

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: P972211

Luminaire Tested: **GKO-PB2A-727-U-T4W**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972211
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2A-727-U-T4W
Description: GEKKO WALL PACK 4000LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (20) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3733.3 lumens
Efficiency: N/A
Efficacy: 140.9 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 26.5
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 12%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

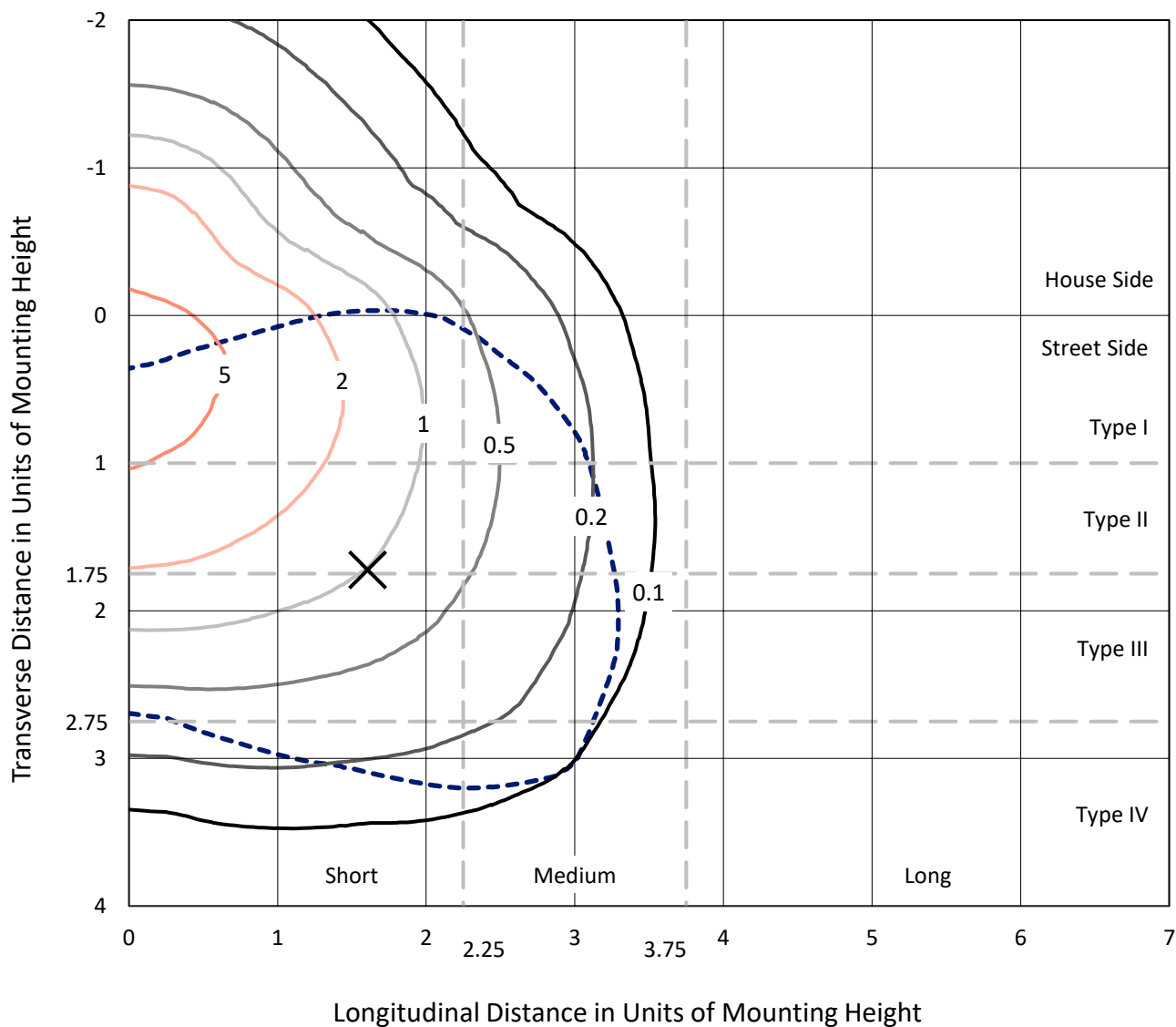
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CATALOG NUMBER: GKO-PB2A-727-U-T4W

