

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: P1503131

Luminaire Tested: PRV-P-90-722-U-T4RE-HSS

Issue Date: 07/22/2026

Test Information

Test Method: LM-79-2024
Report Number: P1503131
Test Lab: INNOVATION CENTER(G3)
Issue Date: 7/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: PRV-P-90-722-U-T4RE-HSS
Description: PREVAIL PETITE DISCRETE LED 2 SQUARES 90W 70CRI 2200K FIXTURE w/ TYPE IV
ROADWAY ILLUMINANCE DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source: (20) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7182.2 lumens
Efficiency: N/A
Efficacy: 76.0 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G2

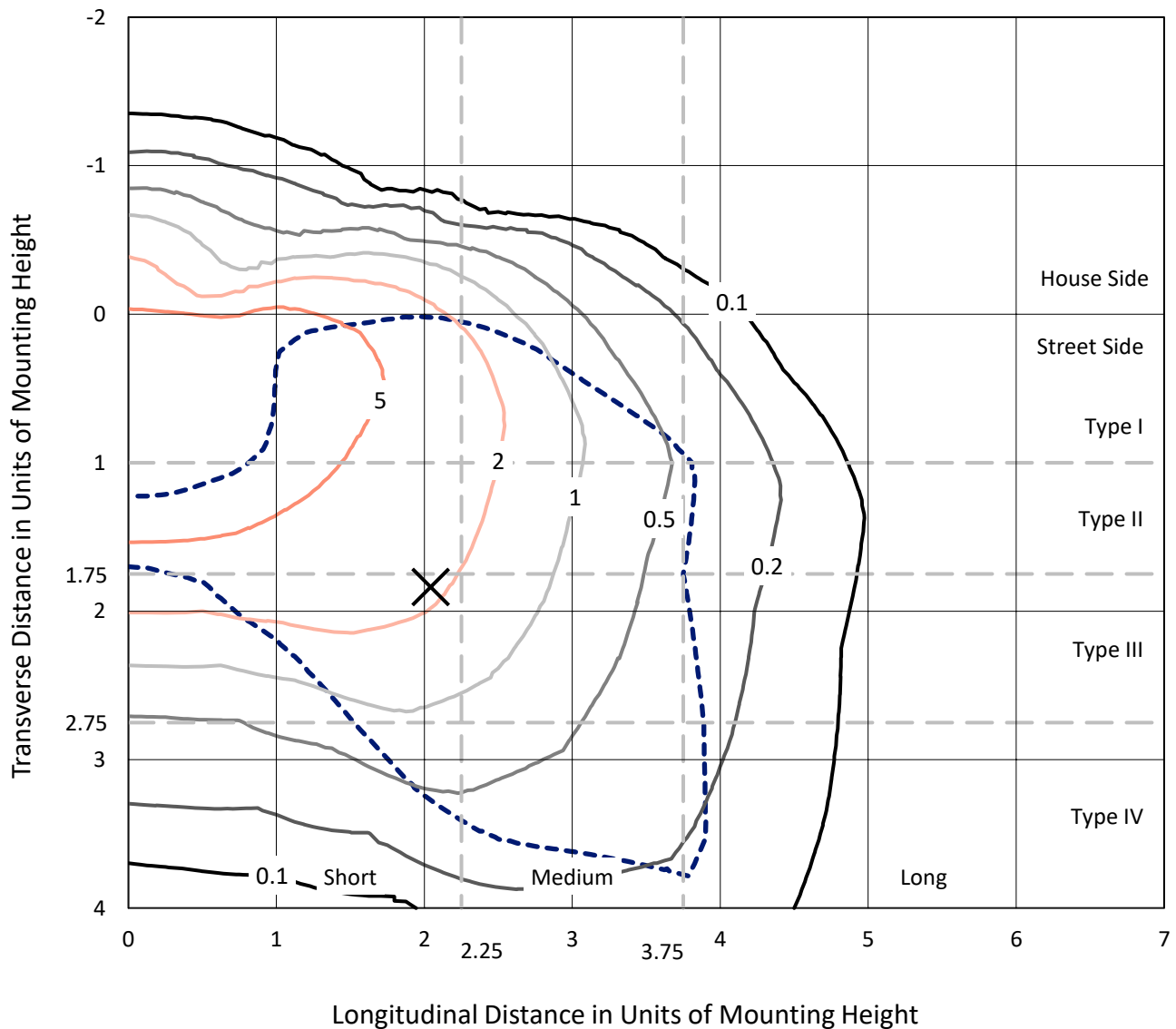
Input Watts (W): 94.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 6.0%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

