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: P1460088

Luminaire Tested: PRV-P-PB2D-727-U-T2U

Issue Date: 06/09/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460088
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/9/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2D-727-U-T2U
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 695MA 70CRI 2700K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11214.7 lumens
Efficiency:	N/A
Efficacy:	118.7 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - 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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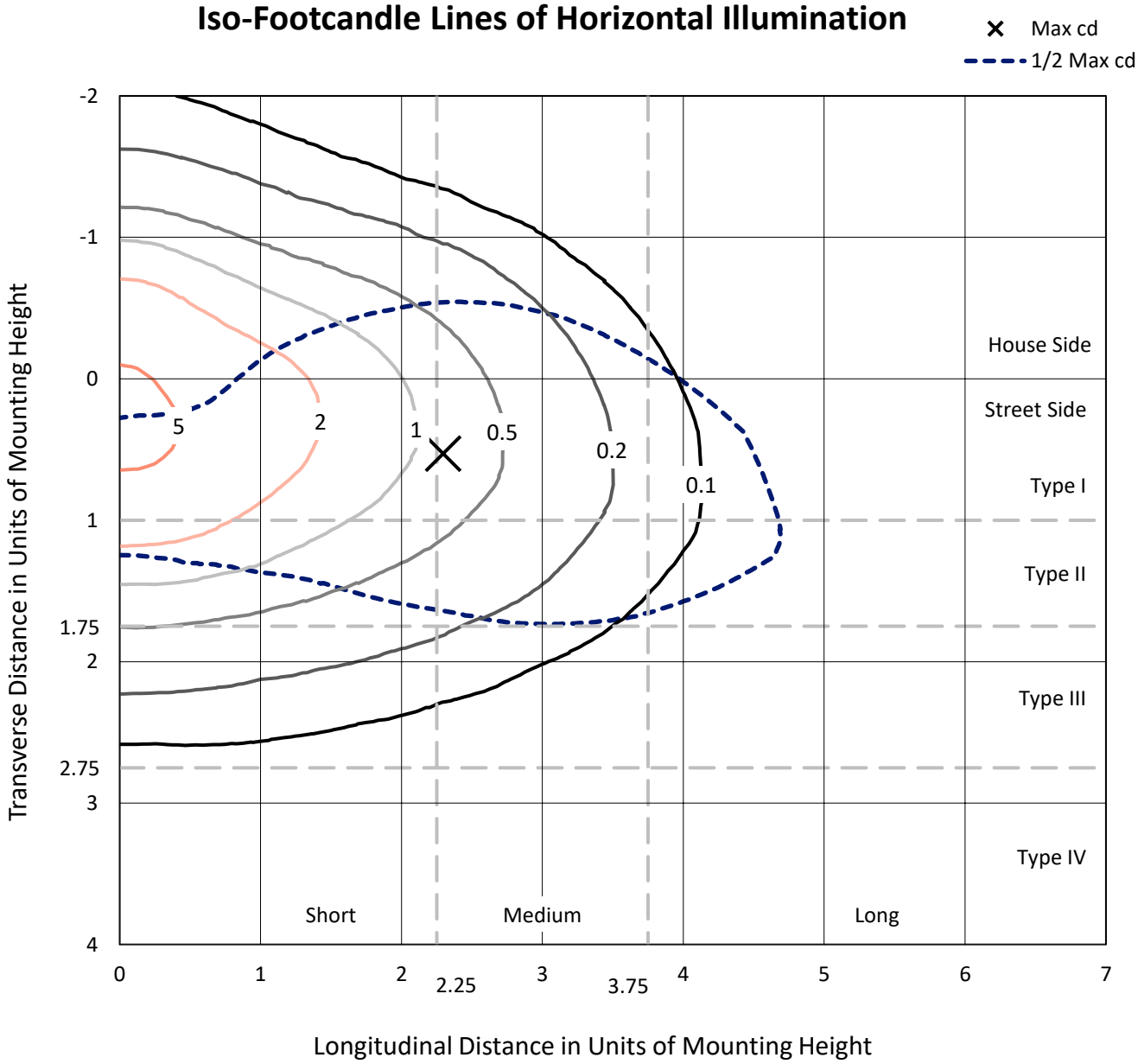
Scaled Data Report

