

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: P972255

Luminaire Tested: **GKO-PB1B-727-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972255
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-T3
Description: GEKKO WALL PACK 1500LM 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: 1375.5 lumens
Efficiency: N/A
Efficacy: 147.9 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): 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

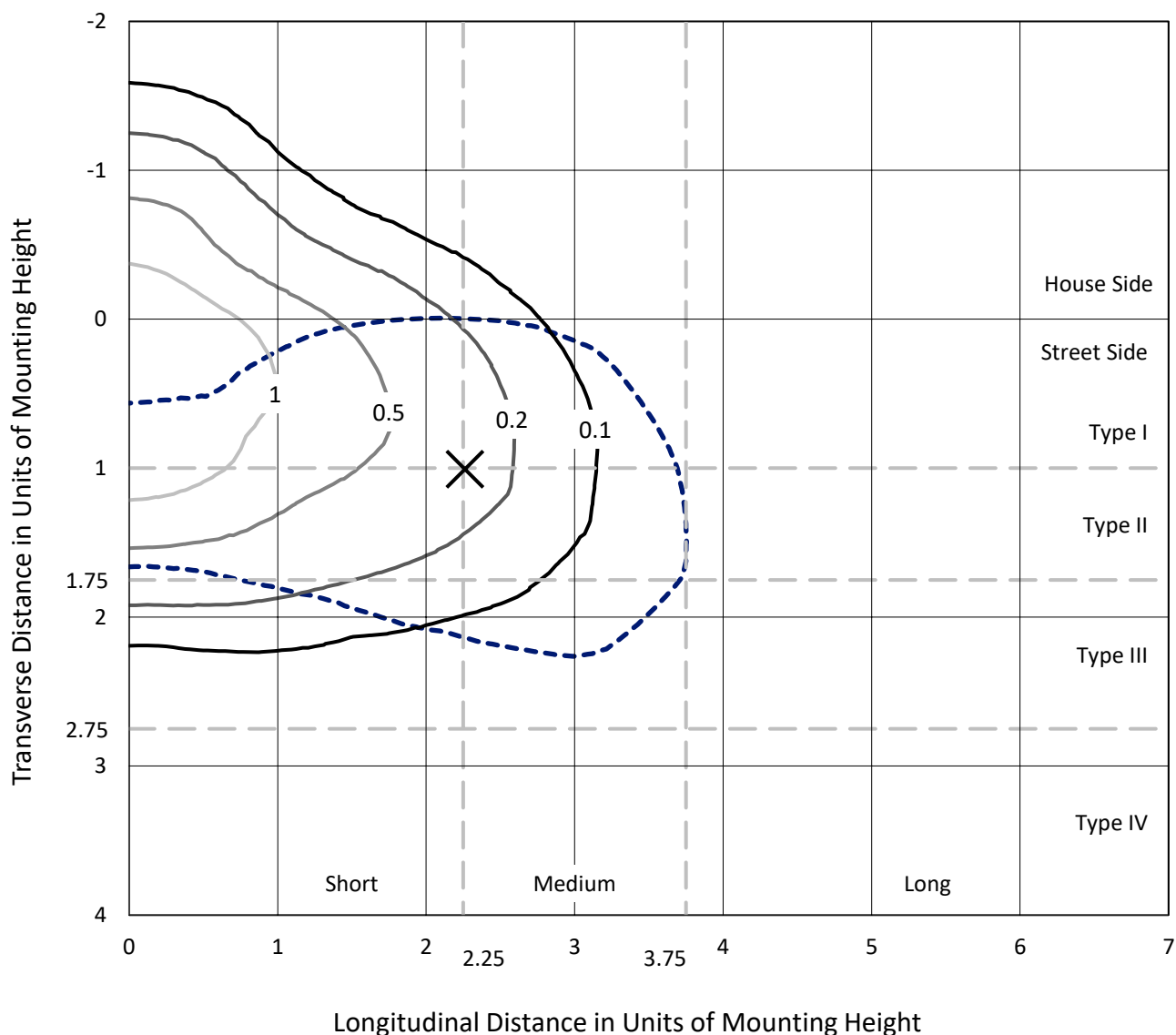
REPORT NUMBER: P972255

CATALOG NUMBER: GKO-PB1B-727-U-T3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

