

Signify Classified - Internal
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: P972355

Luminaire Tested: **GKO-PB1B-727-U-T2U**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972355
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1B-727-U-T2U
Description: GEKKO WALL PACK 1500LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1380.7 lumens
Efficiency: N/A
Efficacy: 148.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G1

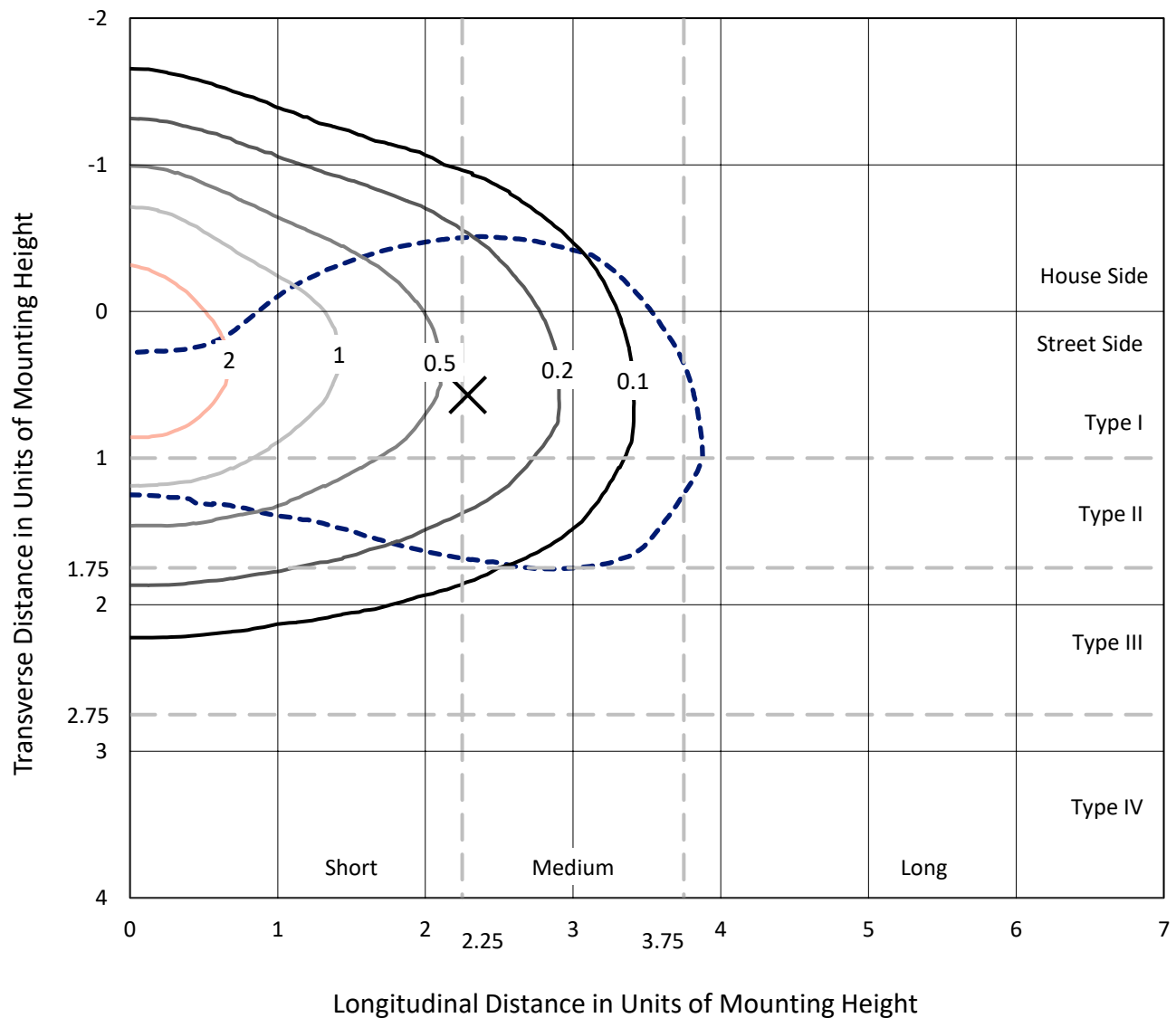
Input Watts (W): 9.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 14%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P972355

