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: P1212027

Luminaire Tested: **GKO-PB2E-830-U-T1**

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:	P1212027
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-T1
Description:	GEKKO WALL PACK 12000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11865.6 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 I - Short
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: P1212027
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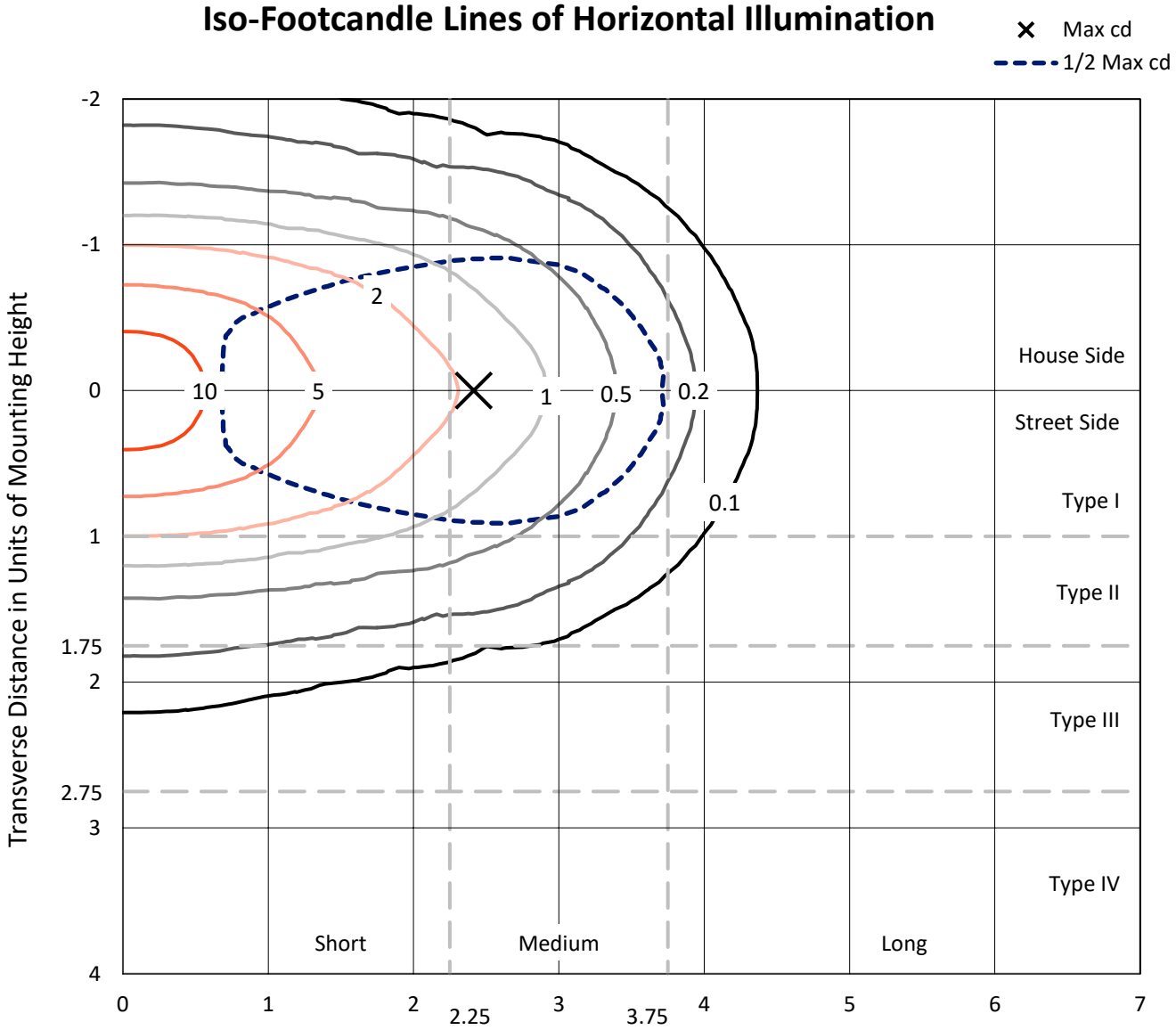
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 13.1 fc
Type I - Short - N/A

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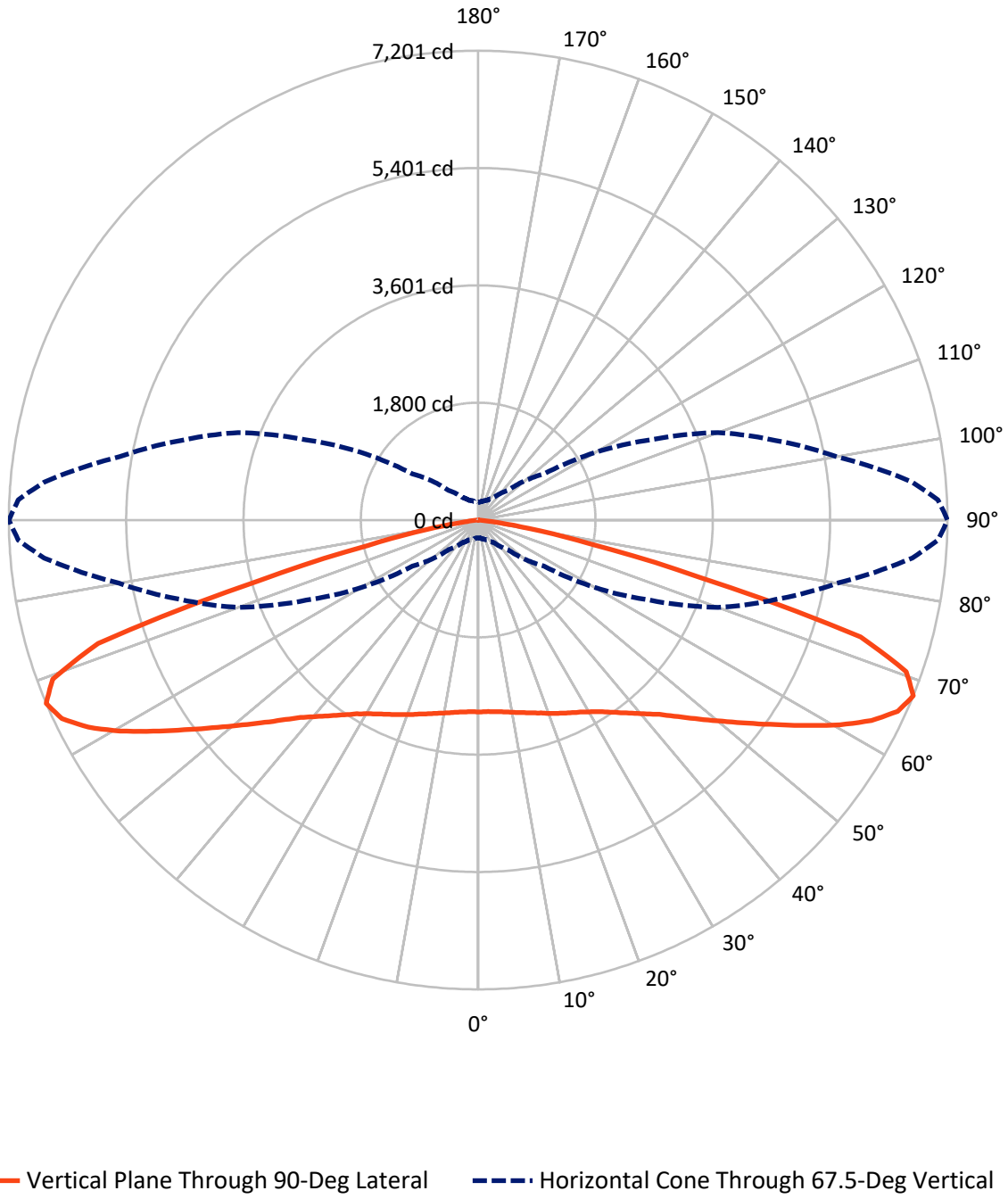
Luminous Intensity Polar Plot



