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: P1212018

Luminaire Tested: **GKO-PB2D-827-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:	P1212018
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2D-827-U-T1
Description:	GEKKO WALL PACK 10000LM PACKAGE 80CRI 2700K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9255.9 lumens
Efficiency:	N/A
Efficacy:	121.5 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):	76.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1212018
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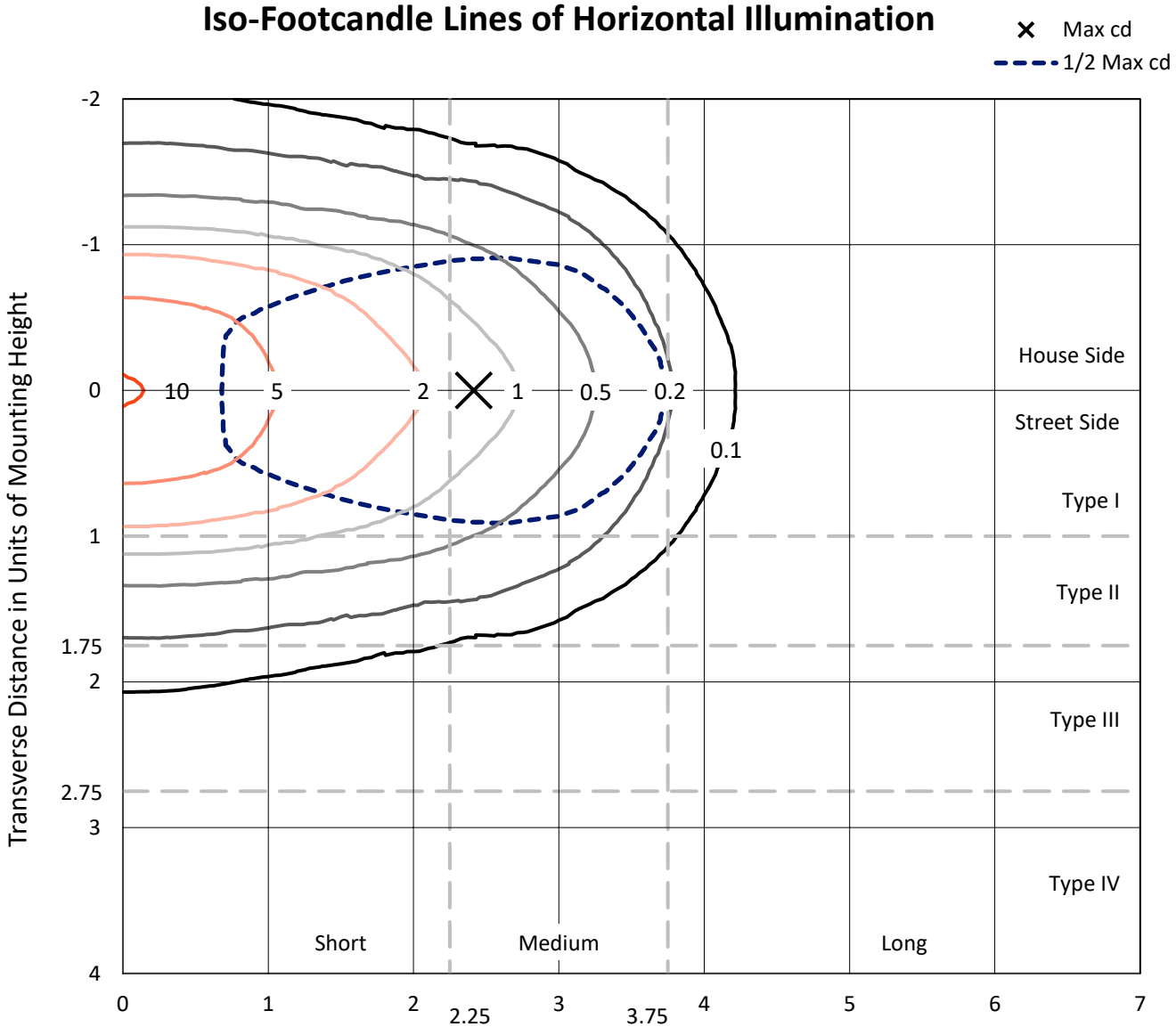
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 10.2 fc
Type I - Short - N/A

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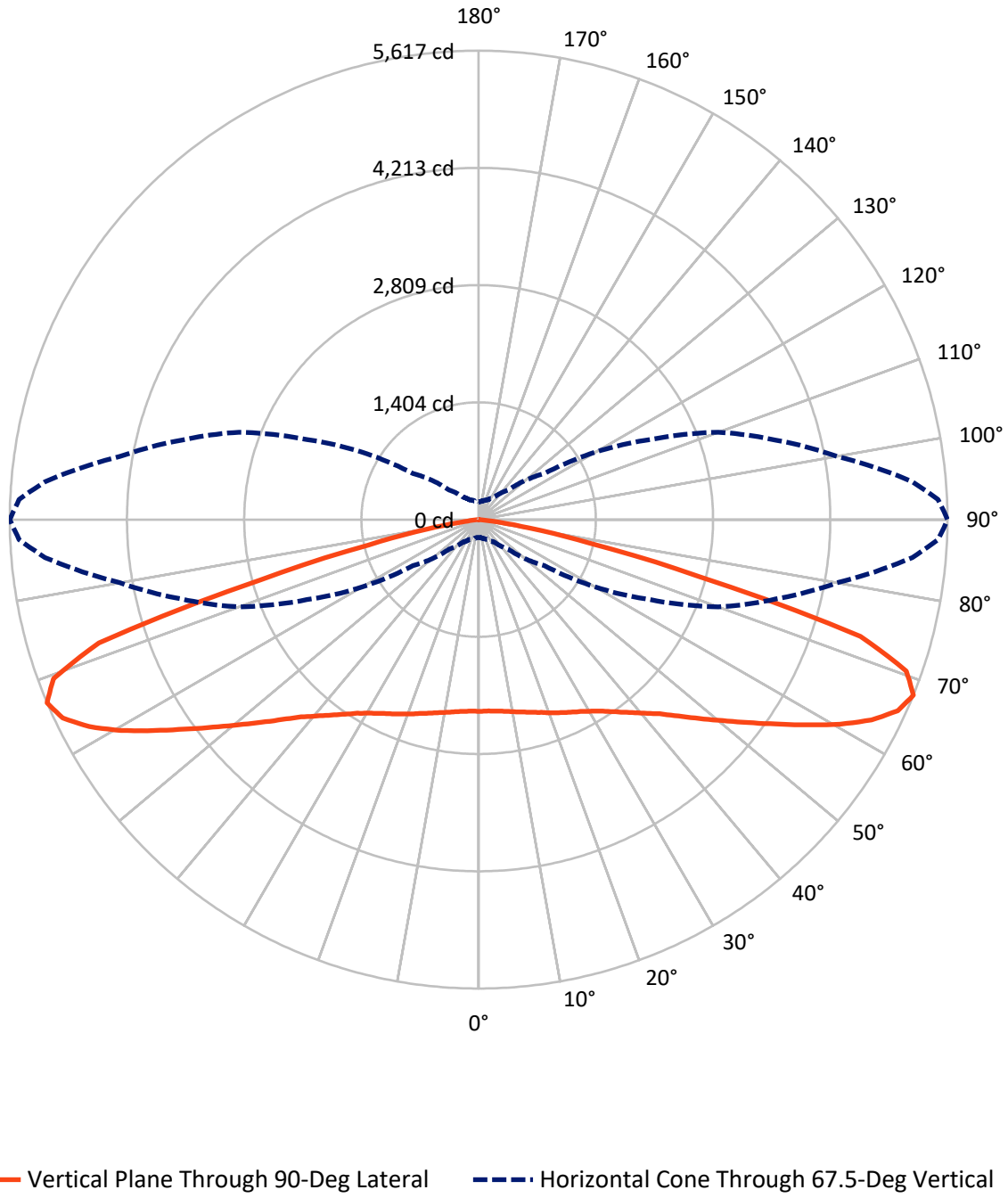
Luminous Intensity Polar Plot



