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: P972346

Luminaire Tested: **GKO-PB1A-722-U-T2U**

Issue Date: 02/27/2025

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:	P972346
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1A-722-U-T2U
Description:	GEKKO WALL PACK 750LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(10) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	639.9 lumens
Efficiency:	N/A
Efficacy:	133.3 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B0 - U0 - G0

Input Watts (W):	4.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	16%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P972346
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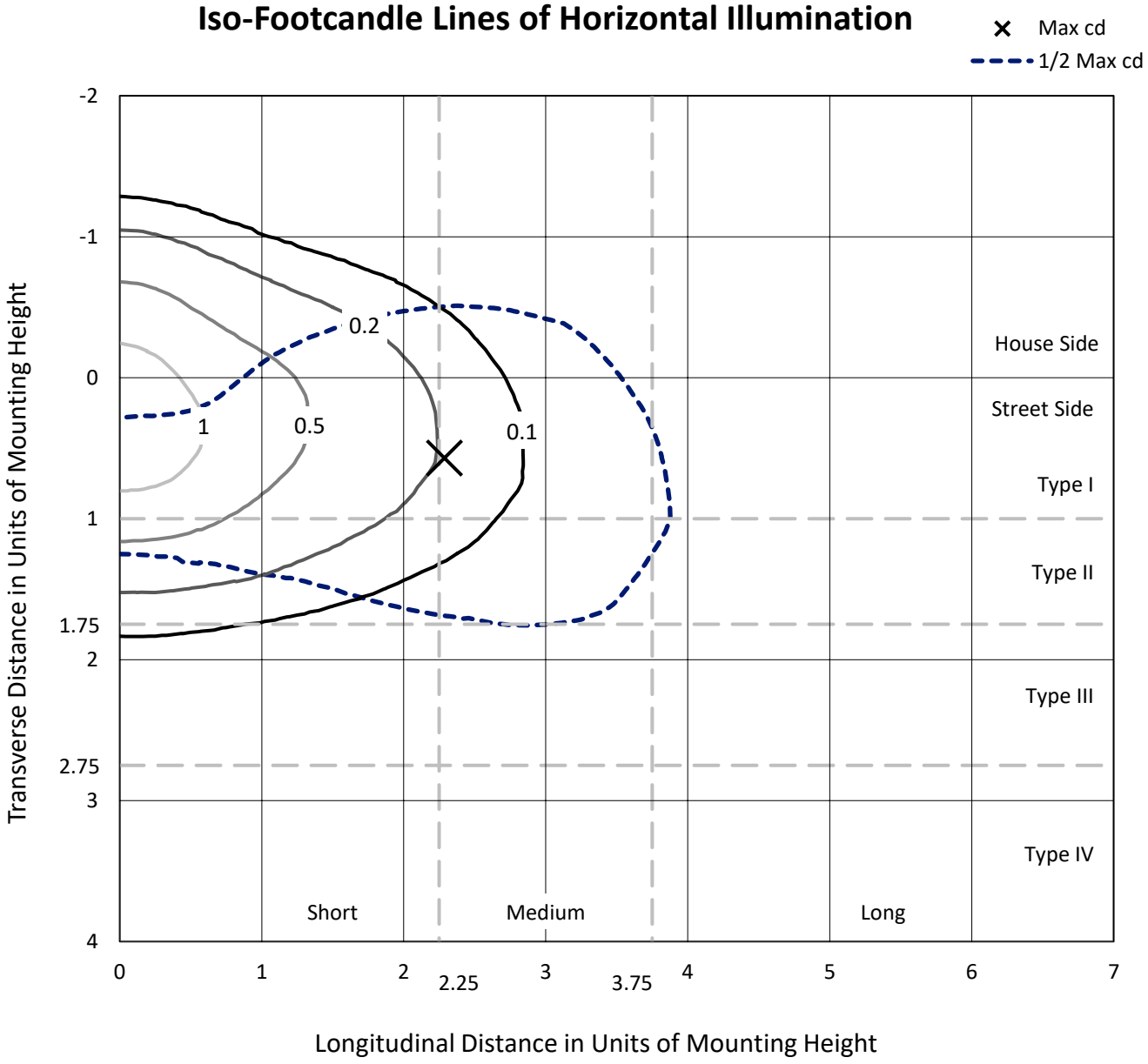
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 1.4 fc
Type II - Medium - N/A

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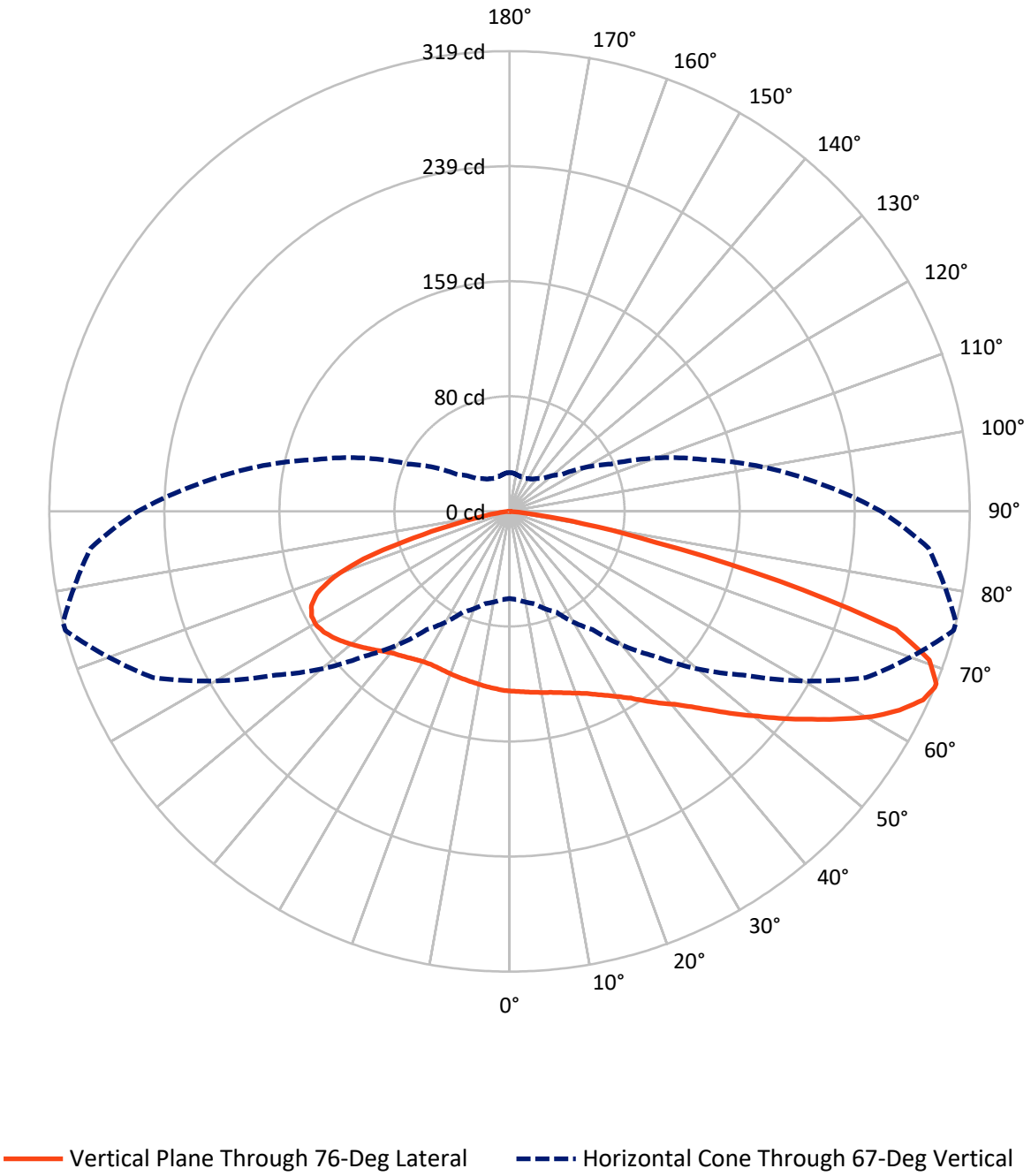
Luminous Intensity Polar Plot



