Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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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: LUMARK

Report Number: P1503181

Luminaire Tested: PRV-P-PB1B-722-U-T2RE

Issue Date: 07/22/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1503181
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	7/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB1B-722-U-T2RE
Description:	PREVAIL PETITE DISCRETE LED 1 SQUARE AT 1470MA 70CRI 2200K FIXTURE w/ TYPE II ROADWAY ILLUMIANCE DISTRIBUTION OPTIC
Light Source:	(10) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5539.4 lumens
Efficiency:	N/A
Efficacy:	105.5 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G1
Input Watts (W):	52.5
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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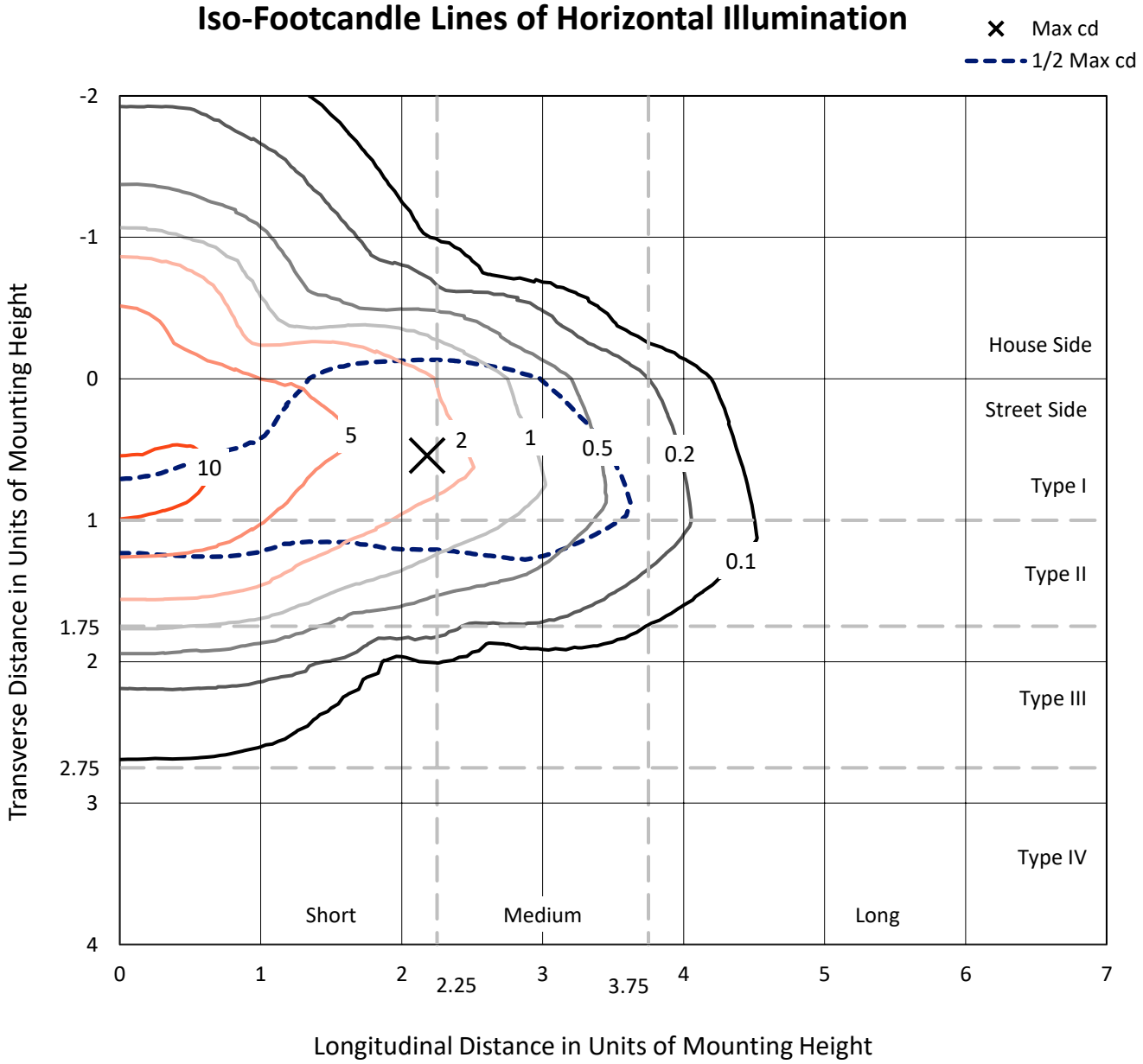
Scaled Data Report