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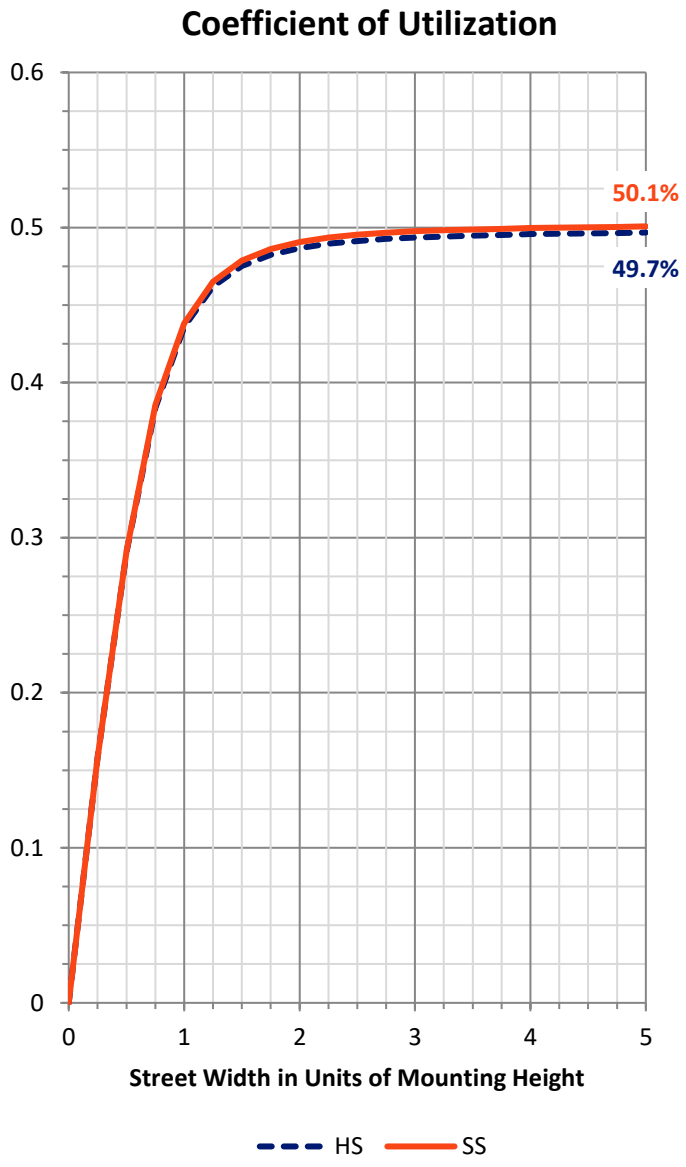
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5932.8	0.0	5932.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5932.8	0.0	5932.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	11865.6	0.0	11865.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.4	2.4
10°-20°	850.9	7.2
20°-30°	1414.9	11.9
30°-40°	1879.7	15.8
40°-50°	2119.1	17.9
50°-60°	2179.1	18.4
60°-70°	2059.3	17.4
70°-80°	1008.1	8.5
80°-90°	72.1	0.6
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°	11865.6	100.0
0°-180°	11865.6	100.0



