

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: P972305

Luminaire Tested: **GKO-PB1B-727-U-T2R**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972305
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-T2R
Description: GEKKO WALL PACK 1500LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE II
ROADWAY DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1395.4 lumens
Efficiency: N/A
Efficacy: 150.0 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

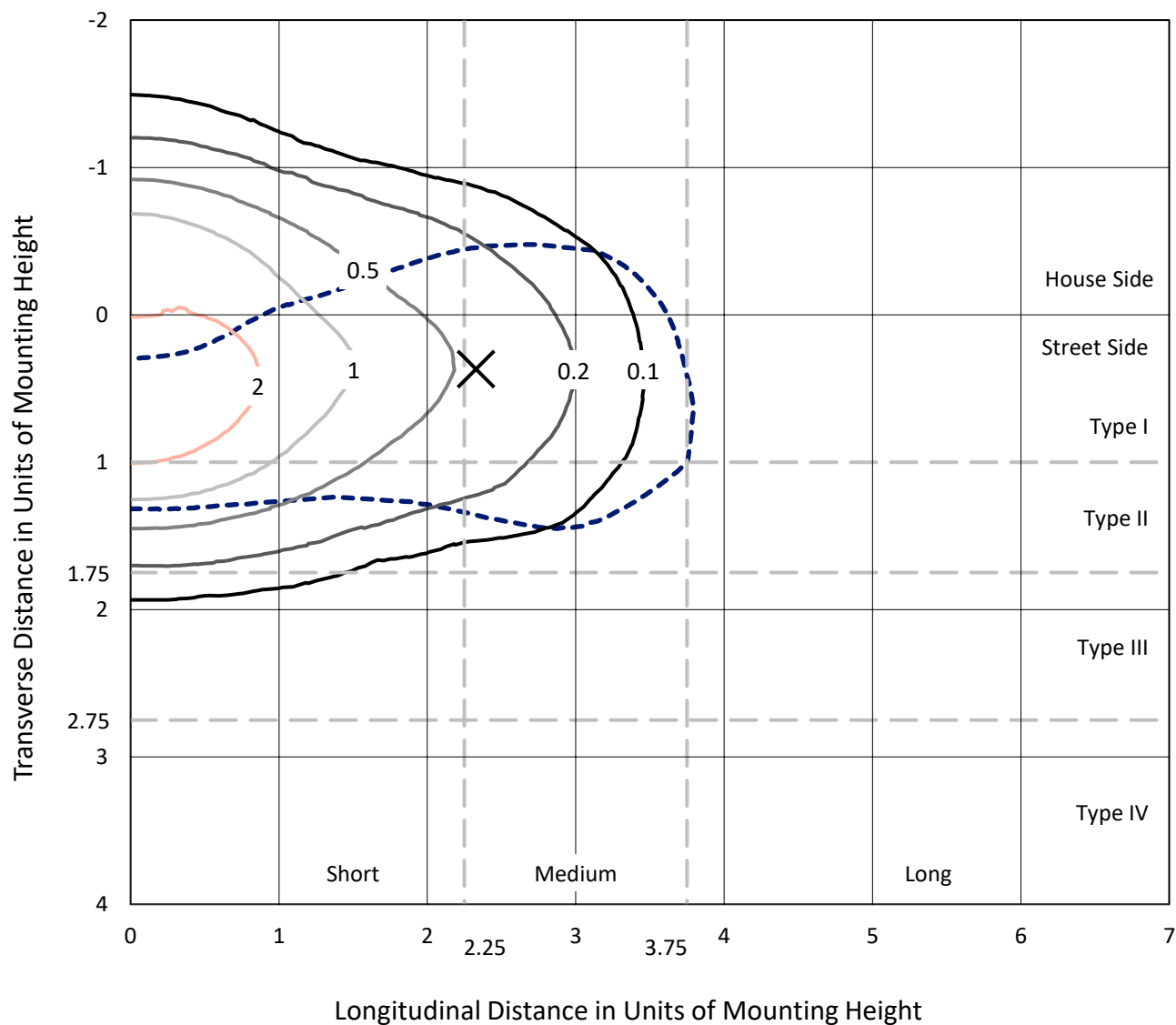
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