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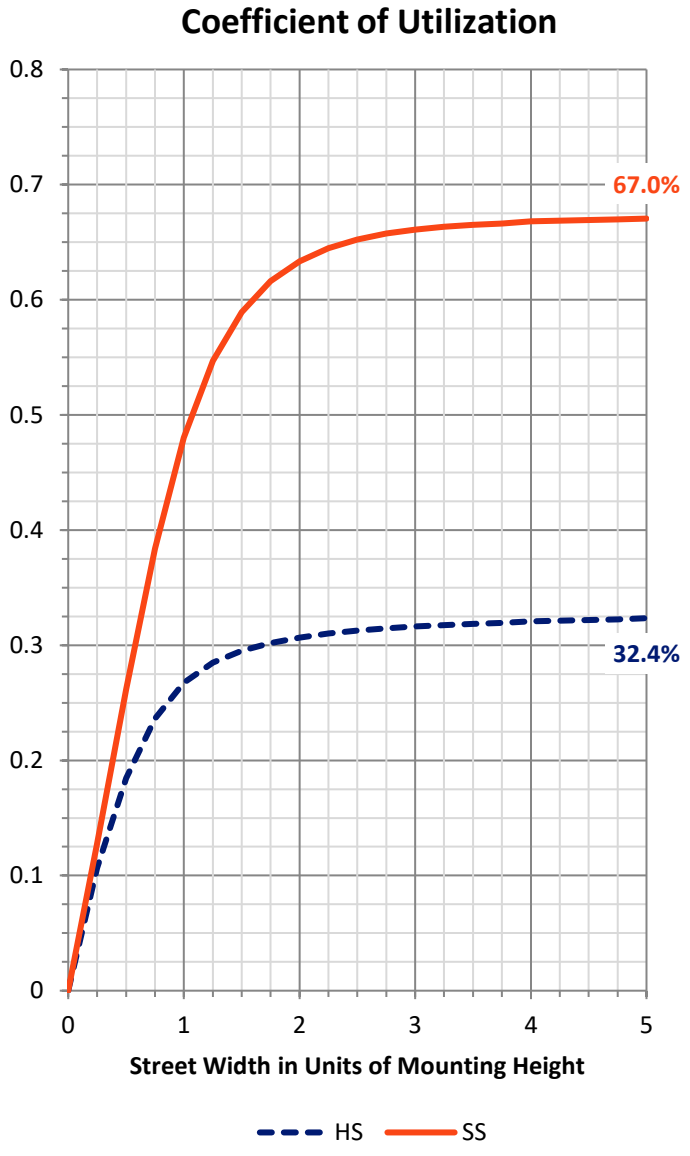
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	211.1	0.0	211.1
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	428.8	0.0	428.8
	% Fixture	67.0	0.0	67.0
Total	Lumens	639.9	0.0	639.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	1.9
10°-20°	36.6	5.7
20°-30°	62.9	9.8
30°-40°	90.4	14.1
40°-50°	114.7	17.9
50°-60°	125.9	19.7
60°-70°	122.1	19.1
70°-80°	67.4	10.5
80°-90°	7.8	1.2
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°	639.9	100.0
0°-180°	639.9	100.0



