

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: P1461793

Luminaire Tested: USSL-50-740-U-T4RE-HSS

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1461793
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: USSL-50-740-U-T4RE-HSS
Description: USSL DISCRETE LED 1 SQUARE 50W 70CRI 4000K FIXTURE w/ TYPE IV ROADWAY
ILLUMINANCE 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: 5739.6 lumens
Efficiency: N/A
Efficacy: 110.4 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B1 - U0 - G2

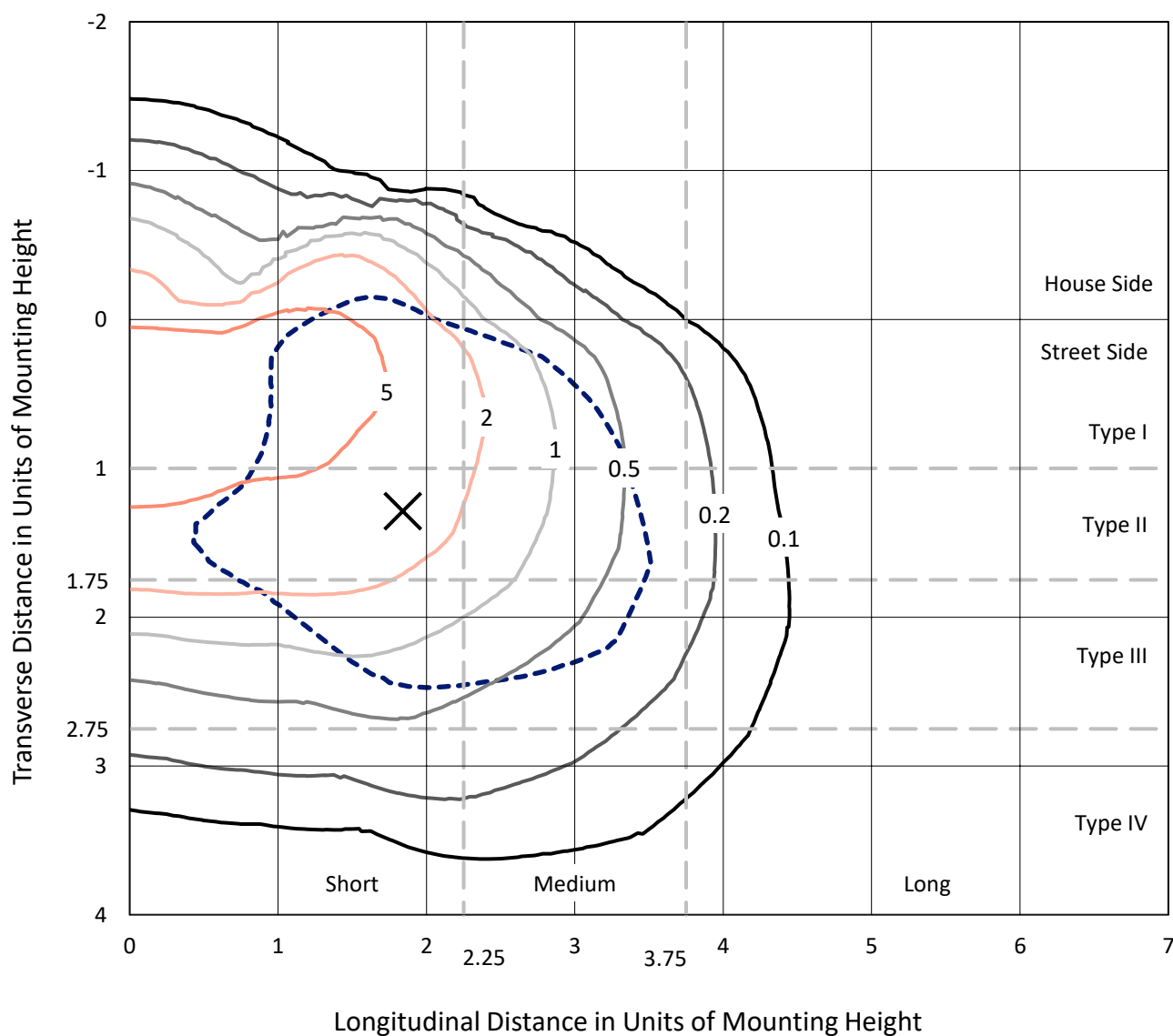
Input Watts (W): 52
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 3.35%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