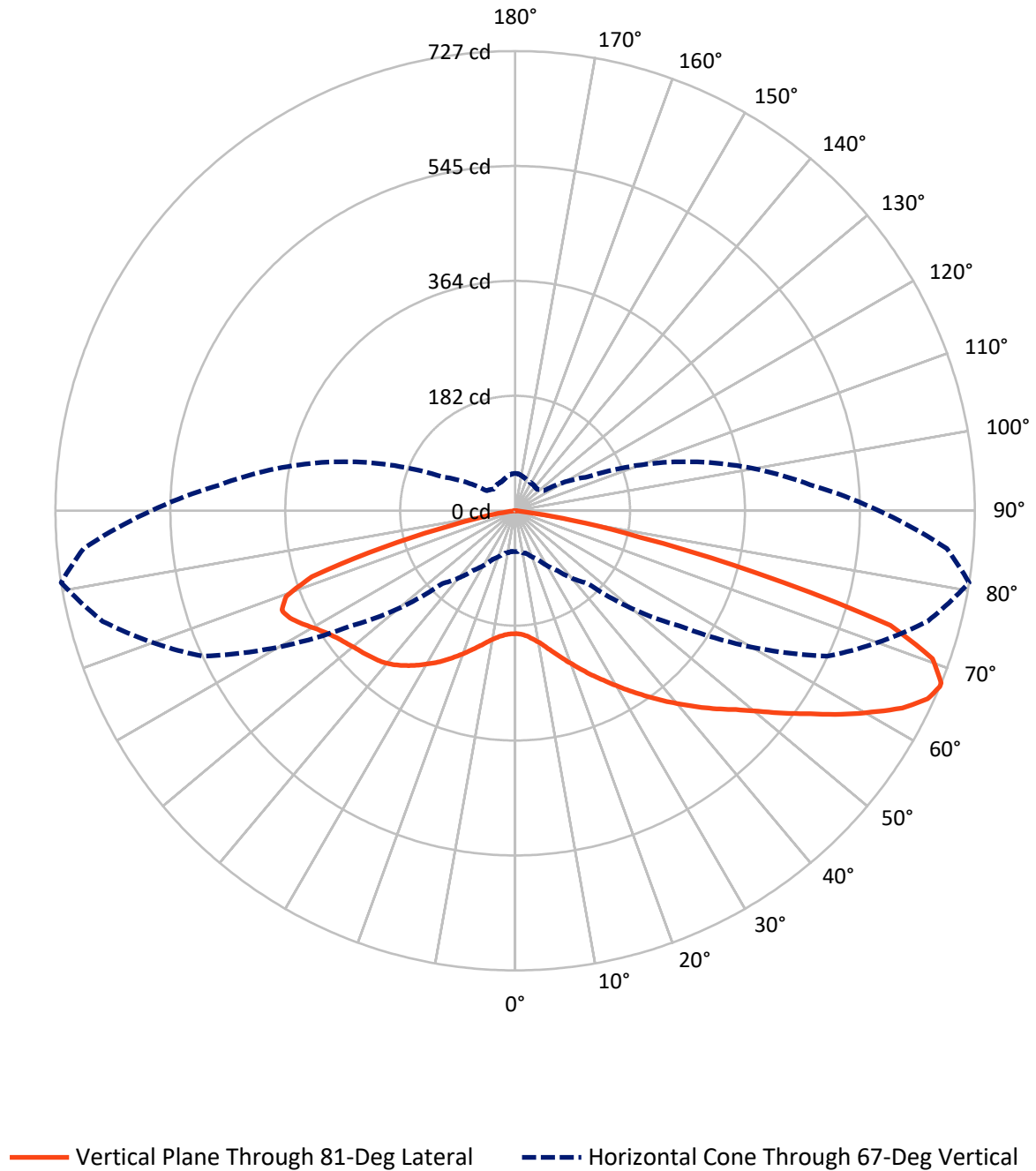


Based on 10 foot mounting height. Maximum calculated value = 3.7 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	430.9	0.0	430.9
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	964.5	0.0	964.5
	% Fixture	69.1	0.0	69.1
Total	Lumens	1395.4	0.0	1395.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.1	1.4
10°-20°	72.9	5.2
20°-30°	147.6	10.6
30°-40°	232.8	16.7
40°-50°	285.9	20.5
50°-60°	273.1	19.6
60°-70°	229.1	16.4
70°-80°	121.3	8.7
80°-90°	12.5	0.9
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°	1395.4	100.0
0°-180°	1395.4	100.0



