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: P1460972

Luminaire Tested: PRV-PC1D-727-U-T3RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460972
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1D-727-U-T3RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 1170MA 70CRI 2700K FIXTURE w/ TYPE III ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19478.8 lumens
Efficiency:	N/A
Efficacy:	128.1 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3
Input Watts (W):	152
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.75%
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: P1460972
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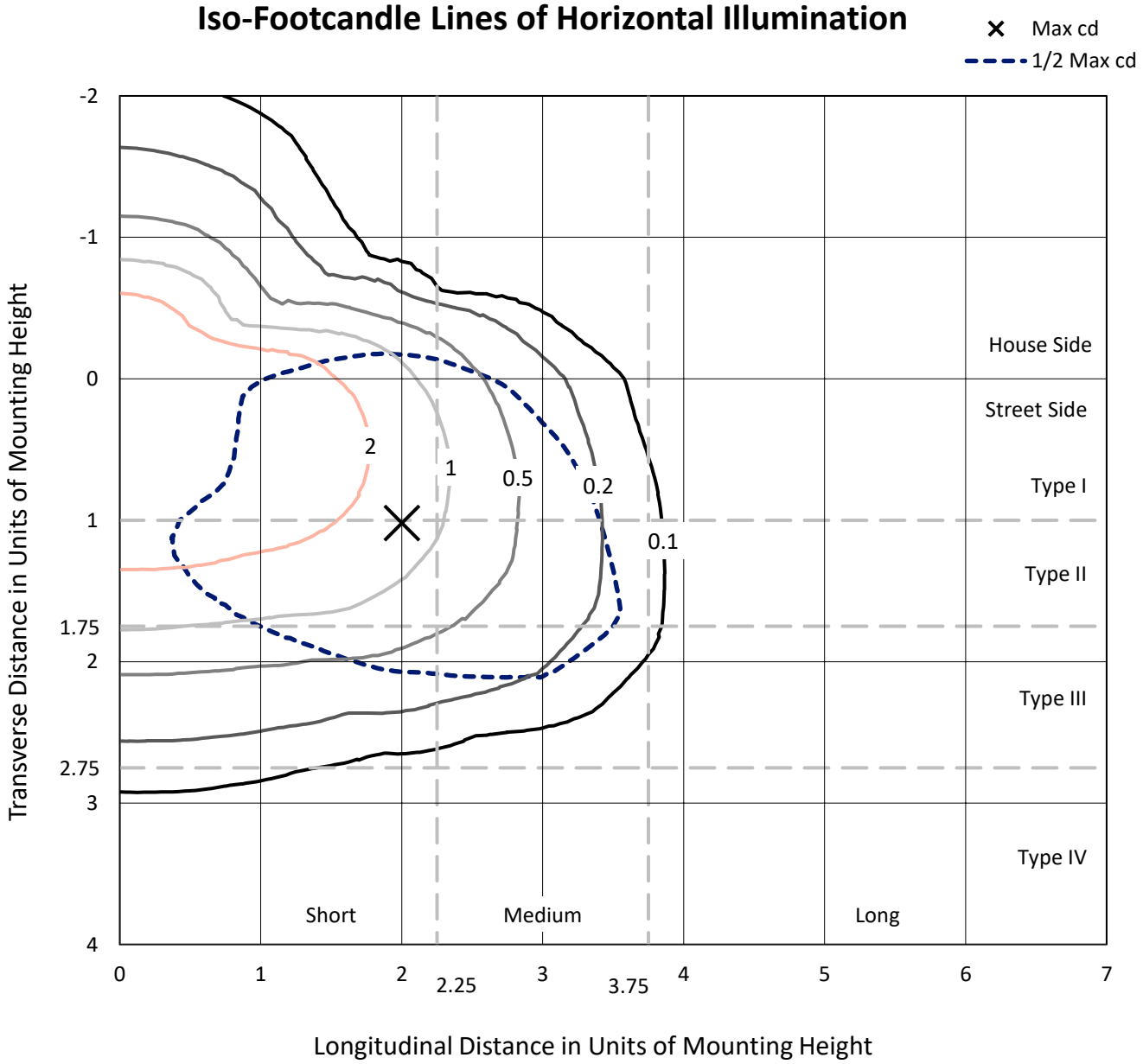
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 4.6 fc
Type III - Short - N/A

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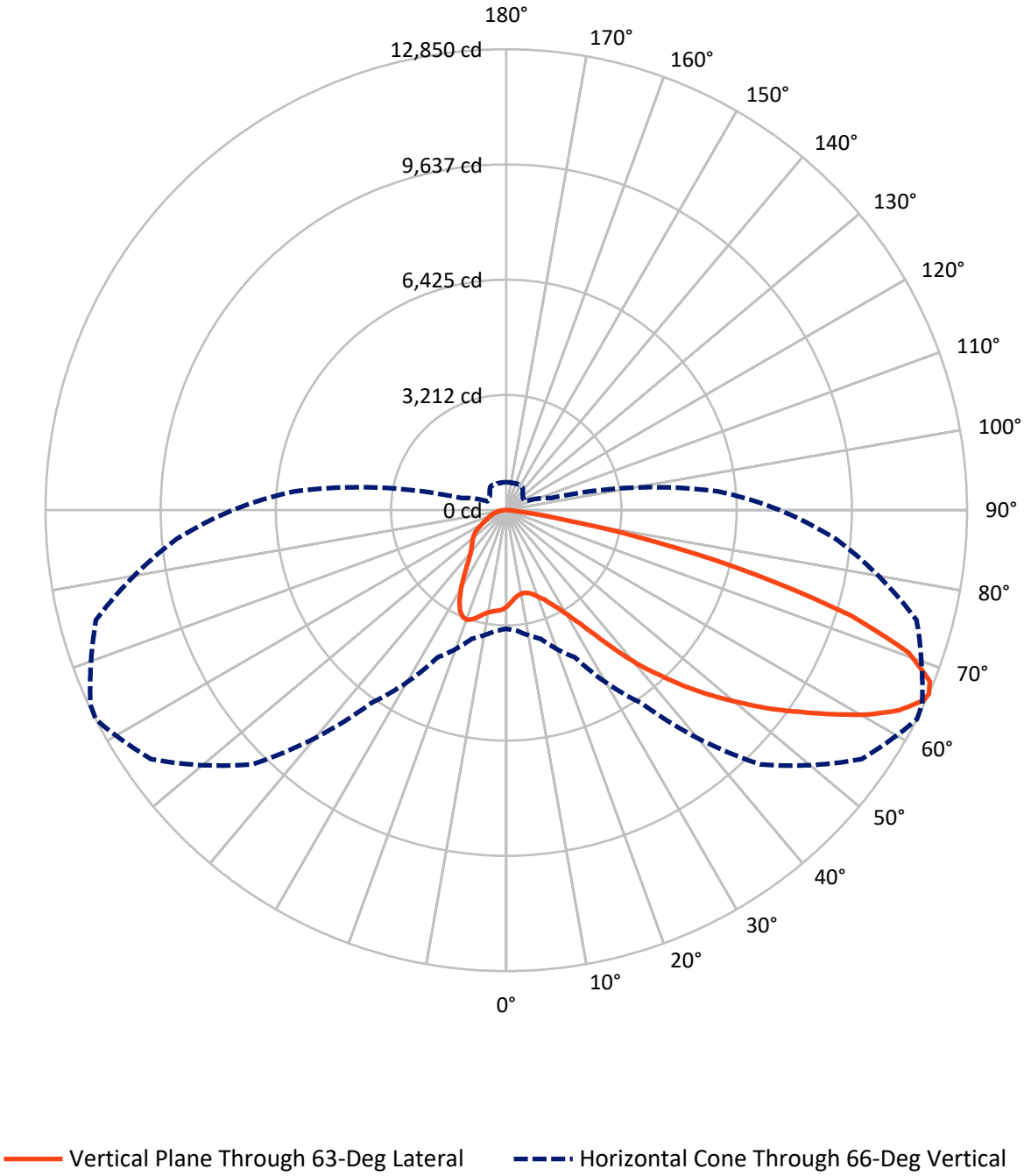
CATALOG NUMBER: PRV-PC1D-727-U-T3RE

