

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: P1461381

Luminaire Tested: USSL-50-722-U-T2U-HSS

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1461381
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: USSL-50-722-U-T2U-HSS
Description: USSL DISCRETE LED 1 SQUARE 50W 70CRI 2200K FIXTURE w/ TYPE II URBAN
DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source: (40) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4895.4 lumens
Efficiency: N/A
Efficacy: 94.1 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

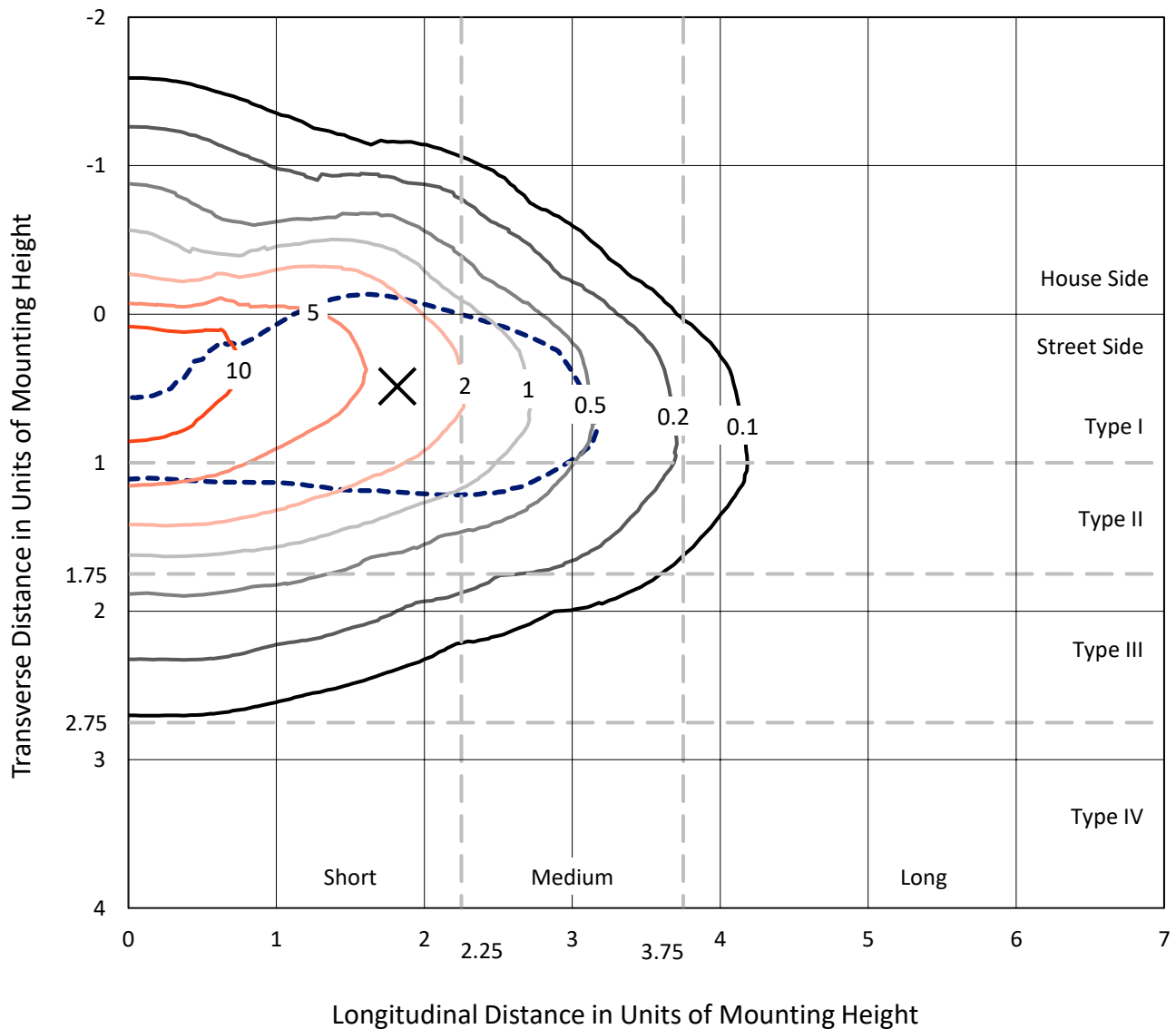
Input Watts (W): 52
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 3.35%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

