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: P1461069

Luminaire Tested: PRV-PC1A-722-U-T4RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461069
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1A-722-U-T4RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 425MA 70CRI 2200K FIXTURE w/ TYPE IV ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7142.7 lumens
Efficiency:	N/A
Efficacy:	137.4 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2
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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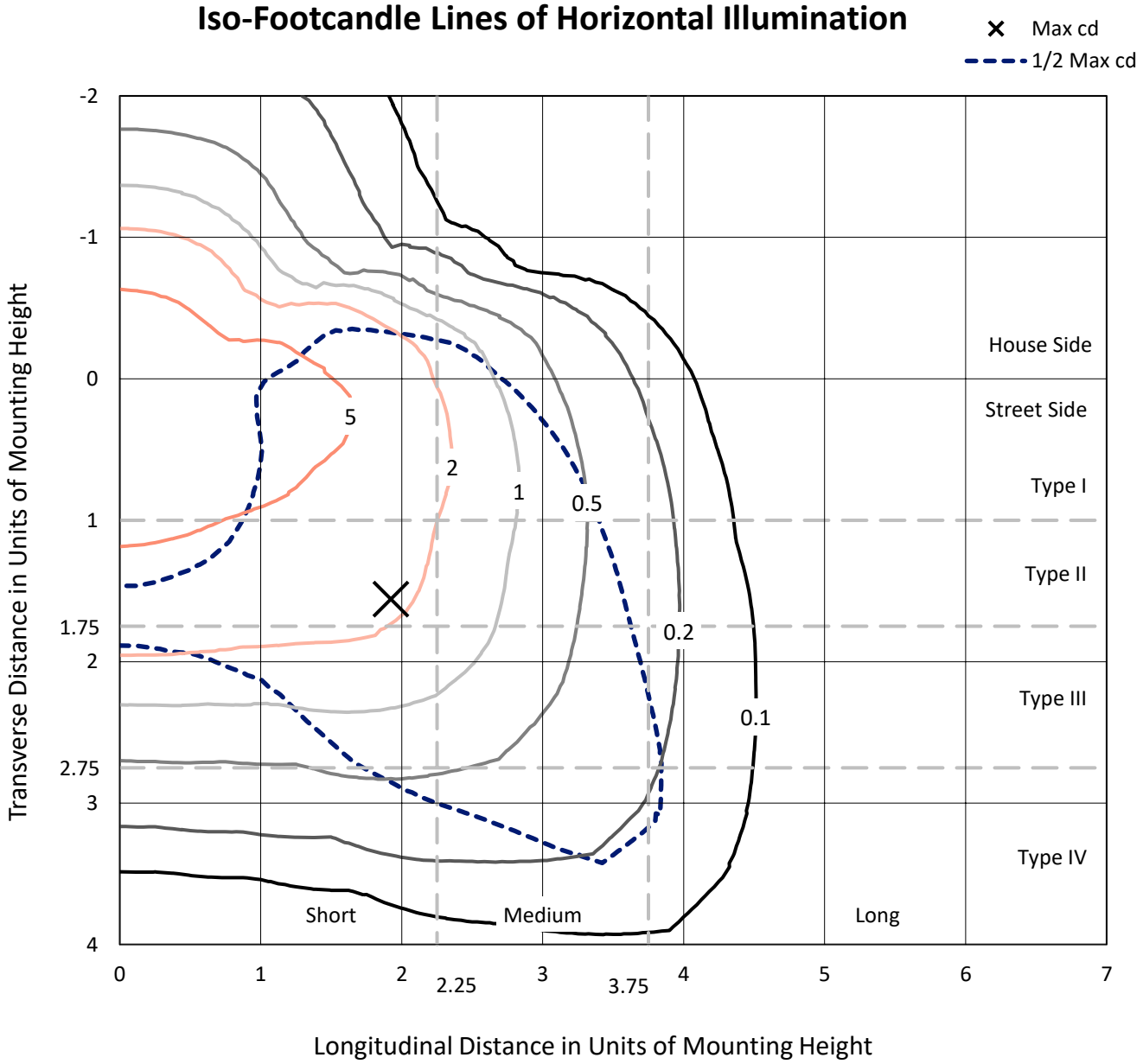
Scaled Data Report

REPORT NUMBER: P1461069
CATALOG NUMBER: PRV-PC1A-722-U-T4RE

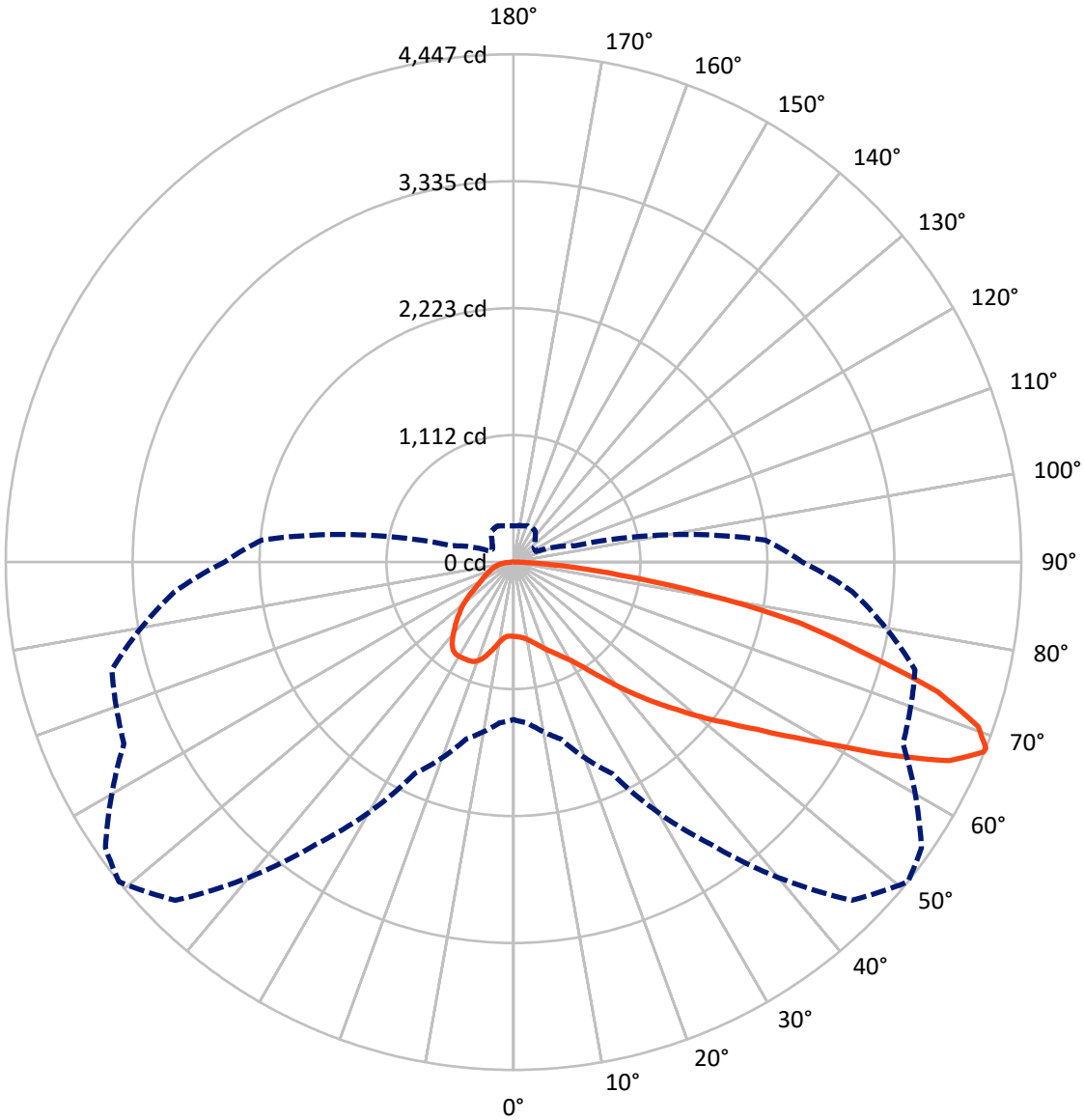
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 8.1 fc
Type IV - Short - N/A