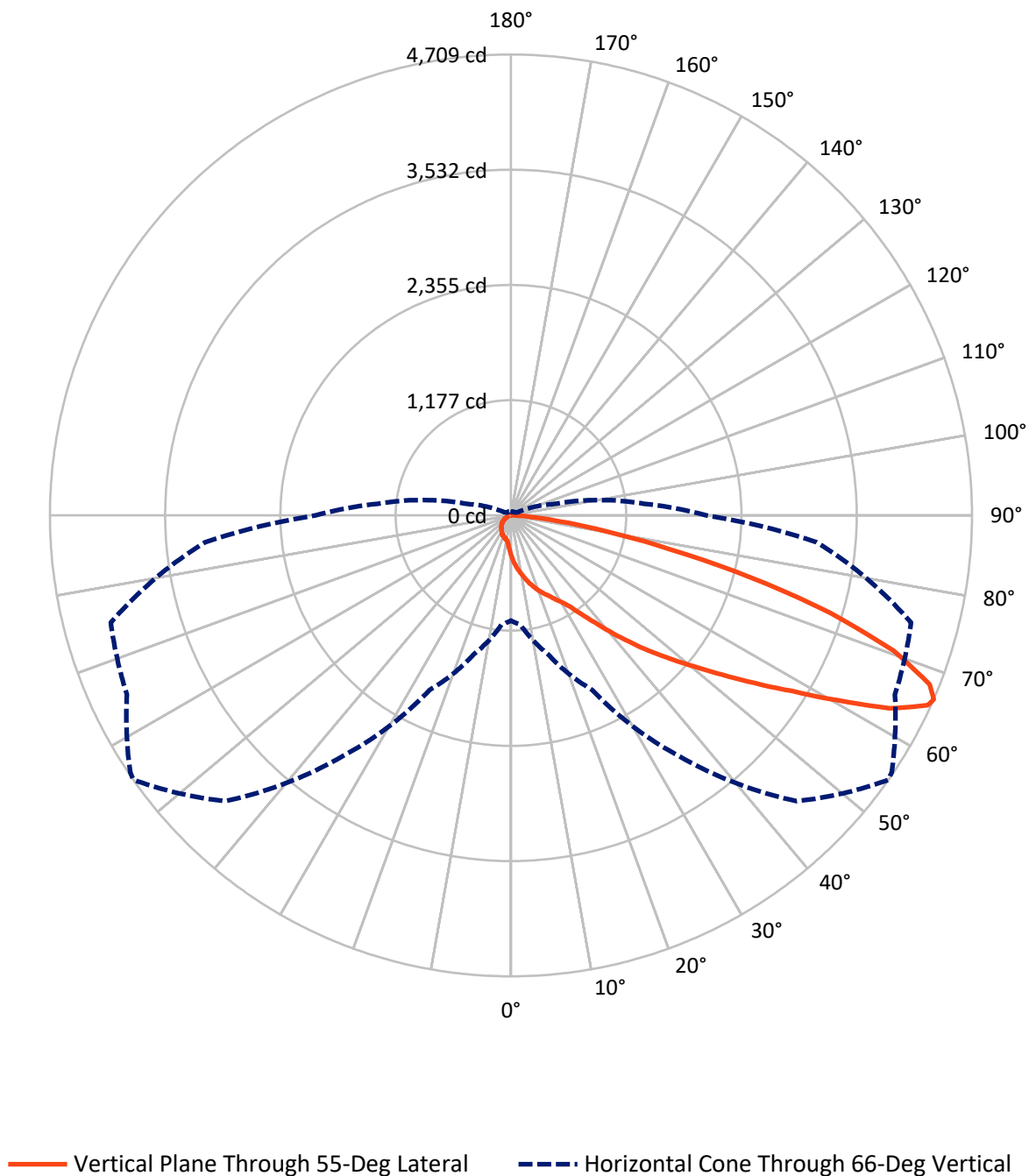


Based on 10 foot mounting height. Maximum calculated value = 8.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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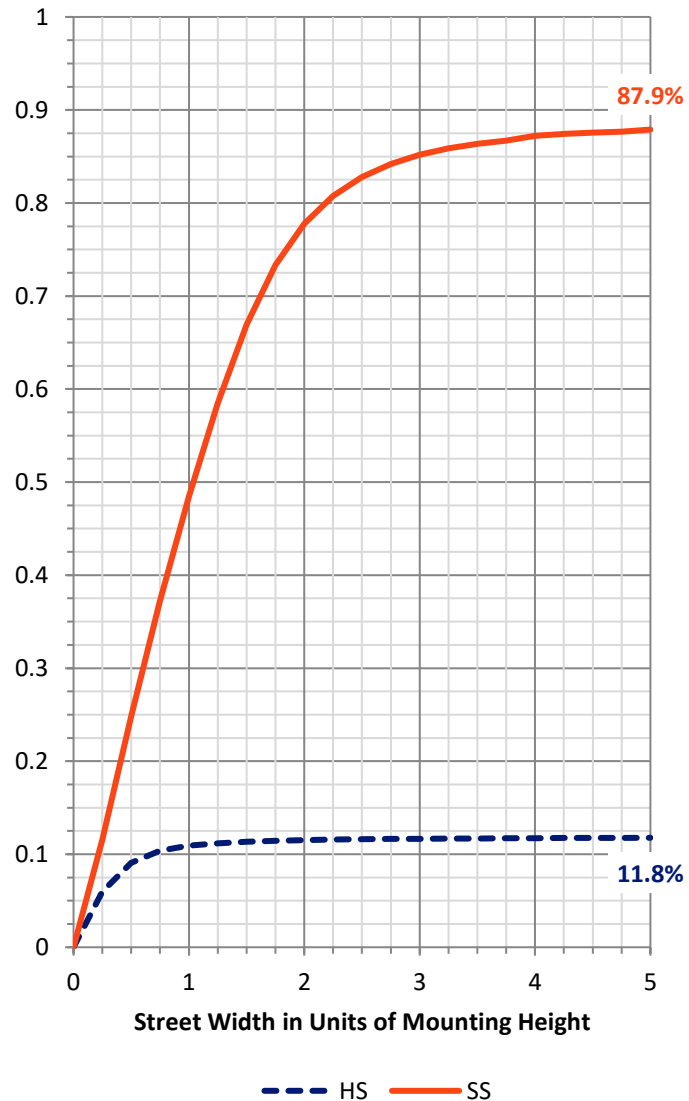
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	681.5	0.0	681.5
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	5058.1	0.0	5058.1
	% Fixture	88.1	0.0	88.1
Total	Lumens	5739.6	0.0	5739.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.9	0.7
10°-20°	137.6	2.4
20°-30°	255.1	4.4
30°-40°	443.5	7.7
40°-50°	857.8	14.9
50°-60°	1467.7	25.6
60°-70°	1664.9	29.0
70°-80°	794.9	13.9
80°-90°	77.1	1.3
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°	5739.6	100.0
0°-180°	5739.6	100.0