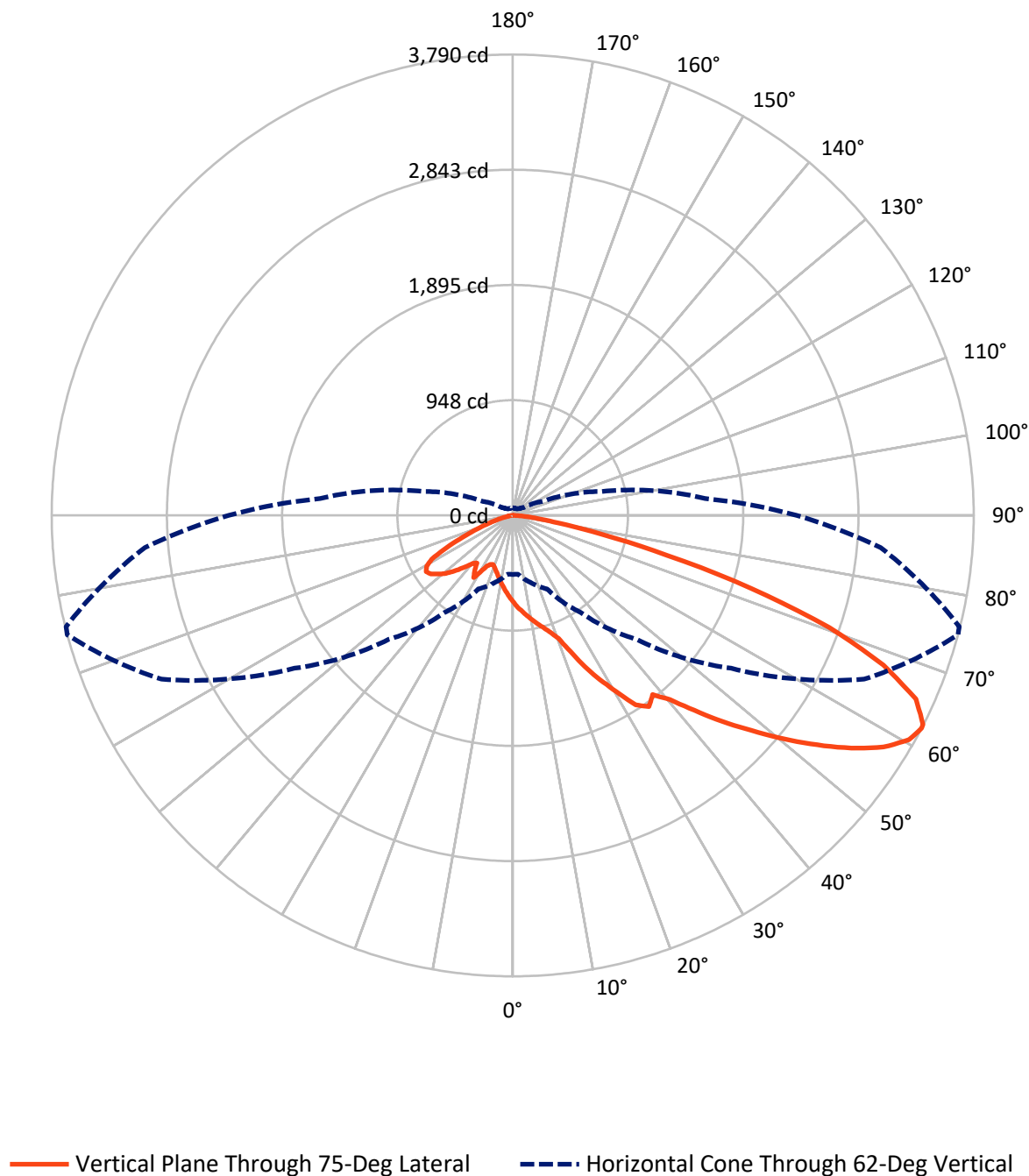


Based on 10 foot mounting height. Maximum calculated value = 14.9 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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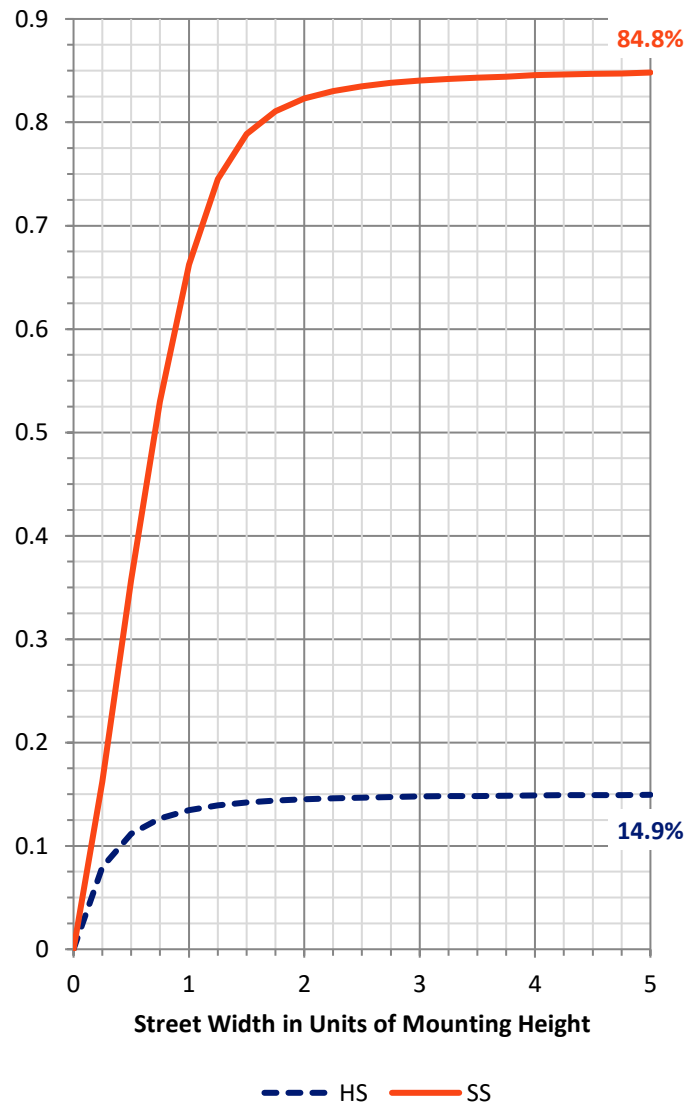
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	738.0	0.0	738.0
	% Fixture	15.1	0.0	15.1
Street Side	Lumens	4157.4	0.0	4157.4
	% Fixture	84.9	0.0	84.9
Total	Lumens	4895.4	0.0	4895.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.2	1.4
10°-20°	237.0	4.8
20°-30°	448.5	9.2
30°-40°	723.7	14.8
40°-50°	1006.8	20.6
50°-60°	1143.2	23.4
60°-70°	896.9	18.3
70°-80°	326.3	6.7
80°-90°	42.6	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°	4895.4	100.0
0°-180°	4895.4	100.0