REPORT NUMBER: P1461069
CATALOG NUMBER: PRV-PC1A-722-U-T4RE

Luminous Intensity Polar Plot



Vertical Plane Through 51-Deg Lateral Horizontal Cone Through 68-Deg Vertical

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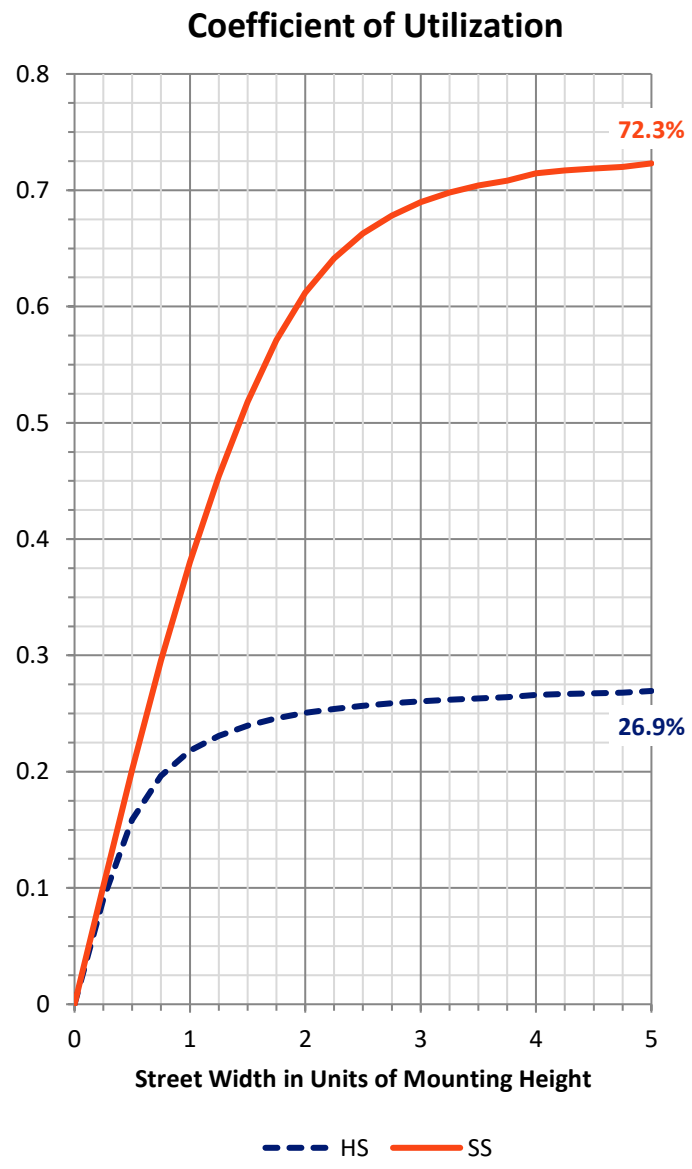
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1952.6	0.0	1952.6
	% Fixture	27.3	0.0	27.3
Street Side	Lumens	5190.0	0.0	5190.0
	% Fixture	72.7	0.0	72.7
Total	Lumens	7142.7	0.0	7142.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.3	0.9
10°-20°	224.4	3.1
20°-30°	432.4	6.1
30°-40°	691.9	9.7
40°-50°	1081.7	15.1
50°-60°	1557.9	21.8
60°-70°	1865.3	26.1
70°-80°	1064.4	14.9
80°-90°	160.2	2.2
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°	7142.7	100.0
0°-180°	7142.7	100.0