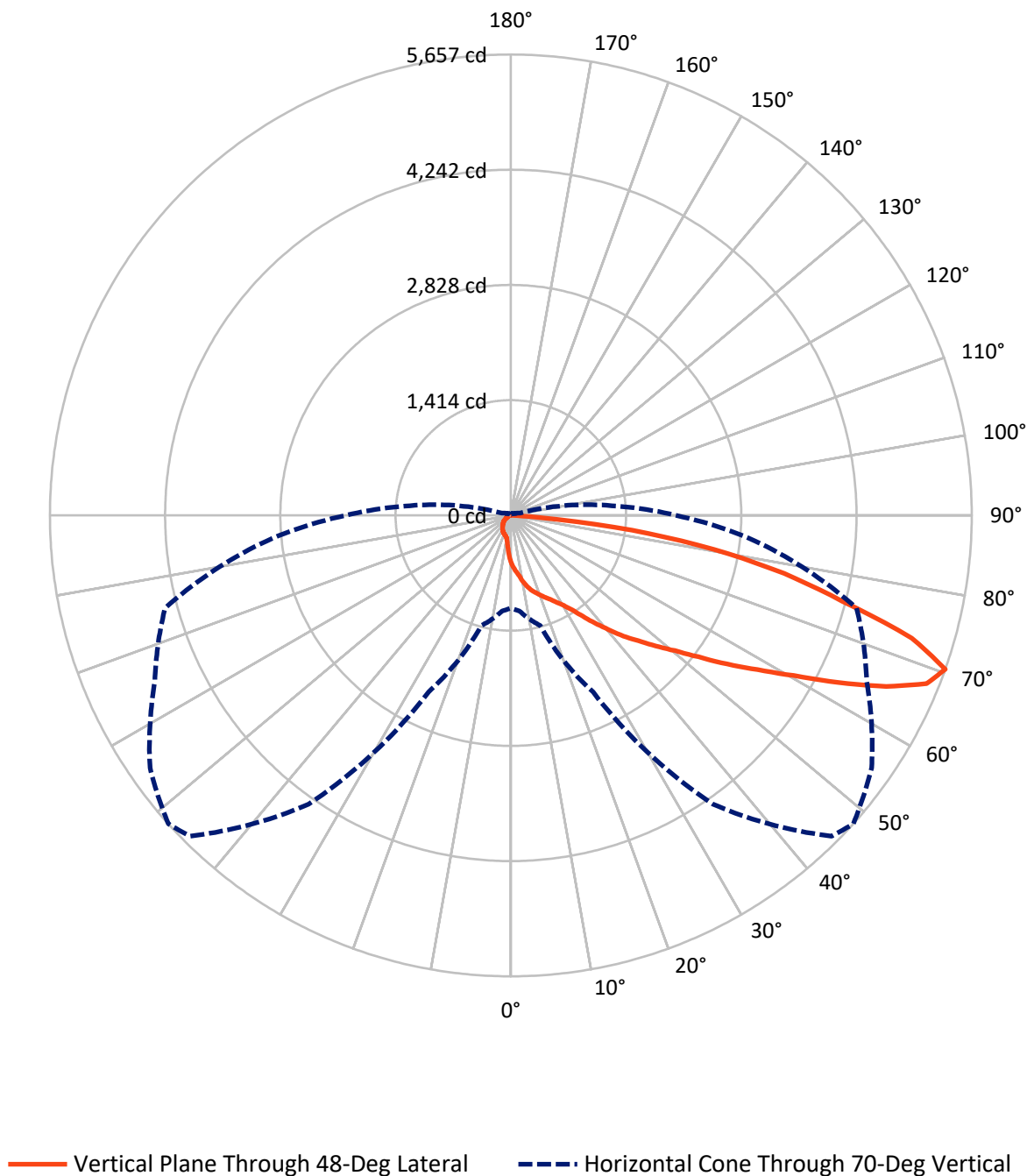


Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
Type IV - Short - N/A

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CATALOG NUMBER: PRV-P-90-722-U-T4RE-HSS

Luminous Intensity Polar Plot



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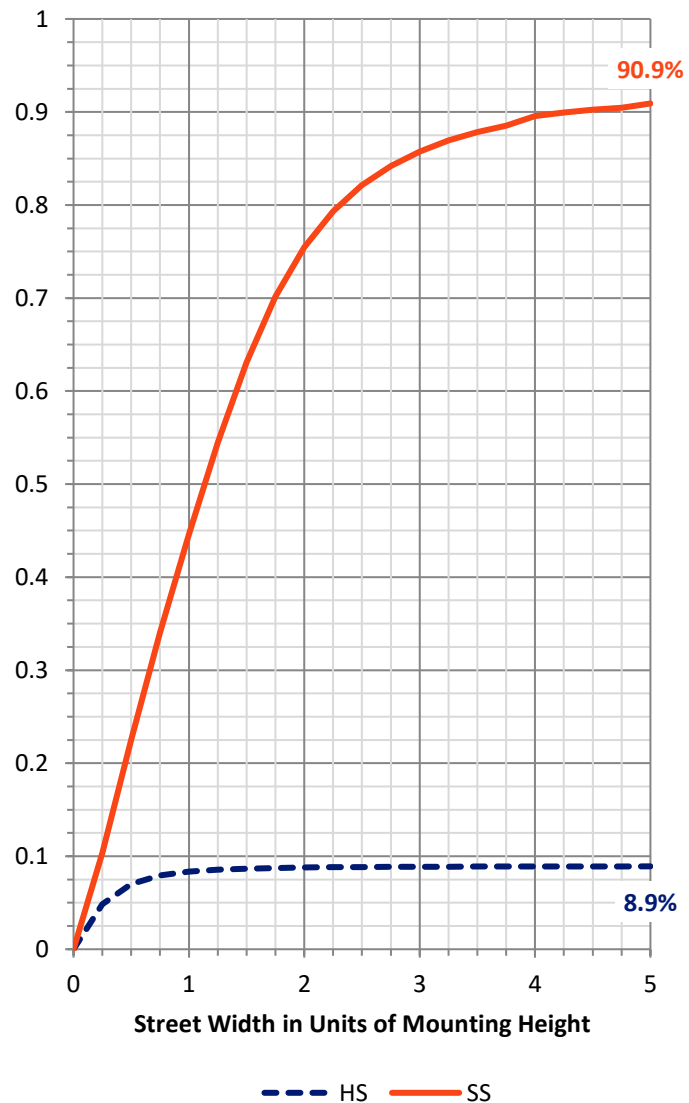
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	644.8	0.0	644.8
	% Fixture	9.0	0.0	9.0
Street Side	Lumens	6537.4	0.0	6537.4
	% Fixture	91.0	0.0	91.0
Total	Lumens	7182.2	0.0	7182.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.9	0.8
10°-20°	172.4	2.4
20°-30°	313.3	4.4
30°-40°	534.6	7.4
40°-50°	984.2	13.7
50°-60°	1602.7	22.3
60°-70°	2035.3	28.3
70°-80°	1332.1	18.5
80°-90°	153.6	2.1
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°	7182.2	100.0
0°-180°	7182.2	100.0

