

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: P1461378

Luminaire Tested: USSL-70-740-U-T2U-HSS

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1461378
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: USSL-70-740-U-T2U-HSS
Description: USSL DISCRETE LED 1 SQUARE 70W 70CRI 4000K FIXTURE w/ TYPE II URBAN
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: 8103.9 lumens
Efficiency: N/A
Efficacy: 111.0 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): 73
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 2.73%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

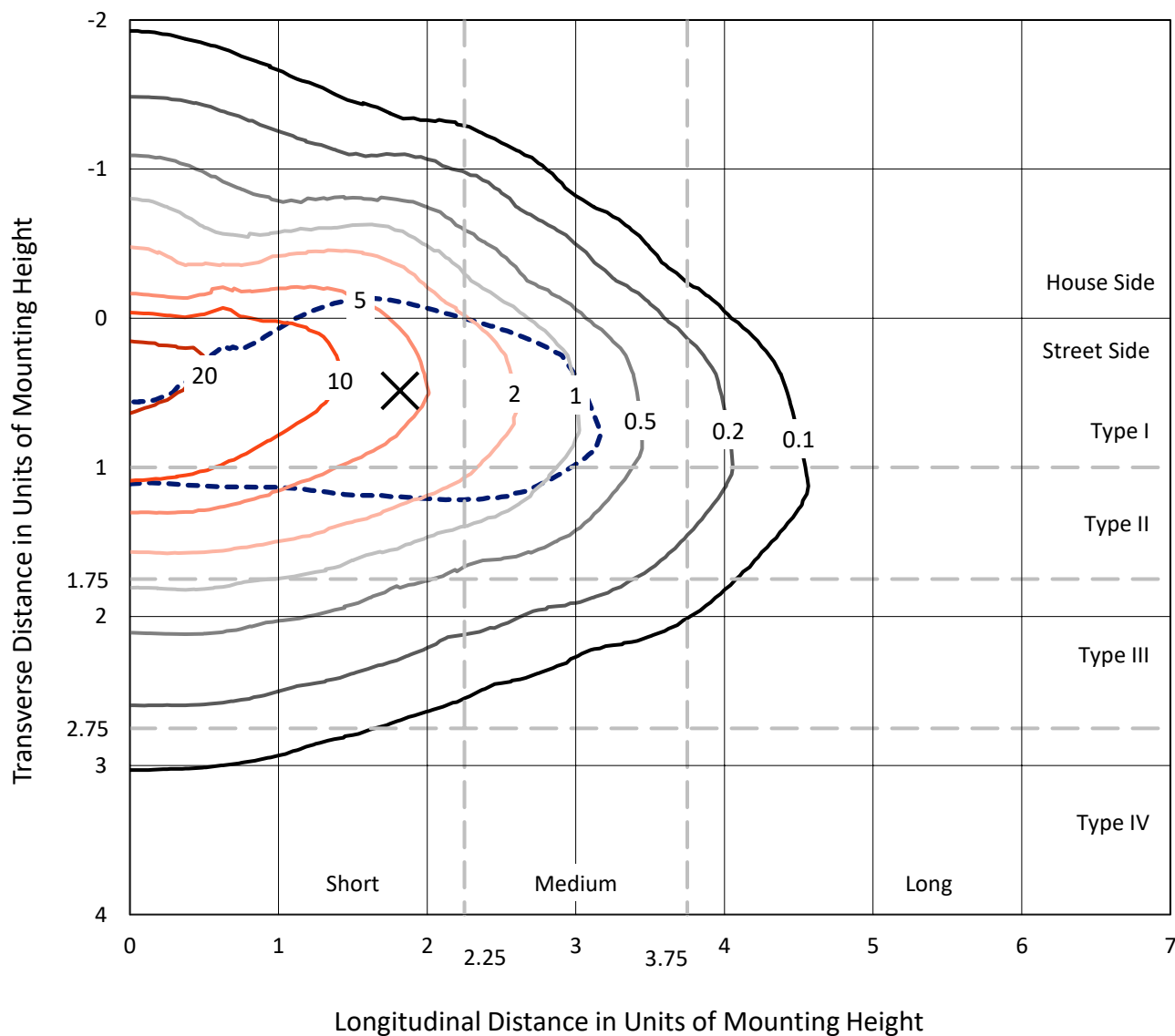
REPORT NUMBER: P1461378

CATALOG NUMBER: USSL-70-740-U-T2U-HSS

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



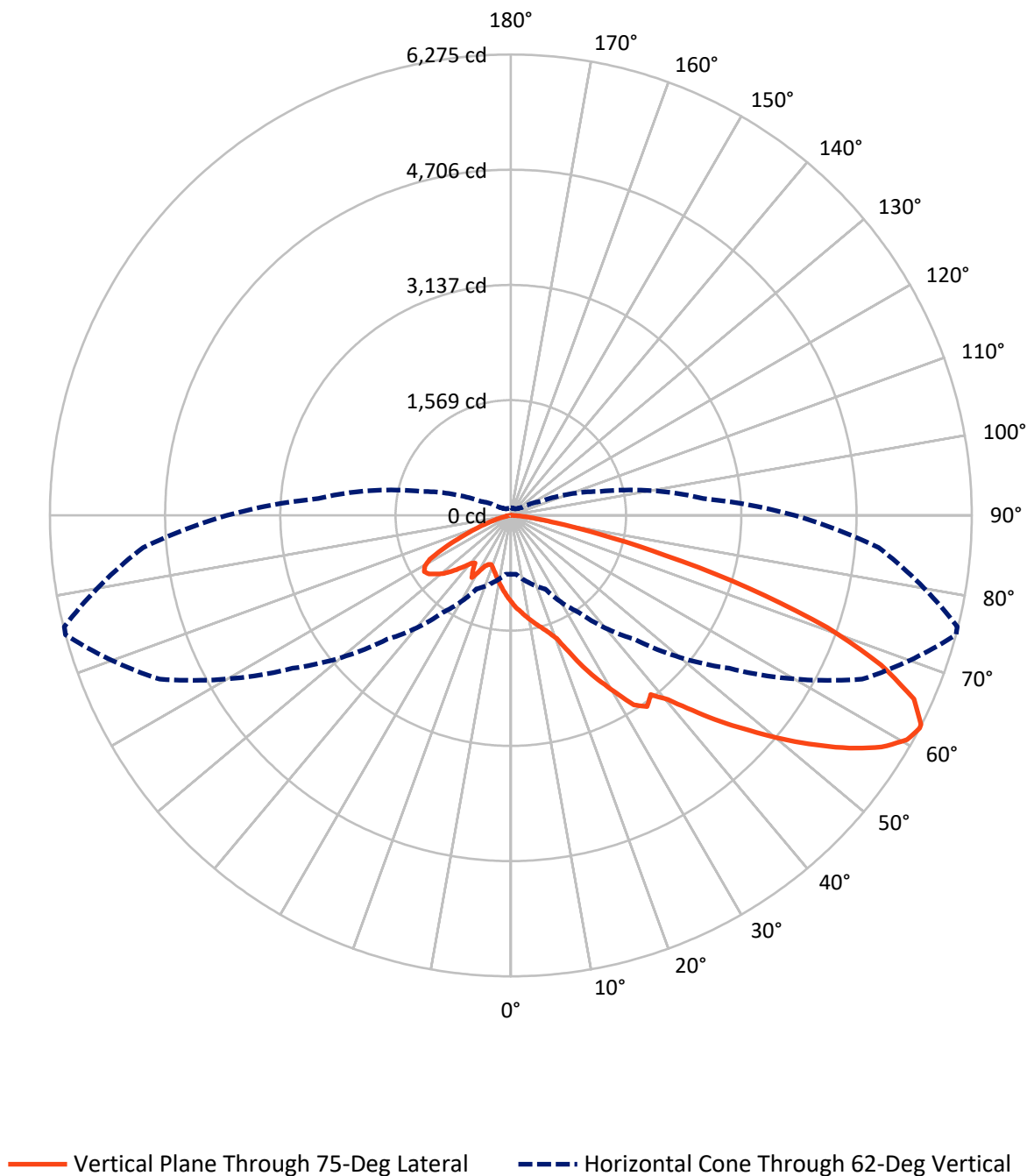