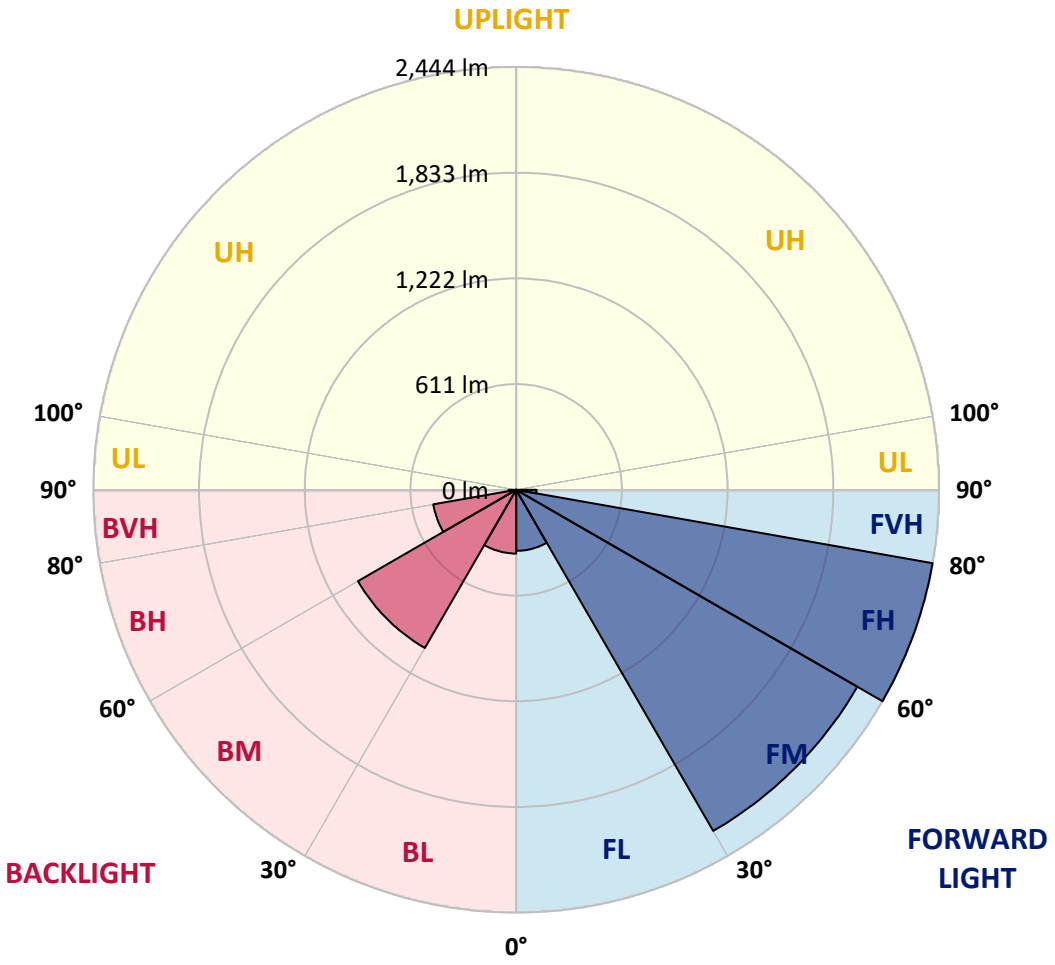


REPORT NUMBER: P1461069
CATALOG NUMBER: PRV-PC1A-722-U-T4RE

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	352.7	4.9			
FM	(30°-60°)	2276.2	31.9			
FH	(60°-80°)	2443.5	34.2			G2/5000
FVH	(80°-90°)	117.6	1.6			G2/225
BL	(0°-30°)	368.4	5.2	B1/500		
BM	(30°-60°)	1055.4	14.8	B2/2500		
BH	(60°-80°)	486.3	6.8	B1/500		G1/500
BVH	(80°-90°)	42.6	0.6			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°	45°	51°	55°	65°	75°	85°
0°	650.5	650.5	650.5	650.5	650.5	650.5	*650.5*	650.5	650.5	650.5	650.5
2.5°	657.5	657.1	655.8	657.8	655.8	655.5	*653.8*	654.8	652.1	652.5	652.5
5°	669.1	668.4	668.1	667.1	664.8	664.4	*661.1*	662.8	660.4	658.8	656.8
7.5°	689.1	687.7	685.4	683.1	679.1	674.8	*672.1*	673.8	670.8	668.8	666.1
10°	720.0	718.7	714.7	710.4	703.7	695.4	*689.7*	688.7	685.4	682.4	679.4
12.5°	754.9	753.6	750.9	746.0	734.6	723.0	*714.3*	712.0	704.0	699.7	698.7
15°	786.9	784.6	784.6	777.9	768.6	754.9	*744.3*	740.6	727.0	722.7	722.3
17.5°	811.8	809.5	809.2	807.2	798.2	785.9	*776.6*	772.9	759.9	752.3	753.6
20°	841.8	839.5	838.8	837.5	832.1	820.8	*814.5*	811.5	795.5	785.2	790.5
22.5°	885.0	883.4	880.4	874.4	867.1	860.1	*852.1*	851.1	838.1	829.5	840.1
25°	935.9	931.9	930.6	921.0	911.7	901.7	*895.0*	896.3	884.4	877.0	891.0
27.5°	999.5	994.8	990.5	980.9	963.2	953.6	*945.9*	947.3	935.6	935.3	961.9
30°	1071.0	1069.7	1061.7	1047.7	1025.8	1013.8	*1002.2*	1004.8	998.8	1002.8	1047.4
32.5°	1151.9	1152.2	1141.9	1125.9	1103.3	1088.0	*1079.3*	1080.7	1084.7	1103.3	1156.9
35°	1255.0	1249.0	1249.4	1231.1	1197.8	1184.5	*1181.2*	1183.2	1197.1	1259.7	1325.6
37.5°	1368.8	1363.8	1363.8	1350.2	1318.2	1295.6	*1302.3*	1307.9	1356.2	1472.9	1542.8
40°	1491.2	1484.3	1495.6	1490.9	1453.7	1446.0	*1442.3*	1462.3	1550.1	1711.2	1806.0
42.5°	1582.4	1583.4	1590.1	1597.1	1578.1	1587.7	*1596.7*	1619.7	1748.1	1972.7	2068.2
45°	1668.3	1668.9	1674.6	1685.2	1692.5	1719.2	*1759.4*	1792.4	1967.7	2201.3	2303.1
47.5°	1760.1	1756.8	1766.1	1792.4	1802.7	1871.9	*1931.4*	1989.0	2162.3	2428.2	2523.3
50°	1858.6	1858.9	1868.9	1903.5	1935.8	2041.9	*2131.4*	2195.0	2374.6	2655.1	2725.0
52.5°	2006.3	1993.7	2003.3	2028.6	2081.5	2224.6	*2338.0*	2411.9	2587.2	2870.0	2944.9
55°	2171.3	2173.7	2188.0	2205.3	2277.8	2457.5	*2583.6*	2667.7	2818.5	3129.6	3201.1
57.5°	2329.7	2317.4	2357.0	2412.9	2496.7	2747.6	*2895.0*	2960.9	3070.3	3440.3	3484.2
60°	2370.3	2373.3	2441.8	2585.6	2768.9	3119.6	*3260.3*	3293.3	3392.4	3833.3	3723.5
62.5°	2188.0	2196.9	2353.7	2640.5	3018.4	3549.8	*3727.5*	3729.5	3743.4	4019.9	3736.1
65°	1786.0	1804.7	2015.9	2443.2	3130.2	3972.0	*4193.3*	4177.0	3893.5	3950.0	3505.2
67.5°	1446.0	1470.0	1664.3	2125.1	3044.7	4185.3	*4441.5*	4358.6	3806.3	3718.8	3080.0
68°	*1379.5*	*1412.7*	*1603.7*	*2041.9*	*3017.8*	*4188.6*	*4446.8*	*4362.0*	*3763.7*	*3641.3*	*2978.8*
70°	1147.9	1183.2	1365.8	1816.0	2907.0	4075.5	*4318.0*	4248.2	3534.1	3272.6	2577.9
72.5°	720.0	741.3	959.2	1446.3	2649.1	3660.9	*3885.5*	3868.2	3163.8	2675.7	1954.1
75°	309.1	319.4	476.1	872.7	2041.6	3091.6	*3156.8*	3168.5	2508.7	1893.8	1237.7
77.5°	202.6	203.0	220.3	386.0	1235.7	2480.4	*2564.6*	2371.0	1682.2	1008.8	579.3
