.7
75°	2700.6	2258.9	1014.6	341.1	255.8	290.8	332.4	365.2	389.2	419.9	437.3
77.5°	1443.2	1117.4	437.3	201.2	201.2	258.0	308.3	338.9	352.1	363.0	373.9
80°	682.3	520.4	212.1	120.3	140.0	201.2	273.3	306.1	310.5	323.6	328.0
82.5°	135.6	118.1	70.0	63.4	91.8	144.3	227.4	264.6	266.8	288.6	293.0
85°	17.5	15.3	10.9	24.1	59.0	107.1	174.9	227.4	231.8	231.8	227.4
87.5°	8.7	6.6	6.6	17.5	43.7	80.9	144.3	190.2	192.4	150.9	146.5
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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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

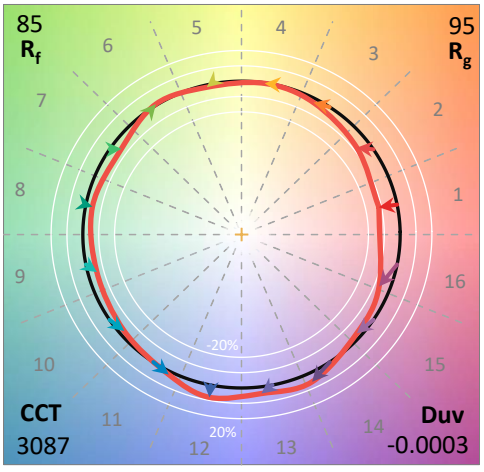
Test Information

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

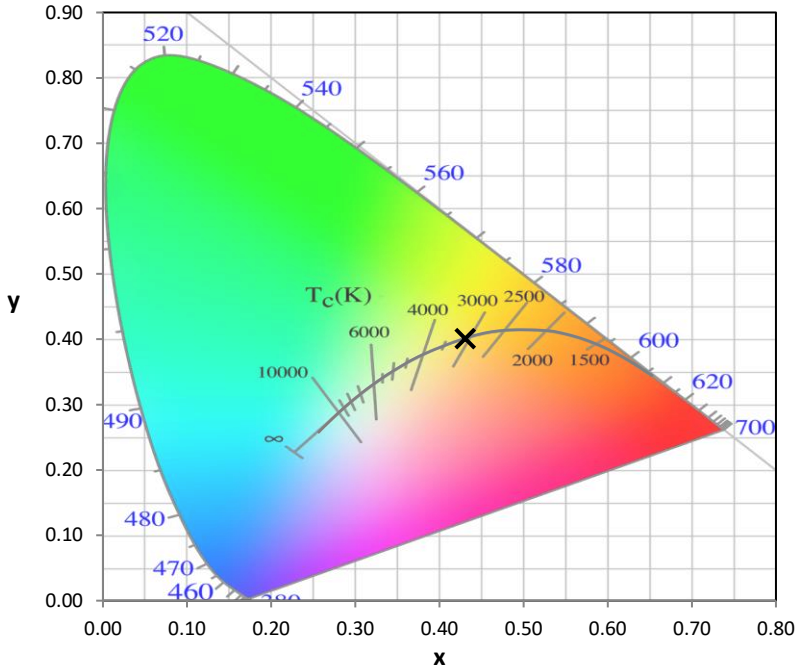
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-4