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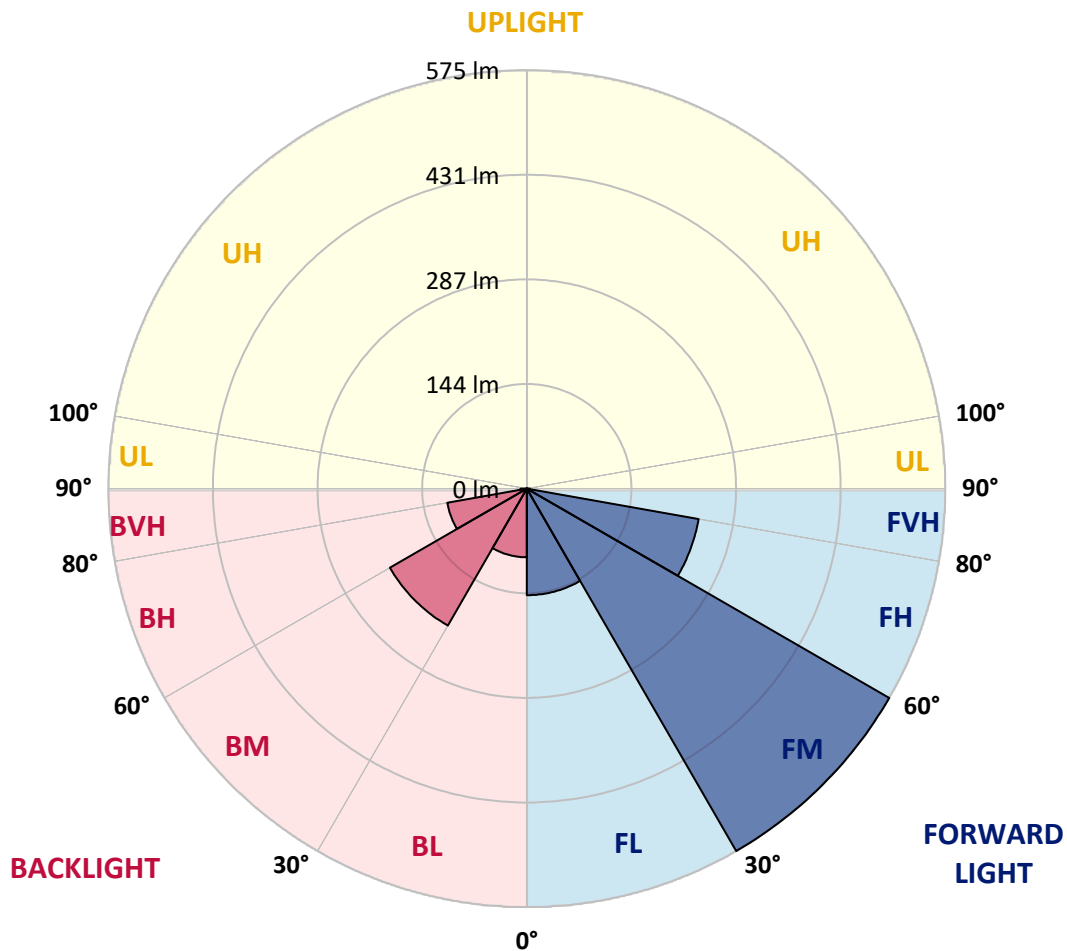
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	146.4	10.5			
FM	(30°-60°)	574.7	41.2			
FH	(60°-80°)	239.5	17.2			G0/660
FVH	(80°-90°)	3.9	0.3			G0/10
BL	(0°-30°)	94.3	6.8	B0/110		
BM	(30°-60°)	217.1	15.6	B0/220		
BH	(60°-80°)	110.8	7.9	B1/500		G1/500
BVH	(80°-90°)	8.6	0.6			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 II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	194.4	194.4	194.4	194.4	194.4	194.4	194.4	194.4	194.4	194.4	194.4
2.5°	205.6	206.1	205.1	204.8	203.7	202.1	200.3	198.9	196.8	195.7	195.2
5°	225.1	224.0	223.2	221.9	218.1	214.9	209.6	205.9	201.9	199.2	198.4
7.5°	248.8	249.4	246.7	243.2	237.9	231.5	222.9	216.0	208.5	205.1	203.5
10°	274.7	276.9	274.2	269.9	259.8	250.2	239.8	227.8	217.6	212.3	210.1
12.5°	306.3	307.6	304.1	298.5	286.2	271.8	257.1	242.2	228.8	222.1	218.4
15°	341.5	340.4	337.0	328.7	312.9	296.9	276.9	257.4	241.6	233.4	228.0
17.5°	377.8	376.5	371.9	361.3	343.4	323.3	299.6	275.0	255.3	246.2	239.0
20°	412.5	411.2	408.0	396.0	374.3	349.8	322.0	295.3	270.7	259.5	251.5
22.5°	451.0	449.9	444.8	430.1	406.9	379.9	347.6	315.9	287.6	274.2	264.6
25°	492.6	492.9	487.3	466.7	440.6	409.1	375.1	339.1	306.5	289.7	278.8
27.5°	541.2	541.0	531.3	509.2	476.3	440.0	402.4	363.4	325.2	305.5	292.9
30°	585.3	584.2	573.5	551.4	513.4	472.6	431.2	386.9	346.3	322.8	307.6
32.5°	617.8	618.1	609.3	585.0	547.9	504.4	458.2	413.3	366.6	341.5	324.7
35°	641.3	641.6	633.1	612.2	577.5	534.0	486.7	438.2	389.3	360.7	342.6
37.5°	648.8	648.8	643.2	626.9	598.6	560.7	514.8	466.5	412.0	381.5	360.7
40°	638.7	639.5	639.2	628.5	609.0	579.1	540.7	493.7	437.4	402.1	379.1
42.5°	615.7	616.2	617.0	613.0	606.9	589.0	561.5	521.5	462.7	424.5	397.3
45°	577.8	579.9	583.9	585.5	587.9	586.6	574.3	547.4	491.0	447.0	415.2
47.5°	529.7	533.2	538.5	548.2	561.5	572.2	577.5	567.4	518.5	470.2	435.2
50°	463.0	466.7	481.1	501.2	527.6	548.4	568.7	582.3	549.2	498.5	457.6
52.5°	370.6	378.6	402.9	441.4	486.7	517.7	550.0	589.5	580.5	531.9	484.3
55°	282.0	284.9	316.1	362.3	432.3	484.6	524.4	585.8	609.8	566.8	514.8
57.5°	197.0	200.3	227.5	278.0	355.4	441.4	498.8	573.3	636.5	608.0	549.8
60°	139.9	143.4	163.7	201.1	276.1	378.3	475.0	557.2	659.8	647.0	590.1
62.5°	101.7	103.6	114.3	145.8	199.5	295.8	441.1	546.8	676.1	687.5	631.5
65°	78.0	79.8	86.0	105.7	147.4	216.3	380.2	546.6	680.3	717.4	667.2
67°	64.9	64.6	70.0	84.9	115.1	162.6	317.5	544.4	675.5	727.1	685.4
67.5°	61.4	62.5	66.8	79.3	108.7	149.8	303.9	541.0	673.9	726.8	686.7
70°	48.9	49.1	52.9	62.7	81.7	108.7	218.7	506.8	649.6	700.6	671.8
72.5°	35.8	35.5	41.1	47.5	62.5	79.0	146.6	425.6	597.0	620.8	597.3
75°	26.4	26.2	29.1	36.3	44.6	59.0	95.1	277.7	404.2	394.9	364.7
77.5°	17.6	18.2	20.8	26.7	31.8	36.6	47.5	127.9	222.7	201.3	193.8
80°	10.7	9.9	11.7	15.2	18.4	18.7	20.3	55.3	95.6	91.0	85.4
82.5°	3.7	3.7	4.5	6.1	6.1	6.1	7.5	13.4	19.0	17.4	16.6
85°	0.0	0.0	0.0	0.0	0.5	0.8	0.5	1.1	1.9	2.1	2.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5	0.8	1.1	1.1
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-727-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	194.4	194.4	194.4	194.4	194.4	194.4	194.4	194.4	194.4	194.4	194.4
2.5°	195.2	195.2	194.4	193.3	192.8	192.5	191.7	190.6	191.4	192.2	192.2
5°	197.9	197.3	195.7	194.6	193.8	193.8	192.8	192.5	193.3	194.1	193.8
7.5°	202.1	201.1	199.2	197.6	197.9	198.1	196.5	196.5	197.3	198.1	198.1
10°	208.0	206.1	204.3	202.9	203.2	203.5	201.9	201.3	202.1	202.9	203.5
12.5°	215.5	213.1	210.9	209.6	209.3	209.6	208.0	207.5	207.5	208.0	208.0
15°	224.3	221.6	218.9	217.1	216.5	216.3	214.1	212.3	212.3	212.5	212.5
17.5°	234.4	230.7	227.2	225.1	223.7	221.9	219.5	216.8	216.0	216.3	216.3
20°	244.6	240.6	236.0	233.1	230.4	227.2	223.5	220.0	218.4	218.4	218.1
22.5°	256.3	251.0	244.8	240.8	236.0	230.7	225.4	220.8	219.2	218.7	218.7
25°	268.3	262.2	253.4	247.2	240.3	232.6	225.6	219.5	216.8	215.7	215.7
27.5°	280.6	273.4	261.9	253.1	243.0	232.3	222.9	215.2	211.5	210.1	209.6
30°	294.5	284.1	269.4	257.4	243.5	229.9	217.9	208.8	203.2	200.0	200.3
32.5°	308.9	295.8	276.3	260.1	242.7	225.4	210.1	198.7	191.4	188.5	187.4
35°	323.6	307.1	282.5	261.4	240.0	218.4	200.3	187.4	179.4	175.2	175.2
37.5°	338.6	318.8	286.8	261.1	235.2	209.3	188.8	175.2	165.8	160.5	159.1
40°	353.2	329.8	290.0	259.0	228.0	198.4	176.5	161.8	149.3	142.3	141.2
42.5°	367.7	338.8	291.6	255.5	219.5	186.4	162.6	142.8	130.8	124.4	124.2
45°	380.7	346.0	291.8	251.0	208.3	172.8	143.9	125.0	112.9	106.3	106.3
47.5°	393.6	354.0	291.6	245.1	196.0	155.1	124.2	105.7	94.8	90.5	89.2
50°	409.1	362.1	291.3	237.9	180.2	134.0	104.9	89.2	79.8	75.6	75.6
52.5°	424.8	371.4	291.8	227.8	161.5	113.5	87.8	74.0	67.8	65.1	64.9
55°	445.1	381.3	293.2	215.7	142.0	93.5	73.2	63.8	59.5	58.2	58.5
57.5°	469.7	394.9	295.8	201.6	119.4	76.6	62.7	57.7	56.6	57.1	57.4
60°	497.7	411.7	299.6	185.6	99.3	63.8	56.6	55.5	56.6	58.7	59.0
62.5°	530.3	432.0	304.4	167.7	79.6	56.1	53.9	54.7	55.5	59.0	59.3
65°	559.1	453.9	305.5	146.6	64.6	51.0	52.3	52.9	55.0	59.0	59.3
67°	575.4	468.9	298.2	126.6	55.3	48.3	50.2	50.7	54.5	58.5	59.0
67.5°	577.3	472.1	293.4	121.5	53.4	47.8	49.7	50.7	54.5	58.5	58.7
70°	571.7	469.9	261.4	91.6	44.1	44.1	46.2	48.6	52.3	56.6	58.5
72.5°	521.7	428.5	202.4	62.2	37.4	39.8	43.0	46.5	49.9	55.0	58.2
75°	329.8	275.8	123.9	41.7	31.2	35.5	40.6	44.6	47.5	51.3	53.4
77.5°	176.2	136.4	53.4	24.6	24.6	31.5	37.6	41.4	43.0	44.3	45.7
80°	83.3	63.5	25.9	14.7	17.1	24.6	33.4	37.4	37.9	39.5	40.1
82.5°	16.6	14.4	8.5	7.7	11.2	17.6	27.8	32.3	32.6	35.2	35.8
85°	2.1	1.9	1.3	2.9	7.2	13.1	21.4	27.8	28.3	28.3	27.8
87.5°	1.1	0.8	0.8	2.1	5.3	9.9	17.6	23.2	23.5	18.4	17.9
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

