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: P1460821

Luminaire Tested: PRV-P-PB2D-740-U-5WQ

Issue Date: 06/09/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460821
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/9/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2D-740-U-5WQ
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 695MA 70CRI 4000K FIXTURE w/ TYPE V SQUARE WIDE DISTRIBUTION OPTIC
Light Source:	(20) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12449.9 lumens
Efficiency:	N/A
Efficacy:	131.7 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type V - Short
BUG Rating:	B4 - 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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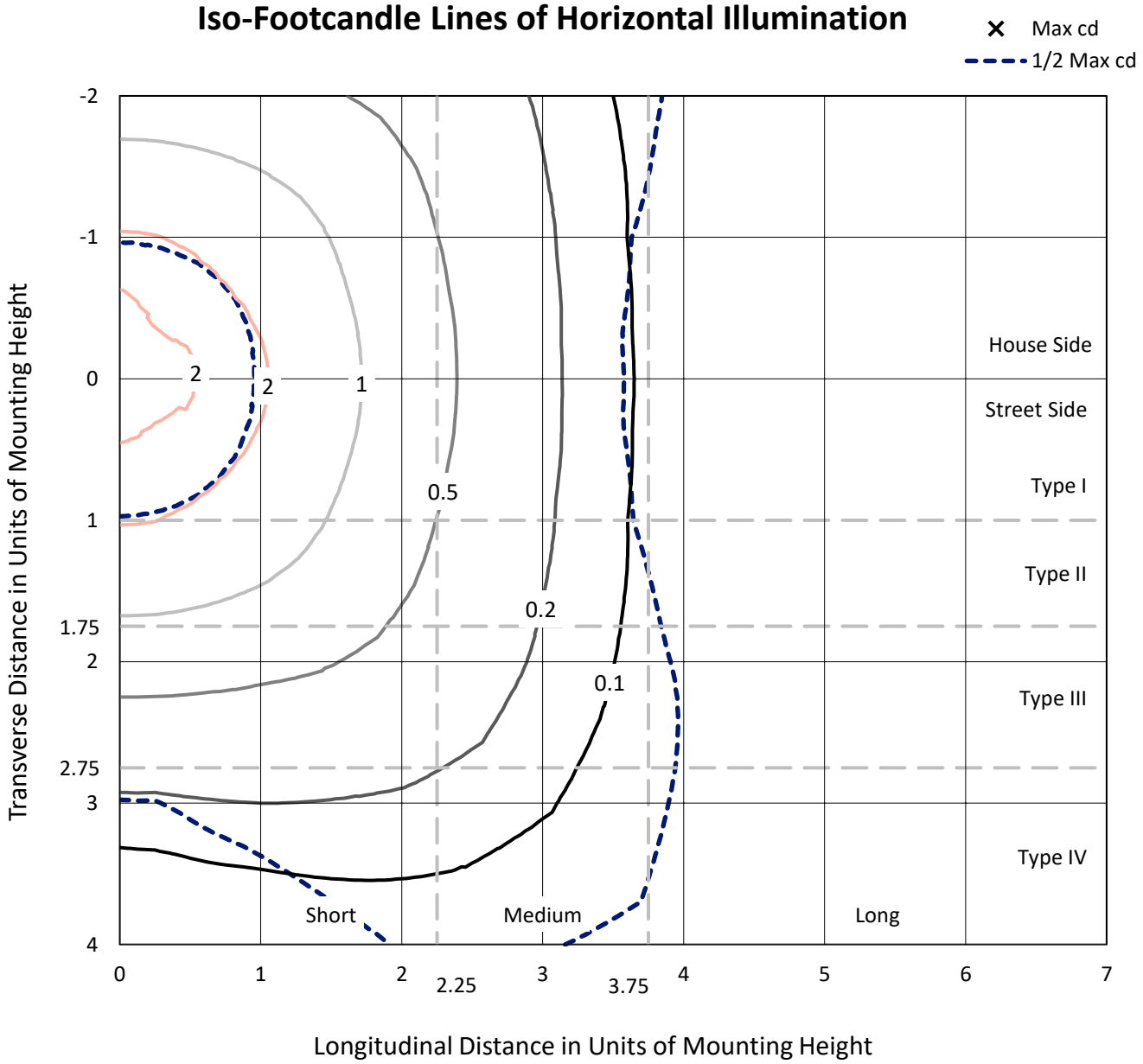
Scaled Data Report

REPORT NUMBER: P1460821
CATALOG NUMBER: PRV-P-PB2D-740-U-5WQ

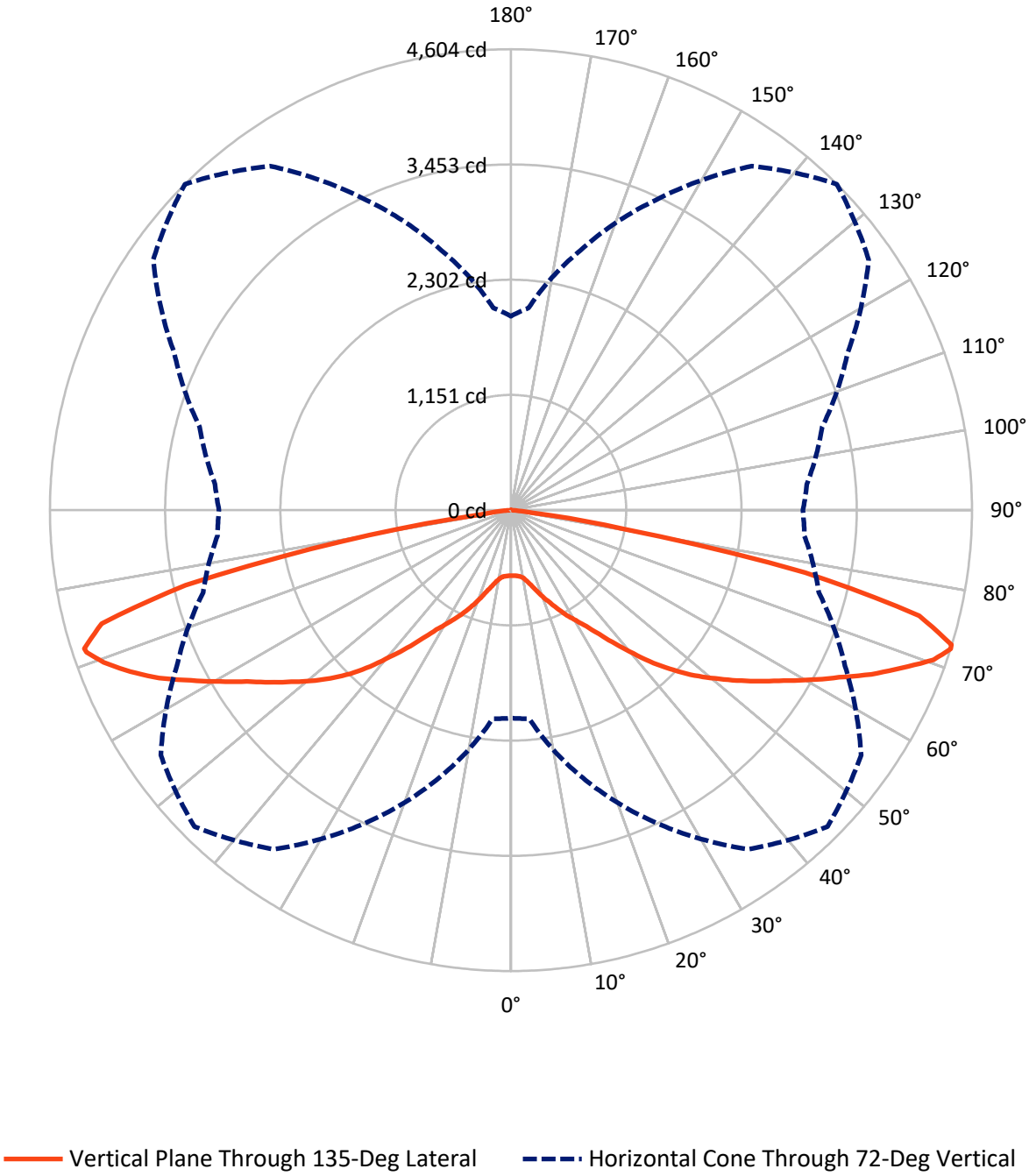
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 2.2 fc
Type V - Short - N/A