Luminous Intensity Polar Plot



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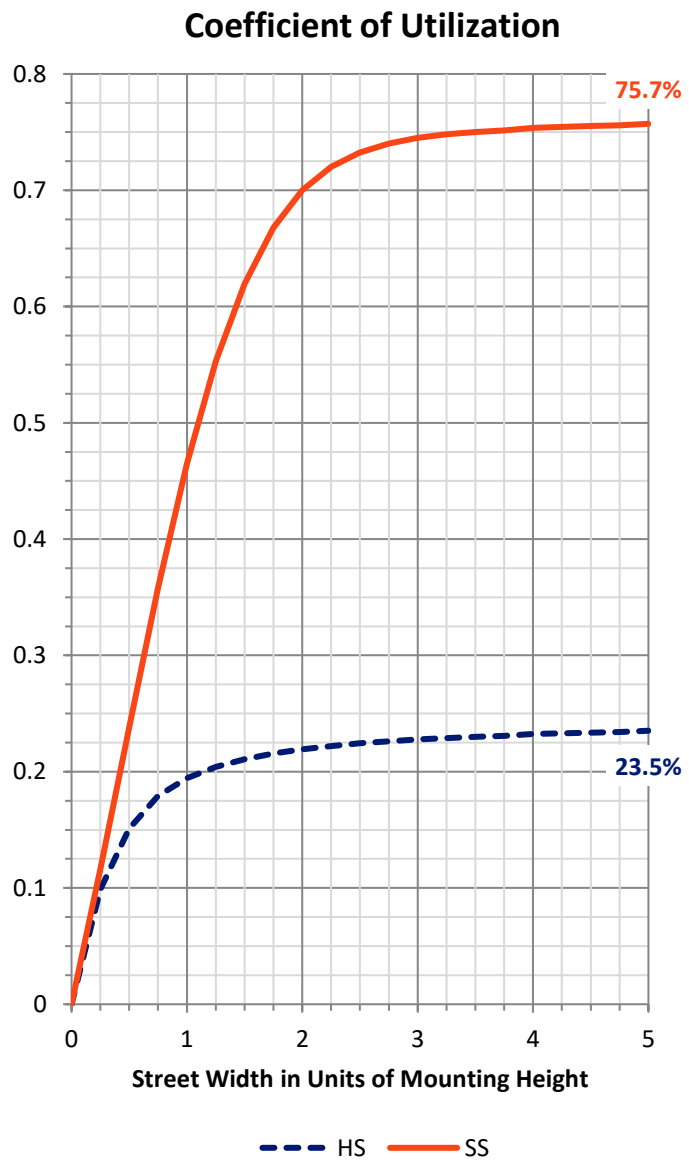
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4659.4	0.0	4659.4
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	14819.4	0.0	14819.4
	% Fixture	76.1	0.0	76.1
Total	Lumens	19478.8	0.0	19478.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.7	1.3
10°-20°	782.0	4.0
20°-30°	1393.3	7.2
30°-40°	2193.8	11.3
40°-50°	3294.3	16.9
50°-60°	4422.5	22.7
60°-70°	4745.3	24.4
70°-80°	2135.0	11.0
80°-90°	262.9	1.3
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°	19478.8	100.0
0°-180°	19478.8	100.0



