

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: P972253

Luminaire Tested: **GKO-PB1D-727-U-T3**

Issue Date: 02/27/2025

Test Information

Test Method: LM-79-08
Report Number: P972253
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-727-U-T3
Description: GEKKO WALL PACK 3500LM 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: 3350.4 lumens
Efficiency: N/A
Efficacy: 130.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

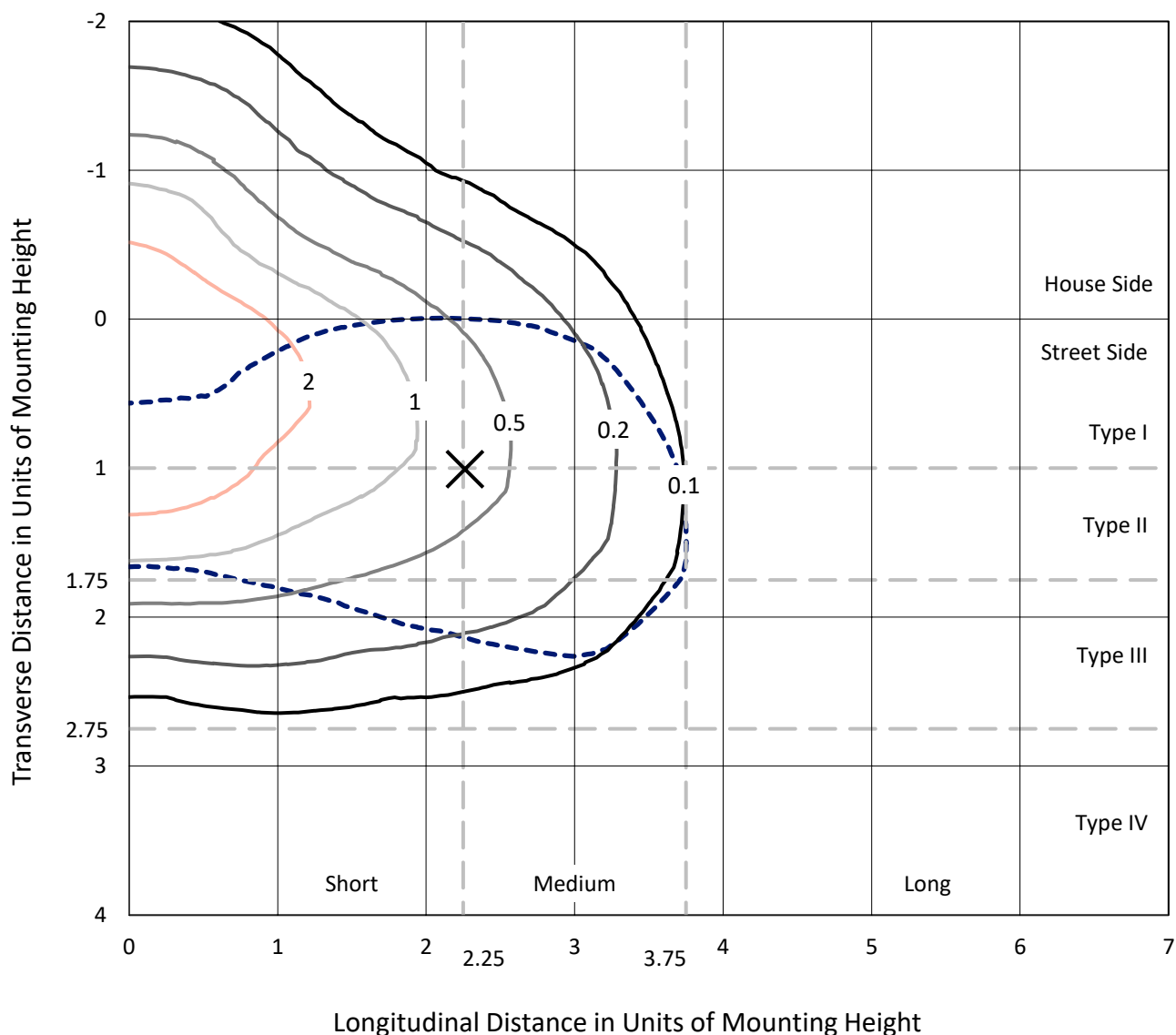
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