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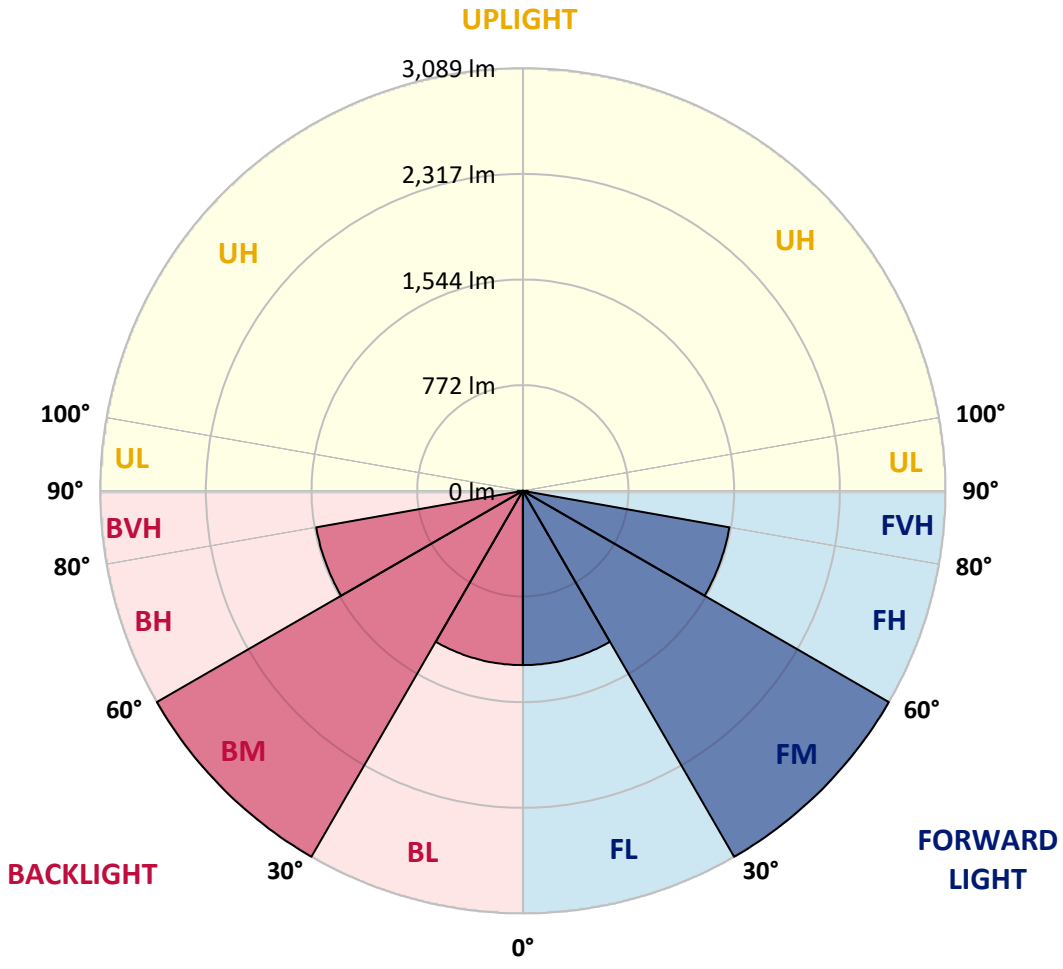
REPORT NUMBER: P1212027
CATALOG NUMBER: GKO-PB2E-830-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1274.1	10.7			
FM	(30°-60°)	3089.0	26.0			
FH	(60°-80°)	1533.7	12.9			G1/1800
FVH	(80°-90°)	36.0	0.3			G1/100
BL	(0°-30°)	1274.1	10.7	B3/2500		
BM	(30°-60°)	3089.0	26.0	B3/5000		
BH	(60°-80°)	1533.7	12.9	B3/2500		G3/2500
BVH	(80°-90°)	36.0	0.3			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 I Short



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REPORT NUMBER: P1212027
CATALOG NUMBER: GKO-PB2E-830-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	2944.3	2944.3	2944.3	2944.3	2944.3	2944.3	2944.3	2944.3	2944.3	2944.3	2944.3
2.5°	2946.5	2950.9	2942.2	2942.2	2946.5	2948.7	2948.7	2950.9	2946.5	2946.5	2944.3
5°	2946.5	2948.7	2944.3	2944.3	2948.7	2955.3	2953.1	2957.5	2957.5	2955.3	2955.3
7.5°	2944.3	2948.7	2944.3	2946.5	2953.1	2966.2	2966.2	2966.2	2970.6	2975.0	2975.0
10°	2942.2	2946.5	2948.7	2950.9	2959.7	2979.3	2983.7	2985.9	2992.5	2999.0	2999.0
12.5°	2931.2	2935.6	2942.2	2950.9	2966.2	2992.5	3001.2	3007.8	3018.7	3025.3	3029.7
15°	2915.9	2918.1	2933.4	2950.9	2975.0	3007.8	3025.3	3036.2	3051.5	3060.3	3066.8
17.5°	2894.0	2896.2	2920.3	2946.5	2981.5	3027.5	3055.9	3073.4	3088.7	3101.8	3110.6
20°	2865.6	2872.2	2900.6	2942.2	2992.5	3047.2	3088.7	3119.3	3134.6	3147.8	3160.9
22.5°	2830.6	2837.2	2872.2	2931.2	3003.4	3073.4	3128.1	3167.5	3187.1	3204.6	3220.0
25°	2778.1	2786.8	2828.4	2905.0	3007.8	3101.8	3171.8	3222.1	3239.6	3261.5	3274.6
27.5°	2697.2	2703.7	2754.0	2852.5	2994.7	3132.5	3222.1	3281.2	3300.9	3325.0	3338.1
30°	2570.3	2583.4	2644.7	2767.2	2961.8	3156.5	3281.2	3340.3	3364.3	3388.4	3405.9
32.5°	2406.2	2425.9	2493.7	2651.2	2898.4	3165.3	3344.6	3412.5	3443.1	3469.3	3491.2
35°	2202.8	2222.5	2303.4	2502.5	2797.8	3147.8	3408.1	3495.6	3532.8	3567.8	3594.0
37.5°	1970.9	1988.4	2086.8	2314.3	2653.4	3093.1	3458.4	3587.5	3637.8	3683.7	3718.7
40°	1736.9	1756.5	1863.7	2106.5	2478.4	2988.1	3480.3	3688.1	3751.5	3810.6	3854.3
42.5°	1483.1	1507.2	1627.5	1885.6	2275.0	2843.7	3462.8	3786.5	3865.3	3946.2	4011.8
45°	1257.8	1262.2	1393.4	1642.8	2051.8	2657.8	3401.5	3880.6	3987.8	4101.5	4195.6
47.5°	1041.2	1050.0	1163.7	1410.9	1820.0	2447.8	3290.0	3955.0	4125.6	4272.1	4409.9
50°	848.7	859.7	962.5	1183.4	1588.1	2218.1	3139.0	3998.7	4243.7	4442.8	4635.3
52.5°	691.2	704.4	789.7	984.4	1354.0	1977.5	2953.1	4005.3	4350.9	4613.4	4869.3
55°	575.3	584.1	649.7	805.0	1128.7	1728.1	2740.9	3972.5	4420.9	4766.5	5107.8
57.5°	485.6	494.4	540.3	662.8	925.3	1472.2	2482.8	3895.9	4458.1	4899.9	5348.4
60°	422.2	428.7	461.6	549.1	761.2	1231.5	2205.0	3760.3	4447.1	4983.1	5547.4
62.5°	376.2	378.4	406.9	468.1	627.8	1004.1	1892.2	3556.8	4357.4	4994.0	5683.1
65°	334.7	336.9	354.4	398.1	516.2	807.2	1566.2	3276.8	4186.8	4917.4	5702.7
67.5°	*271.2*	*275.6*	*301.9*	*334.7*	*424.4*	*638.7*	*1233.7*	*2909.3*	*3920.0*	*4718.4*	*5591.2*
70°	216.6	218.7	245.0	282.2	345.6	503.1	947.2	2415.0	3502.1	4394.6	5302.4
72.5°	161.9	166.2	190.3	227.5	282.2	389.4	684.7	1826.5	2800.0	3705.6	4617.8
75°	129.1	131.2	140.0	175.0	218.7	295.3	461.6	1106.9	1686.5	2292.5	2830.6
77.5°	109.4	111.6	111.6	135.6	161.9	199.1	245.0	439.7	713.1	1015.0	1345.3
80°	89.7	94.1	85.3	100.6	115.9	115.9	113.7	210.0	336.9	476.9	625.6
82.5°	65.6	70.0	65.6	70.0	70.0	63.4	59.1	78.7	107.2	146.6	159.7
85°	45.9	48.1	52.5	48.1	45.9	37.2	28.4	21.9	13.1	15.3	21.9
87.5°	30.6	37.2	43.7	41.6	35.0	28.4	19.7	13.1	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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REPORT NUMBER: P1212027
CATALOG NUMBER: GKO-PB2E-830-U-T1

CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	2944.3	2944.3	*2944.3*
2.5°	2946.5	2944.3	*2942.2*
5°	2957.5	2955.3	*2953.1*
7.5°	2972.8	2972.8	*2972.8*
10°	2996.8	3001.2	*3001.2*
12.5°	3027.5	3031.8	*3031.8*
15°	3064.7	3066.8	*3071.2*
17.5°	3110.6	3112.8	*3112.8*
20°	3165.3	3163.1	*3167.5*
22.5°	3220.0	3220.0	*3220.0*
25°	3276.8	3276.8	*3276.8*
27.5°	3342.5	3342.5	*3338.1*
30°	3414.6	3414.6	*3414.6*
32.5°	3502.1	3504.3	*3506.5*
35°	3613.7	3618.1	*3624.6*
37.5°	3740.6	3751.5	*3758.1*
40°	3891.5	3895.9	*3906.8*
42.5°	4060.0	4073.1	*4075.3*
45°	4269.9	4291.8	*4300.6*
47.5°	4517.1	4547.8	*4563.1*
50°	4792.8	4827.8	*4849.6*
52.5°	5092.4	5149.3	*5175.6*
55°	5411.8	5510.2	*5538.7*
57.5°	5772.7	5906.2	*5945.6*
60°	6127.1	6315.2	*6378.7*
62.5°	6429.0	6693.7	*6772.4*
65°	6641.2	6960.5	*7076.5*
67.5°	*6684.9*	*7063.4*	*7201.2*
70°	6422.4	6809.6	*6969.3*
72.5°	5584.6	5934.6	*6133.7*
75°	3298.7	3550.3	*3489.0*
77.5°	1655.9	1728.1	*1739.0*
80°	726.2	770.0	*787.5*
82.5°	179.4	183.7	*207.8*
85°	24.1	28.4	*26.2*
87.5°	8.7	8.7	*10.9*
90°	0.0	0.0	*0.0*

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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

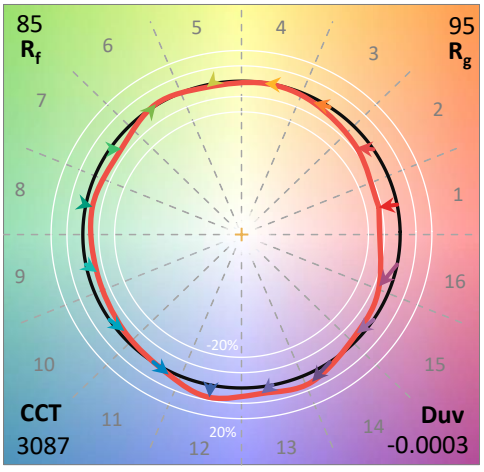
Test Information

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

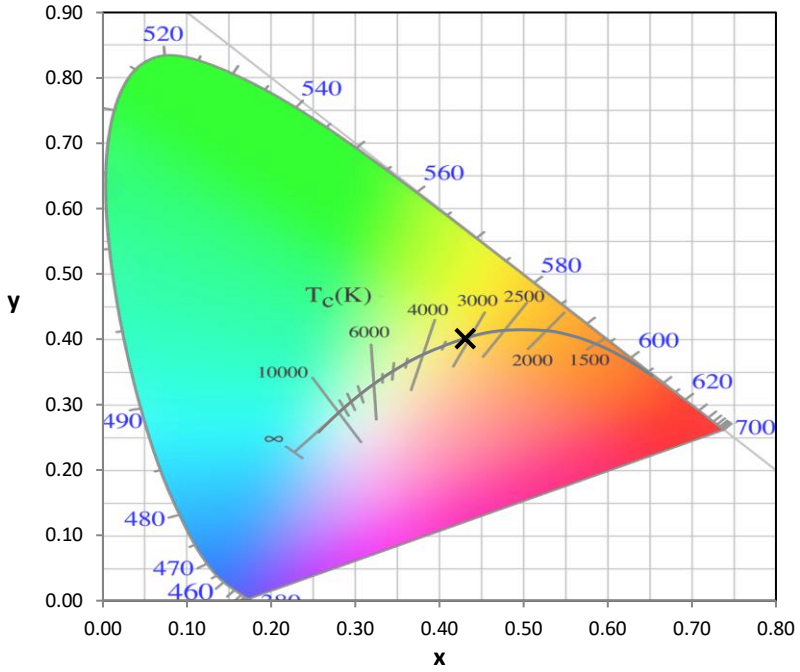
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-4