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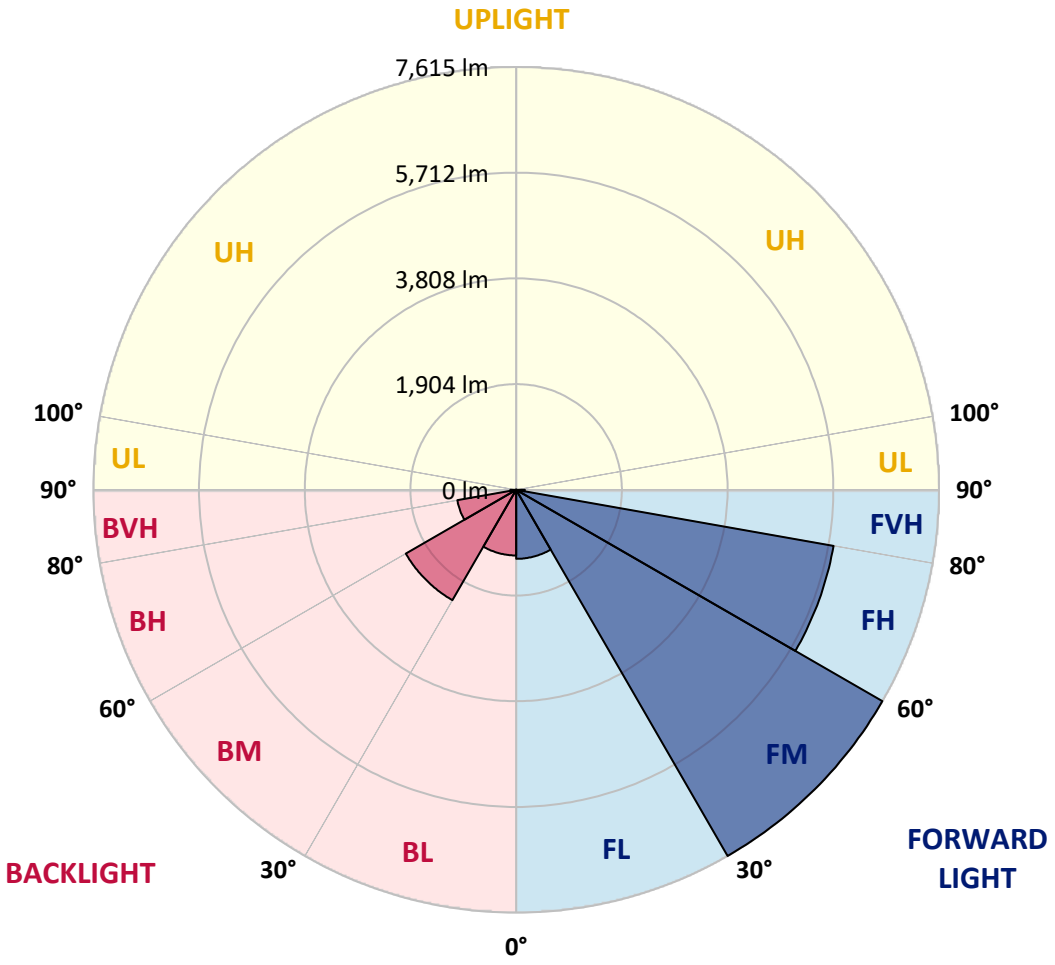
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1242.9	6.4			
FM	(30°-60°)	7615.4	39.1			
FH	(60°-80°)	5804.6	29.8			G3/7500
FVH	(80°-90°)	156.5	0.8			G2/225
BL	(0°-30°)	1182.2	6.1	B3/2500		
BM	(30°-60°)	2295.1	11.8	B2/2500		
BH	(60°-80°)	1075.7	5.5	B3/2500		G3/2500
BVH	(80°-90°)	106.4	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2685.4	2685.4	2685.4	2685.4	2685.4	2685.4	2685.4	*2685.4*	2685.4	2685.4	2685.4
2.5°	2407.8	2413.3	2421.6	2433.5	2452.8	2488.7	2535.6	*2575.1*	2583.4	2633.0	2667.1
5°	2219.3	2225.8	2232.2	2248.7	2282.8	2324.1	2394.9	*2466.6*	2485.9	2588.9	2679.9
7.5°	2175.2	2177.0	2179.8	2184.4	2204.6	2238.6	2310.3	*2397.7*	2417.9	2564.1	2712.1
10°	2226.7	2227.6	2226.7	2221.2	2216.6	2229.4	2278.2	*2359.1*	2387.6	2564.1	2766.3
12.5°	2332.4	2341.6	2334.2	2314.9	2288.3	2280.0	2303.0	*2363.7*	2390.3	2593.5	2843.6
15°	2481.3	2490.5	2473.1	2444.6	2405.0	2370.1	2363.7	*2403.2*	2426.2	2638.6	2948.4
17.5°	2663.4	2659.7	2639.5	2600.9	2546.6	2490.5	2458.4	*2474.0*	2491.5	2706.6	3063.3
20°	2882.2	2896.0	2853.7	2796.7	2733.2	2647.7	2577.0	*2583.4*	2588.9	2796.7	3201.2
22.5°	3243.5	3260.0	3180.1	3071.6	2953.9	2837.1	2747.0	*2701.1*	2717.6	2900.6	3343.7
25°	3601.1	3603.9	3545.0	3439.3	3264.6	3078.0	2941.9	*2887.7*	2884.9	3052.3	3538.6
27.5°	3976.2	3951.4	3884.3	3770.3	3605.7	3390.6	3184.7	*3102.8*	3094.6	3264.6	3755.6
30°	4321.9	4309.0	4242.8	4121.5	3932.1	3728.9	3489.9	*3386.0*	3376.8	3577.2	4063.6
32.5°	4642.8	4646.4	4583.9	4456.1	4302.6	4094.8	3856.7	*3758.3*	3747.3	4027.7	4451.5
35°	4898.3	4890.1	4852.4	4801.8	4677.7	4493.8	4275.0	*4273.2*	4298.9	4663.9	4950.7
37.5°	5149.3	5143.8	5085.0	5053.7	5062.9	4901.1	4811.9	*4914.9*	4969.1	5348.8	5518.0
40°	5563.0	5532.7	5457.3	5366.3	5377.3	5301.9	5335.0	*5636.6*	5734.9	6114.6	6114.6
42.5°	5873.8	5861.8	5848.9	5814.0	5765.3	5704.6	5895.8	*6297.6*	6393.2	6778.4	6630.4
45°	5990.5	6007.1	6086.1	6226.8	6217.6	6131.2	6505.4	*7019.3*	7104.8	7453.2	7146.2
47.5°	6091.7	6110.0	6206.6	6496.2	6647.9	6664.4	7164.5	*7723.5*	7823.7	8163.9	7623.3
50°	6090.7	6129.4	6321.5	6650.6	6938.4	7188.5	7866.0	*8434.2*	8535.3	8828.6	8037.9
52.5°	5960.2	5986.9	6313.2	6776.6	7167.3	7722.6	8595.1	*9188.1*	9234.0	9458.3	8399.2
55°	5814.9	5837.9	6178.1	6805.1	7408.2	8311.0	9350.8	*9926.3*	9998.9	10104.7	8766.1
57.5°	5645.8	5682.5	6020.9	6718.7	7611.4	8891.1	10124.9	*10728.9*	10763.8	10728.0	9171.5
60°	5441.7	5456.4	5783.7	6497.1	7727.2	9490.5	10876.0	*11572.9*	11580.2	11348.5	9503.4
62.5°	4717.2	4732.8	5118.1	6036.5	7644.5	9947.4	11528.7	*12288.1*	12273.4	11817.4	9659.7
65°	3620.4	3685.7	4074.6	5026.1	7011.0	10147.9	12036.2	*12788.3*	12734.9	11929.6	9445.5
66°	*3305.1*	*3371.3*	*3710.5*	*4525.1*	*6563.3*	*10021.0*	*12099.7*	*12849.9*	*12798.4*	*11847.8*	*9227.6*
67.5°	2957.6	2969.5	3245.3	3864.1	5627.4	9432.6	11887.3	*12743.2*	12685.3	11486.4	8712.7
70°	2155.0	2212.0	2458.4	2930.9	3969.8	7570.0	10722.5	*11900.2*	11815.6	10243.5	7408.2
72.5°	1414.9	1437.9	1546.4	1759.6	2528.2	5090.5	8852.5	*10051.3*	10128.6	8174.9	5516.1
75°	986.5	973.6	927.6	948.8	1264.1	2483.2	6197.4	*7176.5*	7274.9	5290.9	3261.9
77.5°	811.8	795.2	719.9	631.6	647.2	924.0	3281.2	*4241.9*	4164.7	2593.5	1472.8
80°	700.6	684.9	604.0	525.0	477.1	441.3	1033.4	*1727.5*	1600.6	870.6	510.2
82.5°	559.9	551.6	515.8	441.3	387.0	319.0	322.7	*449.6*	480.8	324.5	224.3
85°	340.2	336.5	339.2	349.4	275.8	233.5	192.1	*202.3*	196.7	162.7	139.7
87.5°	175.6	162.7	174.7	208.7	163.6	107.6	80.9	*83.7*	88.3	83.7	71.7
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-PC1D-727-U-T3RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2685.4	2685.4	2685.4	2685.4	2685.4	2685.4	2685.4	2685.4	2685.4	2685.4	2685.4
2.5°	2690.0	2710.3	2742.4	2763.6	2777.4	2785.7	2784.7	2783.8	2781.1	2774.6	2778.3
5°	2719.5	2754.4	2795.8	2808.6	2805.9	2801.3	2793.9	2792.1	2794.8	2789.3	2789.3
7.5°	2769.1	2807.7	2846.3	2839.0	2826.1	2839.9	2862.0	2892.3	2910.7	2921.7	2936.4
10°	2835.3	2887.7	2900.6	2878.5	2893.2	2947.5	2997.1	3031.1	3051.3	3061.5	3071.6
12.5°	2934.6	2979.6	2954.8	2944.7	3009.1	3077.1	3090.9	3066.1	3039.4	3023.8	3024.7
15°	3044.9	3074.3	3023.8	3053.2	3133.2	3126.7	3031.1	2929.1	2855.5	2824.3	2827.9
17.5°	3162.6	3168.1	3101.9	3172.7	3180.1	3032.0	2840.8	2697.4	2649.6	2632.1	2634.0
20°	3300.5	3275.7	3206.7	3275.7	3120.3	2825.2	2616.5	2531.0	2509.8	2518.1	2520.0
22.5°	3423.7	3366.7	3317.0	3298.7	2927.2	2582.5	2448.2	2417.0	2423.4	2438.1	2453.8
25°	3571.7	3468.7	3422.8	3203.0	2673.5	2391.2	2332.4	2336.1	2337.0	2349.9	2361.8
27.5°	3736.3	3585.5	3494.5	2981.5	2404.1	2254.3	2237.7	2240.5	2231.3	2231.3	2242.3
30°	3933.9	3725.2	3506.4	2681.8	2160.5	2131.1	2130.2	2110.8	2073.1	2064.0	2070.4
32.5°	4208.8	3933.9	3454.0	2327.8	1985.8	2011.6	2001.4	1950.9	1899.4	1887.4	1901.2
35°	4615.2	4238.2	3350.1	2002.4	1834.1	1881.9	1870.0	1803.8	1727.5	1698.1	1701.7
37.5°	5031.6	4614.3	3218.7	1733.9	1697.1	1765.2	1737.6	1649.3	1568.4	1514.2	1521.5
40°	5468.3	4993.9	3064.2	1561.1	1578.5	1641.1	1617.1	1508.7	1403.9	1356.1	1378.1
42.5°	5897.7	5357.1	2898.7	1448.0	1466.4	1528.9	1504.1	1390.1	1311.9	1261.4	1269.6
45°	6282.9	5644.9	2748.9	1363.4	1369.8	1418.6	1381.8	1316.5	1237.5	1194.2	1191.5
47.5°	6626.7	5859.1	2655.1	1295.4	1274.2	1288.9	1283.4	1237.5	1178.6	1138.2	1134.5
50°	6921.8	6020.9	2638.6	1233.8	1171.3	1144.6	1169.4	1155.6	1109.7	1080.2	1077.5
52.5°	7160.0	6168.9	2710.3	1171.3	1041.6	1028.8	1065.5	1069.2	1034.3	1021.4	1022.3
55°	7447.7	6351.8	2855.5	1083.9	926.7	928.6	977.3	981.0	960.7	962.6	966.2
57.5°	7762.1	6558.7	2976.0	969.9	821.0	835.7	901.0	907.4	888.1	895.5	898.2
60°	8027.8	6746.2	2834.4	828.3	726.3	764.0	847.6	844.0	832.9	851.3	855.9
62.5°	8105.1	6698.4	2326.0	705.1	651.8	707.9	810.0	810.9	832.0	864.2	869.7
65°	7832.0	6240.6	1585.9	614.1	592.1	659.2	787.9	820.1	810.9	806.3	811.8
66°	*7627.9*	*5953.8*	*1295.4*	*582.9*	*570.0*	*645.4*	*782.4*	*795.2*	*778.7*	*777.8*	*777.8*
67.5°	7167.3	5358.0	946.0	542.4	545.2	623.3	749.3	738.2	753.9	768.6	774.1
70°	6076.9	4092.1	598.5	479.9	502.0	565.4	669.3	712.5	741.0	758.5	770.4
72.5°	4503.9	2641.3	426.6	423.8	456.0	507.5	615.0	678.5	702.4	776.9	798.0
75°	2759.9	1468.2	358.5	376.9	390.7	460.6	556.2	640.8	635.3	657.3	662.9
77.5°	1192.4	660.1	306.1	326.4	333.7	389.8	495.5	582.0	581.0	604.9	615.0
80°	408.2	299.7	262.0	265.7	289.6	329.1	422.9	504.7	505.6	515.8	504.7
82.5°	217.0	204.1	210.5	217.9	247.3	268.5	349.4	436.7	402.7	285.9	281.3
85°	137.0	122.3	138.8	163.6	181.1	194.9	266.6	329.1	286.8	126.0	112.2
87.5°	55.2	55.2	64.4	86.4	78.1	84.6	142.5	186.6	152.6	50.6	26.7
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: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