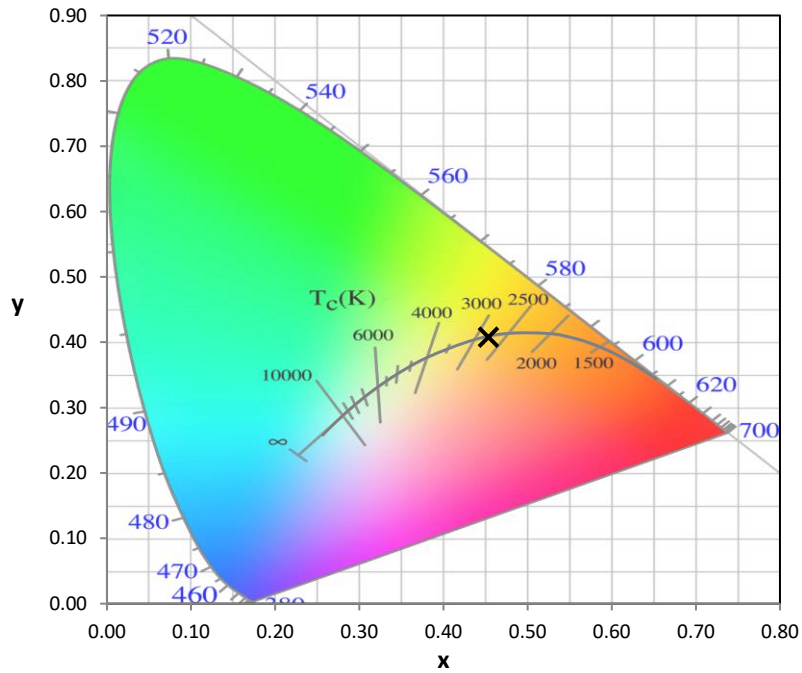
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.0