REPORT NUMBER: P1460821
CATALOG NUMBER: PRV-P-PB2D-740-U-5WQ

Luminous Intensity Polar Plot



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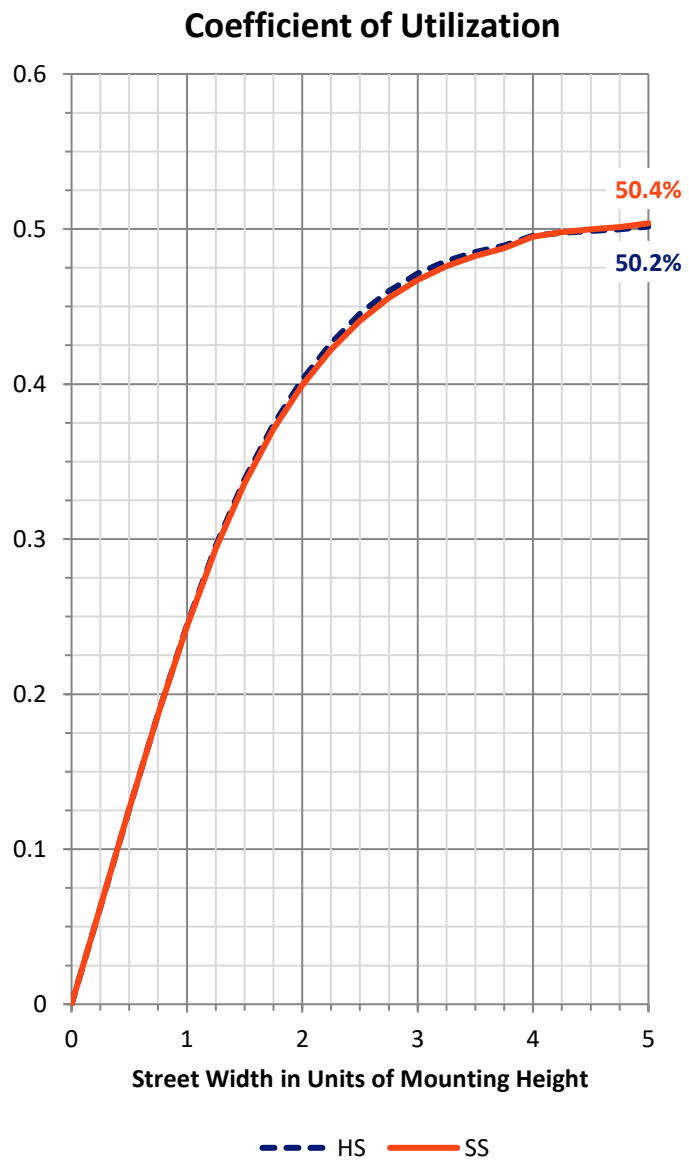
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6198.9	0.0	6198.9
	% Fixture	49.8	0.0	49.8
Street Side	Lumens	6251.0	0.0	6251.0
	% Fixture	50.2	0.0	50.2
Total	Lumens	12449.9	0.0	12449.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.8	0.5
10°-20°	228.2	1.8
20°-30°	503.6	4.0
30°-40°	986.4	7.9
40°-50°	1790.1	14.4
50°-60°	2630.3	21.1
60°-70°	3469.5	27.9
70°-80°	2632.7	21.1
80°-90°	145.3	1.2
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°	12449.9	100.0
0°-180°	12449.9	100.0