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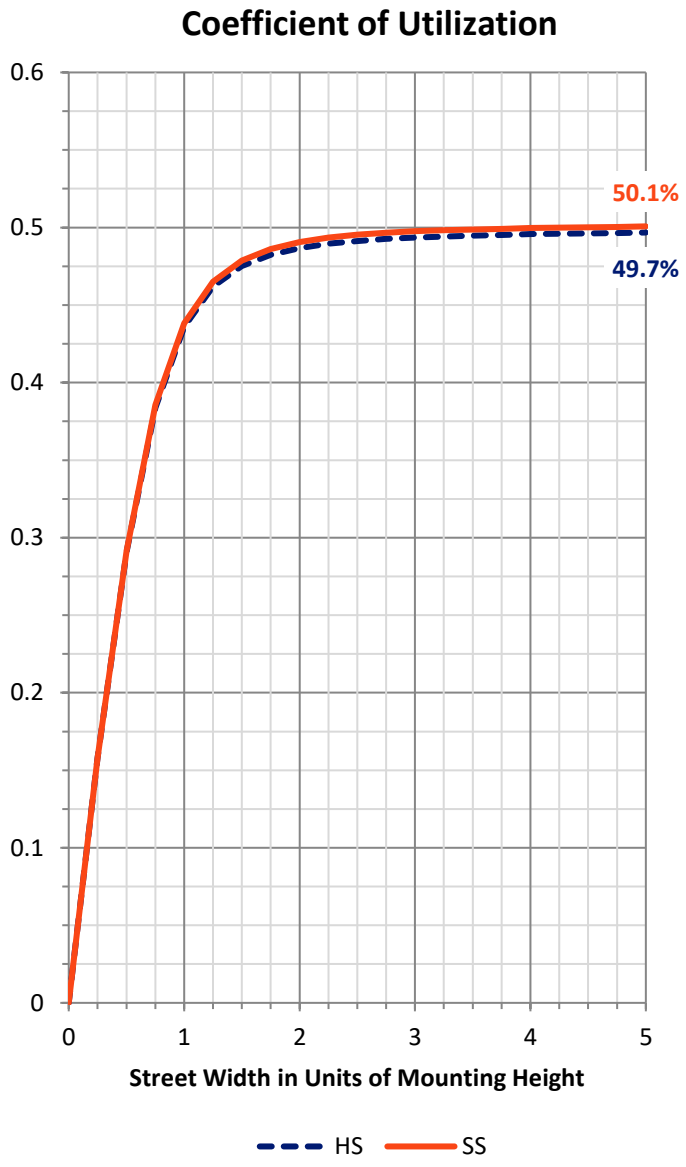
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4627.9	0.0	4627.9
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4627.9	0.0	4627.9
	% Fixture	50.0	0.0	50.0
Total	Lumens	9255.9	0.0	9255.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.3	2.4
10°-20°	663.8	7.2
20°-30°	1103.7	11.9
30°-40°	1466.3	15.8
40°-50°	1653.0	17.9
50°-60°	1699.8	18.4
60°-70°	1606.4	17.4
70°-80°	786.4	8.5
80°-90°	56.2	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°	9255.9	100.0
0°-180°	9255.9	100.0