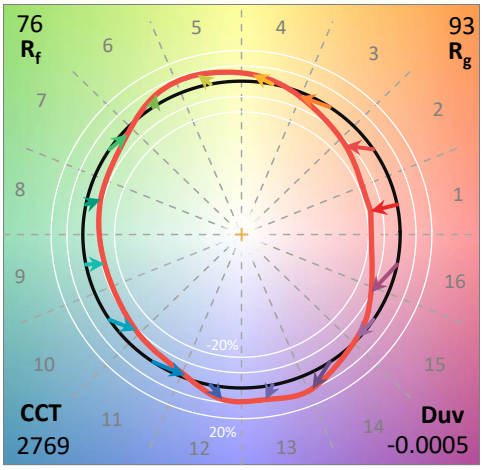
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-3
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-727-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2769	CRI (Ra):		71.7			
CIE u':	0.2596	R1:		68.0	R9:		-34.5
CIE v':	0.5253	R2:		84.0	R10:		64.3
Duv:	-0.0005	R3:		94.6	R11:		60.9
CIE x:	0.4535	R4:		65.9	R12:		54.4
CIE y:	0.4078	R5:		67.3	R13:		71.2
CIE z:	0.1387	R6:		78.7	R14:		97.6
Peak Wavelength (nm):	597	R7:		75.2	R15:		59.5
Dominant Wavelength (nm):	584	R8:		39.8			
Purity:	58.54014						
Rf:	75.7						
Rg:	93.2						