Based on 10 foot mounting height. Maximum calculated value = 24.7 fc

Type II - Short - N/A

REPORT NUMBER: P1461378

CATALOG NUMBER: USSL-70-740-U-T2U-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P1461378

CATALOG NUMBER: USSL-70-740-U-T2U-HSS

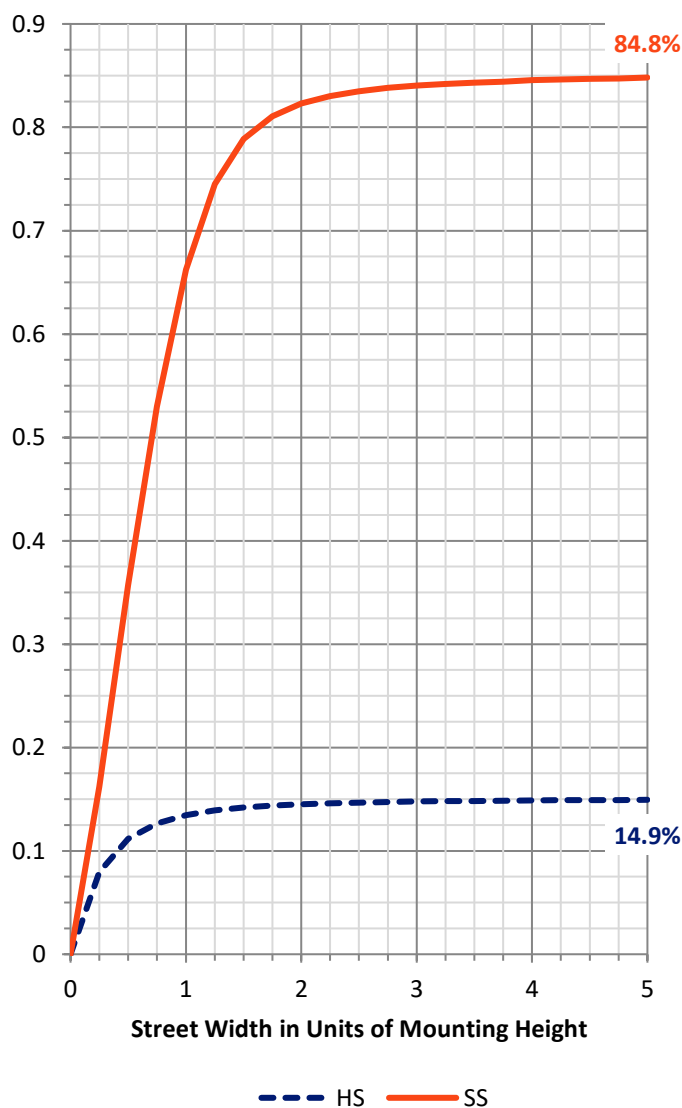
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1221.7	0.0	1221.7
	% Fixture	15.1	0.0	15.1
Street Side	Lumens	6882.2	0.0	6882.2
	% Fixture	84.9	0.0	84.9
Total	Lumens	8103.9	0.0	8103.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.3	1.4
10°-20°	392.4	4.8
20°-30°	742.5	9.2
30°-40°	1198.0	14.8
40°-50°	1666.7	20.6
50°-60°	1892.5	23.4
60°-70°	1484.7	18.3
70°-80°	540.2	6.7
80°-90°	70.6	0.9
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°	8103.9	100.0
0°-180°	8103.9	100.0