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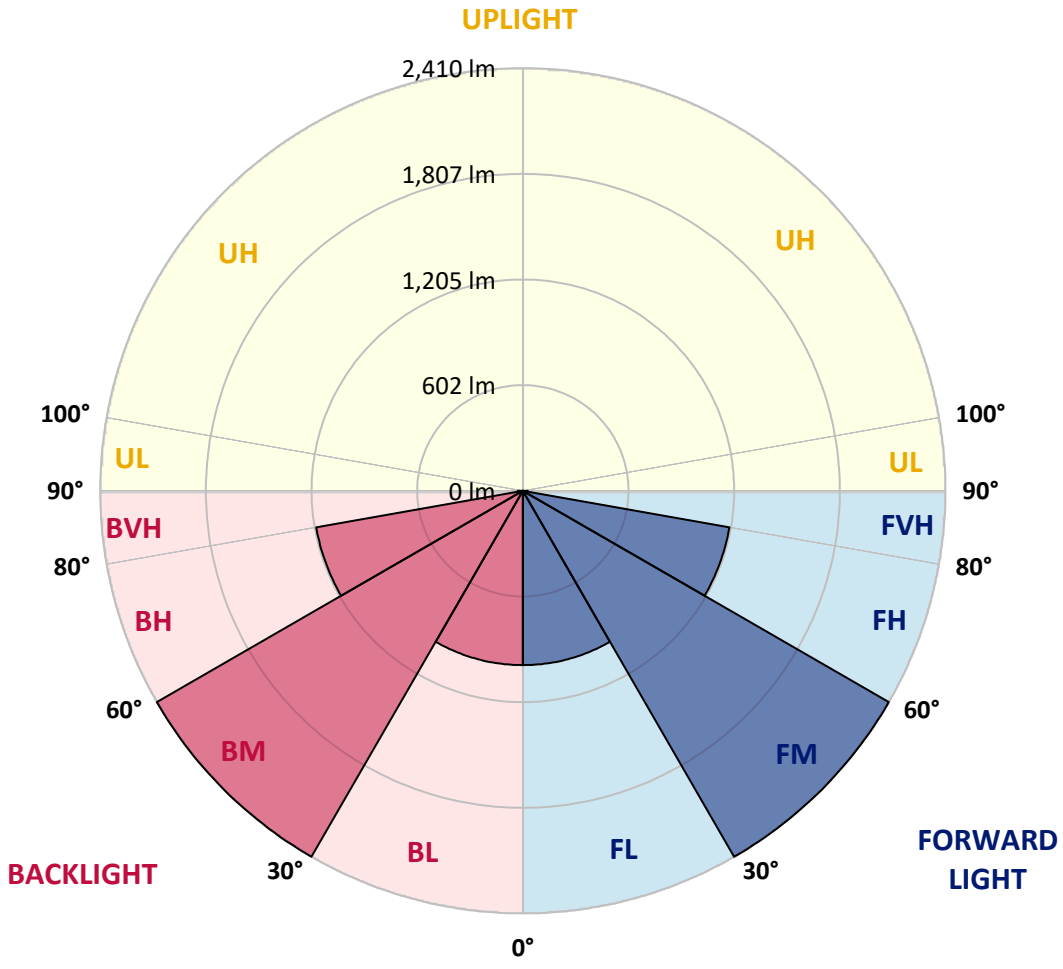
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	993.9	10.7			
FM	(30°-60°)	2409.6	26.0			
FH	(60°-80°)	1196.4	12.9			G1/1800
FVH	(80°-90°)	28.1	0.3			G1/100
BL	(0°-30°)	993.9	10.7	B2/1000		
BM	(30°-60°)	2409.6	26.0	B2/2500		
BH	(60°-80°)	1196.4	12.9	B3/2500		G3/2500
BVH	(80°-90°)	28.1	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: P1212018
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	2296.8	2296.8	2296.8	2296.8	2296.8	2296.8	2296.8	2296.8	2296.8	2296.8	2296.8
2.5°	2298.5	2301.9	2295.1	2295.1	2298.5	2300.2	2300.2	2301.9	2298.5	2298.5	2296.8
5°	2298.5	2300.2	2296.8	2296.8	2300.2	2305.3	2303.6	2307.0	2307.0	2305.3	2305.3
7.5°	2296.8	2300.2	2296.8	2298.5	2303.6	2313.8	2313.8	2313.8	2317.2	2320.7	2320.7
10°	2295.1	2298.5	2300.2	2301.9	2308.7	2324.1	2327.5	2329.2	2334.3	2339.4	2339.4
12.5°	2286.5	2289.9	2295.1	2301.9	2313.8	2334.3	2341.1	2346.3	2354.8	2359.9	2363.3
15°	2274.6	2276.3	2288.2	2301.9	2320.7	2346.3	2359.9	2368.4	2380.4	2387.2	2392.3
17.5°	2257.5	2259.2	2278.0	2298.5	2325.8	2361.6	2383.8	2397.4	2409.4	2419.6	2426.5
20°	2235.3	2240.5	2262.6	2295.1	2334.3	2377.0	2409.4	2433.3	2445.2	2455.5	2465.7
22.5°	2208.0	2213.2	2240.5	2286.5	2342.8	2397.4	2440.1	2470.8	2486.2	2499.8	2511.8
25°	2167.1	2173.9	2206.3	2266.1	2346.3	2419.6	2474.2	2513.5	2527.1	2544.2	2554.4
27.5°	2103.9	2109.1	2148.3	2225.1	2336.0	2443.5	2513.5	2559.5	2574.9	2593.7	2603.9
30°	2005.0	2015.2	2063.0	2158.6	2310.4	2462.3	2559.5	2605.6	2624.4	2643.2	2656.8
32.5°	1877.0	1892.4	1945.3	2068.1	2260.9	2469.1	2609.0	2661.9	2685.8	2706.3	2723.4
35°	1718.3	1733.7	1796.8	1952.1	2182.4	2455.5	2658.5	2726.8	2755.8	2783.1	2803.6
37.5°	1537.4	1551.1	1627.9	1805.3	2069.8	2412.8	2697.8	2798.4	2837.7	2873.5	2900.8
40°	1354.9	1370.2	1453.8	1643.2	1933.3	2330.9	2714.8	2876.9	2926.4	2972.5	3006.6
42.5°	1156.9	1175.7	1269.5	1470.9	1774.6	2218.3	2701.2	2953.7	3015.1	3078.3	3129.5
45°	981.2	984.6	1087.0	1281.5	1600.6	2073.2	2653.4	3027.1	3110.7	3199.4	3272.8
47.5°	812.2	819.1	907.8	1100.6	1419.7	1909.4	2566.4	3085.1	3218.2	3332.5	3440.0
50°	662.1	670.6	750.8	923.1	1238.8	1730.3	2448.6	3119.2	3310.3	3465.6	3615.8
52.5°	539.2	549.4	616.0	767.9	1056.2	1542.6	2303.6	3124.4	3394.0	3598.7	3798.4
55°	448.8	455.6	506.8	627.9	880.5	1348.0	2138.1	3098.8	3448.6	3718.2	3984.4
57.5°	378.8	385.6	421.5	517.0	721.8	1148.4	1936.7	3039.0	3477.6	3822.3	4172.1
60°	329.3	334.4	360.0	428.3	593.8	960.7	1720.0	2933.2	3469.0	3887.1	4327.3
62.5°	293.5	295.2	317.4	365.2	489.7	783.2	1476.0	2774.6	3399.1	3895.6	4433.1
65°	261.1	262.8	276.4	310.6	402.7	629.6	1221.8	2556.1	3266.0	3835.9	4448.5
67.5°	*211.6*	*215.0*	*235.5*	*261.1*	*331.0*	*498.3*	*962.4*	*2269.5*	*3057.8*	*3680.6*	*4361.5*
70°	168.9	170.6	191.1	220.1	269.6	392.5	738.9	1883.8	2731.9	3428.1	4136.2
72.5°	126.3	129.7	148.5	177.5	220.1	303.7	534.1	1424.8	2184.1	2890.6	3602.1
75°	100.7	102.4	109.2	136.5	170.6	230.4	360.0	863.4	1315.6	1788.3	2208.0
77.5°	85.3	87.0	87.0	105.8	126.3	155.3	191.1	343.0	556.3	791.8	1049.4
80°	70.0	73.4	66.5	78.5	90.4	90.4	88.7	163.8	262.8	372.0	488.0
82.5°	51.2	54.6	51.2	54.6	54.6	49.5	46.1	61.4	83.6	114.3	124.6
85°	35.8	37.5	41.0	37.5	35.8	29.0	22.2	17.1	10.2	11.9	17.1
87.5°	23.9	29.0	34.1	32.4	27.3	22.2	15.4	10.2	5.1	6.8	6.8
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-PB2D-827-U-T1

CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	2296.8	2296.8	*2296.8*
2.5°	2298.5	2296.8	*2295.1*
5°	2307.0	2305.3	*2303.6*
7.5°	2319.0	2319.0	*2319.0*
10°	2337.7	2341.1	*2341.1*
12.5°	2361.6	2365.0	*2365.0*
15°	2390.6	2392.3	*2395.7*
17.5°	2426.5	2428.2	*2428.2*
20°	2469.1	2467.4	*2470.8*
22.5°	2511.8	2511.8	*2511.8*
25°	2556.1	2556.1	*2556.1*
27.5°	2607.3	2607.3	*2603.9*
30°	2663.6	2663.6	*2663.6*
32.5°	2731.9	2733.6	*2735.3*
35°	2818.9	2822.3	*2827.4*
37.5°	2917.9	2926.4	*2931.5*
40°	3035.6	3039.0	*3047.6*
42.5°	3167.0	3177.3	*3179.0*
45°	3330.8	3347.9	*3354.7*
47.5°	3523.6	3547.5	*3559.5*
50°	3738.6	3765.9	*3783.0*
52.5°	3972.4	4016.8	*4037.3*
55°	4221.5	4298.3	*4320.5*
57.5°	4503.1	4607.2	*4637.9*
60°	4779.5	4926.3	*4975.8*
62.5°	5015.0	5221.5	*5282.9*
65°	5180.5	5429.7	*5520.1*
67.5°	*5214.7*	*5509.9*	*5617.4*
70°	5009.9	5311.9	*5436.5*
72.5°	4356.4	4629.4	*4784.6*
75°	2573.2	2769.4	*2721.7*
77.5°	1291.7	1348.0	*1356.6*
80°	566.5	600.6	*614.3*
82.5°	139.9	143.3	*162.1*
85°	18.8	22.2	*20.5*
87.5°	6.8	6.8	*8.5*
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: SP3-2511-595-2

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-827-U-T4W

Data in this report applies to families of products including GKO-PB1C-827*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

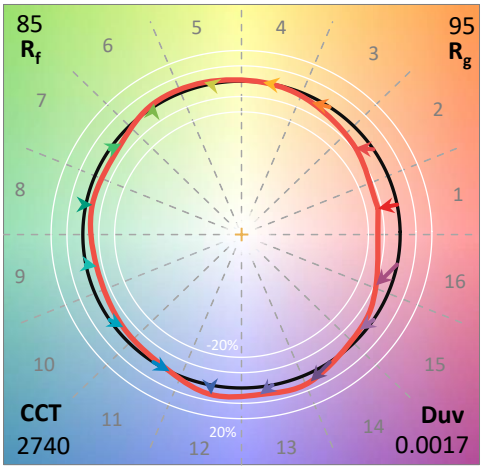
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-595-2
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-827-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2740
CIE u':	0.2602
CIE v':	0.5290
Duv:	0.0017
CIE x:	0.4595
CIE y:	0.4151
CIE z:	0.1255
Peak Wavelength (nm):	605
Dominant Wavelength (nm):	583
Purity:	62.5206
Rf:	84.8
Rg:	94.5

CRI (Ra):	81.1
R1:	79.2
R2:	90.4
R3:	95.8
R4:	79.2
R5:	79.6
R6:	89.5
R7:	81.1
R8:	54.5
R9:	-0.3
R10:	79.1
R11:	79.0
R12:	72.7
R13:	81.7
R14:	98.3
R15:	70.3



Test Conditions

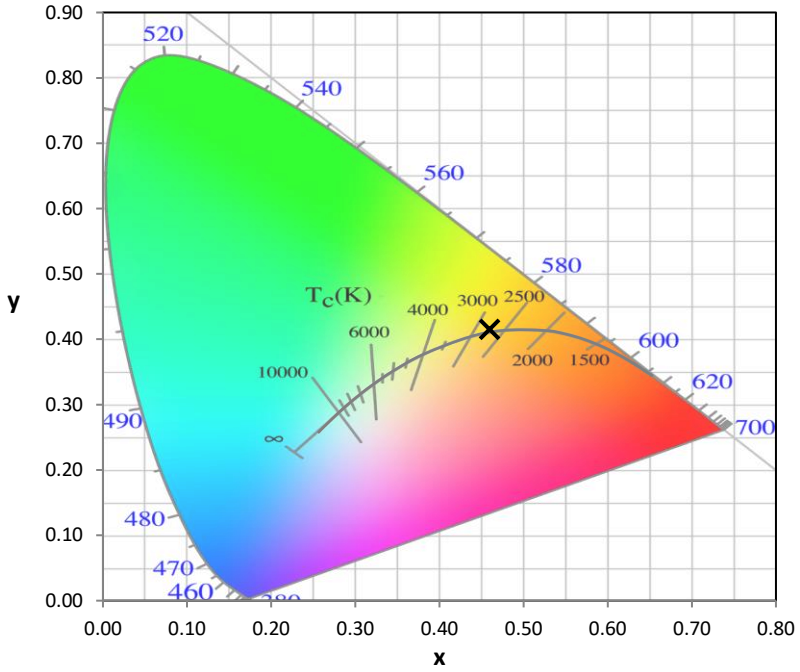
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-2

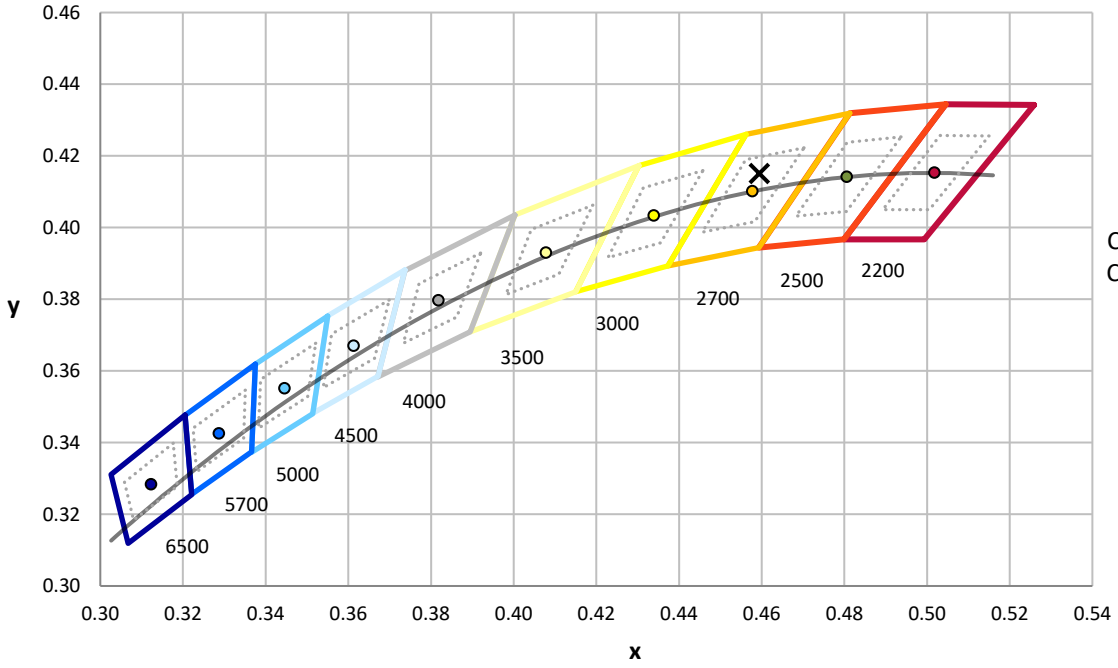
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