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

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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

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Photopic Flux vs. Wavelength

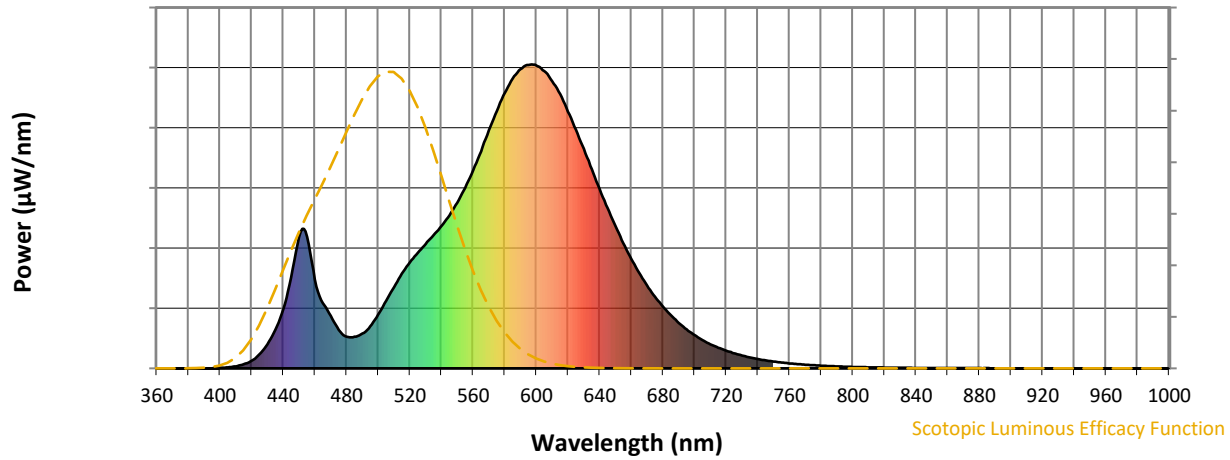


Photopic Lumens: NR

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			

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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			