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

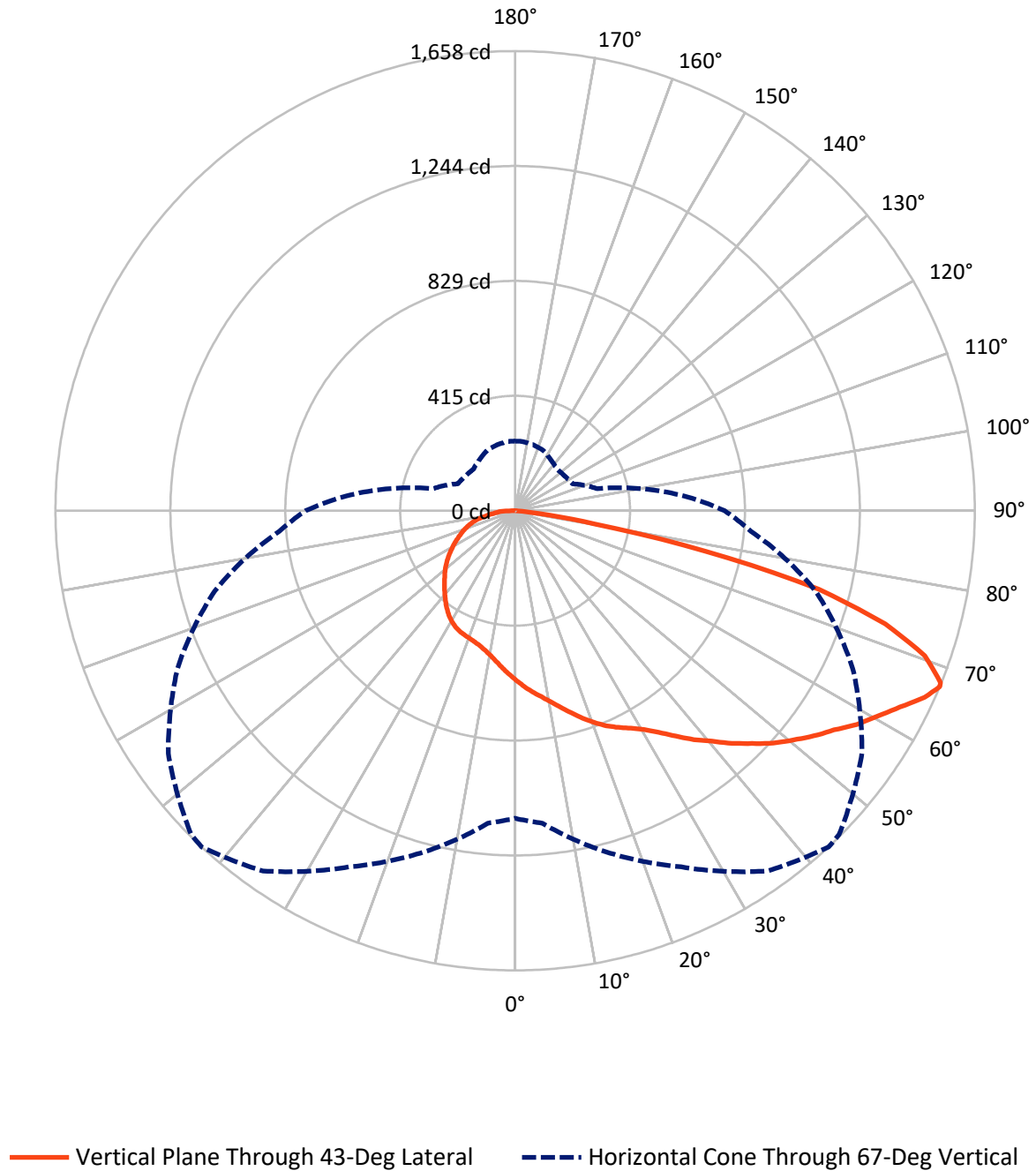


Based on 10 foot mounting height. Maximum calculated value = 7.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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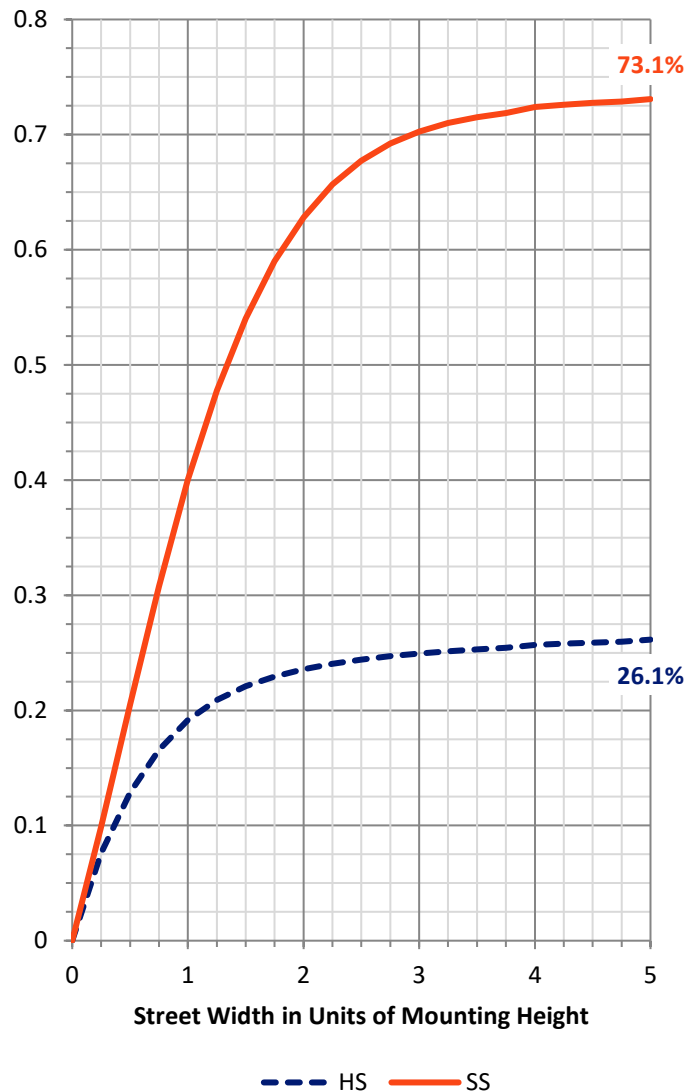
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1004.1	0.0	1004.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	2729.1	0.0	2729.1
	% Fixture	73.1	0.0	73.1
Total	Lumens	3733.3	0.0	3733.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	1.6
10°-20°	180.0	4.8
20°-30°	311.7	8.3
30°-40°	462.5	12.4
40°-50°	628.3	16.8
50°-60°	771.3	20.7
60°-70°	813.0	21.8
70°-80°	448.7	12.0
80°-90°	59.1	1.6
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°	3733.3	100.0
0°-180°	3733.3	100.0



