

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: P972256

Luminaire Tested: **GKO-PB1A-727-U-T3**

Issue Date: 02/27/2025

Test Information

Test Method: LM-79-08
Report Number: P972256
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1A-727-U-T3
Description: GEKKO WALL PACK 750LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

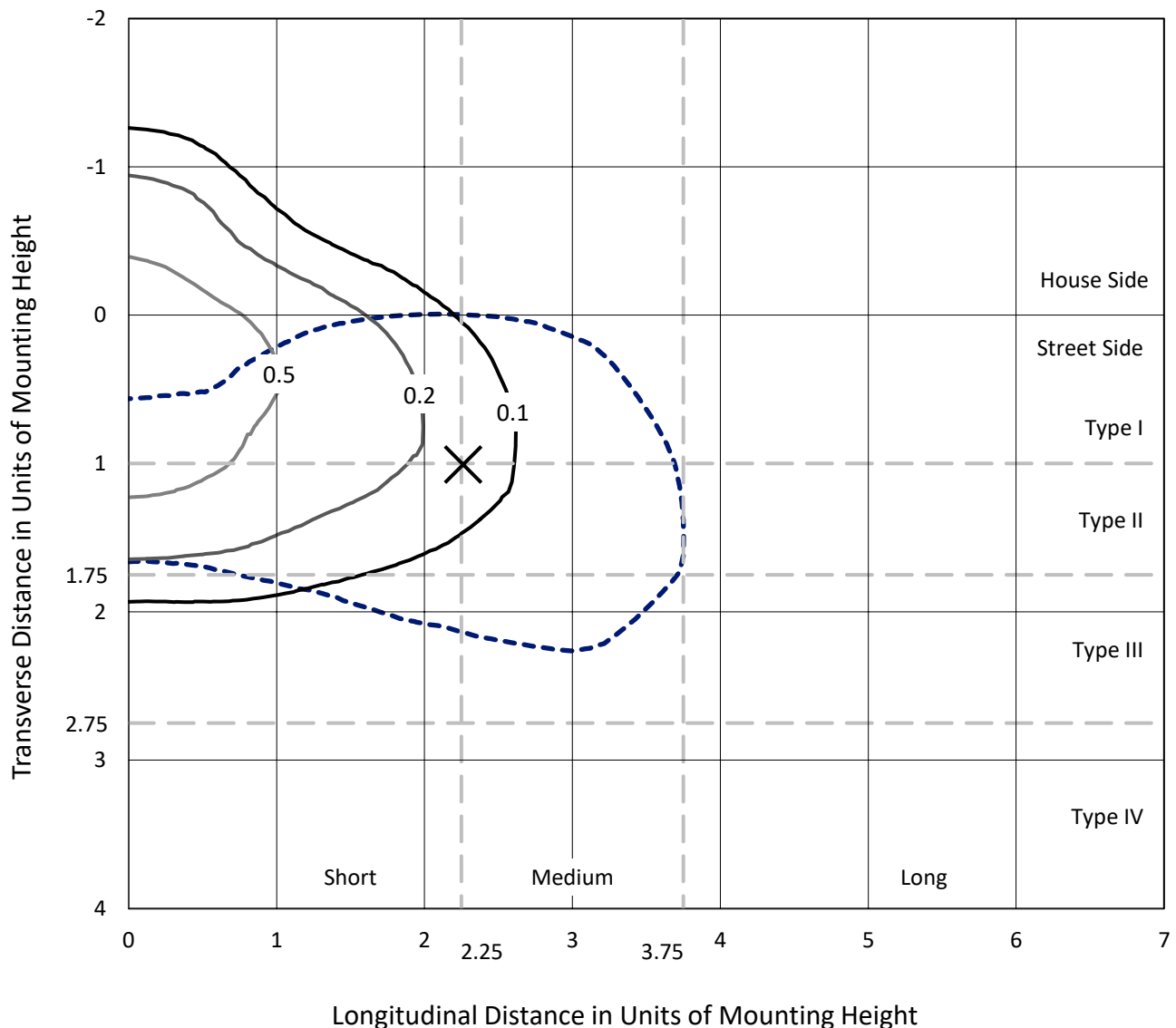
Lumens per Lamp: N/A
Luminaire Lumens: 706.6 lumens
Efficiency: N/A
Efficacy: 147.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B0 - U0 - G0

