

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: P1462008

Luminaire Tested: PRV-P-90-722-U-T4W

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1462008
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: PRV-P-90-722-U-T4W
Description: PREVAIL PETITE DISCRETE LED 2 SQUARES 90W 70CRI 2200K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (20) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9716.9 lumens
Efficiency: N/A
Efficacy: 102.8 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 94.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 6.0%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

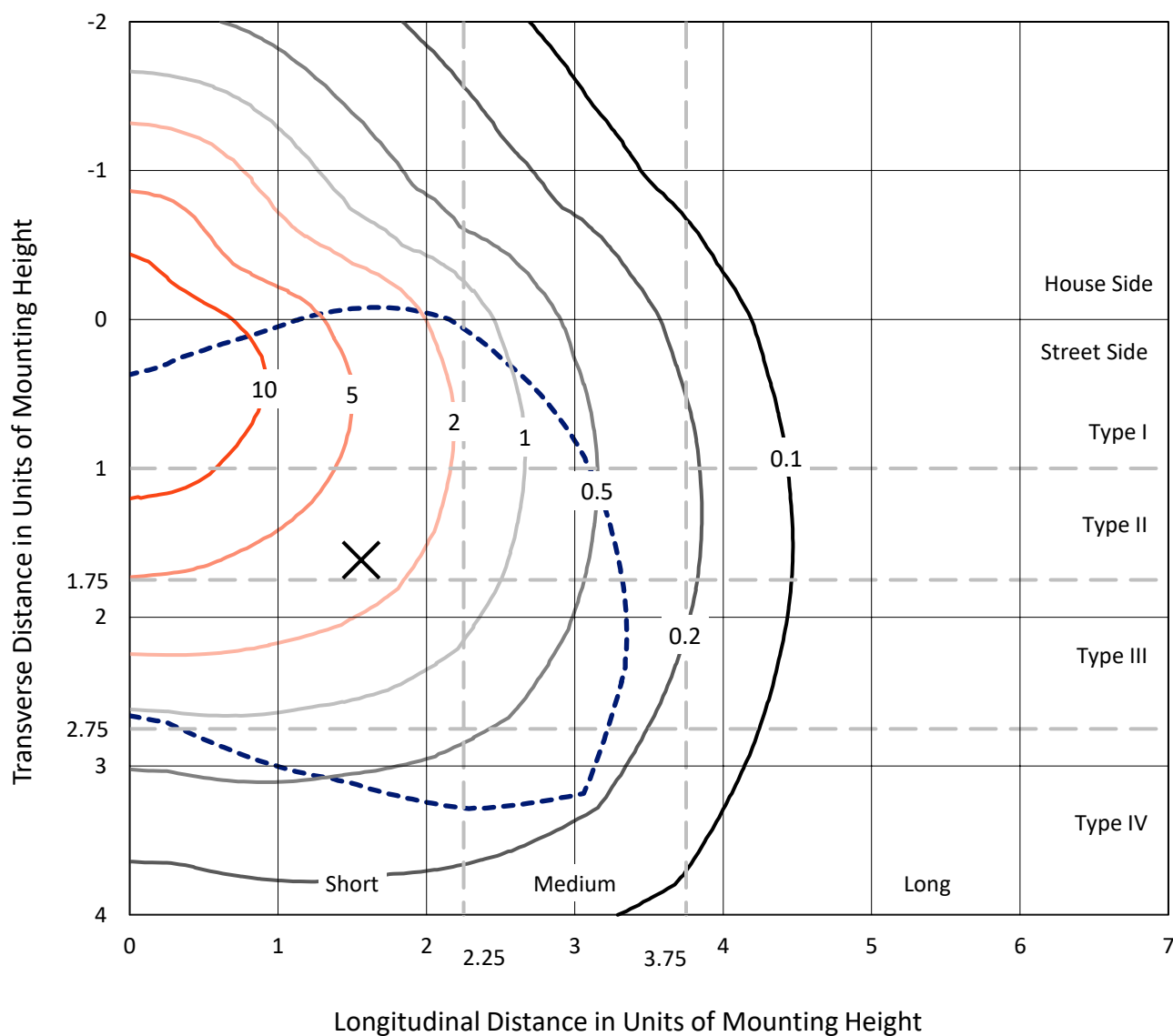
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



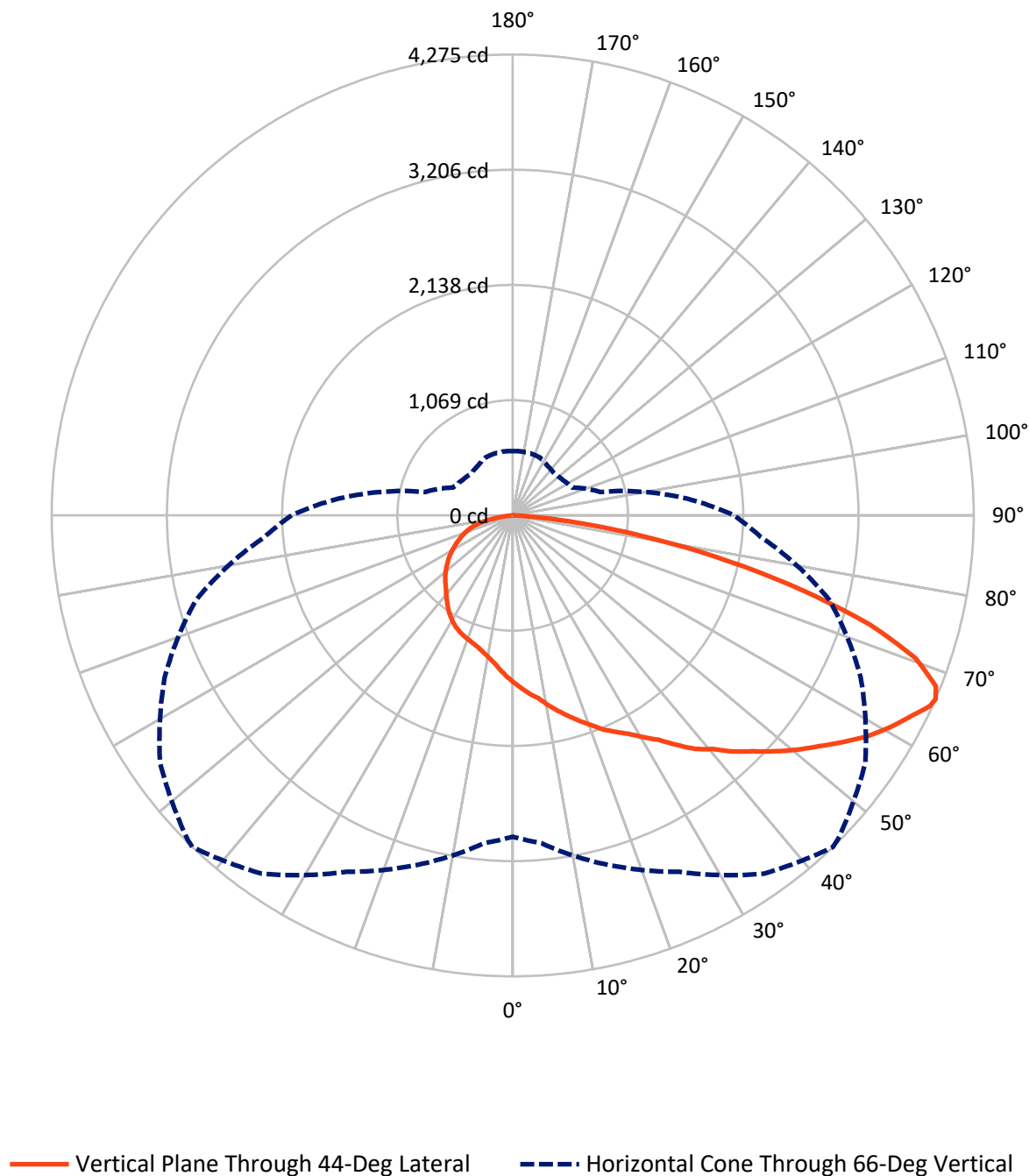
Based on 10 foot mounting height. Maximum calculated value = 18.2 fc