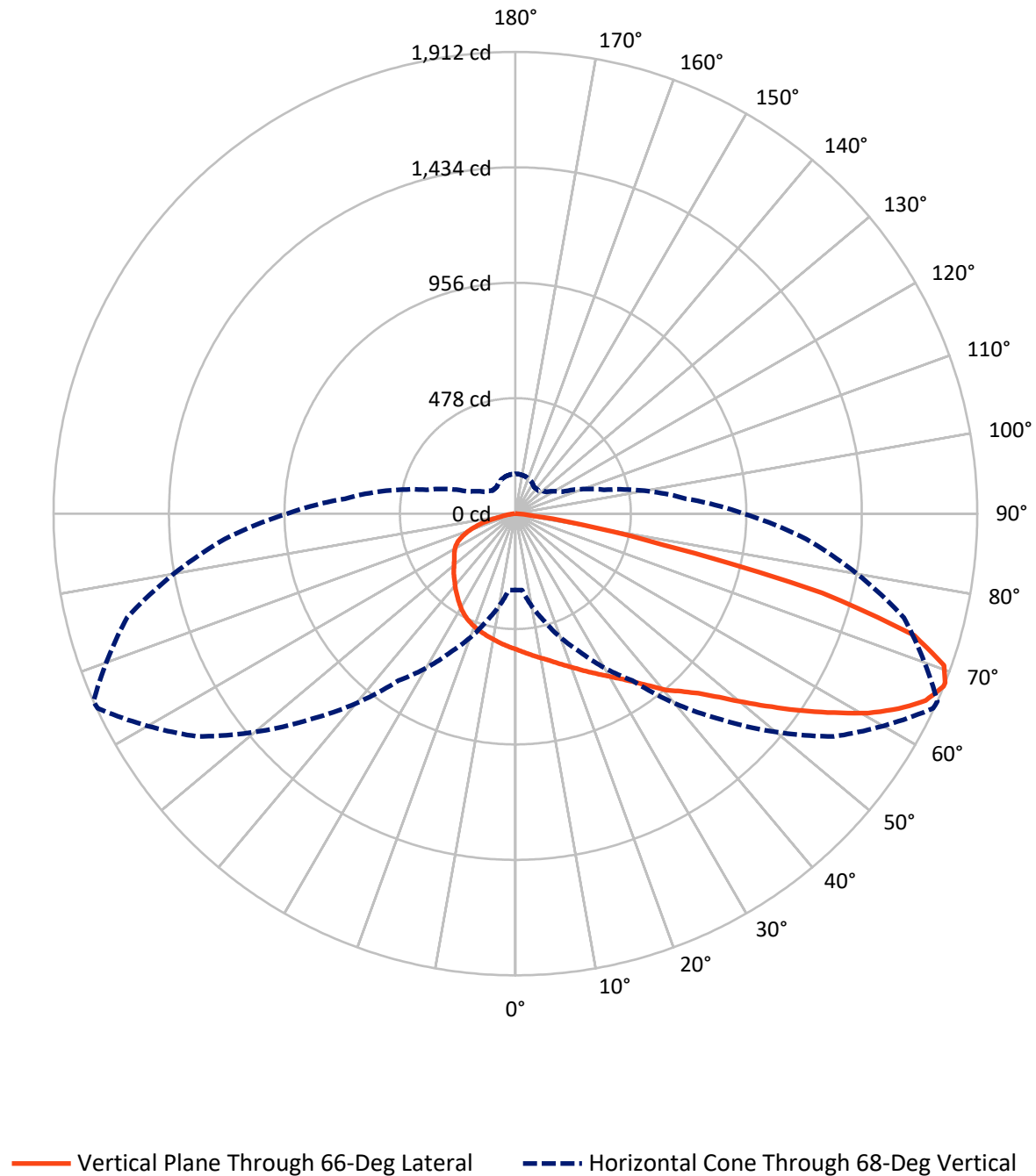


Based on 12 foot mounting height. Maximum calculated value = 4.5 fc

Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	857.8	0.0	857.8
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	2492.7	0.0	2492.7
	% Fixture	74.4	0.0	74.4
Total	Lumens	3350.4	0.0	3350.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.9	1.6
10°-20°	162.0	4.8
20°-30°	279.2	8.3
30°-40°	433.1	12.9
40°-50°	593.4	17.7
50°-60°	707.9	21.1
60°-70°	709.3	21.2
70°-80°	375.3	11.2
80°-90°	36.2	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°	3350.4	100.0
0°-180°	3350.4	100.0