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

REPORT NUMBER: P972256
CATALOG NUMBER: GKO-PB1A-727-U-T3

Iso-Footcandle Lines of Horizontal Illumination

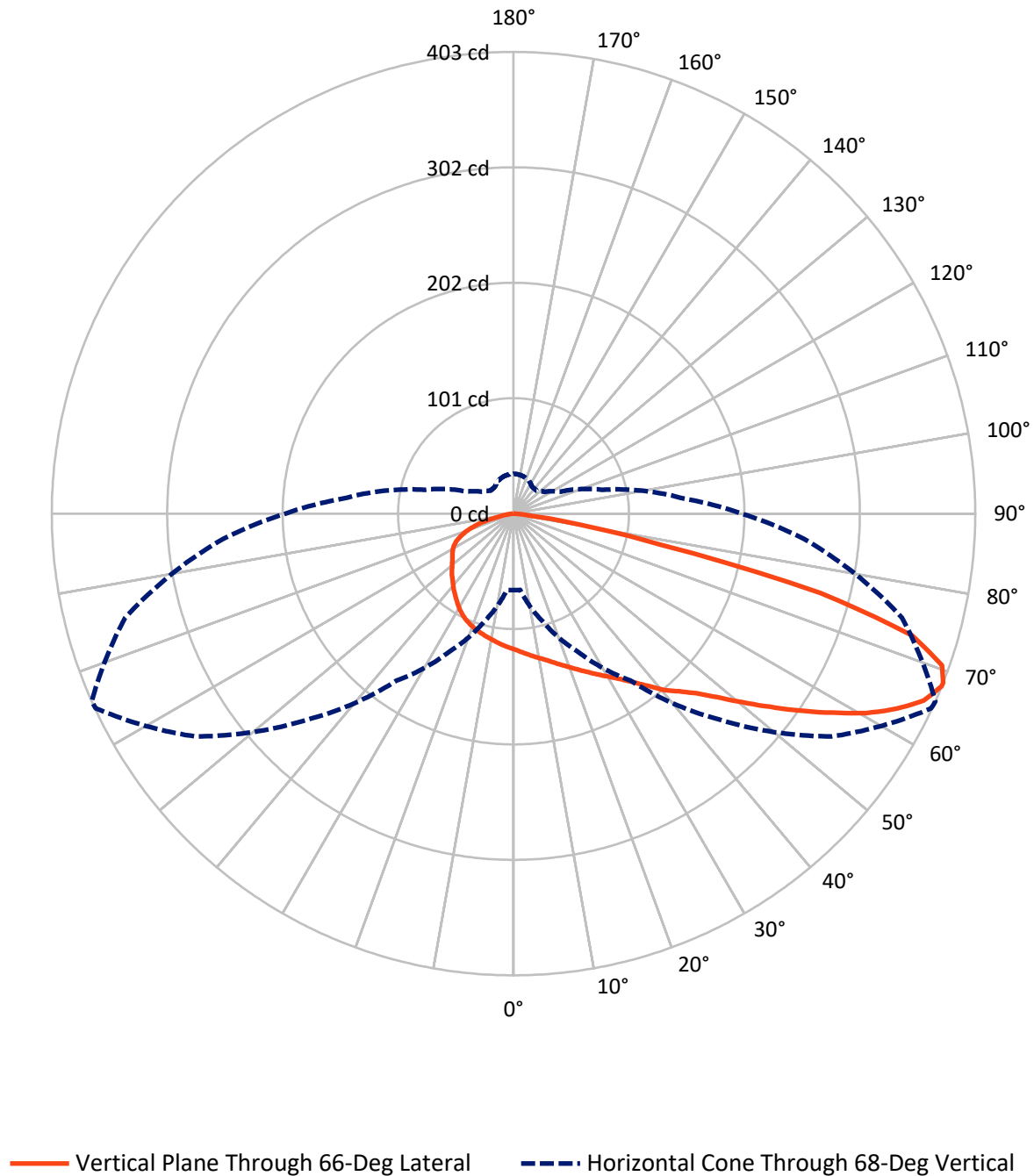
× Max cd
- - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.9 fc
Type III - Medium - N/A

REPORT NUMBER: P972256
CATALOG NUMBER: GKO-PB1A-727-U-T3

Luminous Intensity Polar Plot



REPORT NUMBER: P972256

CATALOG NUMBER: GKO-PB1A-727-U-T3

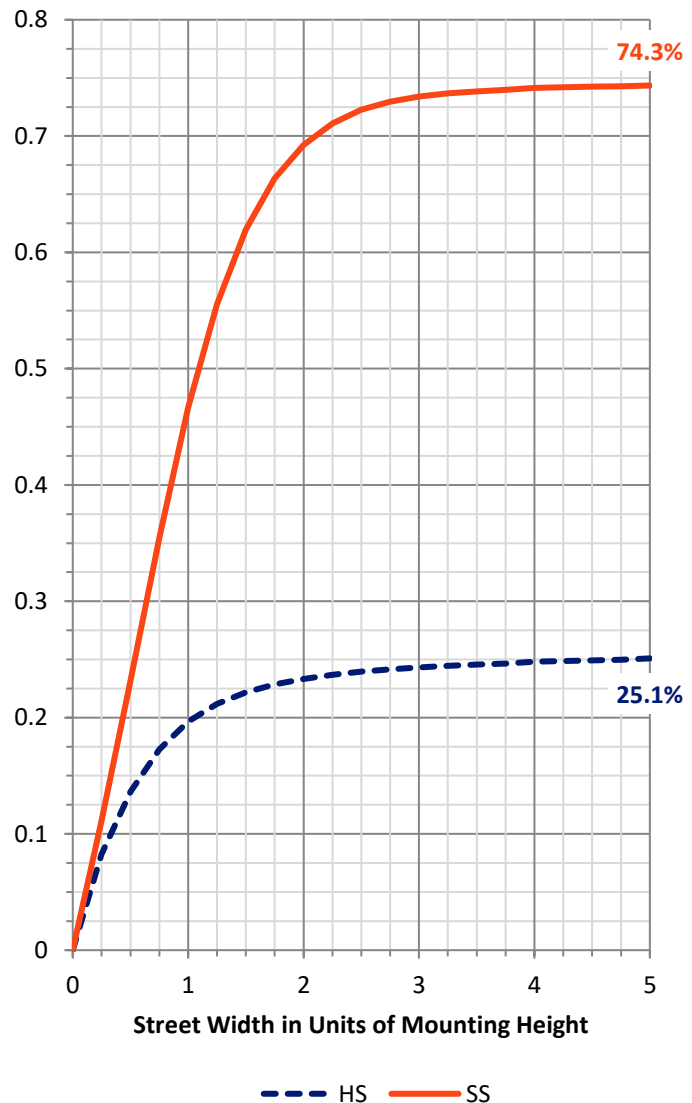
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	180.9	0.0	180.9
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	525.7	0.0	525.7
	% Fixture	74.4	0.0	74.4
Total	Lumens	706.6	0.0	706.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.4	1.6
10°-20°	34.2	4.8
20°-30°	58.9	8.3
30°-40°	91.4	12.9
40°-50°	125.1	17.7
50°-60°	149.3	21.1
60°-70°	149.6	21.2
70°-80°	79.2	11.2
80°-90°	7.6	1.1
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°	706.6	100.0
0°-180°	706.6	100.0