80°	170.4	169.7	168.7	185.0	547.0	1667.3	*1709.2*	1516.9	855.8	409.2	199.3
82.5°	144.1	140.7	133.8	138.7	213.3	851.8	*946.6*	832.1	392.9	147.7	89.5
85°	101.1	97.5	88.2	95.5	107.8	370.6	*421.9*	366.7	139.4	86.2	52.9
87.5°	43.6	36.6	37.9	44.9	48.2	110.5	*115.8*	81.5	47.6	35.6	21.3
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: P1461069
CATALOG NUMBER: PRV-PC1A-722-U-T4RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5
2.5°	651.1	651.1	650.1	649.8	648.5	648.5	646.8	646.8	647.1	645.8	646.1
5°	656.1	655.1	654.1	652.5	651.5	651.5	652.5	653.8	654.8	655.1	654.8
7.5°	664.4	664.4	663.8	663.4	666.1	671.4	678.1	681.7	689.4	691.7	694.4
10°	679.4	679.1	680.7	687.4	698.7	712.7	725.0	735.6	747.0	748.6	751.3
12.5°	696.7	700.7	709.7	726.7	749.3	767.9	786.2	803.2	813.2	819.8	818.2
15°	724.0	730.7	750.9	780.9	803.5	829.1	849.1	863.7	874.1	877.7	881.0
17.5°	759.9	771.6	803.2	837.8	864.1	883.4	897.7	901.7	906.3	908.3	909.7
20°	803.2	825.8	865.4	896.3	914.0	919.3	922.0	920.6	923.0	926.0	927.6
22.5°	857.1	887.0	931.3	946.6	942.9	934.9	933.6	935.6	941.3	942.9	945.6
25°	921.3	950.2	990.8	979.2	950.6	940.3	949.2	950.2	950.9	950.2	952.6
27.5°	996.2	1025.1	1037.8	984.8	947.3	951.9	959.6	948.9	935.6	926.6	929.3
30°	1078.3	1099.3	1067.4	975.5	948.6	958.2	946.3	911.7	890.0	878.0	879.7
32.5°	1184.1	1183.2	1080.3	970.9	957.2	942.6	897.7	858.4	833.1	818.8	819.5
35°	1318.6	1279.6	1090.7	984.2	955.2	900.7	848.1	805.8	785.9	774.2	775.6
37.5°	1497.6	1389.4	1113.6	1003.5	922.0	847.8	796.5	771.2	760.9	752.6	754.6
40°	1731.5	1540.8	1182.2	1007.8	860.1	786.9	766.3	753.6	743.6	734.3	737.6
42.5°	1930.1	1695.5	1315.9	977.2	782.9	739.0	746.3	736.6	721.3	704.7	706.4
45°	2128.1	1833.3	1473.9	910.7	703.7	703.4	720.3	706.0	684.7	659.1	659.8
47.5°	2294.8	1968.4	1633.3	829.5	631.5	658.1	679.4	660.4	625.2	593.2	590.2
50°	2447.5	2121.8	1766.4	738.0	569.9	602.2	613.5	581.6	553.6	535.3	533.7
52.5°	2611.2	2304.1	1872.9	657.1	503.4	524.7	534.3	524.4	512.4	501.4	499.1
55°	2821.8	2542.0	1984.0	600.2	432.5	452.5	472.1	489.1	481.8	476.1	472.8
57.5°	3070.3	2844.8	2018.6	527.0	369.7	389.6	438.9	464.8	459.2	455.2	453.8
60°	3257.3	3061.7	1824.0	409.6	318.4	349.4	417.9	447.2	435.5	425.2	422.2
62.5°	3250.3	3005.5	1418.4	310.8	284.1	322.4	396.6	419.9	402.3	392.9	388.9
65°	3006.8	2741.9	998.8	257.5	253.5	296.5	368.0	386.0	369.7	358.7	356.7
67.5°	2625.8	2336.0	620.2	223.6	226.9	269.5	337.7	354.7	335.4	325.4	326.1
68°	*2530.3*	*2212.3*	*551.0*	*216.6*	*220.9*	*265.5*	*331.4*	*346.0*	*328.4*	*319.1*	*318.4*
70°	2162.3	1827.3	364.0	197.3	202.6	246.5	307.8	318.4	303.8	296.1	294.5
72.5°	1597.4	1239.0	209.9	174.3	181.7	222.9	275.8	286.8	284.1	286.1	289.5
75°	987.8	715.3	155.0	154.0	161.7	203.6	249.9	270.2	276.2	285.5	287.8
77.5°	471.5	345.0	128.1	133.1	142.7	179.3	227.2	259.2	259.9	261.2	262.8
80°	155.4	131.8	108.1	109.5	123.4	157.7	205.6	228.9	213.3	209.3	204.3
82.5°	82.2	84.8	87.2	88.2	102.8	130.1	161.4	169.4	155.7	109.5	108.1
85°	47.9	50.6	55.9	60.6	70.5	89.8	116.5	116.8	99.2	48.9	42.9
87.5°	16.0	19.3	19.0	22.6	26.6	35.9	49.2	50.9	40.9	17.0	9.6
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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Peachtree City, GA 30269

