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: P1212035

Luminaire Tested: **GKO-PB1B-835-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:	P1212035
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1B-835-U-T1
Description:	GEKKO WALL PACK 1500LM PACKAGE 80CRI 3500K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source:	(10) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	1409.4 lumens
Efficiency:	N/A
Efficacy:	151.6 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type I - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	9.3
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	14%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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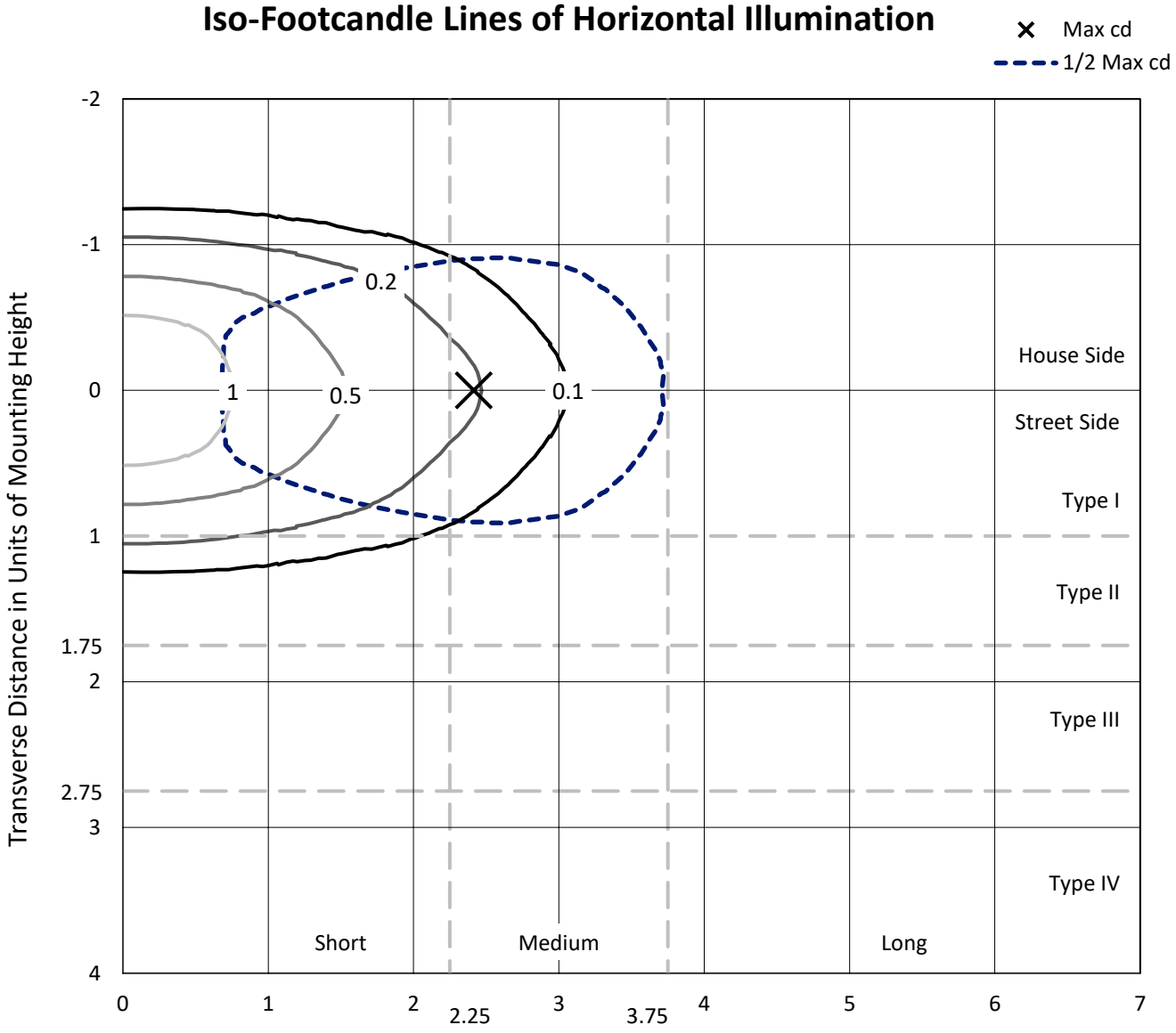
Scaled Data Report

REPORT NUMBER: P1212035
CATALOG NUMBER: GKO-PB1B-835-U-T1

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 1.6 fc
Type I - Short - N/A

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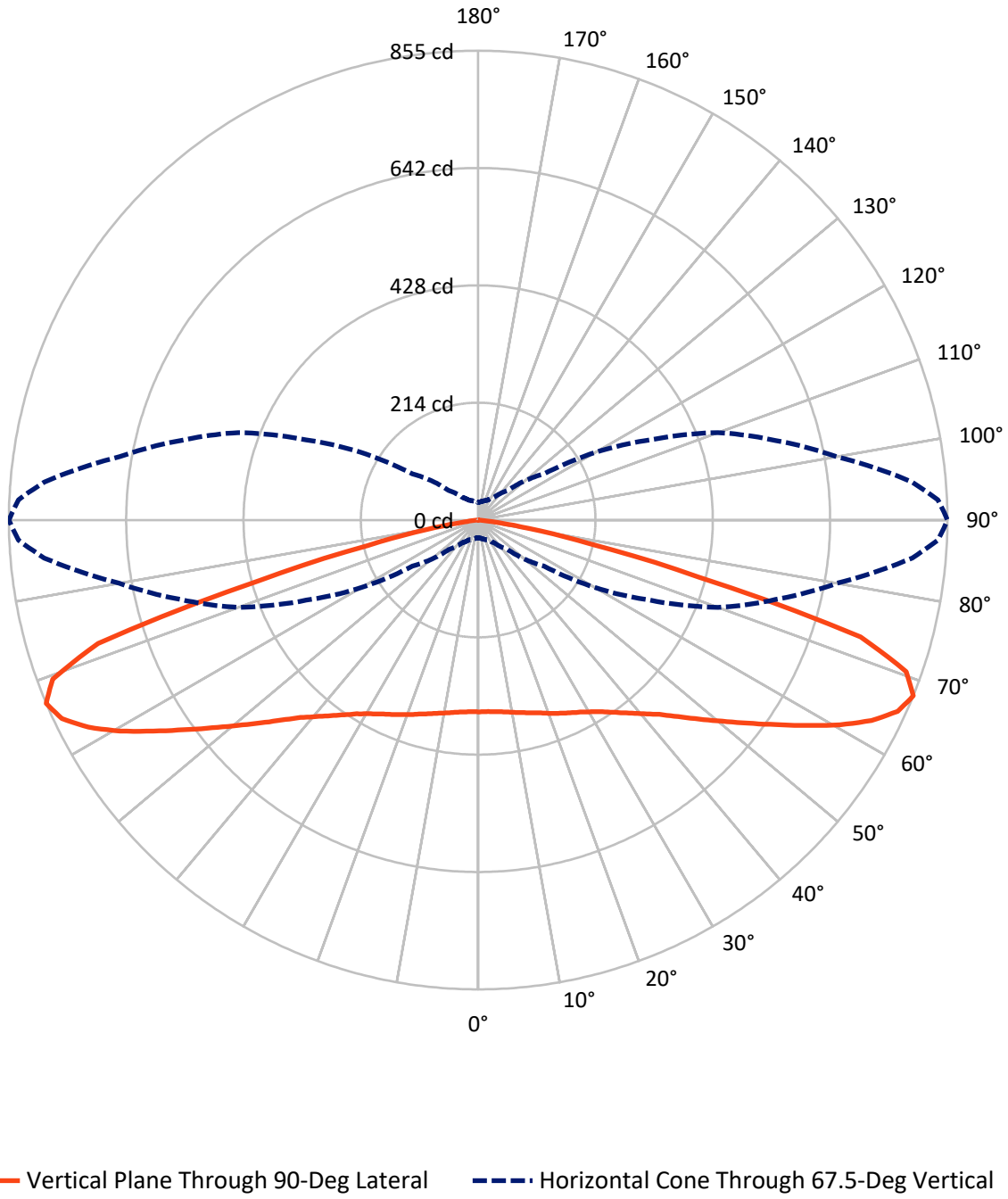
Luminous Intensity Polar Plot