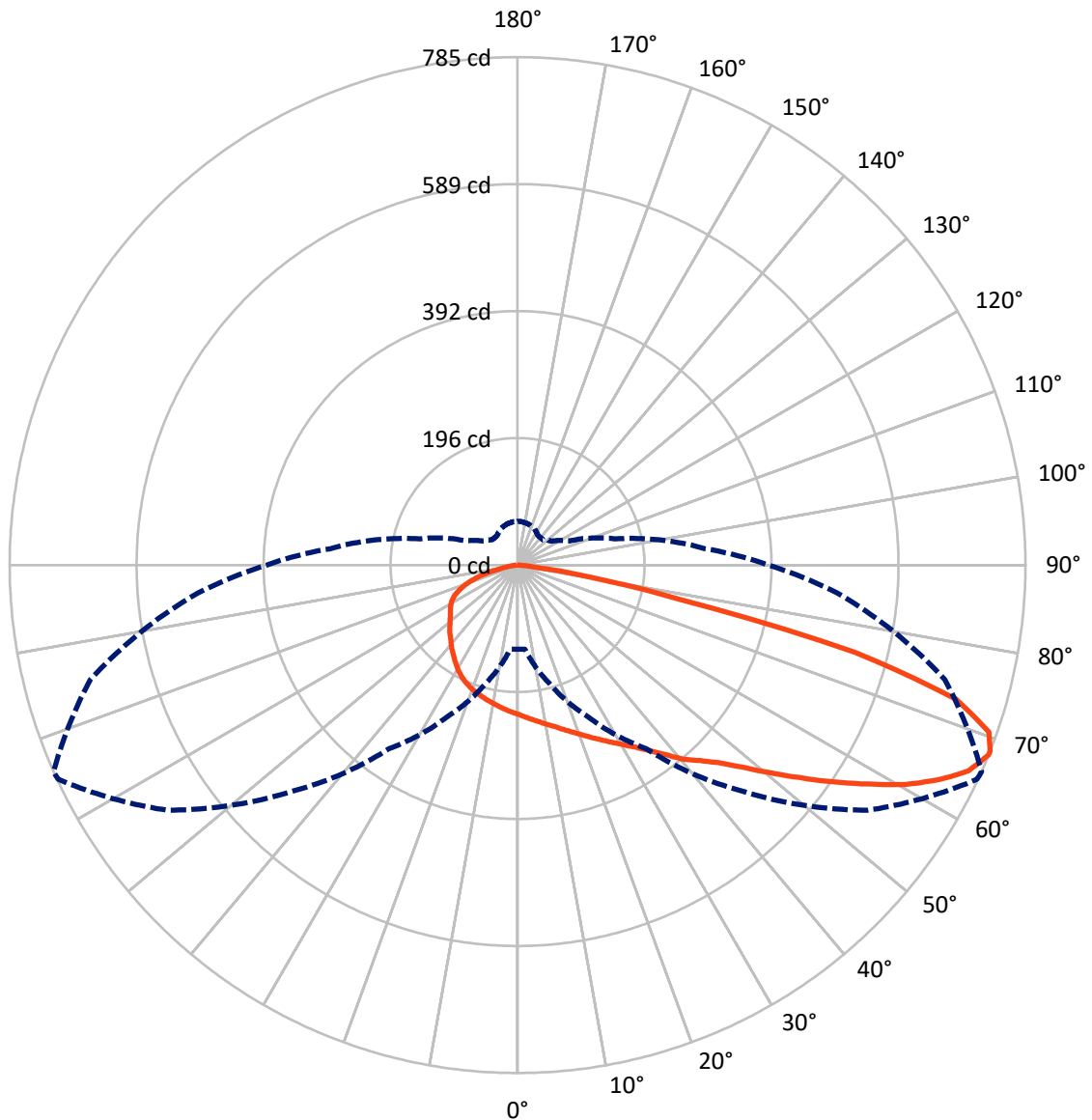
--- 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 1.8 fc
 Type III - Medium - N/A

REPORT NUMBER: P972255
CATALOG NUMBER: GKO-PB1B-727-U-T3

Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

REPORT NUMBER: P972255

CATALOG NUMBER: GKO-PB1B-727-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	352.1	0.0	352.1
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	1023.3	0.0	1023.3
	% Fixture	74.4	0.0	74.4
Total	Lumens	1375.5	0.0	1375.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.1	1.6
10°-20°	66.5	4.8
20°-30°	114.6	8.3
30°-40°	177.8	12.9
40°-50°	243.6	17.7
50°-60°	290.6	21.1
60°-70°	291.2	21.2
70°-80°	154.1	11.2
80°-90°	14.9	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°	1375.5	100.0
0°-180°	1375.5	100.0