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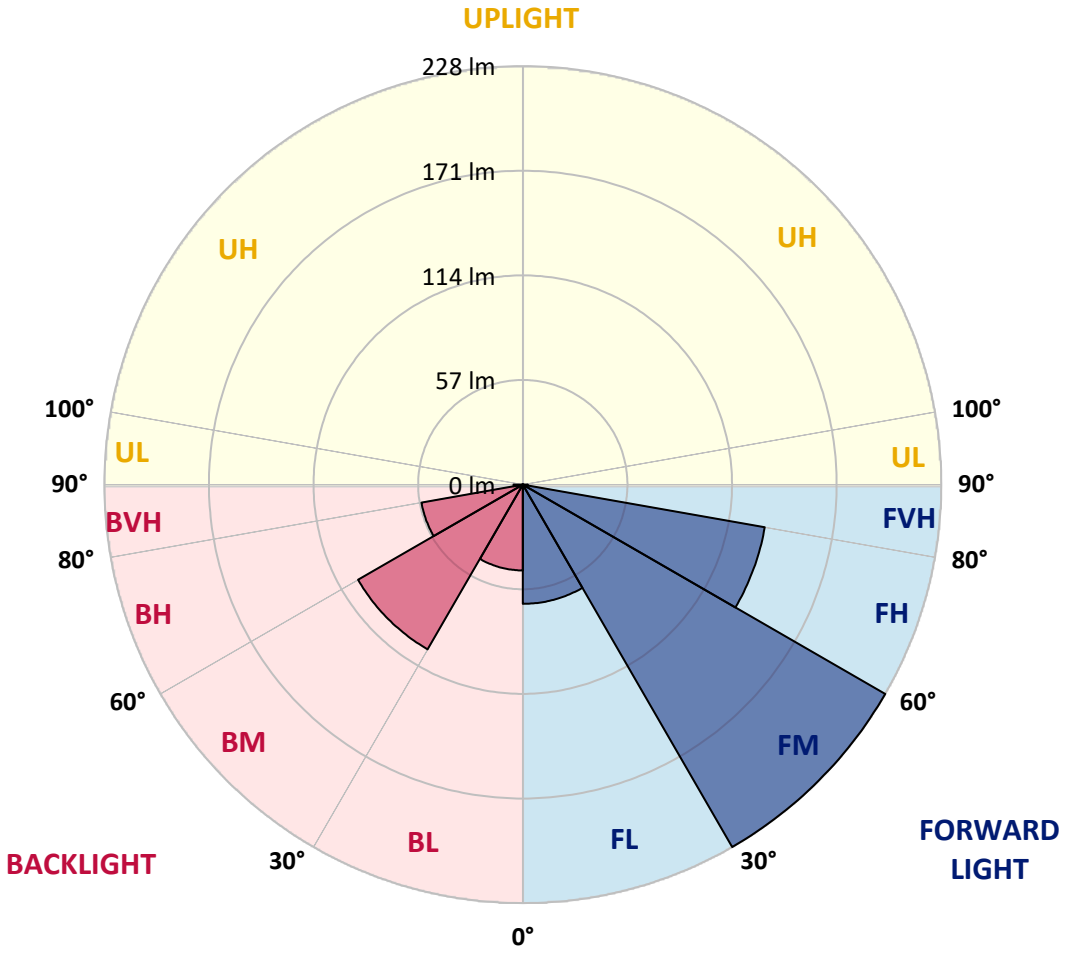
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	64.8	10.1			
FM	(30°-60°)	227.6	35.6			
FH	(60°-80°)	133.6	20.9			G0/660
FVH	(80°-90°)	2.8	0.4			G0/10
BL	(0°-30°)	46.6	7.3	B0/110		
BM	(30°-60°)	103.5	16.2	B0/220		
BH	(60°-80°)	56.0	8.7	B0/110		G0/110
BVH	(80°-90°)	5.1	0.8			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G0
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	*124.4*	124.4
2.5°	128.1	128.0	127.9	127.9	127.4	126.9	126.4	126.0	125.0	*124.9*	124.4
5°	131.9	131.9	131.6	131.4	130.7	129.5	128.4	127.2	125.9	*125.6*	124.5
7.5°	136.9	136.9	136.3	135.8	134.7	132.7	130.7	128.7	126.7	*126.5*	124.8
10°	143.2	143.2	142.7	141.6	139.2	136.6	133.4	130.3	127.7	*127.5*	125.0
12.5°	149.8	149.9	149.1	147.5	144.7	140.7	136.8	132.3	129.0	*128.6*	125.5
15°	156.4	156.6	156.1	154.3	150.5	145.7	140.4	135.0	130.6	*130.2*	126.2
17.5°	163.0	163.3	162.8	160.8	156.3	151.1	144.6	137.9	132.6	*132.1*	127.5
20°	169.2	169.2	169.2	167.0	162.6	156.7	149.1	141.3	134.8	*134.3*	129.0
22.5°	174.8	175.0	175.4	174.1	169.2	162.6	154.5	145.2	137.6	*137.0*	130.8
25°	180.3	180.5	181.5	180.6	175.8	169.0	160.2	150.0	141.1	*140.5*	133.1
27.5°	186.8	187.1	187.8	187.4	181.9	175.3	166.5	155.3	144.9	*144.3*	135.8
30°	194.3	194.3	194.7	194.1	188.6	181.9	172.8	160.9	149.8	*148.8*	139.1
32.5°	200.5	201.1	200.9	200.6	194.9	188.3	179.2	167.1	155.3	*154.1*	143.7
35°	206.3	206.5	206.3	206.6	200.9	194.6	186.0	174.3	161.5	*161.0*	149.5
37.5°	209.7	209.9	210.5	211.3	206.2	200.3	192.8	182.2	169.2	*168.3*	156.4
40°	211.3	211.7	215.0	216.1	210.7	205.7	200.0	189.4	176.6	*175.6*	163.4
42.5°	213.8	216.7	218.5	218.7	214.0	209.7	206.2	197.5	185.8	*184.9*	172.7
45°	205.6	204.5	209.1	214.4	214.1	212.3	212.1	206.7	197.0	*196.2*	183.2
47.5°	195.3	194.4	196.9	204.7	210.3	213.4	218.0	217.5	210.7	*209.4*	195.4
50°	170.8	172.3	184.4	195.1	204.7	213.8	222.9	228.7	223.9	*222.9*	208.4
52.5°	147.9	148.9	157.2	182.6	197.5	212.6	227.2	240.6	239.4	*238.3*	222.7
55°	131.8	132.8	146.1	162.3	186.9	206.9	230.1	251.9	255.1	*254.0*	237.8
57.5°	115.0	116.6	125.6	139.9	172.7	197.5	231.1	263.3	272.2	*271.2*	252.2
60°	98.8	101.0	106.3	121.8	155.1	186.4	228.5	272.4	288.6	*288.6*	267.2
62.5°	83.8	85.0	90.6	104.6	132.8	172.2	221.9	278.2	303.7	*303.1*	280.3
65°	71.4	72.0	76.5	88.5	114.1	156.4	210.5	277.9	314.5	*314.6*	289.0
67°	*60.3*	*61.3*	*66.2*	*77.1*	*99.9*	*141.6*	*197.4*	*272.3*	*318.3*	*318.6*	*291.1*
67.5°	56.4	57.6	63.0	74.3	96.9	137.5	194.3	269.9	318.1	*318.6*	290.5
70°	38.9	39.1	48.3	61.1	79.7	115.9	172.9	253.6	308.7	*308.3*	277.0
72.5°	24.8	24.4	33.2	44.7	64.1	93.8	145.9	225.0	280.1	*279.7*	244.2
75°	16.5	16.8	22.4	31.9	45.1	72.5	113.7	169.8	194.6	*193.1*	161.2
77.5°	11.8	11.5	13.9	23.0	30.2	44.1	61.8	90.4	103.4	*103.4*	88.5
80°	6.4	6.6	7.6	12.7	17.1	17.2	23.1	45.3	50.5	*51.6*	42.9
82.5°	1.9	2.0	2.7	4.3	4.7	5.2	8.0	13.0	13.6	*14.4*	11.6
85°	0.0	0.0	0.0	0.1	0.5	0.6	0.6	0.7	1.2	*1.2*	1.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.5	*0.5*	0.6
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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REPORT NUMBER: P972346
CATALOG NUMBER: GKO-PB1A-722-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4	124.4
2.5°	124.3	124.4	123.9	123.3	122.8	122.5	121.8	121.2	121.5	121.9	121.9
5°	124.1	124.0	123.0	121.9	121.2	120.7	119.4	118.6	118.7	119.1	118.9
7.5°	124.1	123.6	122.3	120.7	119.4	118.5	116.8	115.9	115.7	116.0	115.7
10°	124.3	123.4	121.5	119.3	117.6	116.1	114.1	113.0	112.6	112.8	112.5
12.5°	124.5	123.2	120.8	118.0	115.7	113.7	111.5	110.2	109.9	110.2	110.2
15°	124.9	123.2	120.2	116.7	113.7	111.5	109.3	108.1	108.1	108.2	108.2
17.5°	125.6	123.5	119.7	115.4	111.8	109.3	107.3	106.4	106.6	106.9	106.9
20°	126.4	124.0	119.2	114.0	110.0	107.2	105.6	105.0	105.5	105.9	105.9
22.5°	127.5	124.6	118.7	112.8	108.1	105.2	103.8	103.4	103.8	104.5	104.2
25°	129.2	125.8	118.3	111.6	106.2	103.1	101.7	101.2	101.5	102.0	102.0
27.5°	131.2	127.1	118.2	110.3	104.0	100.6	99.0	98.3	98.3	98.4	98.5
30°	134.5	129.5	118.7	109.3	102.0	98.0	95.9	94.8	94.7	95.2	95.2
32.5°	138.5	132.7	119.9	108.4	100.0	94.9	92.1	91.2	91.0	91.3	91.0
35°	143.0	136.3	121.5	108.3	98.0	91.6	88.4	87.4	86.6	86.4	86.1
37.5°	149.3	141.2	123.2	107.7	96.0	88.0	84.5	82.4	81.6	81.3	81.3
40°	155.5	146.1	125.1	106.7	93.7	84.4	79.5	77.1	76.7	76.7	76.7
42.5°	163.3	152.4	127.9	106.1	90.8	80.8	74.0	71.3	71.3	71.3	71.2
45°	172.9	160.7	131.3	105.8	88.1	76.5	68.2	64.6	64.5	64.4	64.2
47.5°	184.2	169.3	134.7	105.2	84.9	71.3	61.5	57.6	56.7	56.4	56.1
50°	195.8	178.7	138.3	104.3	81.1	65.2	55.2	50.6	48.8	48.1	48.4
52.5°	208.2	187.9	141.7	103.1	76.5	59.2	48.8	43.9	42.1	41.3	41.2
55°	220.3	197.2	144.9	101.5	71.5	53.0	43.3	38.6	37.0	36.8	36.8
57.5°	232.6	206.1	147.4	99.1	66.1	47.5	38.6	34.8	33.7	34.2	34.2
60°	243.7	213.9	148.7	95.9	60.6	42.6	34.9	32.1	31.6	32.8	32.7
62.5°	253.7	219.1	148.0	91.2	55.3	38.4	32.1	30.0	30.1	31.6	31.7
65°	258.6	219.9	144.4	84.8	49.4	34.8	29.1	27.1	27.4	29.0	29.3
67°	*257.4*	*216.6*	*138.5*	*77.5*	*44.6*	*32.1*	*27.2*	*25.2*	*25.4*	*26.7*	*26.9*
67.5°	256.2	215.0	136.9	75.3	43.3	31.6	26.7	24.9	25.1	26.4	26.4
70°	239.7	198.7	122.0	63.9	37.5	28.1	24.4	23.1	23.4	24.1	24.1
72.5°	209.5	172.0	98.8	51.2	31.8	24.9	22.0	21.3	21.3	21.3	20.7
75°	133.7	107.8	64.6	39.2	26.2	21.3	19.8	18.9	18.4	19.2	18.9
77.5°	73.9	56.3	33.7	22.5	18.9	17.7	17.2	16.8	16.7	18.4	17.9
80°	35.0	27.8	18.9	12.9	10.9	13.1	14.9	14.6	17.5	23.9	24.0
82.5°	11.1	9.2	7.7	7.1	7.3	9.4	11.5	13.2	22.7	25.6	25.2
85°	1.4	1.2	0.9	2.8	4.8	6.9	8.9	17.2	20.8	17.3	16.3
87.5°	0.5	0.5	0.5	2.0	3.7	5.3	8.0	17.3	12.7	11.6	10.6
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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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: SP2-2501-321-2