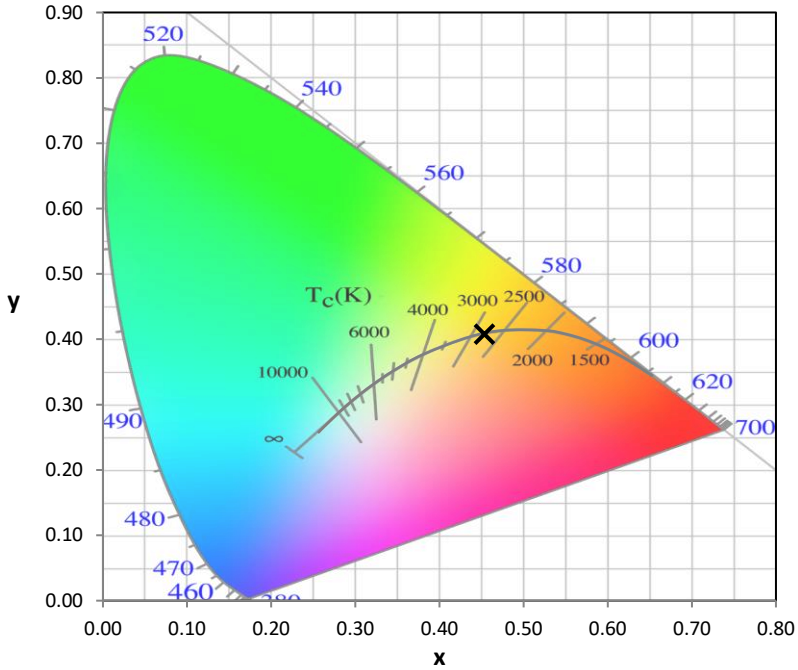
Test Conditions

Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.0

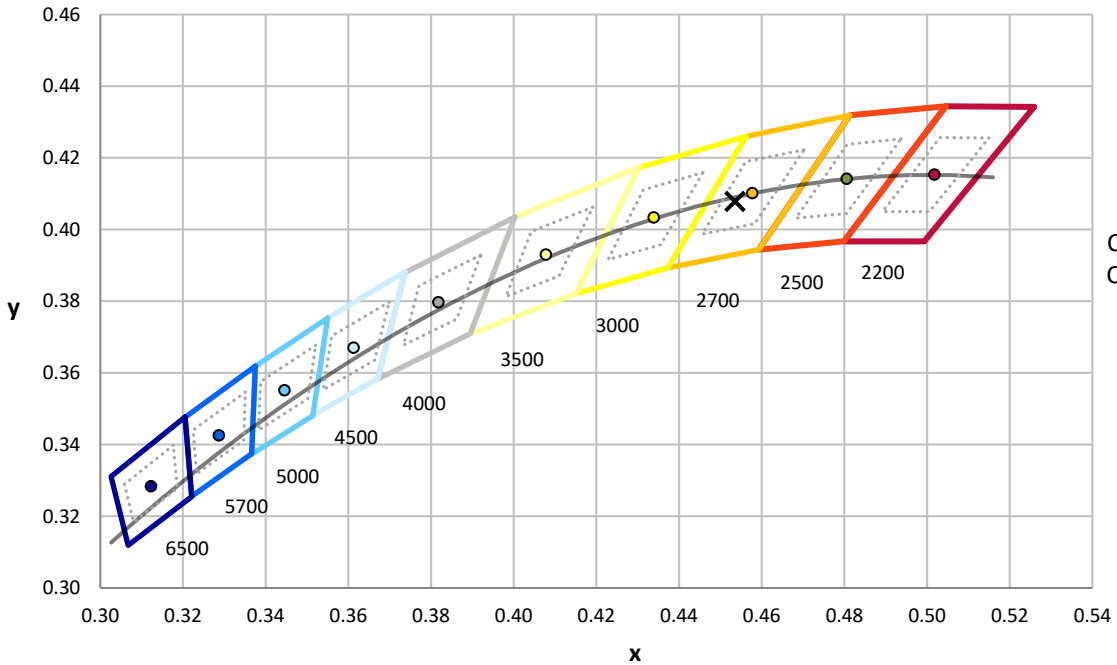
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-3