REPORT NUMBER: P1503181
CATALOG NUMBER: PRV-P-PB1B-722-U-T2RE

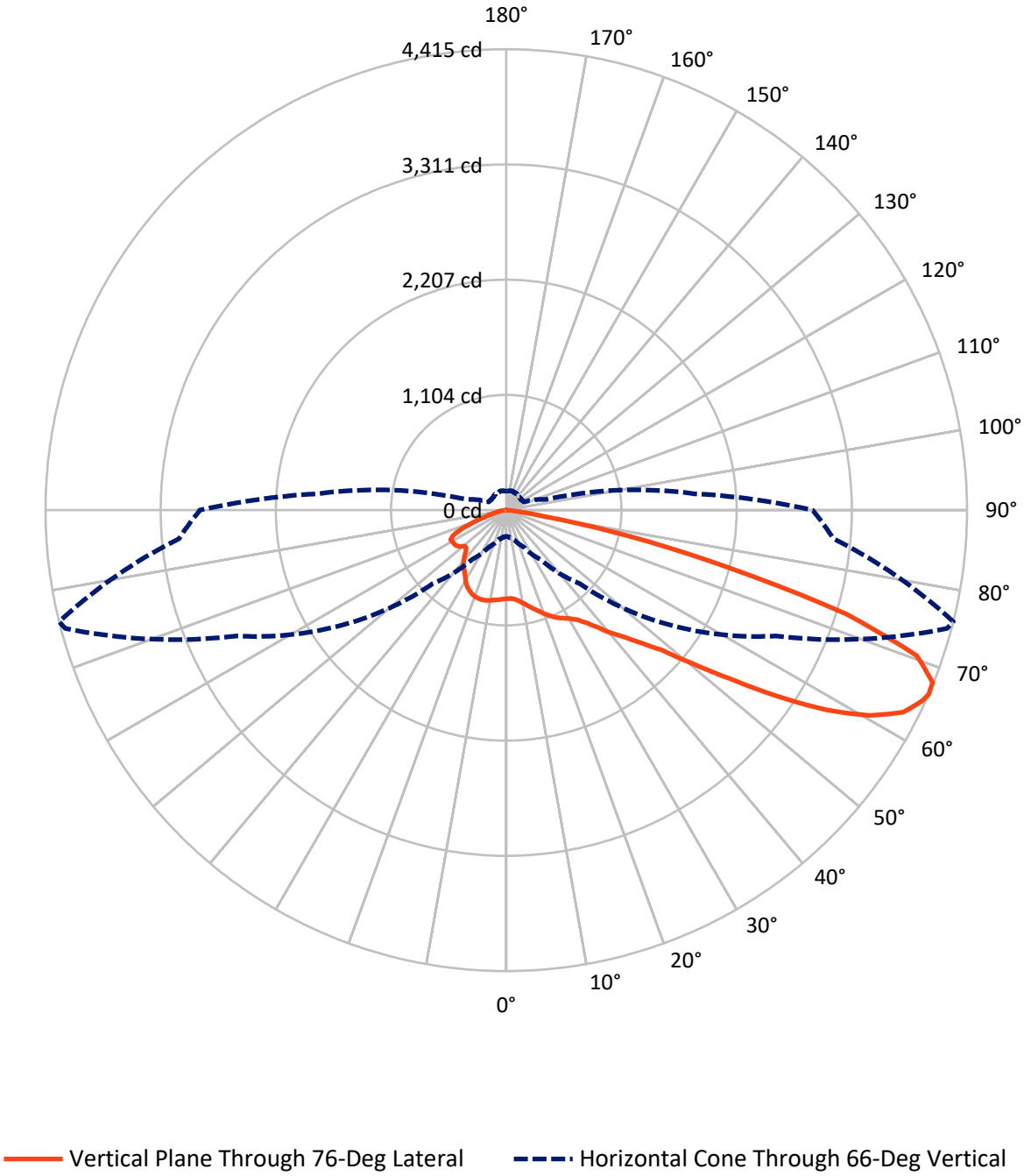
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 11.9 fc
Type II - Short - N/A

REPORT NUMBER: P1503181
CATALOG NUMBER: PRV-P-PB1B-722-U-T2RE

Luminous Intensity Polar Plot



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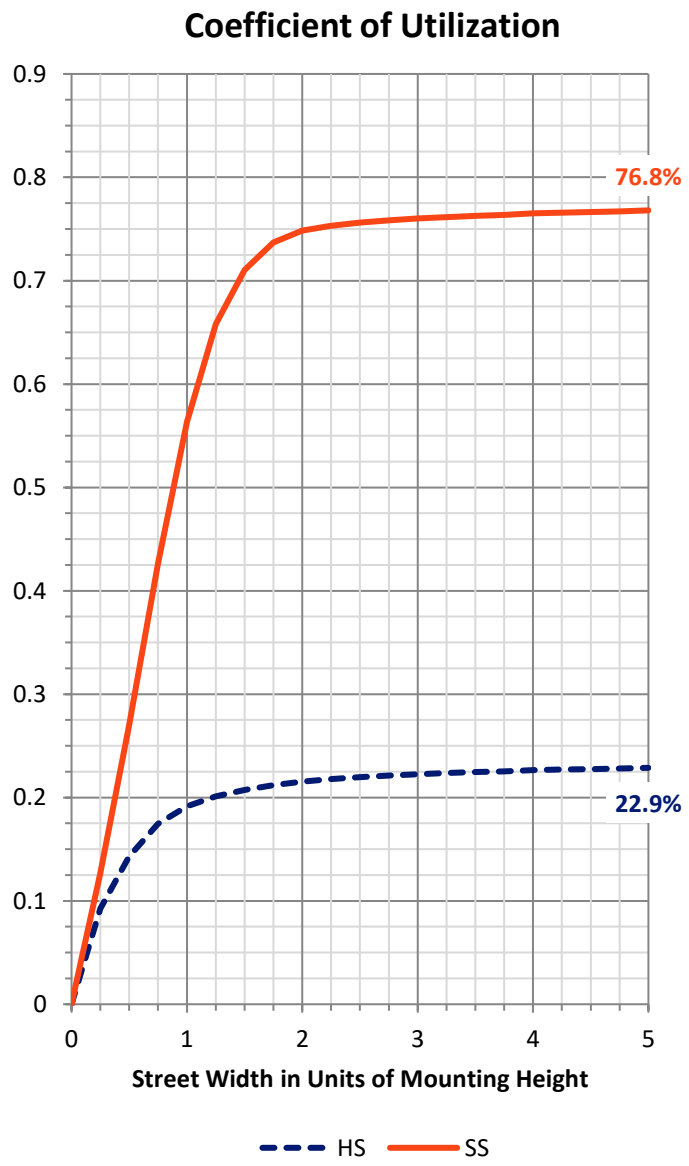
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1275.3	0.0	1275.3
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	4264.1	0.0	4264.1
	% Fixture	77.0	0.0	77.0
Total	Lumens	5539.4	0.0	5539.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.7	1.4
10°-20°	234.2	4.2
20°-30°	445.5	8.0
30°-40°	775.7	14.0
40°-50°	1124.4	20.3
50°-60°	1290.9	23.3
60°-70°	1078.3	19.5
70°-80°	466.2	8.4
80°-90°	44.5	0.8
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°	5539.4	100.0
0°-180°	5539.4	100.0