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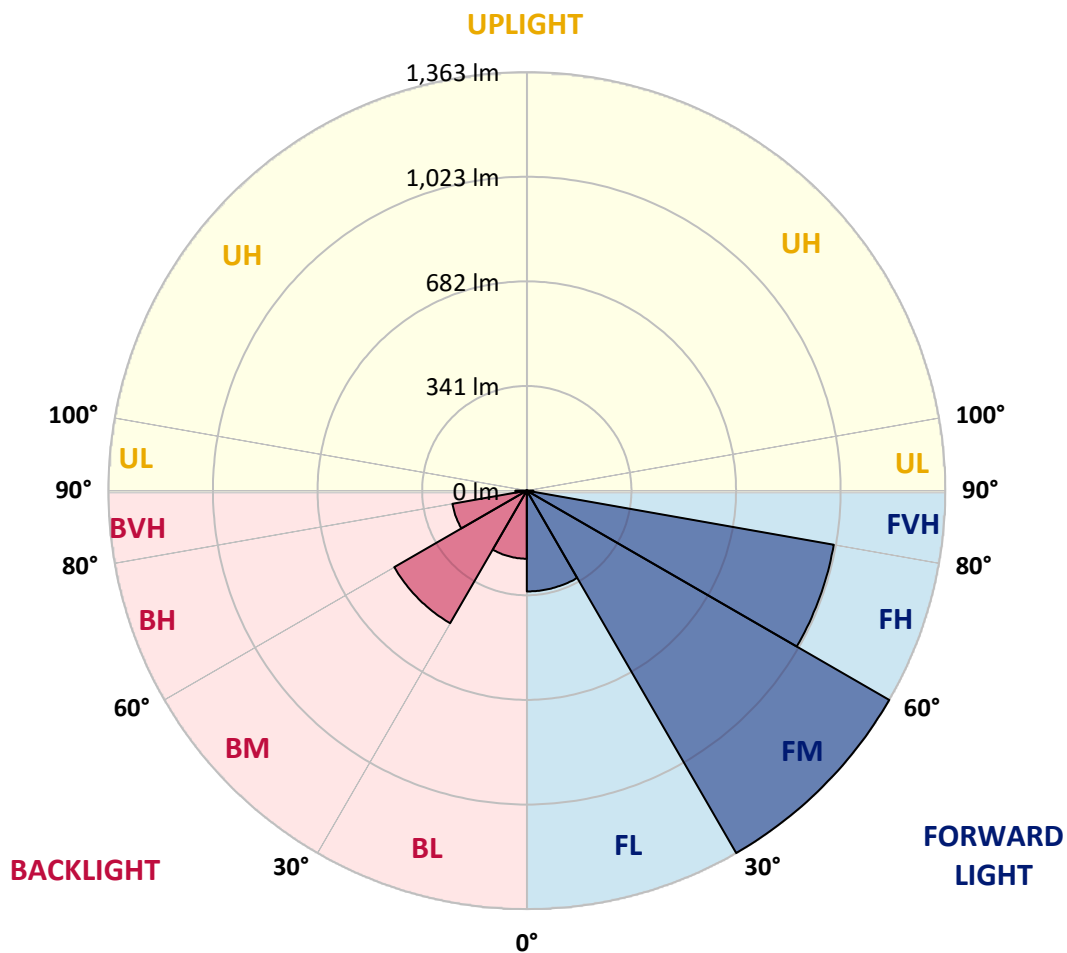
CATALOG NUMBER: GKO-PB2A-727-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	328.4	8.8			
FM	(30°-60°)	1363.5	36.5			
FH	(60°-80°)	1015.6	27.2			G1/1800
FVH	(80°-90°)	21.6	0.6			G1/100
BL	(0°-30°)	221.8	5.9	B1/500		
BM	(30°-60°)	498.7	13.4	B1/1000		
BH	(60°-80°)	246.1	6.6	B1/500		G1/500
BVH	(80°-90°)	37.5	1.0			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	612.8	612.8	612.8	612.8	612.8	612.8	612.8	612.8	612.8	612.8	612.8
2.5°	641.2	642.7	641.2	639.7	636.7	635.2	633.7	629.9	625.5	618.7	613.5
5°	669.6	669.6	667.3	665.8	661.3	656.9	654.6	645.6	635.9	624.7	614.3
7.5°	695.7	698.7	695.0	691.2	684.5	677.0	675.5	662.1	648.6	633.7	618.0
10°	728.6	730.8	725.6	722.6	709.9	700.2	697.2	680.8	662.8	644.1	624.0
12.5°	762.2	763.7	760.0	753.2	739.8	727.8	723.4	701.7	678.5	656.1	630.7
15°	791.4	792.9	791.4	783.9	771.2	756.2	750.3	726.3	698.0	668.8	638.9
17.5°	813.0	816.0	816.0	812.3	801.1	786.9	783.1	753.2	720.4	683.8	648.6
20°	831.7	833.2	836.2	834.0	828.0	816.0	810.8	782.4	742.8	700.9	658.3
22.5°	846.7	848.2	853.4	852.6	848.9	842.9	837.7	811.5	768.9	718.1	667.3
25°	872.8	872.1	875.1	872.8	868.3	866.1	863.1	839.9	795.1	738.3	679.3
27.5°	918.4	916.9	913.9	902.7	891.5	888.5	886.3	869.8	825.7	761.5	692.7
30°	985.6	987.1	972.9	947.5	925.1	916.2	913.2	902.0	860.1	788.4	707.7
32.5°	1065.6	1064.9	1041.7	1005.8	970.7	952.8	946.8	934.8	894.5	815.3	724.9
35°	1123.1	1121.7	1109.7	1077.6	1040.9	998.4	987.1	968.5	931.1	845.9	742.0
37.5°	1200.9	1198.6	1175.5	1141.8	1108.9	1047.7	1035.0	1009.6	966.2	875.8	761.5
40°	1289.8	1275.6	1237.5	1203.1	1158.3	1093.3	1082.8	1049.9	1006.6	912.4	783.9
42.5°	1370.5	1349.6	1300.2	1256.9	1200.9	1147.1	1133.6	1094.8	1045.4	946.0	807.1
45°	1491.6	1440.7	1369.7	1344.3	1247.2	1197.9	1186.7	1138.8	1088.0	982.7	830.2
47.5°	1476.6	1440.7	1417.6	1414.6	1295.8	1253.2	1236.7	1187.4	1133.6	1021.5	854.1
50°	1505.7	1477.4	1478.8	1442.2	1339.9	1300.2	1288.3	1238.2	1179.9	1059.6	879.5