REPORT NUMBER: P972255

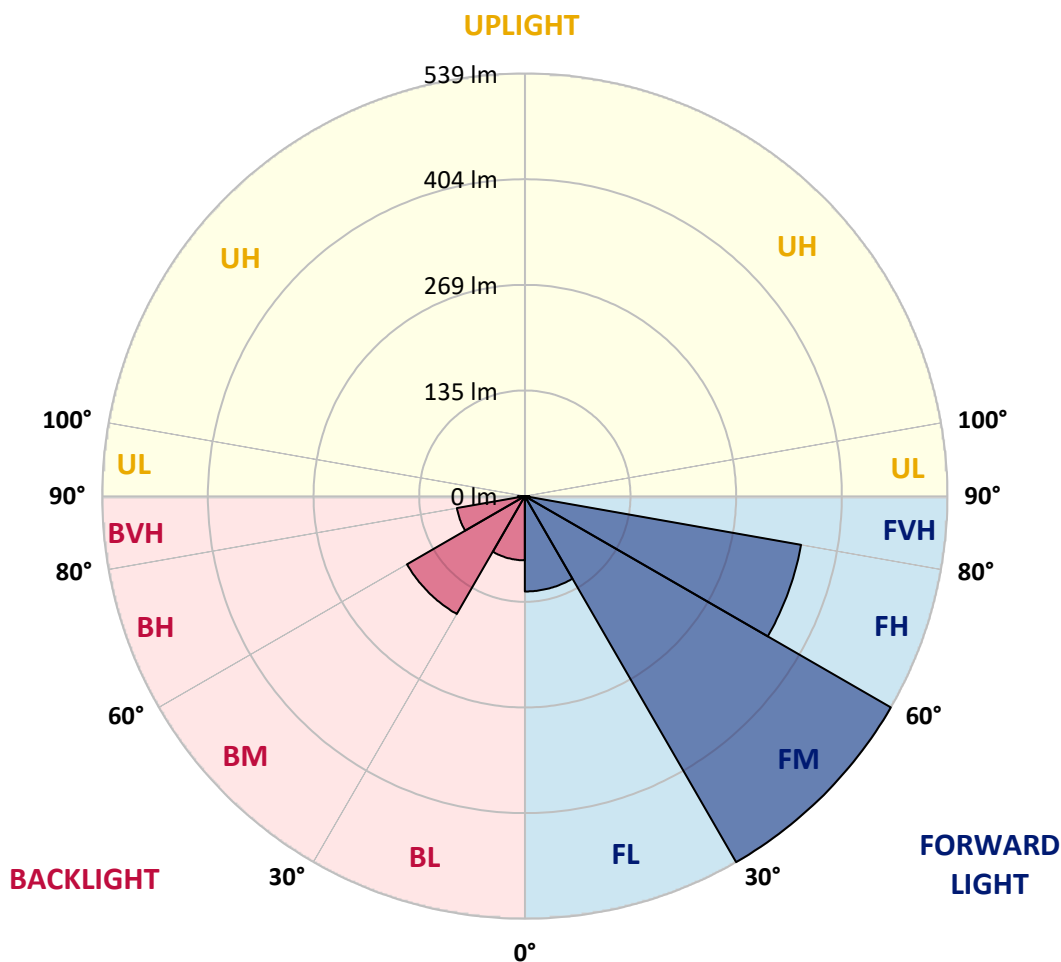
CATALOG NUMBER: GKO-PB1B-727-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	121.5	8.8			
FM	(30°-60°)	538.6	39.2			
FH	(60°-80°)	357.4	26.0			G0/660
FVH	(80°-90°)	5.8	0.4			G0/10
BL	(0°-30°)	81.8	5.9	B0/110		
BM	(30°-60°)	173.5	12.6	B0/220		
BH	(60°-80°)	87.9	6.4	B0/110		G0/110
BVH	(80°-90°)	9.0	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: P972255