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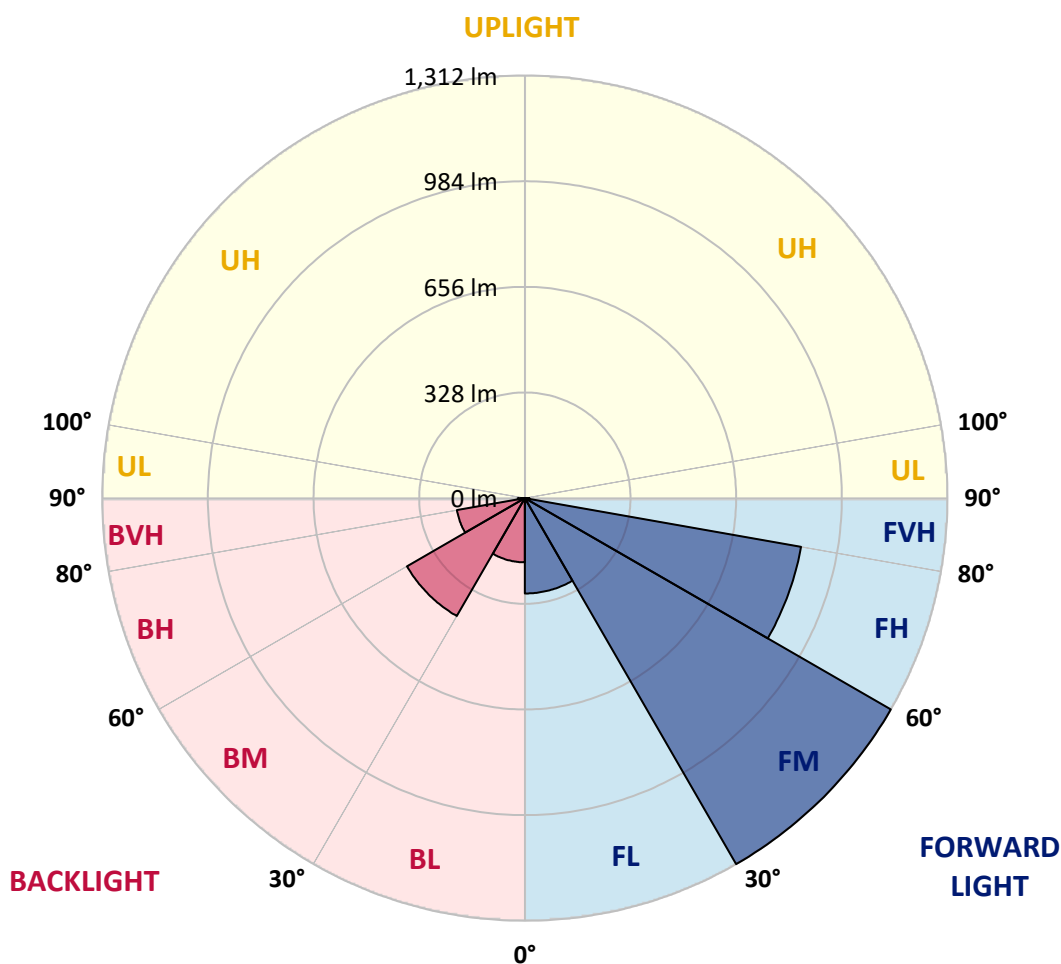
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	295.9	8.8			
FM	(30°-60°)	1311.9	39.2			
FH	(60°-80°)	870.6	26.0			G1/1800
FVH	(80°-90°)	14.2	0.4			G1/100
BL	(0°-30°)	199.2	5.9	B1/500		
BM	(30°-60°)	422.5	12.6	B1/1000		
BH	(60°-80°)	214.0	6.4	B1/500		G1/500
BVH	(80°-90°)	22.0	0.7			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 III Medium