52.5°	1499.8	1508.0	1503.5	1446.7	1382.4	1349.6	1340.6	1290.5	1224.0	1096.2	902.0
55°	1547.6	1543.1	1533.4	1477.4	1429.5	1395.9	1388.4	1345.1	1268.9	1127.6	921.4
57.5°	1582.7	1559.6	1558.8	1511.7	1481.8	1454.2	1442.2	1401.1	1310.7	1155.3	936.3
60°	1561.0	1533.4	1553.6	1517.0	1514.0	1503.5	1496.8	1450.5	1348.1	1176.2	942.3
62.5°	1445.2	1451.9	1511.7	1509.5	1549.1	1558.8	1551.3	1484.8	1372.7	1183.7	937.8
65°	1292.0	1312.2	1404.1	1482.6	1590.2	1623.8	1616.3	1509.5	1370.5	1166.5	907.9
67°	1109.7	1131.4	1274.8	1417.6	1586.5	1658.2	1653.0	1527.4	1343.6	1122.4	854.1
67.5°	1069.3	1094.0	1237.5	1387.7	1573.0	1655.2	1651.5	1528.9	1334.6	1101.5	833.2
70°	786.9	816.0	1018.5	1219.5	1465.4	1568.5	1567.8	1472.9	1242.0	987.9	722.6
72.5°	490.2	516.4	726.3	951.3	1269.6	1396.6	1391.4	1283.1	1069.3	806.3	570.2
75°	300.4	316.8	457.3	620.2	920.6	1130.6	1138.1	1002.8	729.3	479.0	322.1
77.5°	183.8	201.8	288.4	382.6	562.7	703.2	704.7	556.0	374.4	260.8	176.4
80°	102.4	106.9	150.2	200.3	288.4	289.9	278.0	245.1	194.3	125.5	90.4
82.5°	40.4	43.3	65.0	80.7	82.2	85.9	80.0	72.5	61.3	40.4	28.4
85°	0.0	0.0	0.0	1.5	5.2	10.5	10.5	7.5	3.0	2.2	2.2
87.5°	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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-PB2A-727-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	612.8	612.8	612.8	612.8	612.8	612.8	612.8	612.8	612.8	612.8	612.8
2.5°	612.0	611.3	606.0	600.1	595.6	591.8	588.1	583.6	583.6	585.1	584.4
5°	610.5	606.8	597.1	586.6	578.4	570.9	564.2	558.2	557.5	558.2	559.0
7.5°	611.3	604.5	589.6	573.9	560.5	550.7	541.0	536.5	535.8	535.8	535.8
10°	614.3	604.5	584.4	562.7	546.3	532.1	521.6	517.1	517.9	518.6	519.4
12.5°	619.5	606.0	580.6	553.0	532.1	517.9	507.4	503.7	506.6	510.4	511.1
15°	624.7	609.0	576.9	544.8	520.8	505.2	497.7	496.9	502.2	508.9	510.4
17.5°	630.7	611.3	572.4	534.3	508.9	496.2	492.5	494.7	502.9	513.4	515.6
20°	636.7	614.3	567.2	524.6	497.7	488.7	491.0	497.7	508.1	520.8	523.1