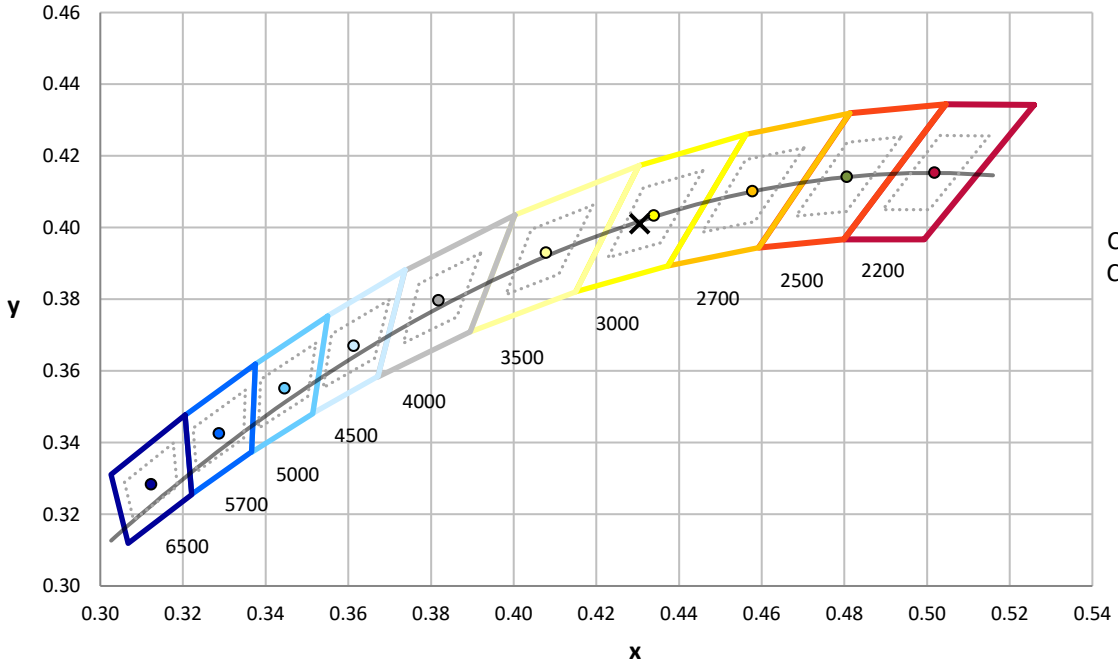
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