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-722-U-T4W

Data in this report applies to families of products including GKO-PB1E-722-U-T4W

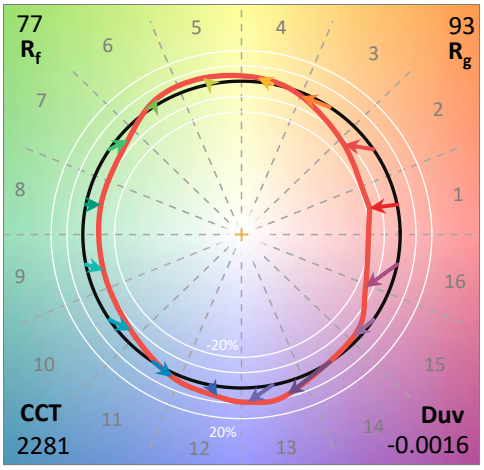
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-2
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP2 - 165CM SPHERE
Measurement Geometry:	4π
Issue Date:	04/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GKO-PB1E-722-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2281	CRI (Ra):	70.6		
CIE u':	0.2851	R1:	68.4	R9:	-35.1
CIE v':	0.5324	R2:	88.7	R10:	78.0
Duv:	-0.0016	R3:	85.7	R11:	60.2
CIE x:	0.4942	R4:	63.2	R12:	73.8
CIE y:	0.4102	R5:	69.0	R13:	72.8
CIE z:	0.0956	R6:	88.6	R14:	92.4
Peak Wavelength (nm):	602	R7:	68.8	R15:	58.4
Dominant Wavelength (nm):	587	R8:	32.6		
Purity:	71.48321				
Rf:	76.9				
Rg:	92.6				