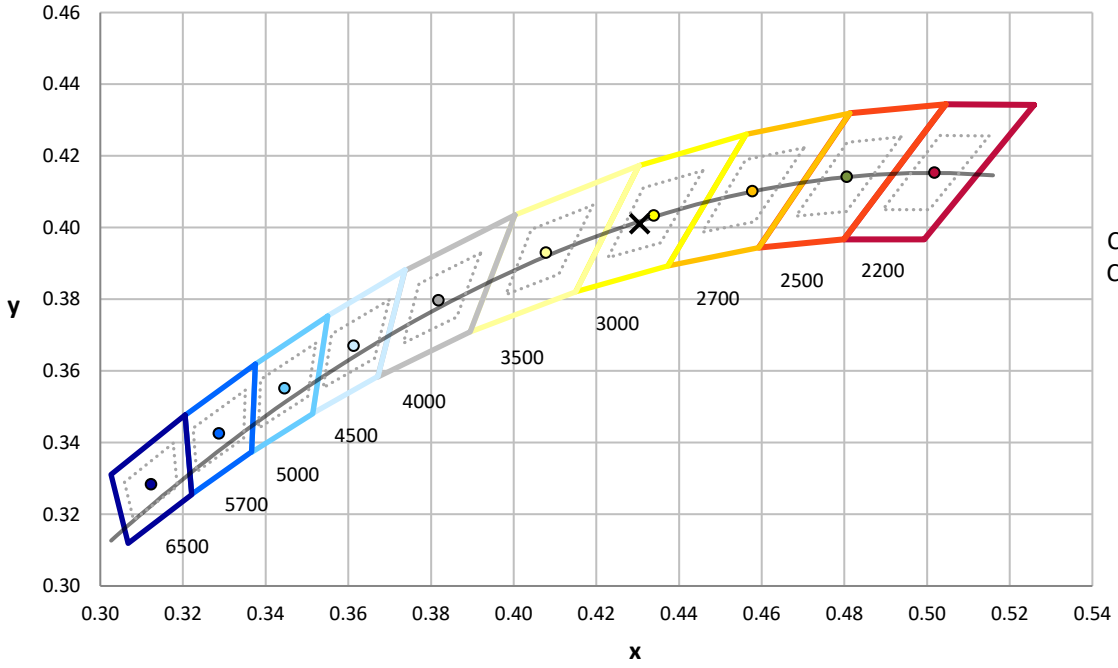
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