22.5°	642.7	616.5	560.5	512.6	485.7	482.7	491.0	502.2	512.6	526.8	529.8
25°	649.4	619.5	552.2	497.7	473.8	476.0	490.2	503.7	514.9	529.8	533.6
27.5°	659.8	624.0	544.0	484.2	460.3	467.8	486.5	502.9	514.9	529.1	533.6
30°	670.3	628.5	537.3	470.0	446.9	456.6	479.0	499.2	511.1	523.8	529.8
32.5°	682.3	634.4	531.3	455.8	431.9	443.9	468.5	491.0	505.2	516.4	522.3
35°	695.0	643.4	526.8	443.1	417.0	427.4	452.8	480.5	494.7	505.2	510.4
37.5°	711.4	653.1	523.8	430.4	401.3	410.3	436.4	465.5	482.0	490.2	496.9
40°	729.3	667.3	523.8	420.0	386.3	392.3	419.2	450.6	467.0	473.8	480.5
42.5°	747.3	681.5	523.1	409.5	370.6	375.1	402.0	434.2	449.9	455.1	460.3
45°	768.2	698.0	522.3	397.5	353.5	357.9	385.6	417.7	432.7	437.2	441.6
47.5°	790.6	714.4	519.4	382.6	337.8	341.5	369.2	399.0	414.0	419.2	423.7
50°	810.8	730.1	511.9	365.4	323.6	327.3	352.0	376.6	390.1	396.1	400.5
52.5°	828.7	741.3	499.9	346.0	307.9	312.4	331.0	352.7	363.2	367.7	370.6
55°	842.9	747.3	480.5	327.3	292.9	295.2	310.1	329.5	337.8	338.5	340.8
57.5°	852.6	746.5	454.3	305.6	278.0	278.7	289.2	306.4	312.4	311.6	313.1
60°	854.9	736.8	423.0	285.5	263.0	260.8	271.3	283.2	287.0	289.9	293.7
62.5°	845.9	713.6	387.1	265.3	248.1	244.4	251.8	262.3	268.3	269.8	271.3
65°	813.0	671.0	343.7	244.4	233.1	226.4	234.6	249.6	259.3	262.3	261.5
67°	755.5	611.3	306.4	228.7	218.2	212.2	224.2	239.9	246.6	251.1	251.1
67.5°	736.8	589.6	293.7	223.4	214.5	209.2	220.4	235.4	244.4	249.6	249.6
70°	625.5	483.5	248.1	197.3	192.8	193.5	207.0	223.4	234.6	239.9	239.9
72.5°	476.8	374.4	201.8	171.9	170.4	175.6	192.8	207.7	221.9	230.9	230.2
75°	270.5	216.0	147.2	140.5	146.5	156.9	178.6	195.0	207.7	216.7	216.0
77.5°	157.7	130.0	101.6	96.4	113.6	137.5	159.9	180.8	189.8	192.8	190.6
80°	80.0	68.0	63.5	65.8	76.2	102.4	139.7	164.4	171.1	173.4	171.1
82.5°	25.4	23.2	25.4	33.6	50.8	80.7	112.8	148.7	156.9	156.9	156.2
85°	1.5	1.5	1.5	14.9	35.1	59.8	88.2	130.0	147.2	145.7	143.5
87.5°	0.7	0.7	0.7	9.7	27.6	50.1	77.7	118.1	140.5	130.0	122.6
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