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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.08

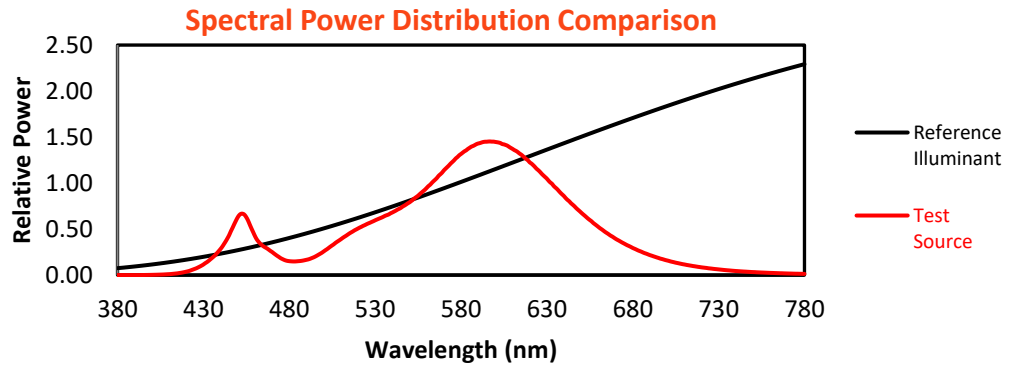
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	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			

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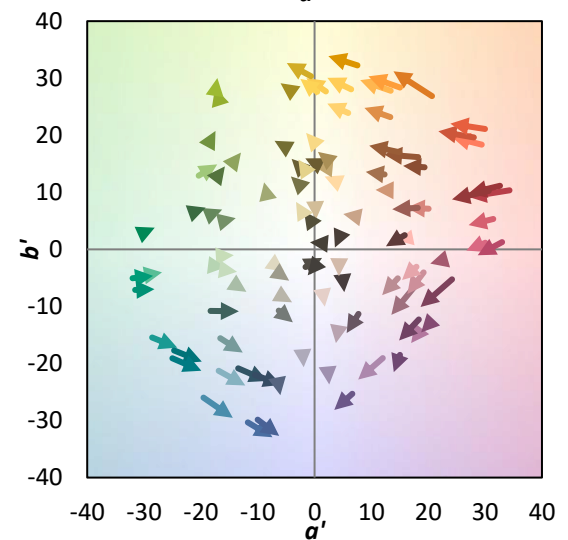
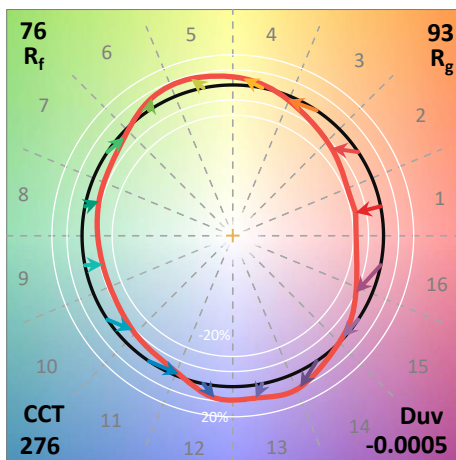
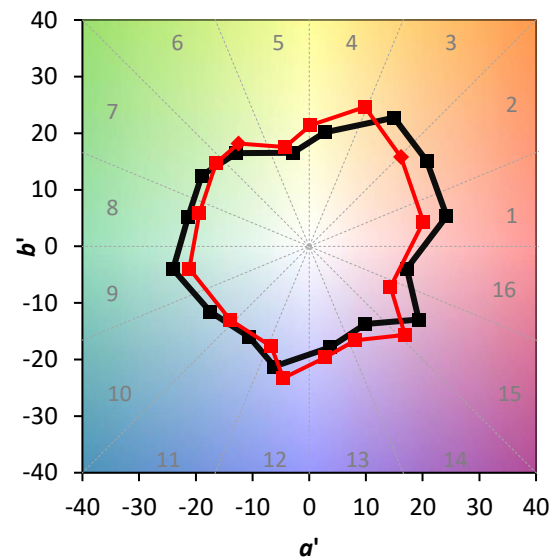
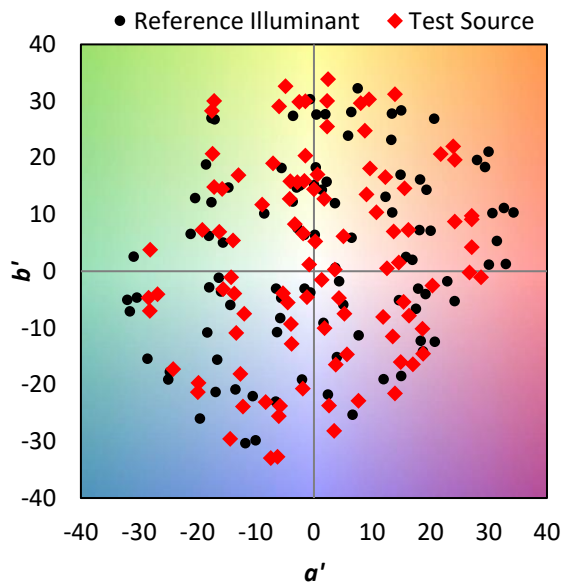
TM-30-18