Coefficient of Utilization



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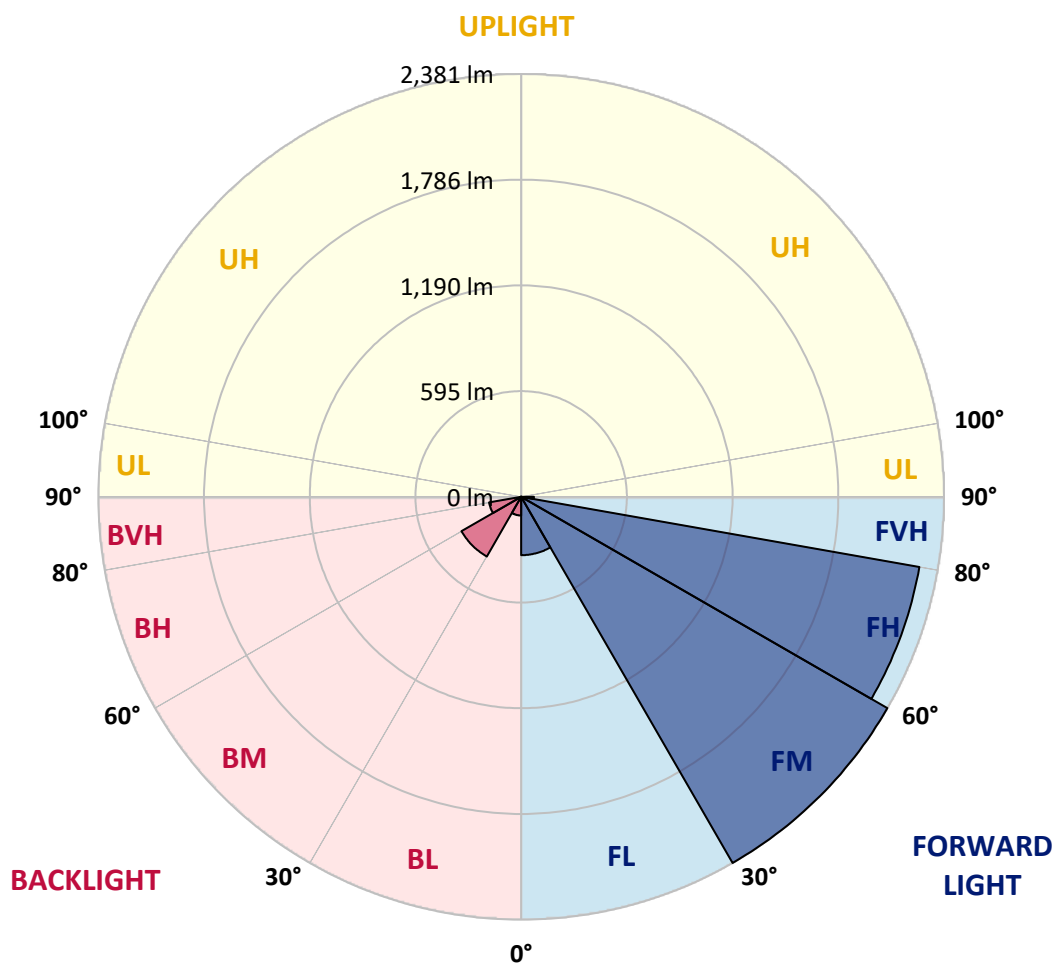
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	328.5	5.7			
FM	(30°-60°)	2380.8	41.5			
FH	(60°-80°)	2276.6	39.7			G2/5000
FVH	(80°-90°)	72.1	1.3			G1/100
BL	(0°-30°)	105.0	1.8	B0/110		
BM	(30°-60°)	388.2	6.8	B1/1000		
BH	(60°-80°)	183.3	3.2	B1/500		G1/500
BVH	(80°-90°)	5.0	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.4
2.5°	496.6	502.2	497.8	493.4	487.8	476.3	466.7	464.3	452.7	437.1	420.0
5°	578.1	579.3	574.5	563.7	554.5	534.1	515.8	514.2	491.0	461.1	429.2
7.5°	649.5	649.9	641.9	632.4	614.8	593.2	565.7	560.5	527.8	487.0	438.7
10°	716.2	715.4	709.8	698.6	678.3	647.9	614.0	610.4	567.3	514.2	451.5
12.5°	764.9	763.3	761.3	749.7	733.4	705.8	666.3	660.3	611.6	542.9	464.3
15°	798.4	796.8	796.4	791.2	779.3	760.5	720.6	716.2	659.5	580.5	480.3
17.5°	820.4	820.4	821.2	819.6	814.0	800.0	771.3	768.9	713.0	617.2	499.8
20°	845.1	843.9	846.7	847.5	844.3	837.5	822.4	818.8	766.9	665.9	522.2
22.5°	877.5	876.3	877.5	879.5	879.5	875.1	867.1	865.1	829.6	722.6	550.5
25°	917.0	915.8	917.0	919.0	919.4	921.8	913.4	913.8	889.0	783.3	585.2
27.5°	966.5	966.5	965.3	966.1	970.1	973.3	971.7	970.9	948.1	857.9	625.6
30°	1024.4	1022.4	1024.4	1022.8	1025.6	1028.0	1028.4	1030.0	1017.6	935.4	682.7
32.5°	1083.9	1083.5	1092.2	1095.8	1097.0	1106.6	1112.6	1118.2	1113.8	1041.1	763.7
35°	1162.5	1160.9	1169.7	1181.7	1192.4	1207.6	1239.6	1234.4	1259.5	1227.6	898.2
37.5°	1260.3	1257.1	1268.7	1284.3	1303.0	1333.0	1384.1	1386.1	1451.9	1490.3	1143.7
40°	1399.6	1394.4	1396.4	1433.2	1455.1	1489.9	1564.1	1567.3	1689.9	1791.3	1438.0
42.5°	1537.8	1534.2	1543.3	1549.7	1574.9	1655.5	1758.9	1760.1	1943.4	2099.5	1772.1
45°	1693.5	1690.7	1689.9	1691.5	1697.8	1802.4	1968.9	1983.7	2192.1	2412.0	2120.2
47.5°	1861.9	1850.3	1855.1	1851.5	1855.1	1966.5	2184.9	2189.3	2455.1	2705.5	2455.1
50°	2011.2	2010.8	2018.4	2026.0	2038.0	2178.1	2426.0	2457.9	2691.1	2995.7	2781.3
52.5°	2129.4	2129.0	2176.1	2207.2	2240.8	2425.2	2701.9	2724.6	2962.1	3299.5	3118.2
55°	2164.9	2175.7	2294.3	2408.0	2489.9	2726.2	3024.0	3033.2	3244.0	3640.8	3438.0
57.5°	2091.9	2113.4	2317.4	2537.4	2773.3	3119.0	3385.7	3374.9	3563.0	4028.0	3681.5
60°	1898.6	1927.0	2221.6	2564.9	3005.7	3563.0	3832.4	3827.2	3955.0	4361.8	3744.2
62.5°	1588.9	1631.2	1983.3	2420.8	3136.2	3954.6	4340.6	4318.7	4270.0	4487.5	3594.9
65°	1222.0	1256.3	1628.0	2111.0	3074.3	4151.0	4677.2	4665.2	4366.2	4334.6	3289.1
66°	1074.7	1121.0	1470.3	1967.7	3007.3	4128.6	4709.1	4691.1	4328.2	4230.8	3134.6
67.5°	891.8	941.3	1264.3	1739.4	2862.7	3968.6	4611.3	4617.7	4208.9	4012.5	2850.8
70°	691.0	734.9	1017.2	1416.8	2560.1	3413.7	4146.6	4182.5	3861.2	3483.5	2382.1
72.5°	458.7	497.8	683.0	1029.6	2131.8	2685.5	3412.1	3473.5	3390.1	2792.1	1839.6
75°	246.7	266.3	372.9	606.4	1528.2	1996.5	2525.0	2588.1	2546.6	1895.9	1152.5