Test Conditions

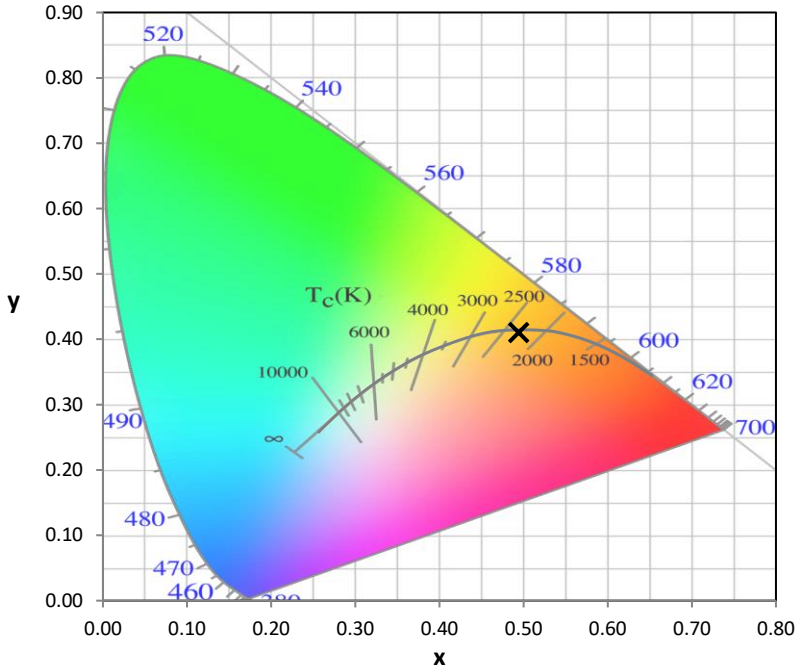
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

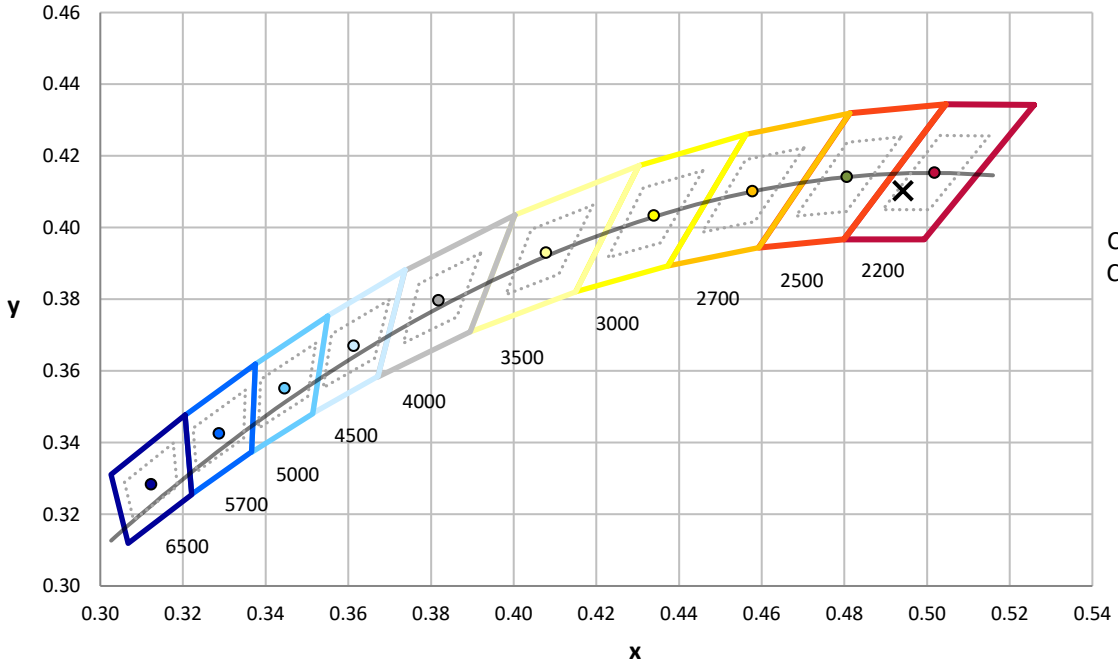
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP2-2501-321-2