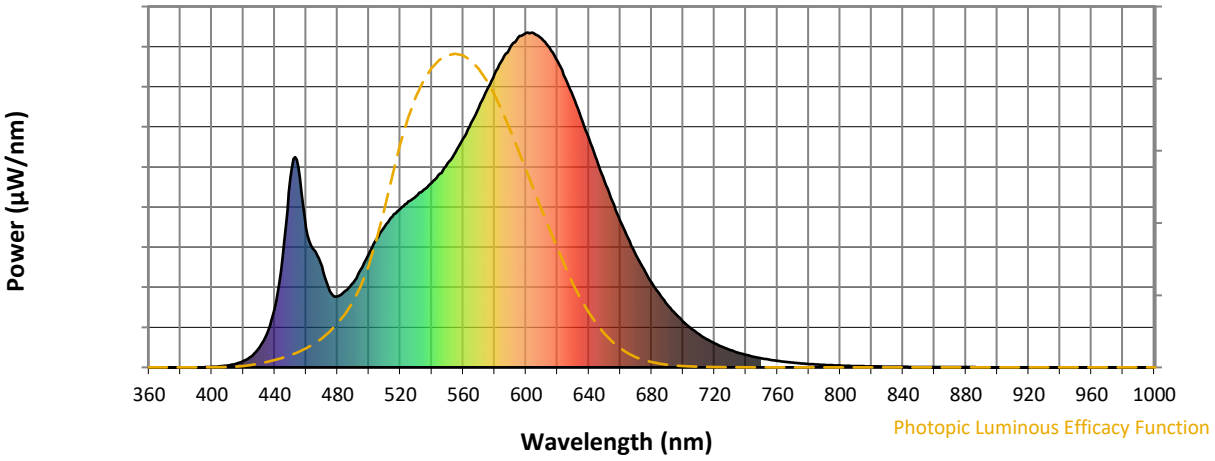


CCT = 3087K
CIE x = 0.4305
CIE y = 0.4010
Duv = -0.0003

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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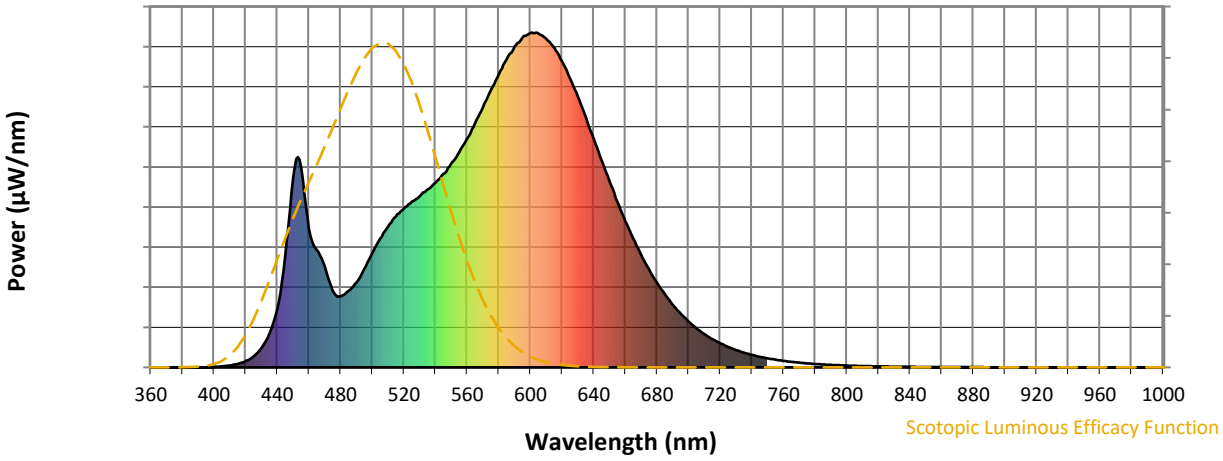
Scotopic Flux vs. Wavelength



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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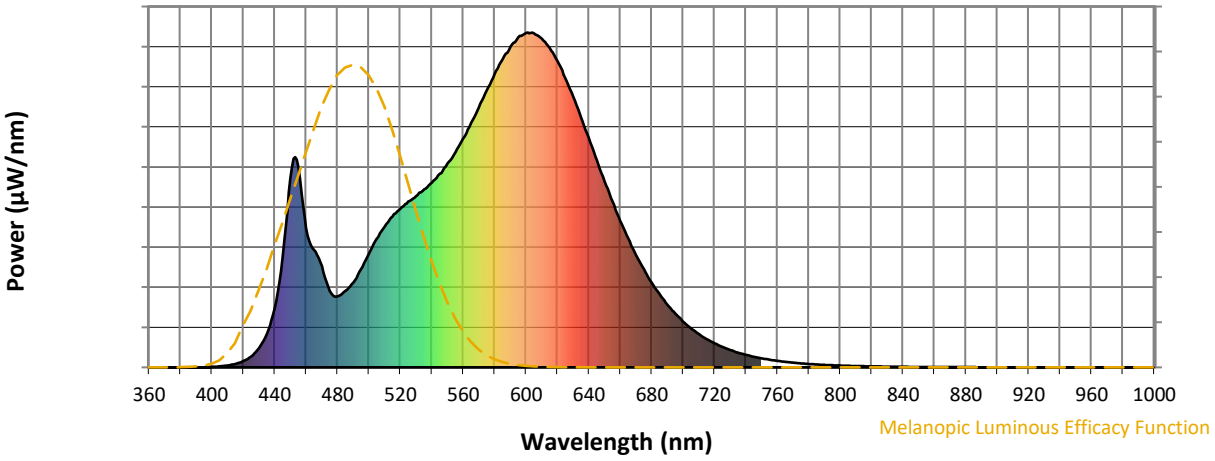
Melanopic Flux vs. Wavelength