Type IV - Short - N/A

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Luminous Intensity Polar Plot



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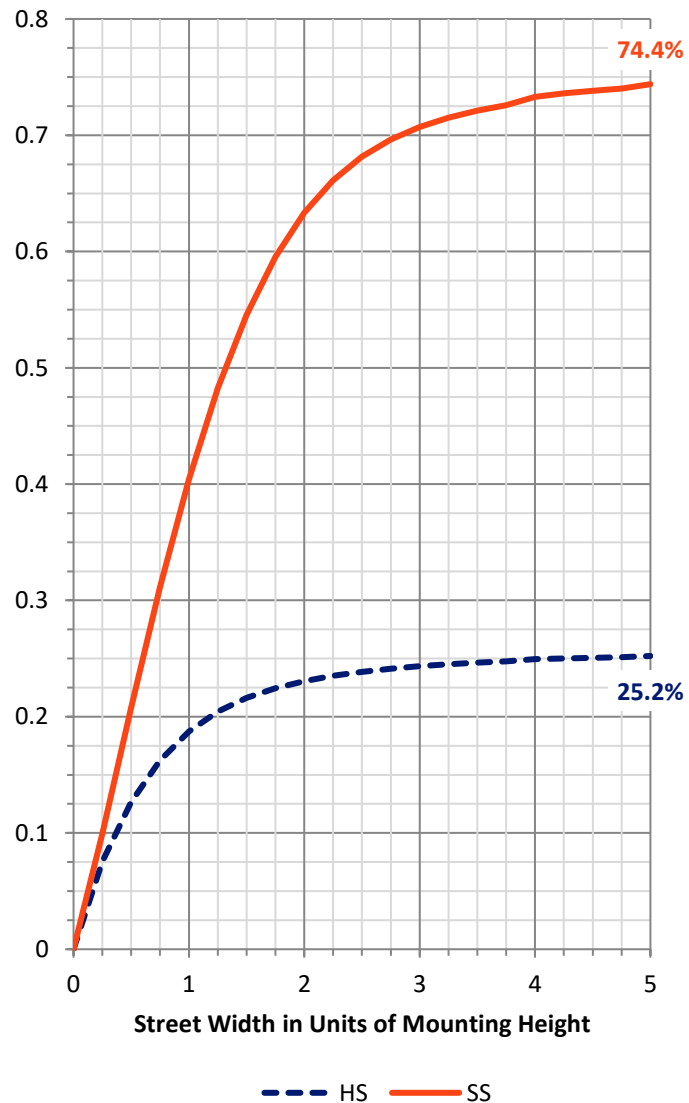
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2462.6	0.0	2462.6
	% Fixture	25.3	0.0	25.3
Street Side	Lumens	7254.3	0.0	7254.3
	% Fixture	74.7	0.0	74.7
Total	Lumens	9716.9	0.0	9716.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.3	1.5
10°-20°	456.7	4.7
20°-30°	792.6	8.2
30°-40°	1182.6	12.2
40°-50°	1617.5	16.6
50°-60°	2019.0	20.8
60°-70°	2089.2	21.5
70°-80°	1215.4	12.5
80°-90°	195.6	2.0
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°	9716.9	100.0
0°-180°	9716.9	100.0