77.5°	156.5	151.3	169.3	273.9	866.7	1433.6	1657.5	1712.6	1563.3	970.1	521.8
80°	113.0	103.4	106.2	140.9	362.1	915.4	972.9	950.1	757.7	340.9	160.1
82.5°	79.0	74.7	72.7	84.6	134.1	471.9	502.6	472.7	266.7	107.0	52.3
85°	51.5	47.9	46.7	51.1	58.3	205.6	201.2	192.4	97.4	47.9	29.5
87.5°	26.7	26.7	26.7	29.5	29.9	70.7	60.7	58.7	32.3	19.2	14.0
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: USSL-50-740-U-T4RE-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.4
2.5°	411.6	402.8	387.6	370.1	354.5	343.7	332.5	324.6	320.6	319.0	318.6
5°	412.0	394.4	361.3	331.3	307.8	294.6	284.6	277.5	274.3	271.9	272.3
7.5°	413.2	386.8	337.7	300.2	275.5	264.3	259.5	258.3	258.7	259.1	258.3
10°	414.8	379.6	315.8	275.5	257.1	251.5	251.9	253.9	254.7	255.5	255.1
12.5°	418.8	372.5	297.0	257.5	247.1	246.3	247.1	249.1	250.3	251.1	251.5
15°	423.6	366.9	279.4	245.9	240.7	240.7	241.1	243.1	244.7	245.9	245.9
17.5°	430.0	360.9	263.5	237.5	235.1	234.3	234.3	236.3	237.5	239.1	238.7
20°	438.7	355.3	249.5	230.7	227.9	227.2	227.2	228.3	230.3	231.5	230.7
22.5°	451.5	351.7	237.9	224.4	220.8	219.2	218.8	220.0	221.6	223.6	224.0
25°	467.9	349.3	227.9	216.0	212.0	210.4	209.6	210.4	212.4	214.8	214.8
27.5°	489.4	351.3	218.8	207.6	202.0	199.2	198.4	199.6	202.8	206.0	206.0
30°	520.2	359.7	211.2	198.0	190.4	186.0	184.0	185.6	190.4	195.6	196.4
32.5°	565.3	377.3	206.8	190.4	180.4	172.9	167.7	170.1	176.1	183.2	184.0
35°	655.1	416.4	204.0	183.6	170.1	160.1	153.3	152.5	160.9	169.3	172.1
37.5°	835.5	525.0	204.0	176.1	160.9	148.1	138.1	136.1	144.1	154.5	156.5
40°	1073.5	699.0	237.1	169.3	152.1	136.5	123.8	121.0	126.2	137.3	139.7
42.5°	1342.5	917.4	314.6	164.9	143.3	125.8	111.8	108.2	112.2	119.8	121.8
45°	1653.1	1169.7	447.5	168.9	134.9	114.6	100.6	96.2	99.4	102.6	103.4
47.5°	1951.7	1430.0	630.0	184.8	126.9	104.2	90.2	87.4	87.8	88.2	87.8
50°	2245.2	1696.6	854.3	220.0	117.8	94.6	82.2	78.2	77.8	76.6	76.2
52.5°	2538.6	1972.5	1090.2	258.3	108.6	85.8	75.1	70.7	68.7	67.5	68.3
55°	2812.8	2242.4	1311.0	271.9	98.6	77.8	68.3	63.1	60.7	59.1	59.5
57.5°	2945.8	2395.7	1406.0	245.9	87.8	70.7	61.9	56.3	53.9	52.7	52.7
60°	2892.7	2325.0	1261.9	176.1	77.8	63.1	55.5	50.3	48.3	47.1	47.1
62.5°	2598.9	1994.1	929.8	117.0	67.1	55.5	49.5	45.5	43.5	42.7	42.7
65°	2181.7	1556.1	558.1	84.6	57.1	49.5	45.5	41.5	39.5	37.9	37.9
66°	1993.3	1365.7	442.3	77.0	53.5	47.1	43.9	40.3	37.5	35.9	35.9
67.5°	1695.8	1105.0	285.8	67.5	48.3	44.3	41.5	37.9	35.1	32.7	32.7
70°	1287.9	750.5	128.9	53.5	41.5	40.3	37.1	32.7	30.7	28.7	28.3
72.5°	928.2	481.8	65.1	41.9	35.1	35.5	30.7	28.3	25.5	23.6	23.6
75°	590.0	260.7	41.1	32.3	29.9	30.3	25.5	23.2	21.2	19.6	20.0
77.5°	252.3	101.4	29.9	25.2	25.2	25.5	21.6	19.2	18.0	16.4	16.4
80°	79.4	43.5	21.6	19.2	20.4	21.2	18.0	16.8	14.8	11.6	12.0
82.5°	37.5	25.2	14.8	14.4	14.8	16.8	14.0	12.4	10.8	4.8	3.6
85°	24.4	12.8	8.0	7.6	8.4	10.0	9.6	6.8	4.8	1.6	1.6
87.5°	10.8	5.2	3.2	3.2	3.2	3.6	3.2	2.4	2.0	0.8	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