Coefficient of Utilization



REPORT NUMBER: P1461378

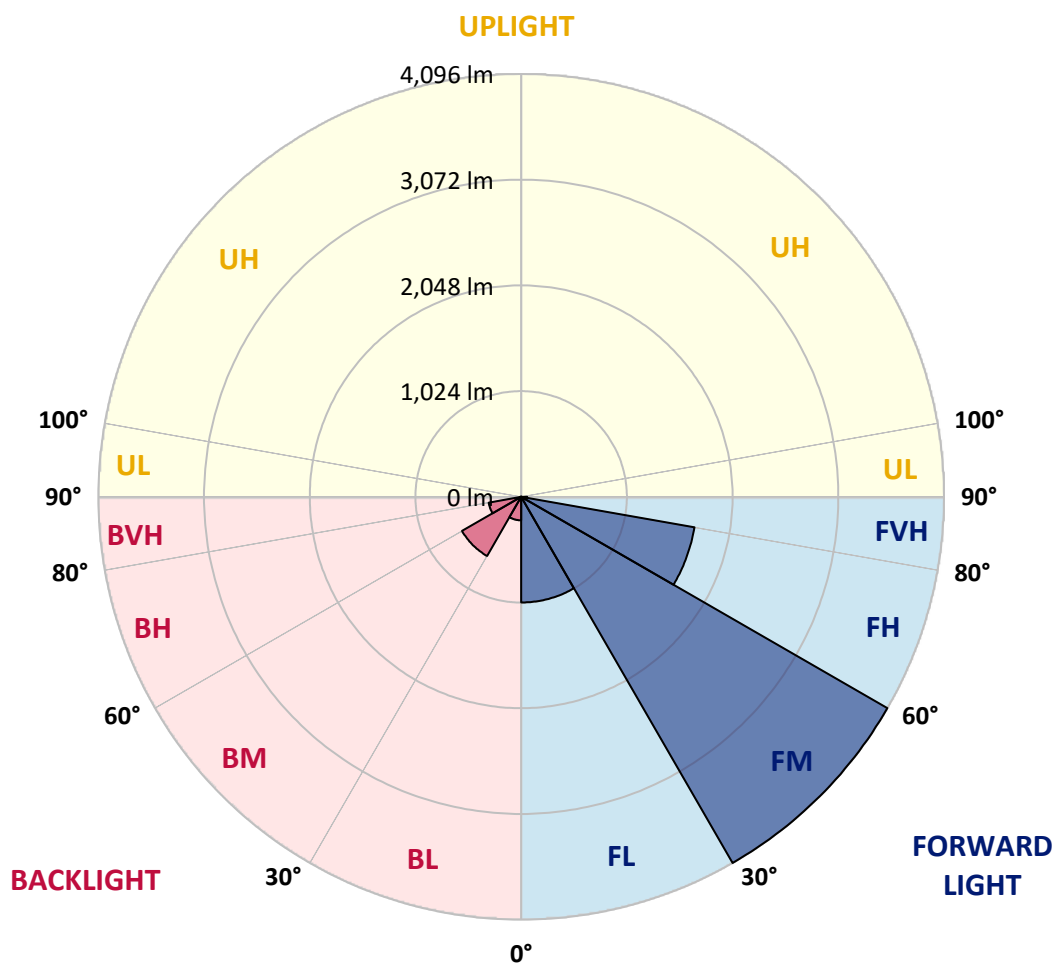
CATALOG NUMBER: USSL-70-740-U-T2U-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1023.3	12.6			
FM	(30°-60°)	4096.0	50.5			
FH	(60°-80°)	1705.1	21.0			G1/1800
FVH	(80°-90°)	57.8	0.7			G1/100
BL	(0°-30°)	227.9	2.8	B1/500		
BM	(30°-60°)	661.3	8.2	B1/1000		
BH	(60°-80°)	319.8	3.9	B1/500		G1/500
BVH	(80°-90°)	12.8	0.2			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 II Short