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

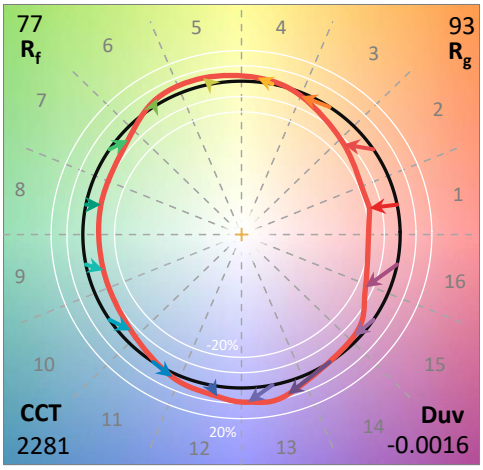
Test Information

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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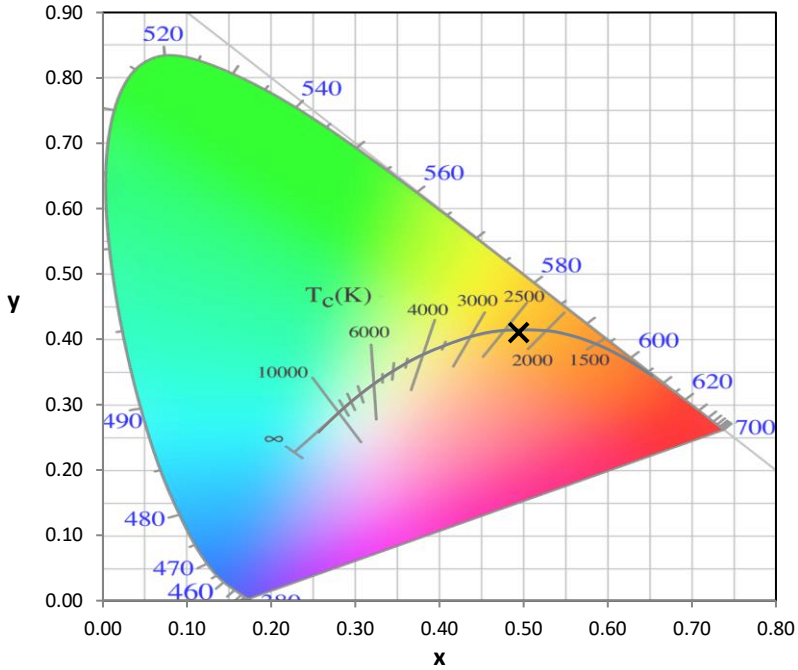
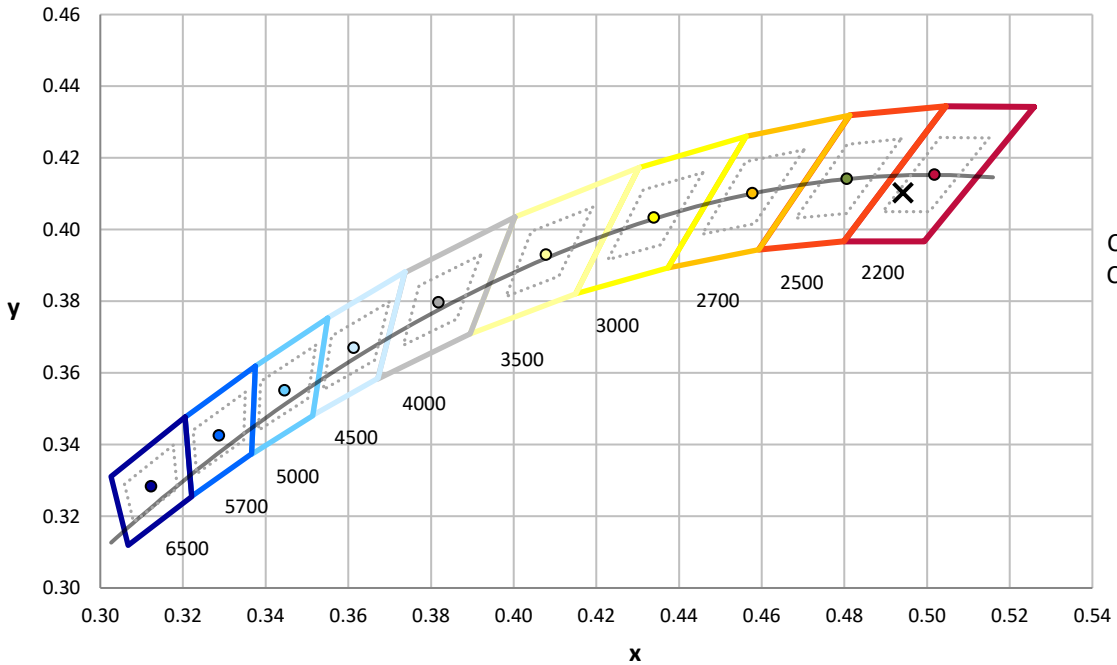
CIE 1931 Chromaticity Diagram