REPORT NUMBER: P972256

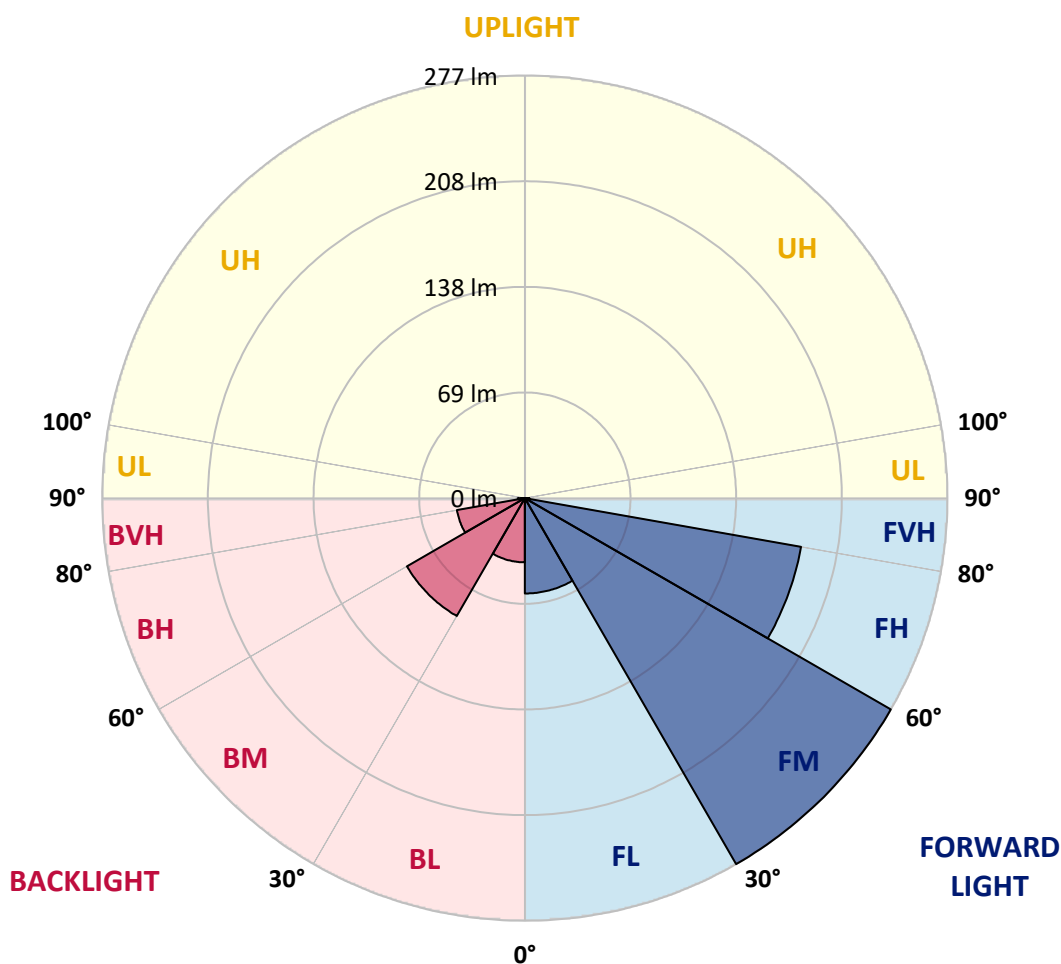
CATALOG NUMBER: GKO-PB1A-727-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	62.4	8.8			
FM	(30°-60°)	276.7	39.2			
FH	(60°-80°)	183.6	26.0			G0/660
FVH	(80°-90°)	3.0	0.4			G0/10
BL	(0°-30°)	42.0	5.9	B0/110		
BM	(30°-60°)	89.1	12.6	B0/220		
BH	(60°-80°)	45.1	6.4	B0/110		G0/110
BVH	(80°-90°)	4.6	0.7			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 III Medium