REPORT NUMBER: P1503181
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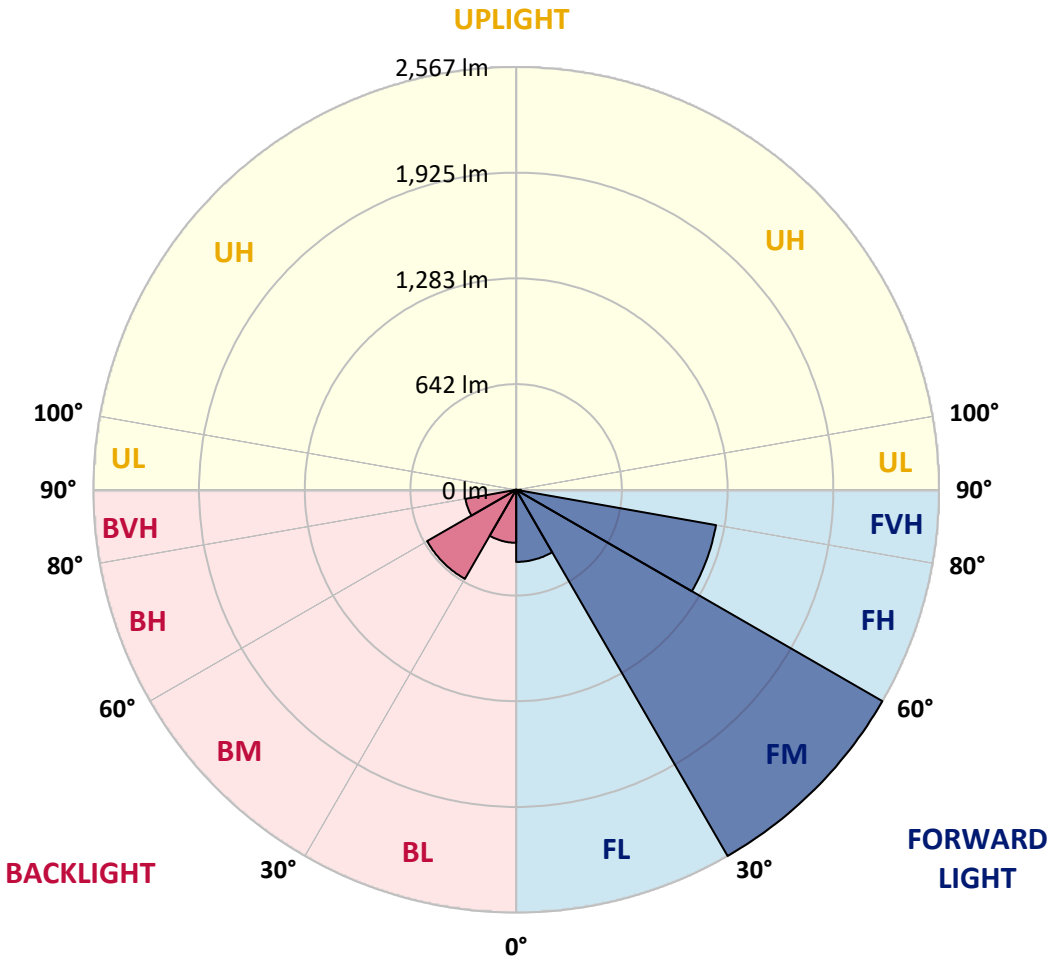
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	437.6	7.9			
FM	(30°-60°)	2566.6	46.3			
FH	(60°-80°)	1231.5	22.2			G1/1800
FVH	(80°-90°)	28.4	0.5			G1/100
BL	(0°-30°)	321.8	5.8	B1/500		
BM	(30°-60°)	624.4	11.3	B1/1000		
BH	(60°-80°)	313.0	5.7	B1/500		G1/500
BVH	(80°-90°)	16.1	0.3			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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0	*848.0*	848.0
2.5°	853.9	856.3	859.8	859.8	859.8	853.9	852.7	849.2	849.2	*846.8*	850.4
5°	855.1	857.5	865.7	875.2	881.1	878.7	875.2	864.5	857.5	*856.3*	857.5
7.5°	779.5	781.9	796.0	816.1	840.9	864.5	890.5	891.7	876.3	*878.7*	871.6
10°	733.4	732.3	739.3	752.3	785.4	827.9	872.8	909.4	908.2	*907.1*	897.6
12.5°	757.1	757.1	758.2	763.0	771.2	792.5	855.1	915.3	940.1	*941.3*	928.3
15°	812.6	811.4	810.2	812.6	807.8	806.7	840.9	916.5	979.1	*979.1*	970.8
17.5°	869.3	869.3	874.0	878.7	877.5	858.6	859.8	927.1	1016.9	*1018.1*	1014.5
20°	953.1	949.6	954.3	960.2	957.8	938.9	910.6	944.9	1057.1	*1063.0*	1065.3
22.5°	1052.3	1046.4	1052.3	1055.9	1054.7	1024.0	989.7	977.9	1092.5	*1101.9*	1122.0
25°	1177.5	1170.4	1183.4	1188.2	1178.7	1143.3	1085.4	1028.7	1127.9	*1142.1*	1172.8
27.5°	1358.2	1351.1	1360.6	1368.9	1347.6	1286.2	1201.1	1094.8	1158.6	*1171.6*	1217.7
30°	1619.2	1634.6	1599.2	1581.4	1544.8	1455.1	1340.5	1181.1	1191.7	*1204.7*	1257.8
32.5°	1922.8	1924.0	1896.8	1808.2	1752.7	1648.8	1503.5	1301.5	1242.5	*1251.9*	1295.6
35°	2177.9	2172.0	2146.0	2091.7	1978.3	1855.5	1680.7	1437.4	1312.2	*1325.2*	1342.9
37.5°	2372.8	2369.2	2369.2	2319.6	2220.4	2066.9	1868.4	1598.0	1416.1	*1424.4*	1409.0
40°	2532.2	2527.5	2541.7	2528.7	2453.1	2277.1	2043.2	1737.3	1537.7	*1547.2*	1477.5
42.5°	2670.4	2662.1	2678.7	2685.7	2642.0	2486.1	2225.1	1887.3	1660.6	*1661.8*	1557.8
45°	2806.2	2805.0	2823.9	2834.6	2801.5	2644.4	2383.4	2061.0	1807.0	*1816.5*	1664.1
47.5°	2697.6	2707.0	2788.5	2888.9	2931.4	2794.4	2538.1	2228.7	2000.7	*1997.2*	1795.2
50°	2352.7	2391.7	2549.9	2755.4	2931.4	2906.6	2679.8	2418.8	2268.8	*2304.3*	2025.5
52.5°	1898.0	1886.2	2118.8	2442.4	2769.6	2887.7	2810.9	2632.6	2655.0	*2682.2*	2273.5
55°	1482.2	1508.2	1686.6	2046.8	2412.9	2708.2	2867.6	2873.5	3102.7	*3135.7*	2512.1
57.5°	1259.0	1282.6	1420.8	1748.0	2045.6	2371.6	2799.1	3127.5	3558.5	*3609.3*	2741.3
60°	909.4	921.2	1078.3	1396.0	1797.6	1954.7	2591.3	3275.1	3981.4	*3993.2*	2946.8
62.5°	519.7	536.2	628.3	921.2	1381.8	1687.7	2287.7	3255.0	4253.0	*4266.0*	3133.4
65°	283.5	295.3	352.0	500.8	792.5	1308.6	2000.7	3003.4	4361.7	*4388.8*	3185.3
66°	*251.6*	*256.3*	*292.9*	*387.4*	*578.7*	*994.5*	*1919.2*	*2851.1*	*4374.7*	*4414.8*	*3147.5*
67.5°	242.1	242.1	262.2	313.0	383.8	661.4	1711.4	2655.0	4349.9	*4406.6*	3053.1
70°	235.0	236.2	252.7	265.7	249.2	227.9	1059.4	2394.0	4055.8	*4171.5*	2821.6
72.5°	215.0	215.0	237.4	250.4	203.1	142.9	413.4	2022.0	3323.5	*3408.6*	2355.0
75°	178.3	180.7	203.1	223.2	187.8	116.9	124.0	1156.3	2166.1	*2190.9*	1588.5