CATALOG NUMBER: GKO-PB1B-727-U-T2U

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

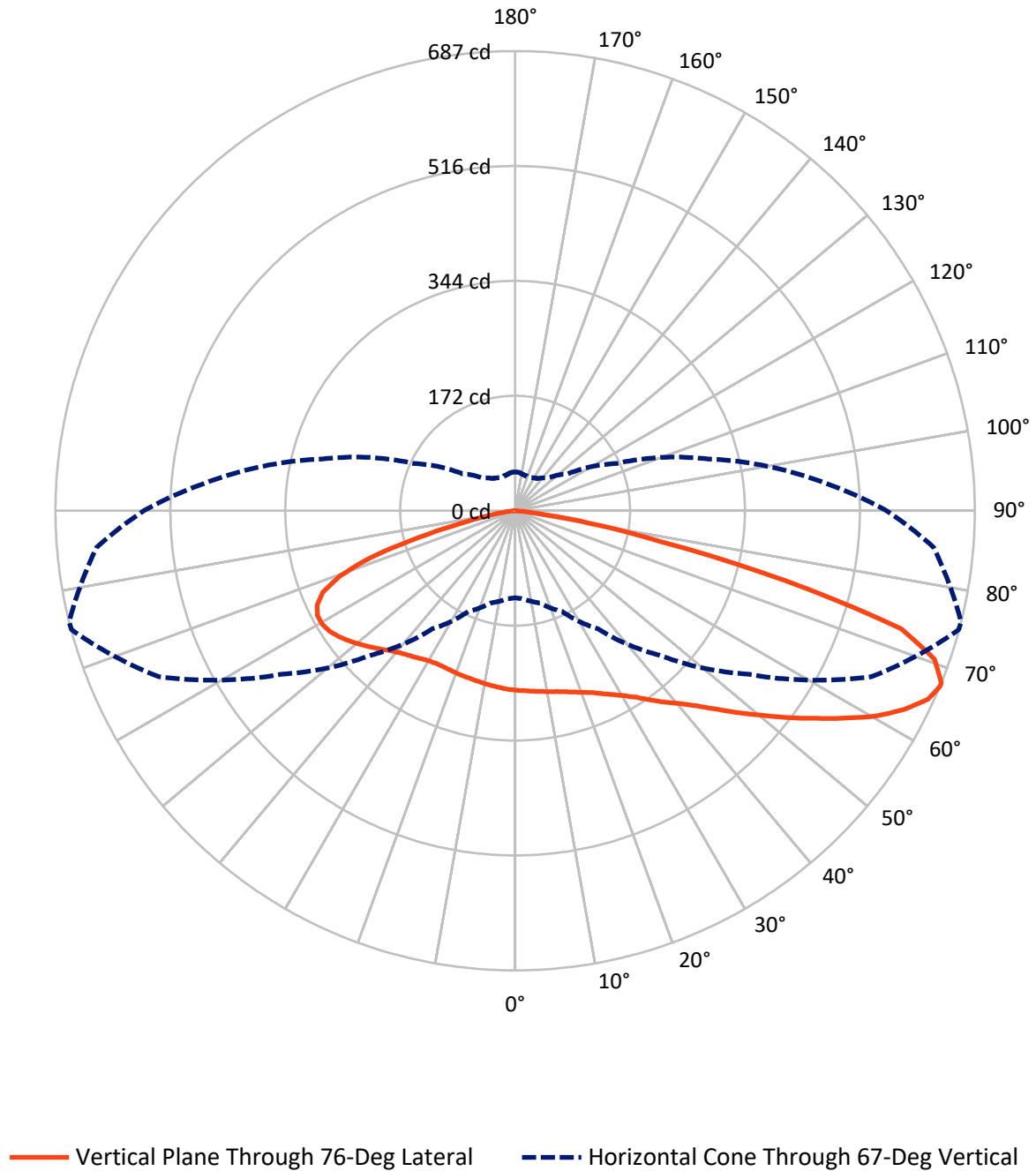


Based on 10 foot mounting height. Maximum calculated value = 3 fc
 Type II - Medium - N/A

REPORT NUMBER: P972355

CATALOG NUMBER: GKO-PB1B-727-U-T2U

Luminous Intensity Polar Plot



REPORT NUMBER: P972355

CATALOG NUMBER: GKO-PB1B-727-U-T2U

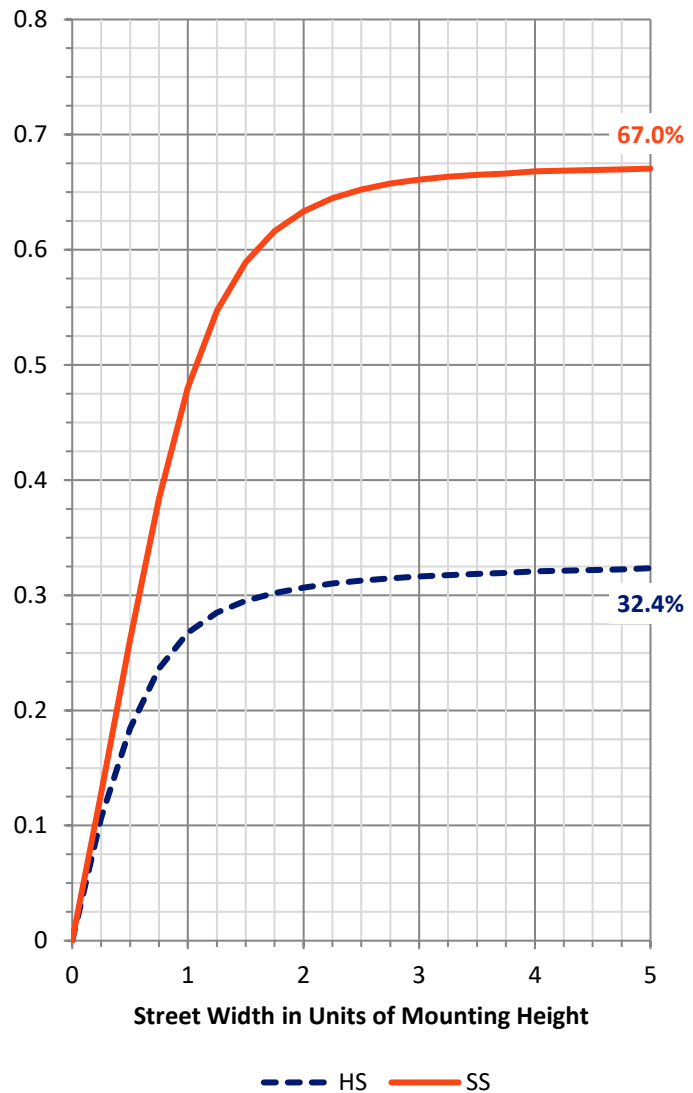
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	455.5	0.0	455.5
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	925.2	0.0	925.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	1380.7	0.0	1380.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.8	1.9
10°-20°	78.9	5.7
20°-30°	135.8	9.8
30°-40°	195.1	14.1
40°-50°	247.4	17.9
50°-60°	271.7	19.7
60°-70°	263.5	19.1
70°-80°	145.5	10.5
80°-90°	16.9	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°	1380.7	100.0
0°-180°	1380.7	100.0