REPORT NUMBER: SP3-2511-595-2

CIE 1931 Chromaticity Diagram



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

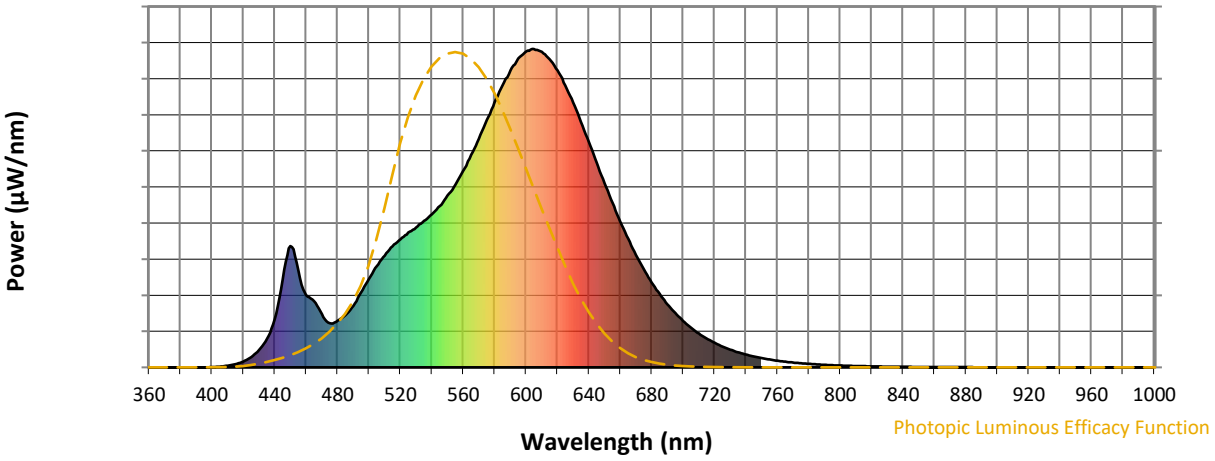


CCT = 2740K
CIE x = 0.4595
CIE y = 0.4151
Duv = 0.0017

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-2

Photopic Flux vs. Wavelength

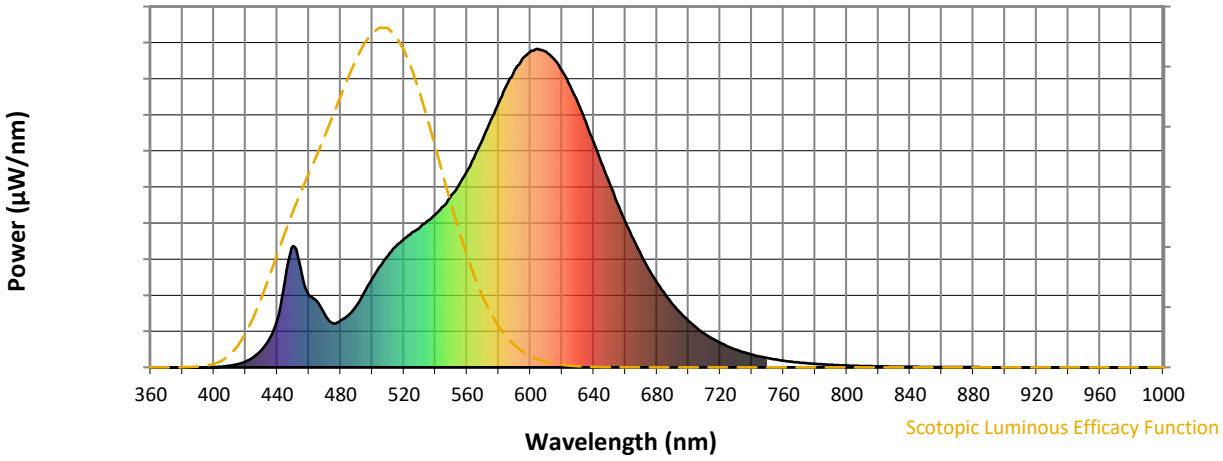


Photopic Lumens: NR

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP3-2511-595-2

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.22**

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

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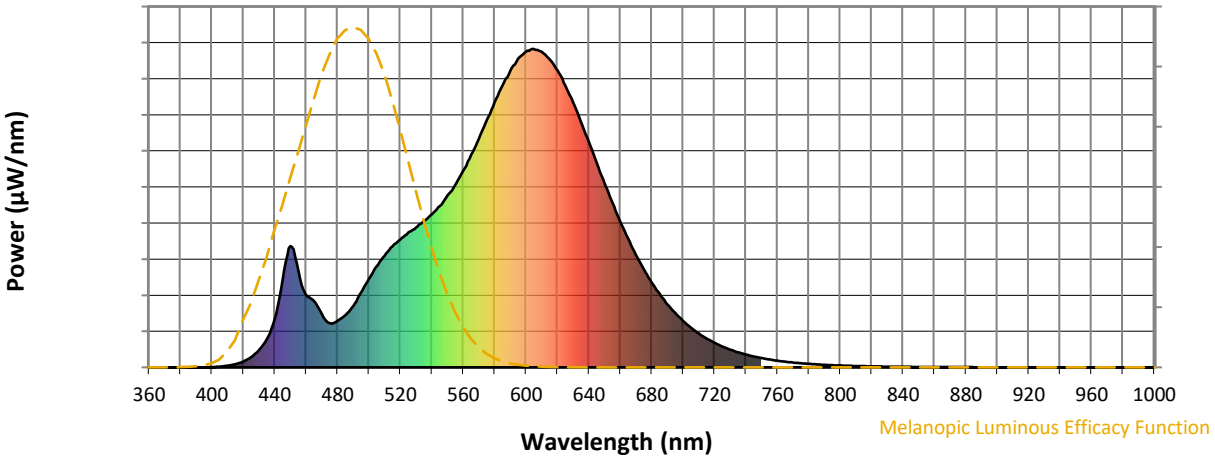
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.26**