77.5°	138.2	141.7	167.7	176.0	170.1	107.5	100.4	448.8	1185.8	*1214.1*	742.9
80°	99.2	102.8	127.6	139.4	135.8	103.9	86.2	140.5	379.1	*357.9*	227.9
82.5°	62.6	62.6	78.0	100.4	93.3	89.8	70.9	85.0	111.0	*109.8*	79.1
85°	22.4	24.8	35.4	44.9	42.5	47.2	41.3	47.2	52.0	*49.6*	30.7
87.5°	1.2	1.2	1.2	2.4	2.4	4.7	4.7	5.9	4.7	*5.9*	5.9
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: P1503181
CATALOG NUMBER: PRV-P-PB1B-722-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0	848.0
2.5°	850.4	850.4	852.7	855.1	857.5	852.7	851.5	851.5	846.8	848.0	850.4
5°	857.5	857.5	859.8	857.5	849.2	836.2	827.9	823.2	812.6	813.8	813.8
7.5°	870.4	870.4	865.7	849.2	830.3	806.7	791.3	783.0	768.9	771.2	771.2
10°	894.1	890.5	872.8	837.4	801.9	771.2	754.7	742.9	734.6	731.1	732.3
12.5°	928.3	922.4	879.9	818.5	767.7	738.2	725.2	716.9	712.2	709.8	711.0
15°	968.5	957.8	879.9	792.5	735.8	708.6	699.2	702.7	708.6	711.0	713.4
17.5°	1013.4	995.6	874.0	765.3	703.9	685.0	693.3	706.3	718.1	722.8	724.0
20°	1061.8	1029.9	865.7	733.4	679.1	680.3	699.2	714.5	724.0	727.5	728.7
22.5°	1110.2	1057.1	848.0	696.8	668.5	682.7	701.6	714.5	720.4	722.8	724.0
25°	1150.4	1072.4	822.0	672.0	663.8	682.7	698.0	707.5	713.4	716.9	718.1
27.5°	1185.8	1075.9	796.0	653.1	660.2	679.1	690.9	700.4	707.5	709.8	711.0
30°	1208.2	1066.5	758.2	637.8	654.3	670.8	682.7	690.9	696.8	700.4	701.6
32.5°	1225.9	1058.2	707.5	620.1	642.5	661.4	672.0	676.7	679.1	681.5	681.5
35°	1243.7	1057.1	668.5	597.6	626.0	648.4	651.9	647.2	643.7	637.8	639.0
37.5°	1262.6	1064.1	637.8	570.5	598.8	621.2	616.5	601.2	587.0	568.1	563.4
40°	1287.4	1067.7	596.4	532.7	562.2	575.2	561.0	532.7	494.9	478.3	478.3
42.5°	1326.3	1088.9	542.1	489.0	506.7	518.5	504.3	455.9	422.8	408.6	409.8
45°	1409.0	1140.9	489.0	441.7	448.8	460.6	432.3	385.0	362.6	353.1	348.4
47.5°	1550.7	1227.1	446.4	394.5	387.4	398.0	363.8	330.7	307.1	285.8	284.6
50°	1808.2	1406.6	431.1	344.9	334.2	352.0	318.9	295.3	268.1	257.5	256.3
52.5°	2092.8	1629.9	447.6	303.5	298.8	314.2	297.6	268.1	249.2	246.8	246.8
55°	2353.9	1840.1	448.8	278.7	278.7	285.8	270.5	249.2	250.4	248.0	244.5
57.5°	2588.9	1951.1	442.9	265.7	259.8	262.2	253.9	239.8	261.0	232.7	225.6
60°	2818.0	1957.0	445.3	253.9	233.9	231.5	238.6	227.9	249.2	215.0	211.4
62.5°	2949.1	1907.4	458.3	231.5	205.5	199.6	209.0	205.5	222.0	204.3	203.1
65°	2959.7	1849.5	422.8	199.6	185.4	180.7	191.3	190.2	197.2	193.7	194.9
66°	*2934.9*	*1805.8*	*392.1*	*187.8*	*174.8*	*176.0*	*185.4*	*185.4*	*192.5*	*183.1*	*181.9*
67.5°	2844.0	1713.7	329.5	168.9	160.6	167.7	177.2	178.3	181.9	173.6	174.8
70°	2513.3	1351.1	226.8	148.8	147.6	155.9	160.6	165.3	168.9	176.0	178.3
72.5°	1931.0	832.7	155.9	134.6	135.8	144.1	145.3	153.5	176.0	184.2	177.2
75°	1190.5	422.8	120.5	114.6	121.6	128.7	131.1	138.2	178.3	173.6	152.4
77.5°	576.4	193.7	95.7	95.7	100.4	108.7	109.8	115.7	160.6	126.4	111.0
80°	178.3	101.6	75.6	75.6	78.0	79.1	85.0	92.1	106.3	67.3	68.5
82.5°	73.2	68.5	57.9	54.3	48.4	48.4	48.4	60.2	54.3	28.3	10.6
85°	33.1	28.3	27.2	22.4	21.3	18.9	18.9	29.5	21.3	7.1	0.0
87.5°	3.5	3.5	3.5	3.5	2.4	1.2	1.2	1.2	1.2	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