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CATALOG NUMBER: GKO-PB1D-727-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	561.9	561.9	561.9	561.9	561.9	561.9	561.9	561.9	561.9	561.9	561.9
2.5°	585.4	585.4	584.1	583.4	582.8	578.8	576.2	573.0	573.0	567.8	563.2
5°	605.5	606.2	603.6	603.6	601.0	595.8	590.6	584.1	584.1	576.2	567.1
7.5°	623.1	625.0	622.4	622.4	619.8	614.0	605.5	596.4	596.4	585.4	572.3
10°	640.0	641.3	640.0	641.3	637.4	632.2	622.4	610.1	609.4	595.8	577.5
12.5°	653.6	654.9	655.6	657.5	654.3	650.4	641.3	625.7	623.7	607.5	584.1
15°	666.7	668.0	669.9	672.5	671.9	668.6	660.1	642.6	641.3	620.5	592.5
17.5°	677.1	677.7	681.6	686.8	688.1	688.8	679.7	661.4	660.1	635.4	601.6
20°	692.0	693.3	697.2	702.4	706.3	708.9	701.8	681.6	680.3	653.0	613.3
22.5°	725.8	723.9	725.8	725.8	727.8	731.7	726.5	706.3	703.7	673.8	627.6
25°	789.6	787.6	782.4	770.7	757.7	757.1	751.2	731.7	728.4	695.3	641.3
27.5°	878.7	874.1	864.4	839.7	808.4	788.3	779.2	759.0	755.1	716.7	654.3
30°	973.0	978.2	961.9	928.1	870.9	827.9	810.4	787.6	784.4	740.8	669.9
32.5°	1082.9	1083.6	1067.3	1020.5	946.3	878.0	848.1	820.1	817.5	768.8	690.7
35°	1146.6	1149.2	1142.1	1098.5	1014.0	933.3	893.6	859.8	857.9	803.9	716.7
37.5°	1213.0	1218.8	1207.8	1159.7	1065.3	984.7	944.4	907.3	905.3	844.2	749.3
40°	1311.2	1308.6	1296.9	1226.0	1113.5	1027.6	994.5	965.2	960.6	893.6	782.4
42.5°	1382.1	1388.6	1363.2	1283.2	1166.2	1070.5	1044.5	1011.4	1005.5	923.6	801.9
45°	1406.1	1400.3	1372.3	1313.8	1235.1	1109.6	1092.0	1066.6	1060.8	976.2	840.3
47.5°	1411.4	1400.9	1376.2	1332.0	1293.6	1160.3	1149.9	1144.0	1135.6	1042.6	886.5
50°	1379.5	1372.3	1360.6	1338.5	1331.4	1207.8	1213.0	1234.4	1227.3	1114.1	937.9
52.5°	1307.3	1304.0	1314.4	1328.8	1309.9	1248.8	1287.8	1331.4	1328.8	1192.8	993.1
55°	1171.4	1171.4	1229.9	1280.0	1291.0	1275.4	1368.4	1443.2	1440.0	1281.3	1045.8
57.5°	1047.1	1049.1	1097.9	1210.4	1257.2	1304.0	1458.2	1560.3	1555.1	1380.8	1101.1
60°	890.4	890.4	964.5	1105.7	1208.4	1326.2	1537.5	1673.5	1676.7	1477.0	1155.7
62.5°	705.0	707.0	809.7	975.6	1138.2	1330.1	1600.6	1780.1	1779.5	1564.2	1198.0
65°	519.7	520.3	660.1	831.2	1032.8	1302.7	1635.1	1862.1	1866.0	1633.1	1222.7
67.5°	337.6	344.1	485.8	674.5	883.9	1225.3	1616.9	1905.7	1910.2	1665.0	1214.9
68°	316.1	317.4	459.8	631.5	843.6	1205.8	1608.4	1907.6	1911.5	1664.4	1207.1
70°	204.9	204.9	329.1	493.0	673.2	1084.2	1534.9	1877.0	1881.6	1635.7	1150.5
72.5°	110.6	112.5	188.0	298.5	459.8	839.0	1385.3	1717.7	1725.5	1479.0	1006.2
75°	77.4	78.7	109.3	167.2	250.4	546.3	1082.9	1312.5	1311.2	1021.8	630.2
77.5°	55.9	55.9	62.4	104.1	131.4	249.8	535.9	632.2	625.0	498.9	318.0
80°	36.4	36.4	39.0	54.6	63.1	76.1	163.9	273.8	279.0	243.2	158.7
82.5°	15.0	15.6	16.9	22.1	22.8	31.9	46.8	78.7	76.1	61.8	44.9
85°	2.0	2.0	2.6	3.3	3.9	7.2	6.5	6.5	6.5	7.8	7.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.0	2.0	2.6	2.0
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-PB1D-727-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	561.9	561.9	561.9	561.9	561.9	561.9	561.9	561.9	561.9	561.9	561.9
2.5°	561.9	561.9	558.0	554.1	550.2	547.0	542.4	539.2	539.8	541.8	541.1
5°	565.2	561.9	554.1	545.7	539.2	533.3	524.9	520.3	519.7	521.0	520.3
7.5°	567.1	561.9	550.2	537.2	526.8	519.0	507.3	502.8	500.8	501.5	501.5
10°	571.0	562.6	546.3	528.1	515.1	504.1	491.7	485.2	483.2	483.2	482.6
12.5°	575.6	563.9	542.4	520.3	503.4	490.4	476.1	468.9	467.0	467.0	466.3
15°	580.2	565.8	538.5	511.9	492.3	476.7	463.1	454.6	452.0	452.0	453.3
17.5°	586.0	567.8	534.6	504.1	480.6	463.1	448.8	440.3	437.1	439.0	440.3
20°	591.9	571.7	530.7	495.6	468.9	450.7	436.4	428.0	424.7	428.0	428.6
22.5°	600.3	574.9	526.2	485.8	457.2	437.1	424.1	416.3	414.3	417.6	420.2
25°	608.8	578.8	520.3	475.4	442.3	422.8	412.3	406.5	407.1	411.7	414.3
27.5°	617.9	582.1	514.5	462.4	426.0	407.8	400.0	398.7	401.3	406.5	409.7
30°	628.9	586.7	506.7	447.5	407.8	391.5	388.3	392.2	396.7	401.9	405.2
32.5°	643.2	592.5	498.9	430.6	388.9	374.0	379.2	387.6	392.8	398.0	401.3
35°	663.4	604.2	494.3	413.6	368.8	359.0	370.7	384.4	388.3	391.5	395.4
37.5°	686.8	619.8	492.3	398.0	350.6	346.0	362.3	378.5	379.8	381.1	385.0
40°	709.6	631.5	487.1	381.1	331.7	331.7	351.9	367.5	366.8	364.9	367.5
42.5°	718.7	630.2	472.2	364.9	316.7	317.4	335.6	350.6	346.7	346.7	350.6
45°	744.7	640.6	461.1	351.9	303.1	300.5	314.8	326.5	333.0	341.5	345.4
47.5°	777.9	654.9	452.7	336.9	290.1	281.6	289.4	308.9	320.0	329.1	332.4
50°	812.3	671.2	444.9	321.3	277.1	260.2	264.1	285.5	295.3	299.8	301.8
52.5°	847.5	686.2	439.0	308.3	262.1	234.8	243.2	263.4	270.6	273.2	274.5
55°	878.7	698.5	433.8	297.2	245.2	214.6	221.1	241.9	247.1	249.8	251.7
57.5°	911.9	712.2	430.6	286.8	226.3	197.1	201.6	220.5	227.6	230.2	232.2
60°	941.1	725.2	428.0	275.8	208.8	181.5	184.1	202.3	210.1	211.4	213.3
62.5°	960.6	733.6	424.1	262.1	192.5	166.5	167.2	184.7	193.2	194.5	195.8
65°	965.8	731.7	412.3	243.9	176.3	151.5	151.5	168.5	177.6	182.1	184.1
67.5°	950.2	715.4	387.6	220.5	160.6	137.9	137.9	152.8	162.6	167.8	169.8
68°	945.0	708.3	379.8	214.6	156.7	134.6	134.6	150.2	159.3	163.9	165.2
70°	900.8	673.2	344.1	192.5	144.4	124.9	124.9	138.5	148.3	148.3	147.6
72.5°	782.4	583.4	282.9	161.3	126.2	110.6	112.5	125.5	128.8	132.0	131.4
75°	484.5	349.3	189.9	127.5	106.0	96.9	100.8	112.5	114.5	121.6	119.7
77.5°	242.6	171.1	100.8	74.1	81.9	83.3	90.4	98.9	104.7	112.5	107.3
80°	119.7	83.3	59.2	46.2	48.1	61.1	78.7	85.2	95.6	100.8	96.3
82.5°	33.2	25.4	24.1	25.4	35.8	47.5	61.8	75.4	89.1	93.7	87.2
85°	5.9	4.6	3.9	12.4	24.7	35.1	50.1	67.0	80.0	76.7	72.2
87.5°	2.0	1.3	1.3	7.8	18.2	28.6	42.9	59.8	68.3	61.8	55.3
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

