

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1461585

Luminaire Tested: USSL-50-740-U-T3R-HSS

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1461585
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: USSL-50-740-U-T3R-HSS
Description: USSL DISCRETE LED 1 SQUARE 50W 70CRI 4000K FIXTURE w/ TYPE III DISTRIBUTION
OPTIC AND HOUSE SIDE SHIELD
Light Source: (40) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5808.4 lumens
Efficiency: N/A
Efficacy: 111.7 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 52
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 3.35%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

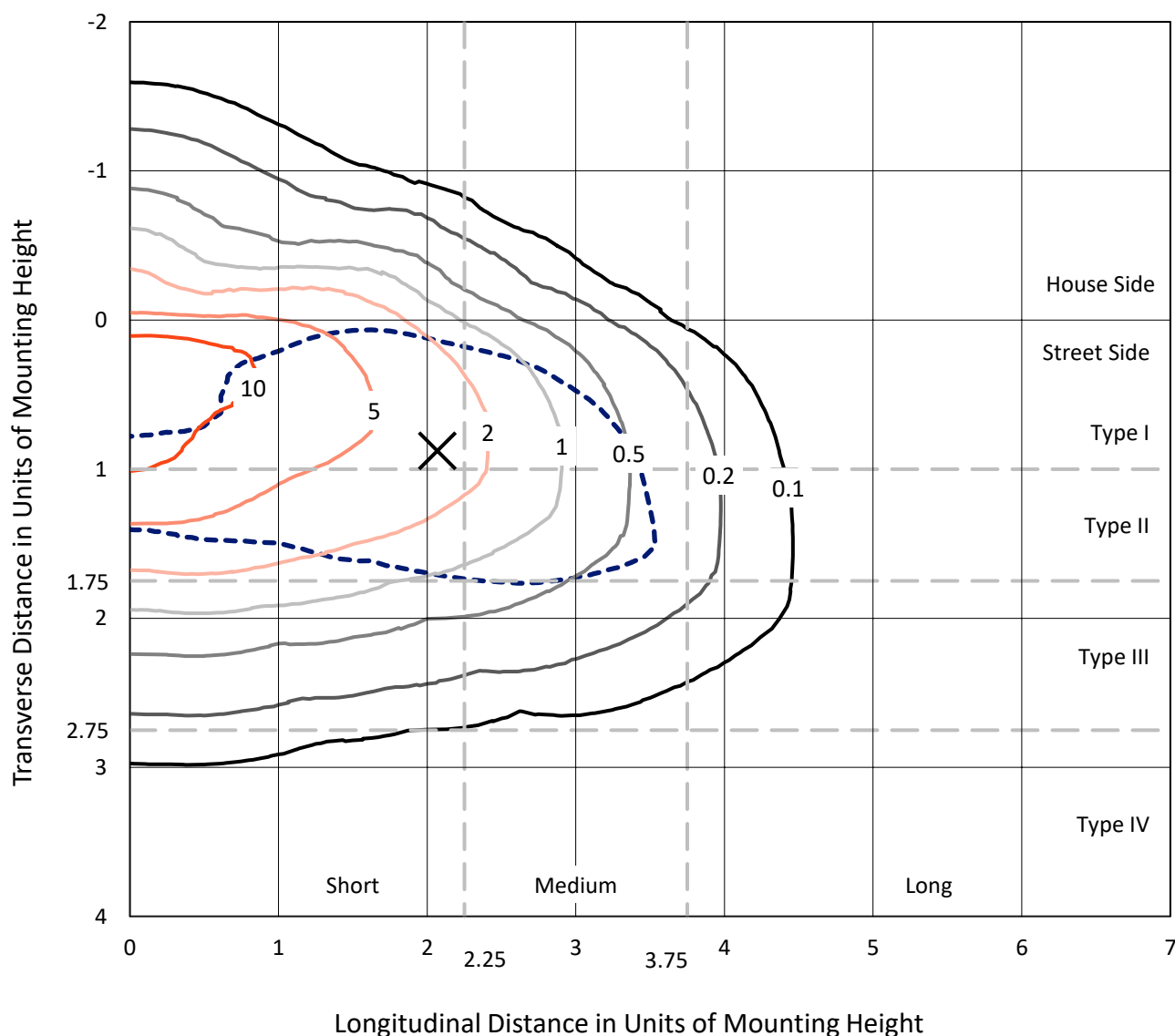
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