REPORT NUMBER: P1460088
CATALOG NUMBER: PRV-P-PB2D-727-U-T2U

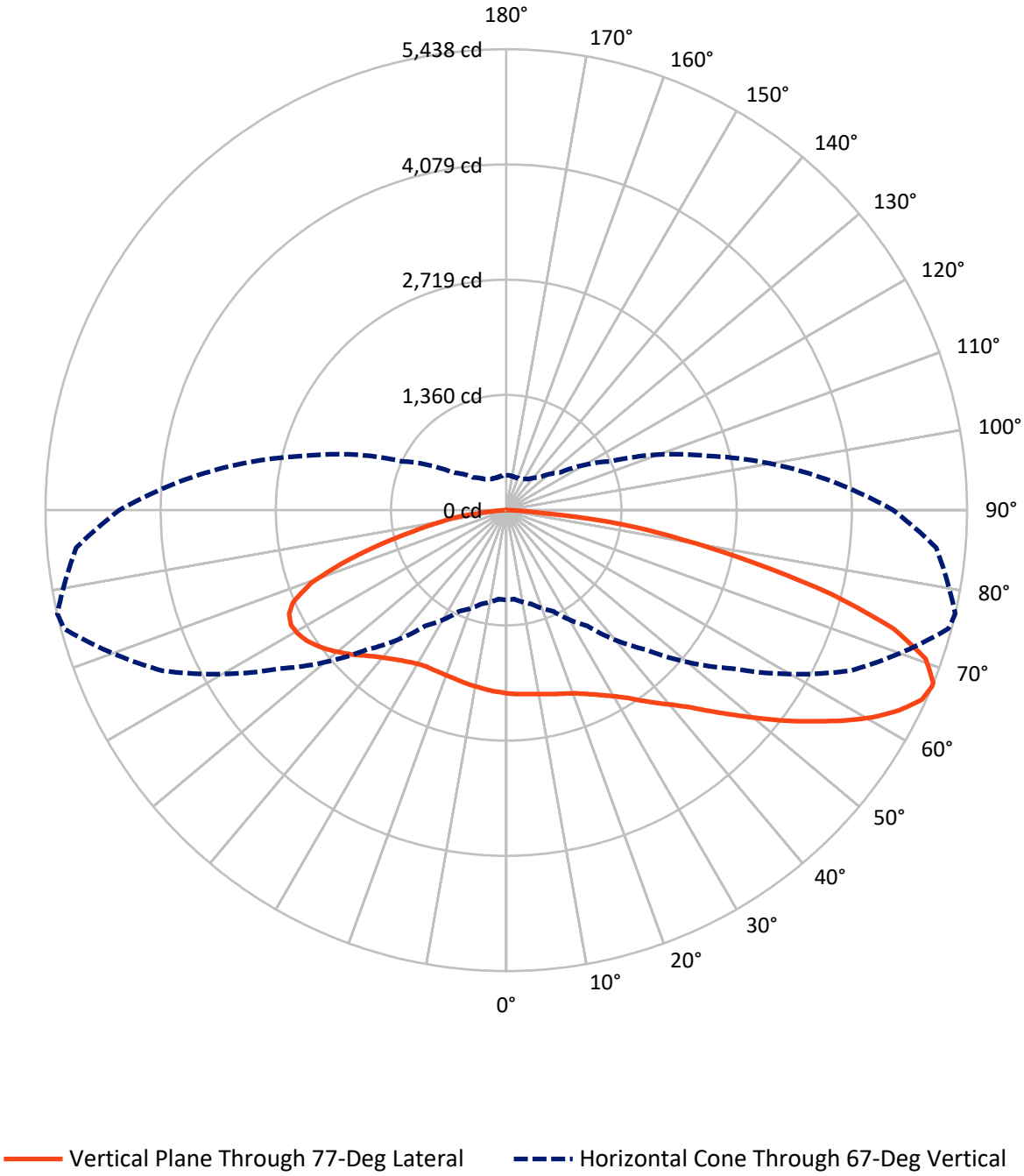
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 6.1 fc
Type II - Medium - N/A