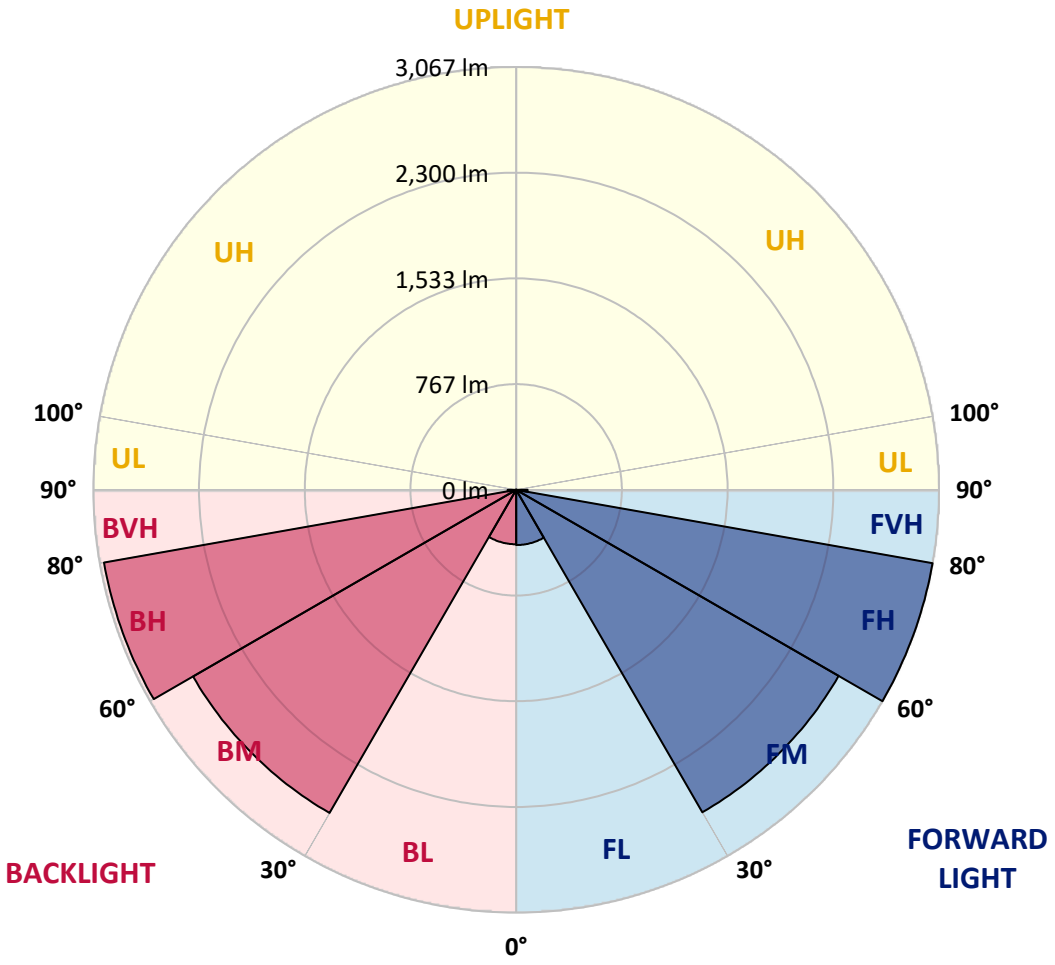


REPORT NUMBER: P1460821
CATALOG NUMBER: PRV-P-PB2D-740-U-5WQ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	400.6	3.2			
FM	(30°-60°)	2700.5	21.7			
FH	(60°-80°)	3066.7	24.6			G2/5000
FVH	(80°-90°)	83.2	0.7			G1/100
BL	(0°-30°)	395.0	3.2	B1/500		
BM	(30°-60°)	2706.2	21.7	B3/5000		
BH	(60°-80°)	3035.5	24.4	B4/5000		G2/5000
BVH	(80°-90°)	62.1	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2
Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	654.0	654.0	654.0	654.0	654.0	654.0	654.0	654.0	654.0	654.0	654.0
2.5°	655.9	657.8	657.8	657.8	657.8	655.9	655.9	655.9	654.0	654.0	655.9
5°	661.5	661.5	663.4	663.4	661.5	661.5	659.7	657.8	655.9	654.0	655.9
7.5°	674.7	671.0	672.8	672.8	671.0	669.1	667.2	663.4	663.4	663.4	663.4
10°	699.2	699.2	699.2	697.3	697.3	693.6	689.8	686.0	689.8	689.8	691.7
12.5°	744.5	744.5	744.5	742.6	736.9	735.0	731.3	725.6	727.5	729.4	727.5
15°	802.9	802.9	802.9	797.2	799.1	791.6	784.0	778.4	780.3	780.3	778.4
17.5°	874.5	872.6	870.7	865.1	865.1	857.5	848.1	838.7	834.9	833.0	833.0
20°	940.5	936.7	942.4	942.4	948.0	942.4	925.4	906.5	897.1	891.5	891.5
22.5°	997.0	1004.6	1006.4	1017.7	1030.9	1030.9	1004.6	981.9	961.2	949.9	948.0
25°	1079.9	1083.7	1087.5	1093.1	1117.6	1119.5	1087.5	1059.2	1042.2	1042.2	1042.2
27.5°	1162.9	1162.9	1172.3	1183.6	1206.2	1210.0	1179.8	1147.8	1142.1	1138.4	1136.5
30°	1249.6	1249.6	1268.4	1287.3	1298.6	1302.3	1277.8	1253.3	1247.7	1242.0	1243.9
32.5°	1358.9	1368.3	1392.8	1411.7	1413.5	1407.9	1407.9	1387.2	1370.2	1381.5	1377.7
35°	1526.6	1530.4	1541.7	1553.0	1558.7	1553.0	1547.4	1539.8	1536.0	1541.7	1536.0
37.5°	1718.9	1722.6	1730.2	1718.9	1720.7	1722.6	1732.1	1739.6	1741.5	1741.5	1739.6
40°	1903.6	1914.9	1914.9	1907.3	1905.5	1897.9	1914.9	1935.6	1956.3	1960.1	1954.5
42.5°	2120.3	2114.7	2124.1	2109.0	2093.9	2101.5	2112.8	2137.3	2158.0	2173.1	2175.0
45°	2322.0	2325.7	2327.6	2293.7	2282.4	2291.8	2297.5	2318.2	2352.1	2374.7	2363.4
47.5°	2489.7	2491.6	2493.5	2474.6	2467.1	2463.3	2469.0	2476.5	2504.8	2519.9	2525.5
50°	2612.2	2619.8	2631.1	2623.5	2621.6	2625.4	2627.3	2634.8	2653.7	2663.1	2665.0
52.5°	2732.8	2740.4	2763.0	2753.6	2774.3	2785.6	2785.6	2776.2	2785.6	2791.3	2789.4
55°	2838.4	2845.9	2889.3	2898.7	2934.5	2959.0	2951.5	2911.9	2923.2	2910.0	2913.8
57.5°	2938.3	2949.6	3000.5	3034.4	3119.2	3143.7	3124.9	3064.6	3040.1	3036.3	3032.5
60°	2977.9	2991.0	3068.3	3192.7	3315.2	3373.6	3319.0	3204.0	3153.1	3139.9	3143.7
62.5°	2985.4	3002.4	3104.1	3292.6	3532.0	3620.5	3545.2	3368.0	3279.4	3258.7	3251.1
65°	2983.5	2996.7	3119.2	3385.0	3733.6	3893.8	3807.1	3560.2	3422.6	3394.4	3403.8
67.5°	2987.3	3006.1	3151.2	3452.8	3916.4	4129.4	4012.6	3735.5	3554.6	3496.2	3499.9
70°	2695.1	2793.2	3153.1	3537.6	4061.6	4342.4	4201.0	3816.6	3486.7	3313.3	3319.0
72°	*2077.0*	*2090.2*	*2766.8*	*3450.9*	*4135.1*	*4470.6*	*4268.9*	*3680.9*	*3183.3*	*2942.0*	*2915.7*
72.5°	1852.7	1941.3	2655.6	3411.3	4135.1	4480.0	4240.6	3607.4	3070.2	2855.3	2830.8
75°	1138.4	1232.6	1837.6	2795.0	3852.4	4242.5	3737.4	2955.2	2299.4	2060.0	2063.8
77.5°	467.4	508.9	1010.2	2142.9	2998.6	3334.1	2734.7	1956.3	1294.8	1078.1	1051.7
80°	107.4	115.0	169.6	712.4	1521.0	1718.9	1149.7	652.1	435.4	297.8	280.8
82.5°	56.5	60.3	77.3	139.5	209.2	288.4	254.4	184.7	201.7	169.6	164.0
85°	18.8	18.8	24.5	37.7	50.9	64.1	73.5	90.5	86.7	66.0	62.2
87.5°	1.9	1.9	3.8	5.7	5.7	5.7	5.7	3.8	3.8	3.8	1.9
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: P1460821
CATALOG NUMBER: PRV-P-PB2D-740-U-5WQ