CATALOG NUMBER: GKO-PB1B-727-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7
2.5°	240.3	240.3	239.8	239.5	239.2	237.6	236.6	235.2	235.2	233.1	231.2
5°	248.6	248.9	247.8	247.8	246.7	244.6	242.4	239.8	239.8	236.6	232.8
7.5°	255.8	256.6	255.5	255.5	254.5	252.1	248.6	244.8	244.8	240.3	235.0
10°	262.7	263.3	262.7	263.3	261.7	259.5	255.5	250.5	250.2	244.6	237.1
12.5°	268.3	268.9	269.1	269.9	268.6	267.0	263.3	256.9	256.1	249.4	239.8
15°	273.7	274.2	275.0	276.1	275.8	274.5	271.0	263.8	263.3	254.7	243.2
17.5°	278.0	278.2	279.8	282.0	282.5	282.8	279.0	271.5	271.0	260.9	247.0
20°	284.1	284.6	286.2	288.4	290.0	291.0	288.1	279.8	279.3	268.1	251.8
22.5°	298.0	297.2	298.0	298.0	298.8	300.4	298.2	290.0	288.9	276.6	257.7
25°	324.1	323.3	321.2	316.4	311.1	310.8	308.4	300.4	299.0	285.4	263.3
27.5°	360.7	358.9	354.9	344.7	331.9	323.6	319.9	311.6	310.0	294.2	268.6
30°	399.4	401.6	394.9	381.0	357.5	339.9	332.7	323.3	322.0	304.1	275.0
32.5°	444.6	444.8	438.2	418.9	388.5	360.5	348.2	336.7	335.6	315.6	283.6
35°	470.7	471.8	468.9	451.0	416.3	383.2	366.9	353.0	352.2	330.0	294.2
37.5°	498.0	500.4	495.8	476.1	437.4	404.2	387.7	372.5	371.7	346.6	307.6
40°	538.3	537.2	532.4	503.3	457.1	421.9	408.3	396.2	394.4	366.9	321.2
42.5°	567.4	570.1	559.6	526.8	478.7	439.5	428.8	415.2	412.8	379.2	329.2
45°	577.3	574.9	563.4	539.4	507.0	455.5	448.3	437.9	435.5	400.8	345.0
47.5°	579.4	575.1	565.0	546.8	531.1	476.3	472.1	469.7	466.2	428.0	363.9
50°	566.3	563.4	558.6	549.5	546.6	495.8	498.0	506.8	503.8	457.4	385.0
52.5°	536.7	535.3	539.6	545.5	537.8	512.7	528.7	546.6	545.5	489.7	407.7
55°	480.9	480.9	504.9	525.5	530.0	523.6	561.8	592.5	591.2	526.0	429.3
57.5°	429.9	430.7	450.7	496.9	516.1	535.3	598.6	640.6	638.4	566.9	452.0
60°	365.5	365.5	396.0	453.9	496.1	544.4	631.2	687.0	688.3	606.4	474.5
62.5°	289.4	290.2	332.4	400.5	467.3	546.0	657.1	730.8	730.5	642.2	491.8
65°	213.3	213.6	271.0	341.2	424.0	534.8	671.3	764.4	766.0	670.5	502.0
67.5°	138.6	141.2	199.5	276.9	362.9	503.0	663.8	782.3	784.2	683.5	498.8
68°	129.8	130.3	188.8	259.3	346.3	495.0	660.3	783.1	784.7	683.3	495.6
70°	84.1	84.1	135.1	202.4	276.4	445.1	630.1	770.6	772.5	671.5	472.3
72.5°	45.4	46.2	77.2	122.6	188.8	344.4	568.7	705.2	708.4	607.2	413.1
75°	31.8	32.3	44.9	68.6	102.8	224.3	444.6	538.8	538.3	419.5	258.7
77.5°	23.0	23.0	25.6	42.7	53.9	102.5	220.0	259.5	256.6	204.8	130.6
80°	15.0	15.0	16.0	22.4	25.9	31.2	67.3	112.4	114.5	99.9	65.1
82.5°	6.1	6.4	6.9	9.1	9.3	13.1	19.2	32.3	31.2	25.4	18.4
85°	0.8	0.8	1.1	1.3	1.6	2.9	2.7	2.7	2.7	3.2	2.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	0.8	1.1	0.8
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: P972255