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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

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

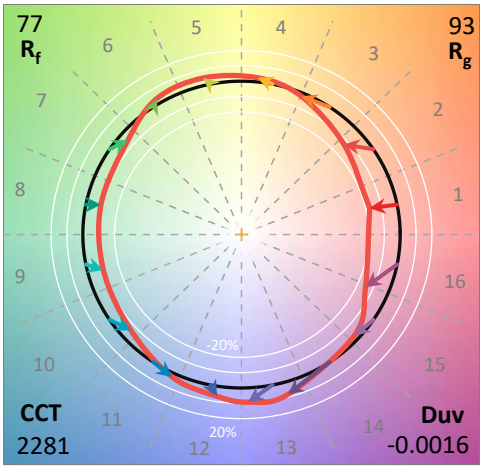
Test Information

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

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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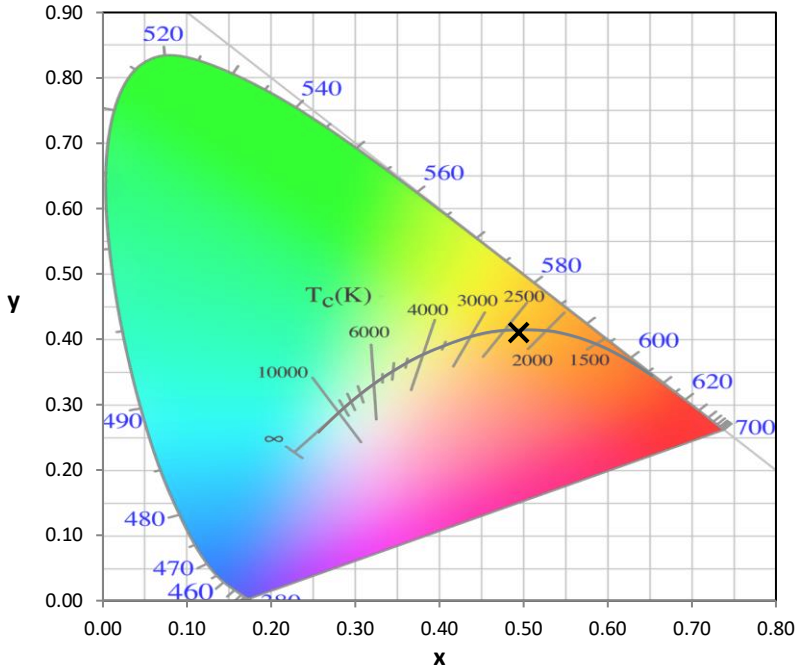
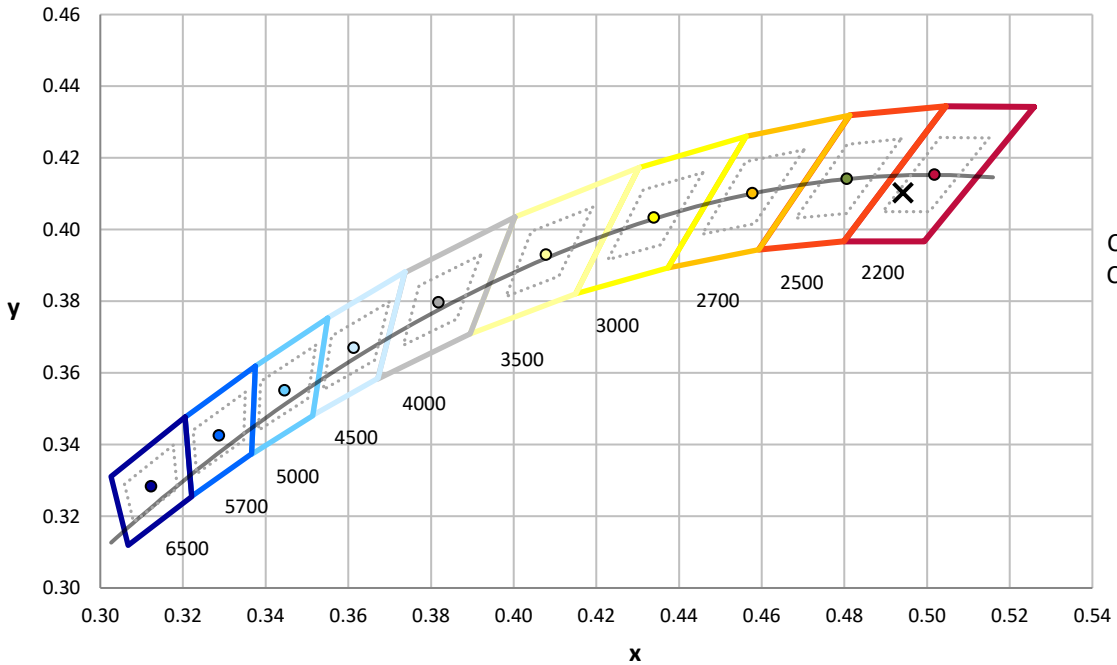
CIE 1931 Chromaticity Diagram