Coefficient of Utilization



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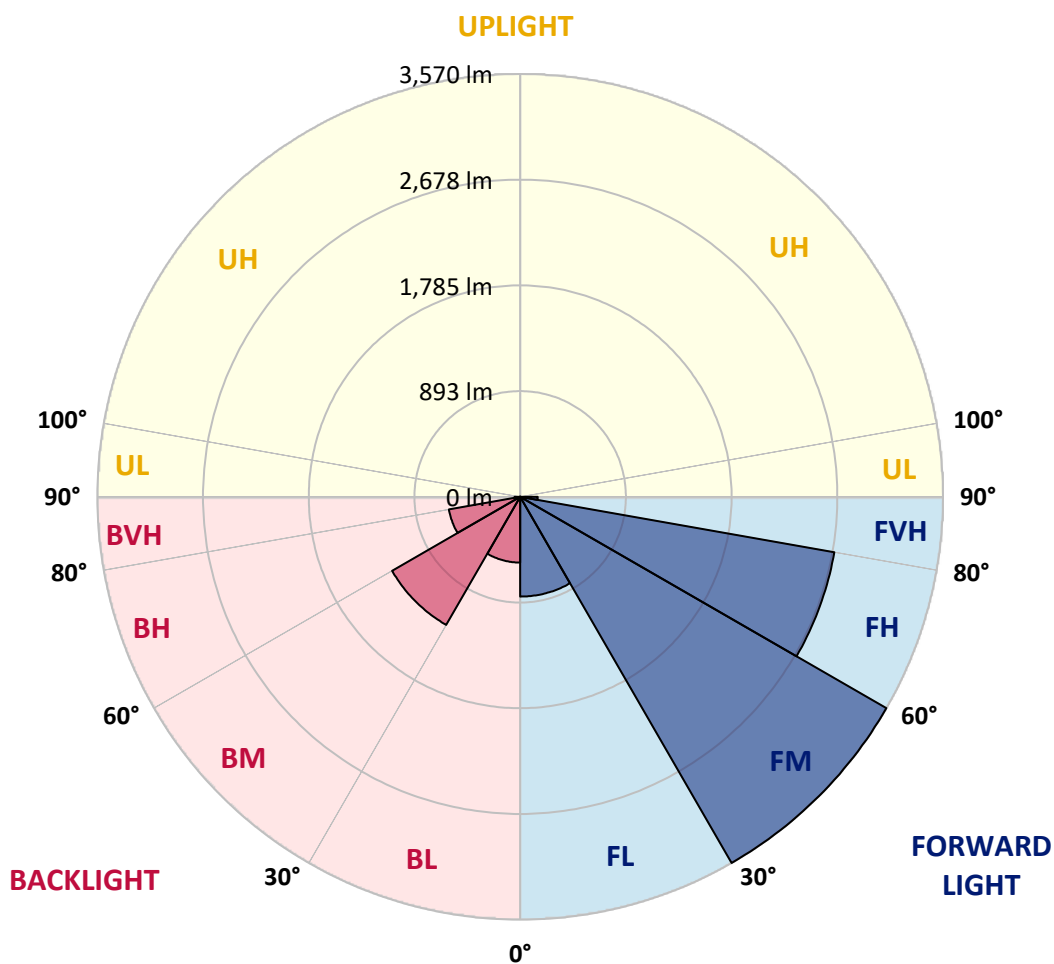
CATALOG NUMBER: PRV-P-90-722-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	842.6	8.7			
FM	(30°-60°)	3570.3	36.7			
FH	(60°-80°)	2693.7	27.7			G2/5000
FVH	(80°-90°)	147.8	1.5			G2/225
BL	(0°-30°)	555.1	5.7	B2/1000		
BM	(30°-60°)	1248.7	12.9	B2/2500		
BH	(60°-80°)	610.9	6.3	B2/1000		G2/1000
BVH	(80°-90°)	47.8	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2
2.5°	1621.8	1621.8	1624.9	1621.8	1614.0	1606.1	1606.1	1599.8	1577.8	1574.7	1557.4
5°	1694.0	1698.7	1694.0	1687.7	1681.5	1664.2	1662.6	1642.2	1609.2	1585.7	1563.7
7.5°	1761.5	1769.4	1769.4	1761.5	1739.6	1711.3	1712.9	1689.3	1642.2	1607.7	1576.3
10°	1855.7	1852.6	1857.3	1836.9	1816.5	1786.7	1774.1	1738.0	1687.7	1643.8	1592.0
12.5°	1953.1	1943.7	1945.2	1923.2	1896.6	1858.9	1844.7	1791.4	1733.3	1676.8	1612.4
15°	2014.3	2019.0	2023.7	1998.6	1982.9	1929.5	1918.5	1866.7	1783.5	1708.2	1632.8
17.5°	2078.7	2067.7	2089.7	2067.7	2055.1	2003.3	2004.9	1929.5	1832.2	1750.5	1657.9
20°	2122.6	2125.8	2135.2	2133.6	2124.2	2075.5	2075.5	2014.3	1901.3	1788.2	1678.3
22.5°	2169.7	2171.3	2185.4	2187.0	2174.4	2157.2	2154.0	2080.2	1968.8	1841.6	1706.6
25°	2251.4	2245.1	2251.4	2238.8	2240.4	2224.7	2224.7	2180.7	2052.0	1898.1	1744.3
27.5°	2362.8	2364.4	2348.7	2333.0	2314.2	2293.8	2304.8	2254.5	2141.5	1968.8	1785.1
30°	2507.3	2510.4	2491.6	2446.1	2406.8	2386.4	2377.0	2351.9	2235.7	2041.0	1833.8
32.5°	2723.9	2703.5	2667.4	2595.2	2532.4	2480.6	2483.7	2449.2	2342.4	2125.8	1880.9
35°	2885.7	2871.5	2843.3	2783.6	2711.4	2612.5	2612.5	2552.8	2442.9	2213.7	1929.5
37.5°	3037.9	3039.5	3012.8	2939.0	2884.1	2749.1	2727.1	2647.0	2537.1	2298.5	1989.2
40°	3279.7	3229.5	3169.8	3096.0	2997.1	2849.5	2840.1	2761.6	2643.9	2395.8	2048.8
42.5°	3425.7	3397.5	3336.2	3242.0	3122.7	2994.0	2976.7	2873.1	2758.5	2494.7	2124.2
45°	3625.1	3578.0	3498.0	3433.6	3242.0	3121.2	3107.0	3006.5	2884.1	2603.1	2193.3
47.5°	3774.3	3670.7	3650.2	3606.3	3381.8	3268.7	3249.9	3146.3	3016.0	2738.1	2279.6
50°	3827.7	3769.6	3791.5	3713.0	3507.4	3416.3	3410.0	3303.3	3147.8	2855.8	2358.1
52.5°	3846.5	3860.6	3884.2	3775.8	3629.8	3557.6	3551.3	3449.3	3281.3	2965.7	2430.4
55°	3953.3	3950.1	3981.5	3871.6	3783.7	3711.5	3702.1	3612.6	3402.2	3061.5	2494.7
57.5°	4050.6	4011.3	4047.4	3964.2	3926.6	3870.0	3868.5	3763.3	3518.4	3140.0	2532.4
60°	4014.5	3958.0	4020.8	3953.3	4003.5	4003.5	4017.6	3884.2	3609.4	3205.9	2551.2
62.5°	3711.5	3709.9	3855.9	3876.3	4050.6	4124.4	4108.7	3958.0	3651.8	3213.8	2521.4
65°	3201.2	3260.9	3532.5	3746.0	4069.4	4256.3	4240.6	3987.8	3603.1	3105.5	2403.7
66°	2979.9	3052.1	3351.9	3647.1	4056.9	4275.1	4259.4	3992.5	3560.8	3041.1	2311.0
67.5°	2595.2	2675.3	3059.9	3474.4	3975.2	4232.7	4239.0	3967.4	3433.6	2880.9	2172.9
70°	1981.3	2066.1	2526.1	3003.4	3651.8	3961.1	3959.5	3702.1	3119.6	2518.3	1838.5
72.5°	1433.4	1483.6	1964.1	2419.4	3110.2	3463.4	3483.8	3187.1	2628.2	2055.1	1452.2
75°	1017.4	1042.5	1408.3	1802.4	2402.1	2778.9	2755.3	2497.9	2009.6	1540.2	1102.1
77.5°	693.9	745.7	1000.1	1262.3	1720.7	2055.1	2020.6	1734.8	1425.6	1081.7	803.8