REPORT NUMBER: P1460088
CATALOG NUMBER: PRV-P-PB2D-727-U-T2U

Luminous Intensity Polar Plot



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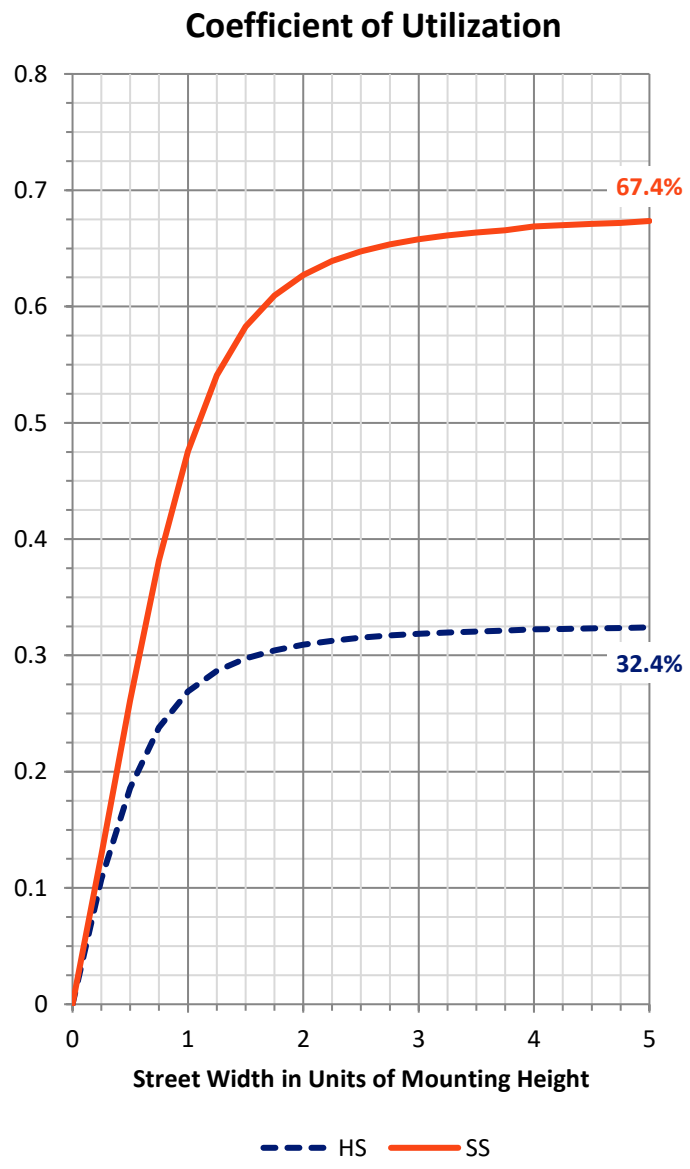
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3654.4	0.0	3654.4
	% Fixture	32.6	0.0	32.6
Street Side	Lumens	7560.4	0.0	7560.4
	% Fixture	67.4	0.0	67.4
Total	Lumens	11214.7	0.0	11214.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.9	1.9
10°-20°	632.9	5.6
20°-30°	1077.1	9.6
30°-40°	1544.9	13.8
40°-50°	1961.7	17.5
50°-60°	2158.1	19.2
60°-70°	2084.5	18.6
70°-80°	1311.2	11.7
80°-90°	236.5	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°	11214.7	100.0
0°-180°	11214.7	100.0