REPORT NUMBER: P1461378

CATALOG NUMBER: USSL-70-740-U-T2U-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9
2.5°	1437.3	1431.7	1426.2	1415.2	1397.0	1359.0	1323.2	1290.7	1248.9	1240.0	1204.2
5°	1693.4	1697.3	1670.8	1652.6	1604.7	1541.9	1475.3	1394.8	1307.2	1300.6	1223.5
7.5°	1973.8	1974.4	1938.6	1901.6	1830.6	1730.3	1616.8	1501.2	1374.5	1359.6	1241.7
10°	2263.0	2239.3	2221.2	2166.6	2066.4	1924.8	1779.4	1614.1	1442.2	1420.7	1264.3
12.5°	2463.5	2455.3	2425.5	2363.3	2274.6	2133.0	1949.0	1728.7	1514.4	1485.7	1291.3
15°	2697.7	2671.2	2624.4	2556.1	2459.1	2312.6	2111.5	1859.8	1588.2	1559.0	1323.2
17.5°	2938.4	2911.4	2889.4	2818.9	2701.5	2499.4	2277.3	2004.1	1676.3	1637.8	1360.1
20°	3031.5	3020.5	3030.4	3020.5	2959.3	2815.0	2536.8	2171.0	1788.2	1743.0	1417.4
22.5°	2915.8	2908.7	2946.7	2994.6	3030.4	3021.0	2856.3	2507.6	2010.7	1950.7	1529.2
25°	2891.6	2891.0	2912.0	2939.0	2942.3	2969.8	2978.6	2784.2	2279.0	2210.1	1707.2
27.5°	2985.8	2965.4	2977.0	3015.5	3021.0	3024.3	2975.3	2883.3	2531.3	2470.7	1907.7
30°	3124.1	3102.6	3091.6	3107.5	3120.7	3154.4	3139.5	3011.7	2785.3	2745.6	2230.5
32.5°	3342.2	3318.0	3276.6	3248.6	3224.3	3293.2	3338.9	3283.8	3076.1	3032.6	2557.2
35°	3532.3	3522.3	3499.2	3440.8	3384.6	3440.3	3585.7	3591.2	3196.8	3129.6	2512.0
37.5°	3721.2	3703.6	3697.0	3654.6	3583.5	3564.2	3686.0	3589.6	3094.3	3018.8	2364.9
40°	3811.0	3795.6	3846.3	3846.3	3754.8	3685.4	3737.7	3647.4	3294.8	3239.7	2582.0
42.5°	3789.5	3778.0	3843.5	3868.3	3866.1	3831.9	3893.6	3900.8	3625.9	3565.9	2915.8
45°	3567.0	3521.8	3602.2	3781.8	3871.1	3928.3	4090.9	4208.2	4002.2	3935.0	3266.2
47.5°	3251.3	3211.1	3335.0	3591.8	3786.8	3972.4	4245.1	4500.2	4375.1	4309.6	3647.4
50°	2725.8	2755.0	2970.9	3293.2	3616.5	3953.7	4363.0	4773.4	4782.2	4714.5	4044.6
52.5°	2162.8	2190.3	2539.0	2916.4	3374.2	3809.4	4411.5	5062.1	5189.9	5128.2	4424.7
55°	1626.2	1669.2	1964.4	2443.2	2977.0	3578.0	4366.3	5285.2	5592.6	5557.9	4770.1
57.5°	1242.2	1273.6	1475.8	1918.2	2466.3	3250.8	4212.0	5422.3	5951.7	5917.0	5002.6
60°	951.9	968.5	1143.6	1406.4	1982.6	2804.0	3942.7	5412.4	6198.5	6173.7	5085.2
62°	802.6	803.2	946.4	1104.5	1612.4	2387.0	3628.1	5275.8	6274.6	6264.6	5025.7
62.5°	767.4	788.3	907.3	1050.0	1500.1	2280.7	3517.9	5212.4	6266.8	6257.5	4988.8
65°	610.4	626.4	715.0	802.1	1139.8	1673.0	2925.2	4793.2	6031.1	6031.1	4723.3
67.5°	496.3	499.1	565.2	616.4	830.2	1135.9	2167.2	4174.0	5440.0	5473.0	4258.9
70°	378.5	386.2	421.4	468.3	599.9	806.5	1462.6	3308.0	4570.7	4523.3	3543.3
72.5°	299.7	299.7	317.9	337.7	420.3	569.6	1002.1	2398.5	3390.1	3357.6	2603.5
75°	245.7	247.3	251.2	249.0	287.6	390.0	656.1	1484.6	2170.5	2163.3	1579.9
77.5°	184.5	186.7	199.4	196.1	195.0	240.7	414.8	804.8	1232.3	1230.1	828.0
80°	139.9	139.9	144.9	143.2	137.2	150.9	251.2	436.8	627.5	632.4	441.3
82.5°	99.7	99.7	106.3	104.7	98.1	103.6	143.2	240.7	335.5	327.2	252.3
85°	56.2	57.8	59.5	63.9	62.2	65.0	84.3	119.5	165.3	173.0	140.5
87.5°	27.5	30.3	30.8	33.6	32.5	33.6	39.1	52.9	49.0	49.0	36.4
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: P1461378

CATALOG NUMBER: USSL-70-740-U-T2U-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9	1178.9
2.5°	1181.1	1156.3	1117.2	1074.2	1036.2	1008.7	971.8	948.1	931.5	927.7	950.3
5°	1180.0	1135.4	1052.2	976.2	906.2	850.6	798.8	759.1	733.8	718.4	732.1
7.5°	1176.1	1115.5	990.5	879.8	782.8	707.9	645.1	607.1	577.3	568.0	563.0
10°	1181.6	1096.3	934.3	789.4	678.7	585.0	529.9	496.3	478.2	463.3	466.6
12.5°	1184.9	1078.1	880.3	715.0	584.5	500.8	452.3	428.0	414.8	408.2	404.3
15°	1188.8	1064.3	827.4	636.3	505.7	438.5	399.9	381.2	369.1	366.9	363.0
17.5°	1207.0	1056.0	781.7	571.3	445.1	387.3	359.7	345.4	337.1	335.5	333.8
20°	1237.3	1062.1	744.2	516.7	399.4	351.5	327.8	317.3	312.9	311.2	310.1
22.5°	1312.2	1093.5	719.5	473.2	363.0	320.6	302.4	295.8	293.1	292.0	290.9
25°	1453.8	1196.0	733.2	445.1	337.1	293.1	280.4	277.1	274.3	273.8	273.8
27.5°	1607.5	1304.5	776.2	442.9	319.5	273.2	261.7	259.5	258.4	258.4	258.4
30°	1890.1	1508.9	870.4	488.6	322.8	257.3	244.6	243.5	244.6	246.2	246.2
32.5°	2172.1	1757.3	999.3	531.6	330.0	244.0	229.7	229.7	232.5	235.8	235.8
35°	2155.1	1738.0	912.8	461.6	291.4	228.1	215.9	216.5	222.6	225.9	225.9
37.5°	1978.2	1560.1	809.8	405.4	267.7	215.9	203.3	204.4	211.0	214.8	215.4
40°	2128.1	1667.0	846.7	413.7	259.5	207.1	192.3	193.9	199.4	202.7	202.2
42.5°	2404.6	1862.0	926.6	429.1	252.9	200.0	183.4	183.4	186.7	189.0	188.4
45°	2700.4	2083.4	1023.5	442.4	245.7	193.9	176.3	173.5	174.6	175.2	174.1
47.5°	3028.2	2339.0	1122.7	458.9	239.1	188.4	166.9	163.6	162.5	160.9	162.0
50°	3363.1	2571.5	1219.7	469.9	233.0	181.2	158.7	152.6	149.8	147.6	147.1
52.5°	3695.9	2838.1	1296.8	476.5	226.4	173.0	149.3	141.0	137.2	133.9	132.8
55°	3985.1	3043.1	1371.7	479.8	219.3	164.2	138.8	128.9	122.3	118.4	117.9
57.5°	4139.3	3110.3	1404.2	479.8	211.0	154.2	128.4	116.8	112.4	109.1	108.5
60°	4079.3	2943.4	1356.3	473.2	199.4	142.7	116.8	108.0	105.2	106.9	106.9
62°	3863.9	2629.4	1254.9	453.4	187.9	130.6	109.1	101.9	100.3	102.5	103.6
62.5°	3793.4	2541.8	1204.8	446.8	184.0	128.4	107.4	99.7	99.2	101.4	100.8
65°	3316.3	1988.1	947.5	397.2	165.8	116.2	98.6	93.7	96.4	96.4	95.9
67.5°	2804.5	1524.3	688.1	331.6	147.6	105.8	89.8	89.8	89.2	87.6	87.0
70°	2204.6	1122.1	478.2	253.4	126.7	94.8	81.5	79.3	77.1	76.0	76.6
72.5°	1515.5	790.5	316.2	189.0	102.5	79.3	70.5	67.2	64.5	62.8	62.2
75°	902.3	483.1	210.4	126.7	78.2	66.7	57.8	54.0	52.3	49.6	49.6
77.5°	494.7	291.4	122.8	87.0	61.7	55.1	47.4	41.9	42.4	40.2	40.2
80°	263.3	152.6	76.0	58.9	46.8	45.2	39.1	34.7	33.6	28.6	27.5
82.5°	156.5	85.9	47.9	40.2	34.2	34.7	30.8	27.0	23.7	9.9	7.7
85°	89.2	42.4	22.6	19.8	17.1	20.4	18.2	13.8	8.8	1.7	2.2
87.5°	27.0	8.8	6.1	6.1	5.5	5.0	3.9	2.8	2.2	0.0	0.0
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