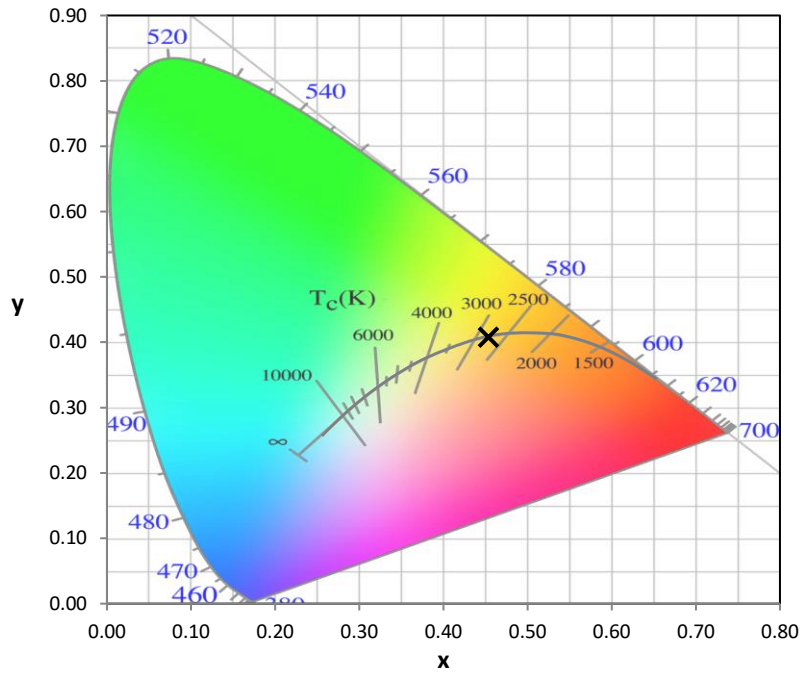
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.0

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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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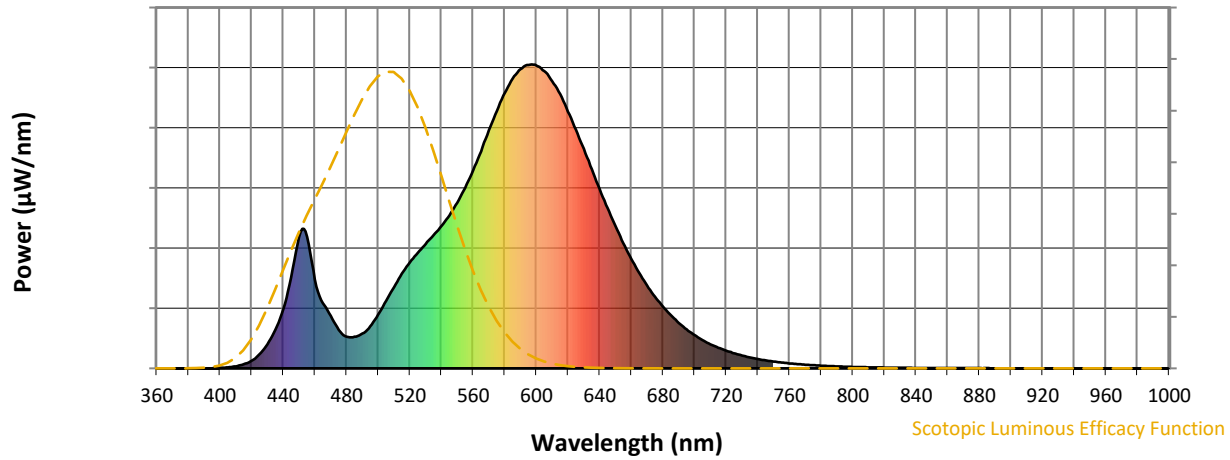
Photopic Flux vs. Wavelength