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	193	NR	620	932	NR	750	29	NR	880	1	NR
365	0	NR	495	235	NR	625	886	NR	755	25	NR	885	1	NR
370	0	NR	500	278	NR	630	832	NR	760	21	NR	890	0	NR
375	0	NR	505	318	NR	635	771	NR	765	18	NR	895	0	NR
380	0	NR	510	351	NR	640	708	NR	770	15	NR	900	0	NR
385	0	NR	515	380	NR	645	642	NR	775	13	NR	905	0	NR
390	0	NR	520	402	NR	650	578	NR	780	11	NR	910	0	NR
395	0	NR	525	423	NR	655	517	NR	785	9	NR	915	0	NR
400	1	NR	530	440	NR	660	457	NR	790	8	NR	920	0	NR
405	2	NR	535	460	NR	665	404	NR	795	7	NR	925	0	NR
410	5	NR	540	480	NR	670	352	NR	800	6	NR	930	0	NR
415	10	NR	545	507	NR	675	308	NR	805	5	NR	935	0	NR
420	19	NR	550	539	NR	680	267	NR	810	4	NR	940	0	NR
425	32	NR	555	574	NR	685	231	NR	815	4	NR	945	0	NR
430	55	NR	560	617	NR	690	198	NR	820	3	NR	950	0	NR
435	90	NR	565	668	NR	695	171	NR	825	3	NR	955	0	NR
440	151	NR	570	718	NR	700	146	NR	830	2	NR	960	0	NR
445	275	NR	575	777	NR	705	124	NR	835	2	NR	965	0	NR
450	381	NR	580	832	NR	710	106	NR	840	2	NR	970	0	NR
455	304	NR	585	886	NR	715	90	NR	845	2	NR	975	0	NR
460	227	NR	590	933	NR	720	77	NR	850	1	NR	980	0	NR
465	208	NR	595	970	NR	725	66	NR	855	1	NR	985	0	NR
470	167	NR	600	992	NR	730	56	NR	860	1	NR	990	0	NR
475	138	NR	605	1000	NR	735	47	NR	865	1	NR	995	0	NR
480	146	NR	610	991	NR	740	40	NR	870	1	NR	1000	0	NR
485	164	NR	615	969	NR	745	34	NR	875	1	NR			

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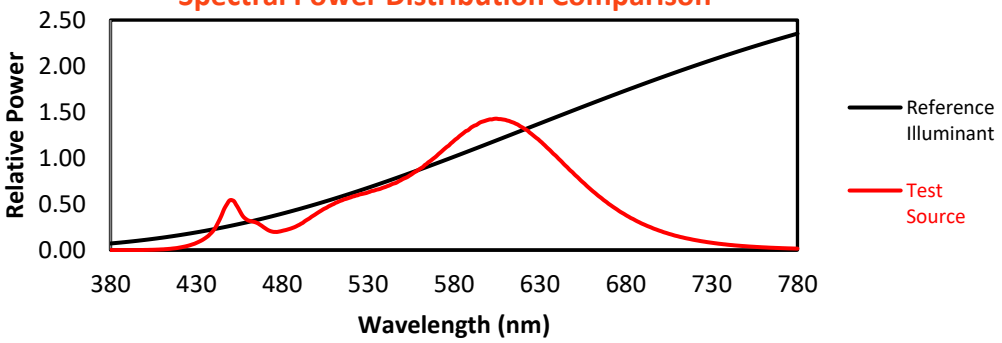
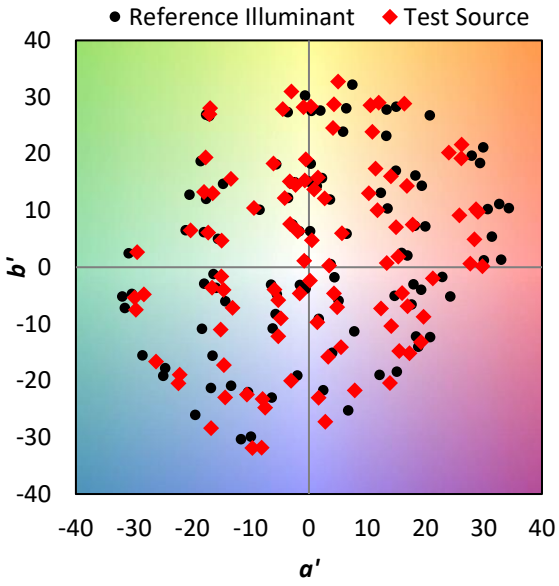
Summary

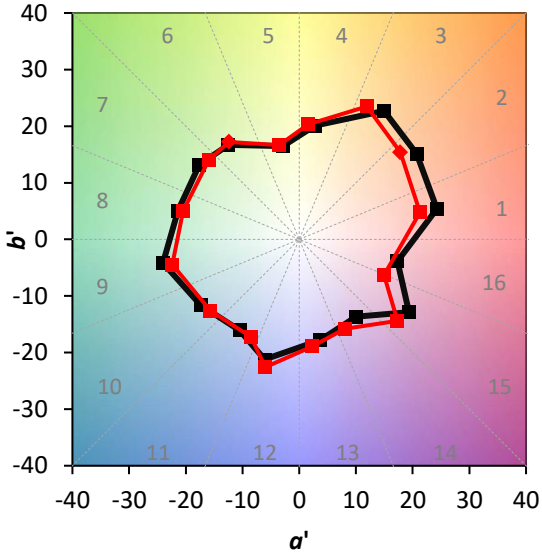
R_f = 84.8
R_g = 94.5
CIE R_a = 81.1
R_9 = -0.3