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	654.0	654.0	654.0	654.0	*654.0*	654.0	654.0	654.0	654.0	654.0
2.5°	655.9	654.0	654.0	655.9	*655.9*	655.9	655.9	655.9	655.9	655.9
5°	655.9	655.9	654.0	655.9	*659.7*	659.7	659.7	659.7	657.8	657.8
7.5°	663.4	661.5	661.5	665.3	*669.1*	669.1	669.1	669.1	669.1	667.2
10°	689.8	687.9	686.0	691.7	*689.8*	689.8	693.6	693.6	691.7	693.6
12.5°	727.5	725.6	725.6	727.5	*731.3*	729.4	733.2	735.0	736.9	736.9
15°	778.4	772.7	772.7	778.4	*785.9*	787.8	784.0	789.7	789.7	789.7
17.5°	834.9	834.9	833.0	838.7	*853.8*	851.9	846.2	850.0	851.9	855.7
20°	891.5	895.2	900.9	917.9	*931.1*	923.5	919.7	919.7	912.2	914.1
22.5°	953.7	961.2	972.5	993.2	*1006.4*	1004.6	991.4	978.2	970.6	968.7
25°	1040.4	1038.5	1047.9	1074.3	*1095.0*	1087.5	1068.6	1053.6	1047.9	1046.0
27.5°	1136.5	1136.5	1140.3	1164.8	*1191.1*	1174.2	1155.3	1142.1	1128.9	1128.9
30°	1243.9	1234.5	1249.6	1266.5	*1277.8*	1266.5	1255.2	1230.7	1215.6	1210.0
32.5°	1374.0	1374.0	1366.4	1375.8	*1383.4*	1387.2	1374.0	1351.3	1338.2	1332.5
35°	1539.8	1534.2	1524.7	1524.7	*1521.0*	1530.4	1528.5	1524.7	1509.7	1509.7
37.5°	1743.4	1733.9	1715.1	1705.7	*1694.4*	1694.4	1713.2	1724.5	1718.9	1715.1
40°	1945.0	1946.9	1914.9	1890.4	*1882.8*	1888.5	1909.2	1939.4	1928.1	1913.0
42.5°	2175.0	2150.5	2109.0	2084.5	*2090.2*	2092.0	2114.7	2146.7	2144.8	2124.1
45°	2365.3	2333.3	2303.1	2282.4	*2278.6*	2299.4	2320.1	2346.5	2348.4	2348.4
47.5°	2510.4	2501.0	2465.2	2465.2	*2469.0*	2476.5	2497.3	2504.8	2495.4	2485.9
50°	2657.5	2642.4	2623.5	2634.8	*2642.4*	2651.8	2646.1	2640.5	2617.9	2604.7
52.5°	2785.6	2778.1	2774.3	2812.0	*2827.1*	2806.3	2787.5	2764.9	2738.5	2731.0
55°	2906.2	2915.7	2928.9	2996.7	*3013.7*	2983.5	2932.6	2904.4	2876.1	2866.7
57.5°	3026.9	3041.9	3083.4	3190.8	*3213.4*	3156.9	3081.5	3025.0	2983.5	2981.6
60°	3128.6	3156.9	3234.2	3394.4	*3441.5*	3354.8	3226.6	3119.2	3062.7	3057.0
62.5°	3256.8	3288.8	3405.7	3611.1	*3679.0*	3581.0	3360.5	3190.8	3104.1	3096.6
65°	3396.3	3445.3	3597.9	3867.4	*3954.1*	3792.1	3469.8	3258.7	3153.1	3149.4
67.5°	3509.3	3588.5	3792.1	4104.9	*4206.7*	4023.9	3590.4	3343.5	3211.6	3192.7
70°	3330.3	3509.3	3882.5	4323.5	*4478.1*	4180.3	3622.4	3170.1	2755.5	2680.1
72°	*2966.5*	*3219.1*	*3709.1*	*4361.2*	*4604.4*	*4195.4*	*3417.0*	*2687.6*	*2028.0*	*1937.5*
72.5°	2823.3	3109.8	3635.6	4321.7	*4600.6*	4163.3	3320.9	2527.4	1835.7	1784.8
75°	2058.1	2280.5	2976.0	3778.9	*4212.3*	3694.0	2553.8	1496.5	876.4	797.2
77.5°	1042.2	1270.3	1852.7	2580.2	*3004.2*	2412.4	1441.8	588.0	184.7	148.9
80°	292.1	388.3	574.8	980.1	*1136.5*	925.4	482.5	98.0	37.7	24.5
82.5°	173.4	207.3	177.2	158.3	*220.5*	160.2	84.8	39.6	7.5	1.9
85°	67.8	101.8	92.4	56.5	*41.5*	26.4	15.1	7.5	1.9	0.0
87.5°	3.8	3.8	5.7	5.7	*3.8*	3.8	3.8	1.9	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

Cooper Lighting Solutions Photometric Lab
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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: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

Data in this report applies to families of products including GKO-PB1E-740-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