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

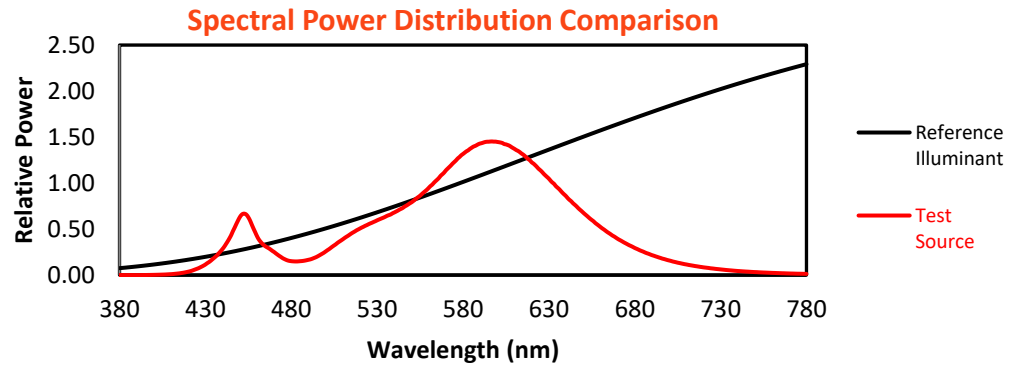
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114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

REPORT NUMBER: SP2-2501-321-3

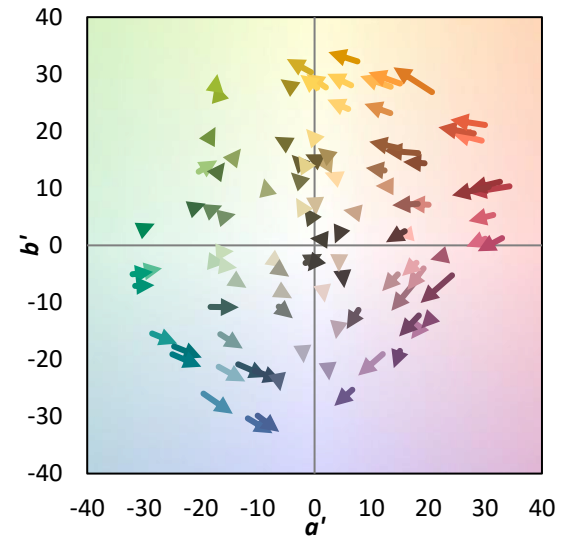
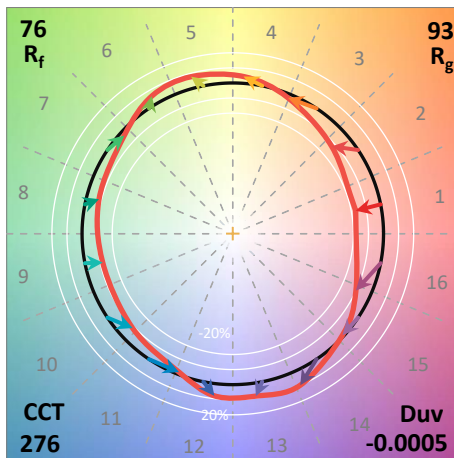
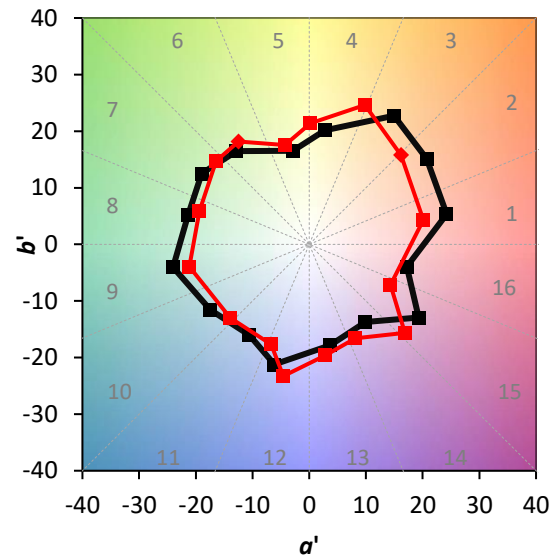
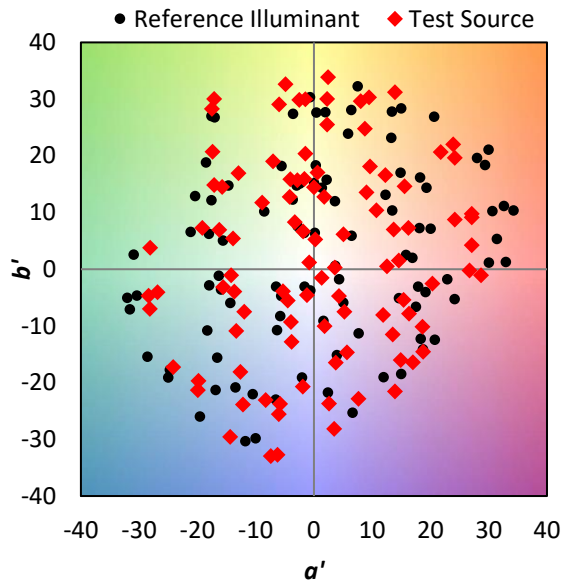
TM-30-18