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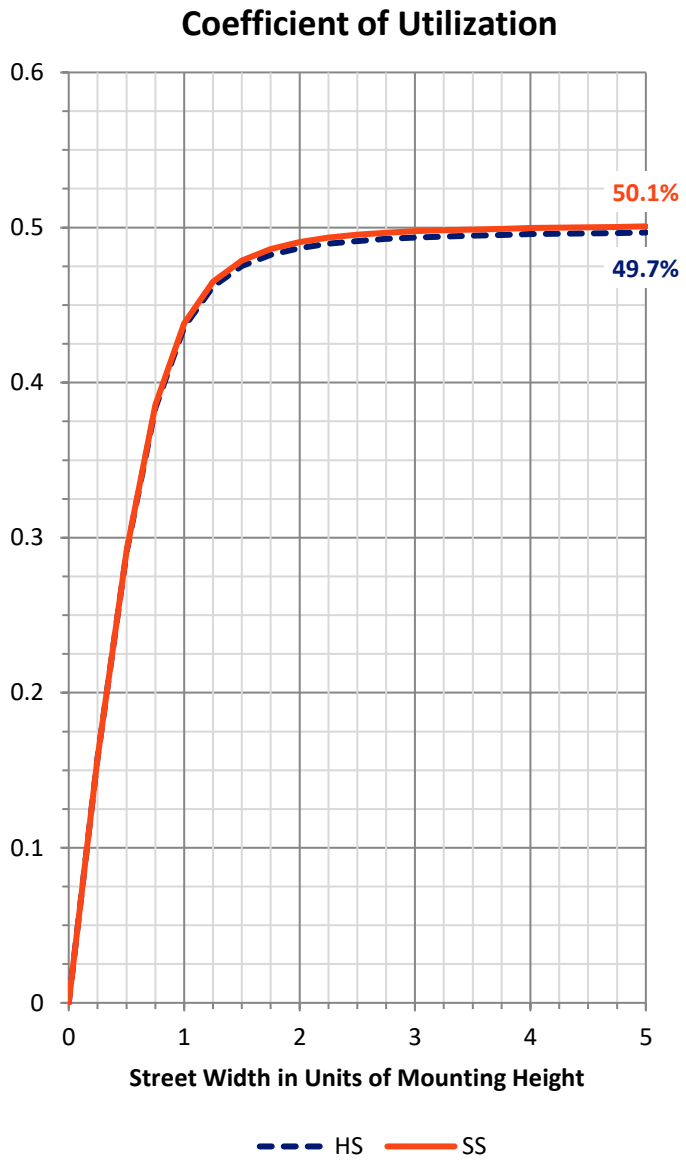
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	704.7	0.0	704.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	704.7	0.0	704.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	1409.4	0.0	1409.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.5	2.4
10°-20°	101.1	7.2
20°-30°	168.1	11.9
30°-40°	223.3	15.8
40°-50°	251.7	17.9
50°-60°	258.8	18.4
60°-70°	244.6	17.4
70°-80°	119.7	8.5
80°-90°	8.6	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°	1409.4	100.0
0°-180°	1409.4	100.0



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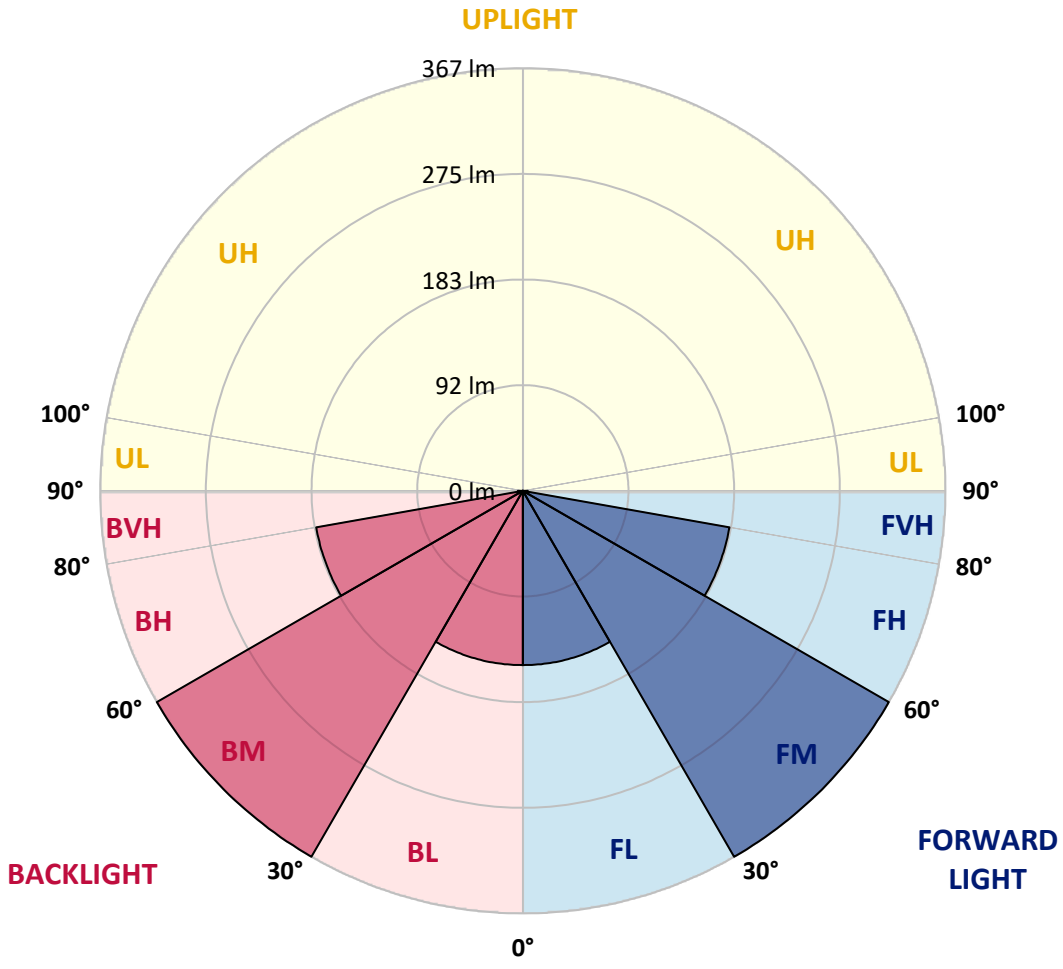
Scaled Data Report