80°	433.3	463.1	613.9	780.3	1099.0	1345.5	1351.8	1141.4	899.6	737.9	590.3
82.5°	238.6	251.2	358.0	431.7	536.9	708.1	734.8	686.1	558.9	482.0	414.5
85°	65.9	65.9	111.5	127.2	171.1	237.1	237.1	248.1	218.2	172.7	133.4
87.5°	3.1	3.1	3.1	4.7	4.7	4.7	4.7	7.8	6.3	3.1	3.1
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: PRV-P-90-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2	1551.2
2.5°	1549.6	1544.9	1532.3	1521.3	1507.2	1499.3	1488.4	1478.9	1475.8	1466.4	1466.4
5°	1544.9	1537.0	1502.5	1480.5	1461.7	1439.7	1428.7	1413.0	1406.7	1395.7	1397.3
7.5°	1551.2	1535.5	1488.4	1446.0	1416.1	1383.2	1365.9	1356.5	1345.5	1336.1	1332.9
10°	1562.1	1537.0	1475.8	1417.7	1369.0	1337.6	1315.7	1300.0	1298.4	1293.7	1292.1
12.5°	1573.1	1538.6	1467.9	1395.7	1342.3	1303.1	1278.0	1265.4	1268.6	1276.4	1273.3
15°	1590.4	1548.0	1453.8	1365.9	1307.8	1268.6	1252.9	1246.6	1262.3	1268.6	1270.1
17.5°	1601.4	1552.7	1436.5	1339.2	1274.8	1243.4	1235.6	1241.9	1256.0	1274.8	1278.0
20°	1615.5	1555.9	1419.3	1310.9	1245.0	1223.0	1229.3	1245.0	1263.8	1289.0	1293.7
22.5°	1635.9	1563.7	1409.9	1278.0	1213.6	1204.2	1223.0	1249.7	1270.1	1301.5	1304.7
25°	1661.1	1577.8	1386.3	1245.0	1177.5	1180.6	1216.7	1251.3	1271.7	1301.5	1310.9
27.5°	1694.0	1593.5	1370.6	1207.3	1143.0	1157.1	1199.5	1243.4	1268.6	1298.4	1307.8
30°	1725.4	1607.7	1353.3	1168.1	1102.1	1124.1	1175.9	1221.5	1251.3	1278.0	1292.1
32.5°	1763.1	1629.7	1337.6	1135.1	1064.5	1088.0	1144.5	1201.0	1232.4	1259.1	1270.1
35°	1799.2	1651.6	1329.8	1102.1	1026.8	1048.8	1105.3	1171.2	1205.8	1223.0	1241.9
37.5°	1844.7	1684.6	1325.1	1073.9	987.5	1003.2	1067.6	1136.7	1172.8	1190.1	1207.3
40°	1902.8	1730.1	1326.6	1045.6	946.7	959.3	1028.3	1103.7	1144.5	1152.4	1168.1
42.5°	1959.4	1771.0	1329.8	1018.9	910.6	916.9	989.1	1066.0	1100.6	1106.8	1122.5
45°	2022.2	1827.5	1329.8	986.0	872.9	882.3	951.4	1025.2	1064.5	1067.6	1080.2
47.5°	2091.2	1882.4	1323.5	951.4	836.8	846.2	913.7	978.1	1014.2	1018.9	1031.5
50°	2160.3	1926.4	1309.4	909.0	800.7	813.3	869.8	929.4	954.6	962.4	971.8
52.5°	2226.3	1965.6	1274.8	865.1	764.6	774.0	824.2	872.9	893.3	902.7	907.5
55°	2276.5	1992.3	1227.7	816.4	733.2	736.3	772.4	813.3	827.4	827.4	835.2
57.5°	2303.2	1997.0	1161.8	766.2	697.1	697.1	722.2	758.3	764.6	763.0	764.6
60°	2311.0	1970.3	1081.7	719.1	661.0	653.1	673.5	697.1	698.6	698.6	706.5
62.5°	2271.8	1896.6	986.0	673.5	624.9	607.6	623.3	646.8	651.5	651.5	653.1
65°	2139.9	1739.6	880.8	628.0	585.6	565.2	579.3	609.2	618.6	617.0	615.4
66°	2050.4	1662.6	838.4	609.2	569.9	546.4	562.1	593.5	598.2	598.2	596.6
67.5°	1898.1	1504.1	764.6	580.9	541.6	521.2	538.5	562.1	569.9	574.6	574.6
70°	1577.8	1238.7	668.8	530.7	493.0	478.8	491.4	508.7	513.4	519.7	516.5
72.5°	1245.0	970.3	582.5	480.4	449.0	431.7	438.0	453.7	466.3	471.0	464.7
75°	945.1	752.0	507.1	430.2	400.3	379.9	379.9	376.8	376.8	389.4	372.1
77.5°	709.6	595.0	441.2	365.8	334.4	312.4	299.9	303.0	282.6	266.9	254.3
80°	524.4	452.2	361.1	287.3	251.2	216.7	218.2	226.1	177.4	125.6	62.8
82.5°	372.1	328.1	259.0	196.2	149.1	130.3	130.3	136.6	98.9	36.1	0.0
85°	117.7	113.0	102.0	73.8	65.9	50.2	39.2	36.1	40.8	7.8	0.0
87.5°	3.1	3.1	3.1	3.1	1.6	1.6	1.6	1.6	0.0	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