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

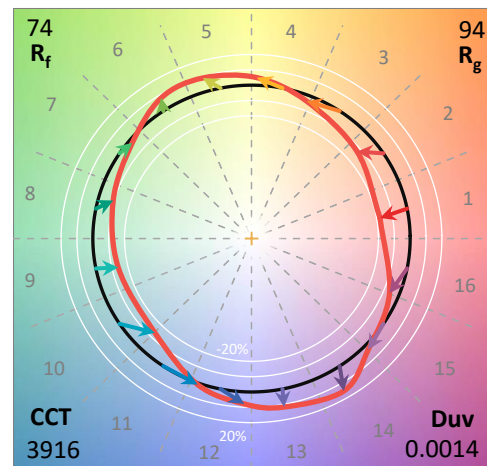
Data in this report applies to families of products including GKO-PB1E-740-U-T4W

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

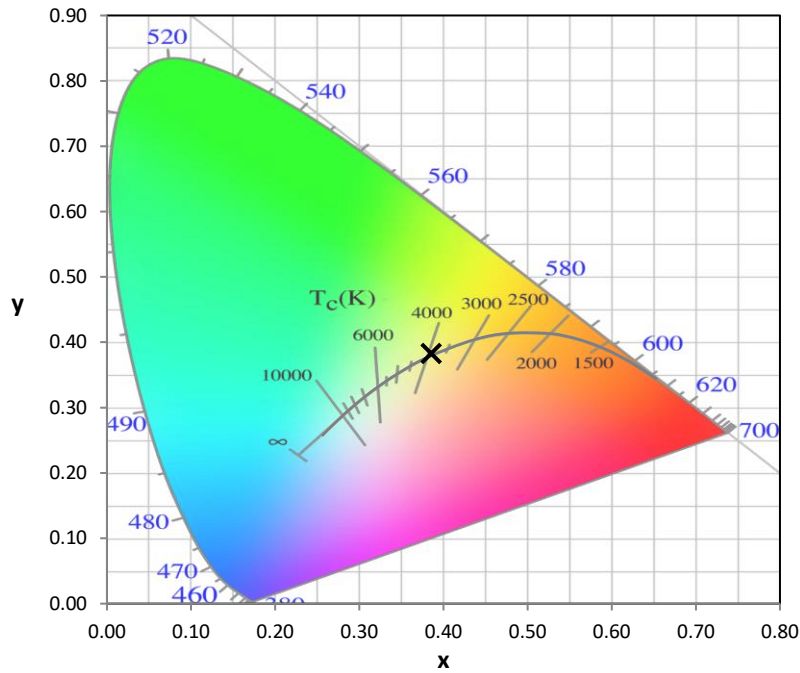
Stabilization Time: 33M
 Operation Time: 1H 33M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP2-2501-321-1

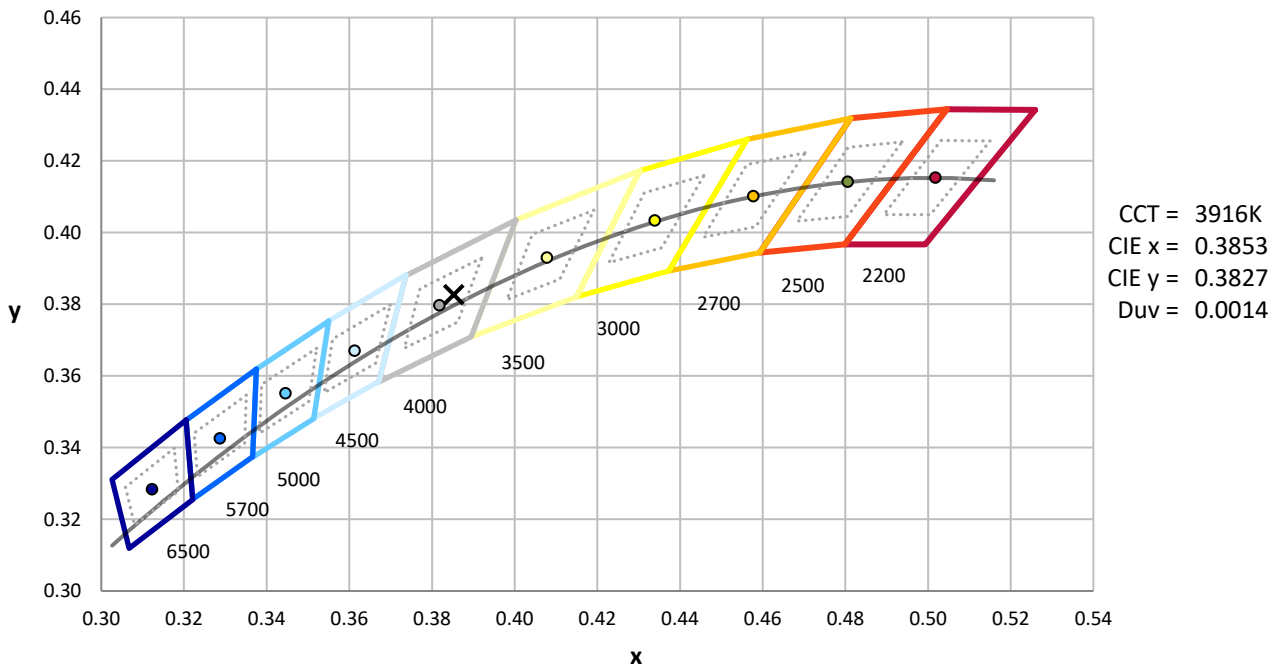
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	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 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			