CIE 1931 Chromaticity Diagram



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

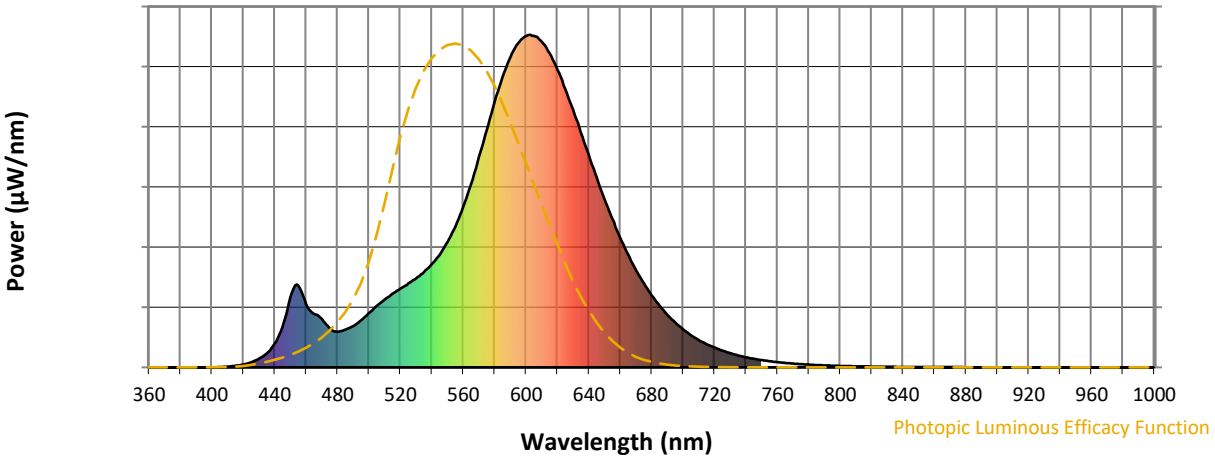


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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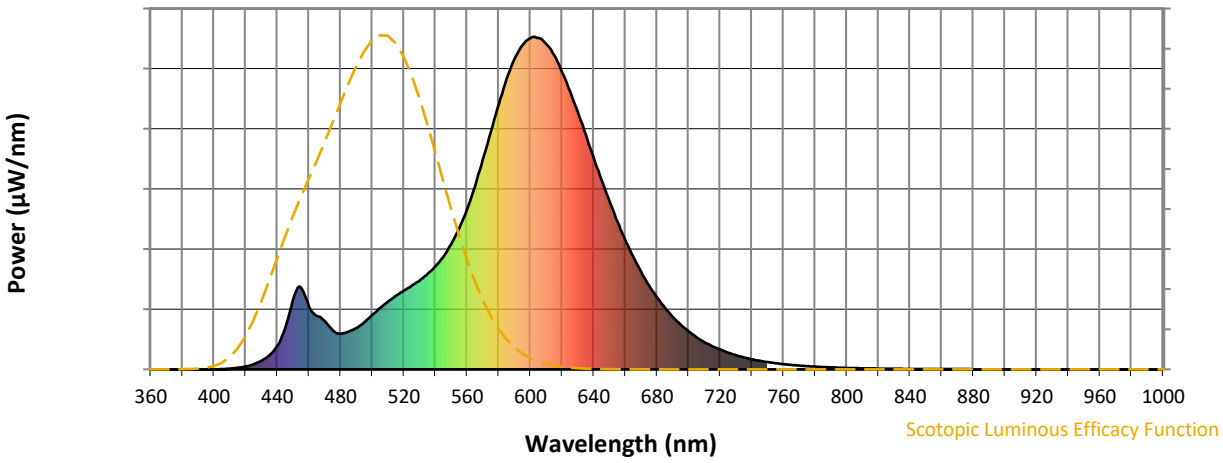
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 0.98**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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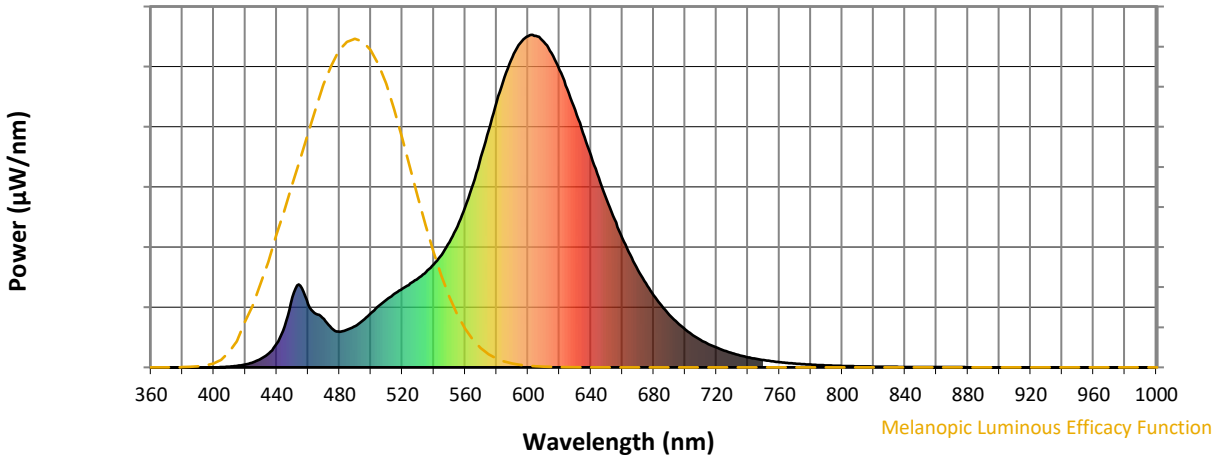
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.75**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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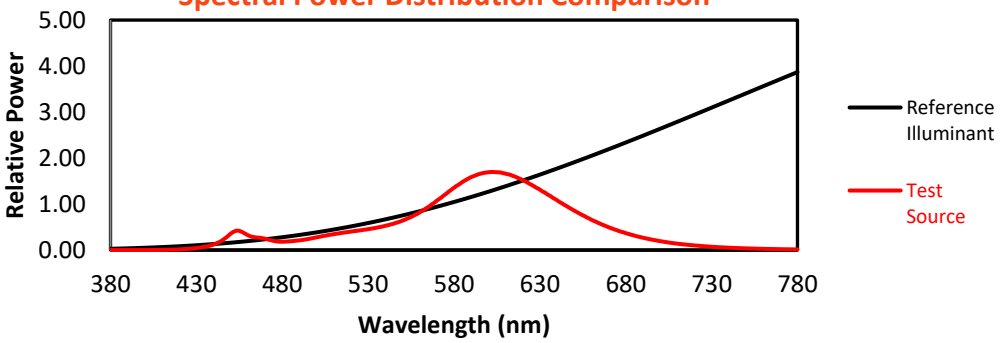
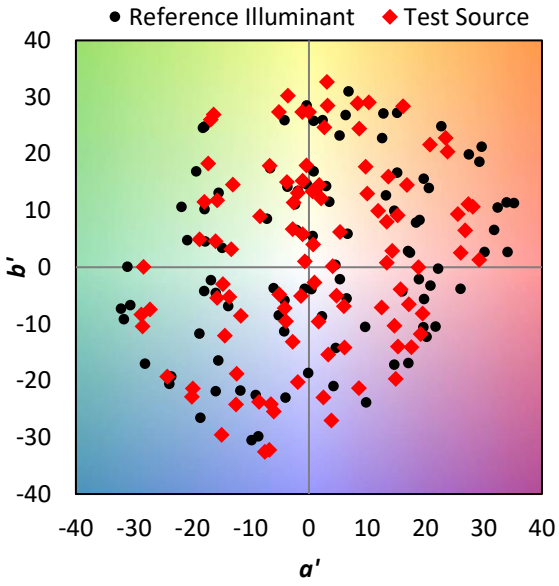
Summary

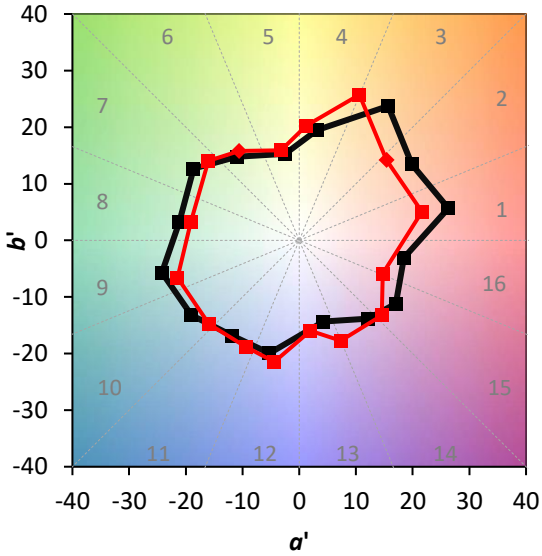
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