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

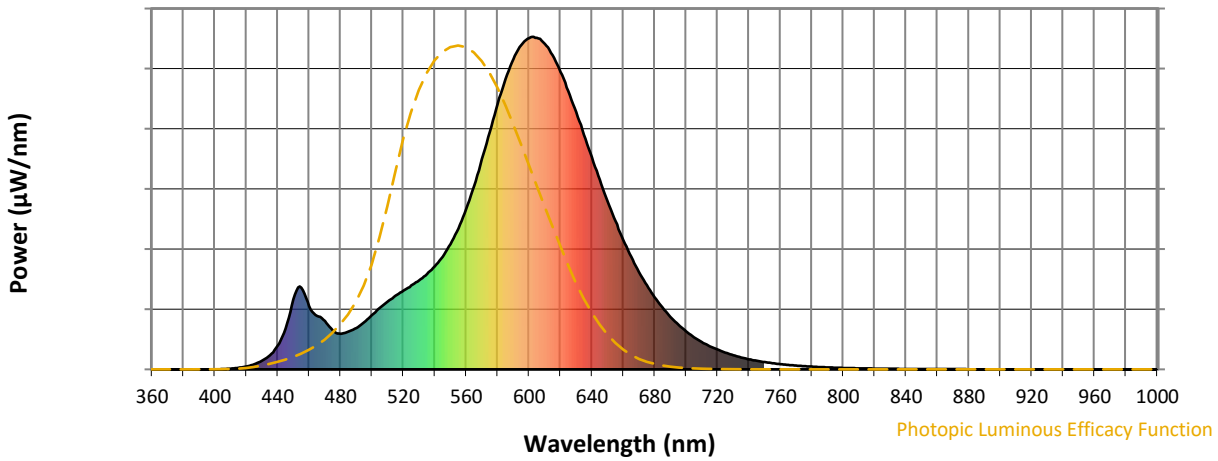


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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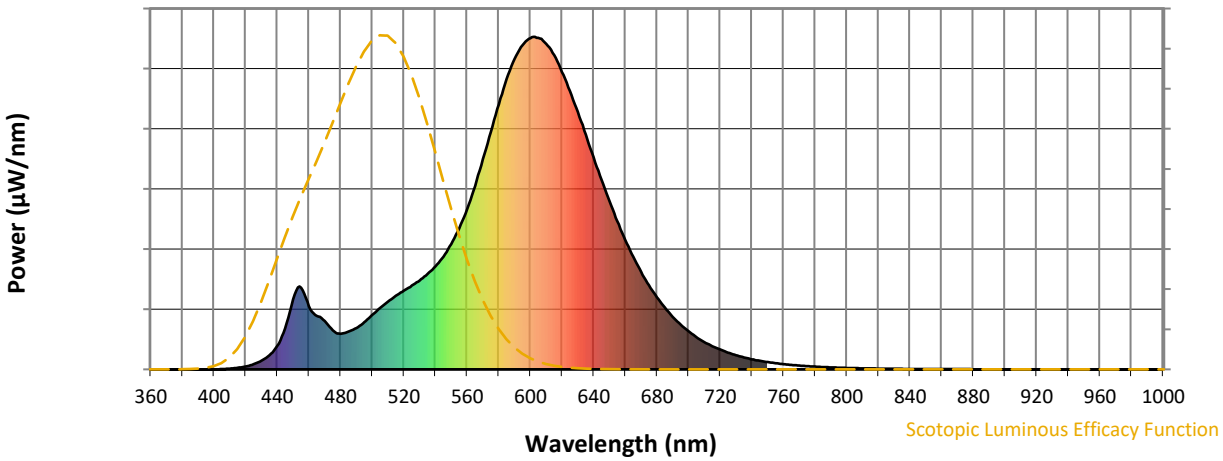
Scotopic Flux vs. Wavelength



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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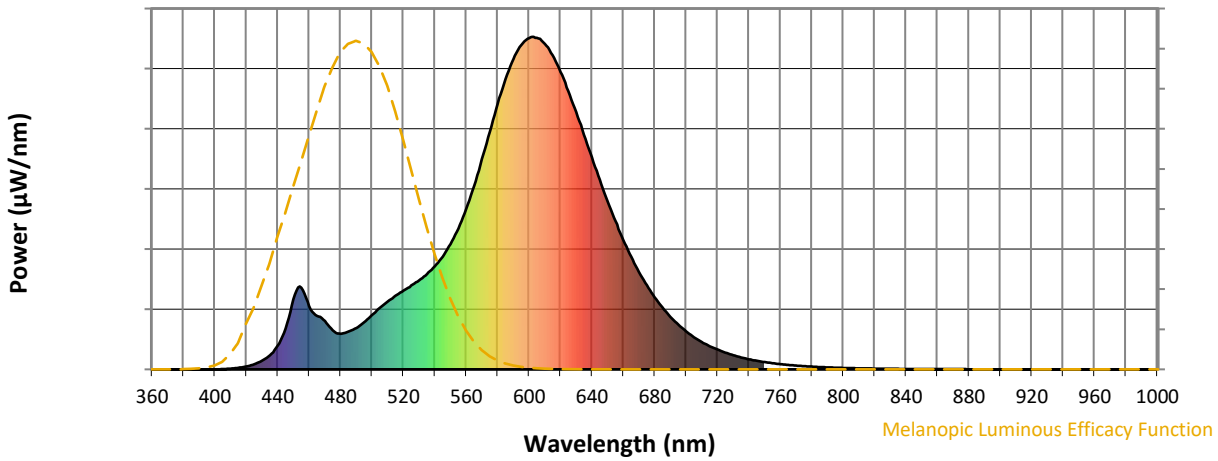
Melanopic Flux vs. Wavelength



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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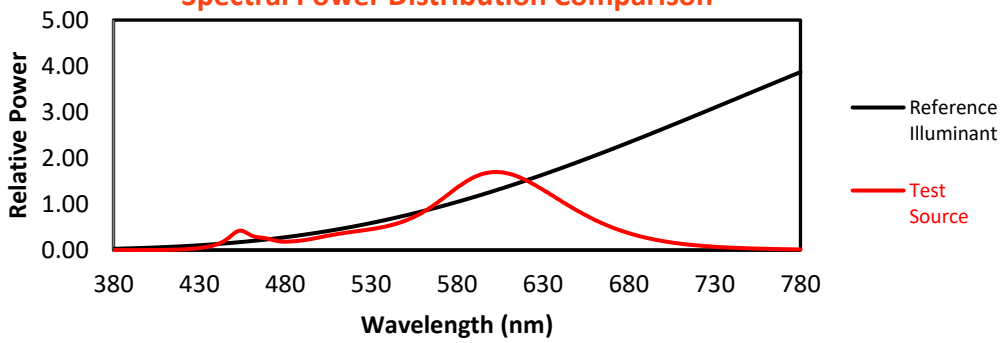
TM-30-18