REPORT NUMBER: P972355

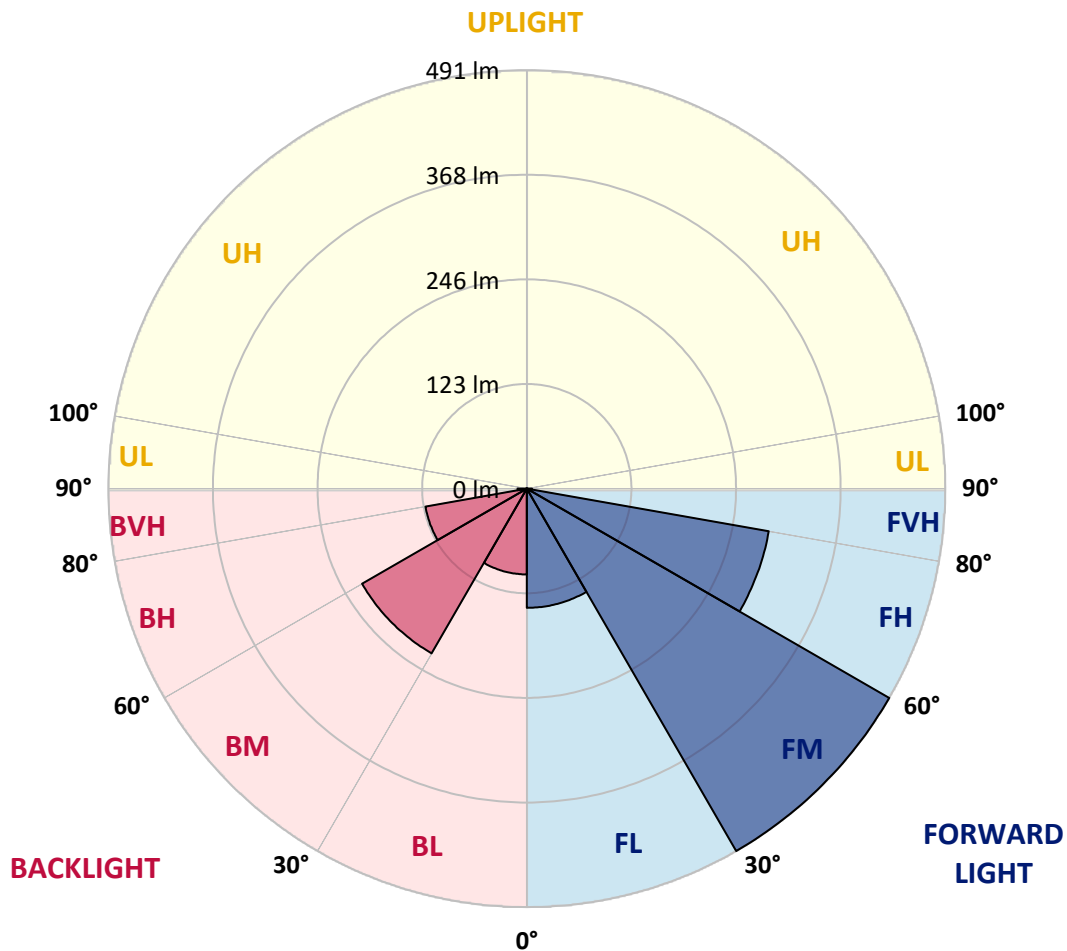
CATALOG NUMBER: GKO-PB1B-727-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	139.9	10.1			
FM	(30°-60°)	491.1	35.6			
FH	(60°-80°)	288.3	20.9			G0/660
FVH	(80°-90°)	6.0	0.4			G0/10
BL	(0°-30°)	100.6	7.3	B0/110		
BM	(30°-60°)	223.2	16.2	B1/1000		
BH	(60°-80°)	120.7	8.7	B1/500		G1/500
BVH	(80°-90°)	10.9	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type II Medium