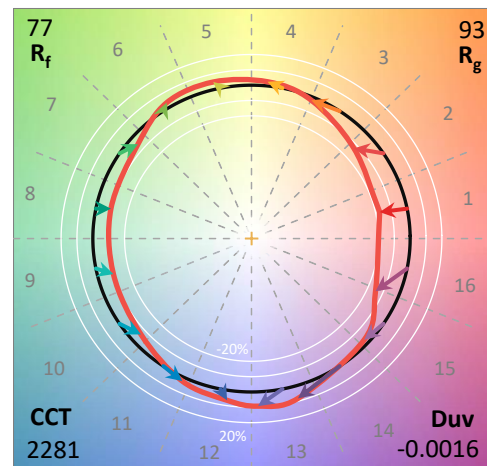
Data in this report applies to families of products including GKO-PB1E-722-U-T4W

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

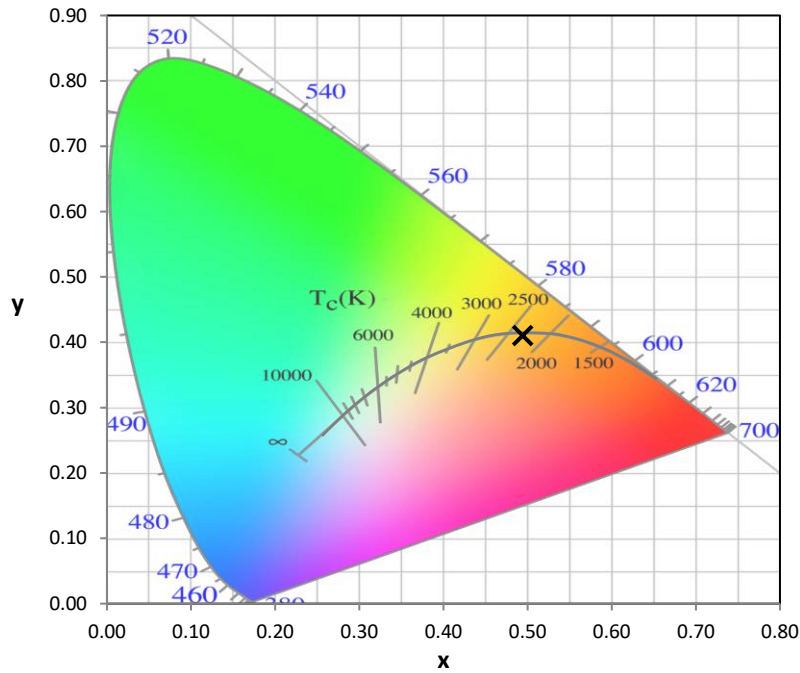
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

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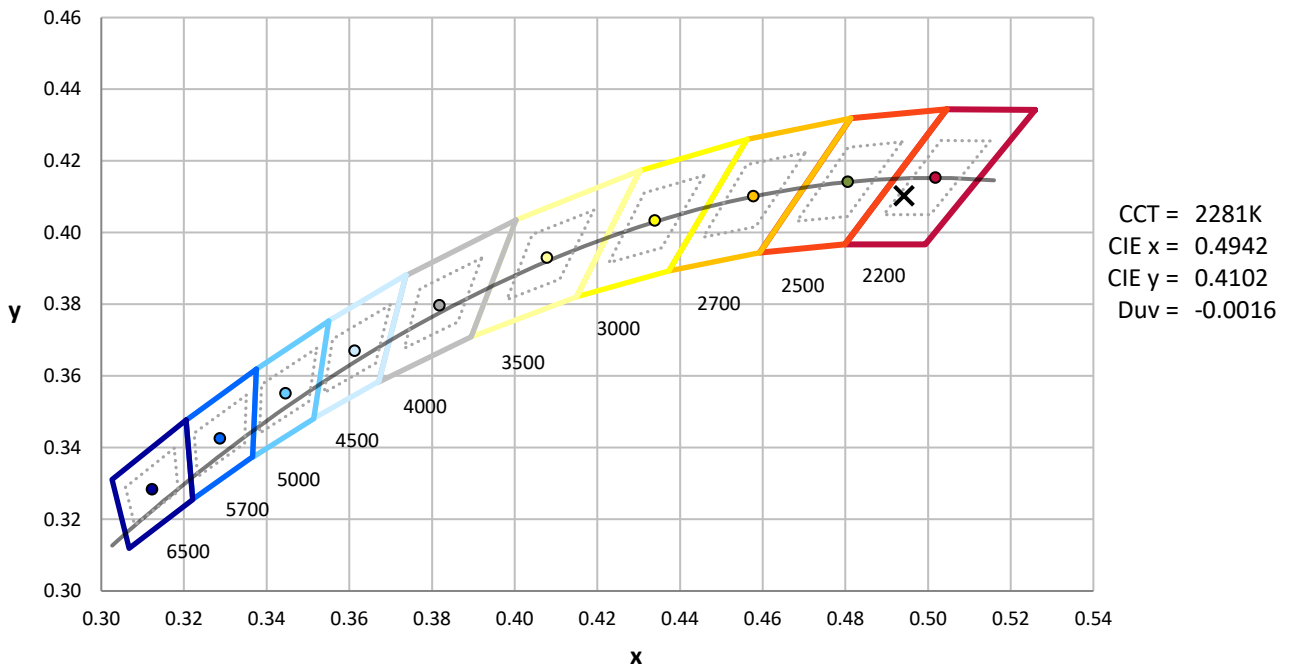
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