REPORT NUMBER: P972256

CATALOG NUMBER: GKO-PB1A-727-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5
2.5°	123.5	123.5	123.2	123.0	122.9	122.1	121.5	120.8	120.8	119.7	118.8
5°	127.7	127.8	127.3	127.3	126.7	125.6	124.5	123.2	123.2	121.5	119.6
7.5°	131.4	131.8	131.3	131.3	130.7	129.5	127.7	125.8	125.8	123.5	120.7
10°	135.0	135.2	135.0	135.2	134.4	133.3	131.3	128.7	128.5	125.6	121.8
12.5°	137.9	138.1	138.3	138.7	138.0	137.2	135.2	132.0	131.5	128.1	123.2
15°	140.6	140.9	141.3	141.8	141.7	141.0	139.2	135.5	135.2	130.9	125.0
17.5°	142.8	142.9	143.8	144.8	145.1	145.3	143.3	139.5	139.2	134.0	126.9
20°	145.9	146.2	147.0	148.1	149.0	149.5	148.0	143.8	143.5	137.7	129.3
22.5°	153.1	152.7	153.1	153.1	153.5	154.3	153.2	149.0	148.4	142.1	132.4
25°	166.5	166.1	165.0	162.5	159.8	159.7	158.4	154.3	153.6	146.6	135.2
27.5°	185.3	184.4	182.3	177.1	170.5	166.2	164.3	160.1	159.3	151.2	138.0
30°	205.2	206.3	202.9	195.7	183.7	174.6	170.9	166.1	165.4	156.2	141.3
32.5°	228.4	228.5	225.1	215.2	199.6	185.2	178.9	173.0	172.4	162.1	145.7
35°	241.8	242.4	240.9	231.7	213.8	196.8	188.5	181.3	180.9	169.5	151.2
37.5°	255.8	257.1	254.7	244.6	224.7	207.7	199.2	191.3	190.9	178.0	158.0
40°	276.5	276.0	273.5	258.6	234.8	216.7	209.7	203.6	202.6	188.5	165.0
42.5°	291.5	292.9	287.5	270.6	245.9	225.8	220.3	213.3	212.1	194.8	169.1
45°	296.6	295.3	289.4	277.1	260.5	234.0	230.3	225.0	223.7	205.9	177.2
47.5°	297.7	295.5	290.2	280.9	272.8	244.7	242.5	241.3	239.5	219.9	187.0
50°	290.9	289.4	287.0	282.3	280.8	254.7	255.8	260.3	258.8	235.0	197.8
52.5°	275.7	275.0	277.2	280.2	276.3	263.4	271.6	280.8	280.2	251.6	209.5
55°	247.0	247.0	259.4	269.9	272.3	269.0	288.6	304.4	303.7	270.2	220.6
57.5°	220.8	221.3	231.5	255.3	265.1	275.0	307.5	329.1	328.0	291.2	232.2
60°	187.8	187.8	203.4	233.2	254.9	279.7	324.3	352.9	353.6	311.5	243.7
62.5°	148.7	149.1	170.8	205.8	240.0	280.5	337.6	375.4	375.3	329.9	252.7
65°	109.6	109.7	139.2	175.3	217.8	274.7	344.8	392.7	393.5	344.4	257.9
67.5°	71.2	72.6	102.5	142.2	186.4	258.4	341.0	401.9	402.9	351.2	256.2
68°	66.7	66.9	97.0	133.2	177.9	254.3	339.2	402.3	403.1	351.0	254.6
70°	43.2	43.2	69.4	104.0	142.0	228.7	323.7	395.9	396.8	345.0	242.7
72.5°	23.3	23.7	39.6	63.0	97.0	176.9	292.2	362.3	363.9	311.9	212.2
75°	16.3	16.6	23.0	35.3	52.8	115.2	228.4	276.8	276.5	215.5	132.9
77.5°	11.8	11.8	13.2	21.9	27.7	52.7	113.0	133.3	131.8	105.2	67.1
80°	7.7	7.7	8.2	11.5	13.3	16.0	34.6	57.7	58.8	51.3	33.5
82.5°	3.2	3.3	3.6	4.7	4.8	6.7	9.9	16.6	16.0	13.0	9.5
85°	0.4	0.4	0.5	0.7	0.8	1.5	1.4	1.4	1.4	1.6	1.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.5	0.4
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: P972256