REPORT NUMBER: P1460088
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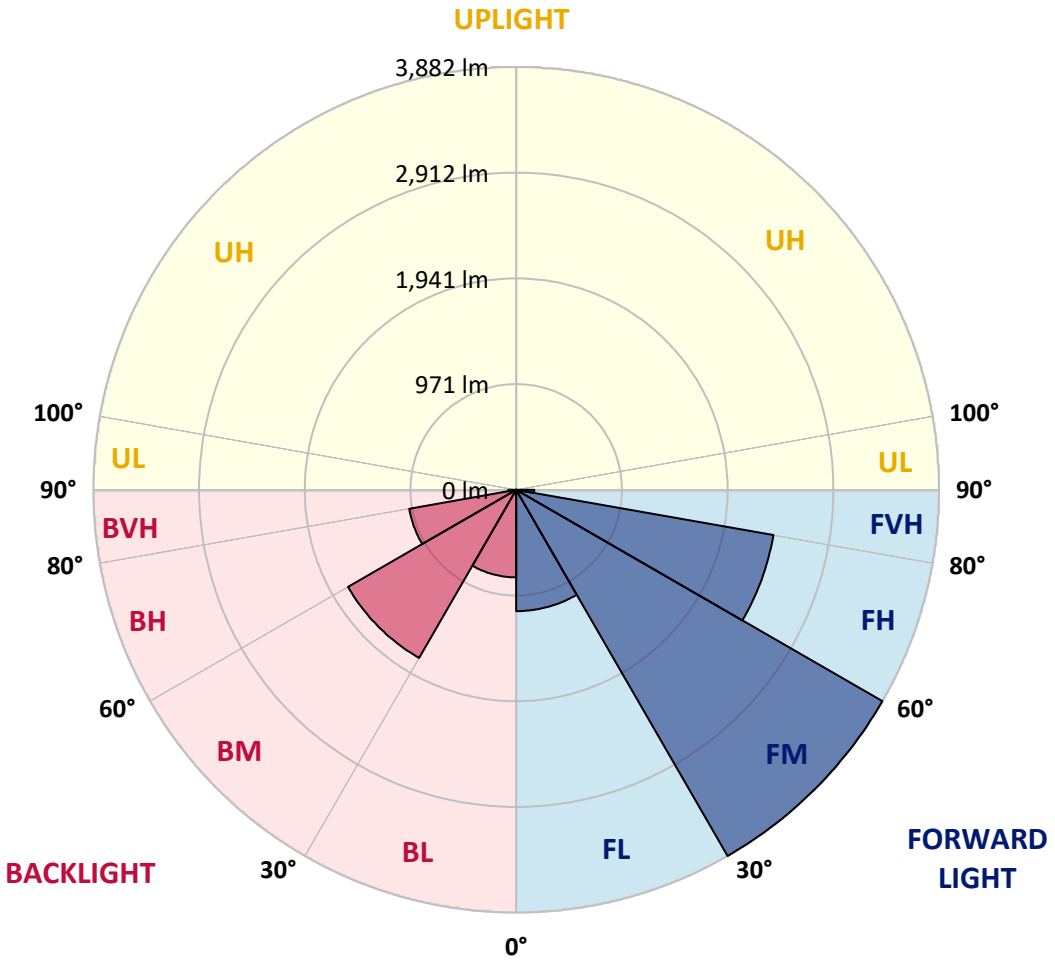
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1113.7	9.9			
FM	(30°-60°)	3882.2	34.6			
FH	(60°-80°)	2398.8	21.4			G2/5000
FVH	(80°-90°)	165.6	1.5			G2/225
BL	(0°-30°)	804.2	7.2	B2/1000		
BM	(30°-60°)	1782.4	15.9	B2/2500		
BH	(60°-80°)	996.9	8.9	B2/1000		G2/1000
BVH	(80°-90°)	70.9	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 II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	*2163.2*	2163.2
2.5°	2199.6	2208.2	2211.7	2213.4	2213.4	2201.3	2197.9	2178.8	2175.3	*2171.9*	2154.6
5°	2284.4	2279.3	2287.9	2277.5	2275.8	2249.8	2229.0	2203.0	2178.8	*2178.8*	2159.7
7.5°	2378.0	2374.5	2381.4	2371.0	2334.7	2307.0	2279.3	2230.8	2199.6	*2190.9*	2166.7
10°	2497.5	2485.4	2492.3	2454.2	2426.5	2367.6	2320.8	2261.9	2213.4	*2206.5*	2173.6
12.5°	2594.5	2596.2	2601.4	2565.0	2516.5	2454.2	2384.9	2301.8	2246.3	*2225.6*	2180.5
15°	2689.7	2708.8	2700.1	2667.2	2617.0	2532.1	2442.1	2345.1	2265.4	*2249.8*	2196.1
17.5°	2786.7	2783.3	2783.3	2752.1	2691.5	2613.5	2506.1	2388.4	2293.1	*2275.8*	2211.7
20°	2876.8	2868.1	2869.8	2849.1	2788.4	2703.6	2577.1	2450.7	2338.1	*2307.0*	2232.5
22.5°	2951.3	2965.1	2975.5	2946.1	2885.4	2788.4	2668.9	2516.5	2374.5	*2353.7*	2260.2
25°	3041.3	3048.2	3065.6	3051.7	2999.7	2908.0	2765.9	2601.4	2438.6	*2409.1*	2300.0
27.5°	3138.3	3140.0	3164.3	3162.5	3089.8	3004.9	2862.9	2684.5	2509.6	*2475.0*	2343.3
30°	3263.0	3257.8	3282.1	3271.7	3193.7	3101.9	2958.2	2774.6	2580.6	*2549.4*	2405.7
32.5°	3365.2	3375.6	3380.8	3386.0	3308.0	3211.0	3065.6	2885.4	2679.3	*2643.0*	2487.1
35°	3463.9	3463.9	3483.0	3481.2	3413.7	3332.3	3190.3	3003.2	2802.3	*2760.7*	2597.9
37.5°	3533.2	3547.0	3562.6	3567.8	3498.5	3422.3	3311.5	3136.6	2933.9	*2887.2*	2714.0
40°	3545.3	3567.8	3630.2	3645.8	3578.2	3512.4	3431.0	3278.6	3063.8	*3020.5*	2845.6
42.5°	3573.0	3609.4	3656.2	3690.8	3631.9	3573.0	3538.4	3413.7	3219.7	*3178.1*	3006.7
45°	3446.6	3450.1	3531.5	3621.5	3623.2	3607.7	3640.6	3580.0	3413.7	*3384.2*	3198.9
47.5°	3297.6	3269.9	3335.7	3476.0	3562.6	3628.4	3732.4	3744.5	3631.9	*3607.7*	3413.7
50°	2914.9	2937.4	3114.1	3290.7	3446.6	3607.7	3812.0	3943.7	3891.7	*3857.1*	3645.8