Coefficient of Utilization



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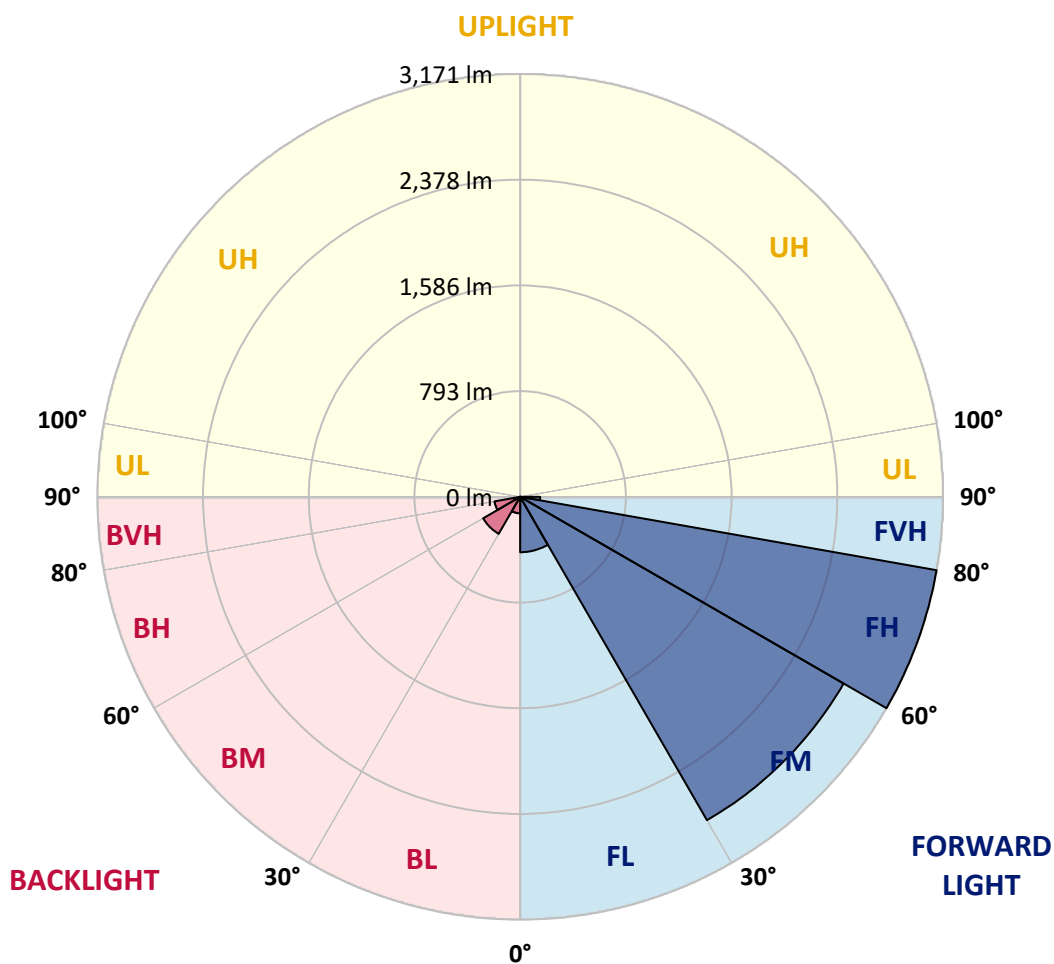
CATALOG NUMBER: PRV-P-90-722-U-T4RE-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	415.6	5.8			
FM	(30°-60°)	2800.7	39.0			
FH	(60°-80°)	3171.3	44.2			G2/5000
FVH	(80°-90°)	149.8	2.1			G2/225
BL	(0°-30°)	124.0	1.7	B1/500		
BM	(30°-60°)	320.8	4.5	B1/1000		
BH	(60°-80°)	196.1	2.7	B1/500		G1/500
BVH	(80°-90°)	3.8	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 IV Short



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CATALOG NUMBER: PRV-P-90-722-U-T4RE-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	48°	55°	65°	75°	85°
0°	581.0	581.0	581.0	581.0	581.0	581.0	581.0	581.0	581.0	581.0	581.0
2.5°	663.4	663.4	661.1	658.9	654.5	645.6	641.1	632.2	621.1	607.7	592.1
5°	750.2	739.1	743.5	734.6	716.8	696.8	692.3	676.7	654.5	630.0	601.0
7.5°	850.4	850.4	839.2	825.9	803.6	761.3	750.2	721.3	685.6	650.0	605.5
10°	930.5	926.0	919.4	908.2	888.2	841.5	828.1	790.3	723.5	670.1	614.4
12.5°	979.5	975.0	970.6	961.7	941.6	912.7	897.1	861.5	779.1	696.8	630.0
15°	1012.9	1010.6	1006.2	1001.7	986.2	968.3	952.8	926.0	848.1	741.3	652.2
17.5°	1030.7	1030.7	1030.7	1030.7	1026.2	1008.4	999.5	981.7	919.4	790.3	674.5
20°	1052.9	1055.2	1055.2	1059.6	1059.6	1055.2	1046.3	1035.1	988.4	854.8	701.2
22.5°	1077.4	1081.9	1086.3	1095.2	1097.5	1097.5	1095.2	1088.6	1055.2	928.3	732.4
25°	1115.3	1115.3	1119.7	1133.1	1144.2	1153.1	1146.4	1148.7	1119.7	1010.6	770.2
27.5°	1179.8	1170.9	1173.1	1179.8	1197.6	1211.0	1211.0	1211.0	1191.0	1097.5	817.0
30°	1244.4	1244.4	1248.8	1248.8	1264.4	1284.4	1282.2	1288.9	1268.9	1195.4	877.1
32.5°	1326.7	1326.7	1329.0	1340.1	1357.9	1380.2	1380.2	1404.7	1377.9	1306.7	963.9
35°	1420.2	1422.5	1440.3	1462.5	1480.3	1509.3	1518.2	1551.6	1538.2	1467.0	1086.3
37.5°	1524.9	1531.5	1558.3	1593.9	1605.0	1660.7	1676.2	1707.4	1745.2	1734.1	1304.5
40°	1642.8	1645.1	1680.7	1729.7	1754.2	1816.5	1838.7	1907.8	2003.5	2050.2	1627.3
42.5°	1838.7	1829.8	1841.0	1898.8	1905.5	1985.7	2025.7	2114.8	2268.4	2395.3	1963.4
45°	2150.4	2132.6	2088.1	2061.4	2028.0	2150.4	2194.9	2312.9	2566.7	2704.7	2270.6
47.5°	2477.6	2455.4	2395.3	2341.8	2232.8	2339.6	2393.0	2544.4	2818.2	2980.7	2517.7
50°	2758.1	2749.2	2704.7	2649.0	2524.4	2560.0	2609.0	2813.8	3063.1	3272.3	2744.8
52.5°	2962.9	2956.2	2949.6	2958.5	2851.6	2851.6	2882.8	3087.6	3303.5	3506.1	2942.9
55°	3114.3	3121.0	3127.6	3205.6	3178.8	3161.0	3221.1	3374.7	3555.1	3739.8	3114.3
57.5°	3089.8	3112.1	3287.9	3441.5	3481.6	3546.1	3568.4	3686.4	3820.0	3984.7	3283.5
60°	2747.0	2780.4	3058.6	3670.8	3837.8	3960.2	3989.1	4038.1	4096.0	4278.5	3535.0
62.5°	2386.4	2413.1	2657.9	3633.0	4222.9	4498.9	4512.3	4516.7	4463.3	4641.4	3744.3
65°	2072.5	2099.2	2297.3	3301.3	4554.6	5064.3	5062.1	4964.2	4846.2	4826.1	3673.0
67.5°	1616.1	1658.4	1896.6	2831.6	4599.1	5514.0	5505.1	5331.5	5062.1	4721.5	3343.6
70°	1139.8	1175.4	1400.2	2390.8	4325.3	5567.4	5656.5	5404.9	4819.5	4392.1	2862.7
72.5°	906.0	941.6	1095.2	1923.3	4087.1	5095.5	5146.7	4841.7	4227.3	3802.1	2194.9
75°	538.7	583.2	750.2	1375.7	3697.5	4305.2	4196.2	4076.0	3399.2	3158.8	1605.0
77.5°	233.7	260.5	382.9	734.6	2568.9	3590.7	3430.4	3047.5	2355.2	2130.4	894.9
80°	111.3	118.0	142.5	296.1	1224.3	2571.1	2531.1	2063.6	1297.8	1004.0	327.2
82.5°	57.9	60.1	84.6	122.4	396.2	1357.9	1500.4	1173.1	523.1	289.4	62.3
85°	22.3	26.7	35.6	57.9	73.5	307.2	358.4	394.0	160.3	55.7	26.7
87.5°	2.2	4.5	6.7	8.9	11.1	13.4	13.4	15.6	13.4	6.7	4.5
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: P1503131