REPORT NUMBER: P972355

CATALOG NUMBER: GKO-PB1B-727-U-T2U

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	268.4	268.4	268.4	268.4	268.4	268.4	268.4	268.4	268.4	268.4	268.4
2.5°	276.4	276.1	275.9	275.9	274.8	273.7	272.7	271.9	269.7	269.5	268.4
5°	284.7	284.7	283.9	283.6	282.0	279.3	276.9	274.5	271.6	271.1	268.7
7.5°	295.4	295.4	294.0	293.0	290.6	286.3	282.0	277.7	273.5	272.9	269.2
10°	309.0	309.0	307.9	305.5	300.4	294.8	287.9	281.2	275.6	275.1	269.7
12.5°	323.1	323.4	321.8	318.3	312.2	303.6	295.1	285.5	278.3	277.5	270.8
15°	337.6	337.8	336.8	333.0	324.7	314.3	302.8	291.4	281.7	280.9	272.4
17.5°	351.7	352.2	351.2	346.9	337.3	326.1	311.9	297.5	286.0	285.0	275.1
20°	365.1	365.1	365.1	360.3	350.9	338.1	321.8	305.0	290.8	289.8	278.3
22.5°	377.1	377.6	378.4	375.8	365.1	350.9	333.3	313.3	297.0	295.6	282.3
25°	389.1	389.4	391.5	389.6	379.2	364.5	345.6	323.7	304.4	303.1	287.1
27.5°	403.0	403.8	405.1	404.3	392.6	378.2	359.2	335.2	312.7	311.4	293.0
30°	419.3	419.3	420.1	418.7	407.0	392.6	372.8	347.2	323.1	321.0	300.2
32.5°	432.6	434.0	433.4	432.9	420.6	406.2	386.7	360.5	335.2	332.5	310.1
35°	445.2	445.5	445.2	445.7	433.4	419.8	401.4	376.0	348.5	347.4	322.6
37.5°	452.4	452.9	454.3	455.9	444.9	432.1	416.1	393.1	365.1	363.2	337.6
40°	455.9	456.7	463.9	466.3	454.5	443.9	431.6	408.6	381.1	379.0	352.5
42.5°	461.2	467.6	471.4	471.9	461.7	452.4	444.9	426.2	400.9	399.0	372.5
45°	443.6	441.2	451.1	462.5	462.0	458.0	457.7	446.0	425.2	423.3	395.2
47.5°	421.4	419.5	424.9	441.7	453.7	460.4	470.3	469.2	454.5	451.9	421.7
50°	368.5	371.7	397.9	420.9	441.7	461.2	481.0	493.5	483.1	481.0	449.7
52.5°	319.1	321.3	339.2	393.9	426.2	458.8	490.3	519.2	516.5	514.1	480.4
55°	284.4	286.6	315.1	350.1	403.3	446.5	496.5	543.5	550.4	548.0	513.0
57.5°	248.1	251.6	271.1	301.8	372.5	426.2	498.6	568.0	587.3	585.1	544.3
60°	213.1	217.9	229.4	262.8	334.6	402.2	493.0	587.8	622.8	622.8	576.6
62.5°	180.8	183.5	195.5	225.7	286.6	371.5	478.8	600.3	655.4	654.0	604.9
65°	154.1	155.4	165.0	190.9	246.2	337.6	454.3	599.5	678.6	678.9	623.6
67°	130.1	132.2	142.9	166.4	215.5	305.5	426.0	587.5	686.9	687.4	628.1
67.5°	121.8	124.2	135.9	160.2	209.1	296.7	419.3	582.5	686.3	687.4	626.8
70°	83.9	84.4	104.2	131.9	172.0	250.0	373.1	547.2	666.0	665.2	597.7
72.5°	53.4	52.6	71.6	96.4	138.3	202.4	314.9	485.5	604.4	603.6	526.9
75°	35.5	36.3	48.3	68.9	97.2	156.5	245.4	366.4	419.8	416.6	347.7
77.5°	25.4	24.8	29.9	49.7	65.2	95.1	133.3	195.0	223.0	223.0	190.9
80°	13.9	14.2	16.3	27.5	36.9	37.1	49.9	97.7	109.0	111.4	92.7
82.5°	4.0	4.3	5.9	9.3	10.1	11.2	17.4	28.0	29.4	31.0	25.1
85°	0.0	0.0	0.0	0.3	1.1	1.3	1.3	1.6	2.7	2.7	2.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	1.1	1.1	1.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P972355