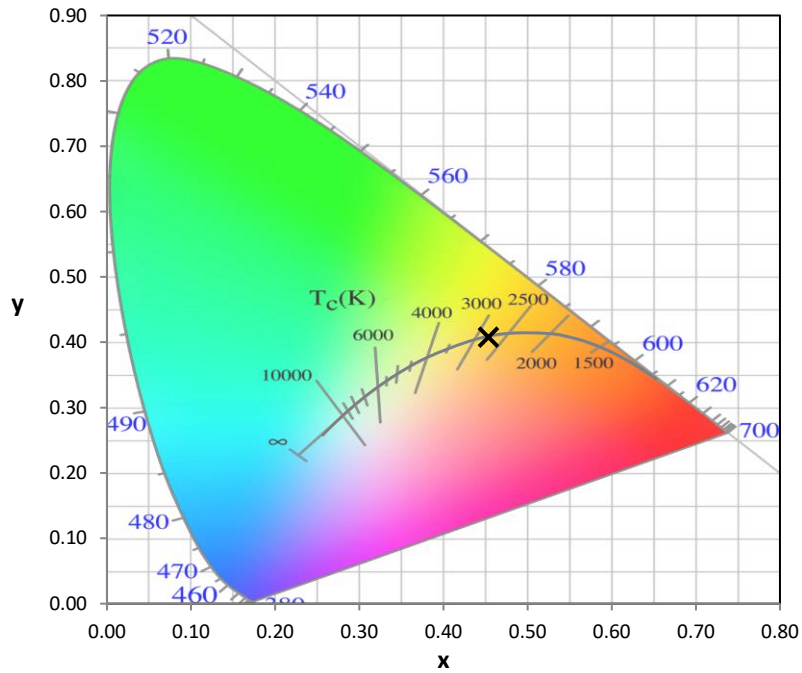
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.0