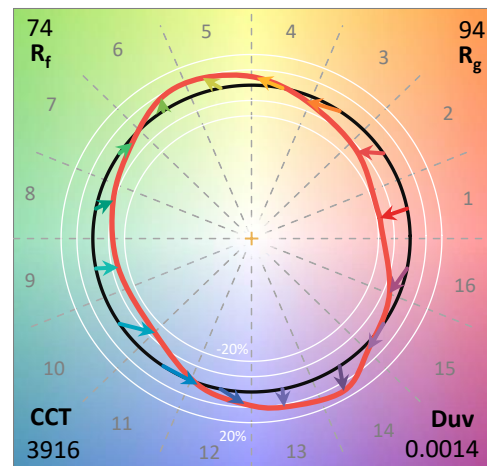
Data in this report applies to families of products including GKO-PB1E-740-U-T4W

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

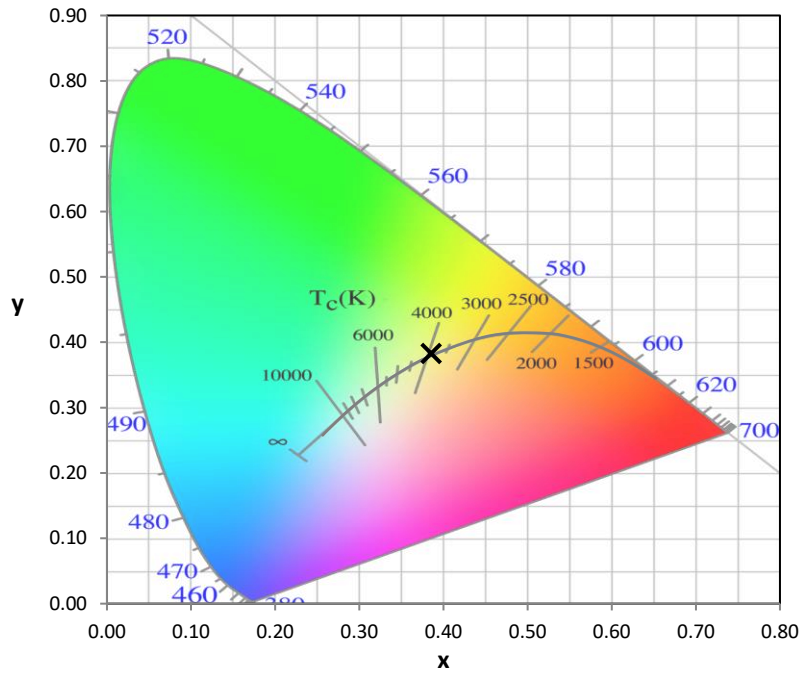
Stabilization Time: 33M
 Operation Time: 1H 33M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP2-2501-321-1

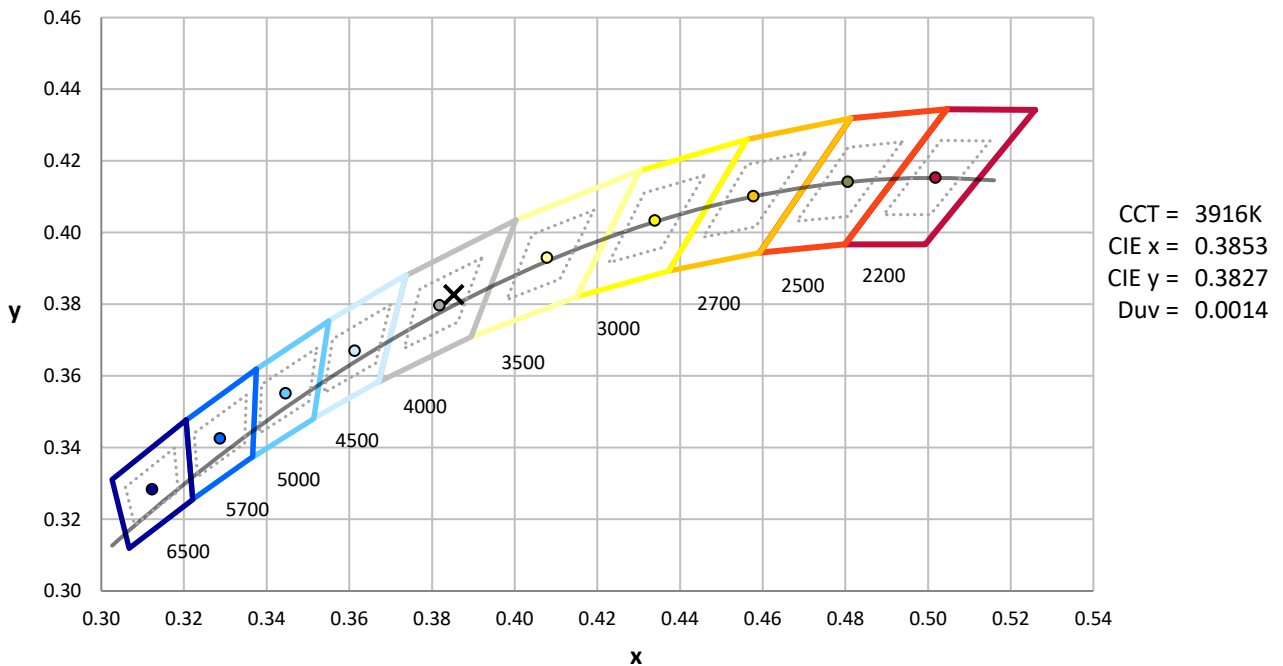
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP2-2501-321-1