CATALOG NUMBER: GKO-PB1B-727-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	268.4	268.4	268.4	268.4	268.4	268.4	268.4	268.4	268.4	268.4	268.4
2.5°	268.1	268.4	267.3	266.0	264.9	264.4	262.8	261.4	262.3	263.1	263.1
5°	267.9	267.6	265.5	263.1	261.4	260.4	257.7	255.8	256.1	256.9	256.6
7.5°	267.9	266.8	263.9	260.4	257.7	255.6	252.1	250.0	249.7	250.2	249.7
10°	268.1	266.3	262.3	257.4	253.7	250.5	246.2	243.8	243.0	243.3	242.8
12.5°	268.7	265.7	260.6	254.5	249.7	245.4	240.6	237.7	237.1	237.7	237.7
15°	269.5	265.7	259.3	251.8	245.4	240.6	235.8	233.1	233.1	233.4	233.4
17.5°	271.1	266.5	258.2	248.9	241.2	235.8	231.5	229.7	229.9	230.7	230.7
20°	272.7	267.6	257.2	246.0	237.4	231.3	227.8	226.5	227.5	228.6	228.6
22.5°	275.1	268.9	256.1	243.3	233.1	227.0	224.1	223.0	224.1	225.4	224.9
25°	278.8	271.3	255.3	240.9	229.1	222.5	219.5	218.5	219.0	220.1	220.1
27.5°	283.1	274.3	255.0	237.9	224.3	217.1	213.6	212.0	212.0	212.3	212.6
30°	290.3	279.3	256.1	235.8	220.1	211.5	207.0	204.6	204.3	205.4	205.4
32.5°	298.8	286.3	258.8	233.9	215.8	204.8	198.7	196.8	196.3	197.1	196.3
35°	308.5	294.0	262.3	233.7	211.5	197.6	190.7	188.5	186.9	186.4	185.9
37.5°	322.1	304.7	265.7	232.3	207.2	189.9	182.4	177.9	176.0	175.5	175.5
40°	335.4	315.1	270.0	230.2	202.2	182.1	171.5	166.4	165.6	165.6	165.6
42.5°	352.2	328.7	275.9	228.9	196.0	174.4	159.7	153.8	153.8	153.8	153.6
45°	373.1	346.6	283.3	228.3	190.1	165.0	147.1	139.4	139.1	138.9	138.6
47.5°	397.4	365.3	290.6	227.0	183.2	153.8	132.7	124.2	122.3	121.8	121.0
50°	422.5	385.6	298.3	225.1	174.9	140.7	119.1	109.2	105.2	103.9	104.4
52.5°	449.2	405.4	305.8	222.5	165.0	127.7	105.2	94.8	90.8	89.2	88.9
55°	475.4	425.4	312.7	219.0	154.4	114.3	93.5	83.3	79.9	79.3	79.3
57.5°	501.8	444.7	318.1	213.9	142.6	102.6	83.3	75.0	72.6	73.7	73.7
60°	525.8	461.5	320.7	207.0	130.9	91.9	75.3	69.2	68.1	70.8	70.5
62.5°	547.5	472.7	319.4	196.8	119.4	82.8	69.2	64.6	64.9	68.1	68.4
65°	557.9	474.6	311.7	182.9	106.6	75.0	62.8	58.5	59.0	62.5	63.3
67°	555.5	467.4	298.8	167.2	96.1	69.2	58.8	54.5	54.7	57.7	58.0
67.5°	552.8	463.9	295.4	162.4	93.5	68.1	57.7	53.7	54.2	56.9	56.9
70°	517.3	428.6	263.3	137.8	80.9	60.6	52.6	49.9	50.5	52.1	52.1
72.5°	452.1	371.2	213.1	110.6	68.6	53.7	47.5	45.9	45.9	45.9	44.6
75°	288.4	232.6	139.4	84.7	56.6	45.9	42.7	40.9	39.8	41.4	40.9
77.5°	159.4	121.5	72.6	48.6	40.9	38.2	37.1	36.3	36.1	39.8	38.7
80°	75.6	60.1	40.9	27.8	23.5	28.3	32.0	31.5	37.7	51.5	51.8
82.5°	24.0	19.8	16.6	15.2	15.8	20.3	24.8	28.6	48.9	55.3	54.5
85°	2.9	2.7	1.9	6.1	10.4	15.0	19.2	37.1	44.9	37.4	35.3
87.5°	1.1	1.1	1.1	4.3	8.0	11.5	17.4	37.4	27.5	25.1	23.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-3
 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-727-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 2769
 CIE u' : 0.2596
 CIE v' : 0.5253
 Duv: -0.0005
 CIE x: 0.4535
 CIE y: 0.4078
 CIE z: 0.1387
 Peak Wavelength (nm): 597
 Dominant Wavelength (nm): 584
 Purity: 58.54014
 R_f: 75.7
 R_g: 93.2

CRI (Ra): 71.7
 R1: 68.0
 R2: 84.0
 R3: 94.6
 R4: 65.9
 R5: 67.3
 R6: 78.7
 R7: 75.2
 R8: 39.8
 R9: -34.5
 R10: 64.3
 R11: 60.9
 R12: 54.4
 R13: 71.2
 R14: 97.6
 R15: 59.5