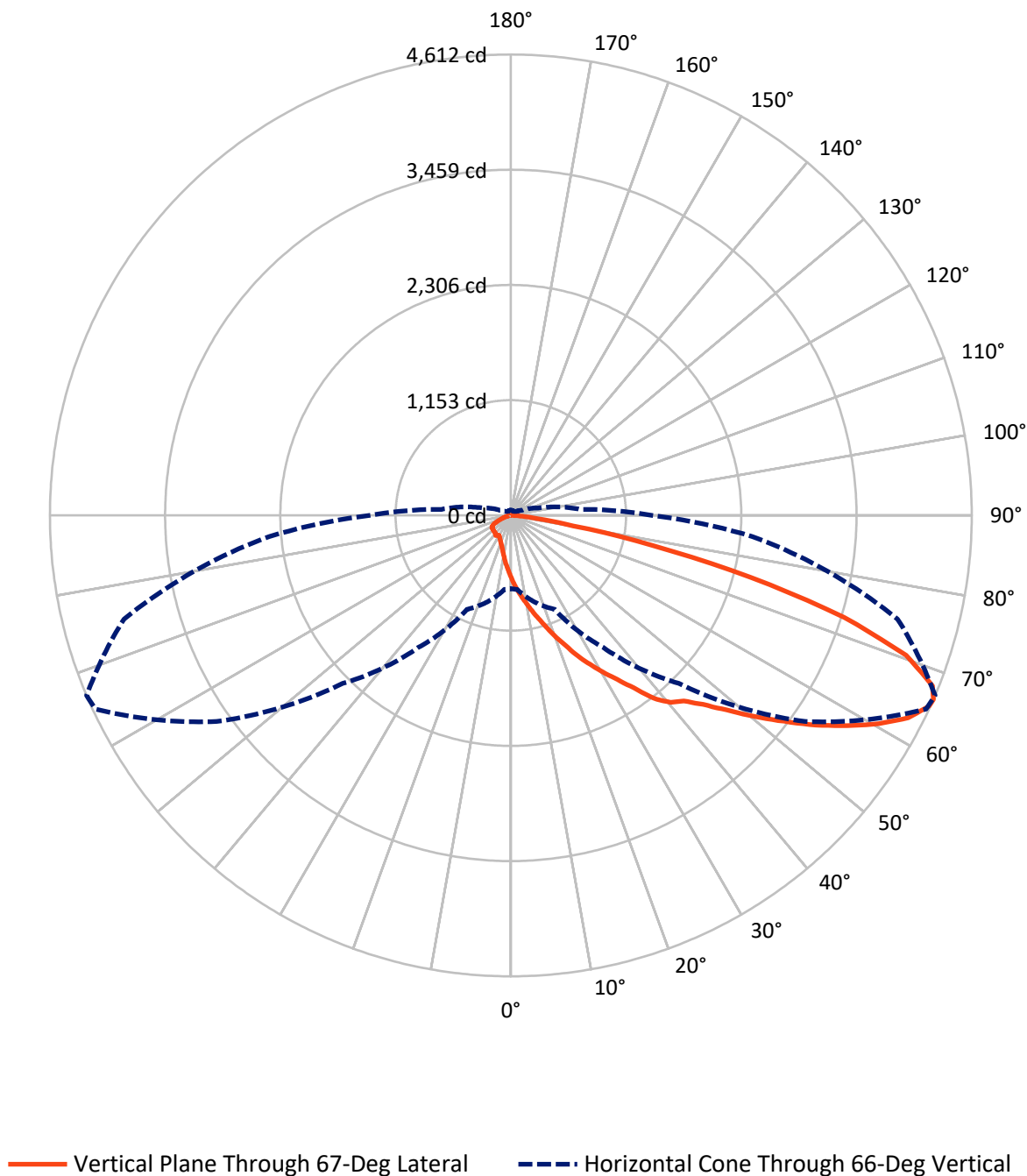
Based on 10 foot mounting height. Maximum calculated value = 13.6 fc

Type II - Short - N/A

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Luminous Intensity Polar Plot



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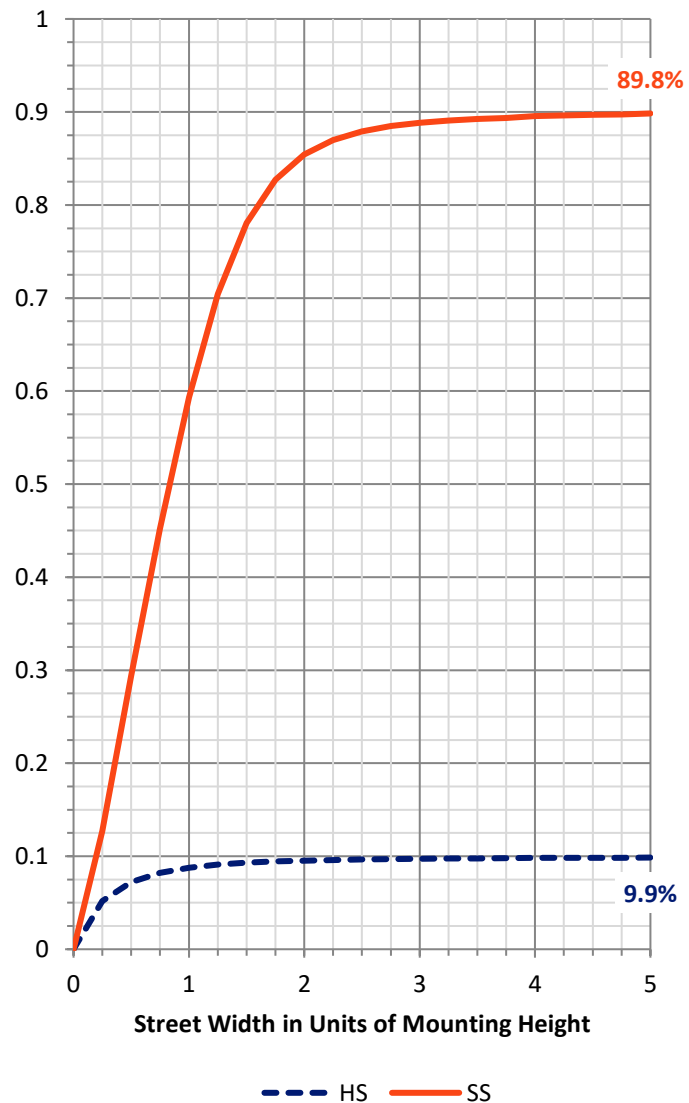
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	577.7	0.0	577.7
	% Fixture	9.9	0.0	9.9
Street Side	Lumens	5230.6	0.0	5230.6
	% Fixture	90.1	0.0	90.1
Total	Lumens	5808.4	0.0	5808.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.8	1.1
10°-20°	228.0	3.9
20°-30°	435.7	7.5
30°-40°	710.8	12.2
40°-50°	1090.7	18.8
50°-60°	1401.4	24.1
60°-70°	1277.6	22.0
70°-80°	542.5	9.3
80°-90°	57.8	1.0
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°	5808.4	100.0
0°-180°	5808.4	100.0