CIE 1931 Chromaticity Diagram



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



CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

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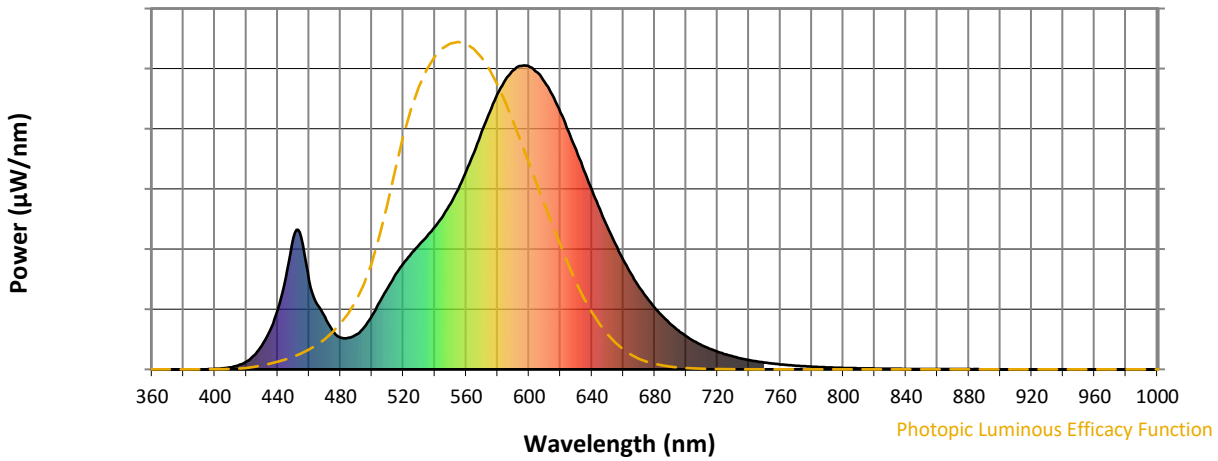
Photopic Flux vs. Wavelength



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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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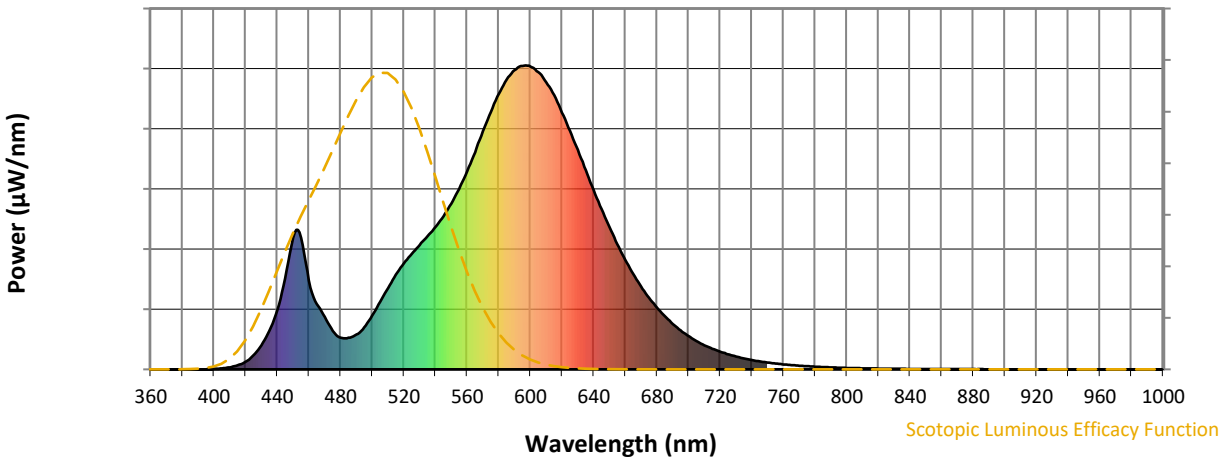
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.14**

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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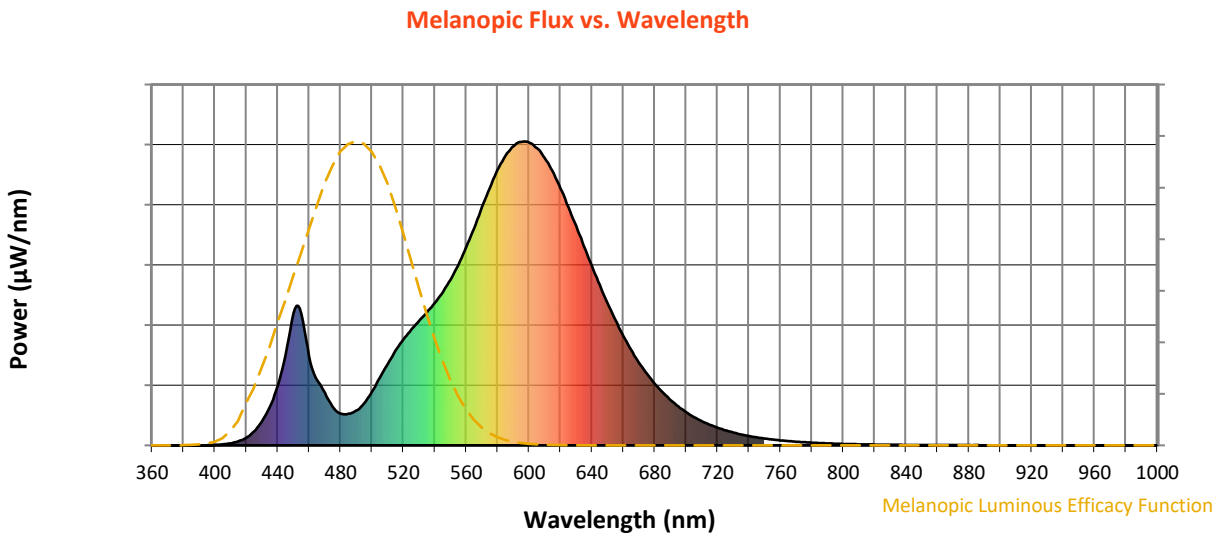