Test Conditions

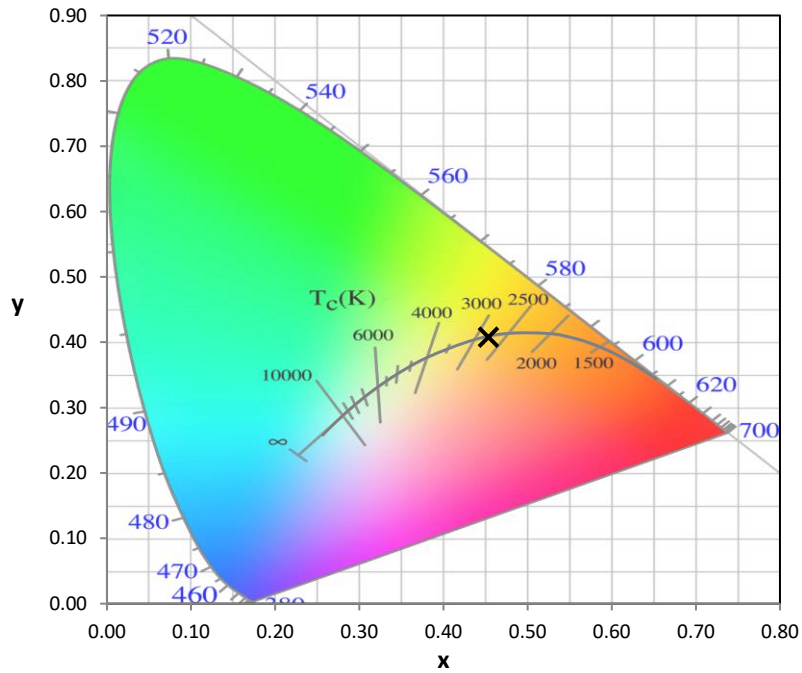
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP2-2501-321-3

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: SP2-2501-321-3

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-3

Photopic Flux vs. Wavelength

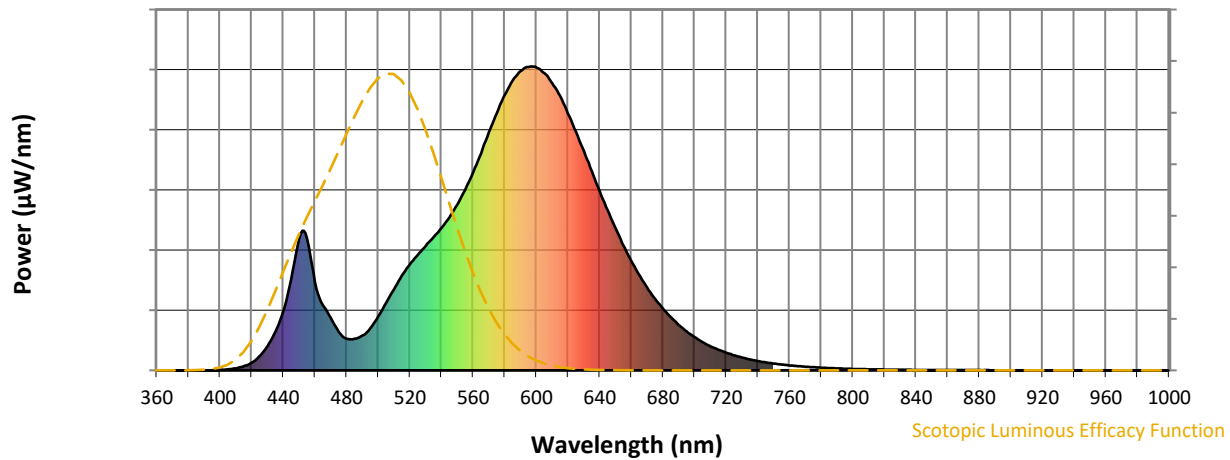


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.14

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.08

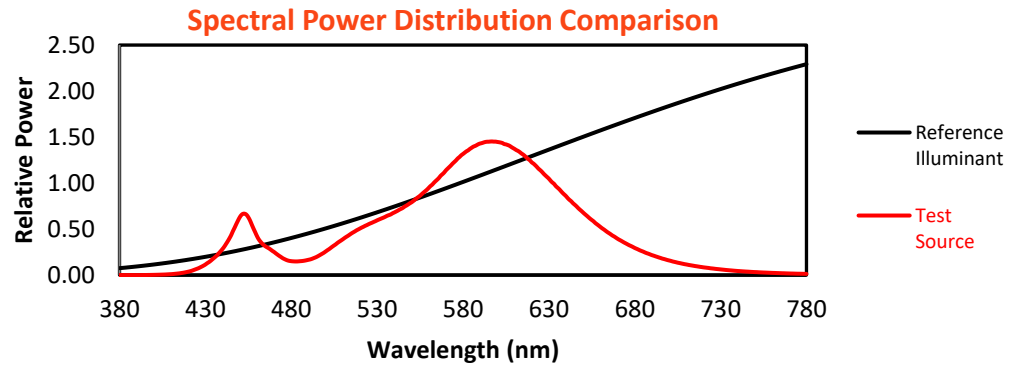
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-3