Coefficient of Utilization



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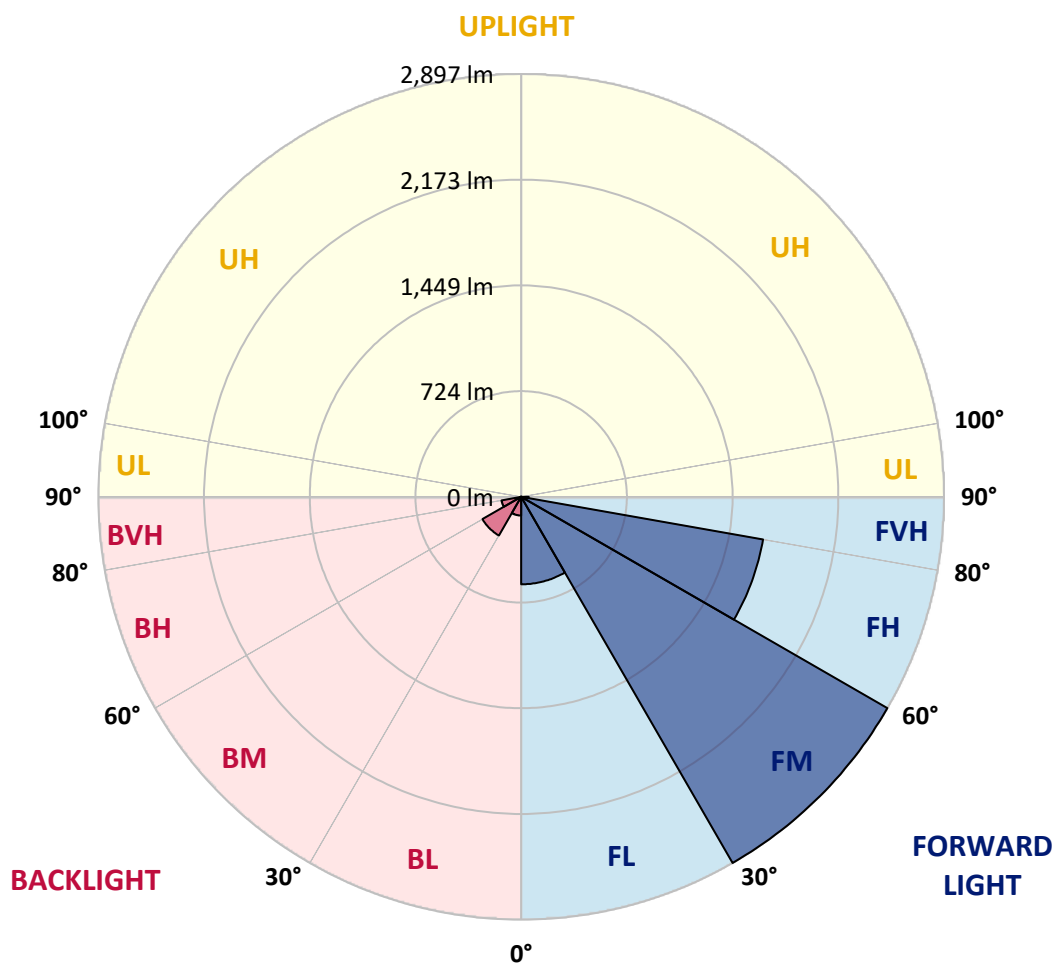
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	599.3	10.3			
FM	(30°-60°)	2897.3	49.9			
FH	(60°-80°)	1683.1	29.0			G1/1800
FVH	(80°-90°)	50.9	0.9			G1/100
BL	(0°-30°)	128.2	2.2	B1/500		
BM	(30°-60°)	305.7	5.3	B1/1000		
BH	(60°-80°)	137.0	2.4	B1/500		G1/500
BVH	(80°-90°)	6.9	0.1			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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	67°	75°	85°
0°	623.3	623.3	623.3	623.3	623.3	623.3	623.3	623.3	623.3	623.3	623.3
2.5°	783.4	794.2	786.6	776.2	760.3	739.9	724.7	697.2	694.0	671.6	639.3
5°	951.9	952.3	939.1	924.4	893.6	856.5	813.8	768.2	761.5	715.5	659.2
7.5°	1111.6	1126.4	1109.3	1084.9	1037.8	984.3	917.6	844.5	831.3	761.1	680.0
10°	1286.9	1296.1	1276.2	1240.6	1191.5	1120.8	1033.0	929.6	907.2	817.4	703.2
12.5°	1431.5	1427.1	1417.5	1384.0	1330.5	1257.4	1149.2	1014.2	994.3	876.9	729.5
15°	1524.1	1531.7	1523.3	1504.2	1461.8	1391.2	1282.1	1121.6	1085.7	942.3	758.3
17.5°	1582.0	1588.4	1591.6	1590.4	1571.6	1516.9	1404.3	1230.2	1189.1	1013.4	793.4
20°	1621.6	1629.1	1633.5	1649.9	1650.3	1629.1	1535.3	1341.6	1304.5	1093.3	839.7
22.5°	1667.5	1674.3	1681.8	1701.0	1722.6	1719.8	1653.1	1471.4	1420.3	1187.1	888.0
25°	1733.4	1740.9	1743.3	1758.5	1781.7	1798.4	1768.1	1605.6	1557.7	1292.9	948.3
27.5°	1818.4	1826.0	1833.2	1836.0	1846.0	1865.5	1867.5	1733.0	1687.4	1396.3	1012.6
30°	1954.2	1957.8	1953.0	1938.2	1923.8	1932.6	1960.6	1854.7	1820.4	1515.7	1087.3
32.5°	2051.2	2058.4	2065.2	2053.2	2016.1	2022.0	2060.0	1990.1	1957.4	1655.9	1183.9
35°	2080.3	2096.7	2099.9	2083.9	2074.0	2121.5	2181.4	2144.2	2118.7	1822.0	1308.9
37.5°	2238.9	2247.3	2241.3	2158.6	2110.3	2184.6	2311.9	2336.7	2321.5	2043.2	1477.4
40°	2515.2	2501.2	2507.2	2325.1	2210.1	2257.2	2422.5	2483.2	2459.7	2169.8	1570.4
42.5°	2743.2	2730.0	2683.7	2472.9	2368.6	2351.9	2508.8	2555.5	2537.1	2270.0	1673.1
45°	2878.9	2873.7	2777.9	2649.3	2649.7	2470.9	2626.2	2712.0	2696.9	2442.9	1838.0
47.5°	2904.5	2893.3	2860.2	2792.7	2839.0	2672.9	2779.5	2930.4	2908.5	2660.5	2022.8
50°	2825.8	2807.1	2854.2	2865.8	2884.9	2787.9	2952.0	3168.8	3160.4	2885.3	2206.9
52.5°	2593.4	2601.4	2738.0	2823.0	2844.6	2848.6	3126.9	3429.2	3422.8	3116.9	2374.2
55°	2263.2	2290.4	2497.6	2665.7	2766.3	2918.5	3303.4	3674.7	3701.5	3354.1	2528.4
57.5°	1744.9	1775.3	2173.4	2448.9	2656.5	2970.0	3500.6	3959.0	3968.6	3575.7	2645.8
60°	1327.3	1367.2	1707.0	2103.9	2456.9	2965.6	3664.8	4221.0	4230.2	3801.7	2693.3
62.5°	1047.8	1073.3	1328.9	1675.5	2171.8	2851.4	3768.2	4442.6	4461.0	3954.6	2627.8
65°	831.3	826.9	1002.2	1203.9	1807.6	2570.3	3696.3	4577.6	4598.3	4019.7	2488.4
66°	731.9	743.9	893.6	1037.8	1613.6	2376.6	3594.5	4583.9	4611.5	4005.8	2427.3
67.5°	597.4	606.9	725.9	824.6	1347.2	2053.6	3382.5	4510.5	4549.6	3927.5	2316.7
70°	386.1	401.3	472.0	540.6	884.4	1467.8	2802.7	4124.0	4195.0	3595.7	2063.6
72.5°	246.4	253.6	285.9	319.0	502.3	957.9	2148.6	3438.8	3487.1	2962.4	1601.2