Summary

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

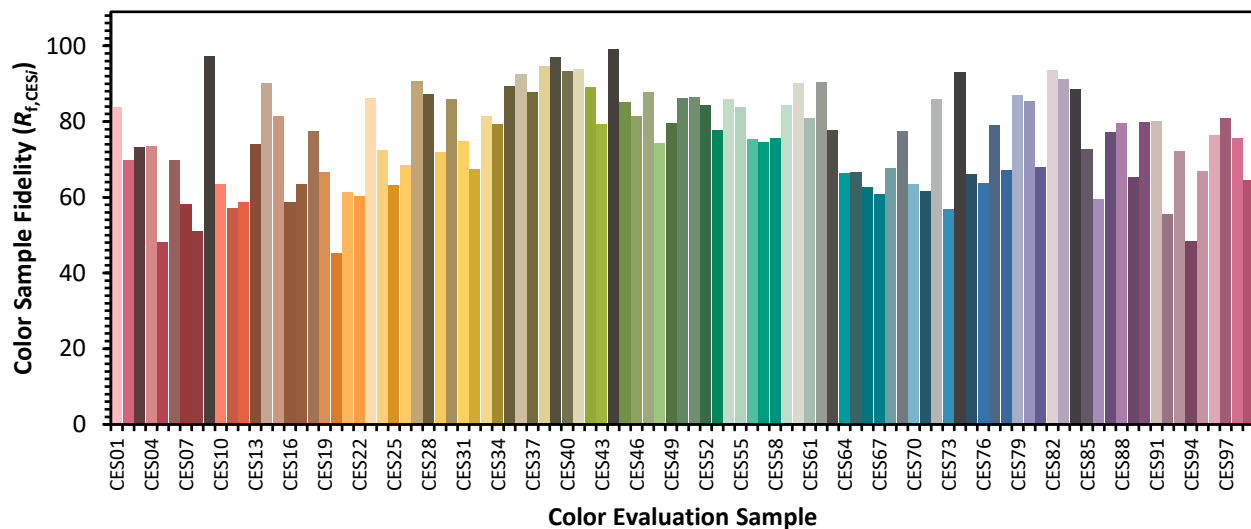


Color Vector Graphics

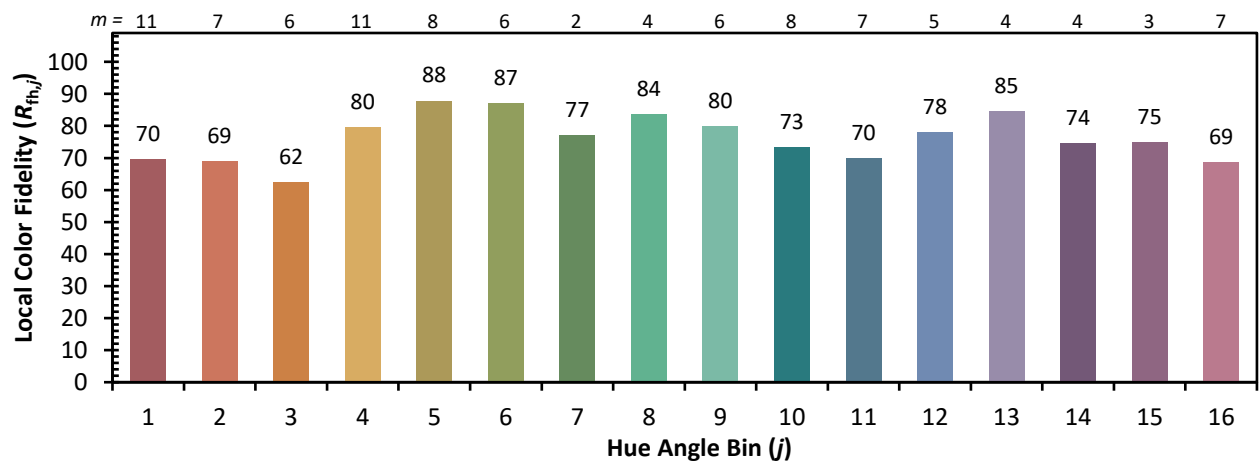
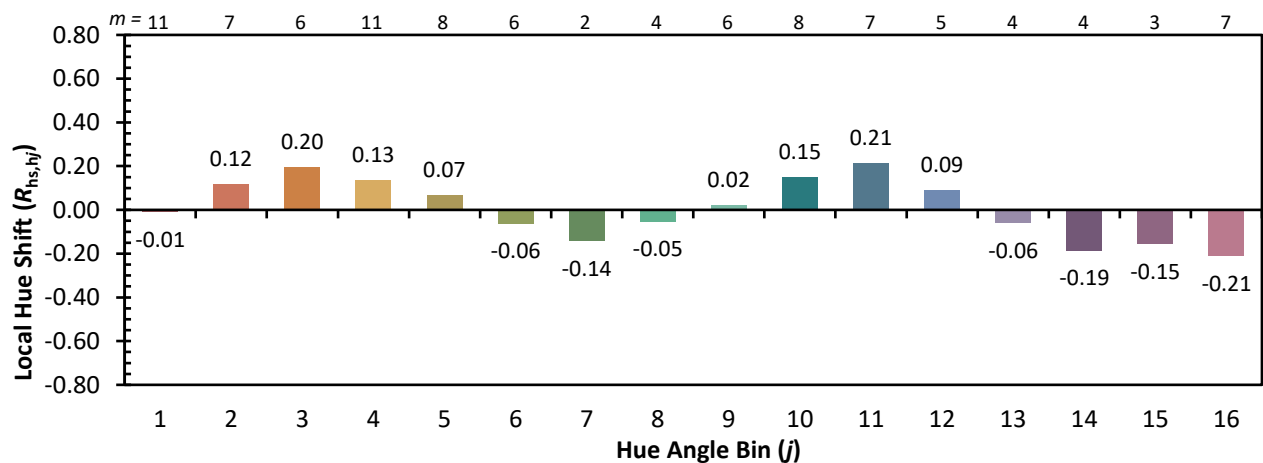