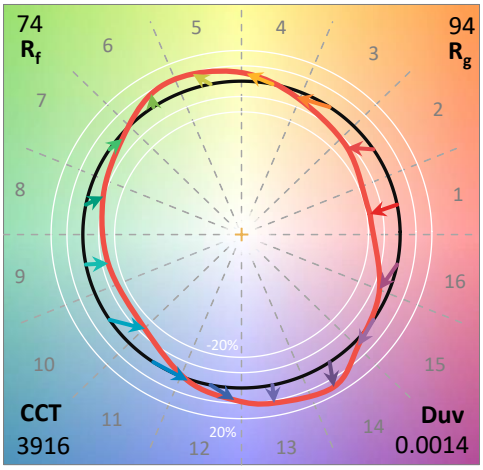
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-1
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-740-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3916	CRI (Ra):		71.0			
CIE u':	0.2259	R1:		67.4	R9:		-37.9
CIE v':	0.5049	R2:		78.3	R10:		48.9
Duv:	0.0014	R3:		87.2	R11:		64.6
CIE x:	0.3853	R4:		69.5	R12:		40.9
CIE y:	0.3827	R5:		67.2	R13:		69.2
CIE z:	0.2321	R6:		69.3	R14:		92.7
Peak Wavelength (nm):	449	R7:		79.9	R15:		59.8
Dominant Wavelength (nm):	578	R8:		48.9			
Purity:	30.46652						

Rf:	73.5
Rg:	93.5



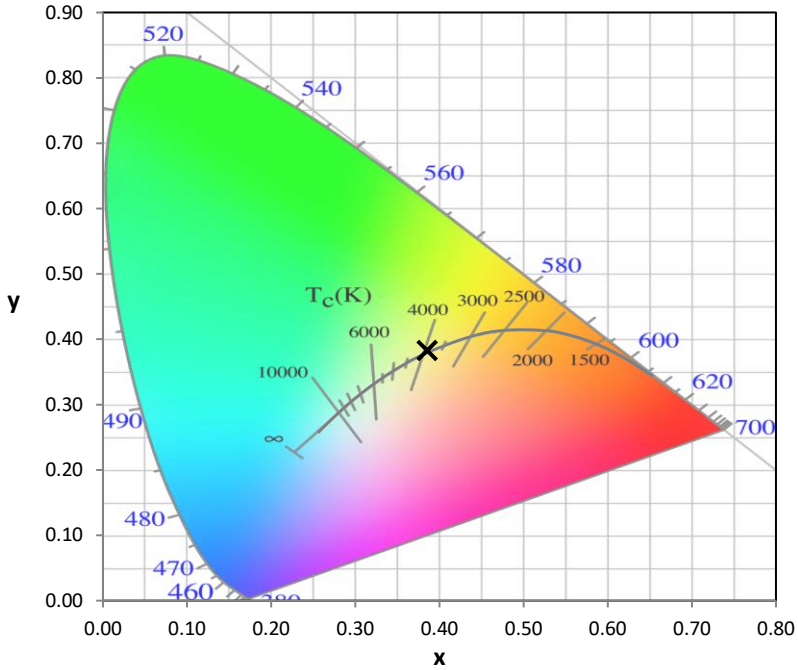
Test Conditions

Stabilization Time:	33M
Operation Time:	1H 33M
Sphere Temperature (°C):	25.0

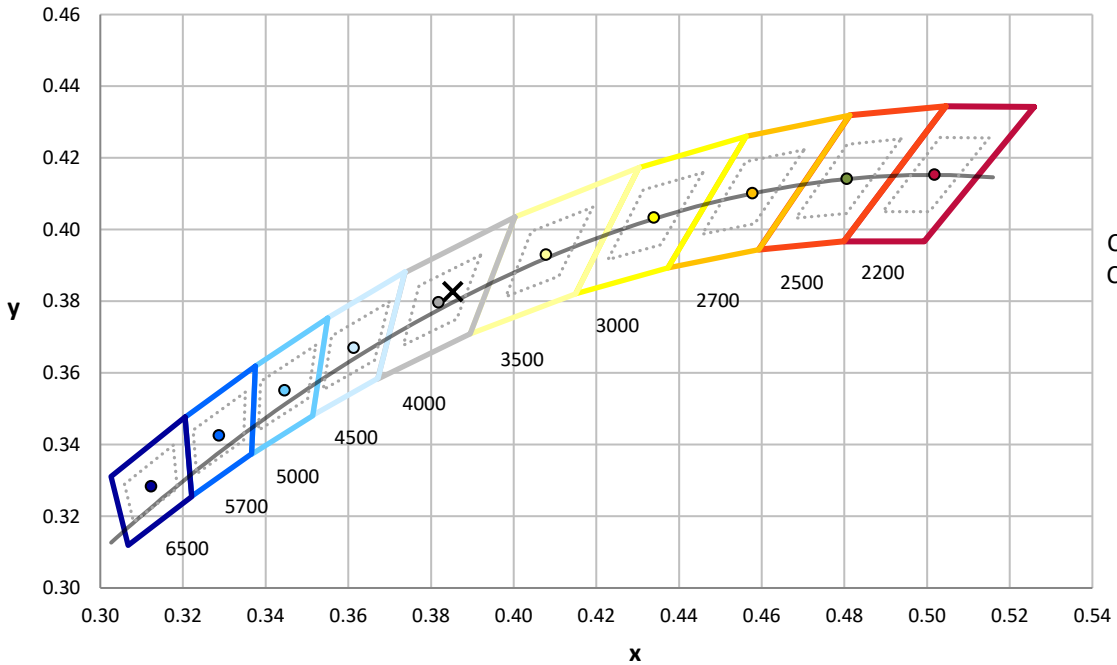
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-1

CIE 1931 Chromaticity Diagram



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

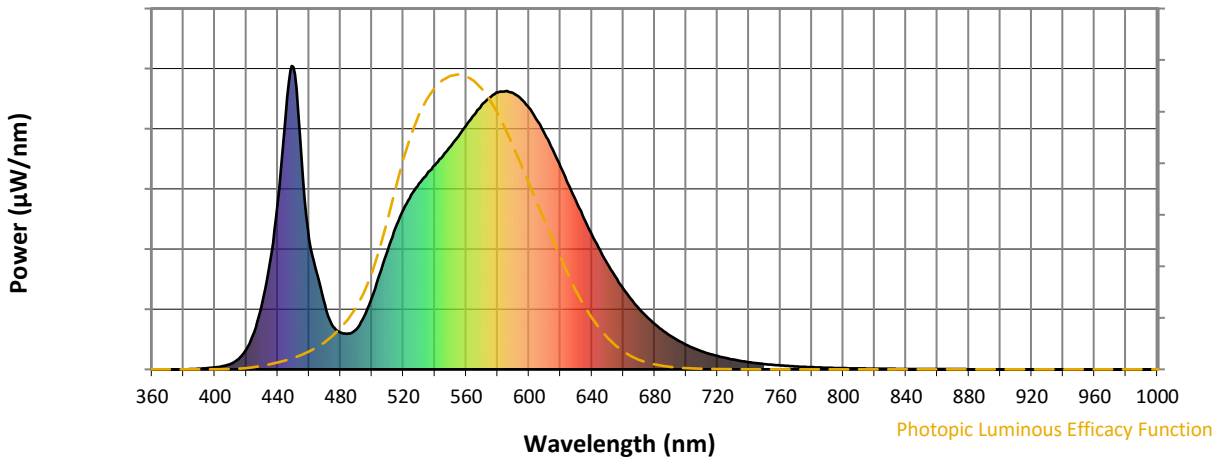


CCT = 3916K
CIE x = 0.3853
CIE y = 0.3827
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-1