Melanopic Lumens: NR **M/P: 2.08**

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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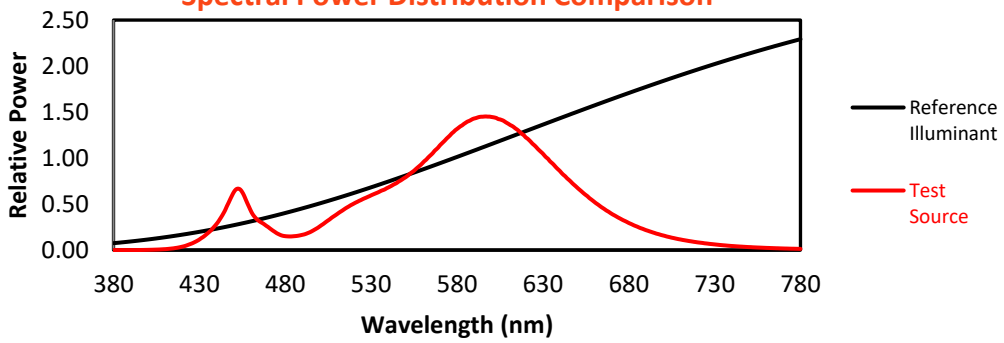
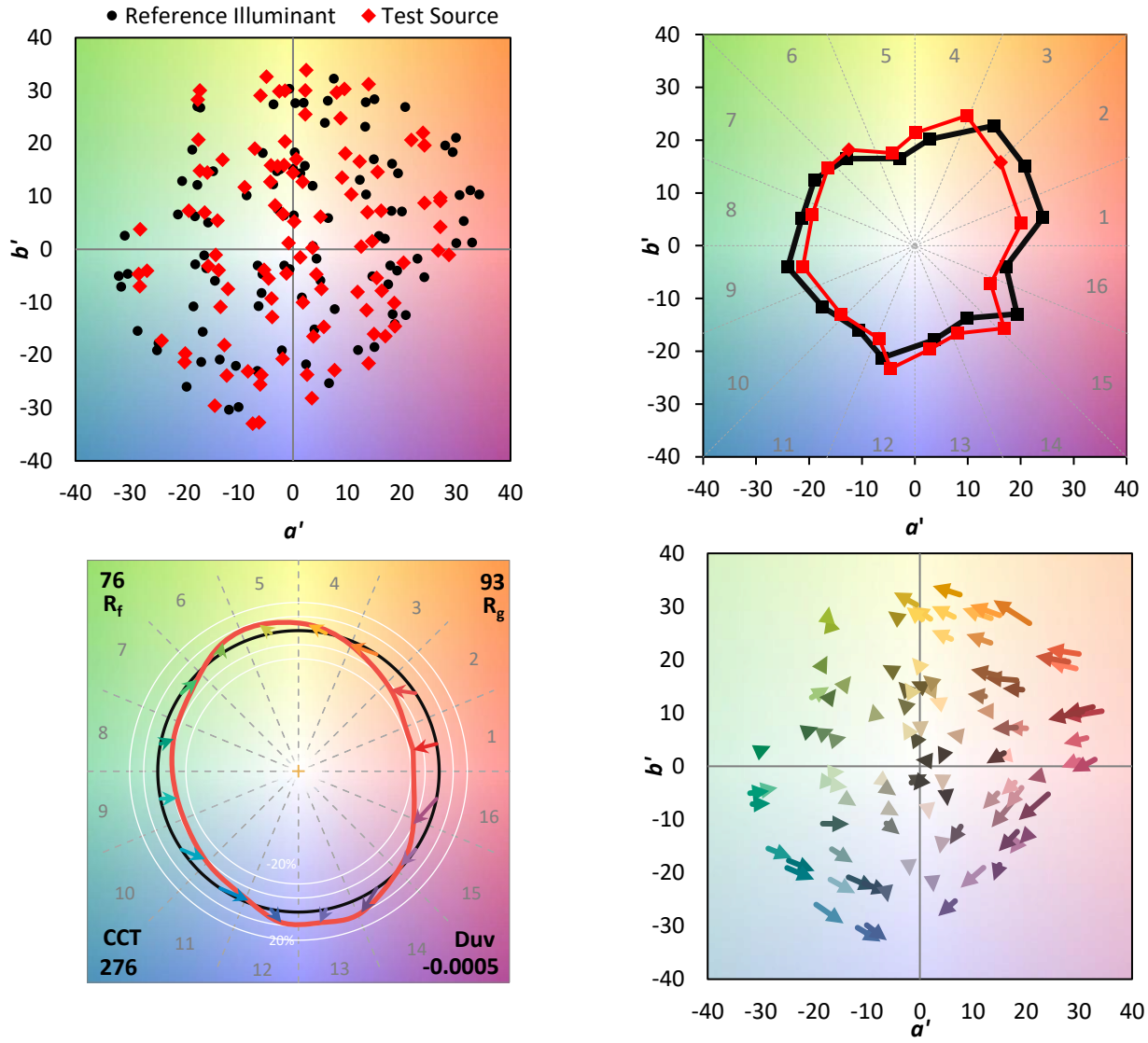
Summary