CATALOG NUMBER: GKO-PB1B-727-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7	230.7
2.5°	230.7	230.7	229.1	227.5	225.9	224.6	222.7	221.3	221.6	222.4	222.1
5°	232.0	230.7	227.5	224.0	221.3	218.9	215.5	213.6	213.3	213.9	213.6
7.5°	232.8	230.7	225.9	220.5	216.3	213.1	208.3	206.4	205.6	205.9	205.9
10°	234.4	231.0	224.3	216.8	211.5	206.9	201.9	199.2	198.4	198.4	198.1
12.5°	236.3	231.5	222.7	213.6	206.7	201.3	195.4	192.5	191.7	191.7	191.4
15°	238.2	232.3	221.1	210.1	202.1	195.7	190.1	186.6	185.6	185.6	186.1
17.5°	240.6	233.1	219.5	206.9	197.3	190.1	184.2	180.8	179.4	180.2	180.8
20°	243.0	234.7	217.9	203.5	192.5	185.0	179.2	175.7	174.4	175.7	176.0
22.5°	246.4	236.0	216.0	199.5	187.7	179.4	174.1	170.9	170.1	171.4	172.5
25°	249.9	237.6	213.6	195.2	181.6	173.6	169.3	166.9	167.1	169.0	170.1
27.5°	253.7	239.0	211.2	189.8	174.9	167.4	164.2	163.7	164.7	166.9	168.2
30°	258.2	240.8	208.0	183.7	167.4	160.7	159.4	161.0	162.9	165.0	166.3
32.5°	264.1	243.2	204.8	176.8	159.7	153.5	155.7	159.1	161.3	163.4	164.7
35°	272.3	248.0	202.9	169.8	151.4	147.4	152.2	157.8	159.4	160.7	162.3
37.5°	282.0	254.5	202.1	163.4	143.9	142.0	148.7	155.4	155.9	156.5	158.1
40°	291.3	259.3	200.0	156.5	136.2	136.2	144.5	150.9	150.6	149.8	150.9
42.5°	295.0	258.7	193.8	149.8	130.0	130.3	137.8	143.9	142.3	142.3	143.9
45°	305.7	263.0	189.3	144.5	124.4	123.4	129.2	134.0	136.7	140.2	141.8
47.5°	319.3	268.9	185.8	138.3	119.1	115.6	118.8	126.8	131.4	135.1	136.4
50°	333.5	275.6	182.6	131.9	113.7	106.8	108.4	117.2	121.2	123.1	123.9
52.5°	347.9	281.7	180.2	126.6	107.6	96.4	99.9	108.1	111.1	112.1	112.7
55°	360.7	286.8	178.1	122.0	100.7	88.1	90.8	99.3	101.5	102.5	103.3
57.5°	374.3	292.4	176.8	117.8	92.9	80.9	82.8	90.5	93.5	94.5	95.3
60°	386.4	297.7	175.7	113.2	85.7	74.5	75.6	83.0	86.2	86.8	87.6
62.5°	394.4	301.2	174.1	107.6	79.0	68.4	68.6	75.8	79.3	79.8	80.4
65°	396.5	300.4	169.3	100.1	72.4	62.2	62.2	69.2	72.9	74.8	75.6
67.5°	390.1	293.7	159.1	90.5	66.0	56.6	56.6	62.7	66.8	68.9	69.7
68°	388.0	290.8	155.9	88.1	64.3	55.3	55.3	61.7	65.4	67.3	67.8
70°	369.8	276.4	141.2	79.0	59.3	51.3	51.3	56.9	60.9	60.9	60.6
72.5°	321.2	239.5	116.1	66.2	51.8	45.4	46.2	51.5	52.9	54.2	53.9
75°	198.9	143.4	78.0	52.3	43.5	39.8	41.4	46.2	47.0	49.9	49.1
77.5°	99.6	70.2	41.4	30.4	33.6	34.2	37.1	40.6	43.0	46.2	44.1
80°	49.1	34.2	24.3	19.0	19.8	25.1	32.3	35.0	39.3	41.4	39.5
82.5°	13.6	10.4	9.9	10.4	14.7	19.5	25.4	31.0	36.6	38.4	35.8
85°	2.4	1.9	1.6	5.1	10.1	14.4	20.6	27.5	32.8	31.5	29.6
87.5°	0.8	0.5	0.5	3.2	7.5	11.7	17.6	24.6	28.0	25.4	22.7
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

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
 Rf: 75.7
 Rg: 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