REPORT NUMBER: SP2-2501-321-1

Scotopic Flux vs. Wavelength



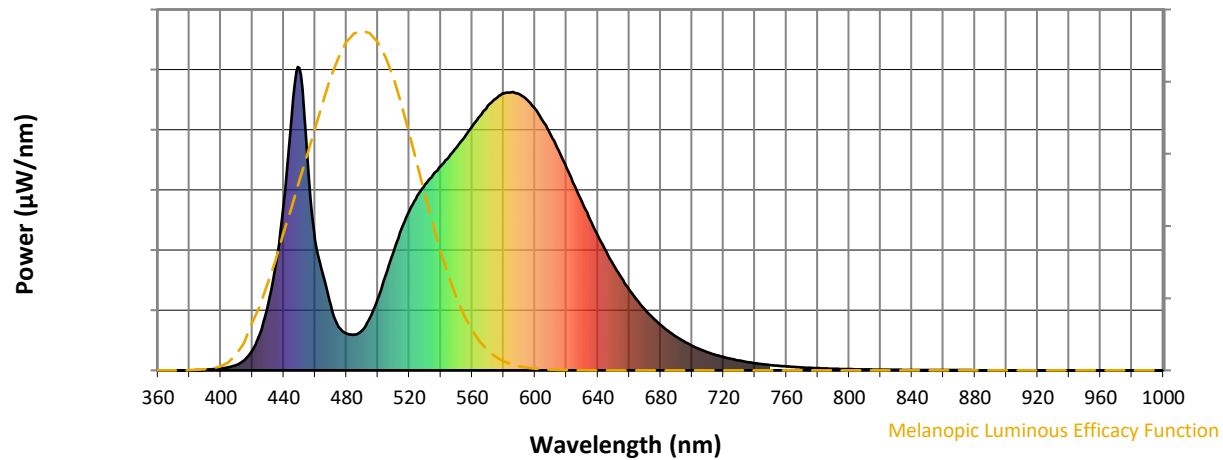
Scotopic Lumens: NR

S/P: 1.49

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

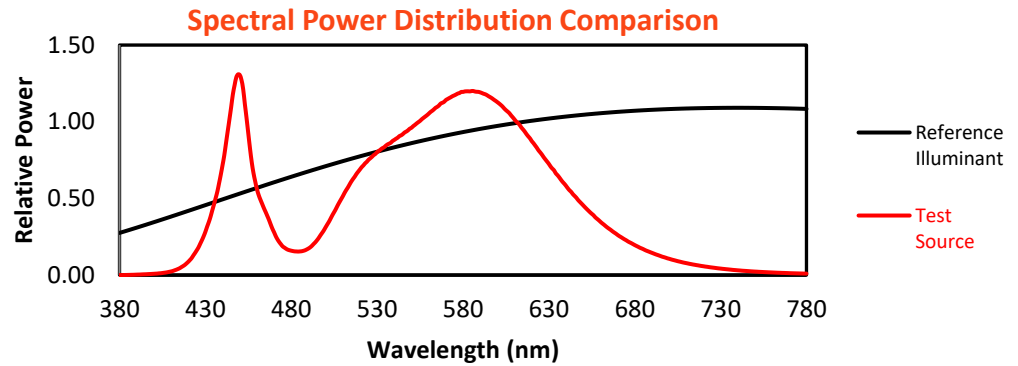
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	132	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			

REPORT NUMBER: SP2-2501-321-1

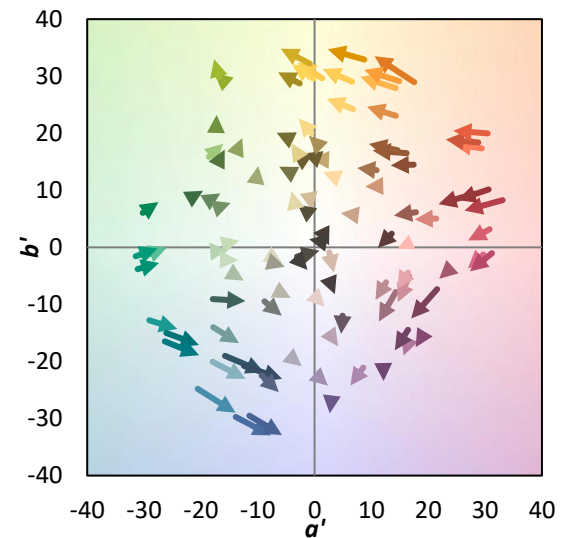
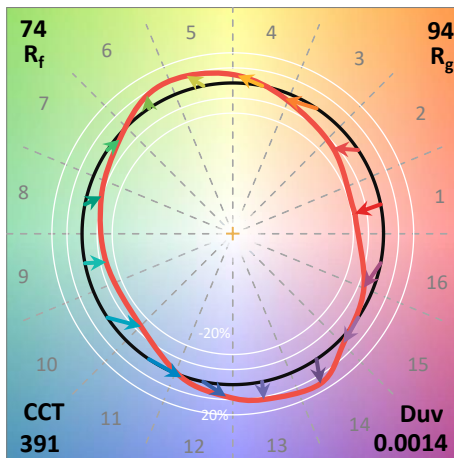
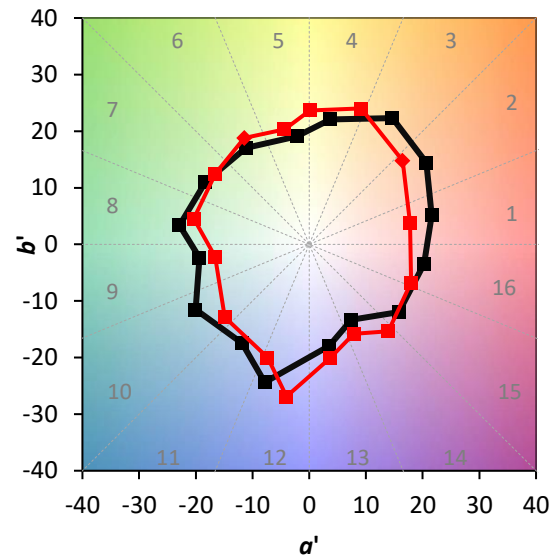
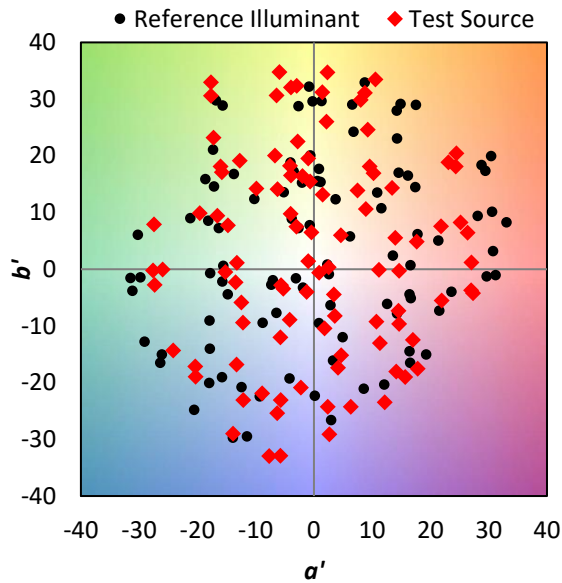
TM-30-18