Individual Sample Fidelity Index ($R_{f,i}$)

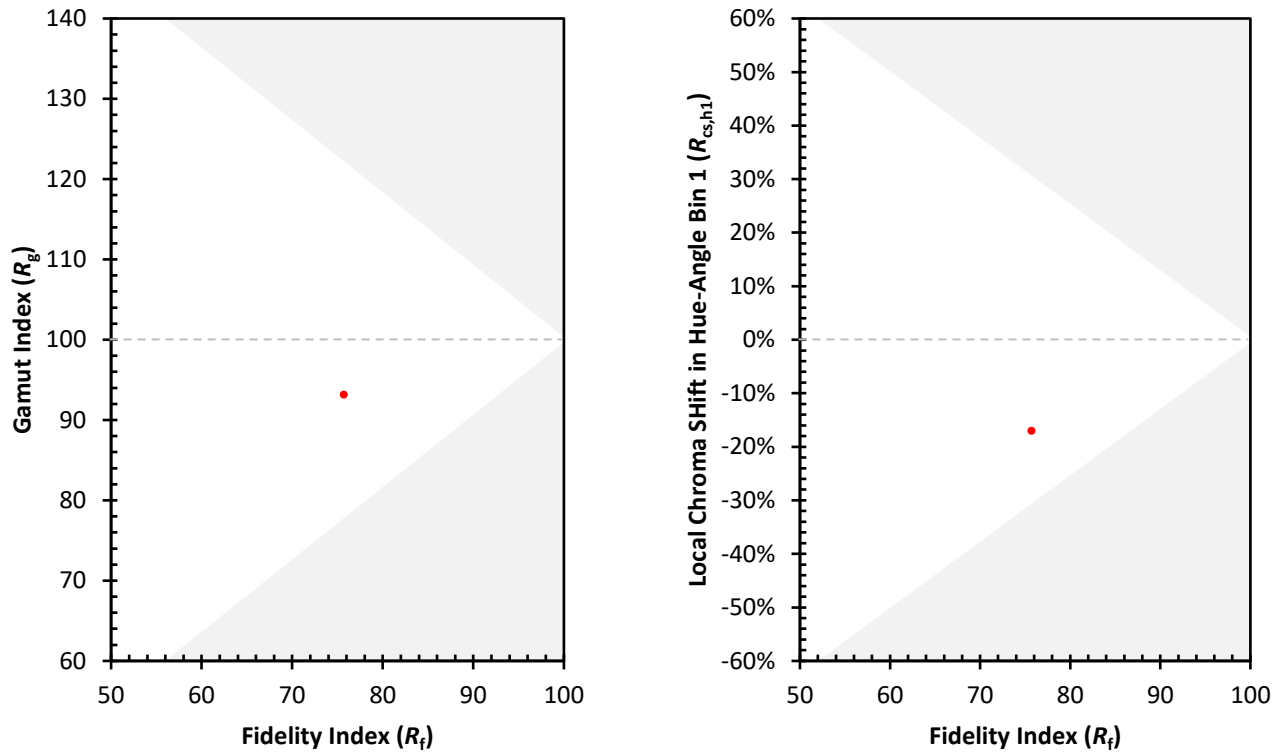
CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 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)