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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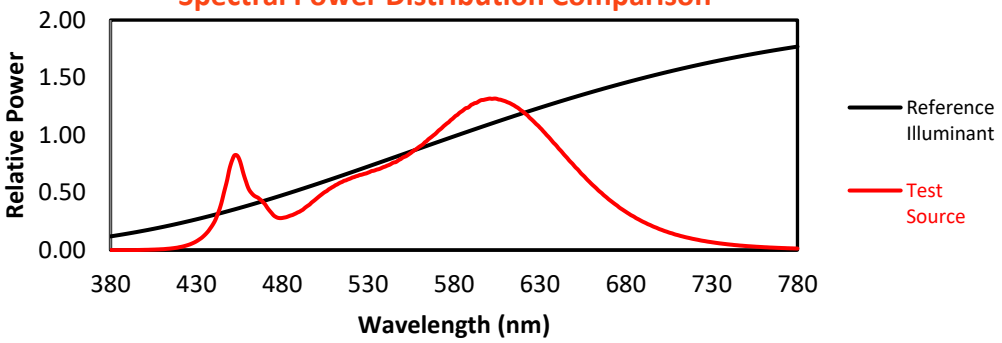
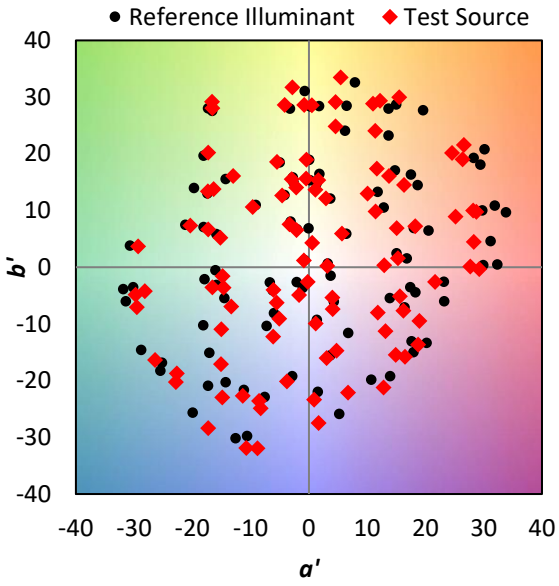
Summary

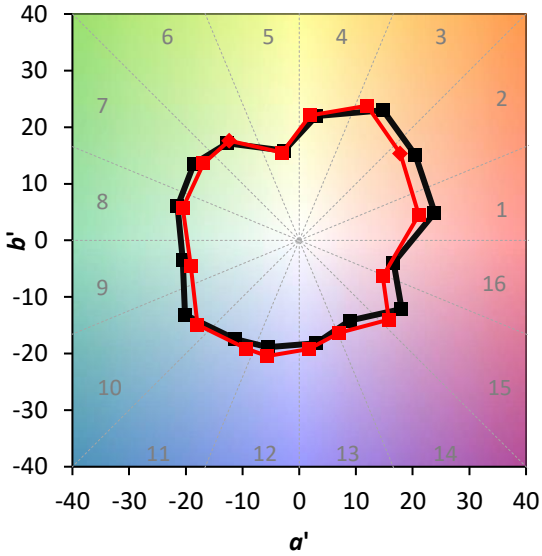
R_f = 84.7
R_g = 94.9
CIE R_a = 82.7
R_9 = 5.8