REPORT NUMBER: P1212035
CATALOG NUMBER: GKO-PB1B-835-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	151.3	10.7			
FM	(30°-60°)	366.9	26.0			
FH	(60°-80°)	182.2	12.9			G0/660
FVH	(80°-90°)	4.3	0.3			G0/10
BL	(0°-30°)	151.3	10.7	B1/500		
BM	(30°-60°)	366.9	26.0	B1/1000		
BH	(60°-80°)	182.2	12.9	B1/500		G1/500
BVH	(80°-90°)	4.3	0.3			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type I Short



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Scaled Data Report

REPORT NUMBER: P1212035
CATALOG NUMBER: GKO-PB1B-835-U-T1

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7	349.7
2.5°	350.0	350.5	349.5	349.5	350.0	350.3	350.3	350.5	350.0	350.0	349.7
5°	350.0	350.3	349.7	349.7	350.3	351.0	350.8	351.3	351.3	351.0	351.0
7.5°	349.7	350.3	349.7	350.0	350.8	352.3	352.3	352.3	352.9	353.4	353.4
10°	349.5	350.0	350.3	350.5	351.6	353.9	354.4	354.7	355.5	356.2	356.2
12.5°	348.2	348.7	349.5	350.5	352.3	355.5	356.5	357.3	358.6	359.4	359.9
15°	346.4	346.6	348.4	350.5	353.4	357.3	359.4	360.7	362.5	363.5	364.3
17.5°	343.8	344.0	346.9	350.0	354.2	359.6	363.0	365.1	366.9	368.4	369.5
20°	340.4	341.2	344.5	349.5	355.5	362.0	366.9	370.5	372.3	373.9	375.5
22.5°	336.2	337.0	341.2	348.2	356.8	365.1	371.6	376.2	378.6	380.7	382.5
25°	330.0	331.0	336.0	345.1	357.3	368.4	376.8	382.7	384.8	387.4	389.0
27.5°	320.4	321.2	327.1	338.8	355.7	372.1	382.7	389.8	392.1	395.0	396.5
30°	305.3	306.9	314.1	328.7	351.8	374.9	389.8	396.8	399.6	402.5	404.6
32.5°	285.8	288.2	296.2	314.9	344.3	376.0	397.3	405.3	409.0	412.1	414.7
35°	261.7	264.0	273.6	297.3	332.3	373.9	404.8	415.2	419.6	423.8	426.9
37.5°	234.1	236.2	247.9	274.9	315.2	367.4	410.8	426.1	432.1	437.6	441.7
40°	206.3	208.6	221.4	250.2	294.4	354.9	413.4	438.1	445.6	452.6	457.8
42.5°	176.2	179.0	193.3	224.0	270.2	337.8	411.3	449.8	459.1	468.7	476.5
45°	149.4	149.9	165.5	195.1	243.7	315.7	404.0	461.0	473.7	487.2	498.4
47.5°	123.7	124.7	138.2	167.6	216.2	290.8	390.8	469.8	490.1	507.5	523.8
50°	100.8	102.1	114.3	140.6	188.6	263.5	372.9	475.0	504.1	527.7	550.6
52.5°	82.1	83.7	93.8	116.9	160.8	234.9	350.8	475.8	516.8	548.0	578.4
55°	68.3	69.4	77.2	95.6	134.1	205.3	325.6	471.9	525.1	566.2	606.7
57.5°	57.7	58.7	64.2	78.7	109.9	174.9	294.9	462.8	529.5	582.0	635.3
60°	50.1	50.9	54.8	65.2	90.4	146.3	261.9	446.7	528.2	591.9	658.9
62.5°	44.7	45.0	48.3	55.6	74.6	119.3	224.8	422.5	517.6	593.2	675.1
65°	39.8	40.0	42.1	47.3	61.3	95.9	186.0	389.2	497.3	584.1	677.4
67.5°	*32.2*	*32.7*	*35.9*	*39.8*	*50.4*	*75.9*	*146.5*	*345.6*	*465.6*	*560.5*	*664.1*
70°	25.7	26.0	29.1	33.5	41.1	59.8	112.5	286.9	416.0	522.0	629.8
72.5°	19.2	19.7	22.6	27.0	33.5	46.3	81.3	217.0	332.6	440.2	548.5
75°	15.3	15.6	16.6	20.8	26.0	35.1	54.8	131.5	200.3	272.3	336.2
77.5°	13.0	13.3	13.3	16.1	19.2	23.6	29.1	52.2	84.7	120.6	159.8
80°	10.7	11.2	10.1	12.0	13.8	13.8	13.5	24.9	40.0	56.6	74.3
82.5°	7.8	8.3	7.8	8.3	8.3	7.5	7.0	9.4	12.7	17.4	19.0
85°	5.5	5.7	6.2	5.7	5.5	4.4	3.4	2.6	1.6	1.8	2.6
87.5°	3.6	4.4	5.2	4.9	4.2	3.4	2.3	1.6	0.8	1.0	1.0
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-PB1B-835-U-T1

CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	349.7	349.7	*349.7*
2.5°	350.0	349.7	*349.5*
5°	351.3	351.0	*350.8*
7.5°	353.1	353.1	*353.1*
10°	356.0	356.5	*356.5*
12.5°	359.6	360.1	*360.1*
15°	364.0	364.3	*364.8*
17.5°	369.5	369.7	*369.7*
20°	376.0	375.7	*376.2*
22.5°	382.5	382.5	*382.5*
25°	389.2	389.2	*389.2*
27.5°	397.0	397.0	*396.5*
30°	405.6	405.6	*405.6*
32.5°	416.0	416.3	*416.5*
35°	429.3	429.8	*430.6*
37.5°	444.3	445.6	*446.4*
40°	462.3	462.8	*464.1*
42.5°	482.3	483.8	*484.1*
45°	507.2	509.8	*510.8*
47.5°	536.6	540.2	*542.0*
50°	569.3	573.5	*576.1*
52.5°	604.9	611.7	*614.8*
55°	642.8	654.5	*657.9*
57.5°	685.7	701.6	*706.2*
60°	727.8	750.1	*757.7*
62.5°	763.7	795.1	*804.5*
65°	788.9	826.8	*840.6*
67.5°	*794.1*	*839.0*	*855.4*
70°	762.9	808.9	*827.8*
72.5°	663.4	704.9	*728.6*
75°	391.8	421.7	*414.4*
77.5°	196.7	205.3	*206.6*
80°	86.3	91.5	*93.5*
82.5°	21.3	21.8	*24.7*
85°	2.9	3.4	*3.1*
87.5°	1.0	1.0	*1.3*
90°	0.0	0.0	*0.0*

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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: SP1-2511-595-3

Test Date: 01/09/2026

Luminaire Tested: GKO-PB1C-835-U-T4W

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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.05