Summary

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

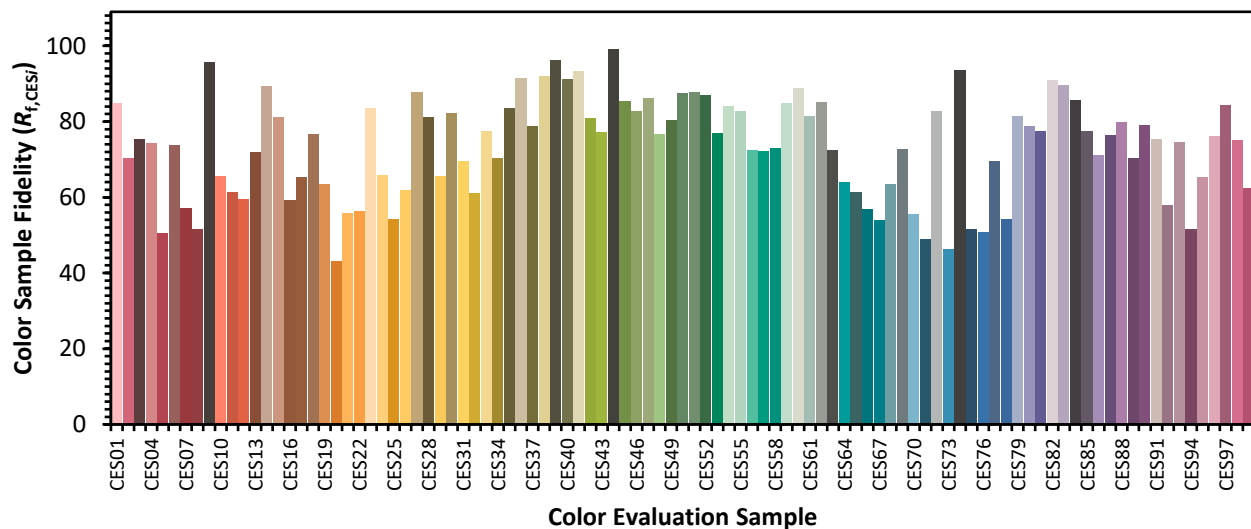


Color Vector Graphics

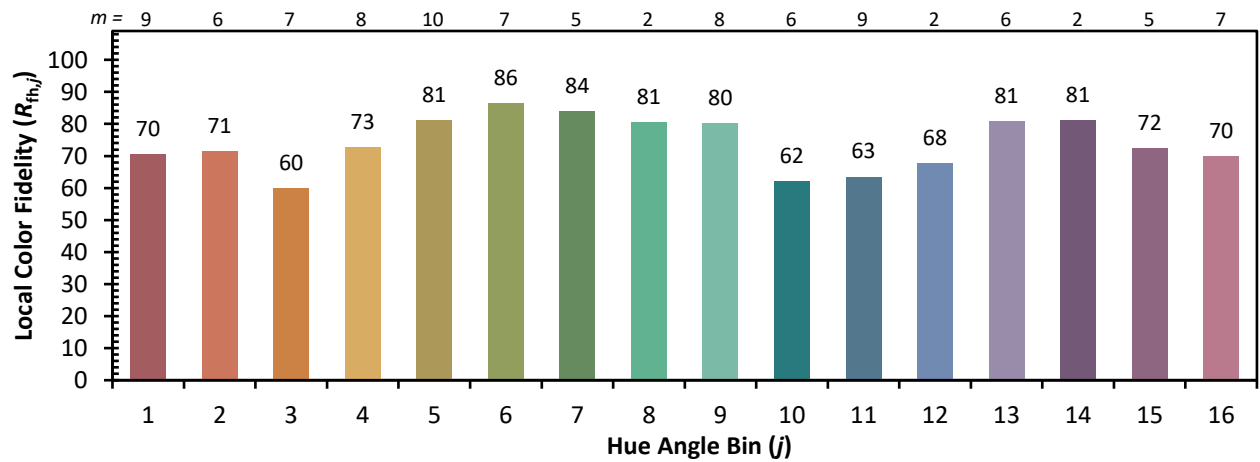
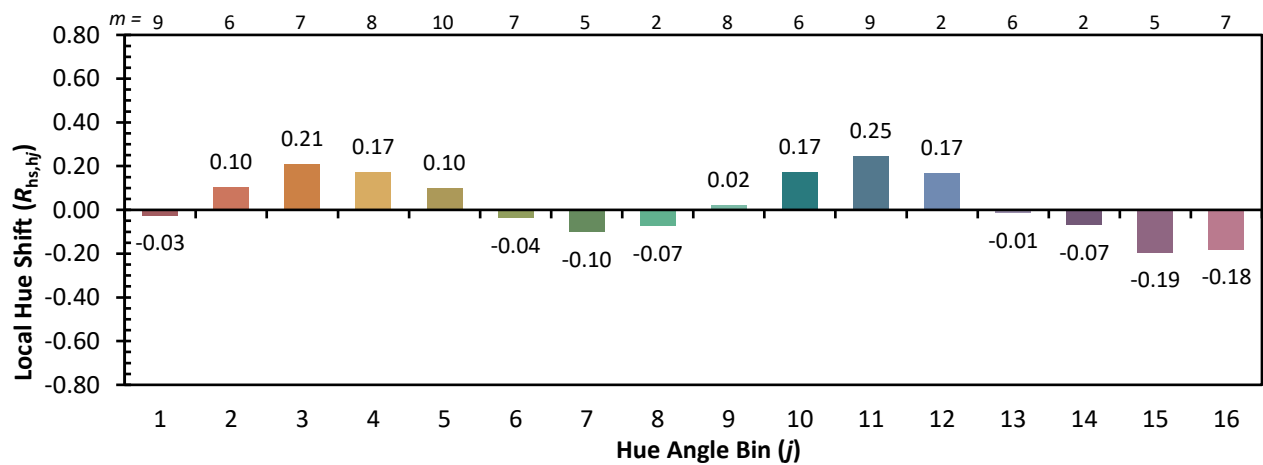
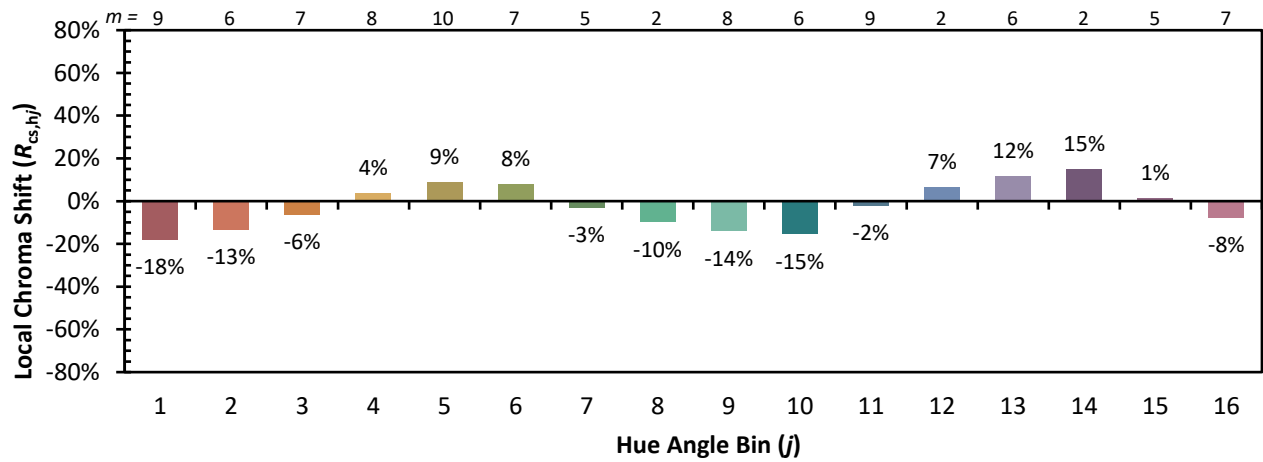