Coefficient of Utilization



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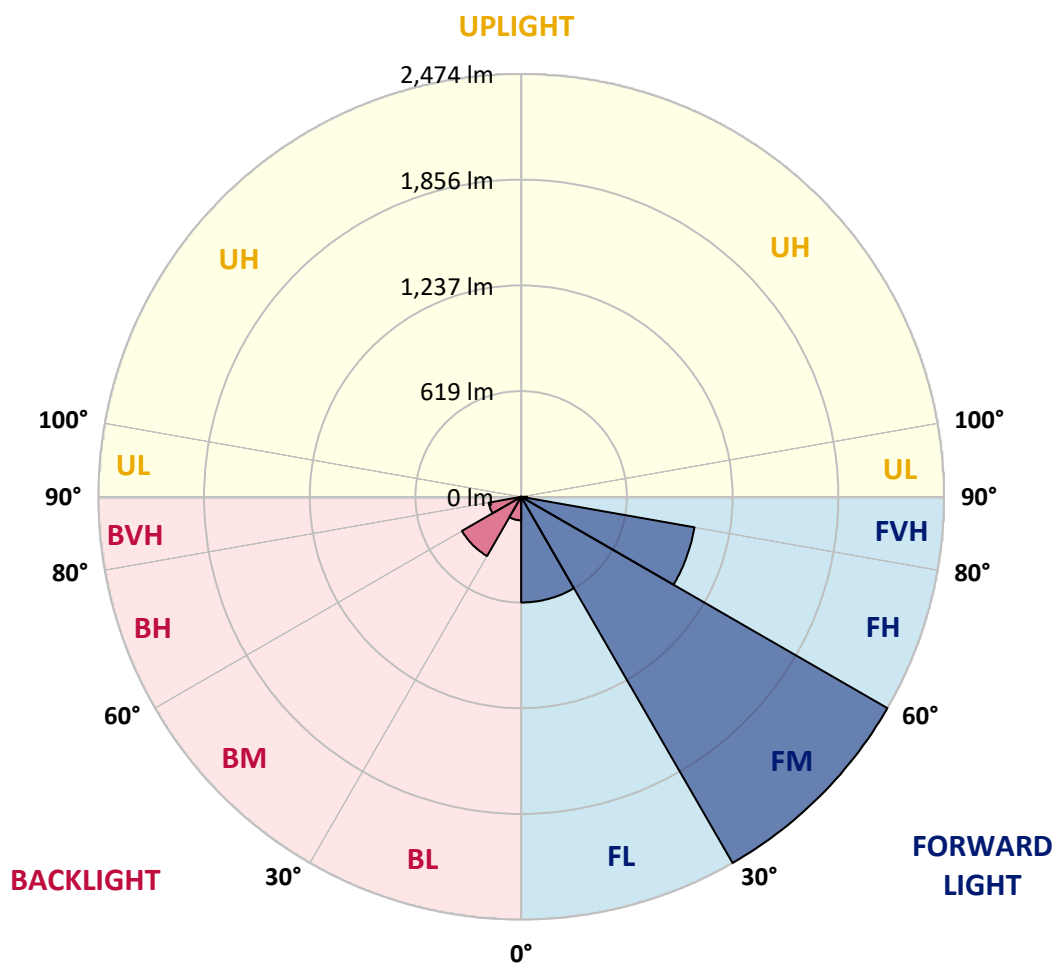
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	618.2	12.6			
FM	(30°-60°)	2474.3	50.5			
FH	(60°-80°)	1030.0	21.0			G1/1800
FVH	(80°-90°)	34.9	0.7			G1/100
BL	(0°-30°)	137.7	2.8	B1/500		
BM	(30°-60°)	399.4	8.2	B1/1000		
BH	(60°-80°)	193.2	3.9	B1/500		G1/500
BVH	(80°-90°)	7.7	0.2			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°	75°	76°	85°
0°	712.1	712.1	712.1	712.1	712.1	712.1	712.1	712.1	712.1	712.1	712.1
2.5°	868.2	864.9	861.6	854.9	843.9	821.0	799.3	779.7	754.4	749.1	727.5
5°	1023.0	1025.3	1009.3	998.3	969.4	931.4	891.2	842.6	789.7	785.7	739.1
7.5°	1192.3	1192.7	1171.0	1148.7	1105.8	1045.3	976.7	906.8	830.3	821.3	750.1
10°	1367.0	1352.7	1341.8	1308.8	1248.2	1162.7	1074.9	975.0	871.2	858.2	763.7
12.5°	1488.2	1483.2	1465.2	1427.6	1374.0	1288.5	1177.4	1044.3	914.8	897.5	780.0
15°	1629.6	1613.6	1585.3	1544.1	1485.5	1397.0	1275.5	1123.5	959.4	941.8	799.3
17.5°	1775.0	1758.7	1745.4	1702.8	1631.9	1509.8	1375.7	1210.6	1012.6	989.3	821.6
20°	1831.3	1824.6	1830.6	1824.6	1787.7	1700.5	1532.4	1311.5	1080.2	1052.9	856.2
22.5°	1761.4	1757.1	1780.0	1809.0	1830.6	1824.9	1725.4	1514.8	1214.6	1178.4	923.8
25°	1746.7	1746.4	1759.1	1775.4	1777.4	1794.0	1799.3	1681.9	1376.7	1335.1	1031.3
27.5°	1803.7	1791.3	1798.3	1821.6	1824.9	1826.9	1797.3	1741.8	1529.1	1492.5	1152.4
30°	1887.2	1874.2	1867.5	1877.2	1885.2	1905.5	1896.5	1819.3	1682.5	1658.6	1347.4
32.5°	2019.0	2004.3	1979.4	1962.4	1947.7	1989.3	2017.0	1983.7	1858.2	1831.9	1544.8
35°	2133.8	2127.8	2113.8	2078.5	2044.6	2078.2	2166.0	2169.4	1931.1	1890.5	1517.5
37.5°	2247.9	2237.3	2233.3	2207.6	2164.7	2153.1	2226.6	2168.4	1869.2	1823.6	1428.6
40°	2302.2	2292.8	2323.4	2323.4	2268.2	2226.3	2257.9	2203.3	1990.3	1957.1	1559.7
42.5°	2289.2	2282.2	2321.8	2336.8	2335.4	2314.8	2352.1	2356.4	2190.3	2154.1	1761.4
45°	2154.7	2127.4	2176.0	2284.5	2338.4	2373.0	2471.2	2542.1	2417.6	2377.0	1973.0
47.5°	1964.0	1939.8	2014.6	2169.7	2287.5	2399.7	2564.4	2718.5	2642.9	2603.3	2203.3
50°	1646.6	1664.2	1794.7	1989.3	2184.7	2388.3	2635.6	2883.5	2888.8	2847.9	2443.2
52.5°	1306.5	1323.1	1533.8	1761.7	2038.3	2301.2	2664.9	3057.9	3135.1	3097.8	2672.9
55°	982.4	1008.3	1186.7	1475.9	1798.3	2161.4	2637.6	3192.7	3378.4	3357.4	2881.5
57.5°	750.4	769.4	891.5	1158.7	1489.8	1963.7	2544.4	3275.5	3595.3	3574.4	3021.9
60°	575.0	585.0	690.8	849.6	1197.7	1693.8	2381.7	3269.5	3744.4	3729.4	3071.9
62°	484.9	485.2	571.7	667.2	974.0	1441.9	2191.7	3187.0	3790.3	3784.3	3035.9
62.5°	463.6	476.2	548.1	634.3	906.2	1377.7	2125.1	3148.7	3785.7	3780.0	3013.6
65°	368.7	378.4	431.9	484.5	688.5	1010.6	1767.0	2895.5	3643.2	3643.2	2853.2
67.5°	299.8	301.5	341.4	372.4	501.5	686.2	1309.1	2521.5	3286.2	3306.1	2572.7
70°	228.6	233.3	254.6	282.9	362.4	487.2	883.5	1998.3	2761.0	2732.4	2140.4
72.5°	181.0	181.0	192.0	204.0	253.9	344.1	605.3	1448.9	2047.9	2028.3	1572.7
75°	148.4	149.4	151.7	150.4	173.7	235.6	396.3	896.8	1311.1	1306.8	954.4
77.5°	111.5	112.8	120.5	118.5	117.8	145.4	250.6	486.2	744.4	743.1	500.2
80°	84.5	84.5	87.5	86.5	82.9	91.2	151.7	263.9	379.0	382.0	266.6
82.5°	60.2	60.2	64.2	63.2	59.2	62.6	86.5	145.4	202.7	197.7	152.4
85°	33.9	34.9	35.9	38.6	37.6	39.3	50.9	72.2	99.8	104.5	84.9
87.5°	16.6	18.3	18.6	20.3	19.6	20.3	23.6	31.9	29.6	29.6	22.0
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	712.1	712.1	712.1	712.1	712.1	712.1	712.1	712.1	712.1	712.1	712.1
2.5°	713.5	698.5	674.9	648.9	626.0	609.3	587.0	572.7	562.7	560.4	574.0
5°	712.8	685.9	635.6	589.7	547.4	513.8	482.5	458.6	443.3	433.9	442.3
7.5°	710.5	673.9	598.3	531.4	472.9	427.6	389.7	366.7	348.8	343.1	340.1
10°	713.8	662.2	564.4	476.9	410.0	353.4	320.1	299.8	288.9	279.9	281.9
12.5°	715.8	651.2	531.8	431.9	353.1	302.5	273.2	258.6	250.6	246.6	244.3
15°	718.1	642.9	499.8	384.4	305.5	264.9	241.6	230.3	223.0	221.6	219.3
17.5°	729.1	637.9	472.2	345.1	268.9	233.9	217.3	208.7	203.7	202.7	201.7
20°	747.4	641.6	449.6	312.1	241.3	212.3	198.0	191.7	189.0	188.0	187.4
22.5°	792.7	660.6	434.6	285.9	219.3	193.7	182.7	178.7	177.0	176.4	175.7
25°	878.2	722.5	442.9	268.9	203.7	177.0	169.4	167.4	165.7	165.4	165.4
27.5°	971.0	788.0	468.9	267.6	193.0	165.1	158.1	156.7	156.1	156.1	156.1
30°	1141.8	911.5	525.8	295.2	195.0	155.4	147.8	147.1	147.8	148.8	148.8
32.5°	1312.1	1061.6	603.7	321.1	199.3	147.4	138.8	138.8	140.4	142.4	142.4
35°	1301.8	1049.9	551.4	278.9	176.0	137.8	130.4	130.8	134.4	136.4	136.4
37.5°	1195.0	942.4	489.2	244.9	161.7	130.4	122.8	123.5	127.5	129.8	130.1
40°	1285.5	1007.0	511.5	249.9	156.7	125.1	116.1	117.1	120.5	122.5	122.1
42.5°	1452.6	1124.8	559.7	259.2	152.7	120.8	110.8	110.8	112.8	114.1	113.8
45°	1631.3	1258.6	618.3	267.2	148.4	117.1	106.5	104.8	105.5	105.8	105.2
47.5°	1829.3	1413.0	678.2	277.2	144.4	113.8	100.8	98.8	98.2	97.2	97.8
50°	2031.6	1553.4	736.8	283.9	140.8	109.5	95.8	92.2	90.5	89.2	88.9
52.5°	2232.6	1714.5	783.4	287.9	136.8	104.5	90.2	85.2	82.9	80.9	80.2
55°	2407.3	1838.3	828.6	289.8	132.4	99.2	83.9	77.9	73.9	71.5	71.2
57.5°	2500.5	1878.9	848.2	289.8	127.5	93.2	77.5	70.5	67.9	65.9	65.6
60°	2464.2	1778.0	819.3	285.9	120.5	86.2	70.5	65.2	63.6	64.6	64.6
62°	2334.1	1588.3	758.1	273.9	113.5	78.9	65.9	61.6	60.6	61.9	62.6
62.5°	2291.5	1535.4	727.8	269.9	111.1	77.5	64.9	60.2	59.9	61.2	60.9
65°	2003.3	1201.0	572.4	239.9	100.2	70.2	59.6	56.6	58.2	58.2	57.9
67.5°	1694.2	920.8	415.6	200.3	89.2	63.9	54.2	54.2	53.9	52.9	52.6
70°	1331.8	677.9	288.9	153.1	76.5	57.2	49.3	47.9	46.6	45.9	46.3
72.5°	915.5	477.5	191.0	114.1	61.9	47.9	42.6	40.6	38.9	37.9	37.6
75°	545.1	291.8	127.1	76.5	47.3	40.3	34.9	32.6	31.6	29.9	29.9
77.5°	298.8	176.0	74.2	52.6	37.3	33.3	28.6	25.3	25.6	24.3	24.3
80°	159.1	92.2	45.9	35.6	28.3	27.3	23.6	21.0	20.3	17.3	16.6
82.5°	94.5	51.9	29.0	24.3	20.6	21.0	18.6	16.3	14.3	6.0	4.7
85°	53.9	25.6	13.6	12.0	10.3	12.3	11.0	8.3	5.3	1.0	1.3
87.5°	16.3	5.3	3.7	3.7	3.3	3.0	2.3	1.7	1.3	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: SP2-2501-321-2