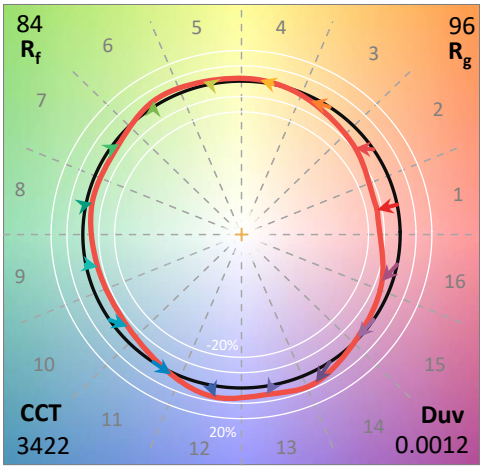
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2511-595-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	01/09/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GKO-PB1C-835-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3422
CIE u':	0.2372
CIE v':	0.5144
Duv:	0.0012
CIE x:	0.4111
CIE y:	0.3962
CIE z:	0.1928
Peak Wavelength (nm):	598
Dominant Wavelength (nm):	580
Purity:	42.28884
Rf:	83.9
Rg:	95.8

CRI (Ra):	81.5
R1:	79.2
R2:	88.7
R3:	96.3
R4:	80.3
R5:	79.7
R6:	85.6
R7:	83.5
R8:	58.4
R9:	-1.4
R10:	74.4
R11:	79.7
R12:	66.0
R13:	81.3
R14:	98.3
R15:	71.2



Test Conditions

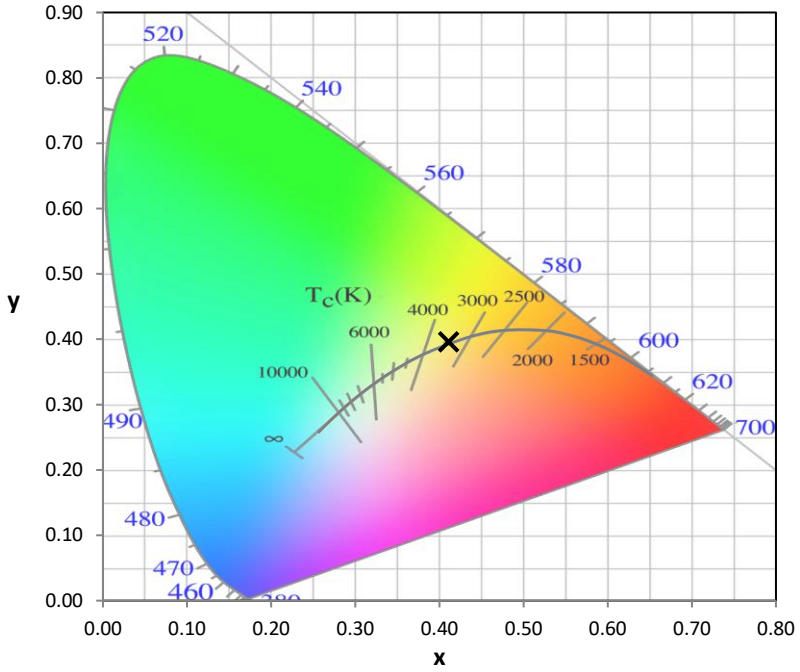
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.1

REPORT NUMBER: SP1-2511-595-3

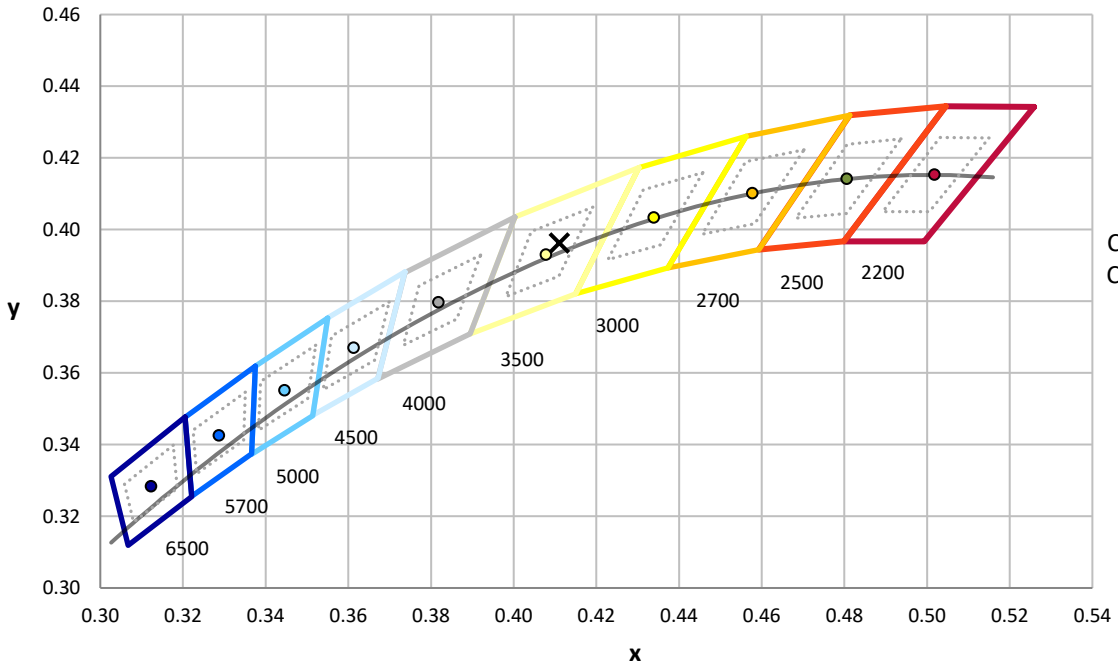
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	10/21/2025	10/21/2026
Sphere Thermometer	ONSET IN0085	10/21/2025	10/21/2026
Room Thermometer	ONSET IN0046	10/21/2025	10/21/2026