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

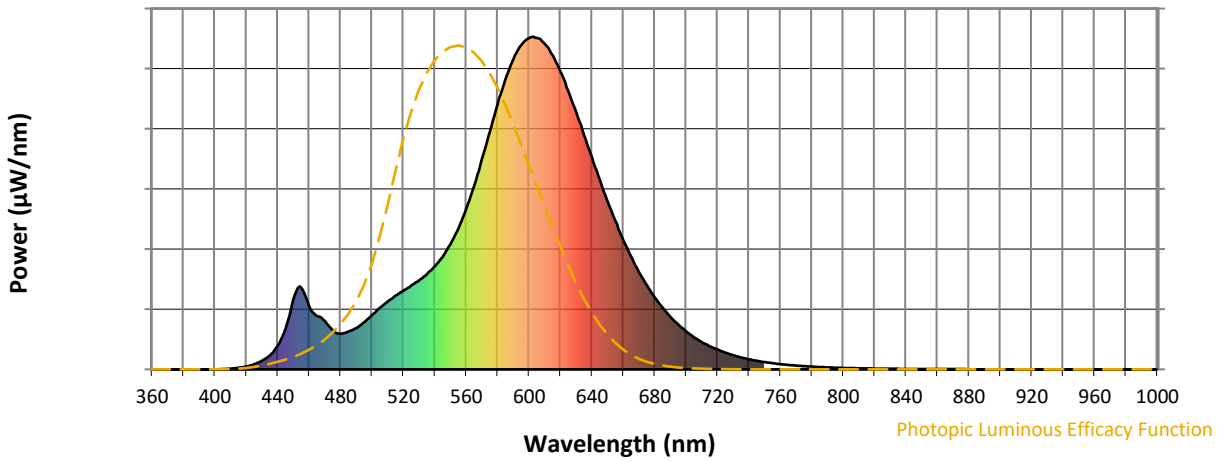


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

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	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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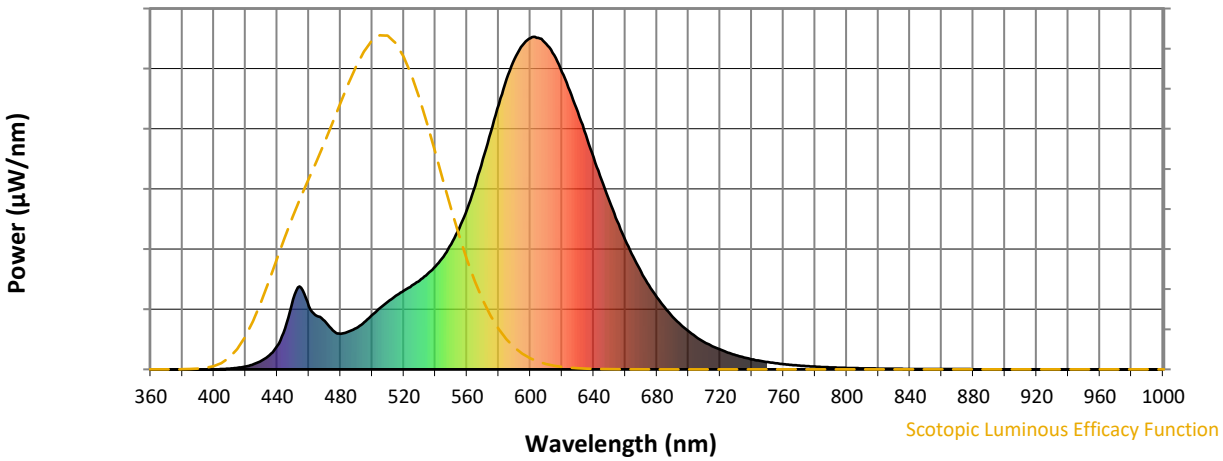
Scotopic Flux vs. Wavelength



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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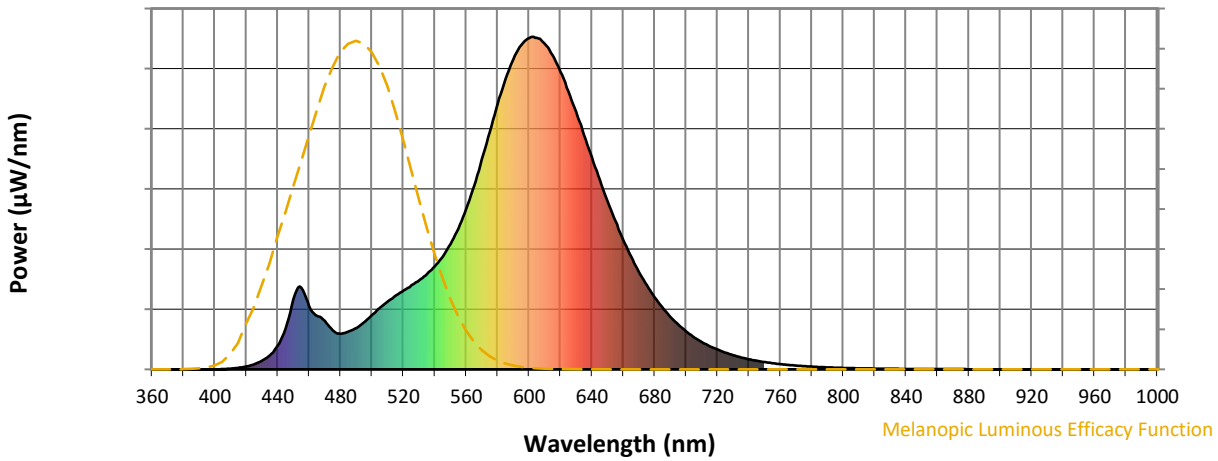
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.75**

λ (nm)	Power W^/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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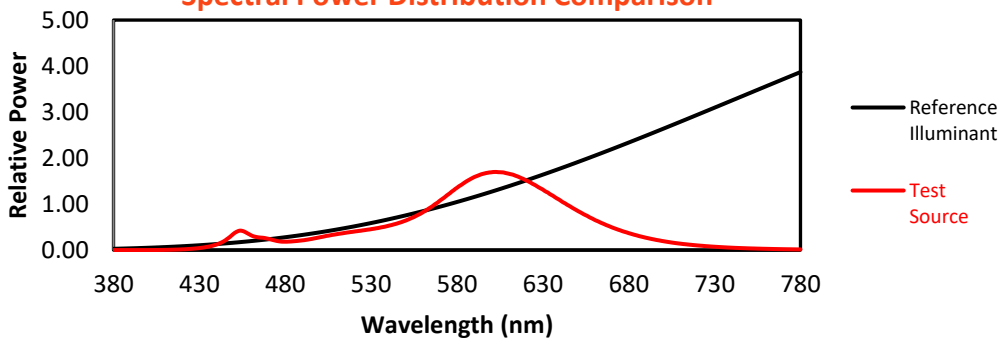
TM-30-18