CATALOG NUMBER: PRV-P-90-722-U-T4RE-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	581.0	581.0	581.0	581.0	581.0	581.0	581.0	581.0	581.0	581.0	581.0
2.5°	583.2	574.3	552.1	536.5	516.5	496.4	485.3	469.7	463.0	465.3	463.0
5°	581.0	563.2	518.7	471.9	438.5	402.9	385.1	362.9	356.2	349.5	356.2
7.5°	581.0	549.8	480.8	414.1	365.1	331.7	309.4	298.3	293.8	293.8	293.8
10°	581.0	536.5	445.2	362.9	309.4	282.7	278.3	280.5	282.7	284.9	284.9
12.5°	585.5	529.8	407.4	320.6	271.6	264.9	269.4	273.8	278.3	278.3	280.5
15°	594.4	525.4	378.4	282.7	258.2	258.2	260.5	264.9	269.4	271.6	271.6
17.5°	607.7	520.9	347.3	260.5	249.3	249.3	251.5	253.8	260.5	262.7	262.7
20°	621.1	516.5	320.6	247.1	242.6	242.6	242.6	244.9	249.3	251.5	251.5
22.5°	638.9	514.2	291.6	238.2	233.7	233.7	233.7	233.7	236.0	238.2	238.2
25°	656.7	512.0	264.9	229.3	227.1	224.8	222.6	222.6	222.6	224.8	224.8
27.5°	679.0	509.8	240.4	218.2	215.9	213.7	213.7	209.3	211.5	213.7	211.5
30°	710.1	509.8	222.6	207.0	202.6	202.6	200.3	195.9	198.1	198.1	198.1
32.5°	761.3	527.6	213.7	195.9	189.2	189.2	184.8	182.5	182.5	182.5	182.5
35°	839.2	569.9	215.9	191.4	180.3	173.6	169.2	167.0	164.7	162.5	162.5
37.5°	966.1	625.5	231.5	193.7	171.4	162.5	155.8	149.1	144.7	140.2	138.0
40°	1197.6	763.5	253.8	202.6	164.7	149.1	140.2	129.1	120.2	115.8	111.3
42.5°	1462.5	941.6	284.9	209.3	160.3	135.8	122.4	109.1	100.2	93.5	91.3
45°	1689.6	1115.3	358.4	211.5	151.4	124.7	106.9	91.3	84.6	77.9	75.7
47.5°	1861.0	1246.6	434.1	207.0	144.7	113.5	91.3	77.9	71.2	64.6	62.3
50°	2021.3	1351.2	489.7	195.9	138.0	102.4	77.9	66.8	60.1	55.7	53.4
52.5°	2145.9	1431.4	527.6	182.5	129.1	91.3	69.0	57.9	51.2	49.0	49.0
55°	2263.9	1511.5	554.3	173.6	118.0	77.9	60.1	53.4	46.7	44.5	44.5
57.5°	2373.0	1602.8	596.6	164.7	100.2	69.0	53.4	49.0	44.5	40.1	37.8
60°	2571.1	1789.8	627.8	133.6	82.4	60.1	49.0	44.5	40.1	35.6	35.6
62.5°	2729.2	1898.8	536.5	86.8	69.0	53.4	46.7	40.1	35.6	31.2	31.2
65°	2662.4	1818.7	369.5	69.0	57.9	49.0	40.1	35.6	28.9	24.5	24.5
67.5°	2404.2	1609.5	222.6	57.9	49.0	42.3	35.6	28.9	22.3	17.8	17.8
70°	2025.7	1302.3	115.8	49.0	40.1	33.4	26.7	22.3	15.6	13.4	11.1
72.5°	1567.2	877.1	57.9	42.3	35.6	28.9	22.3	17.8	11.1	8.9	6.7
75°	1081.9	547.6	44.5	35.6	28.9	22.3	17.8	13.4	6.7	4.5	4.5
77.5°	569.9	269.4	35.6	31.2	24.5	20.0	13.4	8.9	4.5	2.2	2.2
80°	213.7	80.1	28.9	24.5	20.0	15.6	8.9	4.5	2.2	0.0	0.0
82.5°	40.1	24.5	17.8	17.8	13.4	8.9	4.5	2.2	0.0	0.0	0.0
85°	20.0	13.4	6.7	6.7	4.5	2.2	2.2	0.0	0.0	0.0	0.0
87.5°	4.5	4.5	2.2	2.2	2.2	2.2	2.2	0.0	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