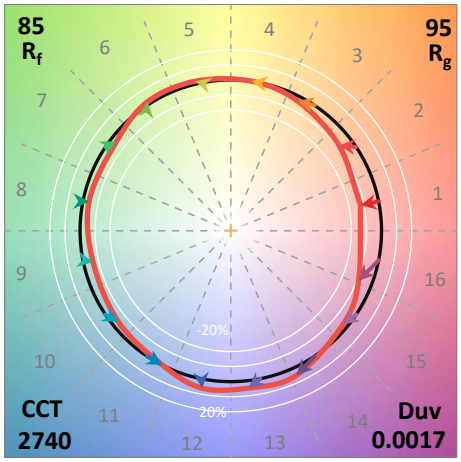
Spectral Power Distribution Comparison

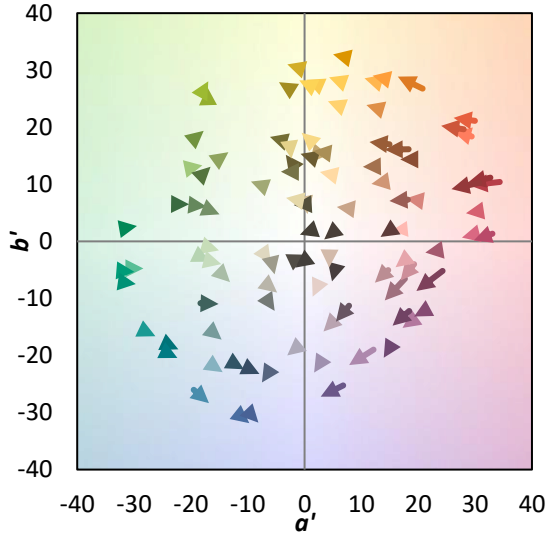


Color Vector Graphics









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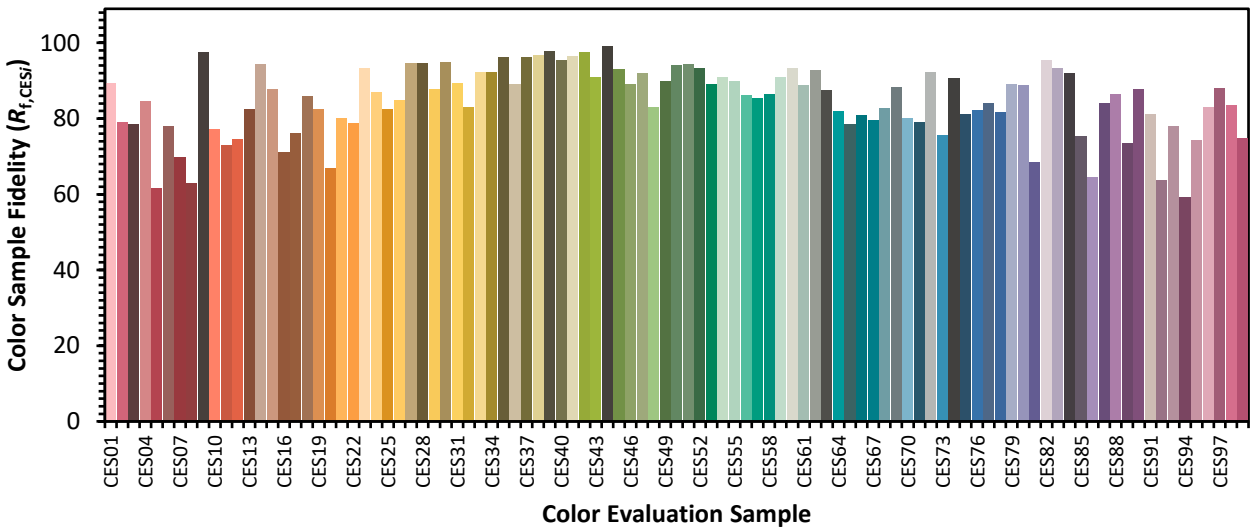
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 94	CES76 = 82
CES02 = 63	CES27 = 95	CES52 = 93	CES77 = 84
CES03 = 31	CES28 = 95	CES53 = 89	CES78 = 82
CES04 = 71	CES29 = 88	CES54 = 91	CES79 = 89
CES05 = 50	CES30 = 95	CES55 = 90	CES80 = 89
CES06 = 52	CES31 = 89	CES56 = 86	CES81 = 68
CES07 = 43	CES32 = 83	CES57 = 85	CES82 = 96
CES08 = 41	CES33 = 92	CES58 = 86	CES83 = 93
CES09 = 29	CES34 = 92	CES59 = 91	CES84 = 92
CES10 = 77	CES35 = 96	CES60 = 93	CES85 = 75
CES11 = 60	CES36 = 89	CES61 = 89	CES86 = 65
CES12 = 66	CES37 = 96	CES62 = 93	CES87 = 84
CES13 = 44	CES38 = 97	CES63 = 87	CES88 = 86
CES14 = 74	CES39 = 98	CES64 = 82	CES89 = 73
CES15 = 72	CES40 = 95	CES65 = 79	CES90 = 88
CES16 = 48	CES41 = 96	CES66 = 81	CES91 = 81
CES17 = 50	CES42 = 98	CES67 = 80	CES92 = 64
CES18 = 57	CES43 = 91	CES68 = 83	CES93 = 78
CES19 = 73	CES44 = 99	CES69 = 88	CES94 = 59
CES20 = 67	CES45 = 93	CES70 = 80	CES95 = 74
CES21 = 87	CES46 = 89	CES71 = 79	CES96 = 83
CES22 = 79	CES47 = 92	CES72 = 92	CES97 = 88
CES23 = 92	CES48 = 83	CES73 = 76	CES98 = 84
CES24 = 91	CES49 = 90	CES74 = 91	CES99 = 75
CES25 = 72	CES50 = 94	CES75 = 81	