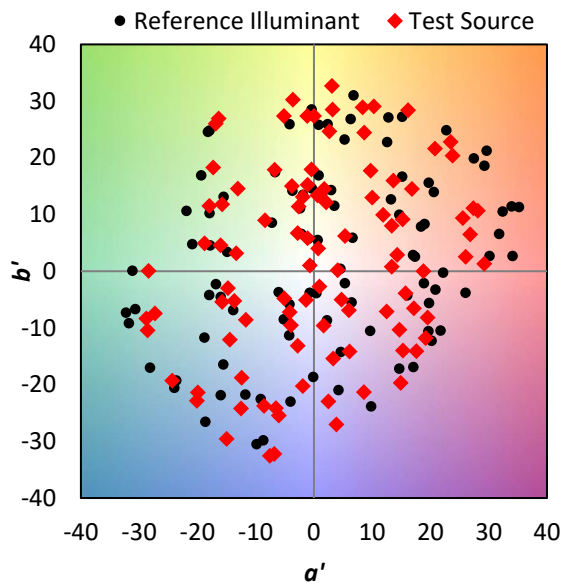
Summary

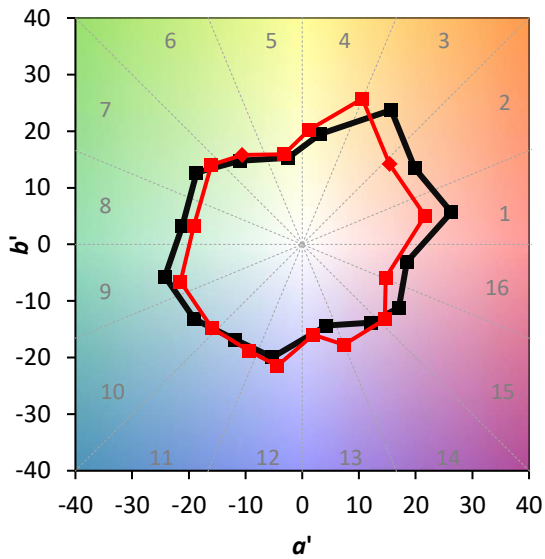
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