Photopic Flux vs. Wavelength

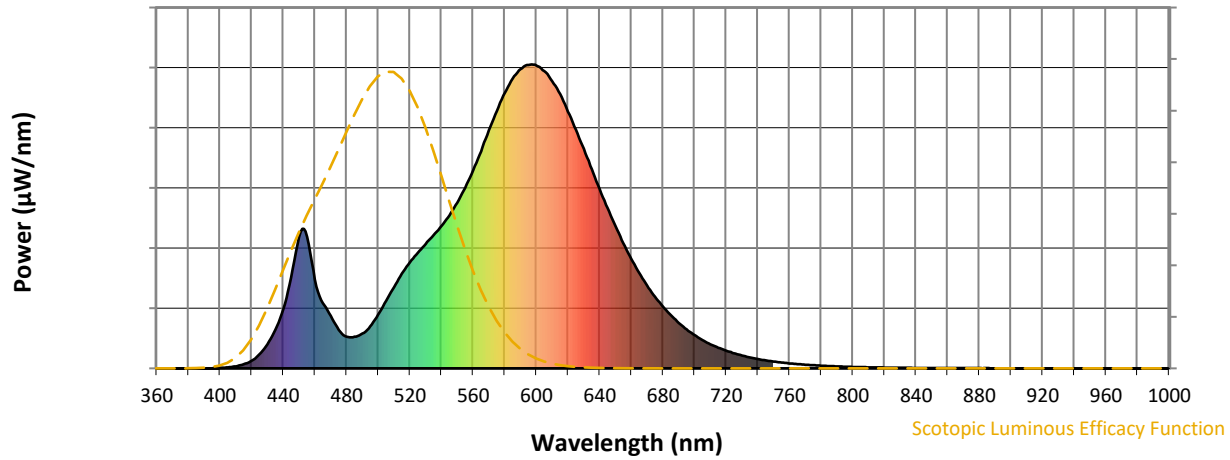


Photopic Lumens: NR

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

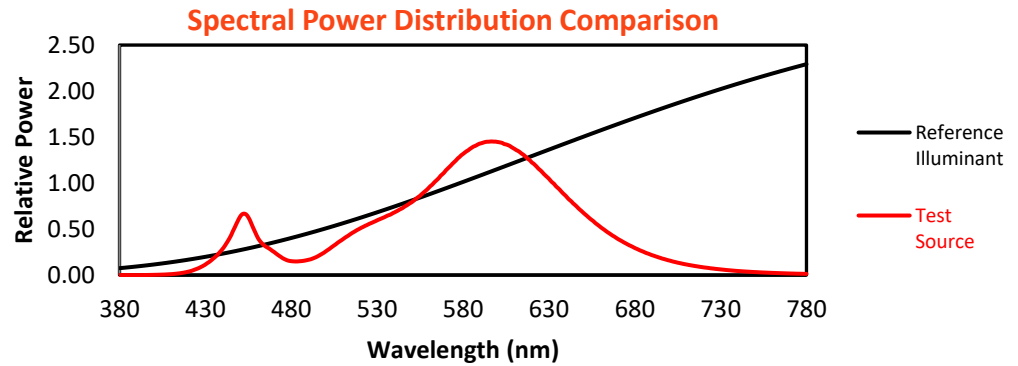
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114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

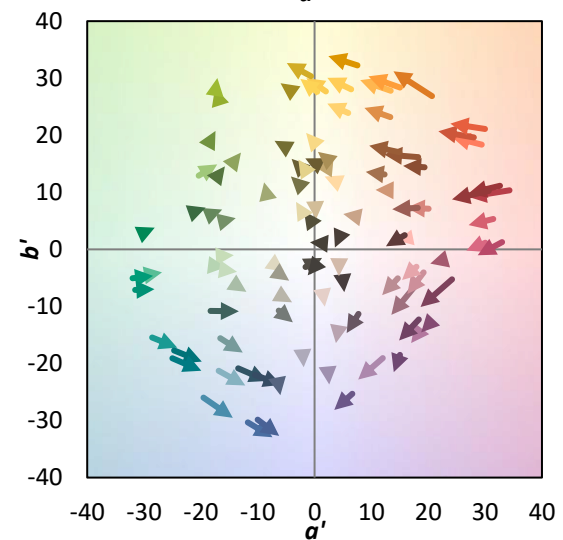
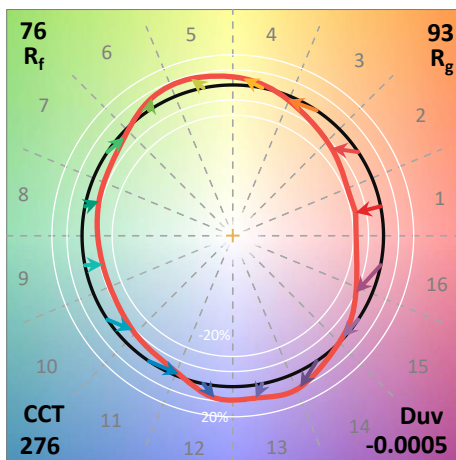
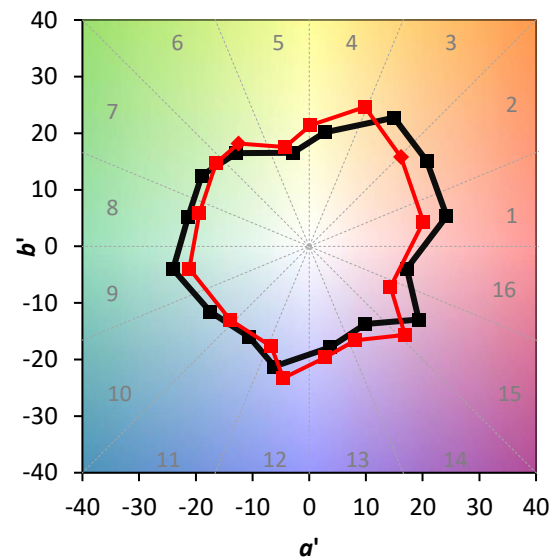
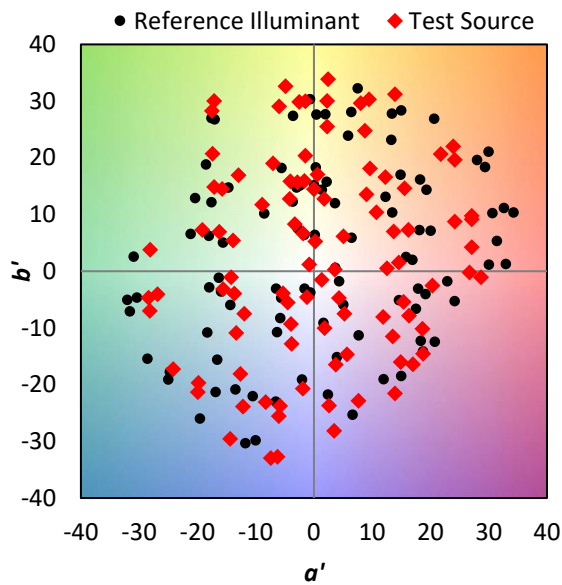
TM-30-18