REPORT NUMBER: SP1-2511-595-3

CIE 1931 Chromaticity Diagram



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

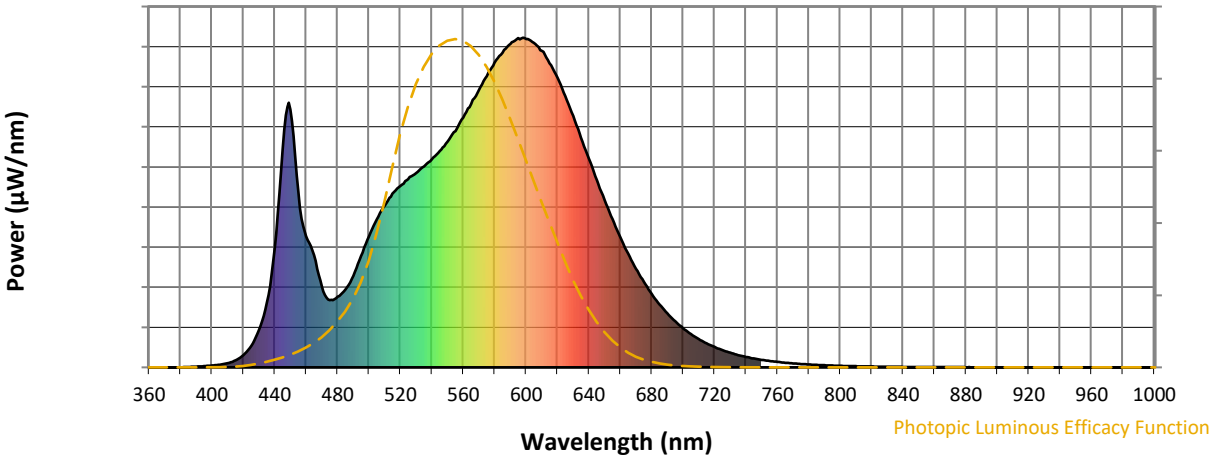


CCT = 3422K
CIE x = 0.4111
CIE y = 0.3962
Duv = 0.0012

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2511-595-3

Photopic Flux vs. Wavelength

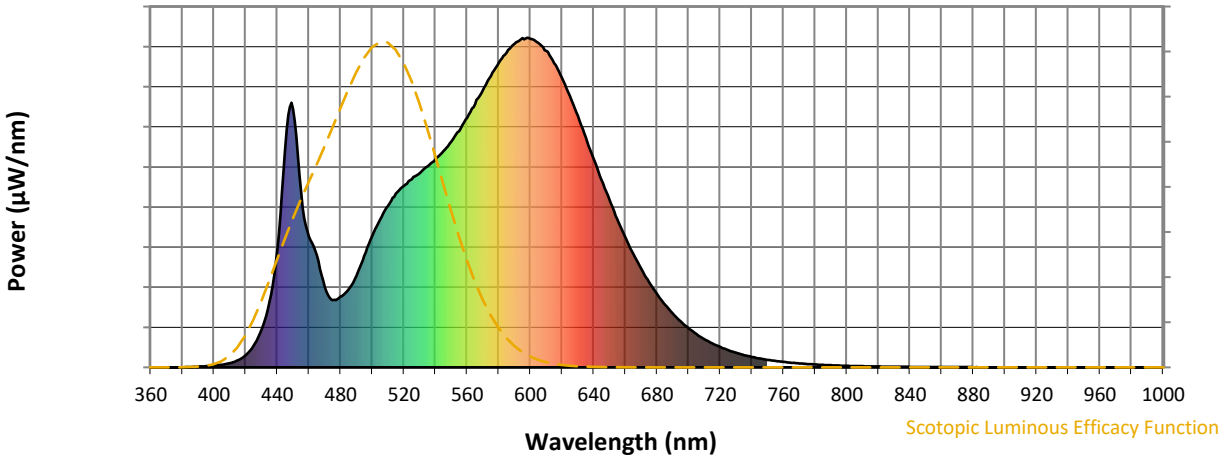


Photopic Lumens: NR

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	278	NR	620	878	NR	750	23	NR	880	1	NR
365	0	NR	495	338	NR	625	823	NR	755	20	NR	885	0	NR
370	0	NR	500	398	NR	630	763	NR	760	17	NR	890	0	NR
375	0	NR	505	448	NR	635	697	NR	765	14	NR	895	0	NR
380	0	NR	510	490	NR	640	633	NR	770	12	NR	900	0	NR
385	1	NR	515	527	NR	645	568	NR	775	10	NR	905	0	NR
390	2	NR	520	550	NR	650	508	NR	780	9	NR	910	0	NR
395	3	NR	525	571	NR	655	450	NR	785	7	NR	915	0	NR
400	5	NR	530	589	NR	660	395	NR	790	6	NR	920	0	NR
405	8	NR	535	610	NR	665	345	NR	795	5	NR	925	0	NR
410	13	NR	540	631	NR	670	299	NR	800	5	NR	930	0	NR
415	21	NR	545	656	NR	675	259	NR	805	4	NR	935	0	NR
420	37	NR	550	685	NR	680	223	NR	810	4	NR	940	0	NR
425	65	NR	555	717	NR	685	191	NR	815	3	NR	945	0	NR
430	114	NR	560	758	NR	690	164	NR	820	3	NR	950	0	NR
435	198	NR	565	799	NR	695	139	NR	825	2	NR	955	0	NR
440	359	NR	570	841	NR	700	118	NR	830	2	NR	960	0	NR
445	663	NR	575	883	NR	705	101	NR	835	2	NR	965	0	NR
450	782	NR	580	924	NR	710	86	NR	840	1	NR	970	0	NR
455	533	NR	585	954	NR	715	73	NR	845	1	NR	975	0	NR
460	398	NR	590	982	NR	720	62	NR	850	1	NR	980	0	NR
465	341	NR	595	999	NR	725	52	NR	855	1	NR	985	0	NR
470	244	NR	600	996	NR	730	44	NR	860	1	NR	990	0	NR
475	204	NR	605	984	NR	735	37	NR	865	1	NR	995	0	NR
480	214	NR	610	960	NR	740	32	NR	870	1	NR	1000	0	NR
485	236	NR	615	923	NR	745	27	NR	875	1	NR			

REPORT NUMBER: SP1-2511-595-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.48**

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	278	NR	620	878	NR	750	23	NR	880	1	NR
365	0	NR	495	338	NR	625	823	NR	755	20	NR	885	0	NR
370	0	NR	500	398	NR	630	763	NR	760	17	NR	890	0	NR
375	0	NR	505	448	NR	635	697	NR	765	14	NR	895	0	NR
380	0	NR	510	490	NR	640	633	NR	770	12	NR	900	0	NR
385	1	NR	515	527	NR	645	568	NR	775	10	NR	905	0	NR
390	2	NR	520	550	NR	650	508	NR	780	9	NR	910	0	NR
395	3	NR	525	571	NR	655	450	NR	785	7	NR	915	0	NR
400	5	NR	530	589	NR	660	395	NR	790	6	NR	920	0	NR
405	8	NR	535	610	NR	665	345	NR	795	5	NR	925	0	NR
410	13	NR	540	631	NR	670	299	NR	800	5	NR	930	0	NR
415	21	NR	545	656	NR	675	259	NR	805	4	NR	935	0	NR
420	37	NR	550	685	NR	680	223	NR	810	4	NR	940	0	NR
425	65	NR	555	717	NR	685	191	NR	815	3	NR	945	0	NR
430	114	NR	560	758	NR	690	164	NR	820	3	NR	950	0	NR
435	198	NR	565	799	NR	695	139	NR	825	2	NR	955	0	NR
440	359	NR	570	841	NR	700	118	NR	830	2	NR	960	0	NR
445	663	NR	575	883	NR	705	101	NR	835	2	NR	965	0	NR
450	782	NR	580	924	NR	710	86	NR	840	1	NR	970	0	NR
455	533	NR	585	954	NR	715	73	NR	845	1	NR	975	0	NR
460	398	NR	590	982	NR	720	62	NR	850	1	NR	980	0	NR
465	341	NR	595	999	NR	725	52	NR	855	1	NR	985	0	NR
470	244	NR	600	996	NR	730	44	NR	860	1	NR	990	0	NR
475	204	NR	605	984	NR	735	37	NR	865	1	NR	995	0	NR
480	214	NR	610	960	NR	740	32	NR	870	1	NR	1000	0	NR
485	236	NR	615	923	NR	745	27	NR	875	1	NR			