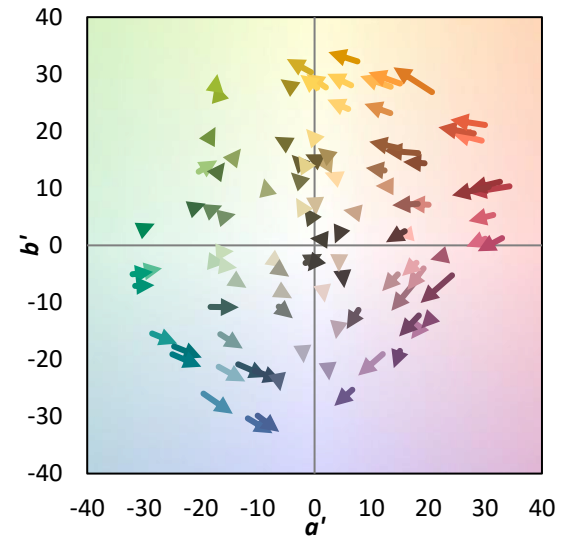
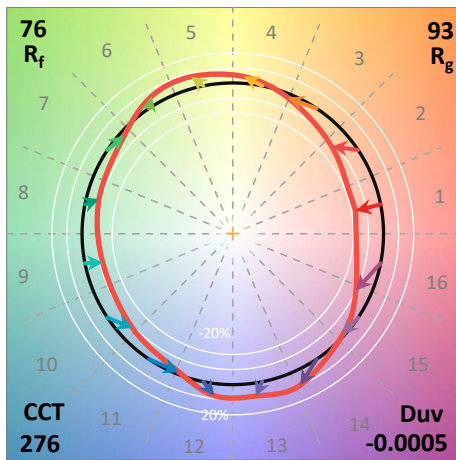
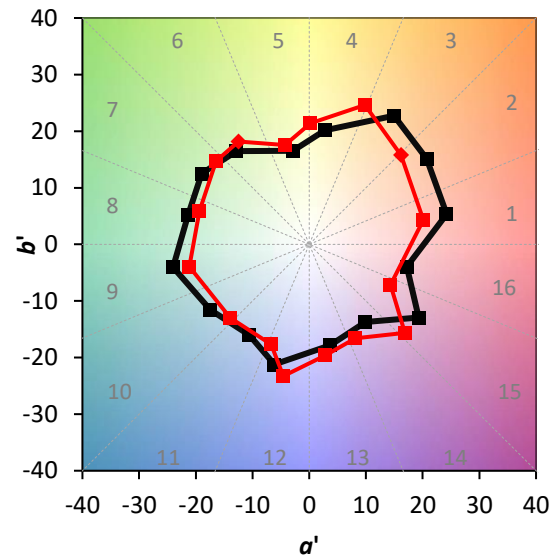
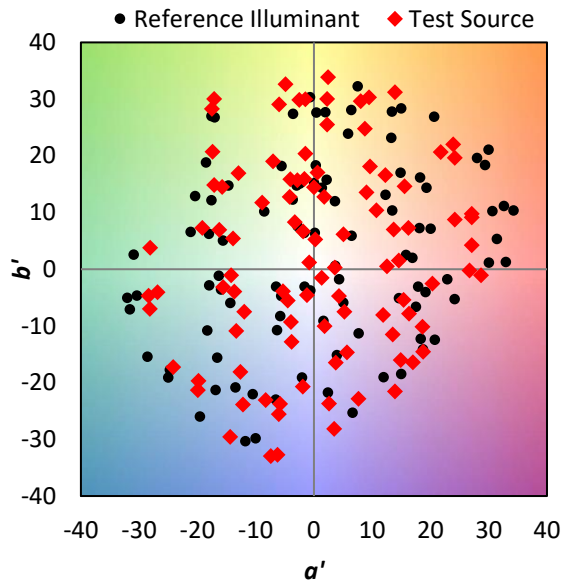
TM-30-18