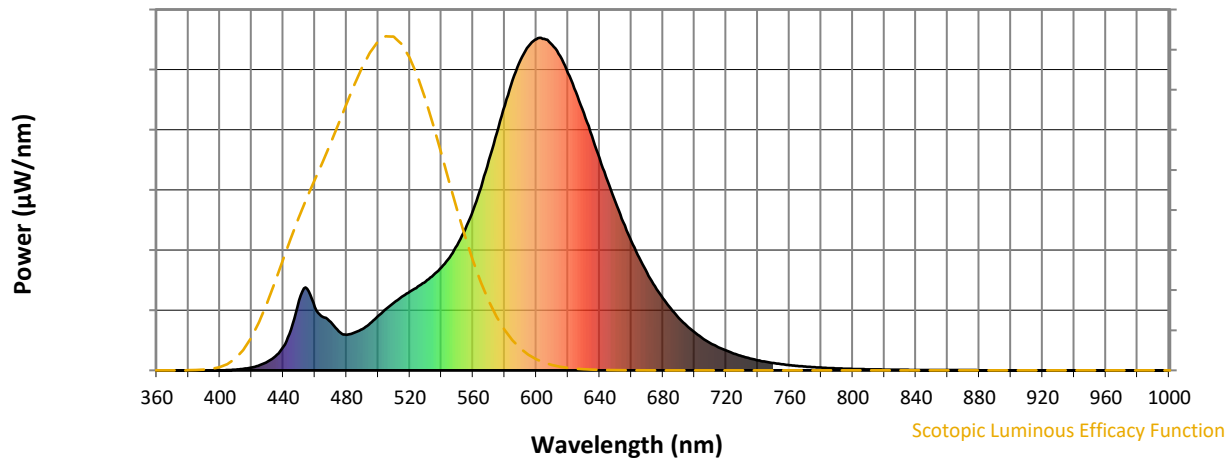


Photopic Lumens: NR

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



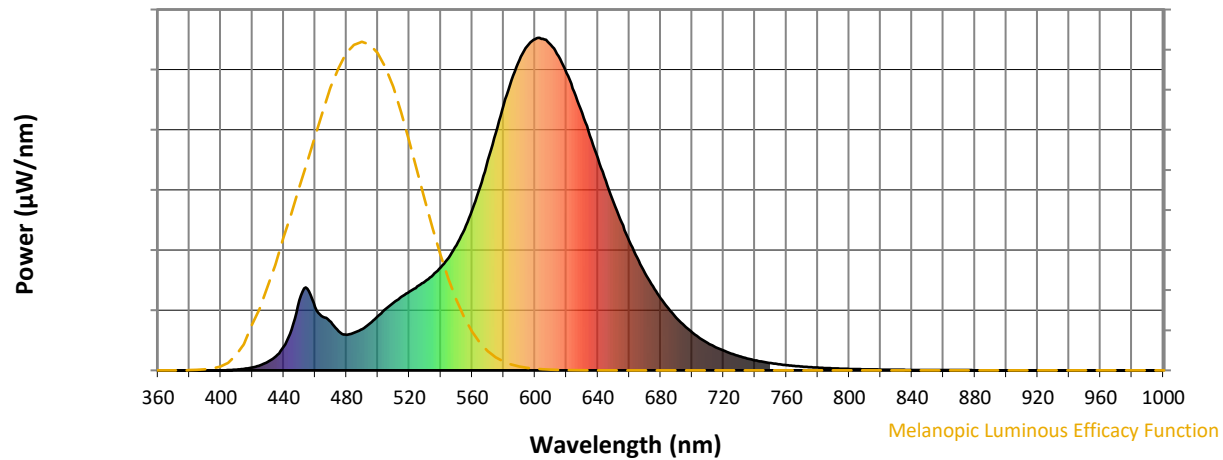
Scotopic Lumens: NR

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

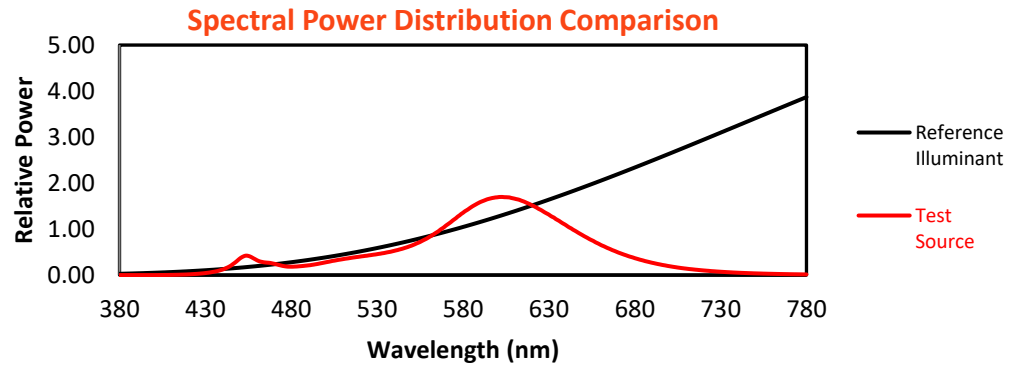
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	124	NR	620	894	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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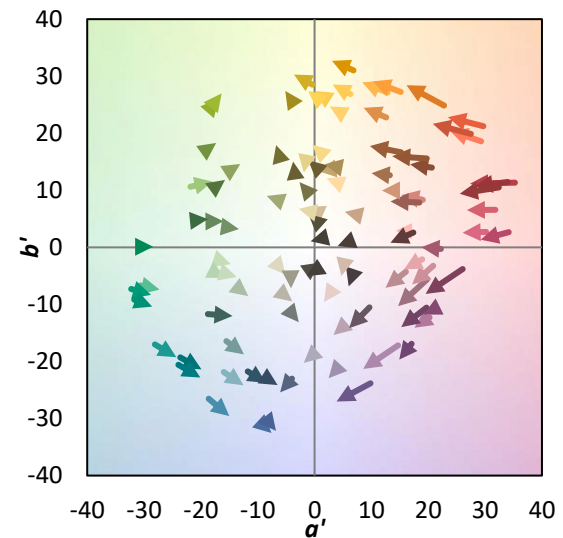
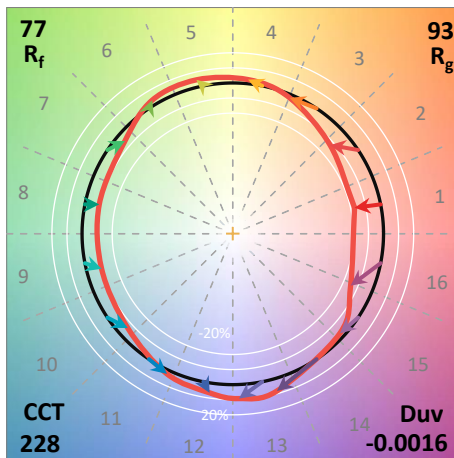
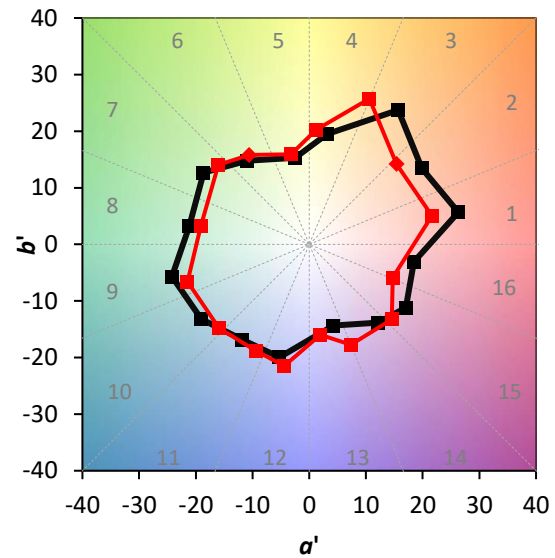
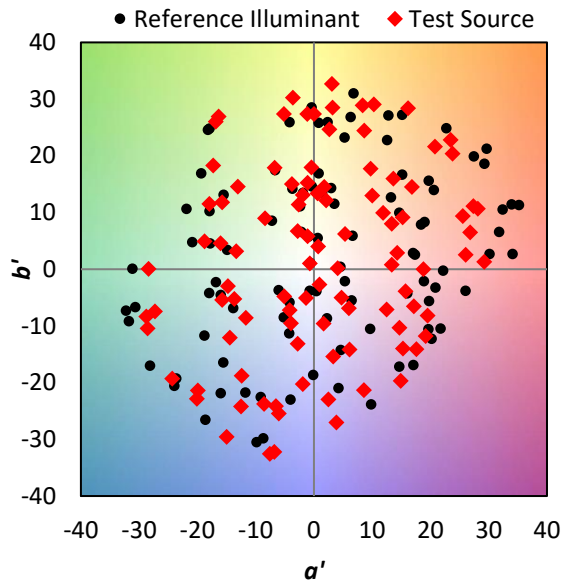
TM-30-18