CATALOG NUMBER: GKO-PB1A-727-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5	118.5
2.5°	118.5	118.5	117.7	116.9	116.0	115.4	114.4	113.7	113.8	114.3	114.1
5°	119.2	118.5	116.9	115.1	113.7	112.5	110.7	109.7	109.6	109.9	109.7
7.5°	119.6	118.5	116.0	113.3	111.1	109.5	107.0	106.0	105.6	105.8	105.8
10°	120.4	118.7	115.2	111.4	108.6	106.3	103.7	102.3	101.9	101.9	101.8
12.5°	121.4	118.9	114.4	109.7	106.2	103.4	100.4	98.9	98.5	98.5	98.3
15°	122.4	119.3	113.6	108.0	103.8	100.5	97.7	95.9	95.3	95.3	95.6
17.5°	123.6	119.7	112.8	106.3	101.4	97.7	94.6	92.9	92.2	92.6	92.9
20°	124.8	120.6	111.9	104.5	98.9	95.1	92.0	90.3	89.6	90.3	90.4
22.5°	126.6	121.3	111.0	102.5	96.4	92.2	89.4	87.8	87.4	88.1	88.6
25°	128.4	122.1	109.7	100.3	93.3	89.2	87.0	85.7	85.9	86.8	87.4
27.5°	130.3	122.8	108.5	97.5	89.8	86.0	84.4	84.1	84.6	85.7	86.4
30°	132.6	123.7	106.9	94.4	86.0	82.6	81.9	82.7	83.7	84.8	85.5
32.5°	135.7	125.0	105.2	90.8	82.0	78.9	80.0	81.8	82.8	83.9	84.6
35°	139.9	127.4	104.2	87.2	77.8	75.7	78.2	81.1	81.9	82.6	83.4
37.5°	144.8	130.7	103.8	83.9	73.9	73.0	76.4	79.8	80.1	80.4	81.2
40°	149.7	133.2	102.7	80.4	70.0	70.0	74.2	77.5	77.4	77.0	77.5
42.5°	151.6	132.9	99.6	77.0	66.8	66.9	70.8	73.9	73.1	73.1	73.9
45°	157.1	135.1	97.3	74.2	63.9	63.4	66.4	68.9	70.2	72.0	72.8
47.5°	164.1	138.1	95.5	71.1	61.2	59.4	61.0	65.2	67.5	69.4	70.1
50°	171.3	141.6	93.8	67.8	58.4	54.9	55.7	60.2	62.3	63.2	63.6
52.5°	178.7	144.7	92.6	65.0	55.3	49.5	51.3	55.6	57.1	57.6	57.9
55°	185.3	147.3	91.5	62.7	51.7	45.3	46.6	51.0	52.1	52.7	53.1
57.5°	192.3	150.2	90.8	60.5	47.7	41.6	42.5	46.5	48.0	48.6	49.0
60°	198.5	152.9	90.3	58.2	44.0	38.3	38.8	42.7	44.3	44.6	45.0
62.5°	202.6	154.7	89.4	55.3	40.6	35.1	35.3	39.0	40.7	41.0	41.3
65°	203.7	154.3	87.0	51.4	37.2	32.0	32.0	35.5	37.4	38.4	38.8
67.5°	200.4	150.9	81.8	46.5	33.9	29.1	29.1	32.2	34.3	35.4	35.8
68°	199.3	149.4	80.1	45.3	33.1	28.4	28.4	31.7	33.6	34.6	34.8
70°	190.0	142.0	72.6	40.6	30.5	26.3	26.3	29.2	31.3	31.3	31.1
72.5°	165.0	123.0	59.7	34.0	26.6	23.3	23.7	26.5	27.2	27.8	27.7
75°	102.2	73.7	40.1	26.9	22.4	20.4	21.3	23.7	24.1	25.7	25.2
77.5°	51.2	36.1	21.3	15.6	17.3	17.6	19.1	20.8	22.1	23.7	22.6
80°	25.2	17.6	12.5	9.7	10.2	12.9	16.6	18.0	20.2	21.3	20.3
82.5°	7.0	5.3	5.1	5.3	7.5	10.0	13.0	15.9	18.8	19.8	18.4
85°	1.2	1.0	0.8	2.6	5.2	7.4	10.6	14.1	16.9	16.2	15.2
87.5°	0.4	0.3	0.3	1.6	3.8	6.0	9.1	12.6	14.4	13.0	11.7
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

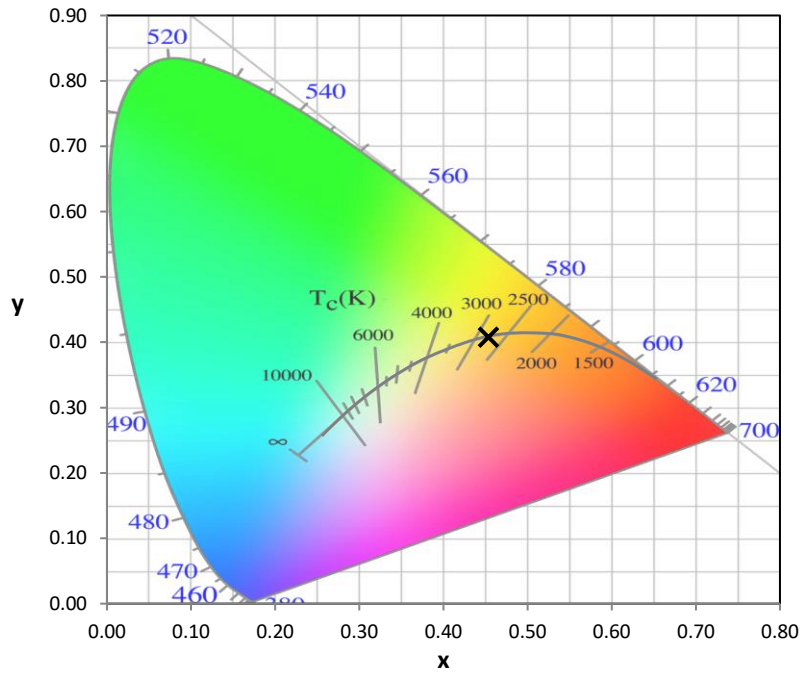
Data in this report applies to families of products including GKO-PB1E-727-U-T4W