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

REPORT NUMBER: SP2-2501-321-1

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			

REPORT NUMBER: SP2-2501-321-1

Scotopic Flux vs. Wavelength



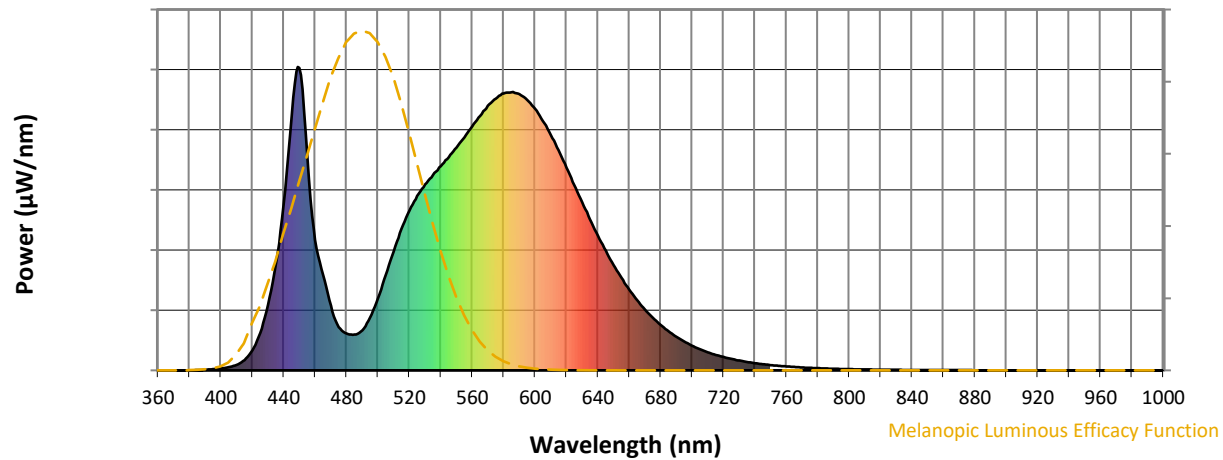
Scotopic Lumens: NR

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			

REPORT NUMBER: SP2-2501-321-1

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

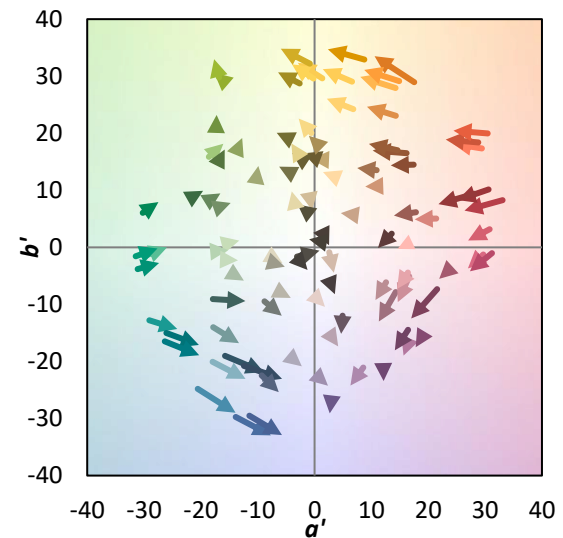
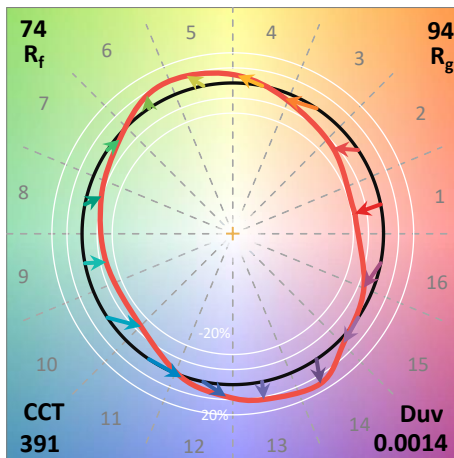
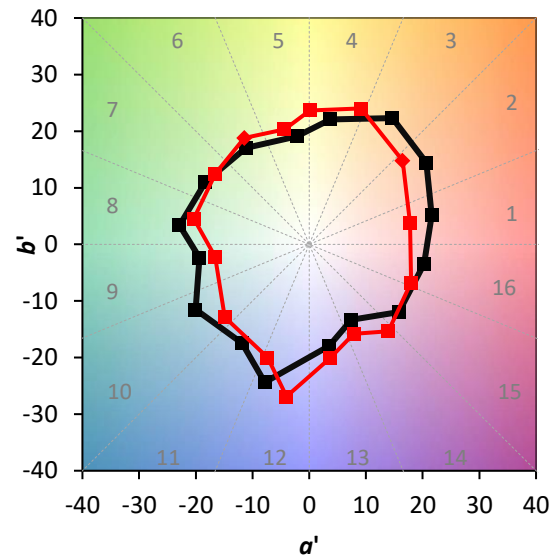
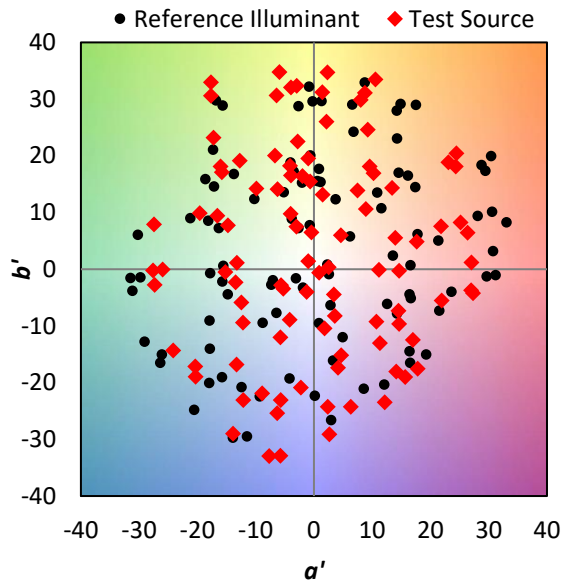
TM-30-18