52.5°	2502.7	2513.1	2710.5	3082.9	3301.1	3576.5	3862.3	4139.4	4135.9	*4129.0*	3895.2
55°	2236.0	2239.4	2450.7	2752.1	3121.0	3458.7	3890.0	4326.4	4418.2	*4395.7*	4163.6
57.5°	1955.4	1971.0	2137.2	2364.1	2887.2	3297.6	3876.1	4473.6	4700.5	*4684.9*	4419.9
60°	1681.7	1721.6	1813.4	2047.2	2585.8	3089.8	3798.2	4600.1	4970.7	*4963.8*	4693.6
62.5°	1432.3	1453.1	1541.4	1771.8	2222.1	2857.7	3666.5	4652.0	5195.9	*5202.8*	4898.0
65°	1233.2	1238.3	1318.0	1513.7	1900.0	2582.3	3458.7	4603.5	5365.6	*5391.6*	5057.3
67°	*1058.2*	*1053.0*	*1146.6*	*1318.0*	*1667.9*	*2326.0*	*3256.1*	*4480.6*	*5402.0*	*5438.3*	*5093.7*
67.5°	992.4	1002.8	1110.2	1271.3	1622.8	2260.2	3188.5	4435.5	5393.3	*5434.9*	5072.9
70°	717.0	725.7	885.0	1065.2	1354.4	1919.0	2828.3	4123.8	5211.5	*5251.3*	4818.3
72.5°	543.8	549.0	699.7	878.1	1125.8	1583.0	2405.7	3704.7	4717.8	*4780.2*	4312.6
75°	434.7	429.5	540.4	711.8	905.8	1274.7	1891.3	2977.2	3881.3	*3973.1*	3502.0
77.5°	336.0	332.5	384.5	557.7	724.0	969.9	1389.0	2258.5	2998.0	*2979.0*	2653.4
80°	211.3	216.5	230.4	367.2	514.4	673.7	930.1	1449.6	2061.0	*2113.0*	1879.2
82.5°	109.1	119.5	128.2	199.2	273.6	374.1	588.9	914.5	1364.8	*1394.2*	1264.3
85°	22.5	20.8	29.4	50.2	77.9	123.0	176.7	294.4	396.6	*438.2*	388.0
87.5°	1.7	1.7	3.5	3.5	3.5	5.2	10.4	10.4	8.7	*8.7*	8.7
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: P1460088
CATALOG NUMBER: PRV-P-PB2D-727-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2	2163.2
2.5°	2161.5	2152.8	2147.6	2139.0	2137.2	2140.7	2130.3	2126.8	2116.4	2109.5	2111.3
5°	2161.5	2151.1	2135.5	2113.0	2107.8	2106.1	2093.9	2078.3	2066.2	2062.8	2054.1
7.5°	2156.3	2145.9	2119.9	2095.7	2073.2	2061.0	2050.6	2036.8	2012.5	1996.9	1998.7
10°	2156.3	2139.0	2104.3	2071.4	2042.0	2016.0	1996.9	1979.6	1962.3	1941.5	1945.0
12.5°	2161.5	2140.7	2093.9	2047.2	2007.3	1977.9	1951.9	1931.1	1917.3	1893.0	1893.0
15°	2168.4	2137.2	2078.3	2022.9	1976.2	1938.1	1903.4	1884.4	1868.8	1856.7	1854.9
17.5°	2173.6	2139.0	2064.5	1993.5	1932.9	1887.8	1858.4	1844.5	1835.9	1827.2	1823.7
20°	2185.7	2145.9	2055.8	1969.2	1898.2	1844.5	1820.3	1811.6	1813.4	1803.0	1801.2