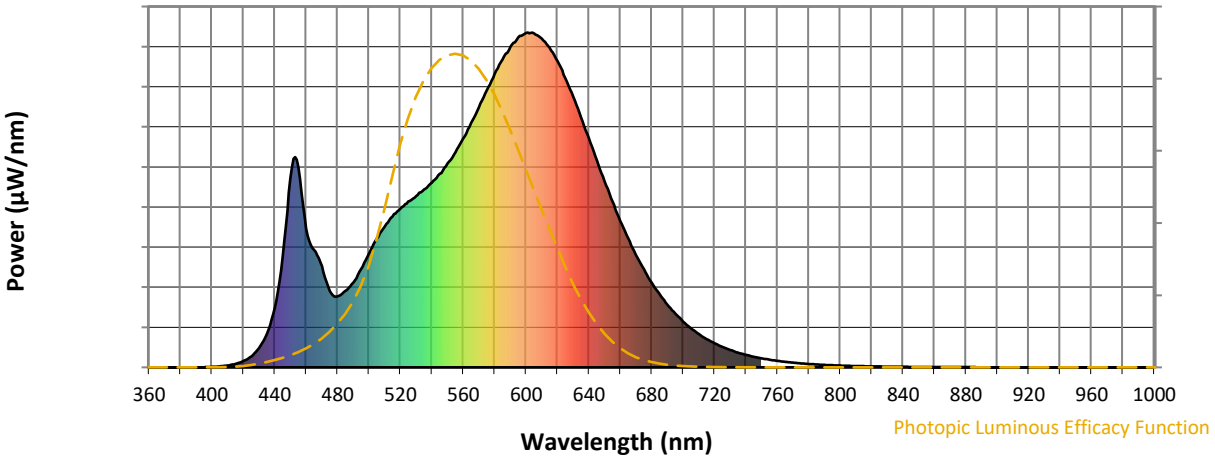


CCT = 3087K
CIE x = 0.4305
CIE y = 0.4010
Duv = -0.0003

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-4

Photopic Flux vs. Wavelength

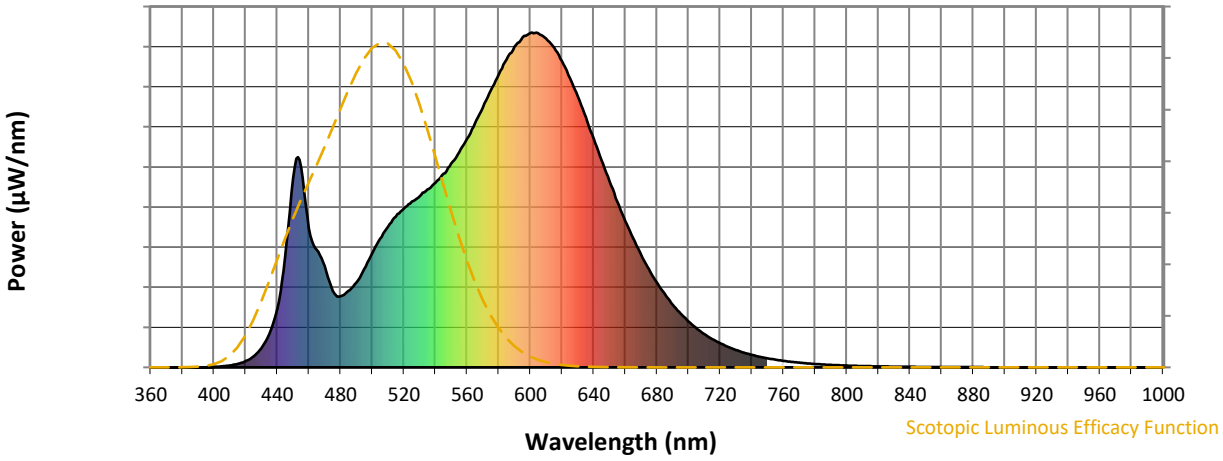


Photopic Lumens: NR

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			

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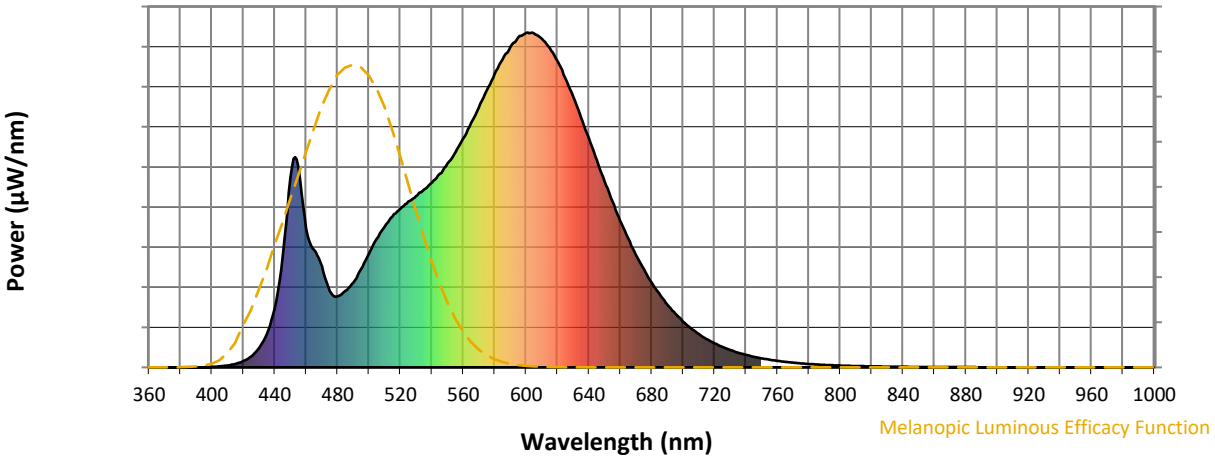
Melanopic Flux vs. Wavelength



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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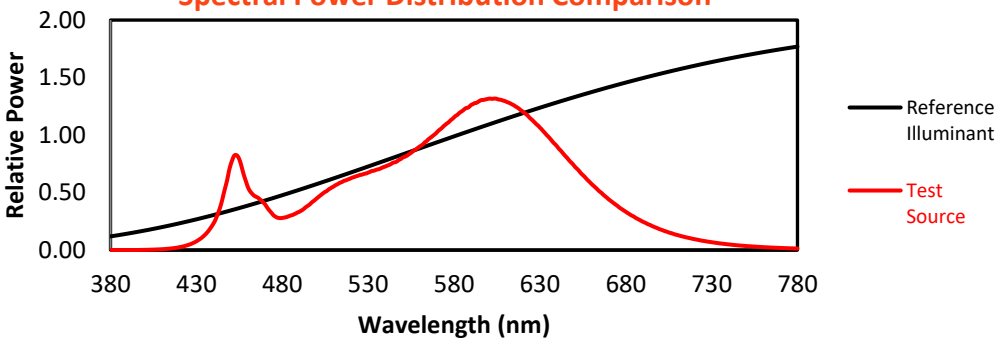
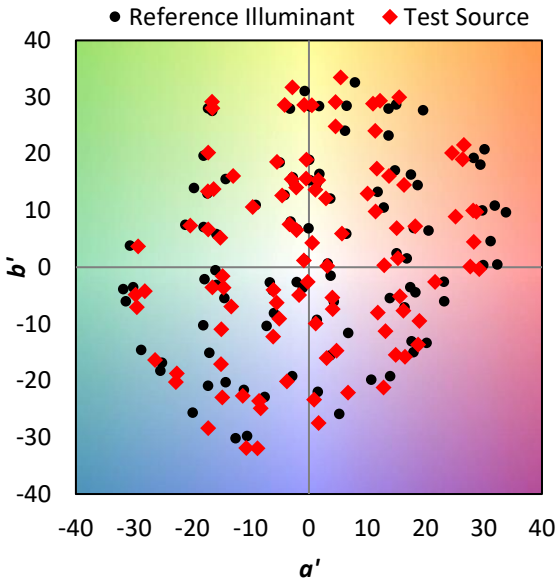
Summary

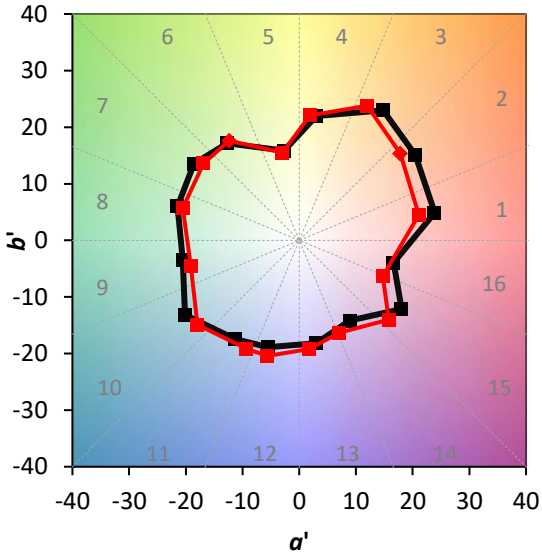
R_f = 84.7
R_g = 94.9
CIE R_a = 82.7
R_9 = 5.8