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

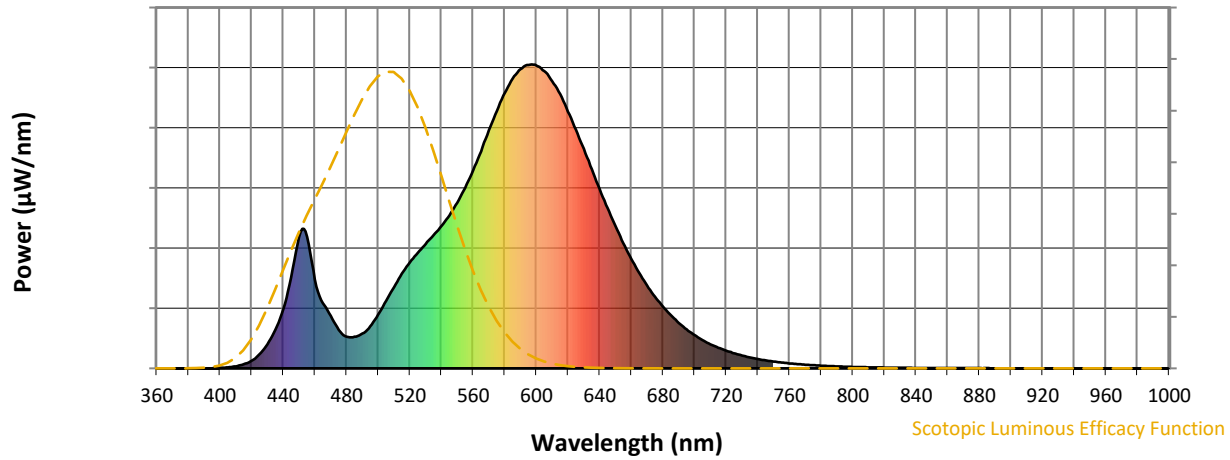


Photopic Lumens: NR

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

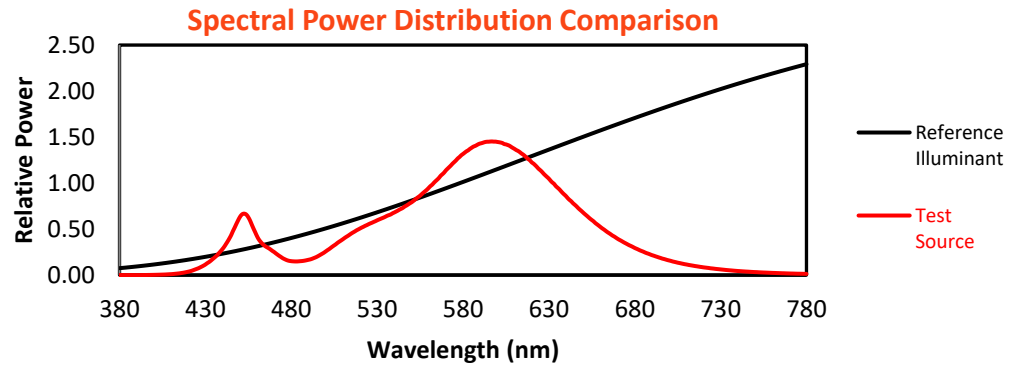
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	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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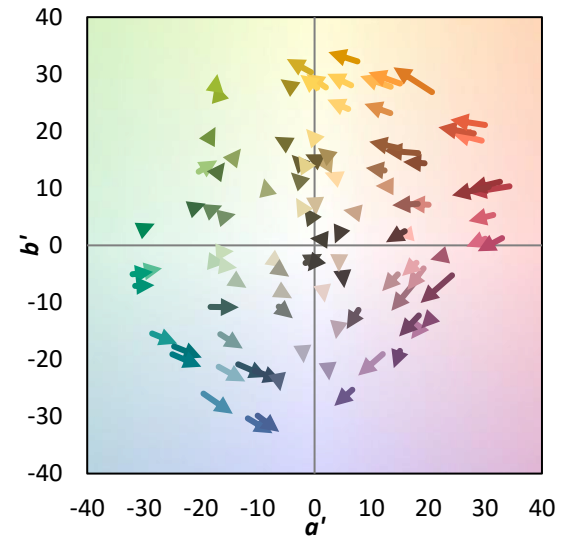
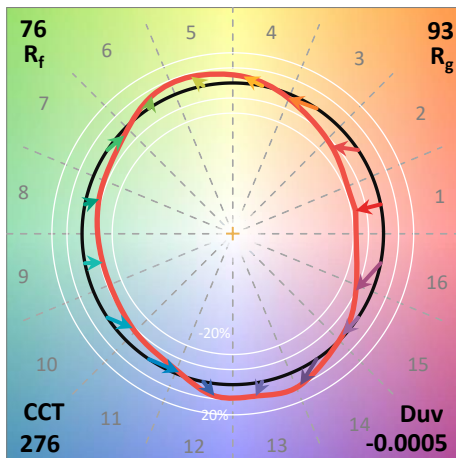
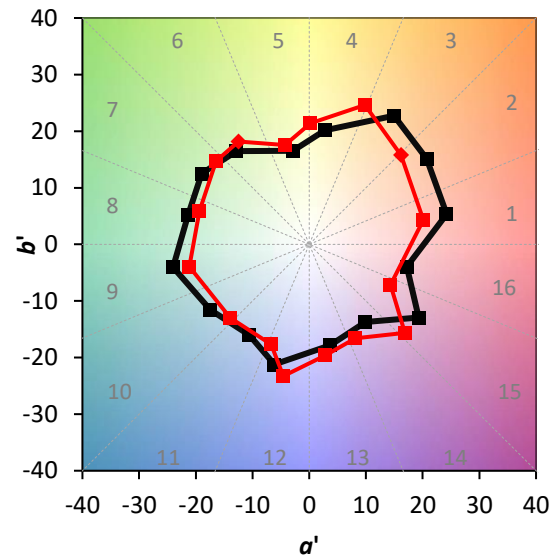
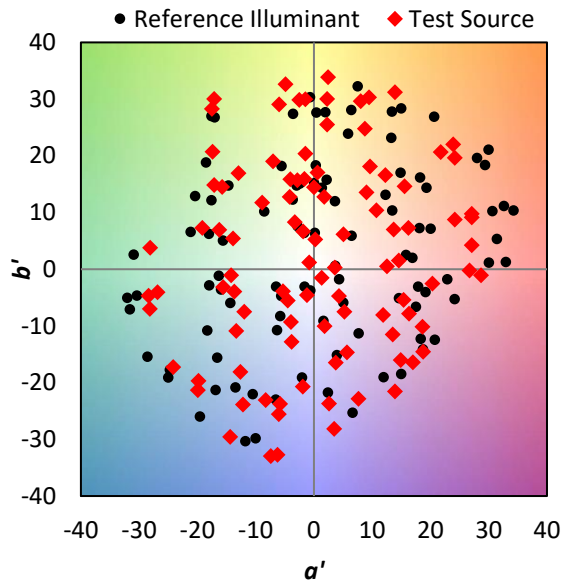
TM-30-18