Summary

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

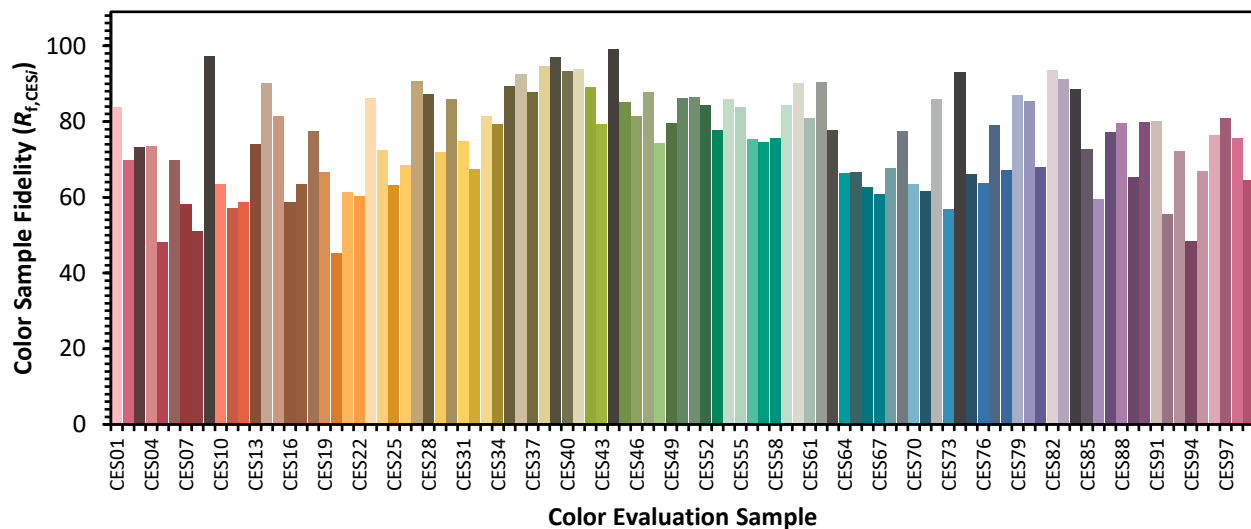


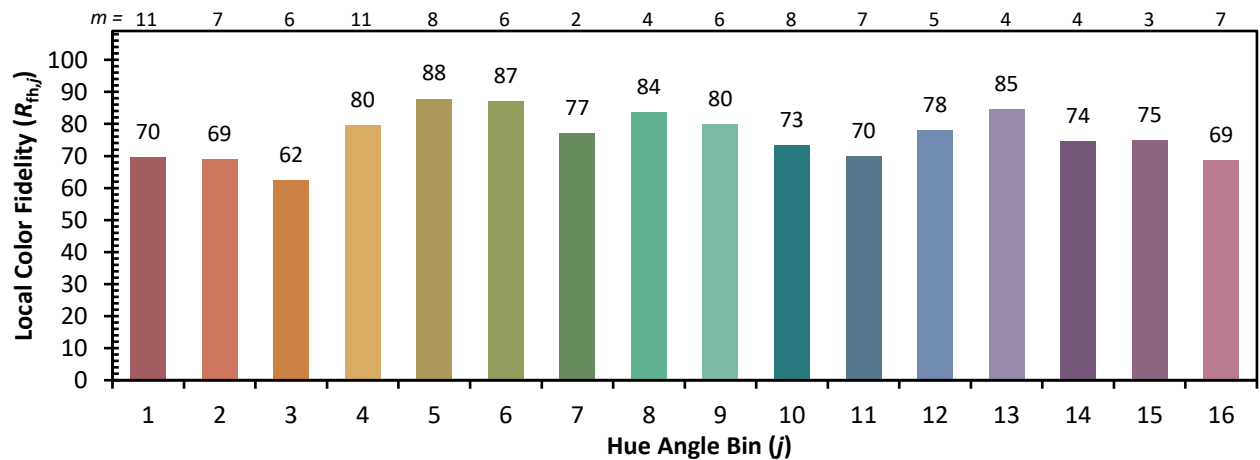