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-722-U-T4W

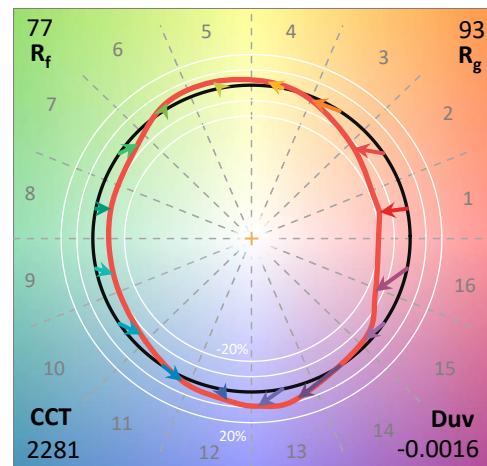
Data in this report applies to families of products including GKO-PB1E-722-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-2
 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-722-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2281	CRI (Ra):	70.6		
CIE u':	0.2851	R1:	68.4	R9:	-35.1
CIE v':	0.5324	R2:	88.7	R10:	78.0
Duv:	-0.0016	R3:	85.7	R11:	60.2
CIE x:	0.4942	R4:	63.2	R12:	73.8
CIE y:	0.4102	R5:	69.0	R13:	72.8
CIE z:	0.0956	R6:	88.6	R14:	92.4
Peak Wavelength (nm):	602	R7:	68.8	R15:	58.4
Dominant Wavelength (nm):	587	R8:	32.6		
Purity:	71.48321				
Rf:	76.9				
Rg:	92.6				