Summary

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

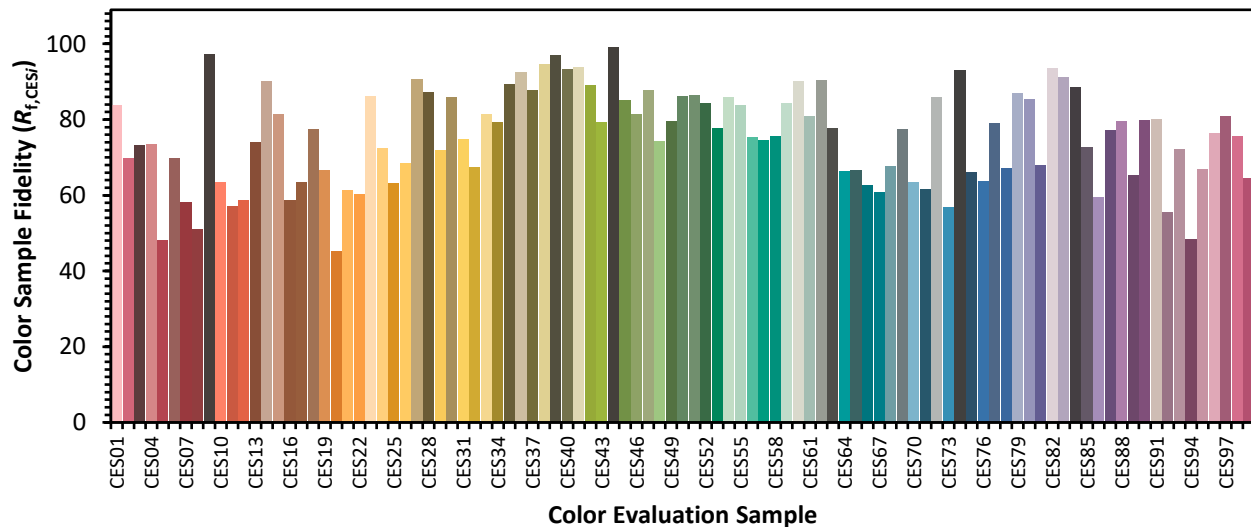


Color Vector Graphics

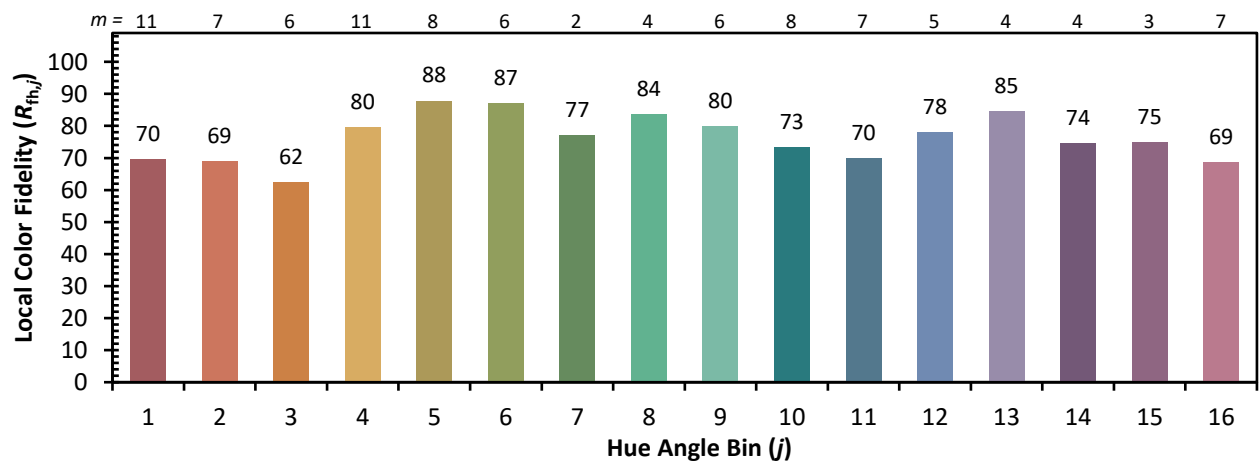
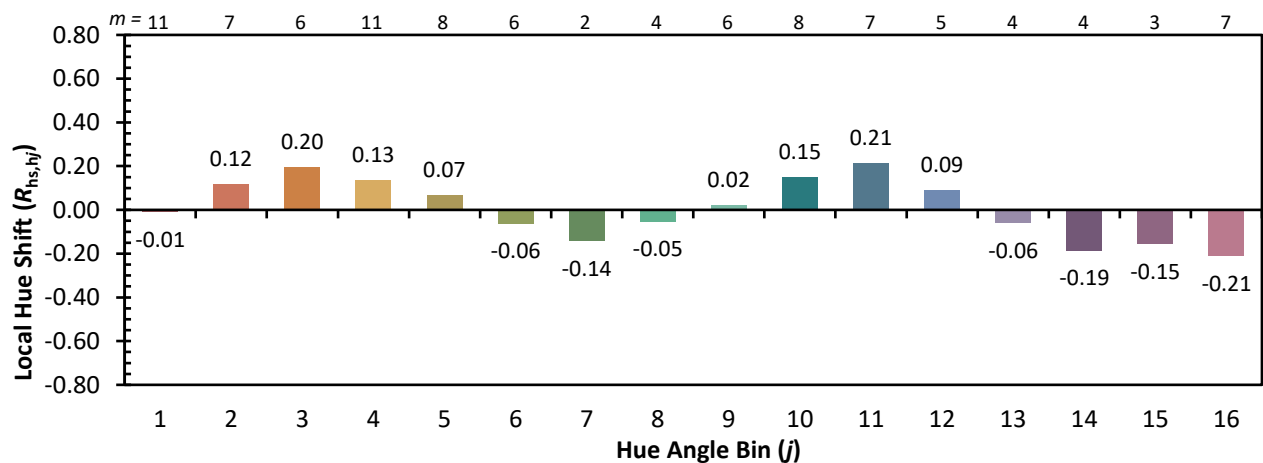