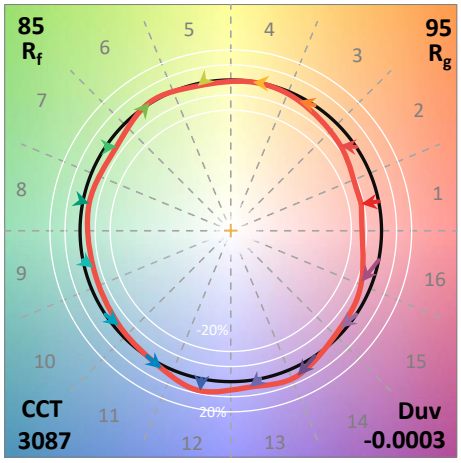
Spectral Power Distribution Comparison

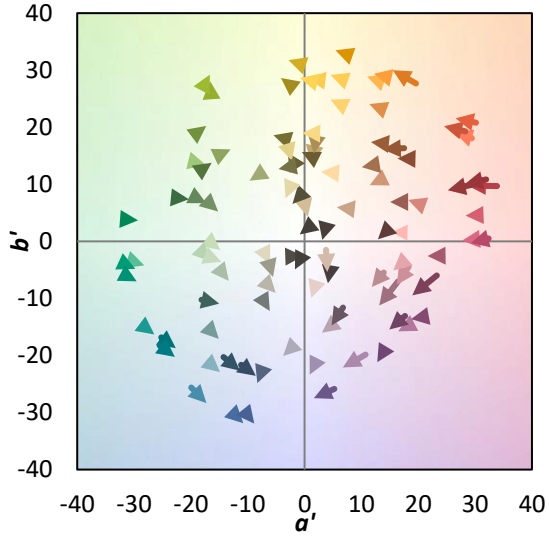


Color Vector Graphics









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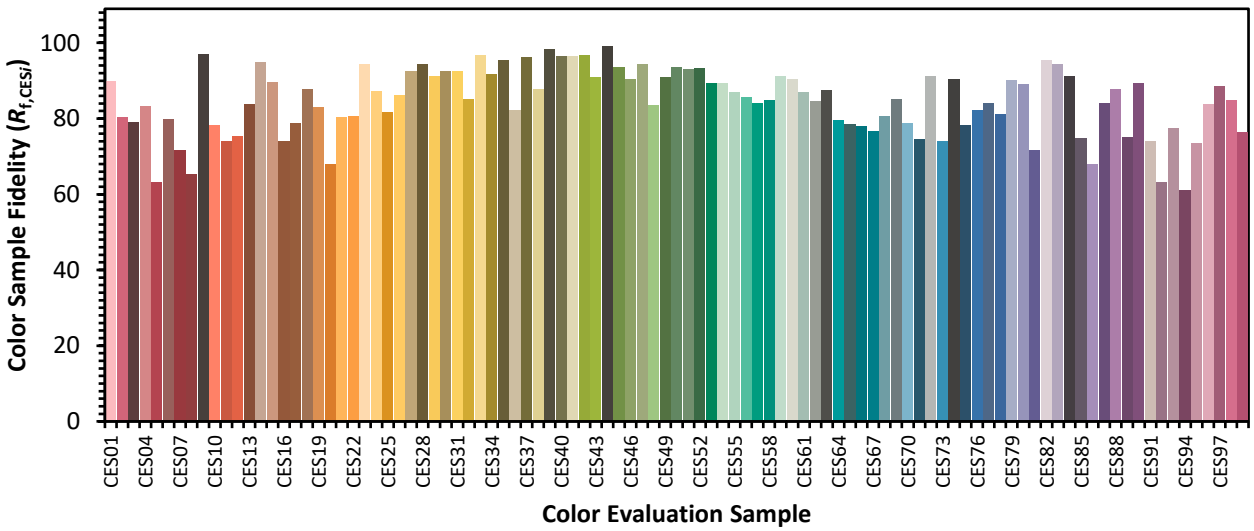
Individual Sample Fidelity Index ($R_{f,i}$)