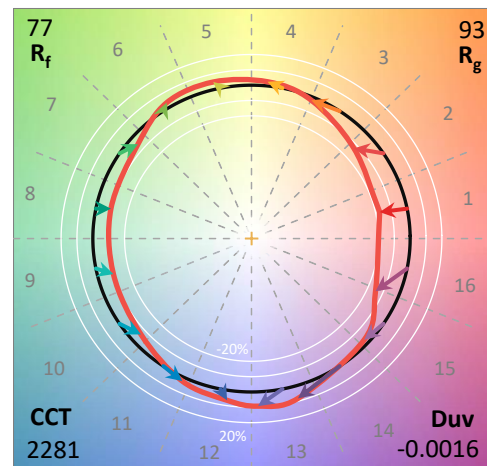
Data in this report applies to families of products including GKO-PB1E-722-U-T4W

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

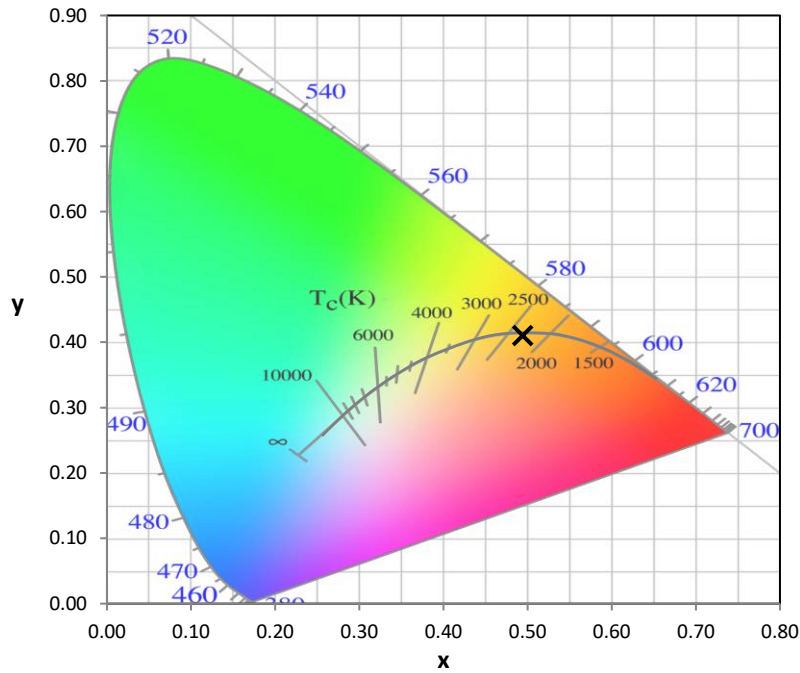
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP2-2501-321-2

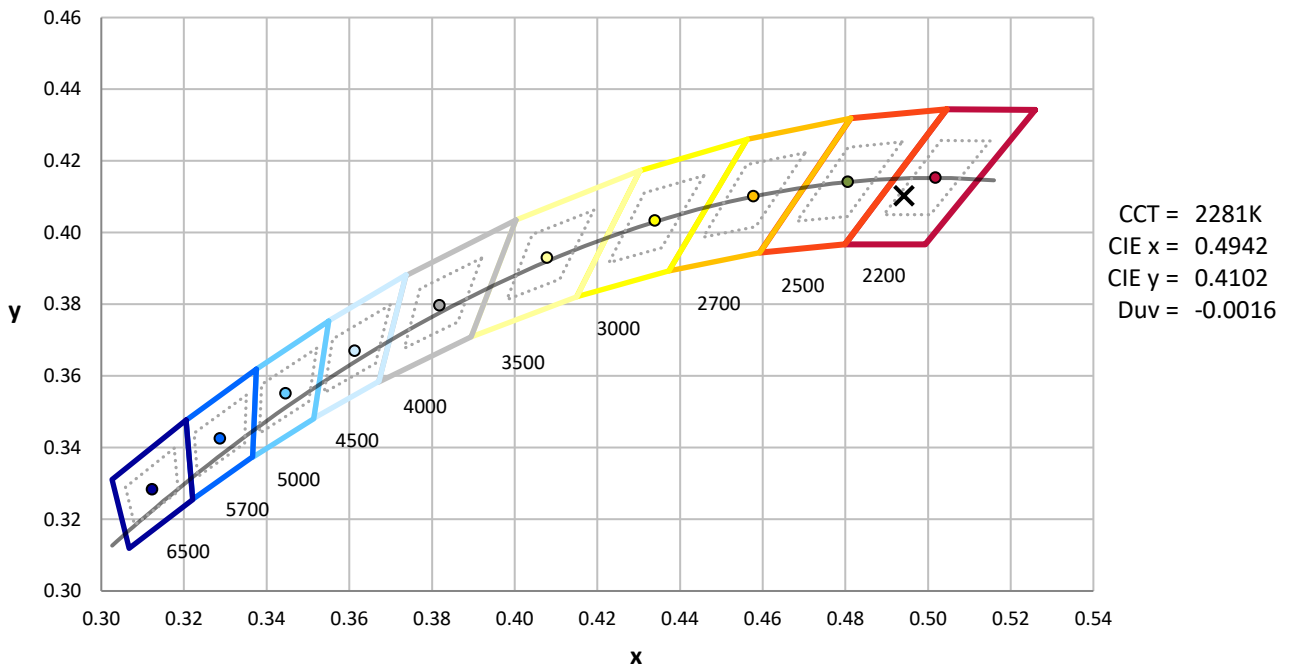
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