75°	172.9	172.9	184.1	189.3	278.7	552.6	1380.8	2391.8	2478.4	1972.5	1035.4
77.5°	142.2	140.6	140.6	132.6	160.5	298.7	796.6	1409.1	1443.9	1097.7	575.4
80°	115.8	117.0	116.6	103.4	109.8	162.5	400.1	648.9	633.7	484.7	264.3
82.5°	84.3	87.4	90.6	78.7	80.7	107.8	192.1	285.5	270.3	212.8	131.8
85°	58.7	61.9	63.5	54.3	51.1	65.1	98.2	117.8	114.2	93.0	61.5
87.5°	34.7	33.9	33.9	29.9	26.4	32.3	37.9	35.9	29.5	23.6	14.4
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	623.3	623.3	623.3	623.3	623.3	623.3	623.3	623.3	623.3	623.3	623.3
2.5°	627.3	612.9	584.2	559.8	534.7	512.7	497.1	480.0	469.6	467.6	462.8
5°	632.9	603.7	551.8	499.5	455.6	423.7	397.3	381.7	369.8	365.0	365.4
7.5°	639.3	595.4	515.1	447.6	392.5	358.2	334.6	321.4	313.0	311.9	313.4
10°	645.3	589.4	481.2	396.5	343.8	312.7	298.3	291.1	286.7	285.9	285.5
12.5°	655.2	582.2	451.2	355.8	307.5	284.3	275.5	270.7	269.1	269.5	268.7
15°	668.4	577.0	419.3	322.2	281.1	265.1	257.5	255.2	255.6	255.6	255.2
17.5°	684.0	573.4	390.9	294.7	260.7	247.6	243.2	241.6	242.4	243.6	243.2
20°	708.4	574.2	365.8	275.5	245.2	232.8	228.0	228.0	230.0	231.2	232.0
22.5°	734.7	577.4	345.4	258.7	230.8	218.4	213.2	215.2	216.4	219.2	219.2
25°	769.4	585.8	327.4	243.6	214.8	202.0	197.7	198.9	201.6	205.2	205.6
27.5°	806.6	597.7	312.3	229.2	199.2	185.3	181.3	181.7	185.7	188.5	190.1
30°	856.5	617.7	305.1	218.4	184.1	168.9	163.3	163.3	168.5	172.9	172.9
32.5°	932.8	659.2	313.0	214.8	171.3	153.7	148.5	148.1	151.7	156.5	156.5
35°	1020.6	724.7	337.8	220.0	164.5	142.9	135.8	136.2	138.6	141.8	142.5
37.5°	1156.4	811.8	363.8	224.4	156.5	131.8	125.8	127.0	128.6	131.0	131.0
40°	1216.3	834.9	349.0	213.2	149.7	123.8	116.6	118.6	120.6	122.6	122.6
42.5°	1293.7	881.3	353.4	203.6	147.3	117.4	109.8	111.8	113.4	115.8	115.8
45°	1424.7	977.9	375.3	195.7	146.1	113.0	104.6	105.4	106.2	108.6	109.0
47.5°	1570.0	1070.5	397.7	188.5	140.2	108.6	99.0	99.0	99.8	101.4	101.4
50°	1706.6	1152.4	417.3	181.7	130.2	103.8	93.4	92.6	91.8	92.2	92.2
52.5°	1831.6	1232.6	432.4	176.1	120.6	98.6	87.4	85.4	83.9	83.1	83.5
55°	1927.8	1289.7	447.6	171.3	111.0	91.8	80.3	76.7	75.5	74.3	74.7
57.5°	1987.3	1300.1	460.0	165.3	102.2	83.9	73.1	69.1	68.3	67.1	67.1
60°	1957.0	1230.2	447.6	157.3	93.4	75.1	64.7	63.1	61.5	60.7	60.7
62.5°	1773.7	1040.6	406.1	146.5	83.9	65.5	58.7	57.5	55.9	55.5	55.1
65°	1499.4	783.4	321.4	129.8	73.1	57.5	53.1	51.9	51.5	53.1	53.9
66°	1409.1	696.4	281.5	123.0	68.7	54.7	51.1	49.5	50.7	52.7	53.1
67.5°	1267.4	602.1	230.8	112.2	64.7	50.7	47.5	47.1	49.5	50.3	50.7
70°	1066.9	478.0	168.5	92.2	54.3	44.3	42.3	44.7	44.3	44.3	44.3
72.5°	791.4	361.8	125.0	72.3	43.9	38.7	39.1	38.7	37.5	37.1	36.7
75°	491.5	233.6	86.6	52.7	35.9	36.7	33.9	31.9	30.3	29.5	29.1
77.5°	277.9	130.6	55.9	37.9	30.3	33.9	28.7	26.4	25.2	24.4	24.0
80°	139.8	74.7	34.7	26.0	26.0	28.7	24.4	22.4	20.4	16.8	14.8
82.5°	78.3	41.9	21.6	18.4	20.4	23.2	20.4	17.6	14.8	5.2	5.2
85°	41.9	21.2	10.0	9.6	10.8	12.4	10.8	9.2	5.2	1.2	2.0
87.5°	8.8	4.0	3.2	3.2	2.8	2.4	1.6	1.2	0.8	0.4	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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