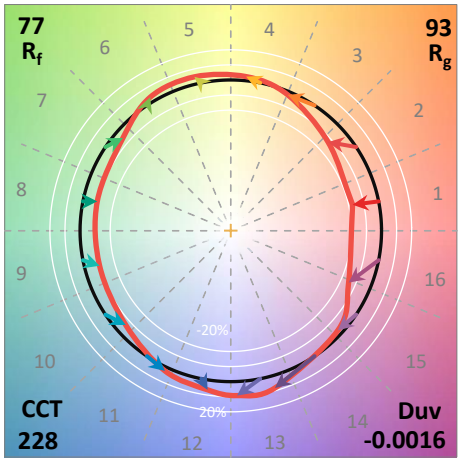
Spectral Power Distribution Comparison

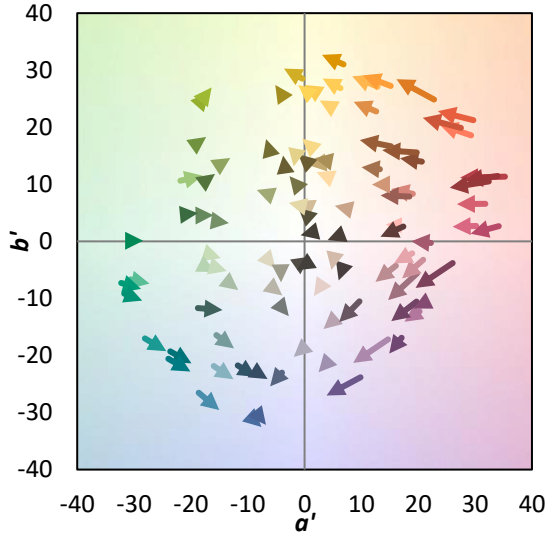


Color Vector Graphics









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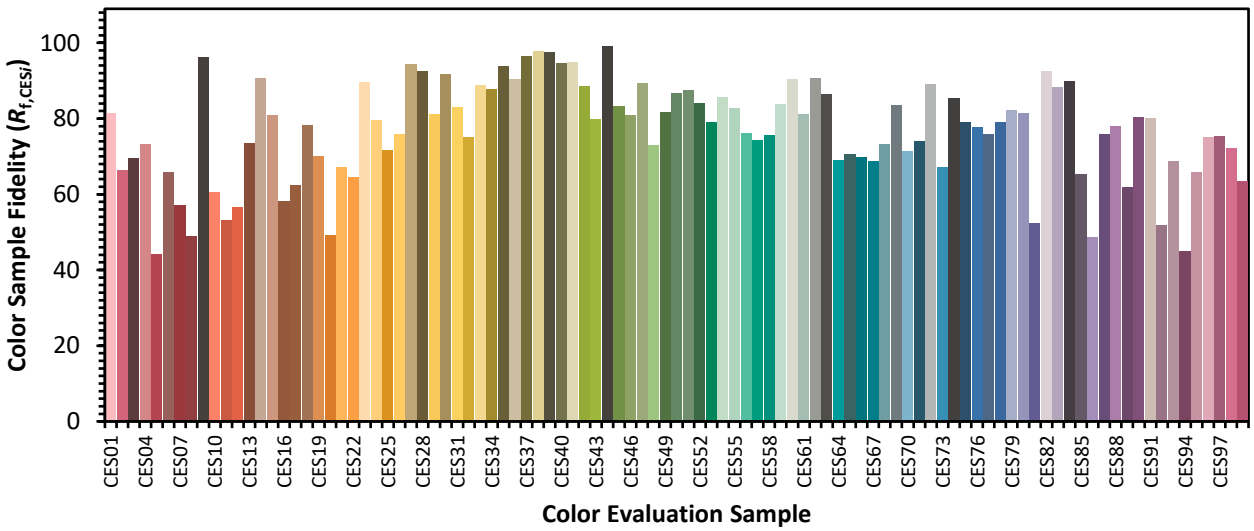
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 92
CES08 = 42	CES33 = 89	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 88	CES59 = 84	CES84 = 90
CES10 = 79	CES35 = 94	CES60 = 91	CES85 = 65
CES11 = 62	CES36 = 90	CES61 = 81	CES86 = 49
CES12 = 68	CES37 = 96	CES62 = 91	CES87 = 76
CES13 = 44	CES38 = 98	CES63 = 86	CES88 = 78
CES14 = 75	CES39 = 98	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 95	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 95	CES66 = 70	CES91 = 80
CES17 = 51	CES42 = 89	CES67 = 69	CES92 = 52
CES18 = 57	CES43 = 80	CES68 = 73	CES93 = 69
CES19 = 74	CES44 = 99	CES69 = 84	CES94 = 45
CES20 = 68	CES45 = 83	CES70 = 71	CES95 = 66
CES21 = 88	CES46 = 81	CES71 = 74	CES96 = 75
CES22 = 81	CES47 = 89	CES72 = 89	CES97 = 75
CES23 = 92	CES48 = 73	CES73 = 67	CES98 = 72
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 64
CES25 = 73	CES50 = 87	CES75 = 79	