22.5°	2213.4	2154.6	2047.2	1943.3	1853.2	1808.2	1783.9	1771.8	1775.3	1768.3	1768.3
25°	2234.2	2175.3	2045.4	1920.7	1823.7	1766.6	1740.6	1732.0	1732.0	1725.0	1719.8
27.5°	2267.1	2199.6	2040.2	1900.0	1785.6	1725.0	1692.1	1681.7	1673.1	1671.3	1669.6
30°	2326.0	2239.4	2050.6	1868.8	1745.8	1673.1	1631.5	1617.6	1614.2	1614.2	1610.7
32.5°	2388.4	2298.3	2071.4	1858.4	1707.7	1612.5	1569.2	1551.8	1553.6	1544.9	1544.9
35°	2488.8	2369.3	2102.6	1860.1	1669.6	1550.1	1503.3	1491.2	1479.1	1470.4	1470.4
37.5°	2585.8	2457.6	2139.0	1853.2	1638.4	1499.9	1439.3	1402.9	1394.2	1385.6	1383.8
40°	2705.3	2552.9	2184.0	1835.9	1596.9	1435.8	1354.4	1304.2	1304.2	1300.7	1297.2
42.5°	2850.8	2674.1	2232.5	1834.1	1551.8	1371.7	1253.9	1202.0	1193.3	1191.6	1200.2
45°	3020.5	2826.6	2298.3	1832.4	1512.0	1299.0	1155.2	1080.7	1075.5	1058.2	1061.7
47.5°	3216.2	2989.4	2372.8	1825.5	1461.8	1212.4	1042.6	961.2	935.3	924.9	917.9
50°	3429.3	3160.8	2438.6	1816.8	1396.0	1108.5	928.3	840.0	807.1	789.8	781.1
52.5°	3666.5	3330.5	2506.1	1799.5	1316.3	1008.0	824.4	736.1	698.0	682.4	677.2
55°	3891.7	3503.7	2559.8	1775.3	1236.6	902.3	727.4	647.8	616.6	609.6	607.9
57.5°	4104.7	3663.1	2606.6	1735.4	1146.6	814.0	652.9	585.4	561.2	568.1	566.3
60°	4298.7	3801.6	2627.4	1674.8	1054.8	727.4	592.3	536.9	523.1	536.9	535.2
62.5°	4485.8	3903.8	2622.2	1598.6	959.5	659.9	536.9	493.6	490.1	519.6	521.3
65°	4568.9	3924.6	2568.5	1486.0	859.0	590.6	484.9	438.2	438.2	457.2	460.7
67°	*4565.4*	*3865.7*	*2466.3*	*1364.8*	*774.2*	*543.8*	*446.8*	*405.3*	*400.1*	*412.2*	*410.5*
67.5°	4534.3	3831.1	2424.7	1331.9	755.1	531.7	436.5	396.6	393.2	403.5	400.1
70°	4253.7	3555.7	2184.0	1141.4	656.4	472.8	388.0	355.1	342.9	349.9	346.4
72.5°	3722.0	3070.8	1792.6	928.3	568.1	408.7	339.5	303.1	289.2	278.8	271.9
75°	2958.2	2416.1	1373.4	736.1	464.2	344.7	284.0	240.7	209.6	213.0	209.6
77.5°	2222.1	1775.3	988.9	562.9	358.5	275.4	214.8	173.2	150.7	162.8	157.6
80°	1584.7	1245.3	711.8	410.5	254.6	183.6	148.9	116.0	123.0	123.0	67.5
82.5°	1099.8	874.6	507.5	270.2	150.7	107.4	79.7	72.7	93.5	38.1	1.7
85°	336.0	284.0	197.4	97.0	48.5	29.4	17.3	29.4	10.4	1.7	0.0
87.5°	8.7	8.7	6.9	6.9	3.5	1.7	1.7	1.7	1.7	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: SP2-2501-321-3