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

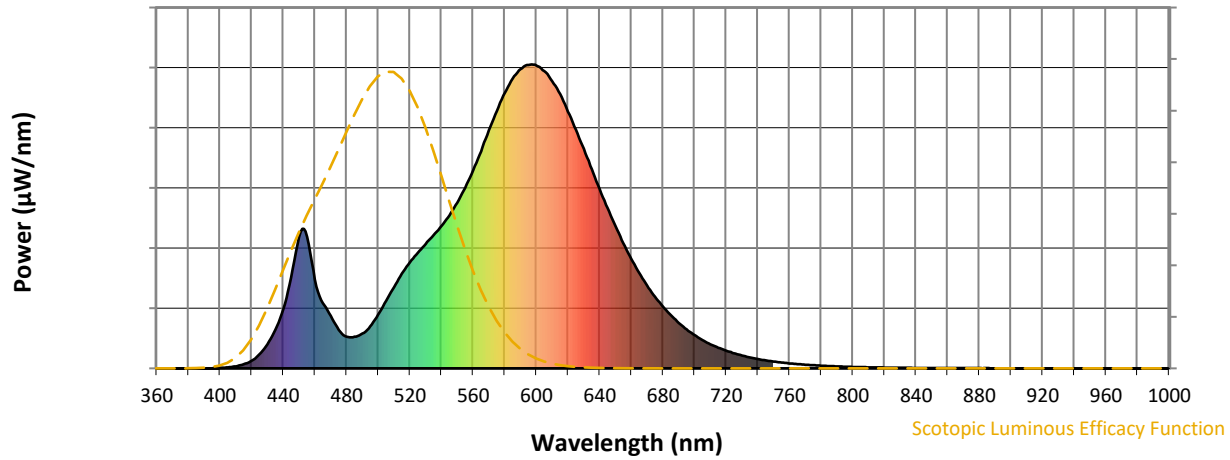


Photopic Lumens: NR

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

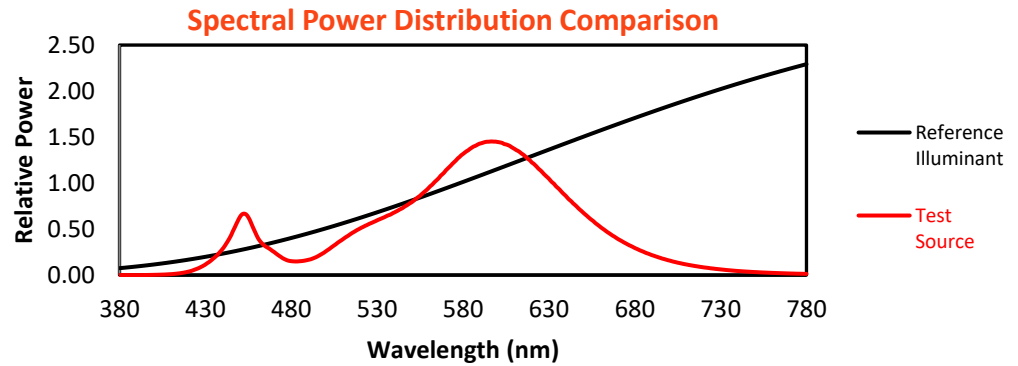
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114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

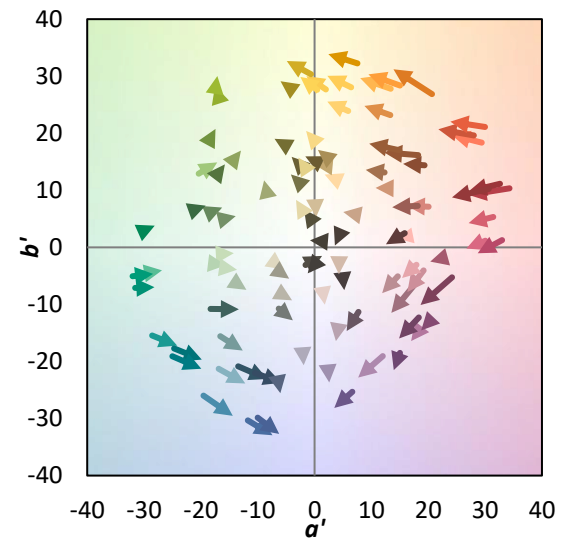
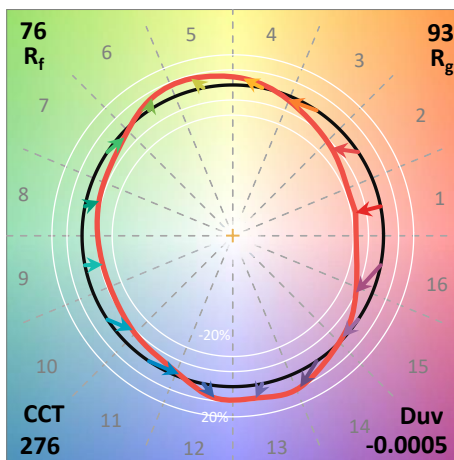
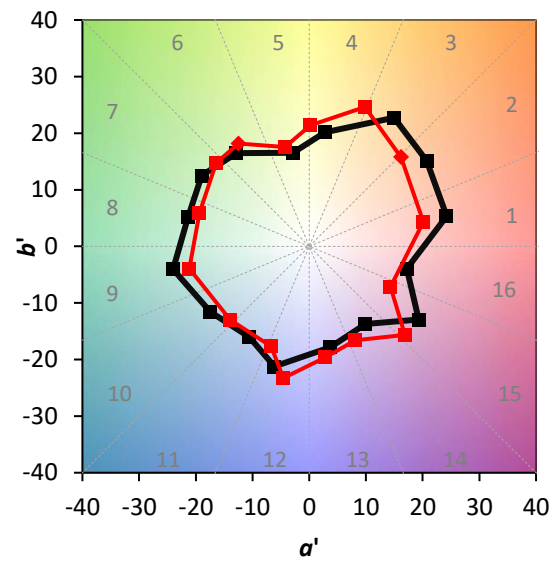
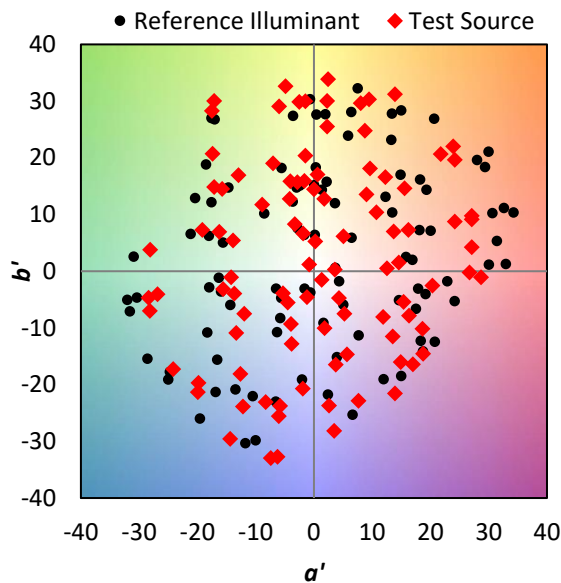
TM-30-18