Test Conditions

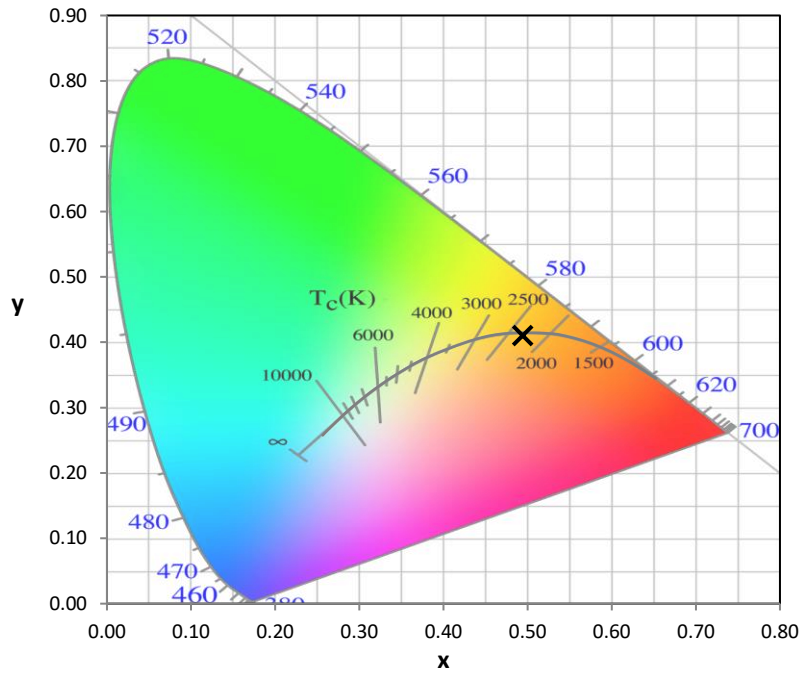
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

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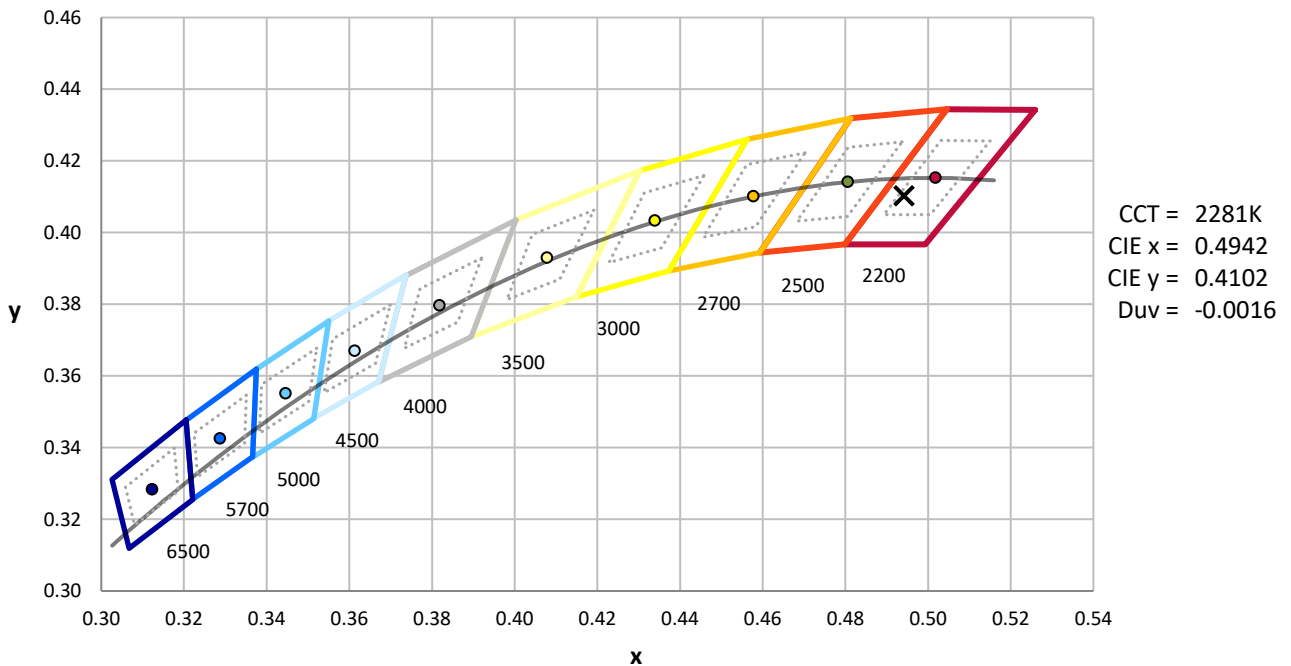
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



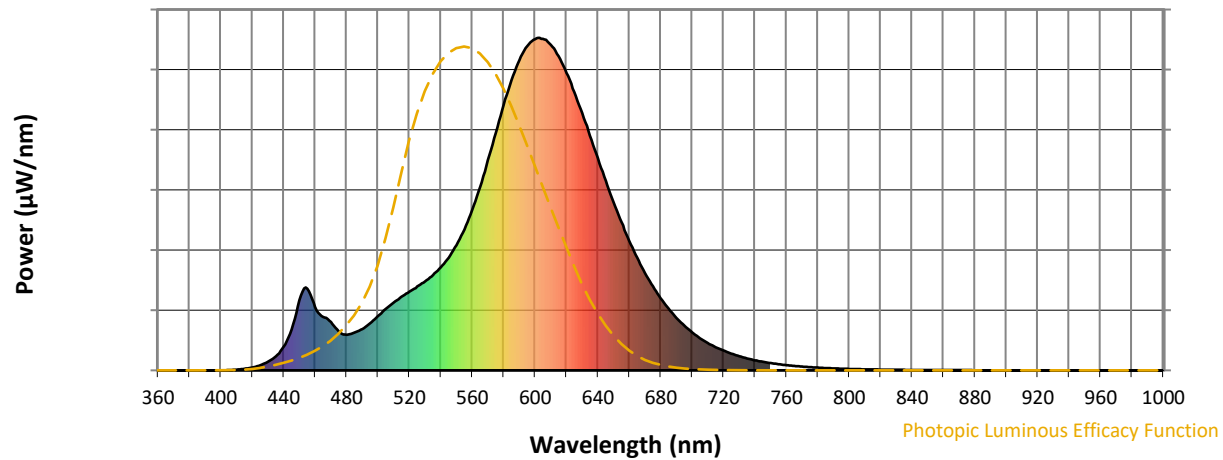
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 4-step quadrangle

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Photopic Flux vs. Wavelength