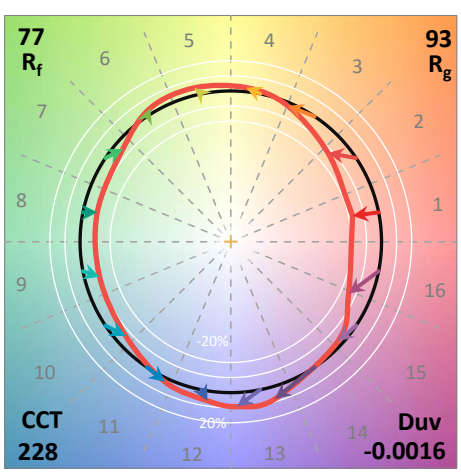
Spectral Power Distribution Comparison

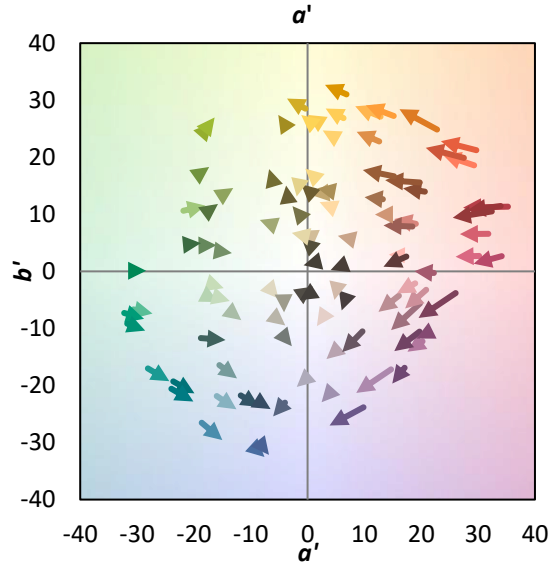


Color Vector Graphics



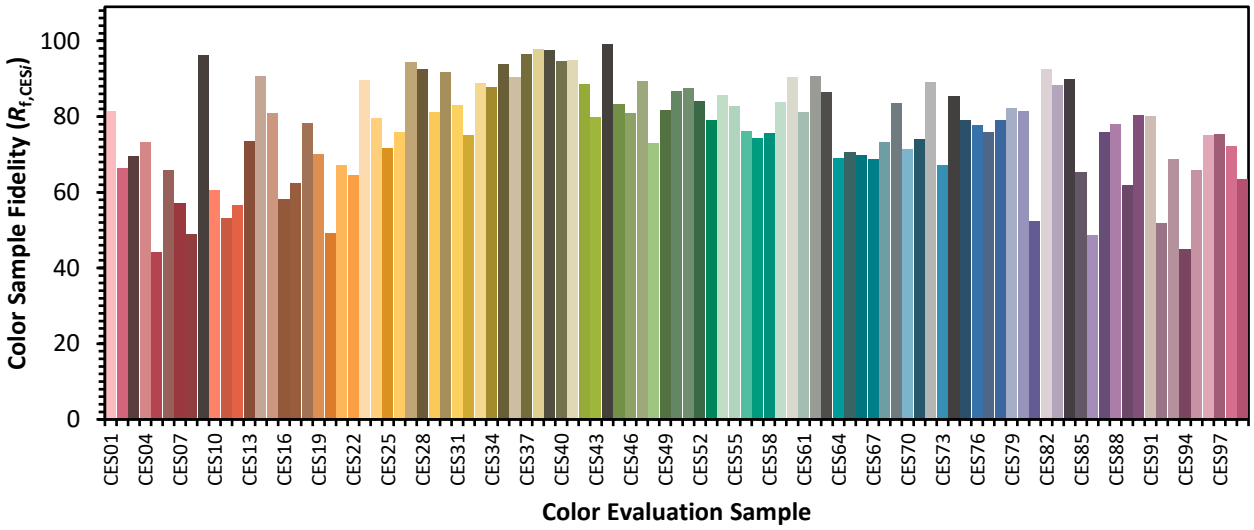




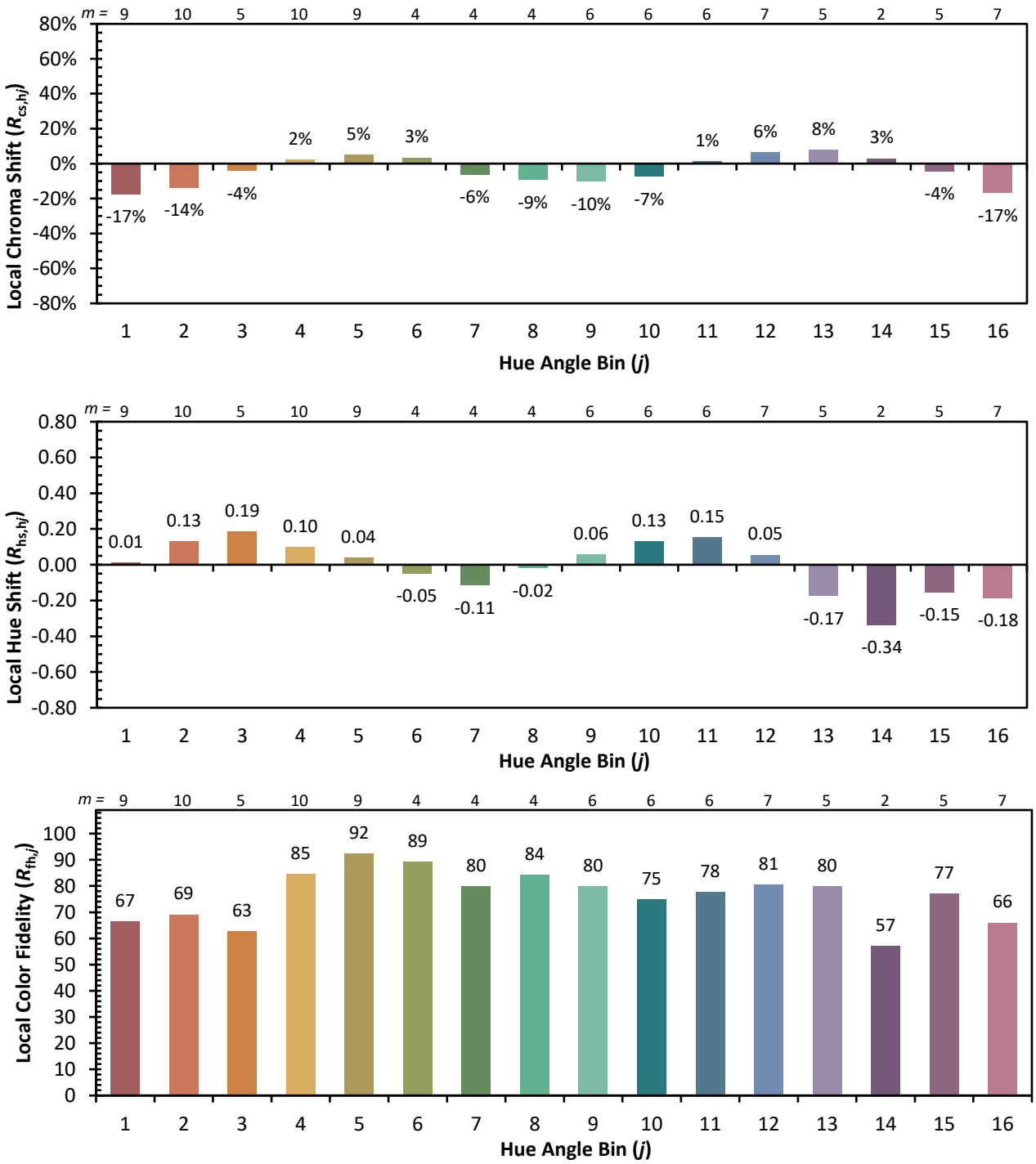


Individual Sample Fidelity Index ($R_{f,i}$)

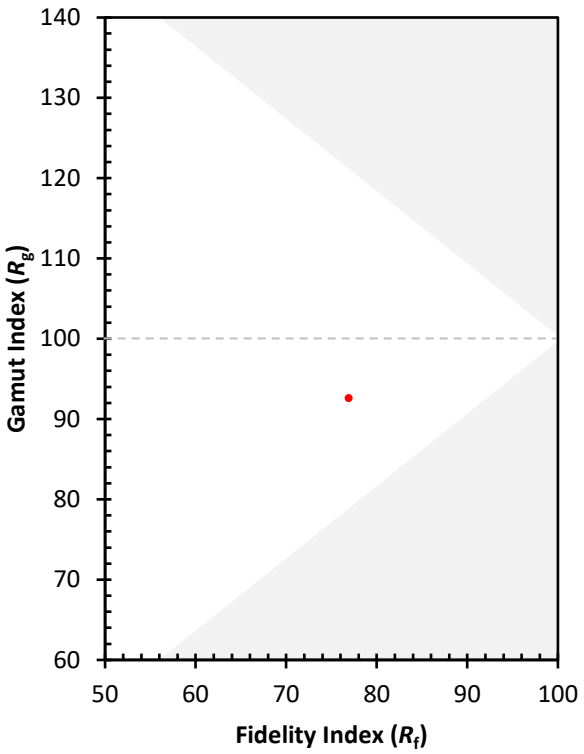
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82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

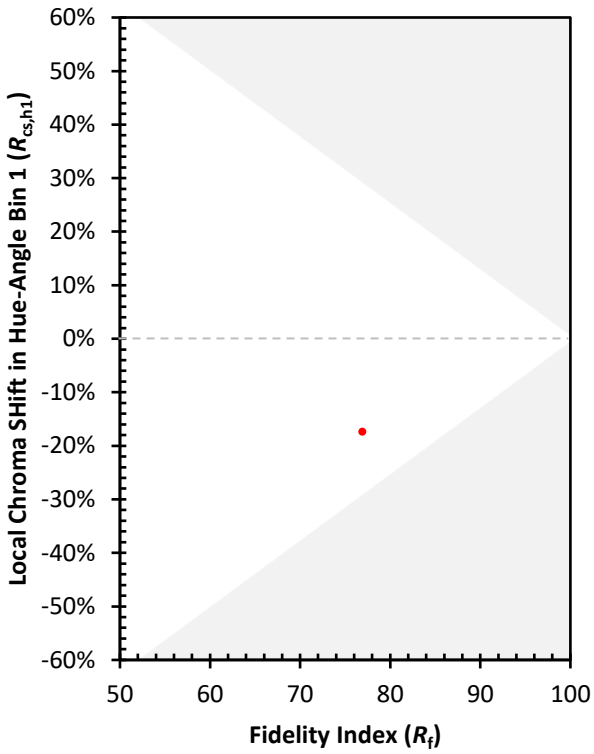


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)