Color Vector Graphics



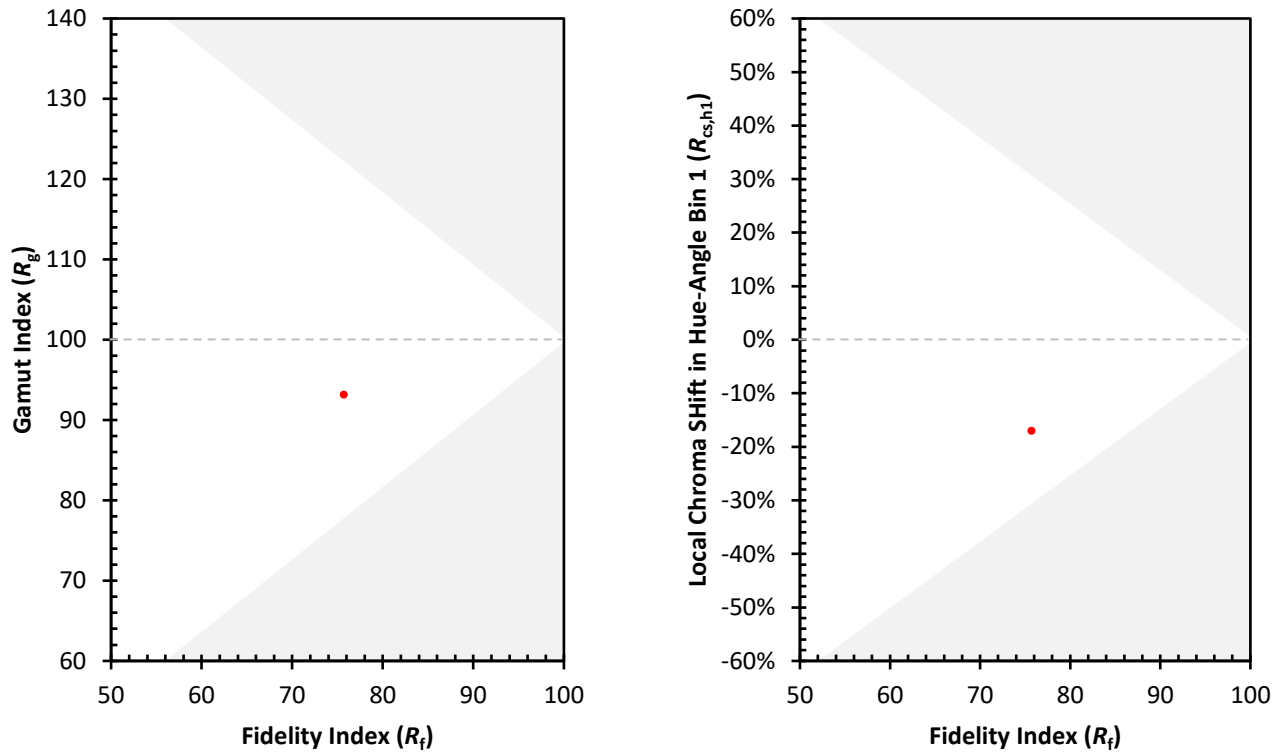
Individual Sample Fidelity Index ($R_{f,i}$)

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)