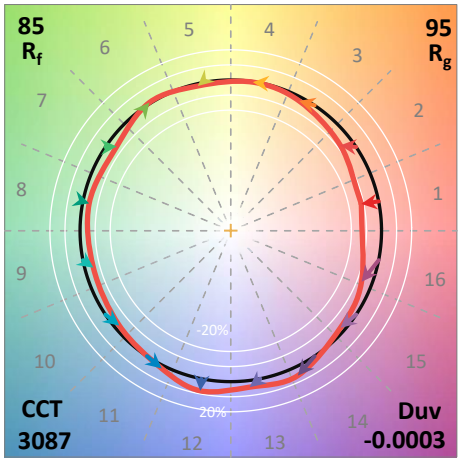
Spectral Power Distribution Comparison

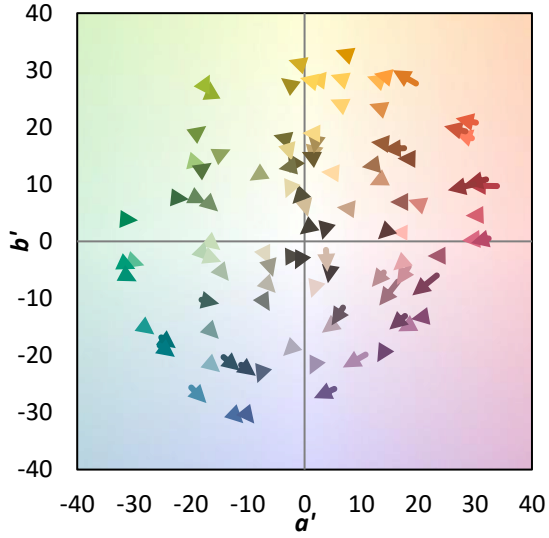


Color Vector Graphics









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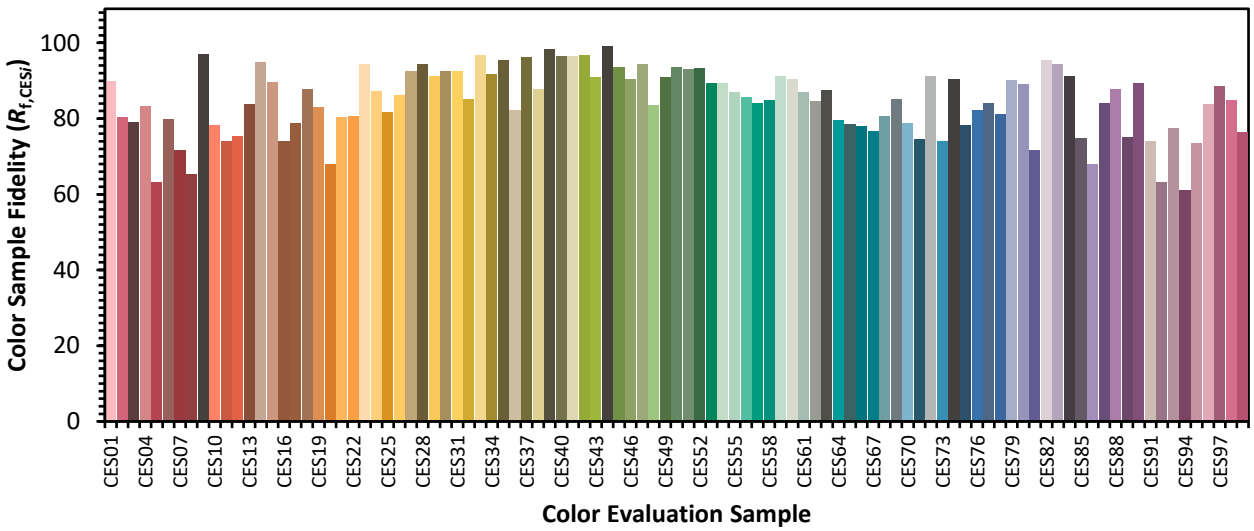
Individual Sample Fidelity Index ($R_{f,i}$)