Summary

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

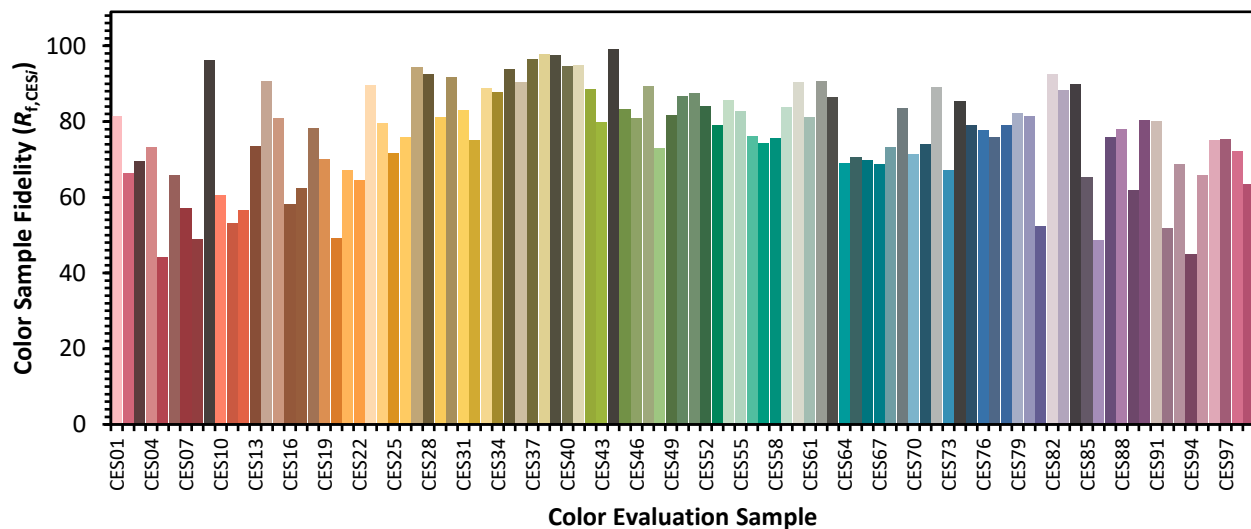


Color Vector Graphics

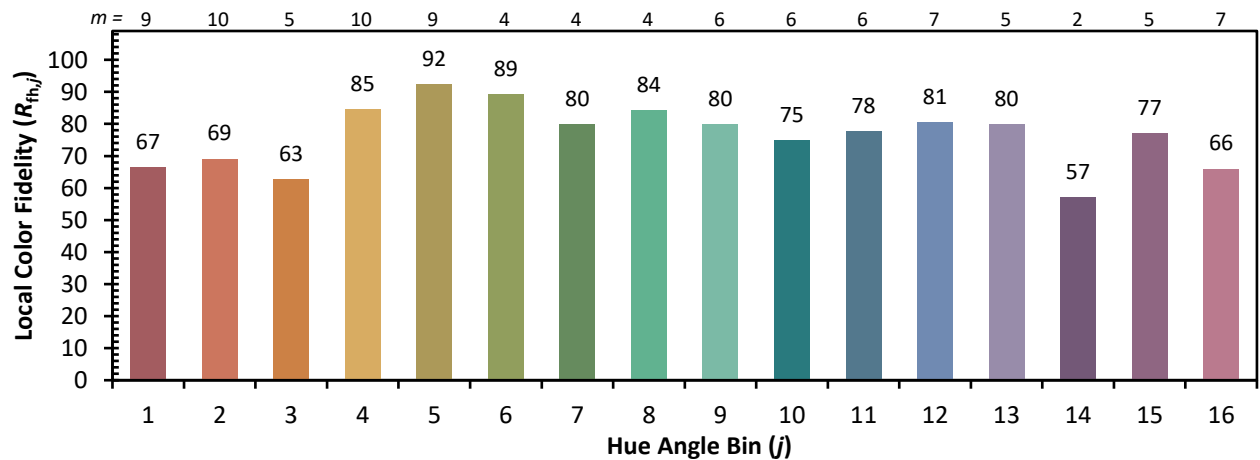
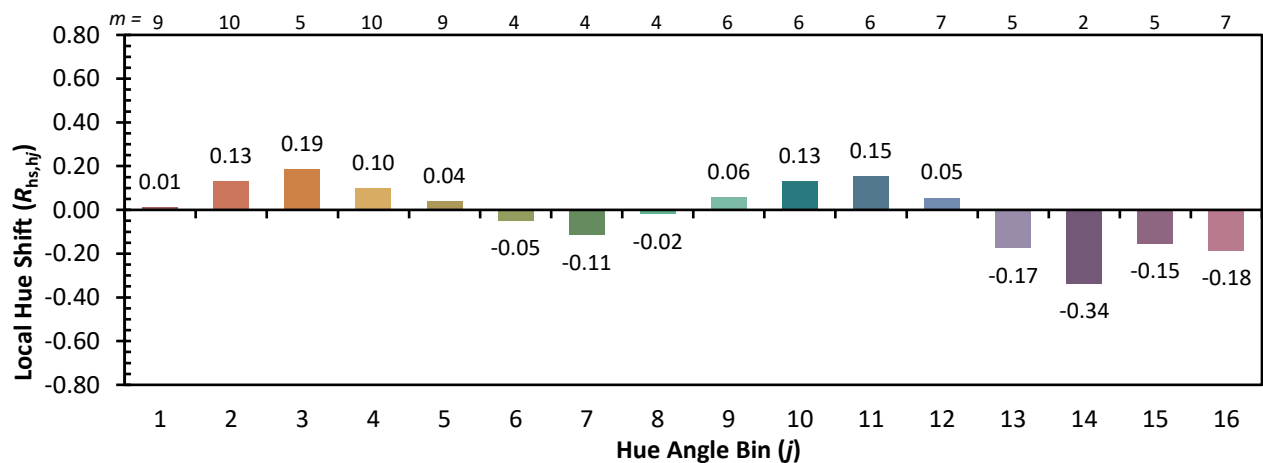