Photopic Flux vs. Wavelength

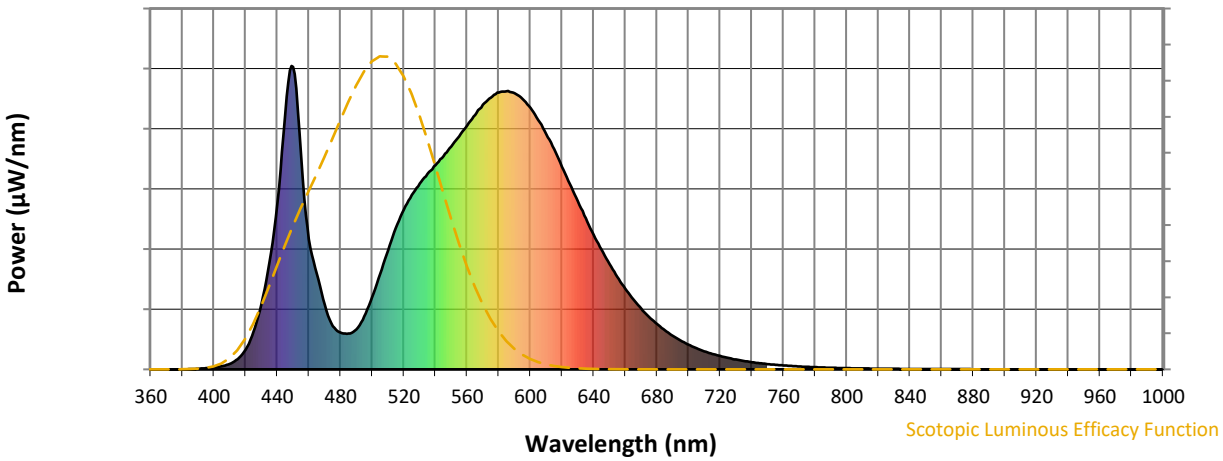


Photopic Lumens: NR

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-1

Scotopic Flux vs. Wavelength

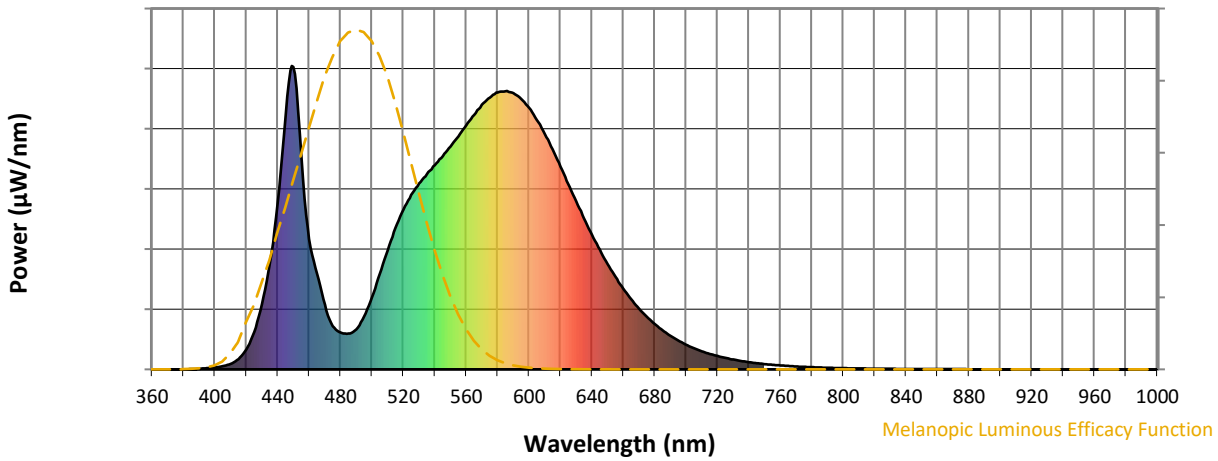


Scotopic Lumens: NR **S/P: 1.49**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