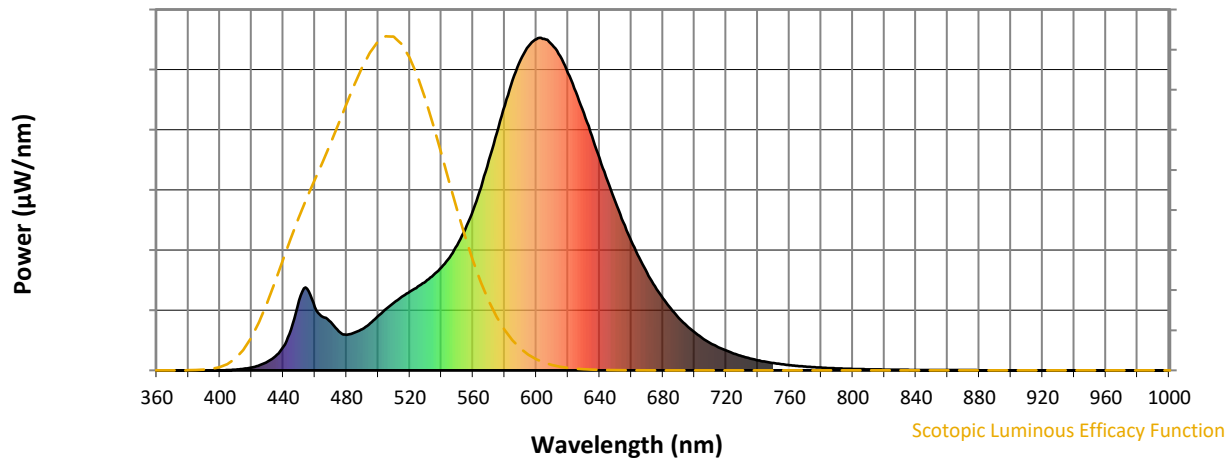


Photopic Lumens: NR

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			

REPORT NUMBER: SP2-2501-321-2

Scotopic Flux vs. Wavelength

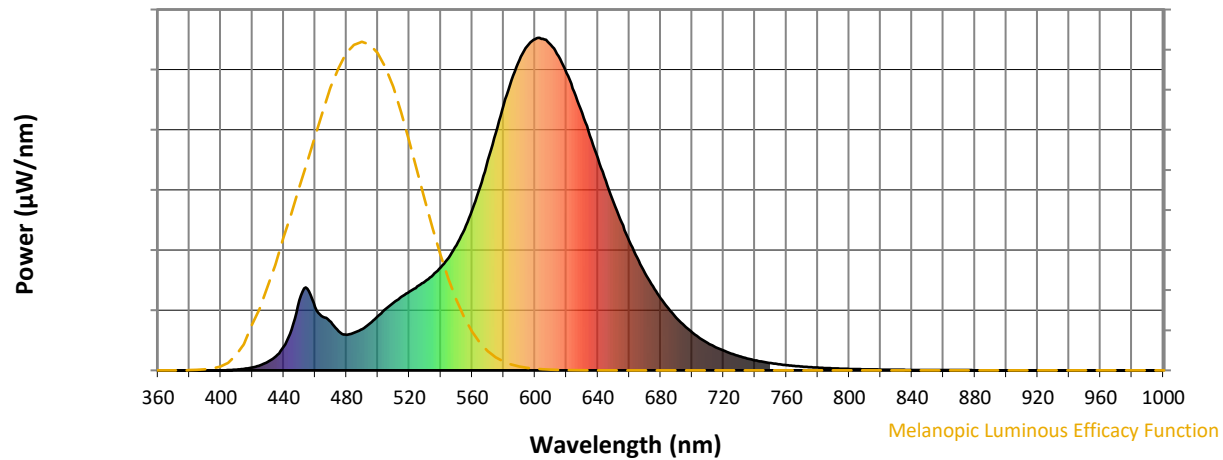


Scotopic Lumens: NR

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

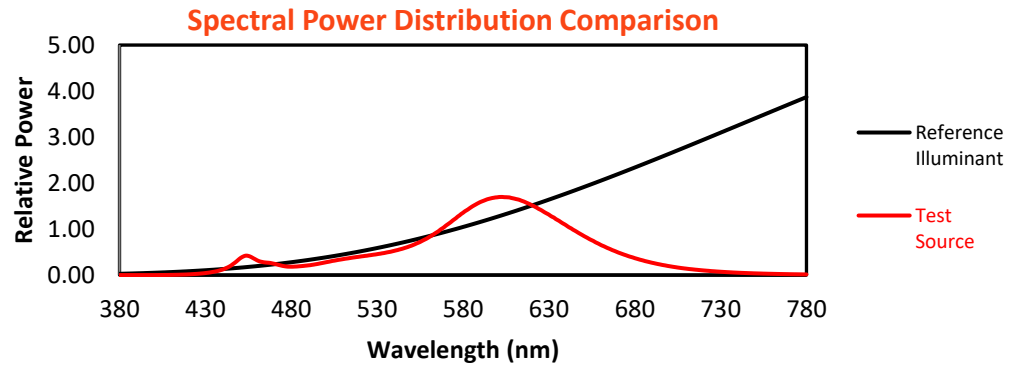
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	124	NR	620	894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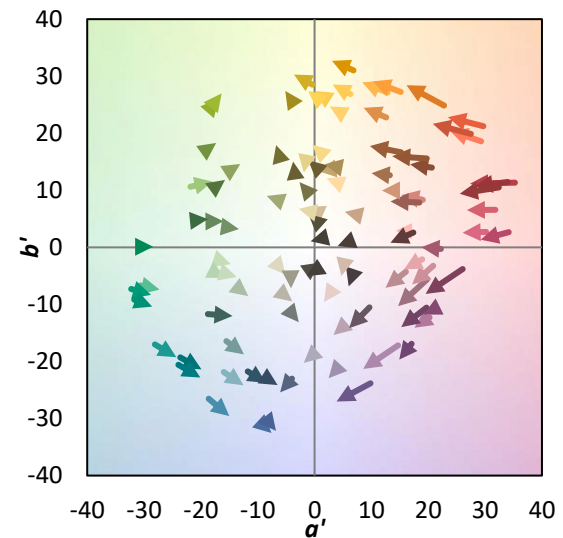
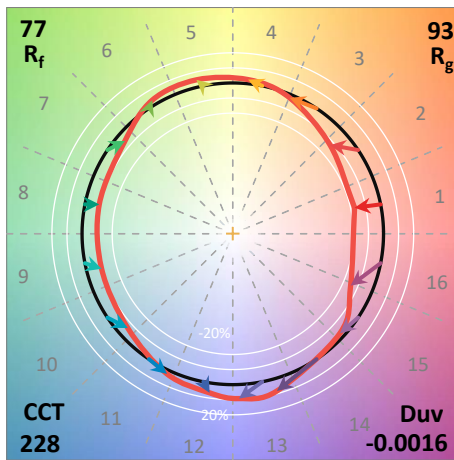
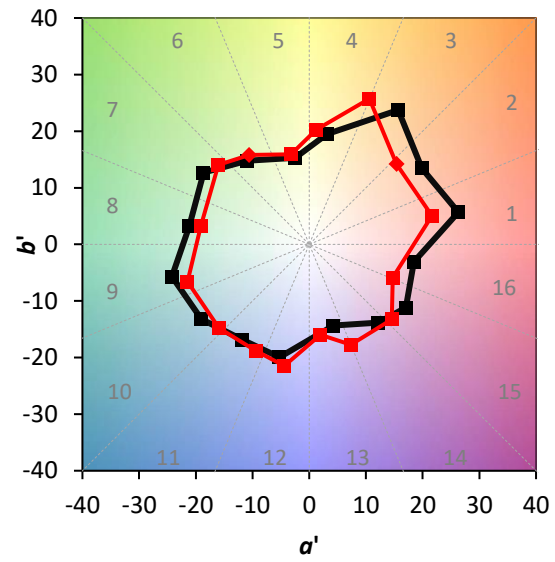
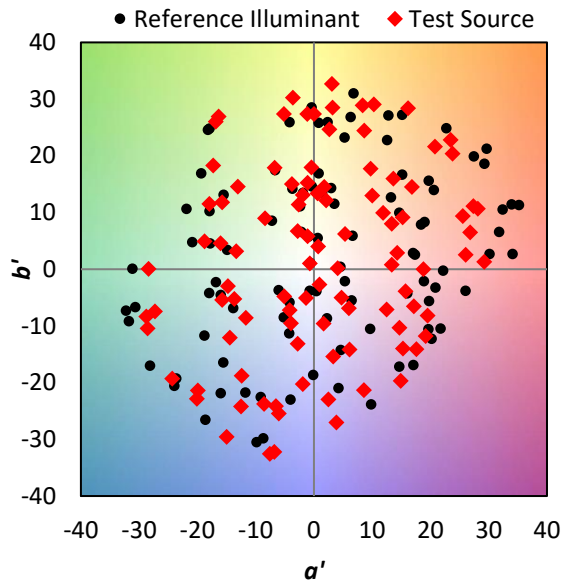
TM-30-18