Individual Sample Fidelity Index ($R_{f,i}$)

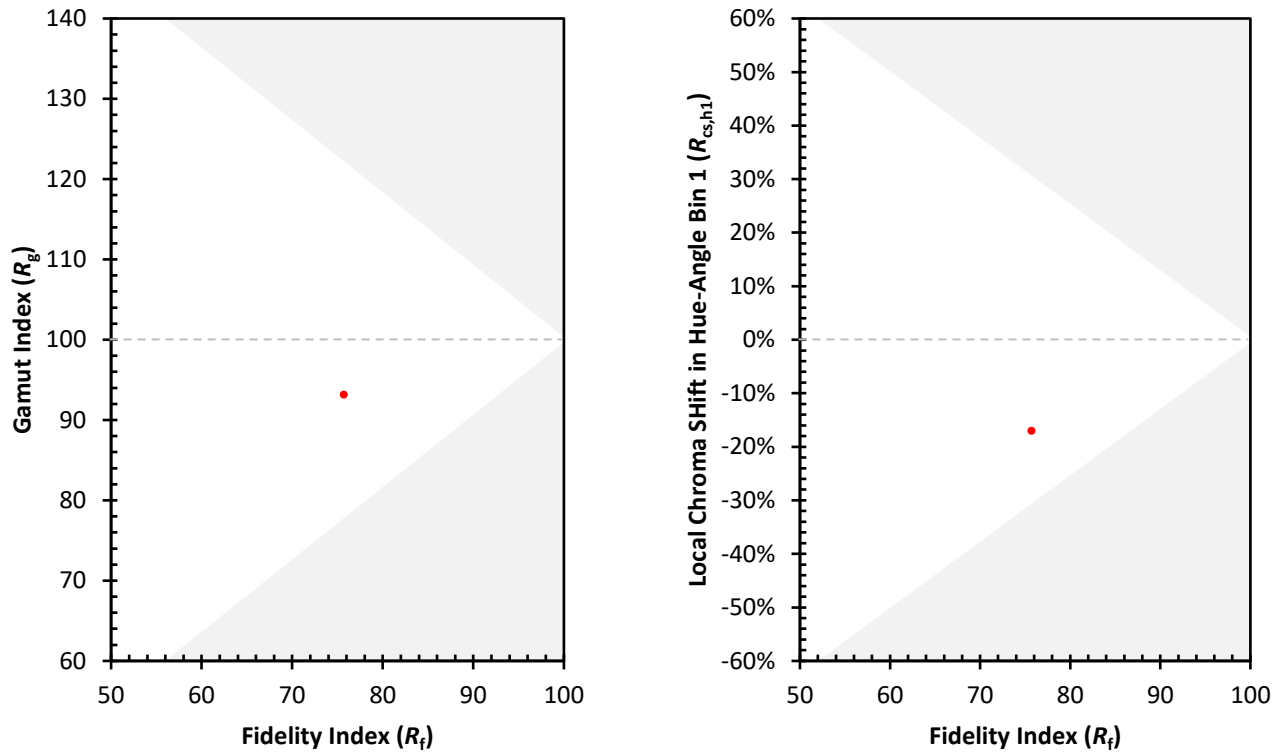
CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82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