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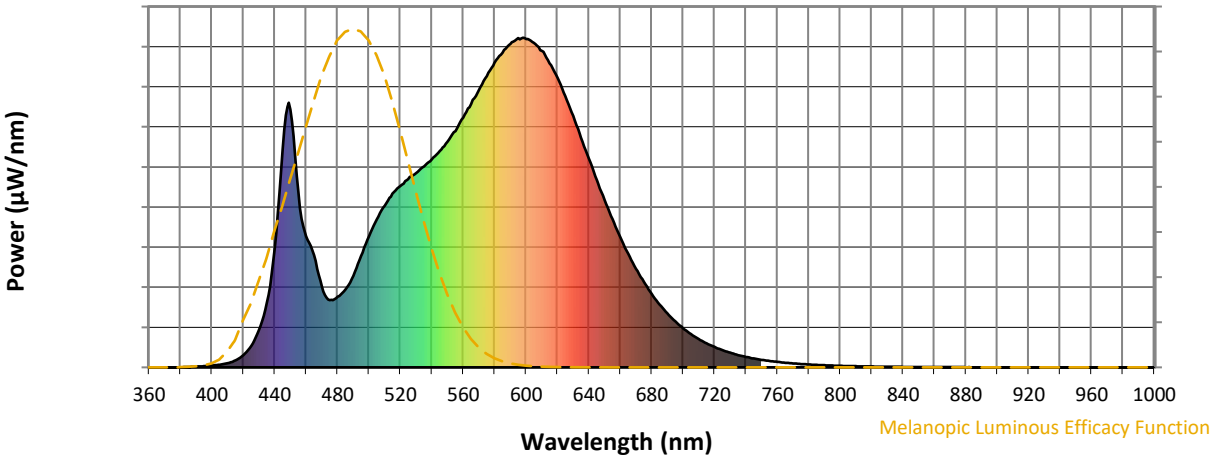
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.92**

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	278	NR	620	878	NR	750	23	NR	880	1	NR
365	0	NR	495	338	NR	625	823	NR	755	20	NR	885	0	NR
370	0	NR	500	398	NR	630	763	NR	760	17	NR	890	0	NR
375	0	NR	505	448	NR	635	697	NR	765	14	NR	895	0	NR
380	0	NR	510	490	NR	640	633	NR	770	12	NR	900	0	NR
385	1	NR	515	527	NR	645	568	NR	775	10	NR	905	0	NR
390	2	NR	520	550	NR	650	508	NR	780	9	NR	910	0	NR
395	3	NR	525	571	NR	655	450	NR	785	7	NR	915	0	NR
400	5	NR	530	589	NR	660	395	NR	790	6	NR	920	0	NR
405	8	NR	535	610	NR	665	345	NR	795	5	NR	925	0	NR
410	13	NR	540	631	NR	670	299	NR	800	5	NR	930	0	NR
415	21	NR	545	656	NR	675	259	NR	805	4	NR	935	0	NR
420	37	NR	550	685	NR	680	223	NR	810	4	NR	940	0	NR
425	65	NR	555	717	NR	685	191	NR	815	3	NR	945	0	NR
430	114	NR	560	758	NR	690	164	NR	820	3	NR	950	0	NR
435	198	NR	565	799	NR	695	139	NR	825	2	NR	955	0	NR
440	359	NR	570	841	NR	700	118	NR	830	2	NR	960	0	NR
445	663	NR	575	883	NR	705	101	NR	835	2	NR	965	0	NR
450	782	NR	580	924	NR	710	86	NR	840	1	NR	970	0	NR
455	533	NR	585	954	NR	715	73	NR	845	1	NR	975	0	NR
460	398	NR	590	982	NR	720	62	NR	850	1	NR	980	0	NR
465	341	NR	595	999	NR	725	52	NR	855	1	NR	985	0	NR
470	244	NR	600	996	NR	730	44	NR	860	1	NR	990	0	NR
475	204	NR	605	984	NR	735	37	NR	865	1	NR	995	0	NR
480	214	NR	610	960	NR	740	32	NR	870	1	NR	1000	0	NR
485	236	NR	615	923	NR	745	27	NR	875	1	NR			

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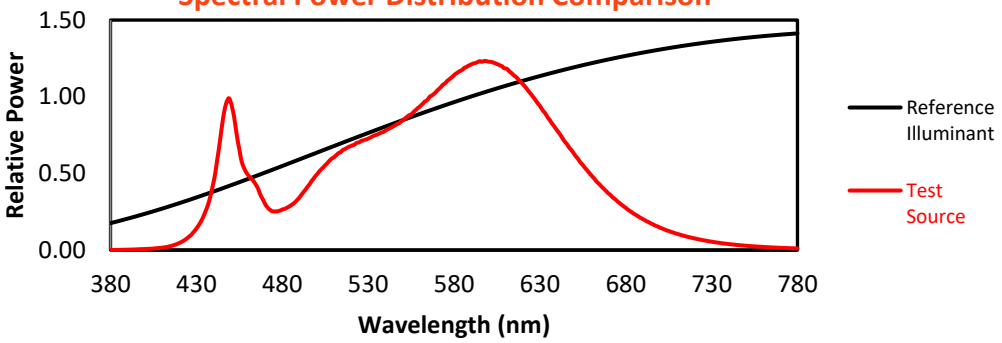
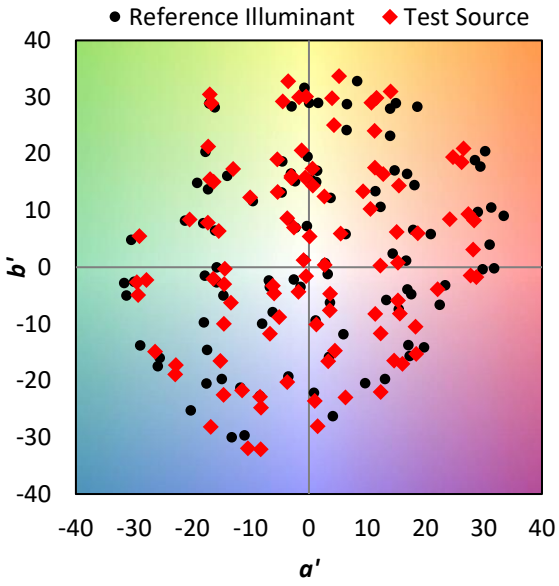
Summary

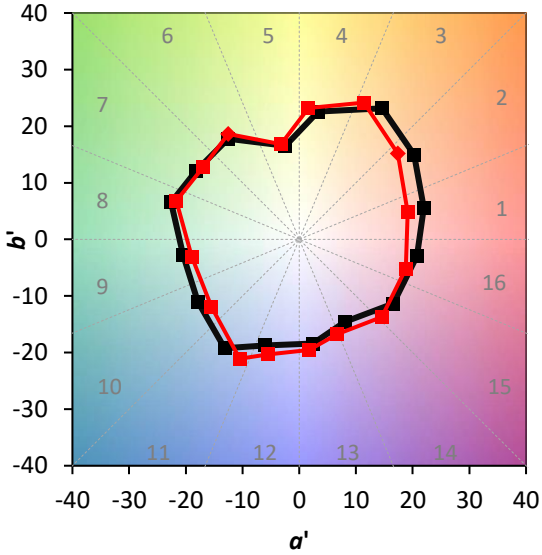
R_f = 83.9
R_g = 95.8
CIE R_a = 81.5
R_9 = -1.4