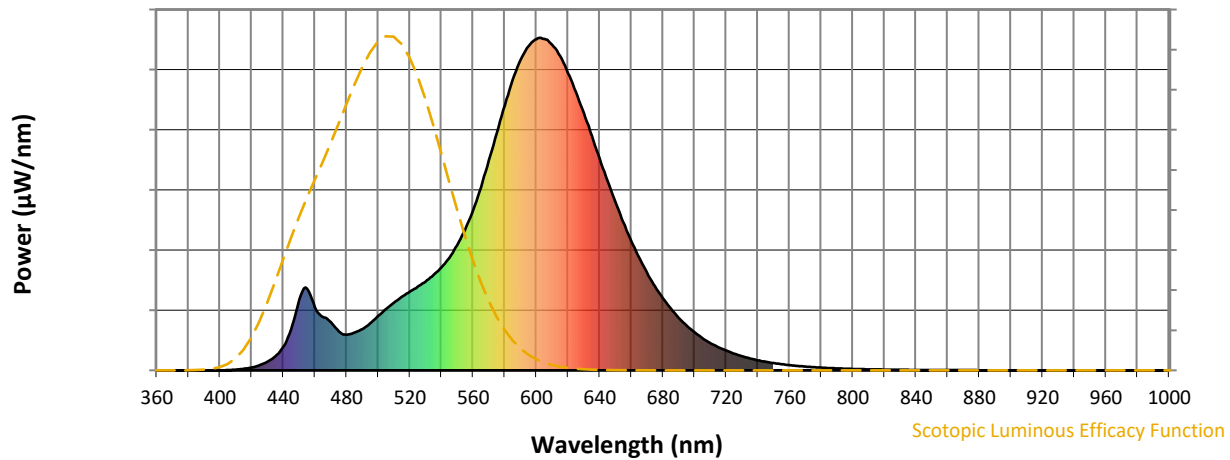


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



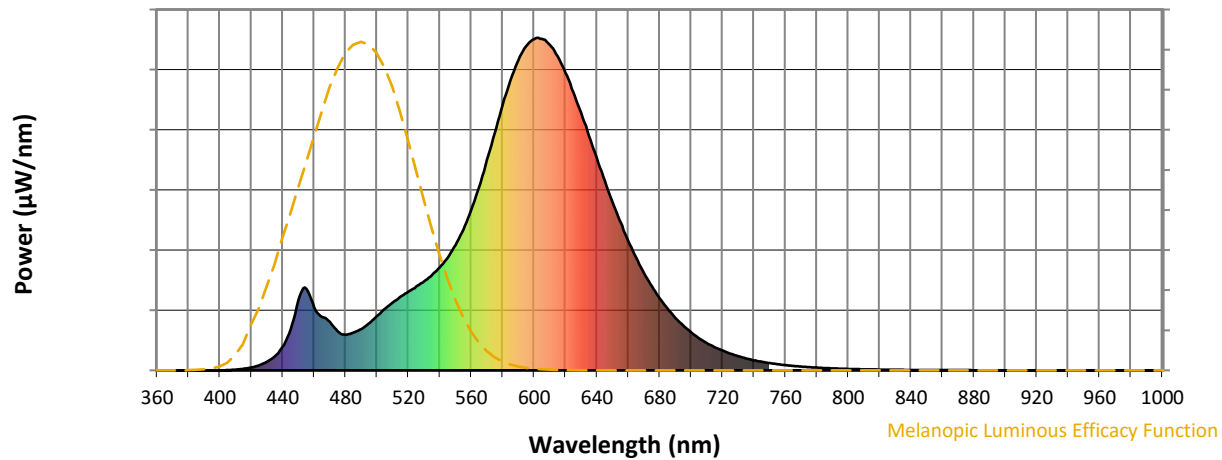
Scotopic Lumens: NR

S/P: 0.98

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.75

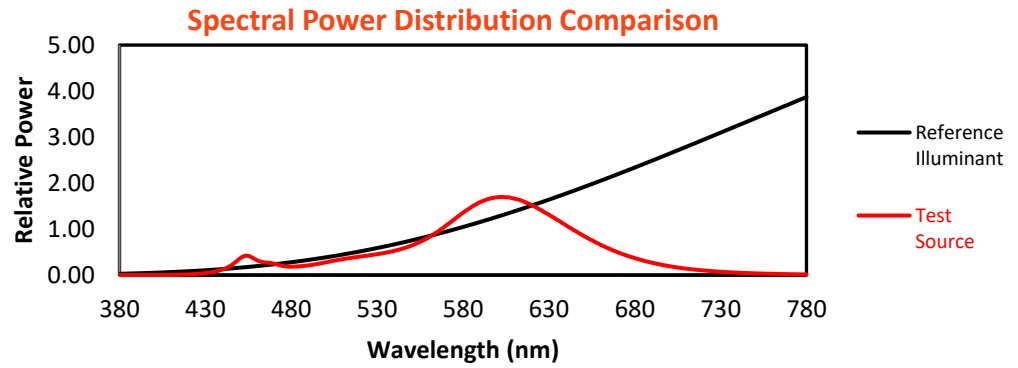
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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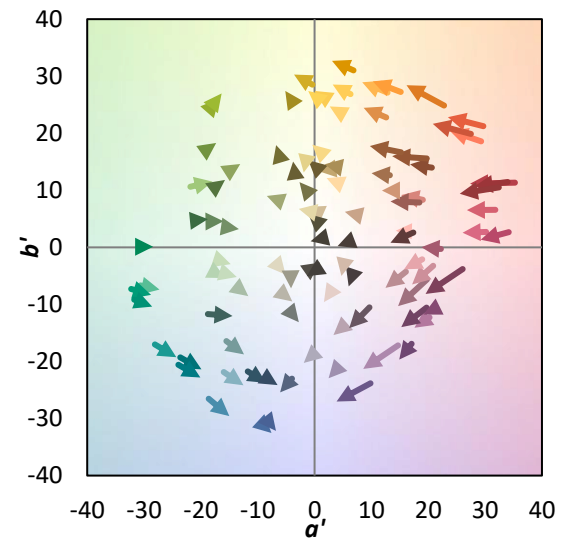
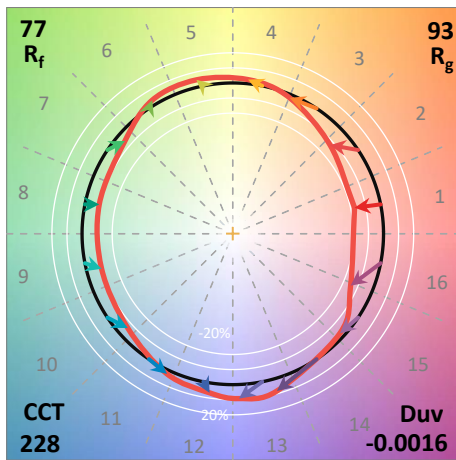
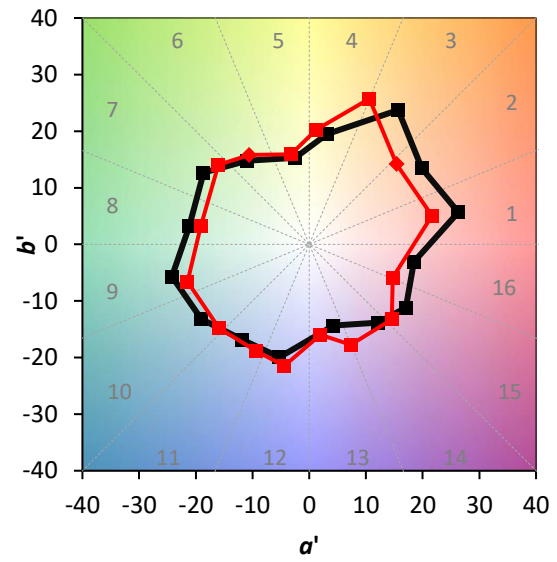
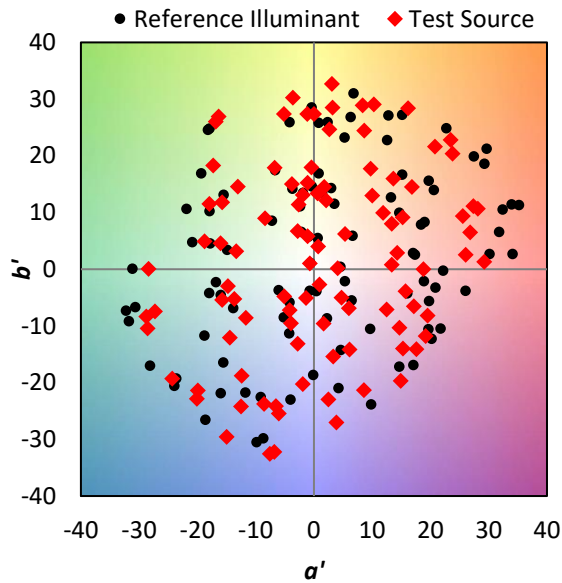
TM-30-18