Summary

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

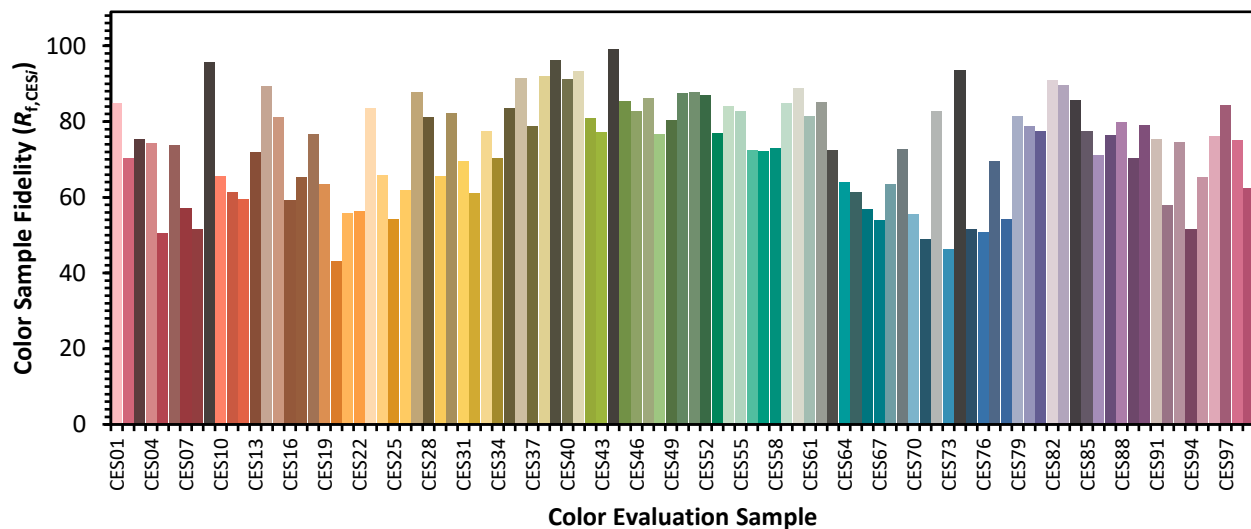


Color Vector Graphics

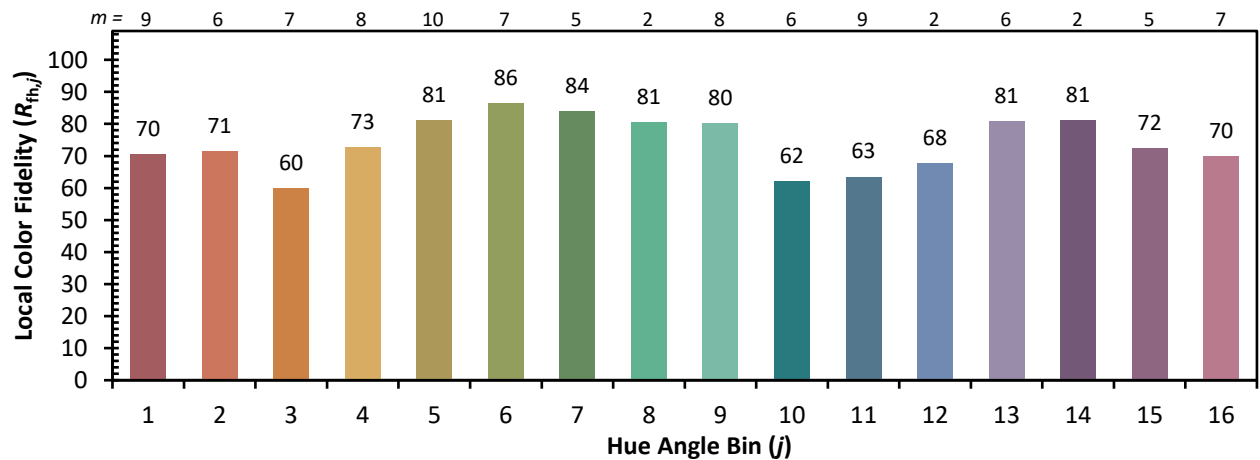
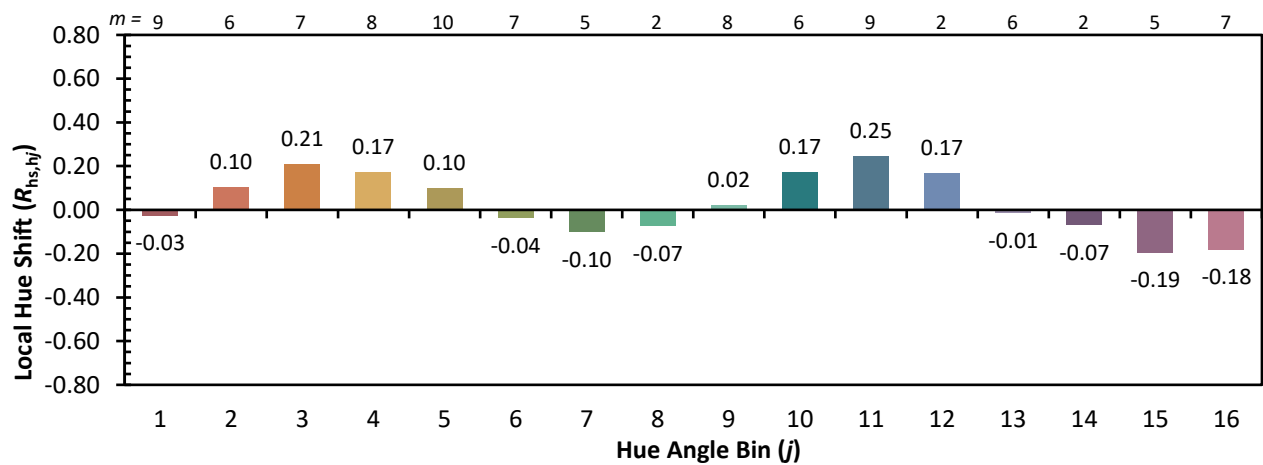
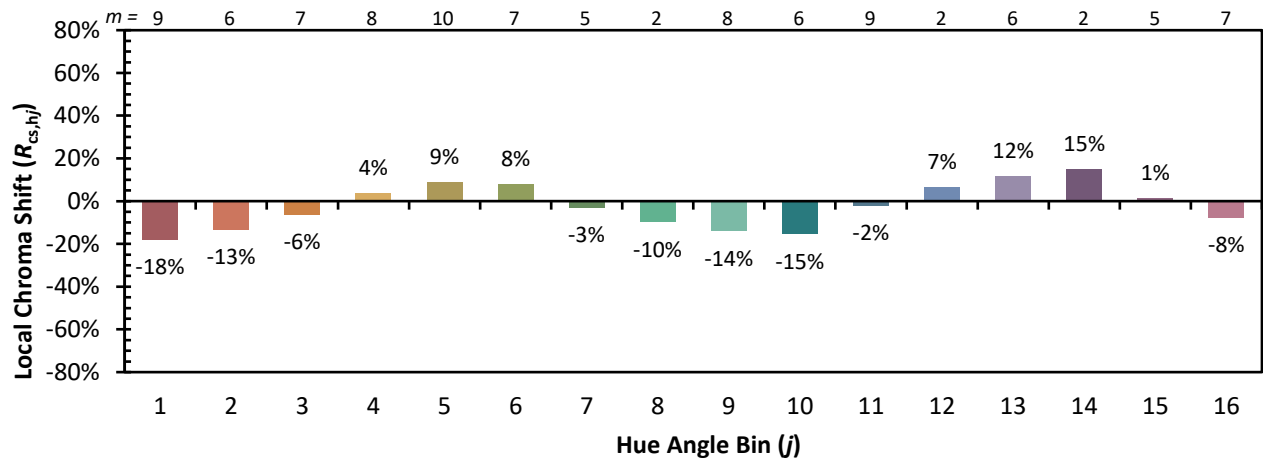