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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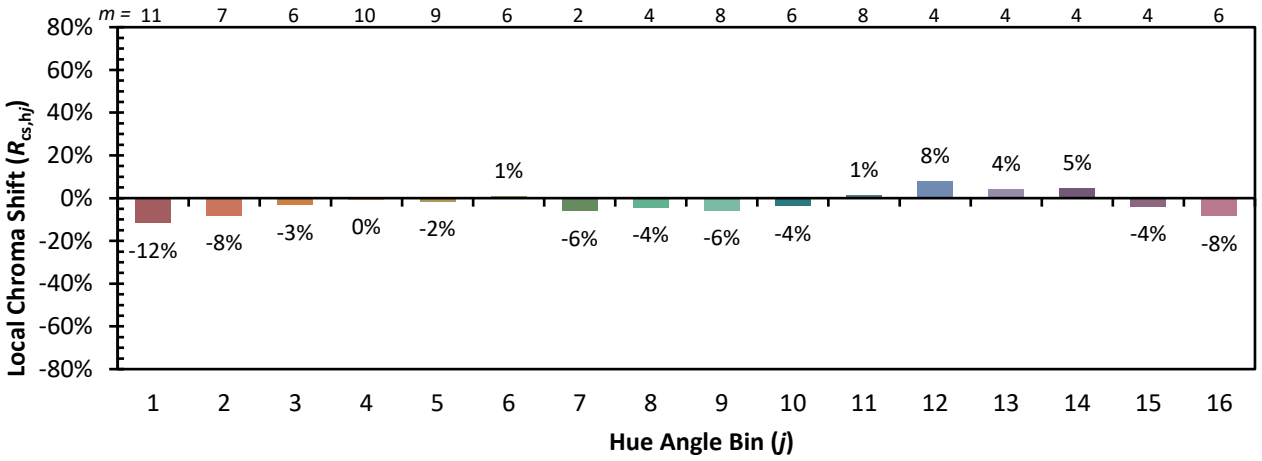
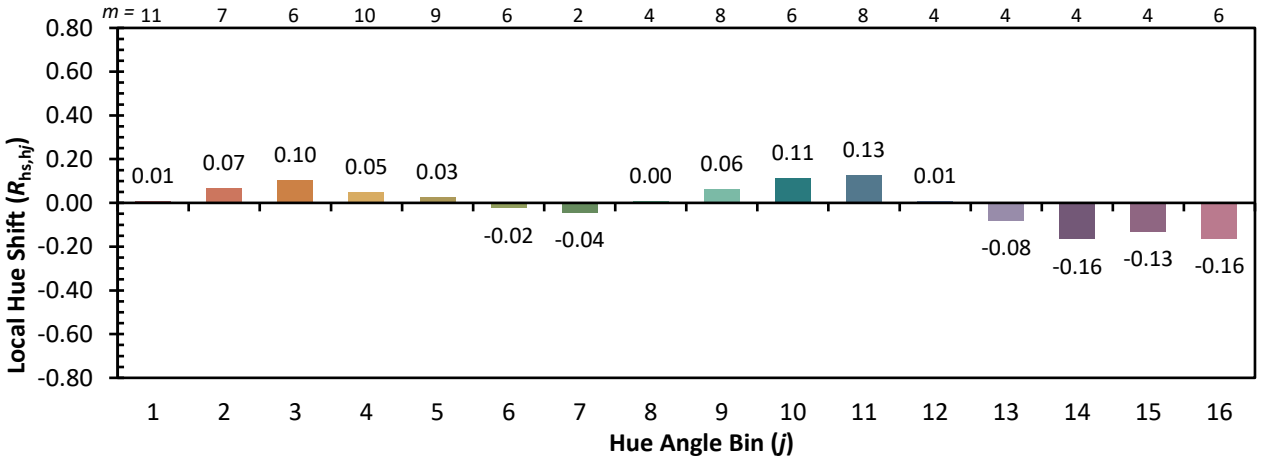
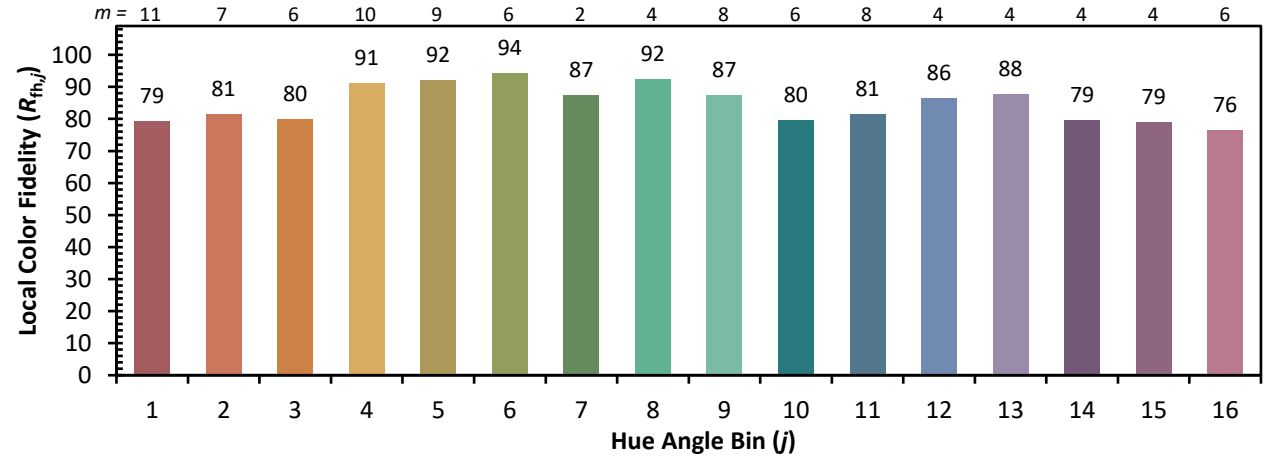
Color Rendition by Hue-Angle Bin