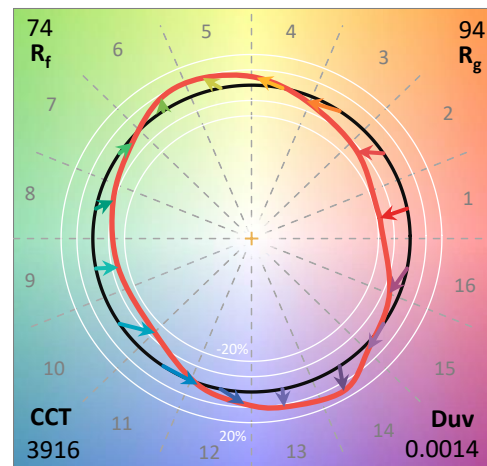
Data in this report applies to families of products including GKO-PB1E-740-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-1
 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-740-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3916	CRI (Ra):	71.0		
CIE u':	0.2259	R1:	67.4	R9:	-37.9
CIE v':	0.5049	R2:	78.3	R10:	48.9
Duv:	0.0014	R3:	87.2	R11:	64.6
CIE x:	0.3853	R4:	69.5	R12:	40.9
CIE y:	0.3827	R5:	67.2	R13:	69.2
CIE z:	0.2321	R6:	69.3	R14:	92.7
Peak Wavelength (nm):	449	R7:	79.9	R15:	59.8
Dominant Wavelength (nm):	578	R8:	48.9		
Purity:	30.46652				
Rf:	73.5				
Rg:	93.5				