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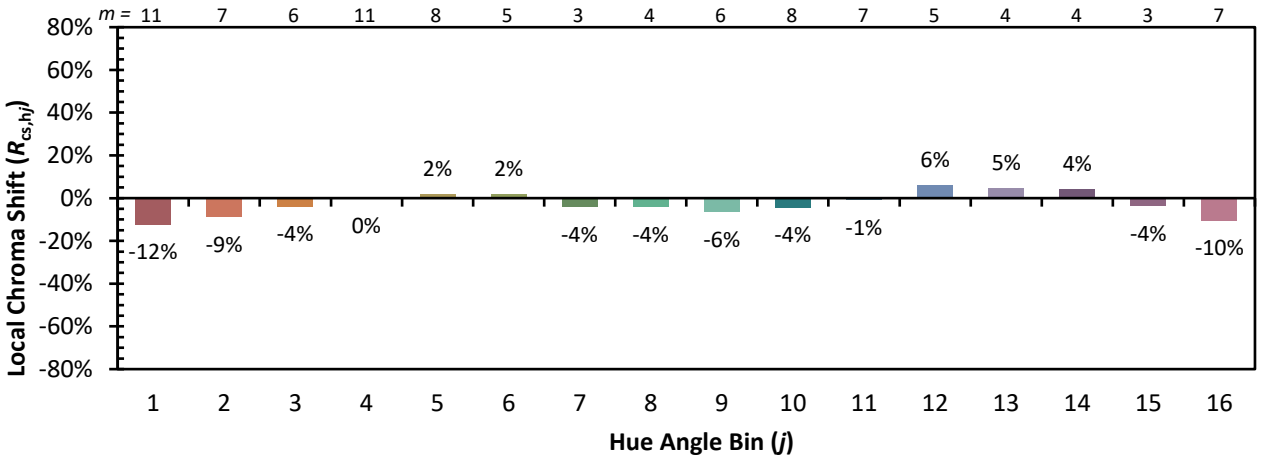
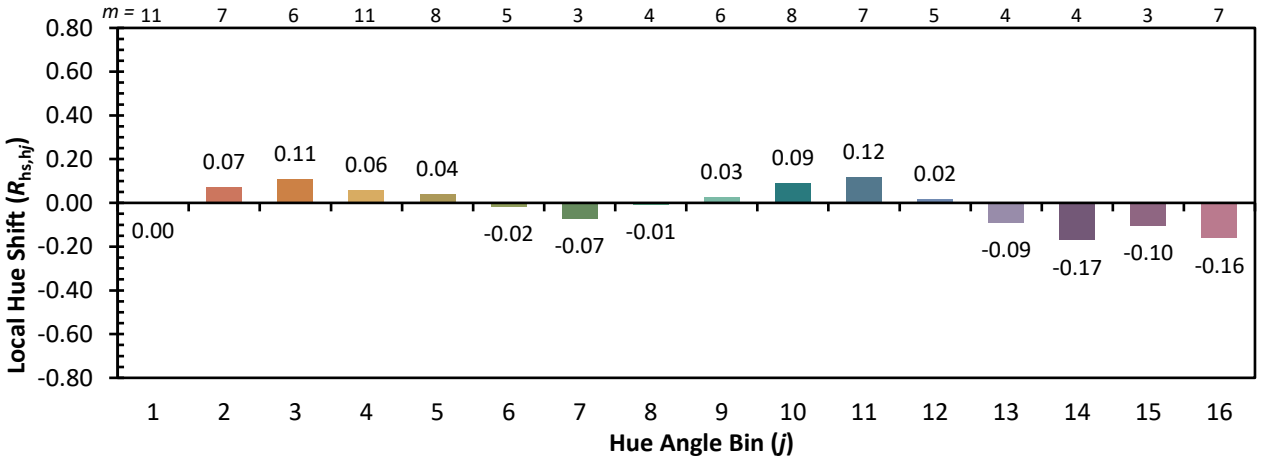
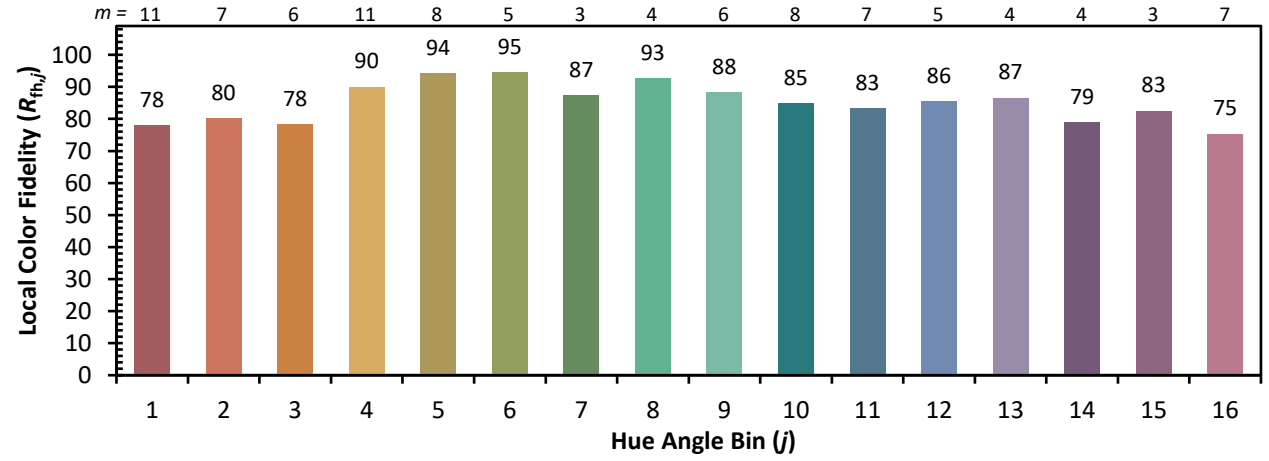
Color Rendition by Hue-Angle Bin







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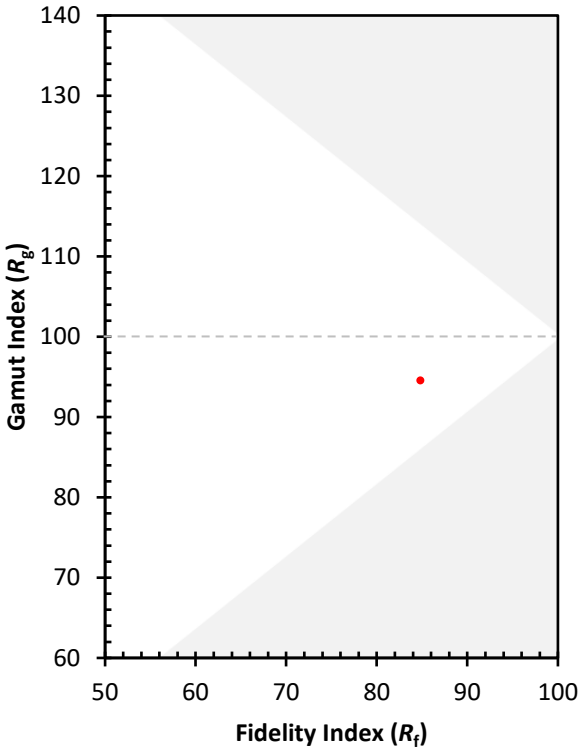
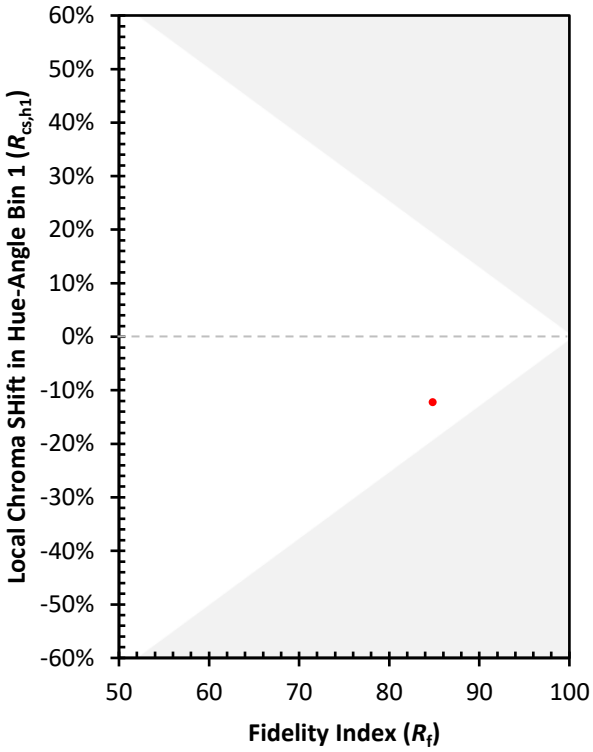
Measure Comparisons





(END OF REPORT)