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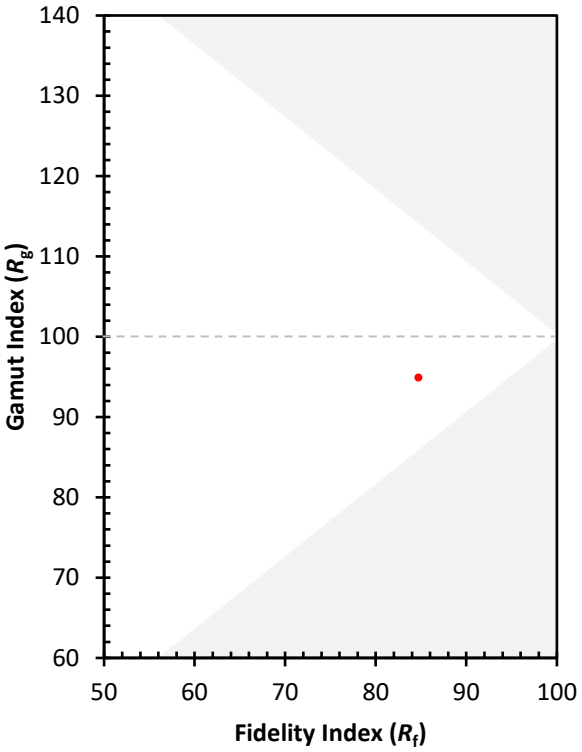
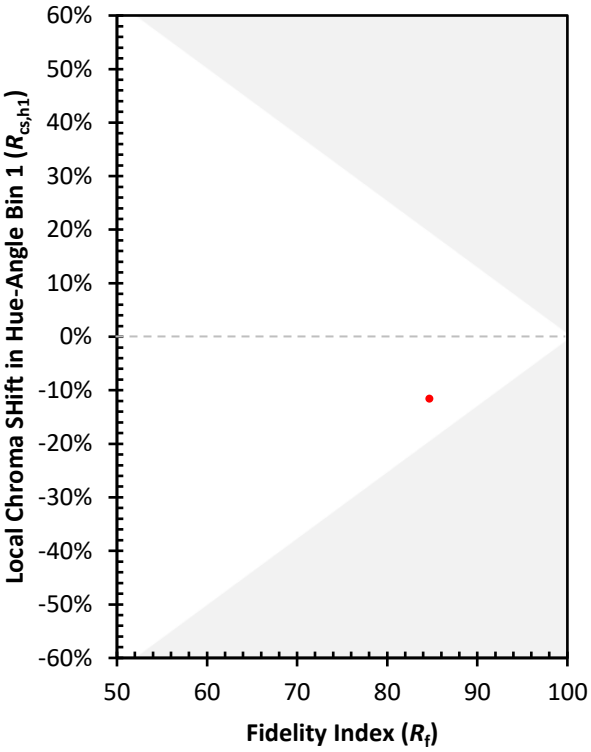
Measure Comparisons





(END OF REPORT)