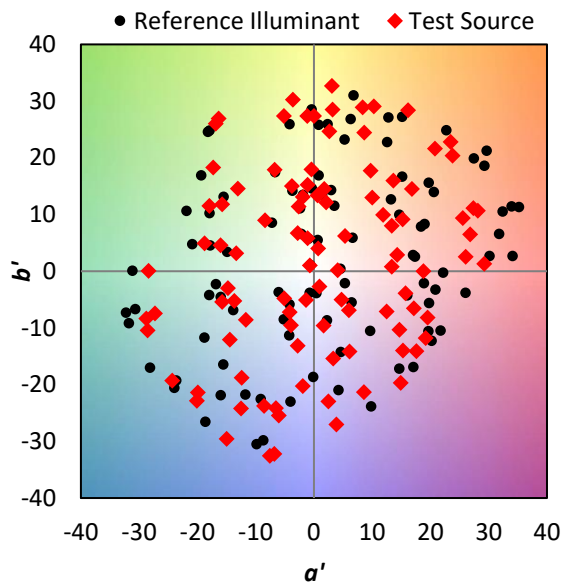
Summary

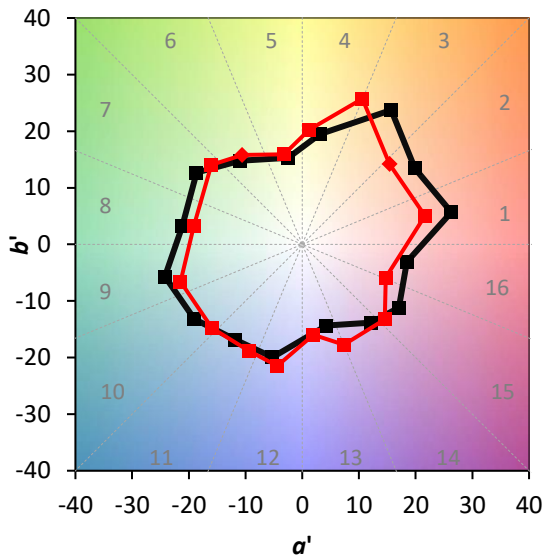
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