Test Conditions

Stabilization Time: 33M
 Operation Time: 1H 33M
 Sphere Temperature (°C): 25.0

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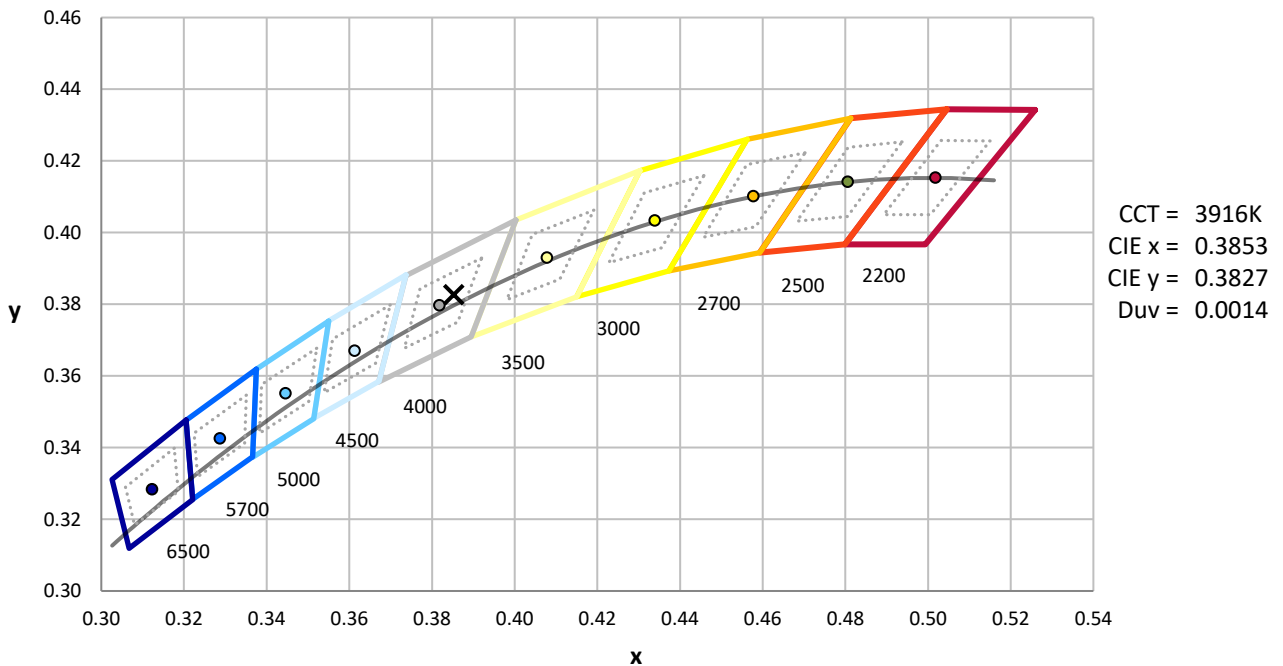
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	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 4000K 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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.49

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

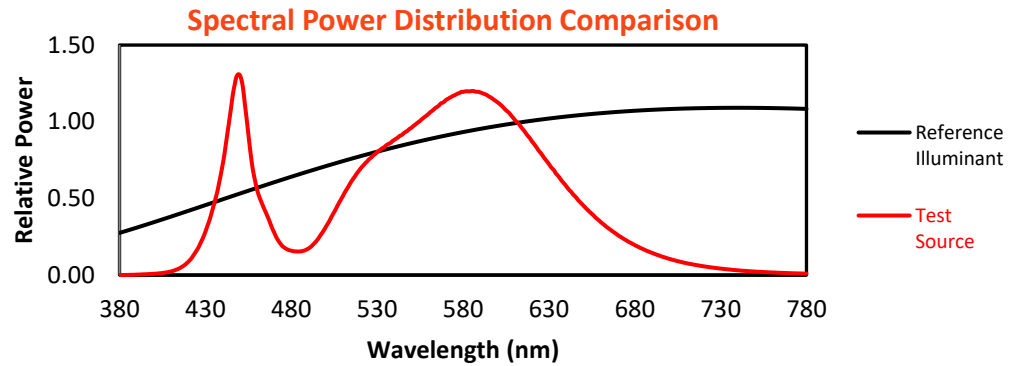
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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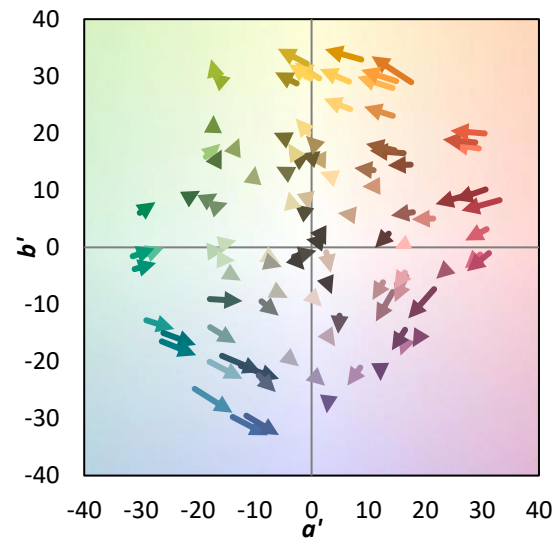
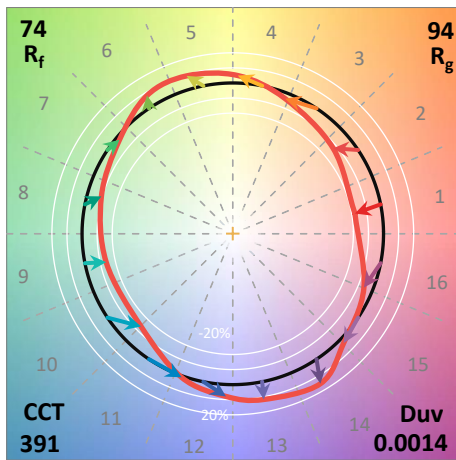
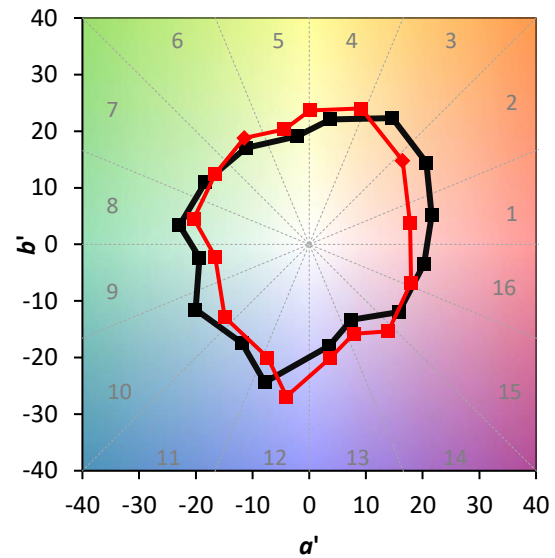
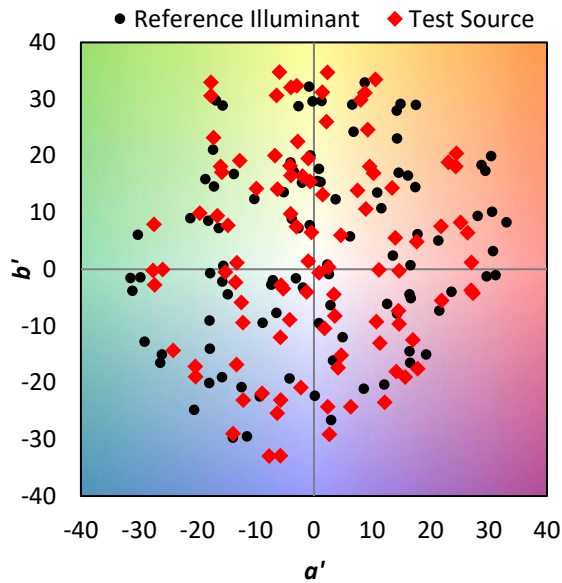
TM-30-18