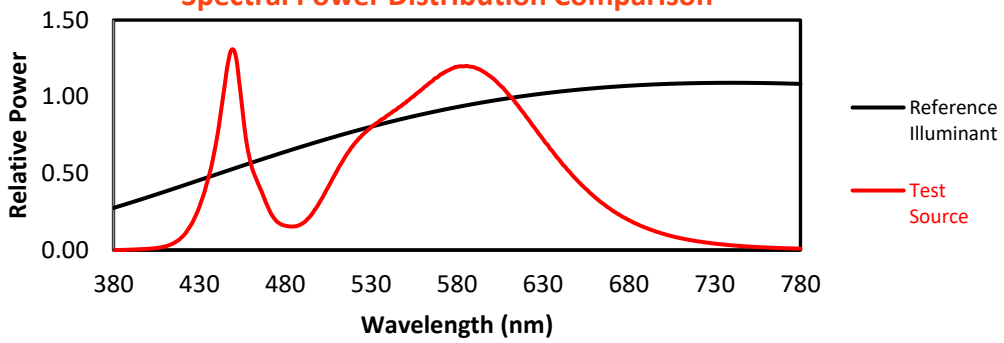
REPORT NUMBER: SP2-2501-321-1

TM-30-18

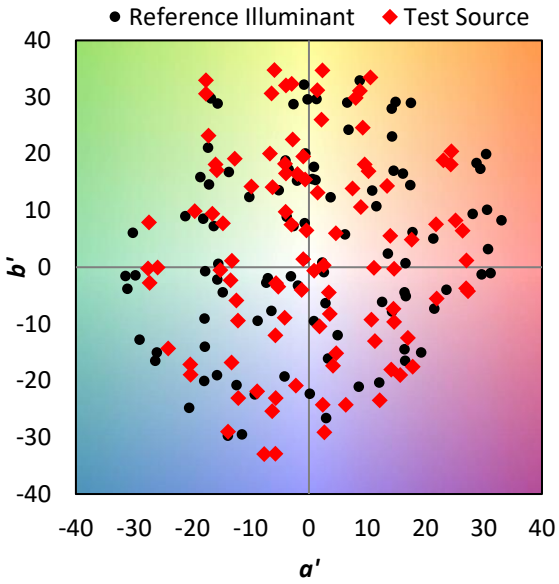
Summary

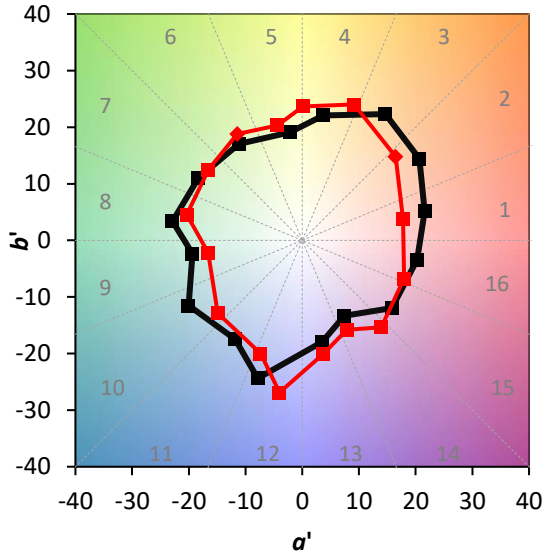
R_f = 73.5
R_g = 93.5
CIE R_a = 71.0
R_9 = -37.9