Individual Sample Fidelity Index ($R_{f,i}$)

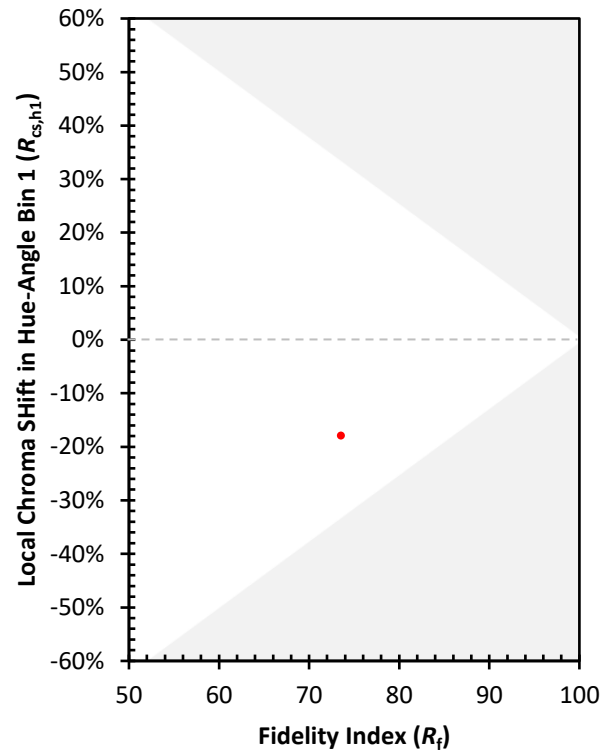
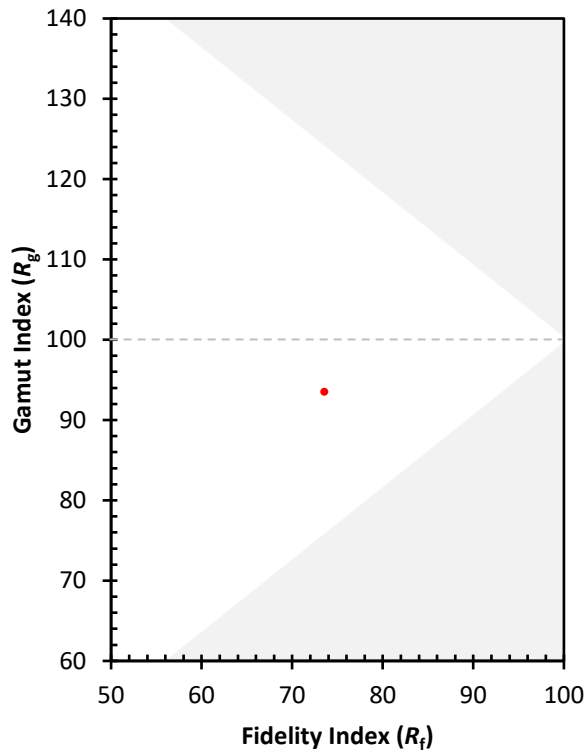
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82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