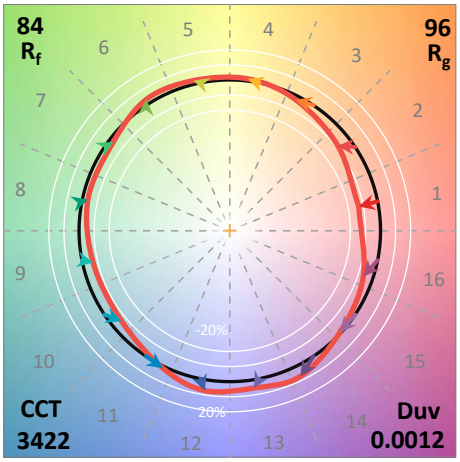
Spectral Power Distribution Comparison

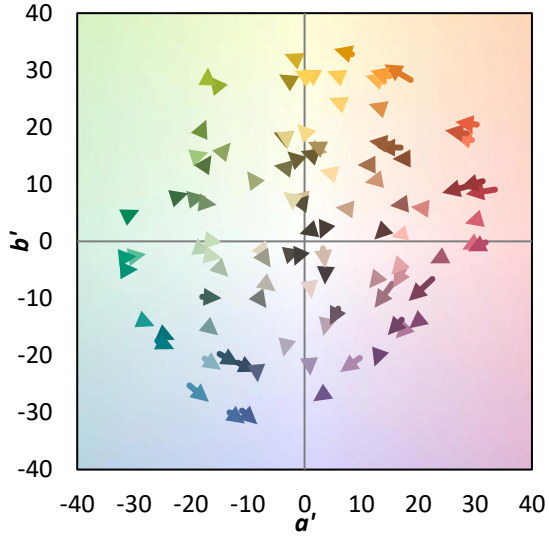


Color Vector Graphics









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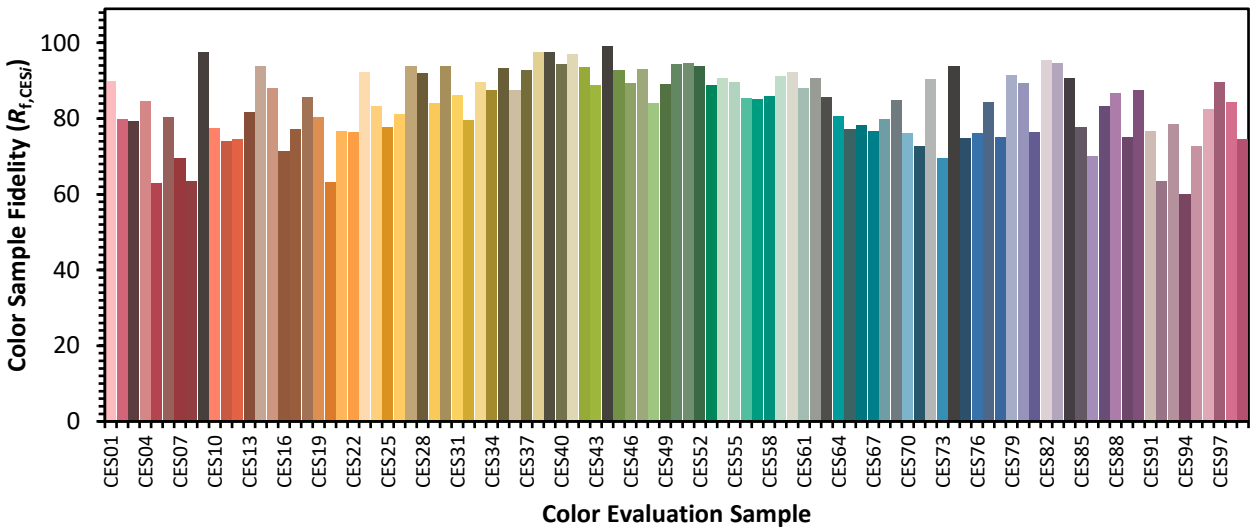
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 81	CES51 = 95	CES76 = 76
CES02 = 62	CES27 = 94	CES52 = 94	CES77 = 84
CES03 = 31	CES28 = 92	CES53 = 89	CES78 = 75
CES04 = 70	CES29 = 84	CES54 = 91	CES79 = 91
CES05 = 49	CES30 = 94	CES55 = 90	CES80 = 89
CES06 = 51	CES31 = 86	CES56 = 85	CES81 = 76
CES07 = 41	CES32 = 80	CES57 = 85	CES82 = 95
CES08 = 40	CES33 = 90	CES58 = 86	CES83 = 95
CES09 = 29	CES34 = 87	CES59 = 91	CES84 = 91
CES10 = 75	CES35 = 93	CES60 = 92	CES85 = 78
CES11 = 58	CES36 = 87	CES61 = 88	CES86 = 70
CES12 = 64	CES37 = 93	CES62 = 91	CES87 = 83
CES13 = 43	CES38 = 98	CES63 = 86	CES88 = 87
CES14 = 74	CES39 = 98	CES64 = 81	CES89 = 75
CES15 = 71	CES40 = 94	CES65 = 77	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 78	CES91 = 77
CES17 = 50	CES42 = 94	CES67 = 77	CES92 = 63
CES18 = 56	CES43 = 89	CES68 = 80	CES93 = 78
CES19 = 72	CES44 = 99	CES69 = 85	CES94 = 60
CES20 = 66	CES45 = 93	CES70 = 76	CES95 = 73
CES21 = 86	CES46 = 89	CES71 = 73	CES96 = 83
CES22 = 78	CES47 = 93	CES72 = 90	CES97 = 90
CES23 = 92	CES48 = 84	CES73 = 70	CES98 = 84
CES24 = 91	CES49 = 89	CES74 = 94	CES99 = 74
CES25 = 72	CES50 = 94	CES75 = 75	