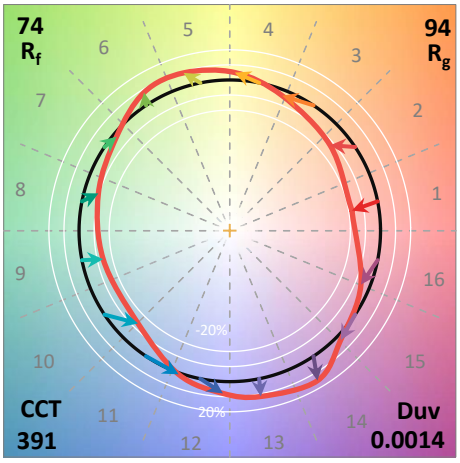
Spectral Power Distribution Comparison

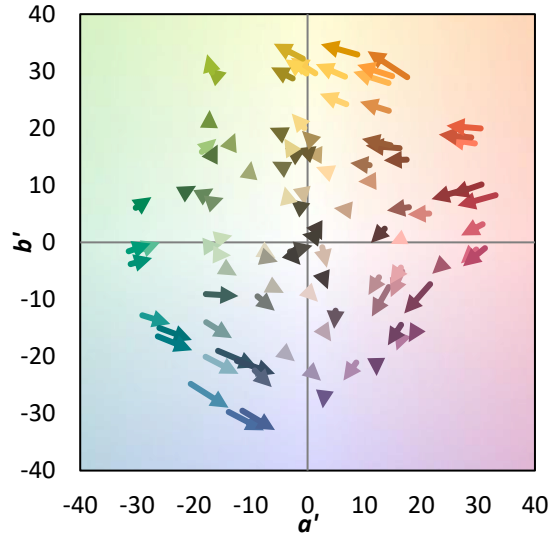


Color Vector Graphics



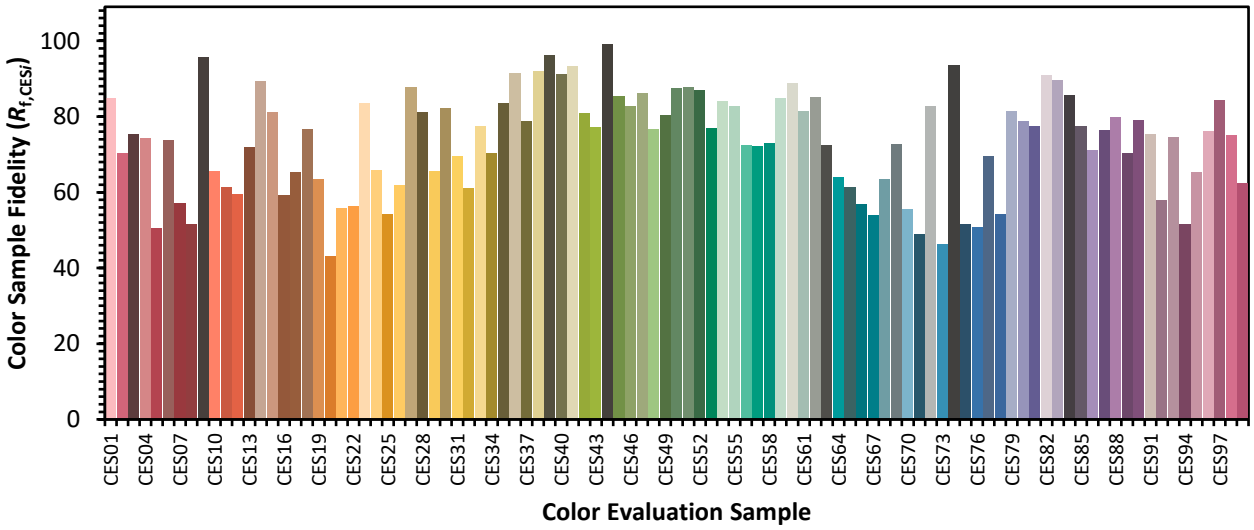




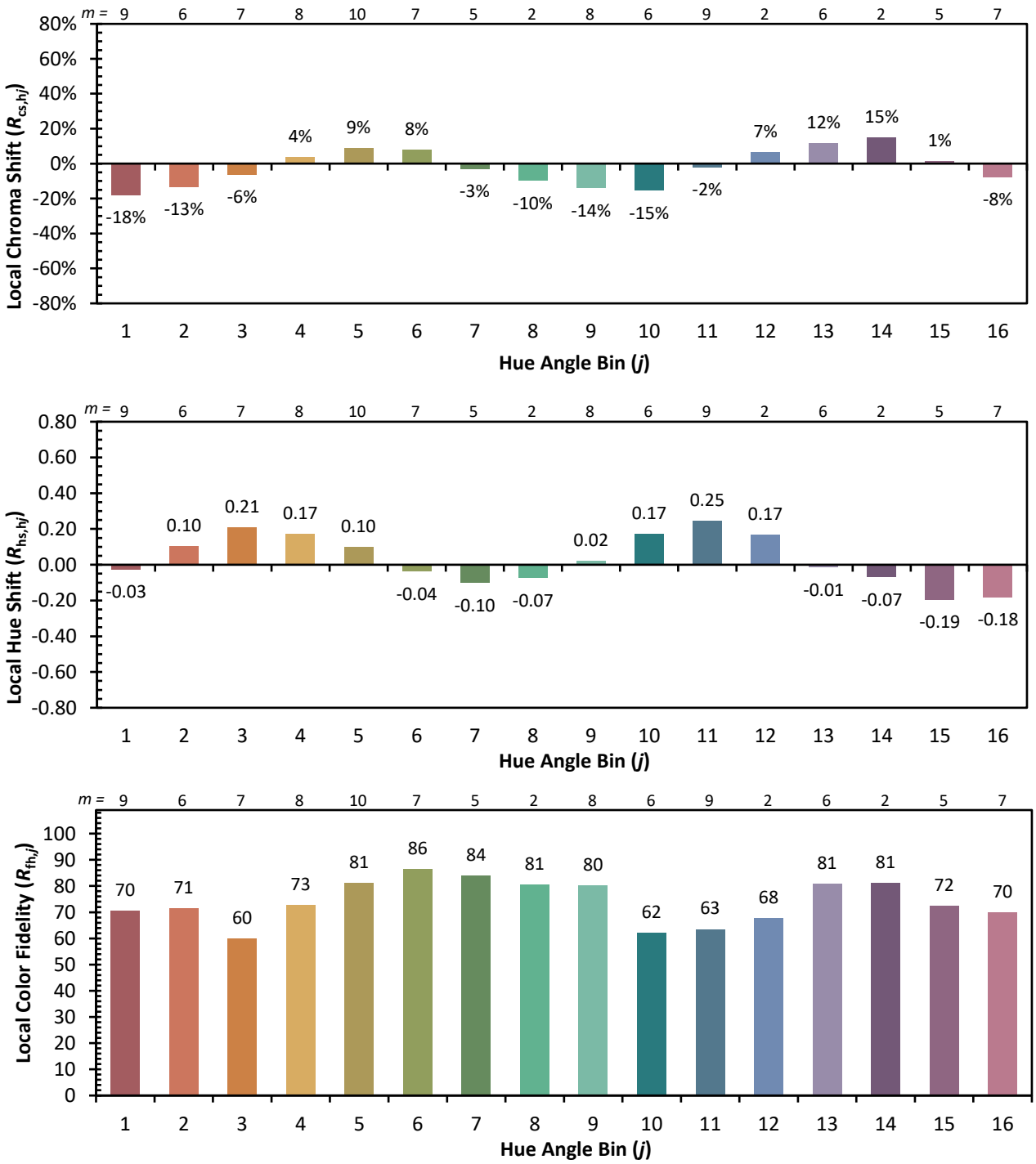


Individual Sample Fidelity Index ($R_{f,i}$)

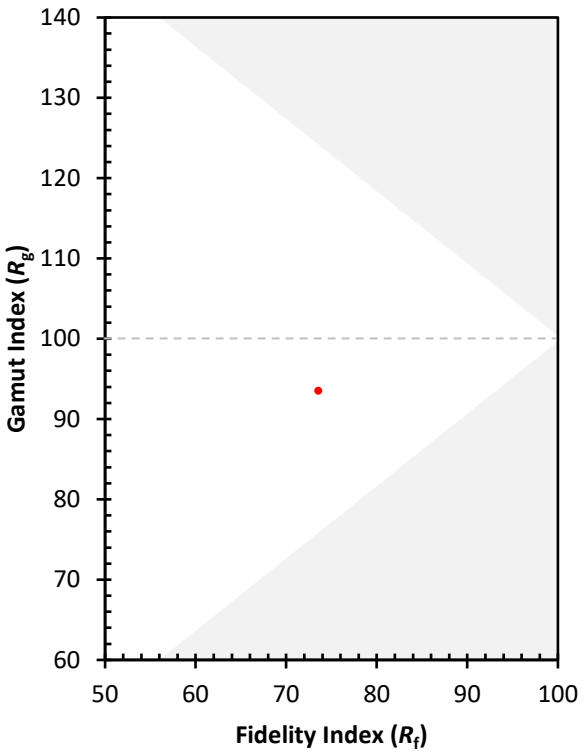
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 91
CES08 = 39	CES33 = 77	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 86
CES10 = 74	CES35 = 84	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 81	CES86 = 71
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 76
CES13 = 42	CES38 = 92	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 64	CES89 = 70
CES15 = 71	CES40 = 91	CES65 = 61	CES90 = 79
CES16 = 46	CES41 = 93	CES66 = 57	CES91 = 75
CES17 = 49	CES42 = 81	CES67 = 54	CES92 = 58
CES18 = 56	CES43 = 77	CES68 = 63	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 73	CES94 = 52
CES20 = 65	CES45 = 85	CES70 = 56	CES95 = 65
CES21 = 86	CES46 = 83	CES71 = 49	CES96 = 76
CES22 = 78	CES47 = 86	CES72 = 83	CES97 = 84
CES23 = 92	CES48 = 77	CES73 = 46	CES98 = 75
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 62
CES25 = 72	CES50 = 87	CES75 = 52	

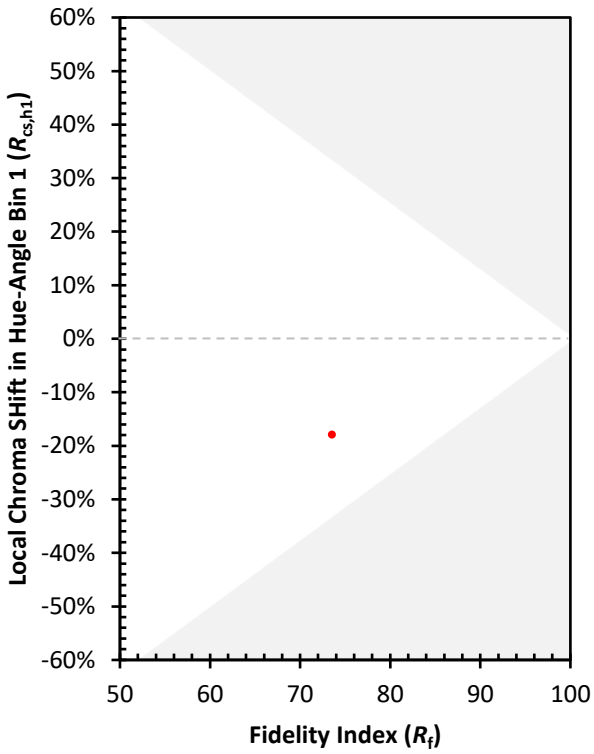


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)