Summary

$R_f = 76.9$
 $R_g = 92.6$
 $CIE R_a = 70.6$
 $R_g = -35.1$

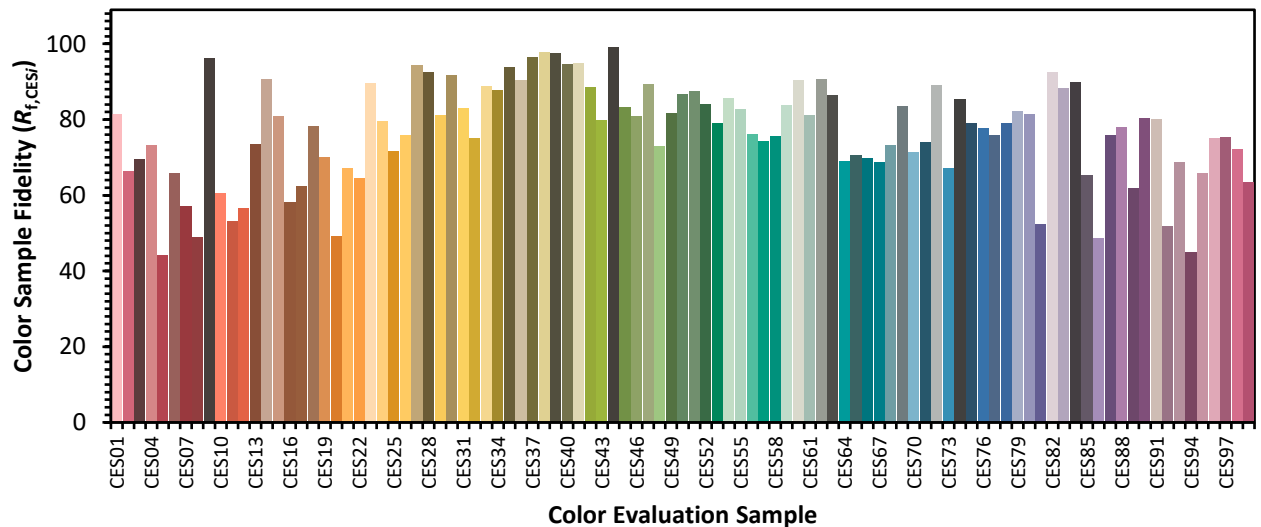


Color Vector Graphics

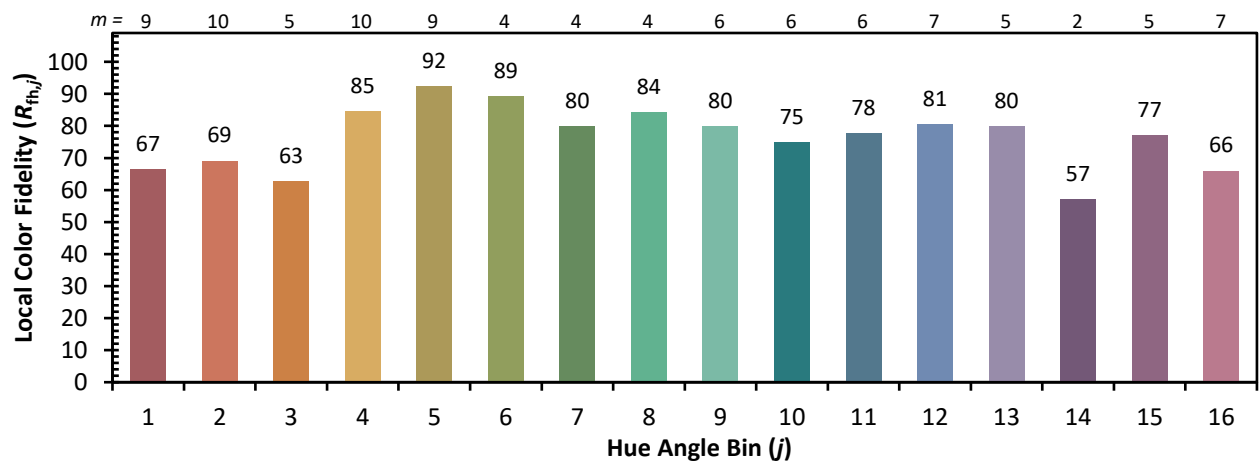
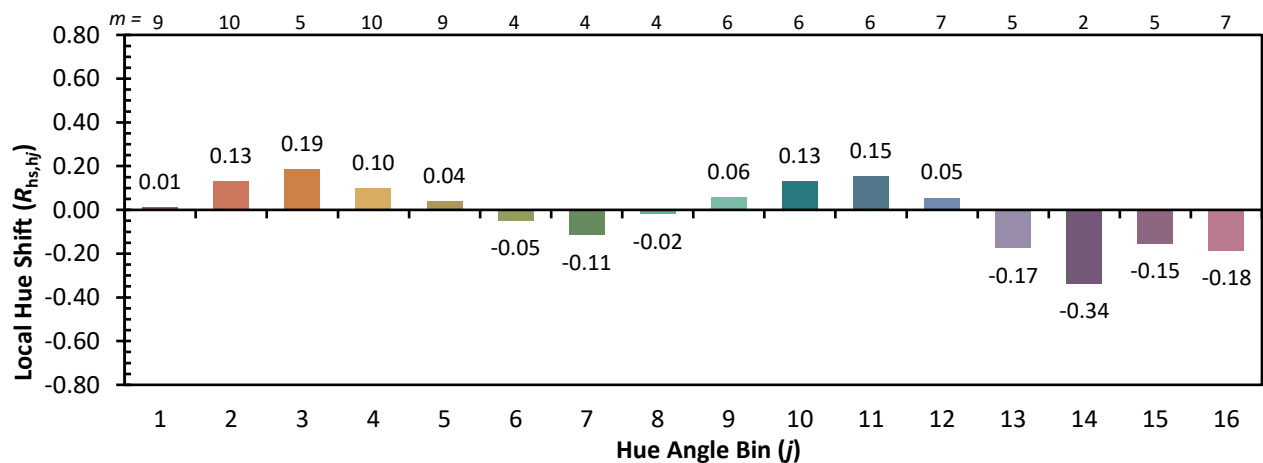
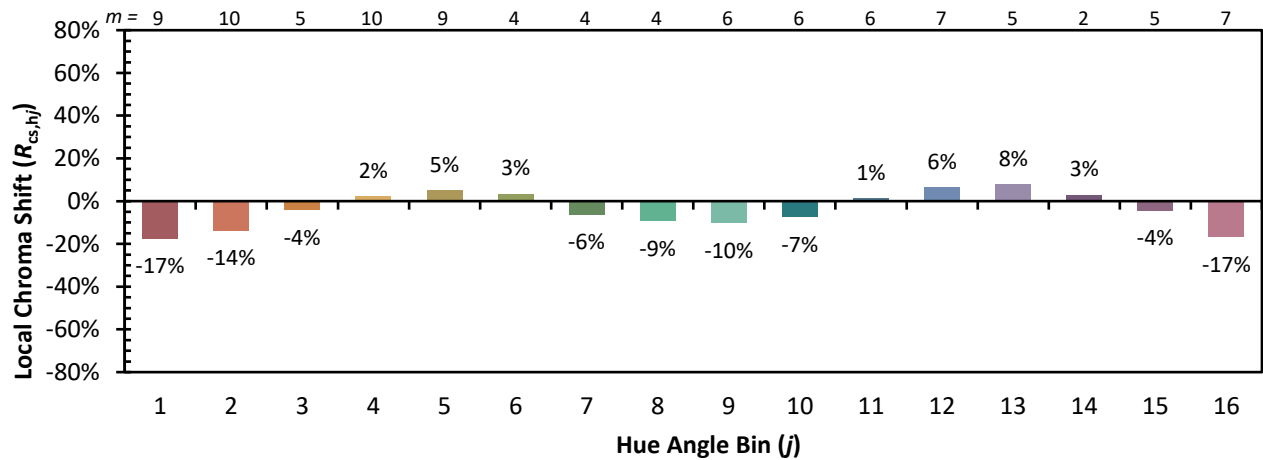