Summary

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

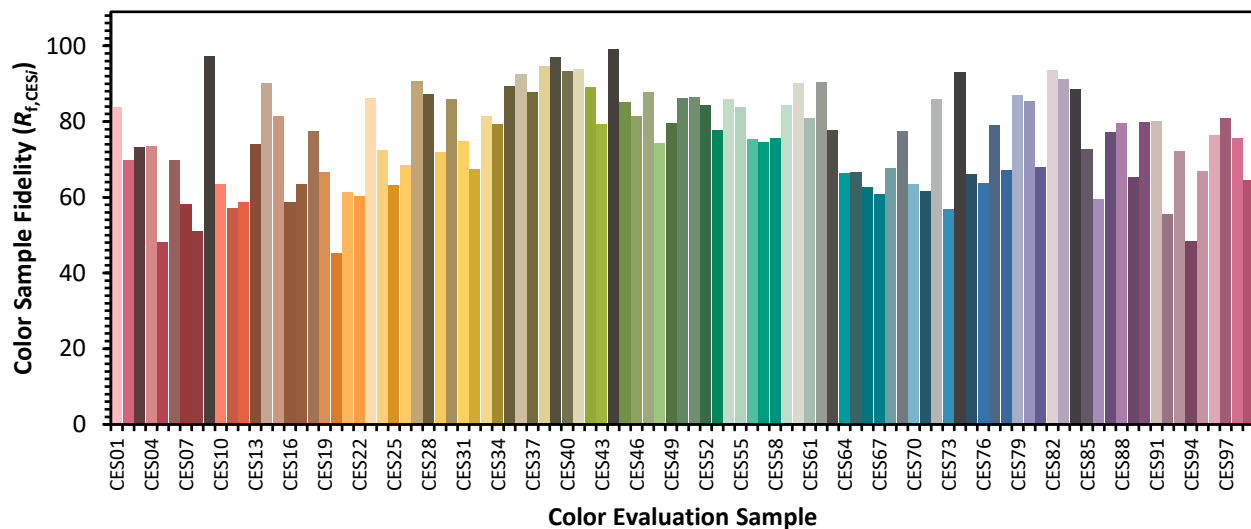


Color Vector Graphics

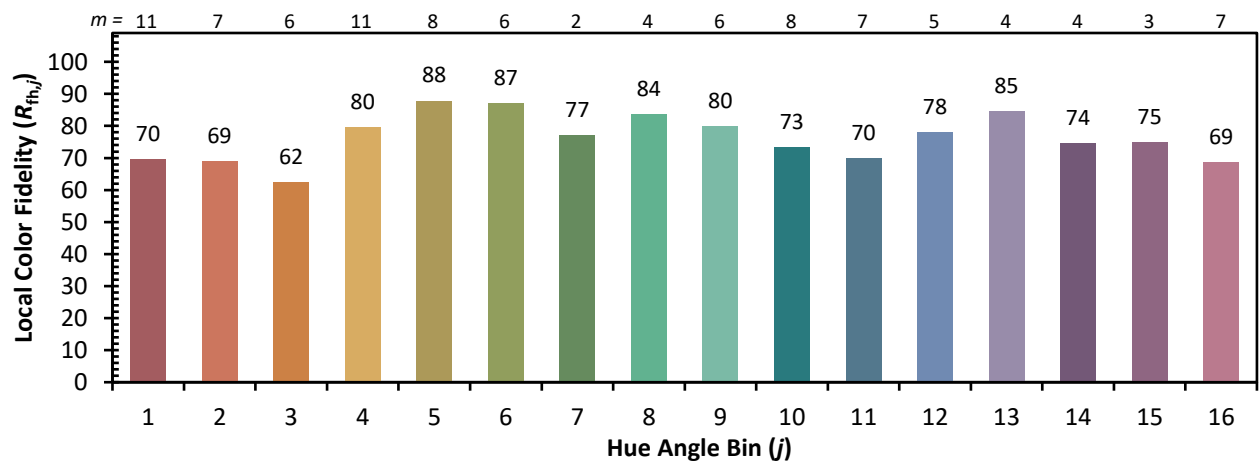
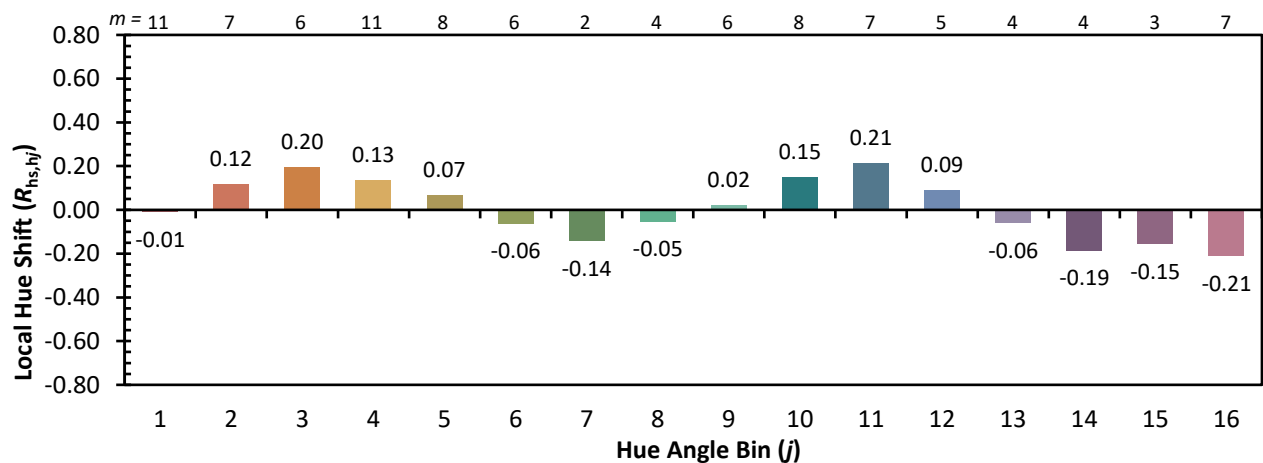