Summary

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

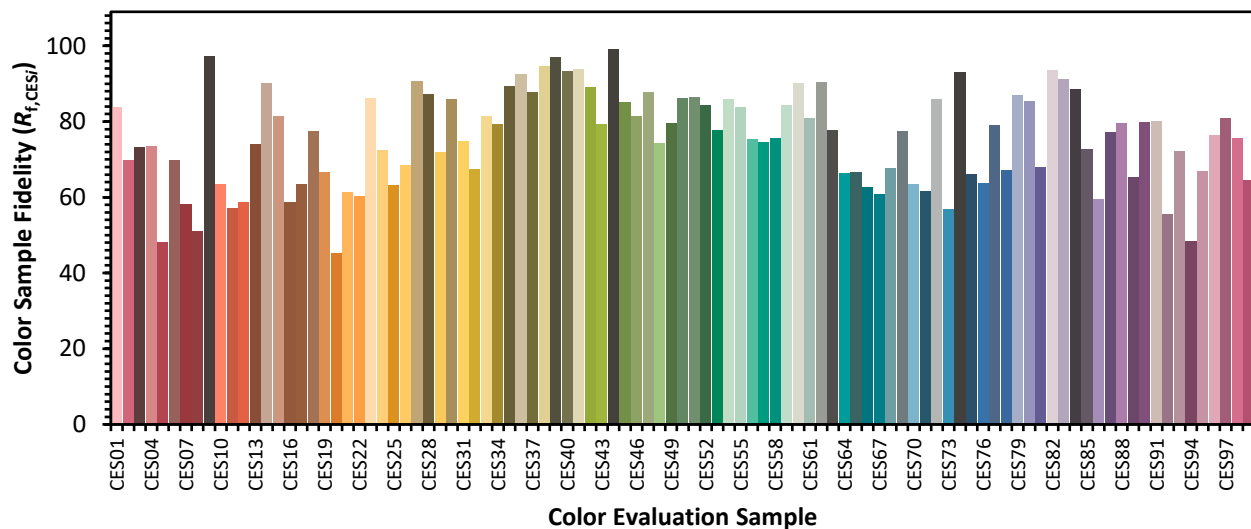


Color Vector Graphics

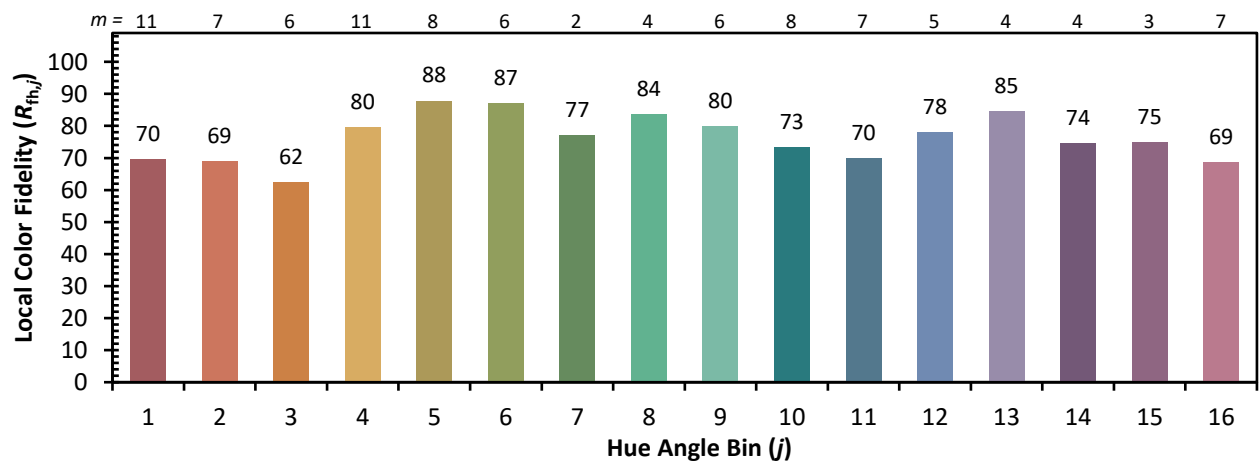


Individual Sample Fidelity Index ($R_{f,i}$)

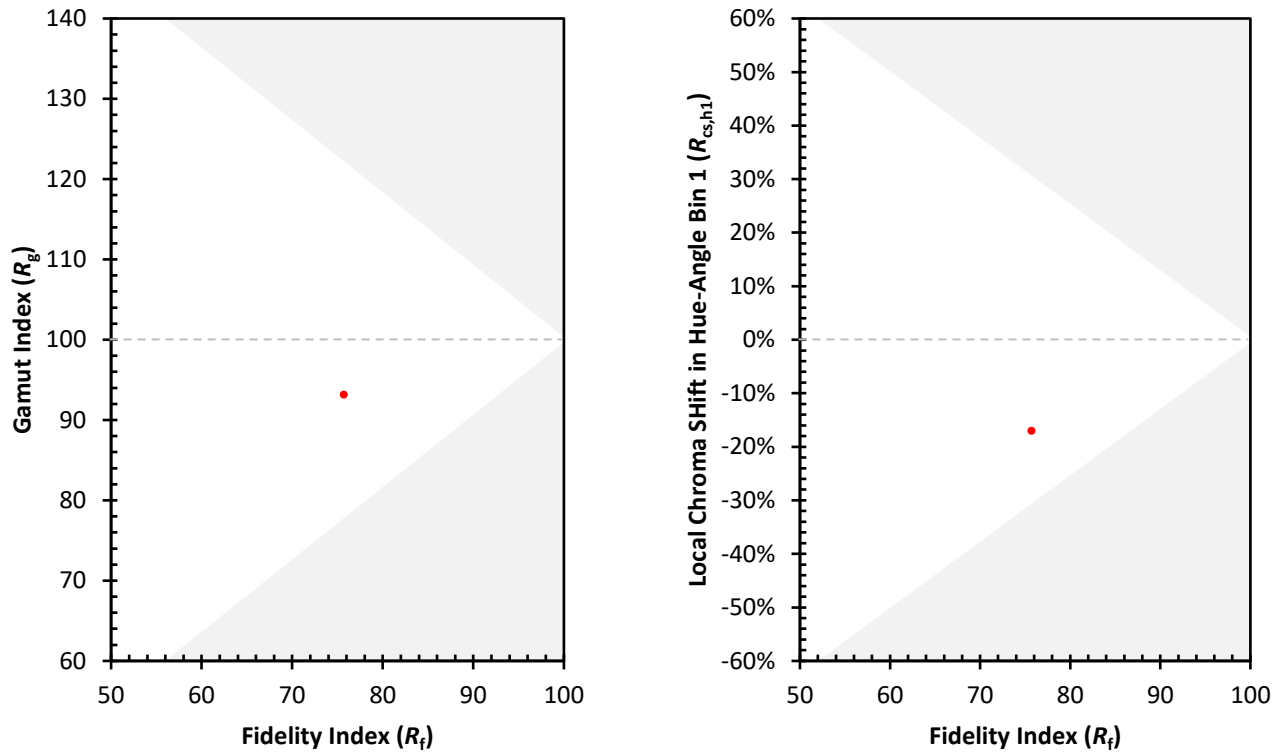
CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82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