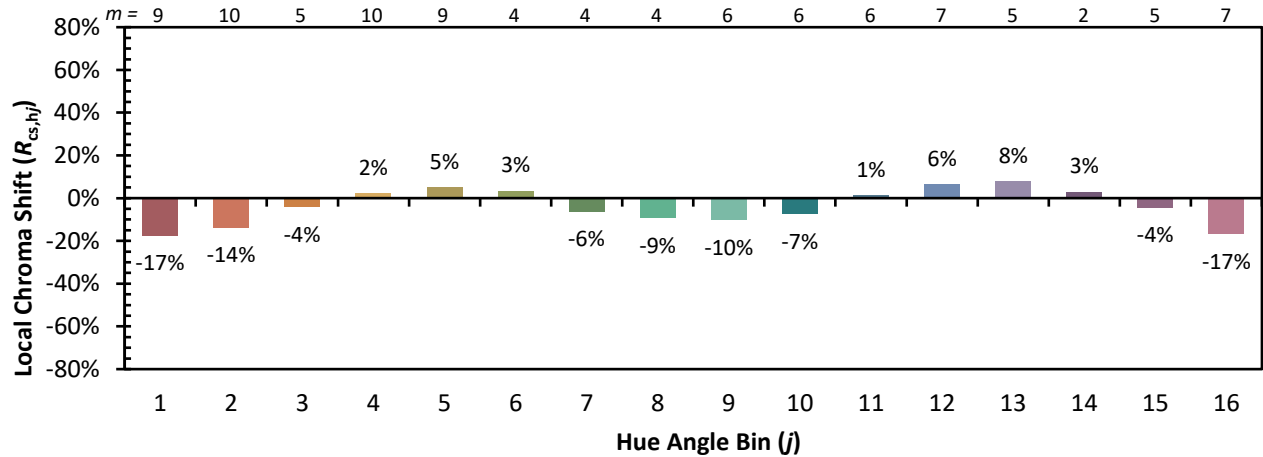


Individual Sample Fidelity Index ($R_{f,i}$)

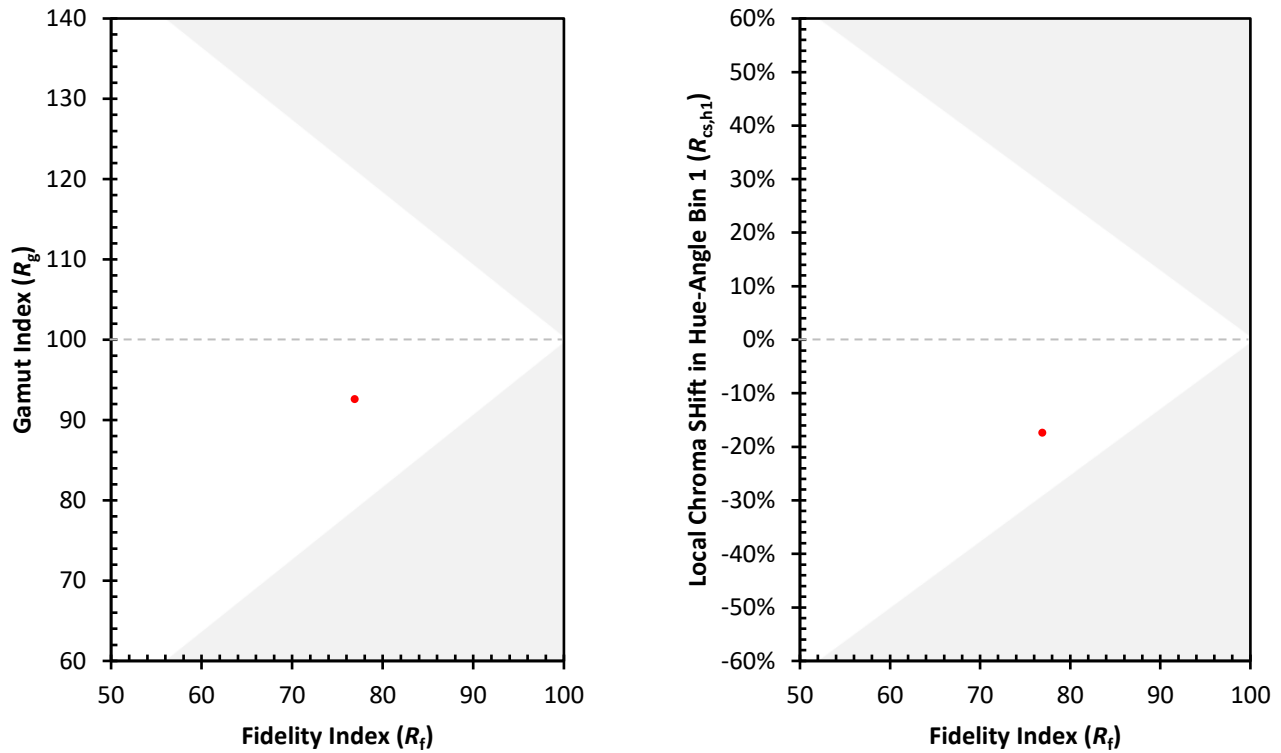
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 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)