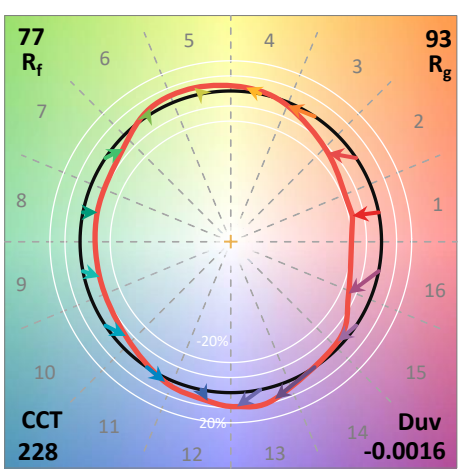
Spectral Power Distribution Comparison

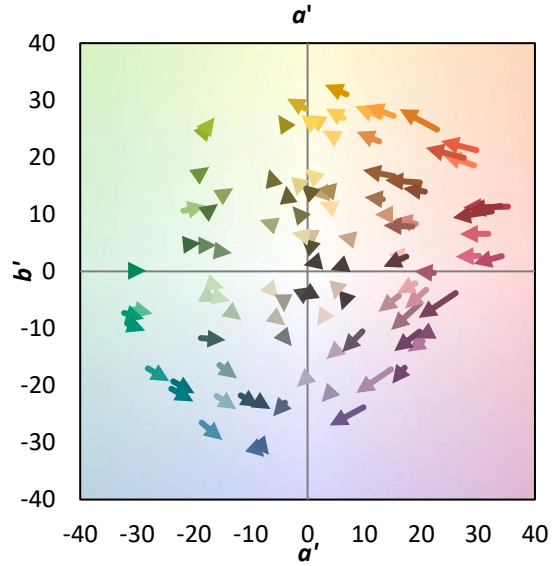


Color Vector Graphics



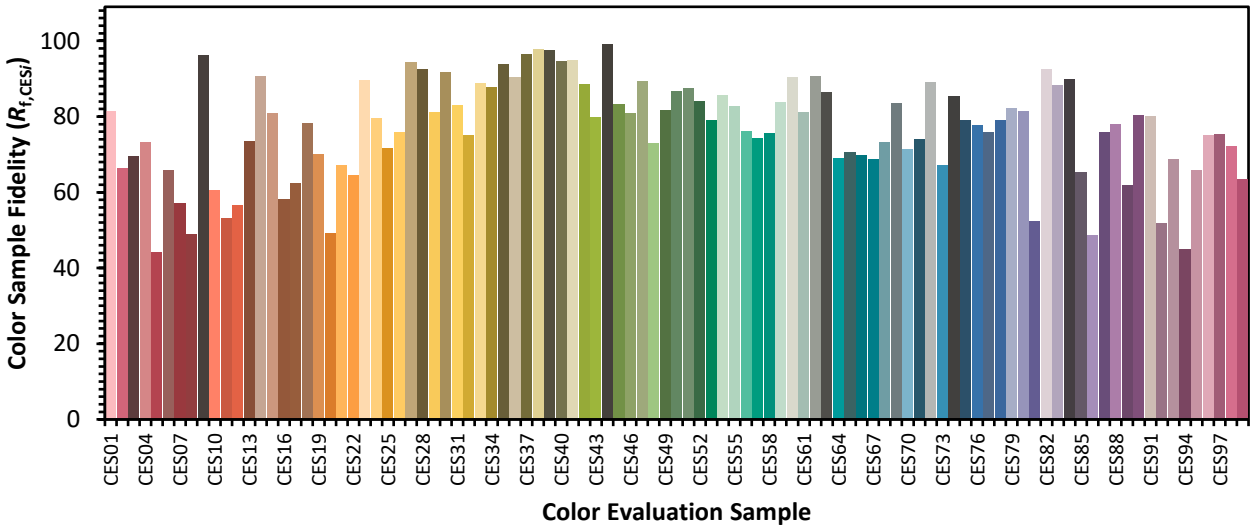




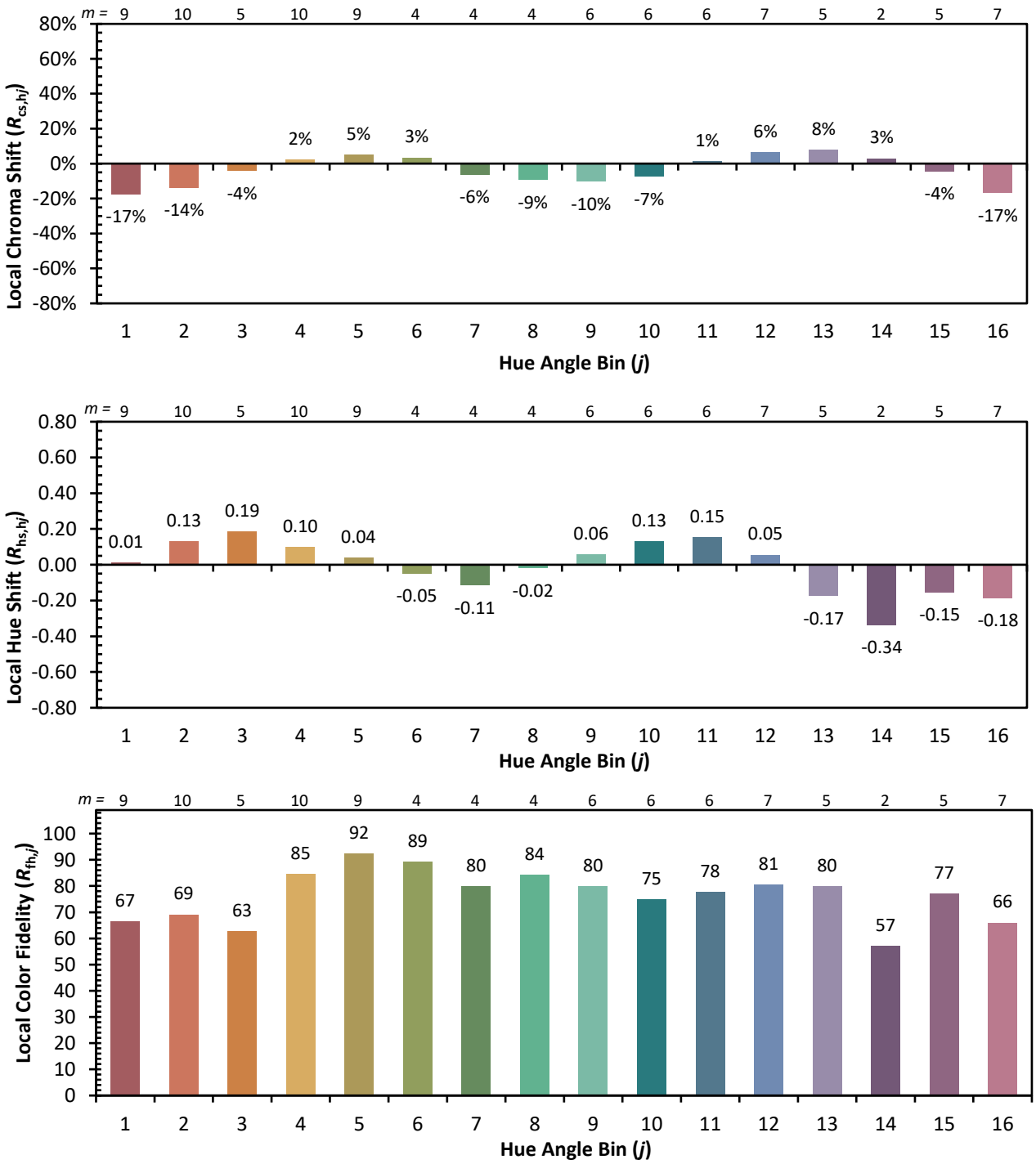


Individual Sample Fidelity Index ($R_{f,i}$)

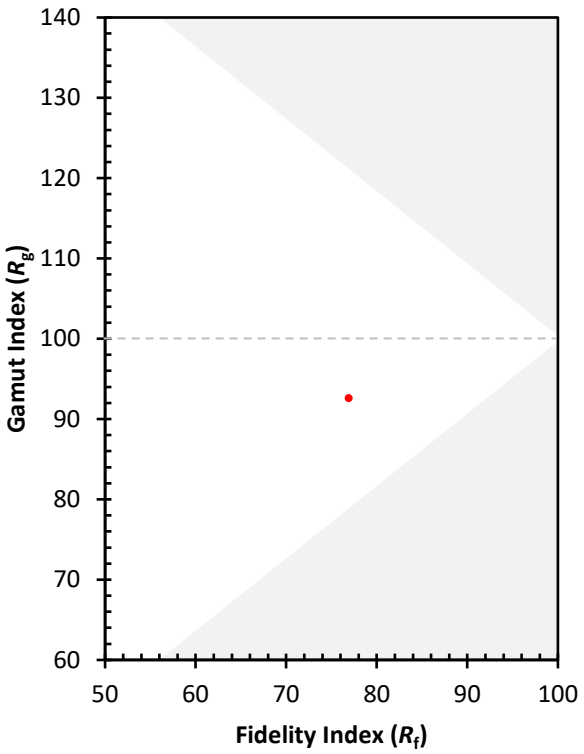
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82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

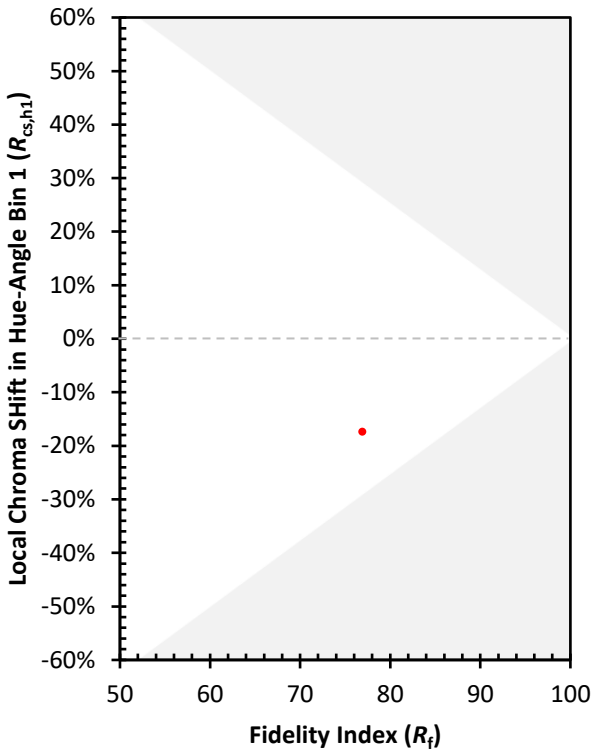


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)