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

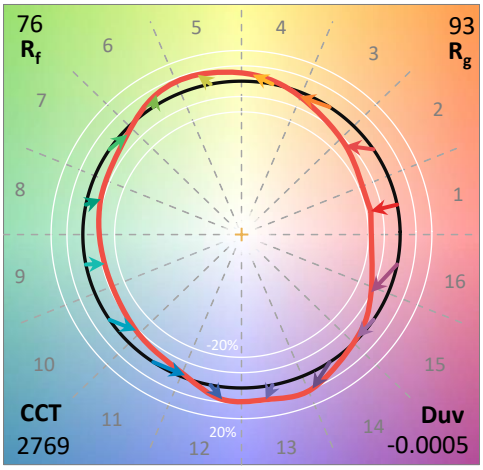
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



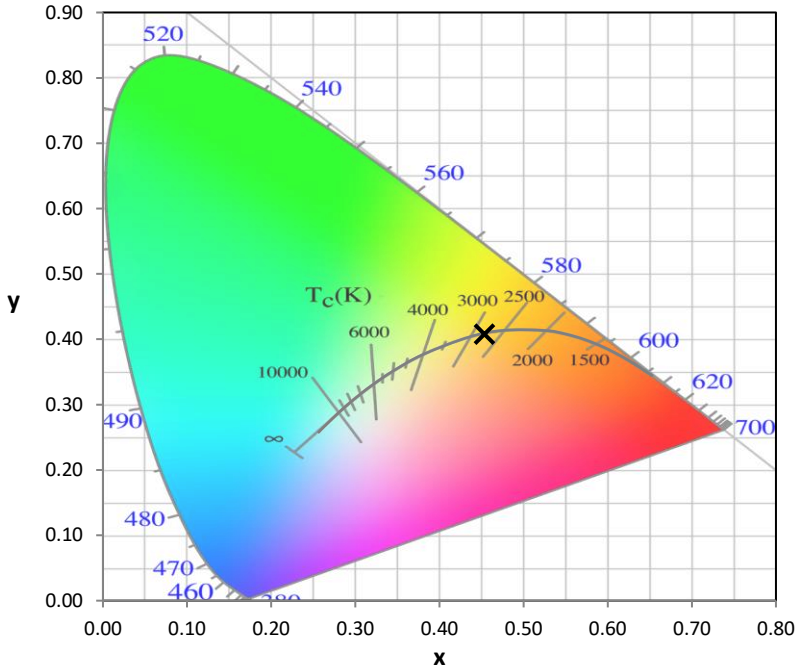
Test Conditions

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

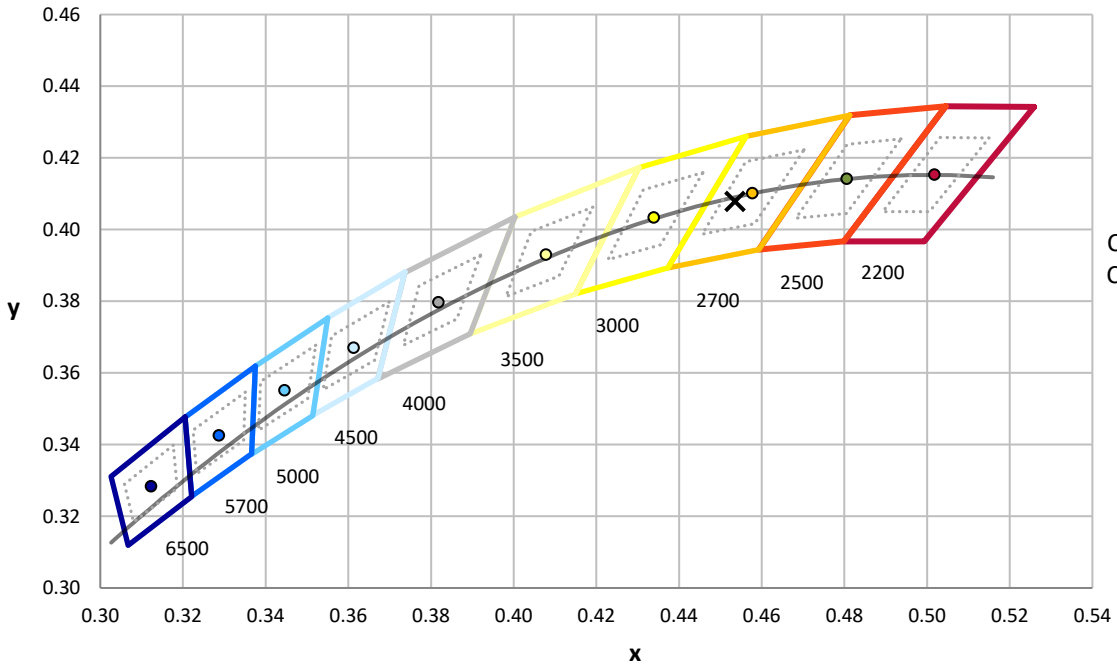
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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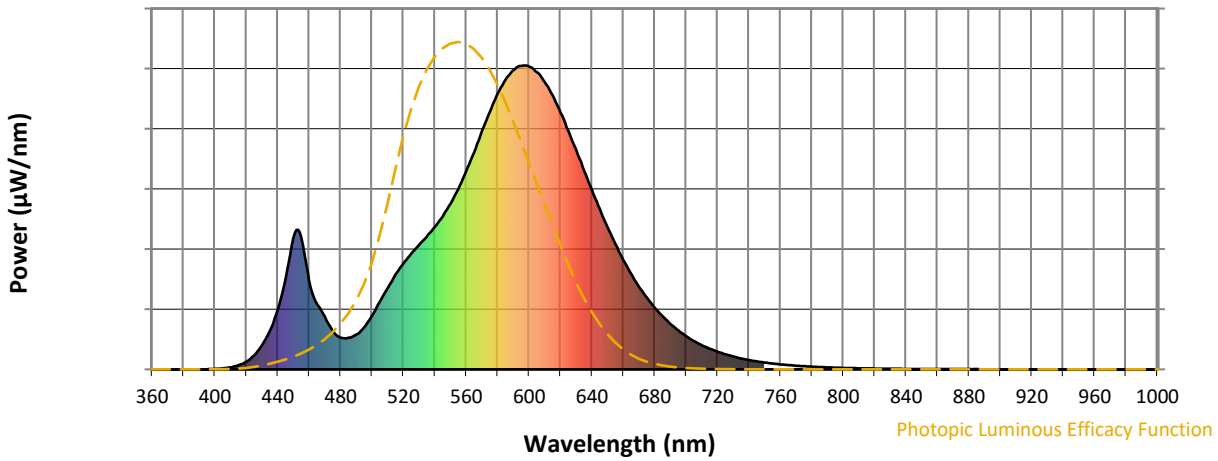
Photopic Flux vs. Wavelength