Summary

$R_f = 75.7$
 $R_g = 93.2$
 $CIE R_a = 71.7$
 $R_g = -34.5$

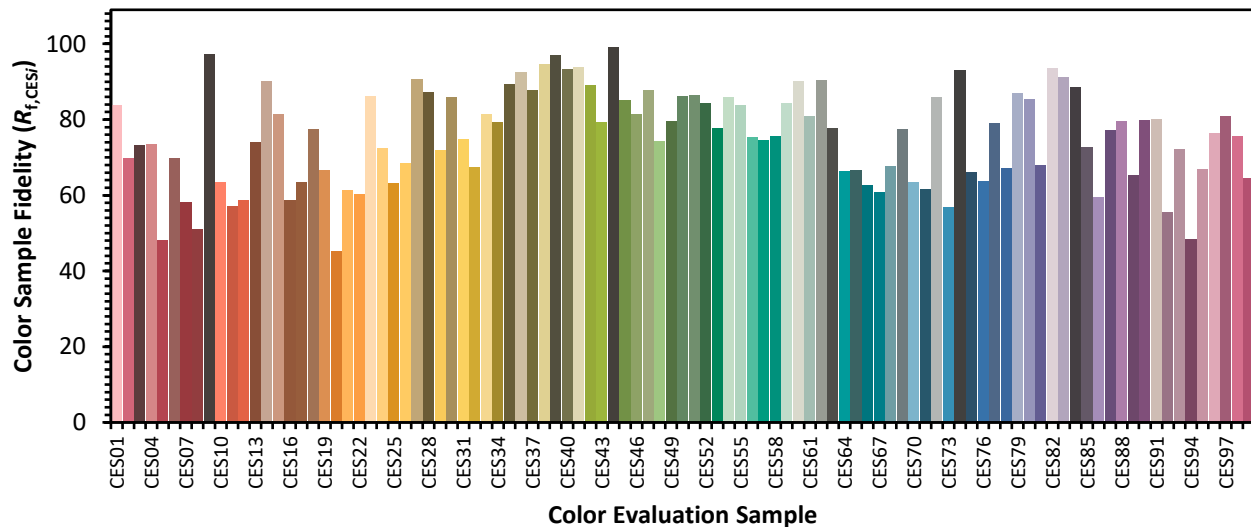


Color Vector Graphics

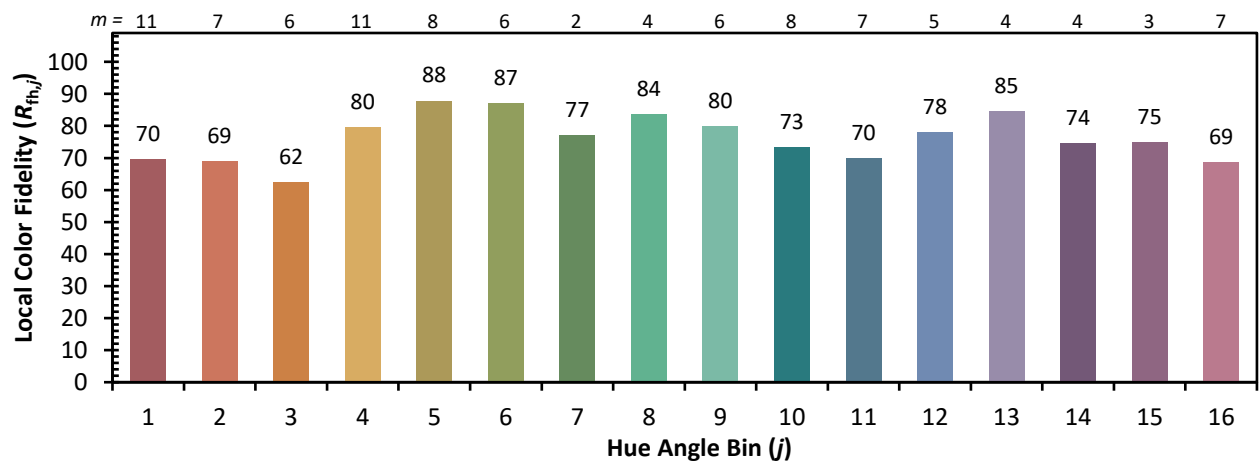


Individual Sample Fidelity Index ($R_{f,i}$)

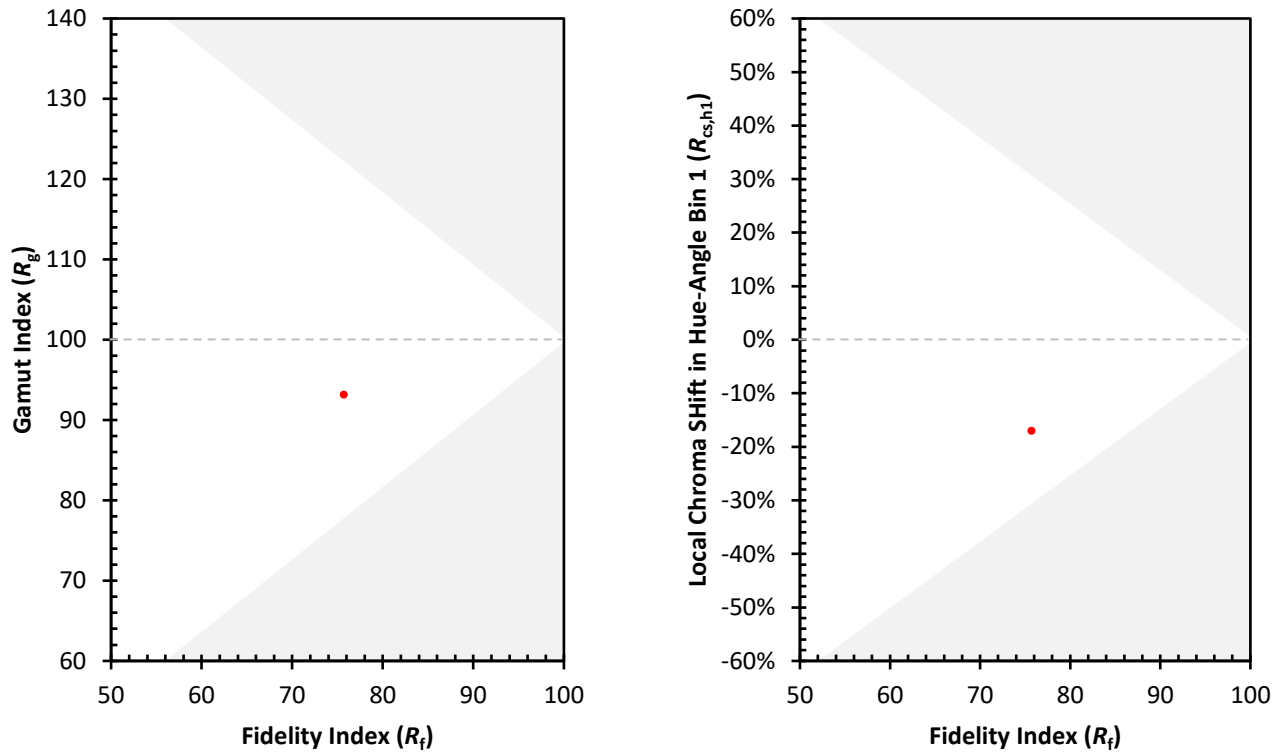
CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)