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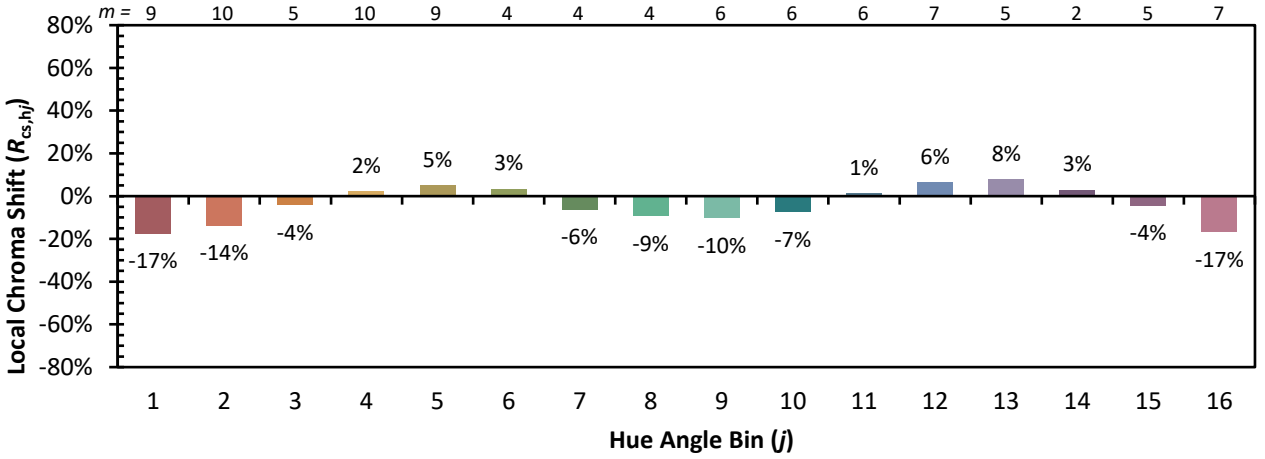
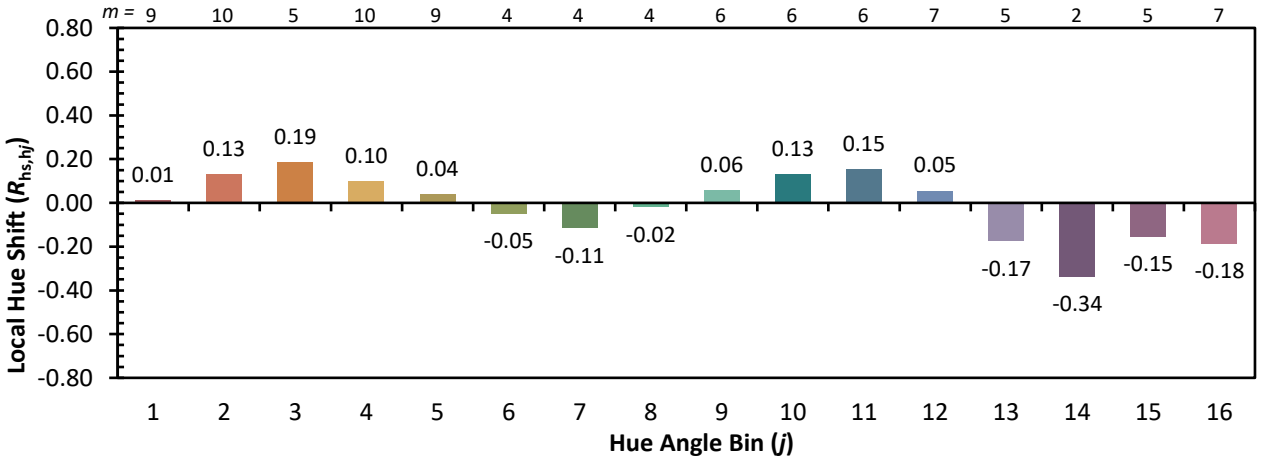
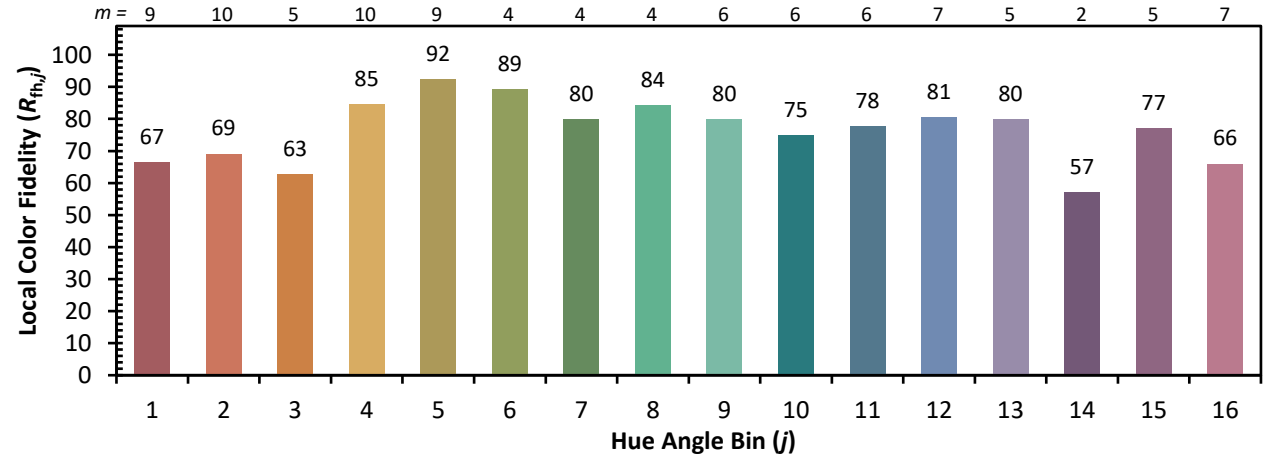
Color Rendition by Hue-Angle Bin







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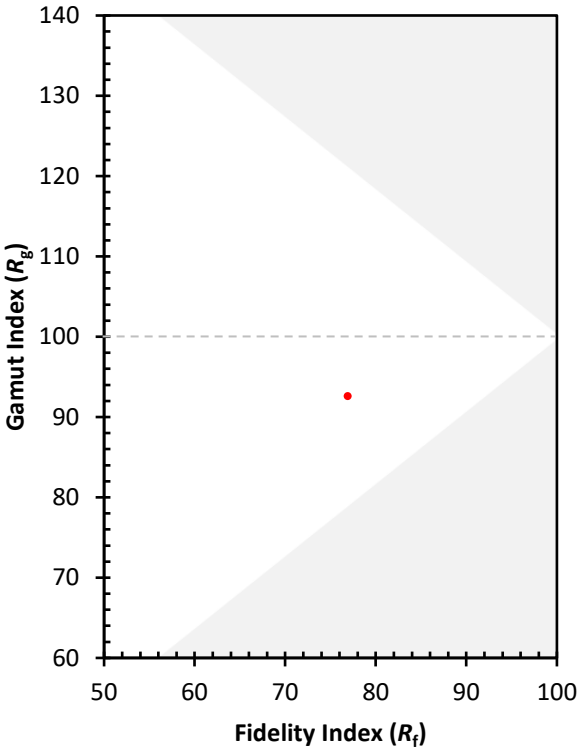
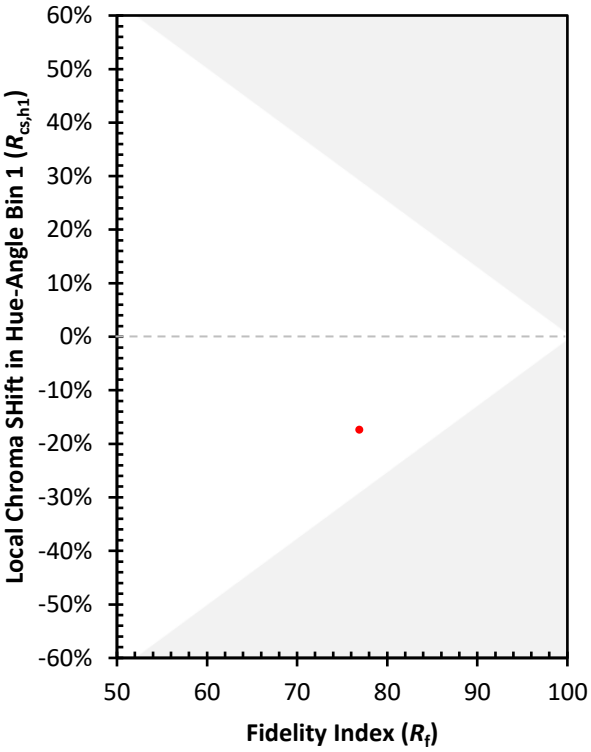
Measure Comparisons





(END OF REPORT)