Summary

$R_f = 73.5$
 $R_g = 93.5$
 $CIE R_a = 71.0$
 $R_g = -37.9$



Color Vector Graphics

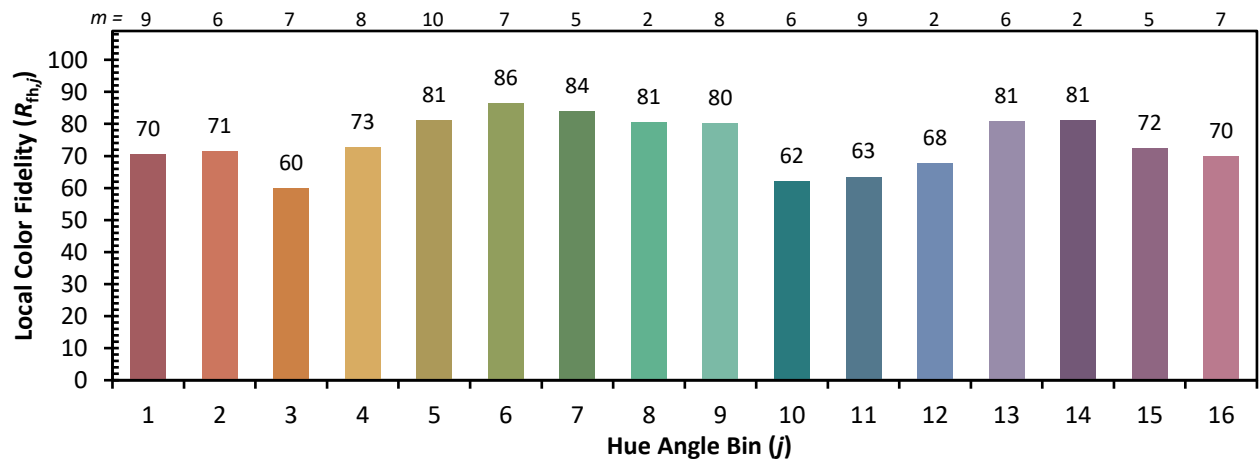
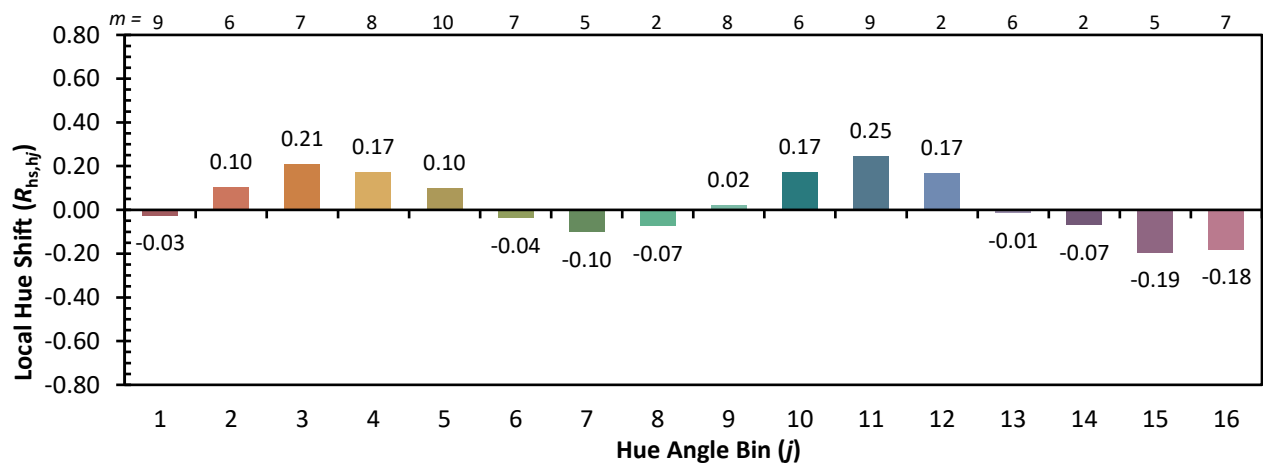
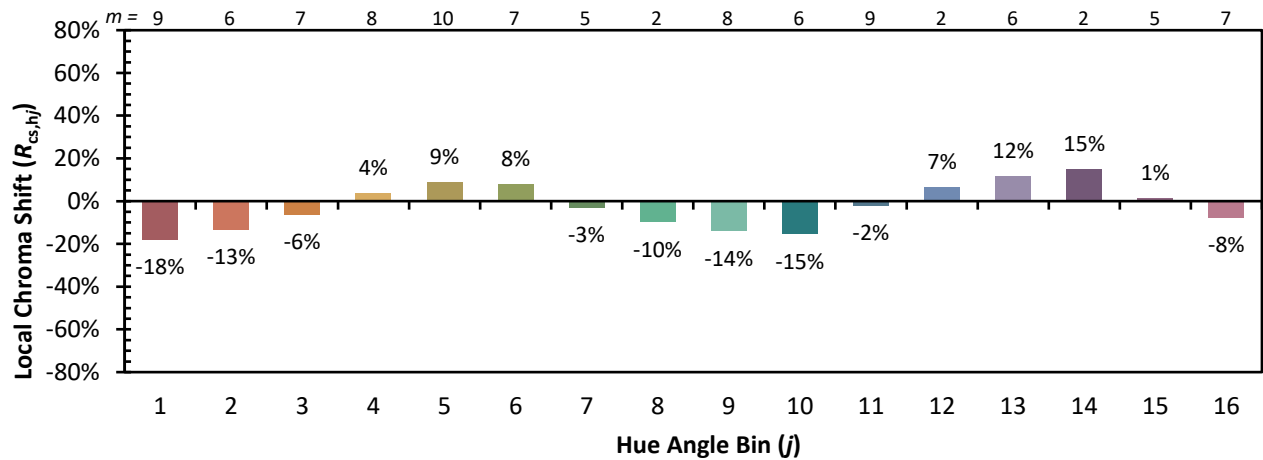