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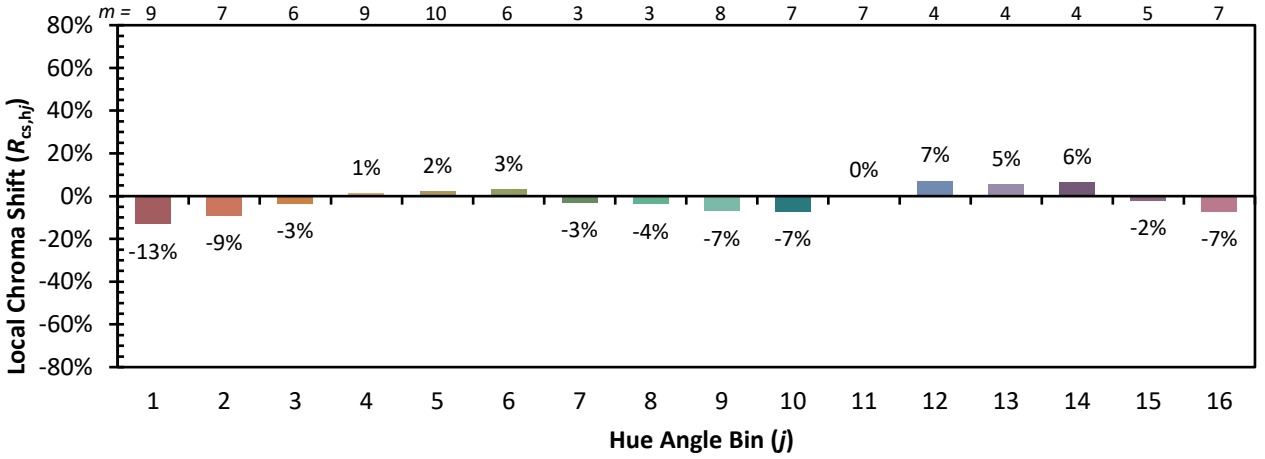
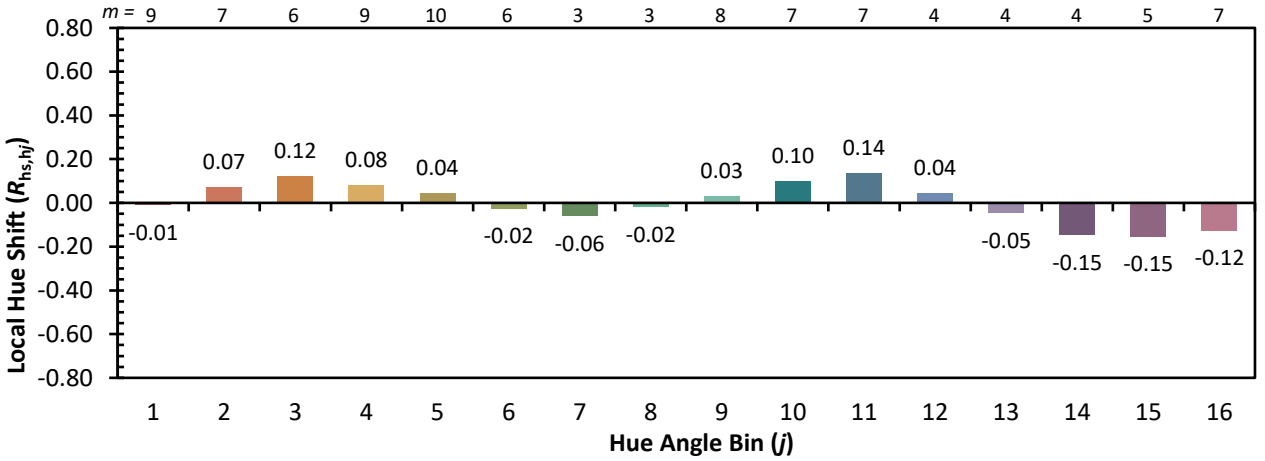
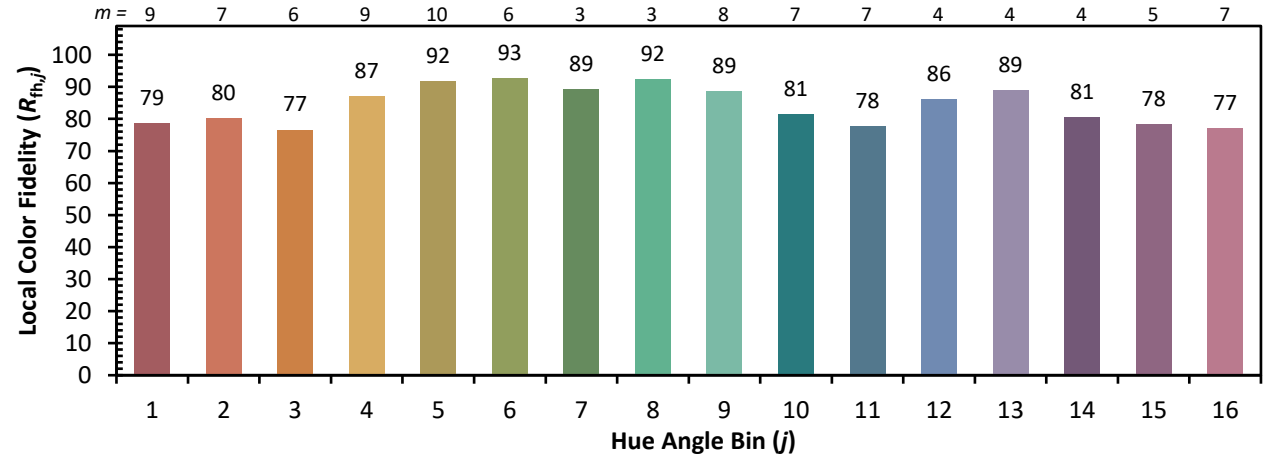
Color Rendition by Hue-Angle Bin







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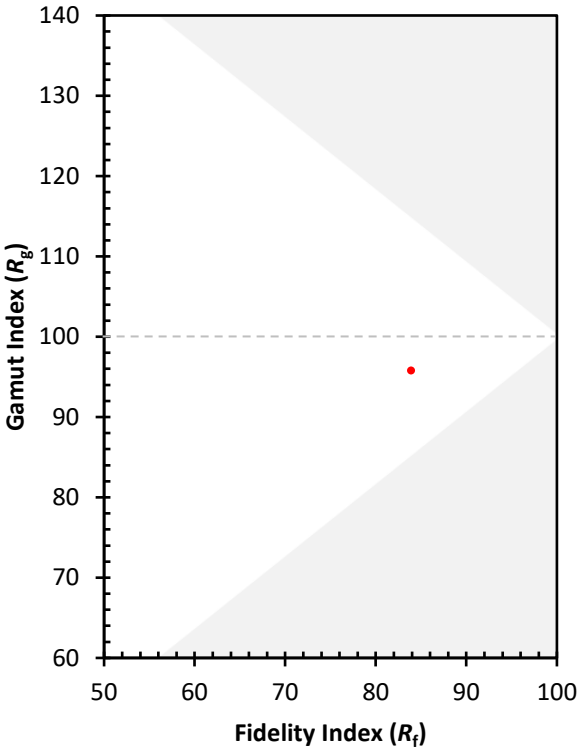
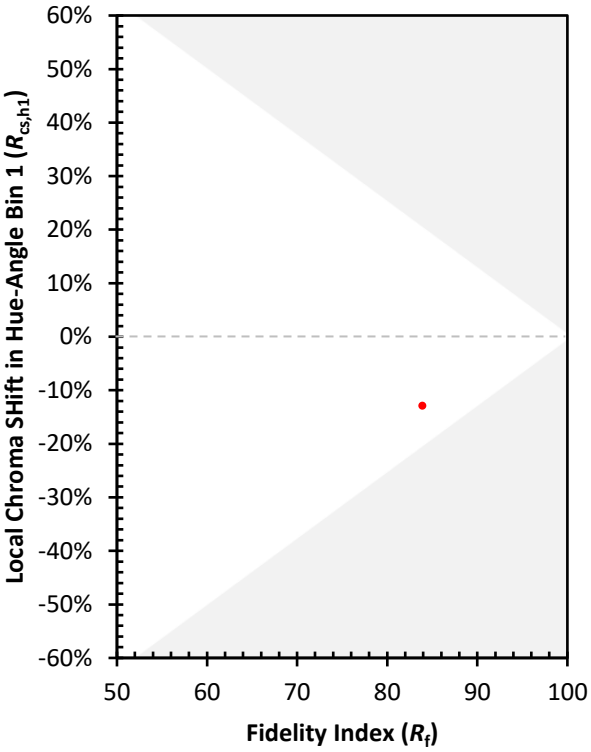
Measure Comparisons





(END OF REPORT)