Individual Sample Fidelity Index ($R_{f,i}$)

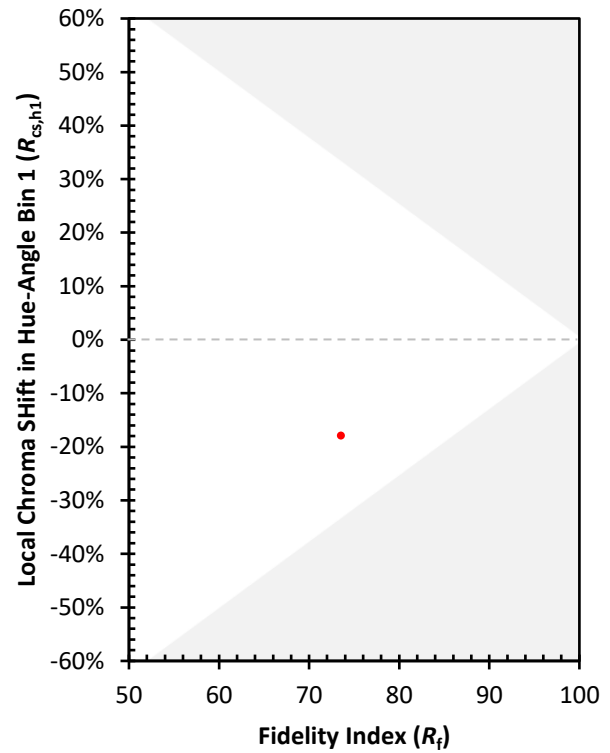
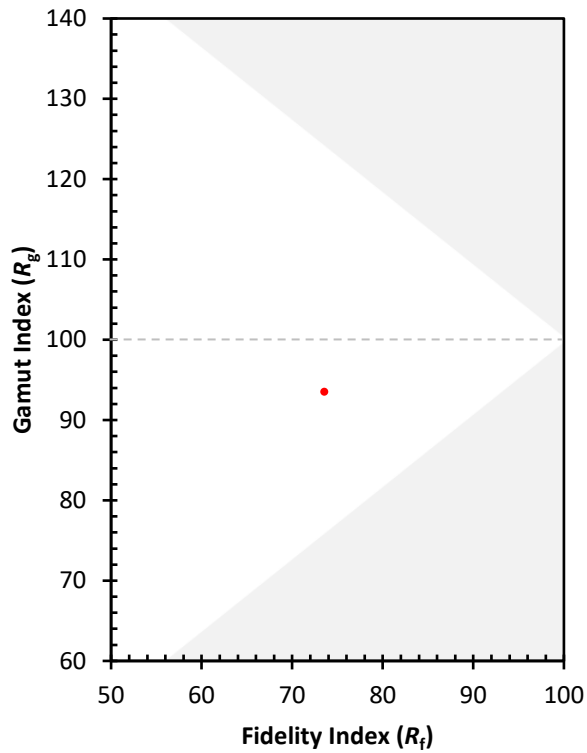
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 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)