Individual Sample Fidelity Index ($R_{f,i}$)

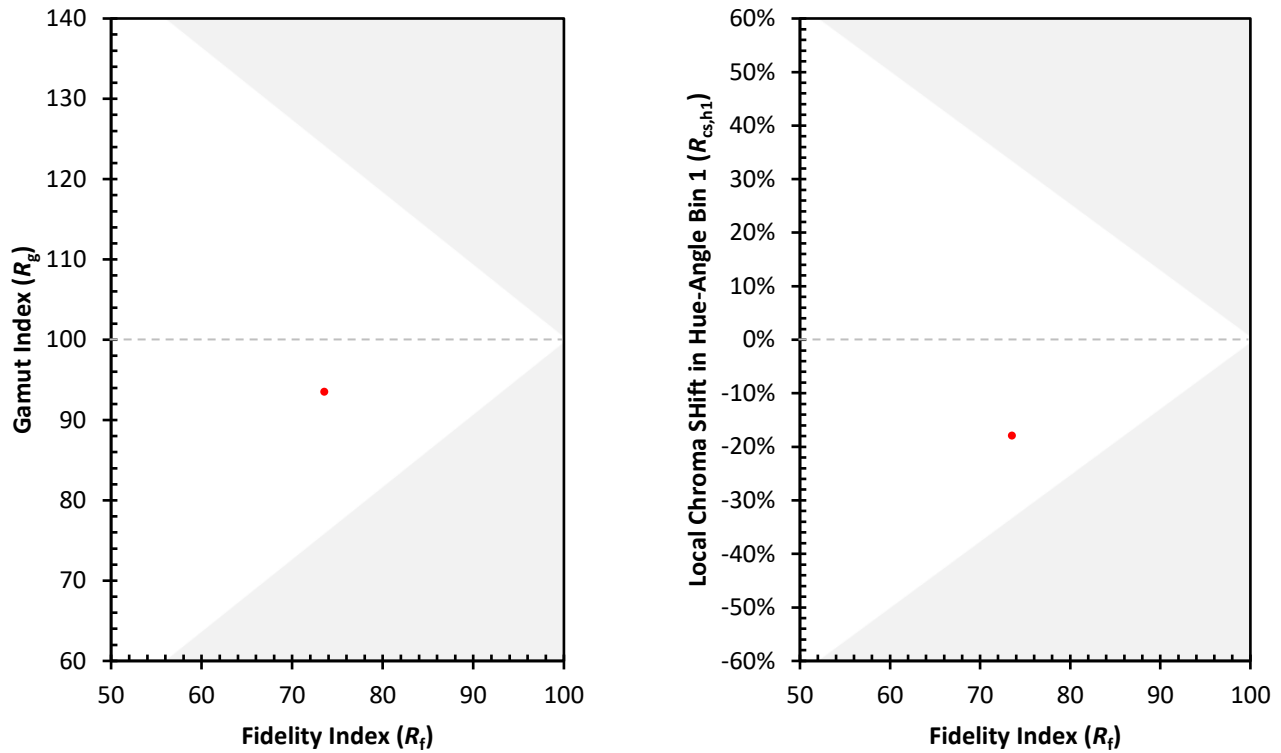
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 91
CES08 = 39	CES33 = 77	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 86
CES10 = 74	CES35 = 84	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 81	CES86 = 71
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 76
CES13 = 42	CES38 = 92	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 64	CES89 = 70
CES15 = 71	CES40 = 91	CES65 = 61	CES90 = 79
CES16 = 46	CES41 = 93	CES66 = 57	CES91 = 75
CES17 = 49	CES42 = 81	CES67 = 54	CES92 = 58
CES18 = 56	CES43 = 77	CES68 = 63	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 73	CES94 = 52
CES20 = 65	CES45 = 85	CES70 = 56	CES95 = 65
CES21 = 86	CES46 = 83	CES71 = 49	CES96 = 76
CES22 = 78	CES47 = 86	CES72 = 83	CES97 = 84
CES23 = 92	CES48 = 77	CES73 = 46	CES98 = 75
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 62
CES25 = 72	CES50 = 87	CES75 = 52	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)