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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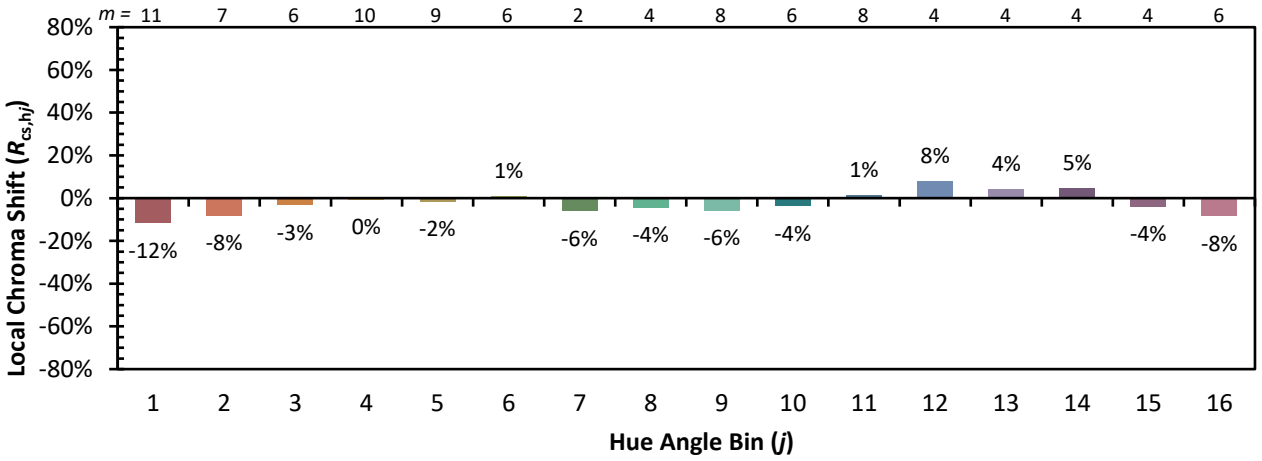
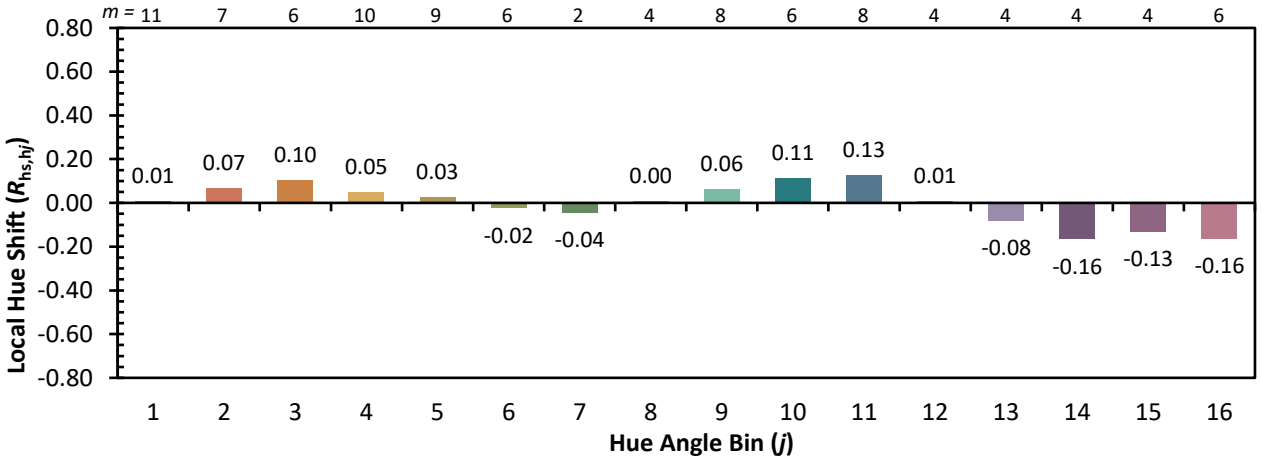
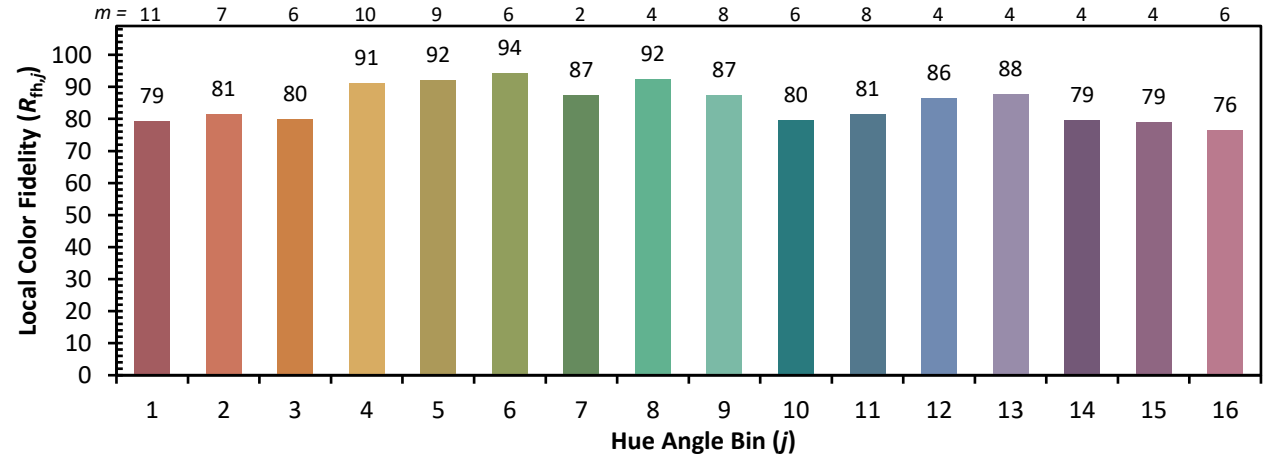
Color Rendition by Hue-Angle Bin







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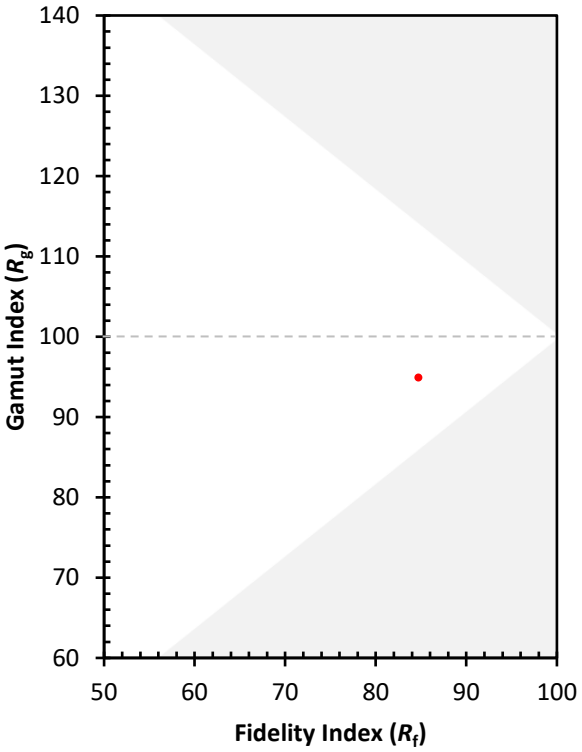
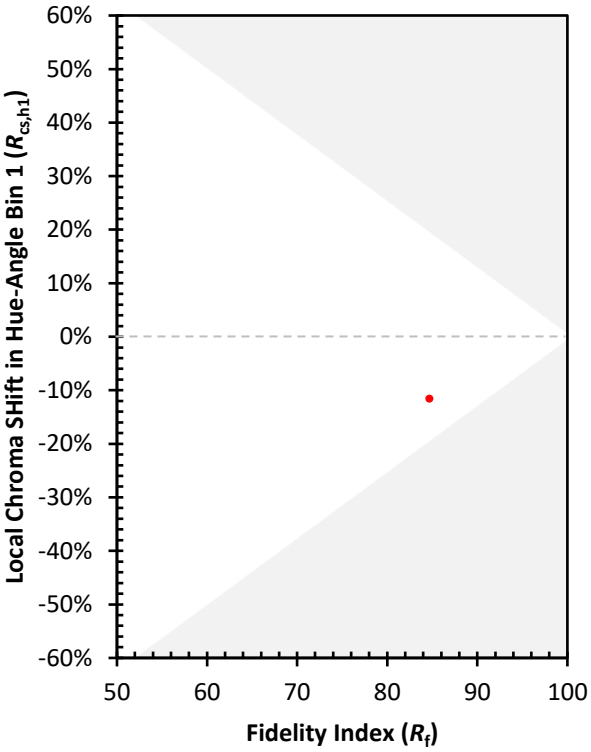
Measure Comparisons





(END OF REPORT)