Individual Sample Fidelity Index ($R_{f,i}$)

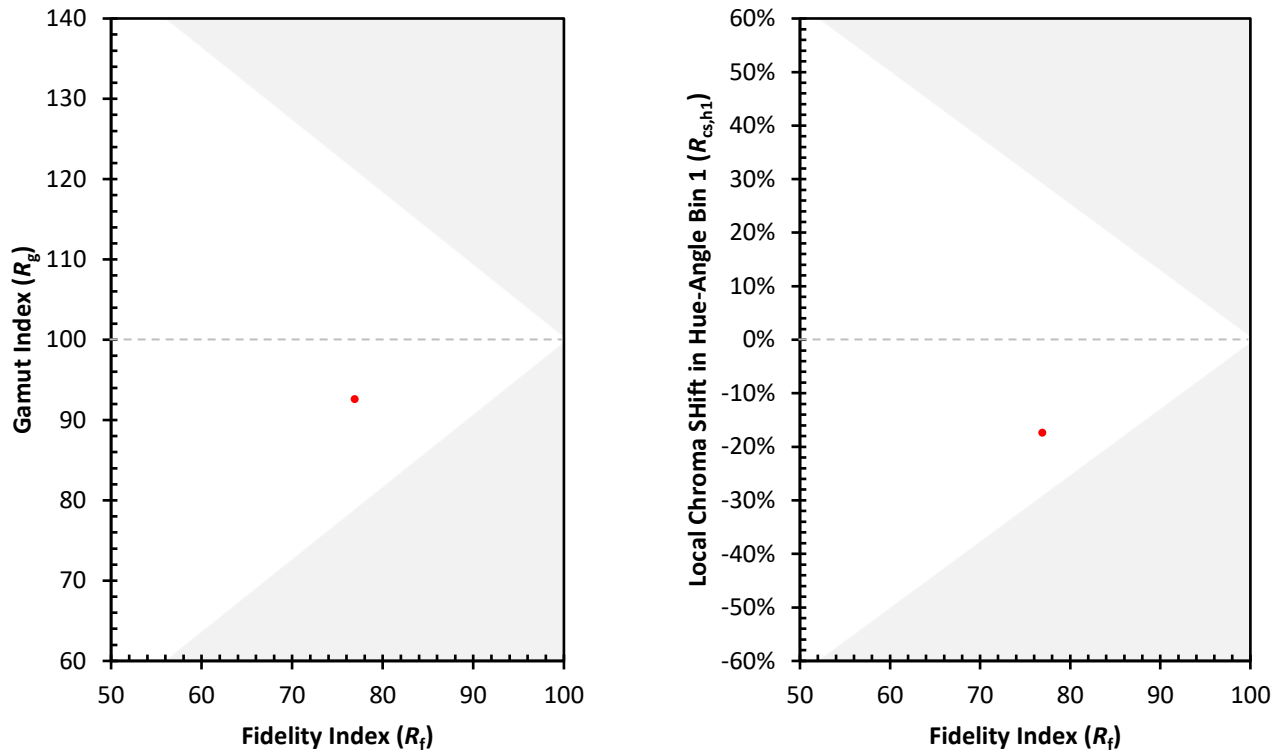
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 92
CES08 = 42	CES33 = 89	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 88	CES59 = 84	CES84 = 90
CES10 = 79	CES35 = 94	CES60 = 91	CES85 = 65
CES11 = 62	CES36 = 90	CES61 = 81	CES86 = 49
CES12 = 68	CES37 = 96	CES62 = 91	CES87 = 76
CES13 = 44	CES38 = 98	CES63 = 86	CES88 = 78
CES14 = 75	CES39 = 98	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 95	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 95	CES66 = 70	CES91 = 80
CES17 = 51	CES42 = 89	CES67 = 69	CES92 = 52
CES18 = 57	CES43 = 80	CES68 = 73	CES93 = 69
CES19 = 74	CES44 = 99	CES69 = 84	CES94 = 45
CES20 = 68	CES45 = 83	CES70 = 71	CES95 = 66
CES21 = 88	CES46 = 81	CES71 = 74	CES96 = 75
CES22 = 81	CES47 = 89	CES72 = 89	CES97 = 75
CES23 = 92	CES48 = 73	CES73 = 67	CES98 = 72
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 64
CES25 = 73	CES50 = 87	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)