Summary

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

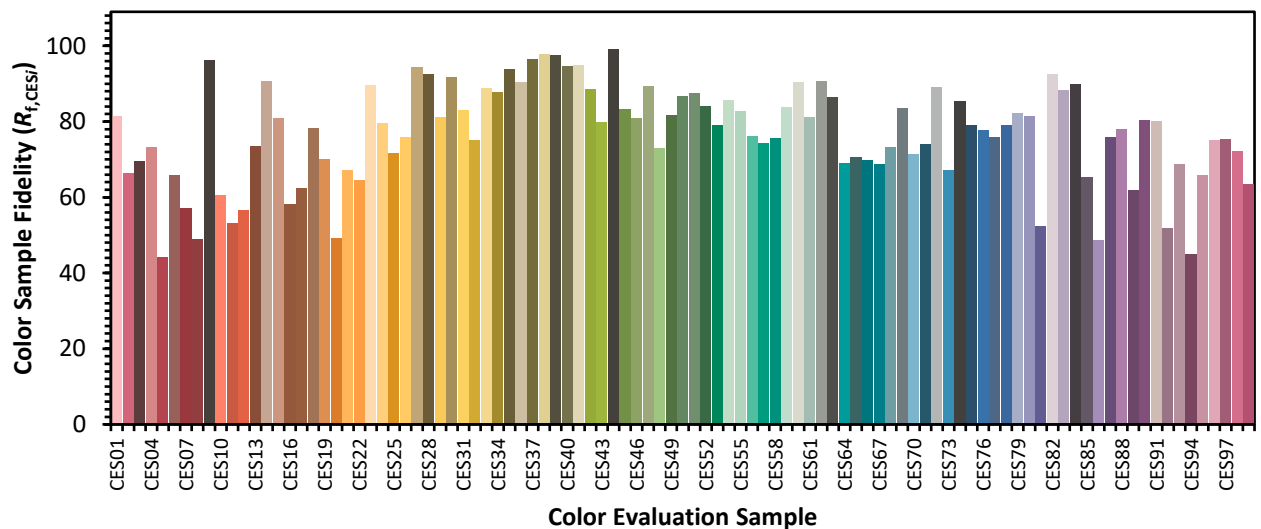


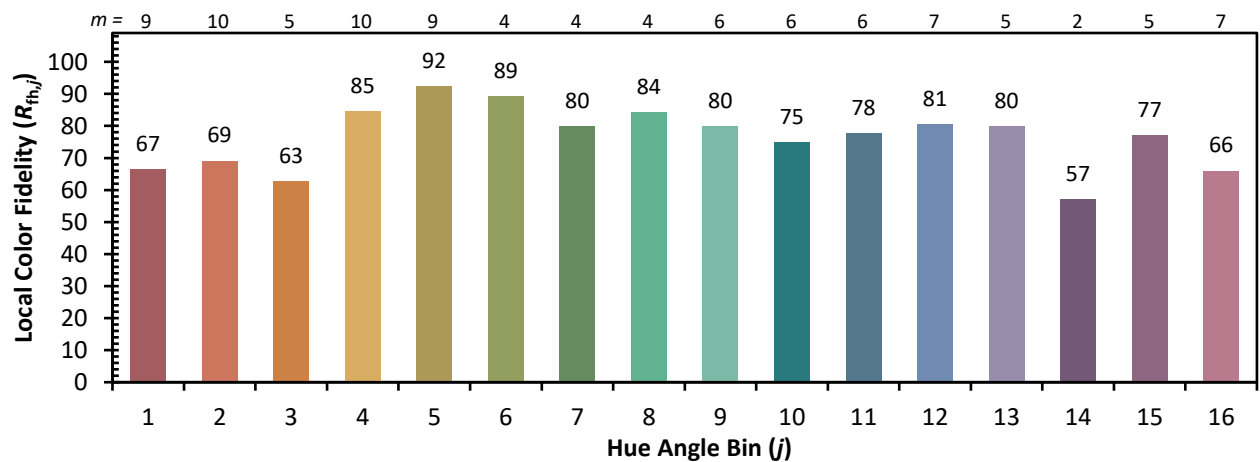
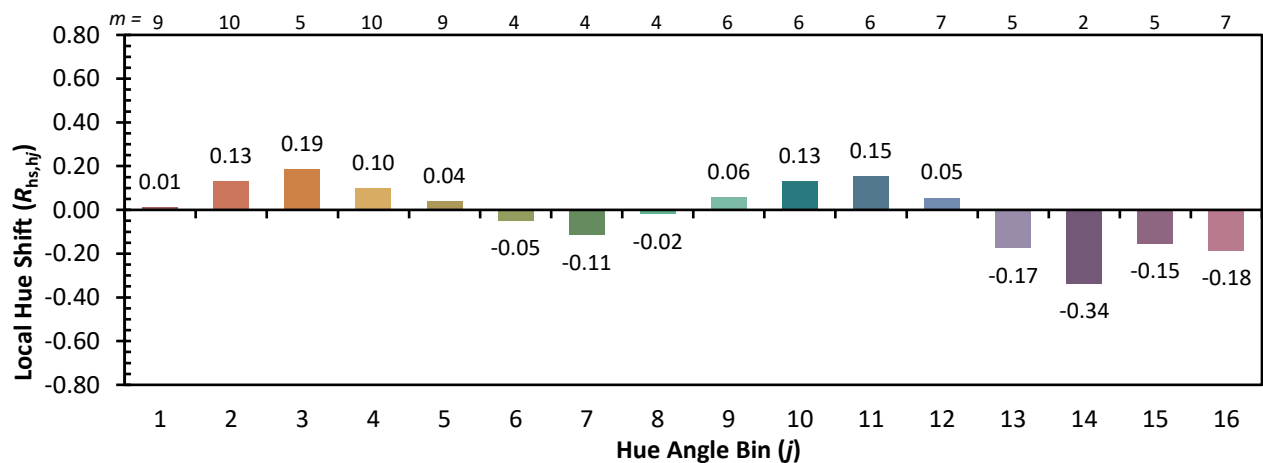