R_f = 75.7
R_g = 93.2
CIE R_a = 71.7
R_9 = -34.5

Spectral Power Distribution Comparison

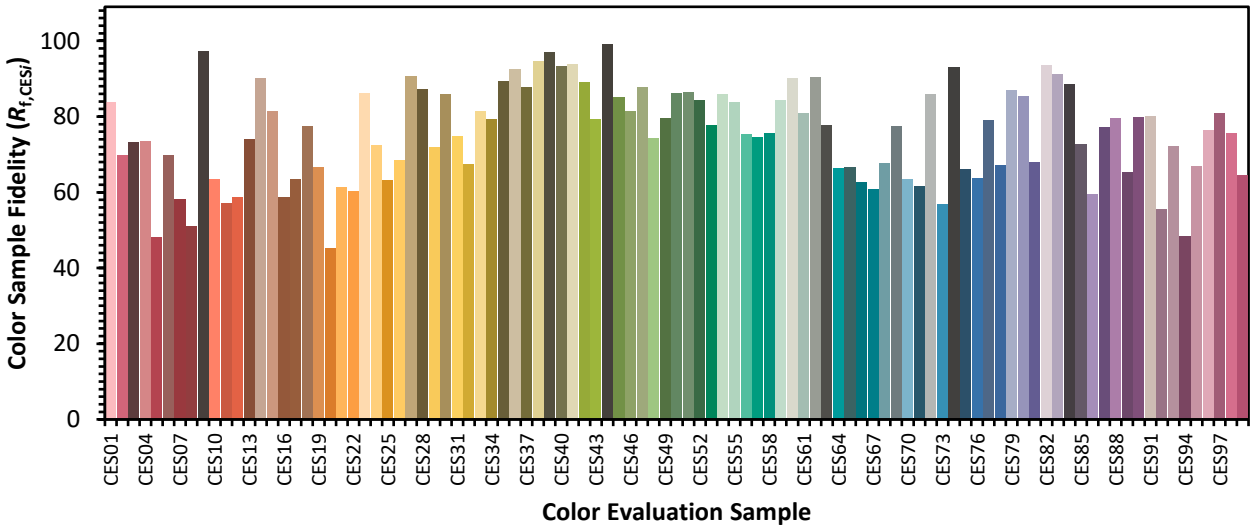


Color Vector Graphics

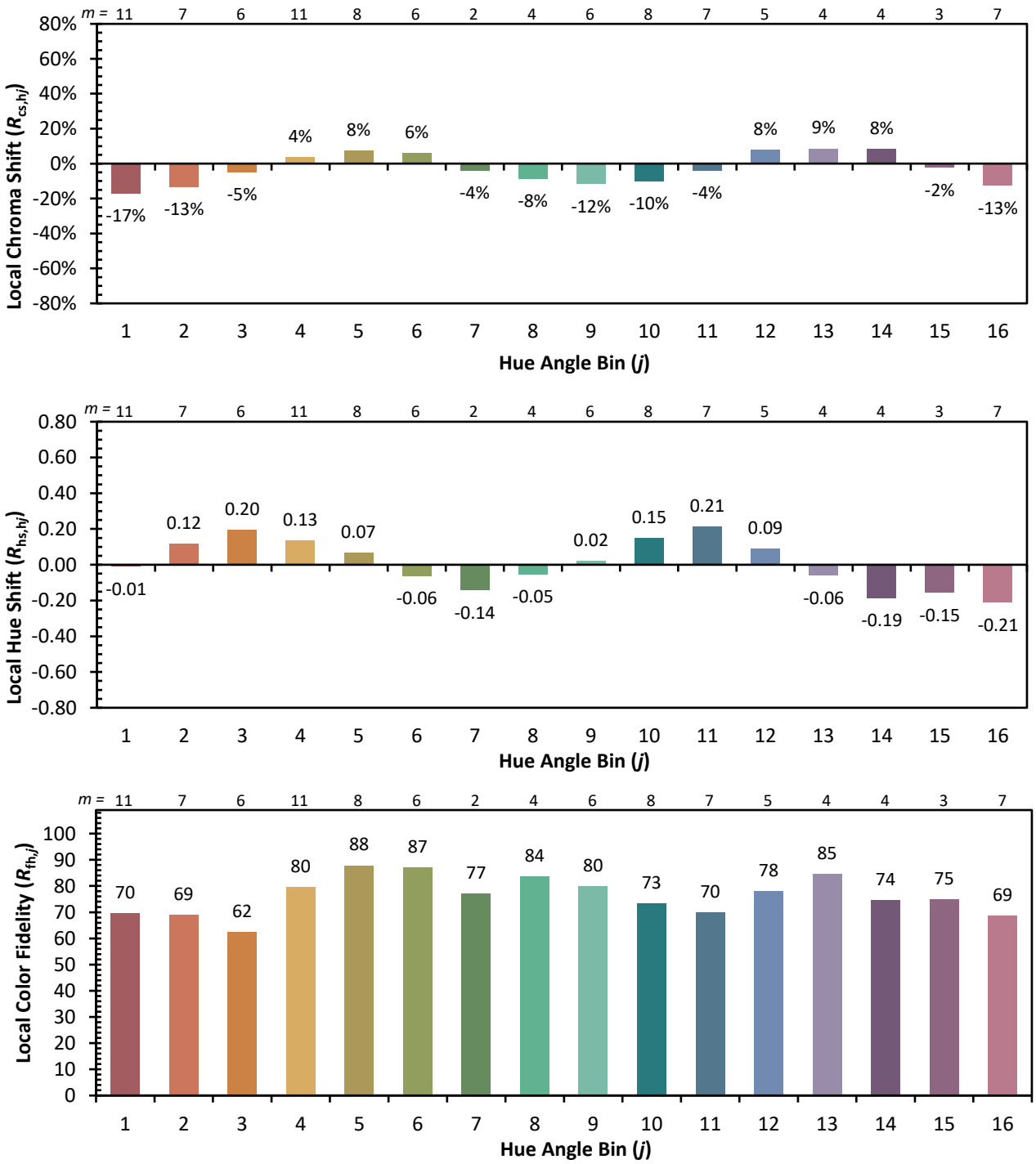


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



Color Rendition by Hue-Angle Bin



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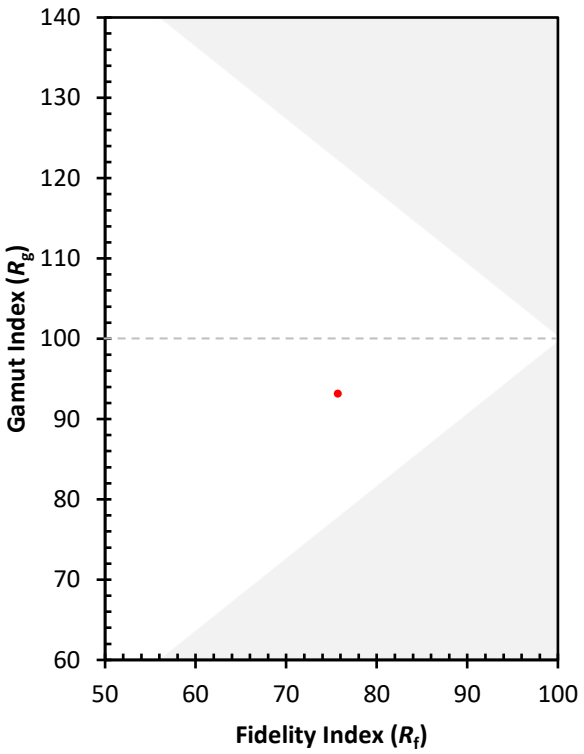
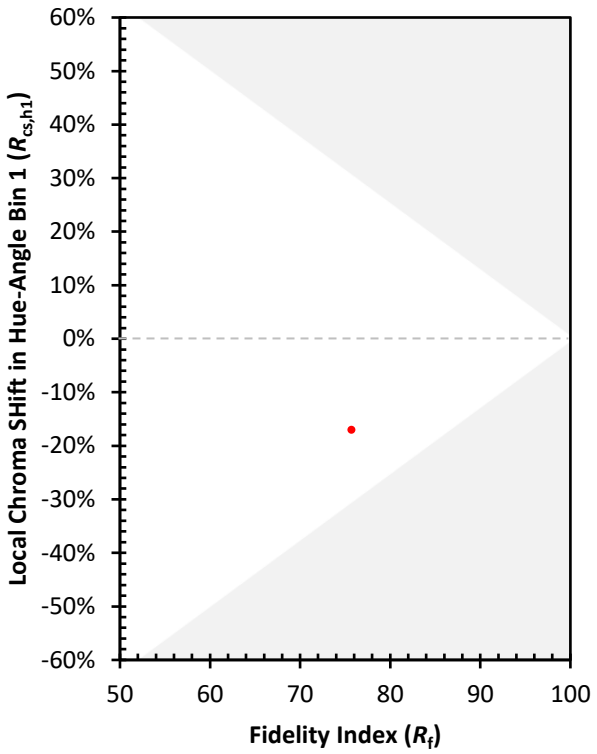
Measure Comparisons





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