Individual Sample Fidelity Index ($R_{f,i}$)

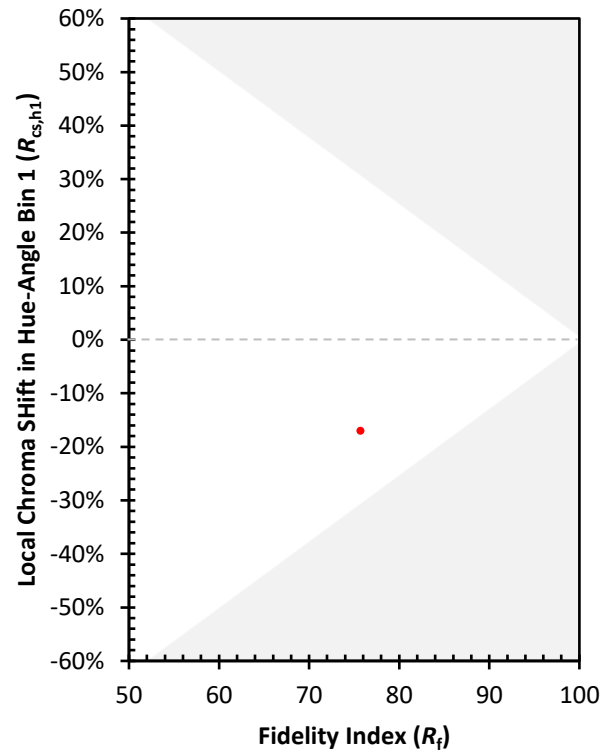
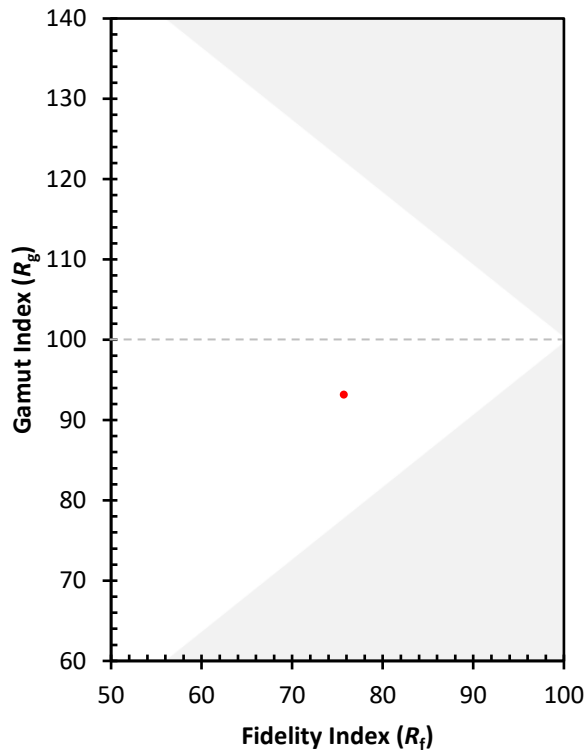
CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82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