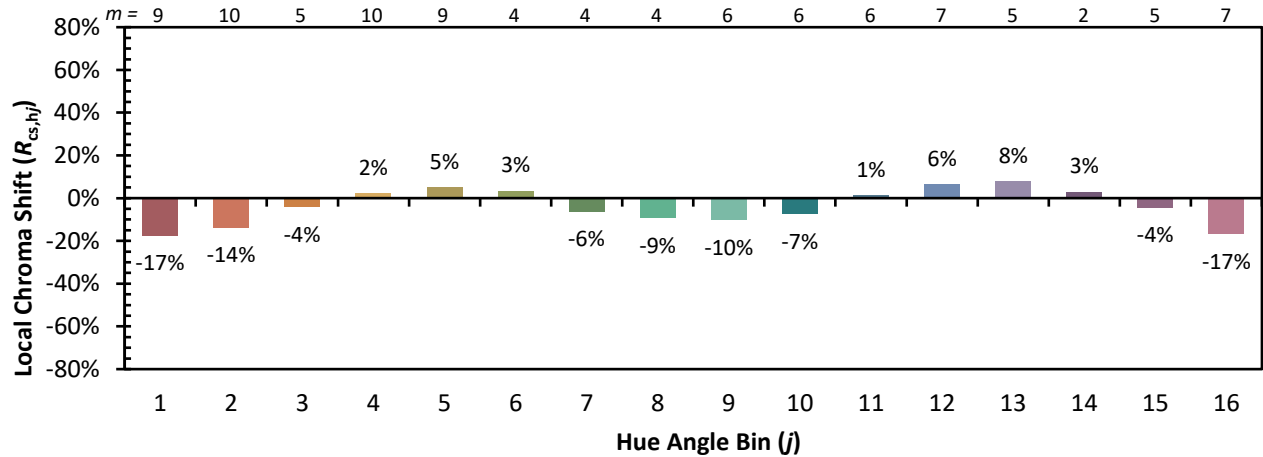
Color Vector Graphics

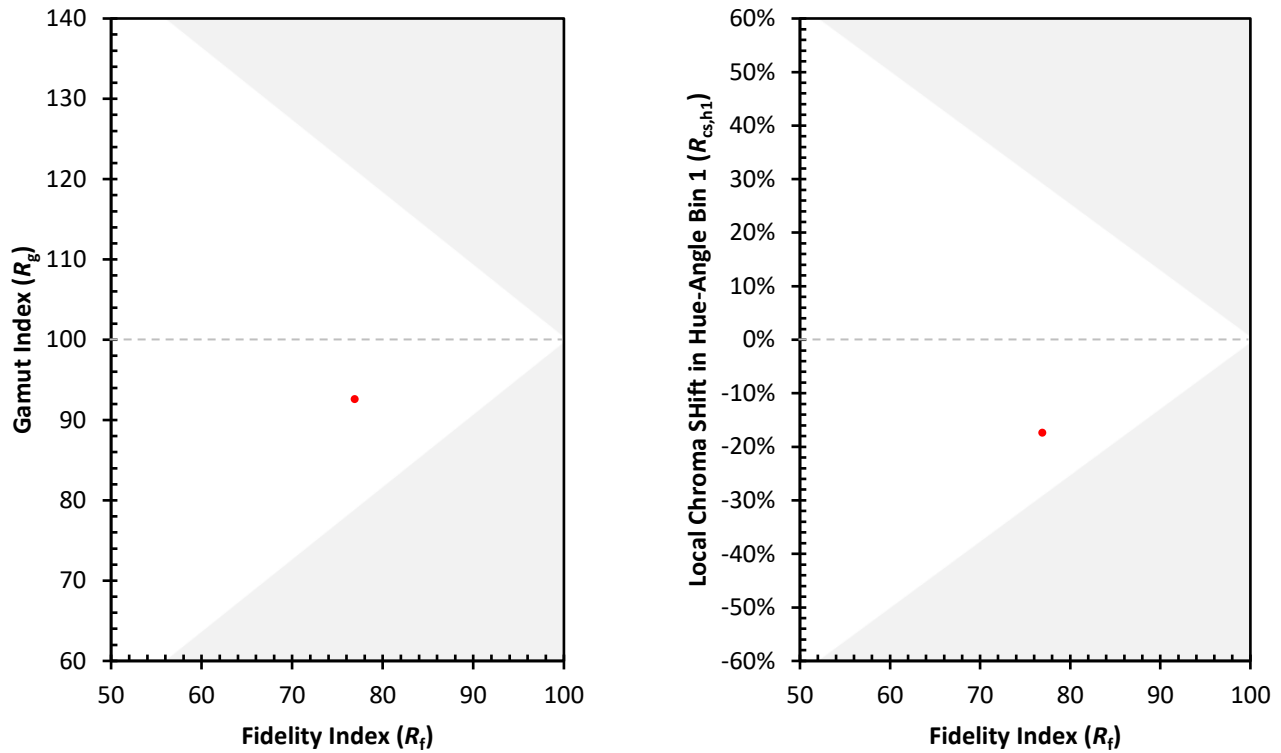


Individual Sample Fidelity Index ($R_{f,i}$)

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)