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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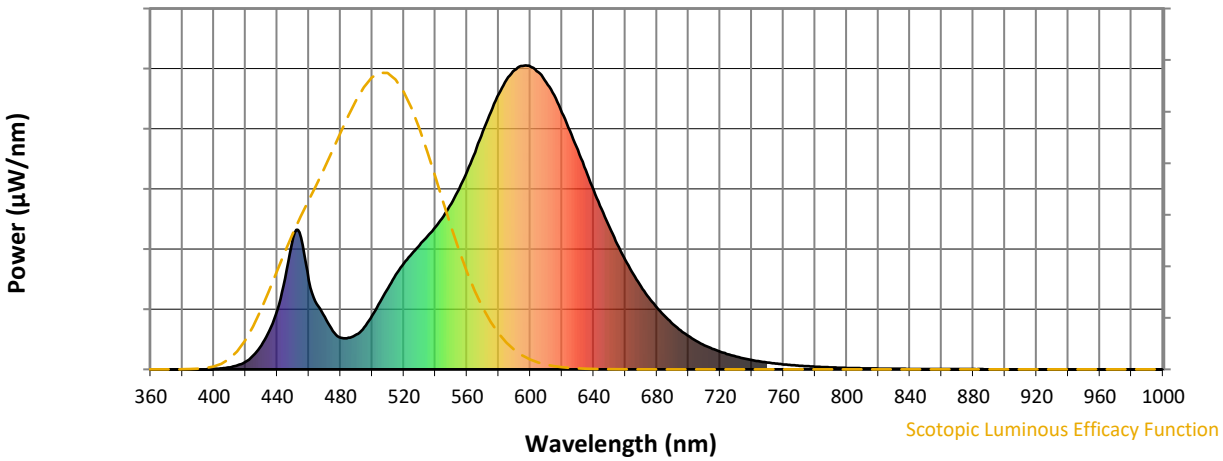
Scotopic Flux vs. Wavelength



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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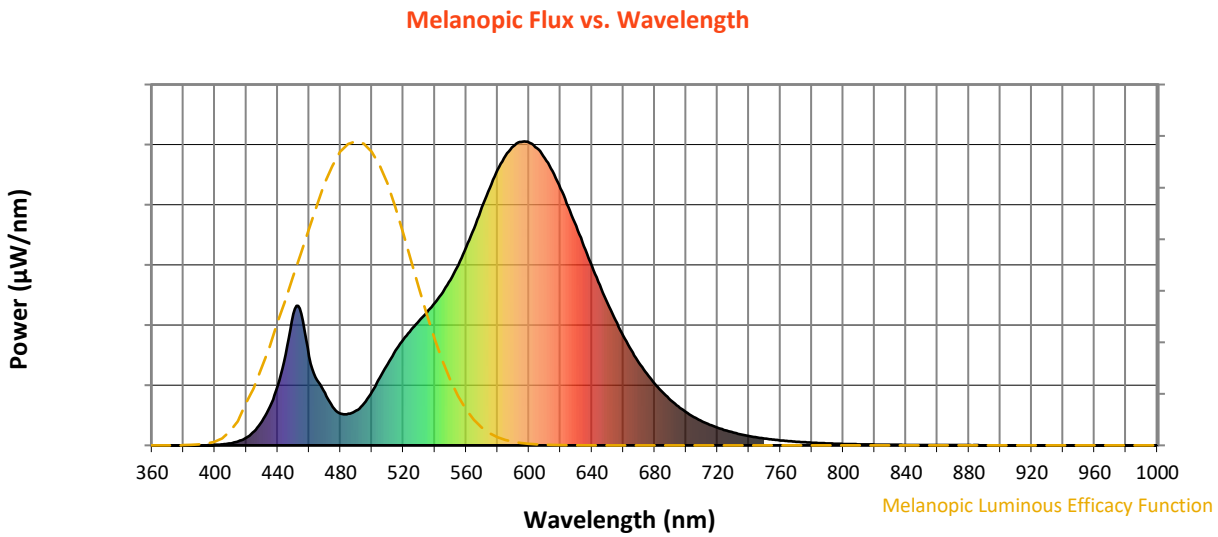

Melanopic Lumens: NR **M/P: 2.08**

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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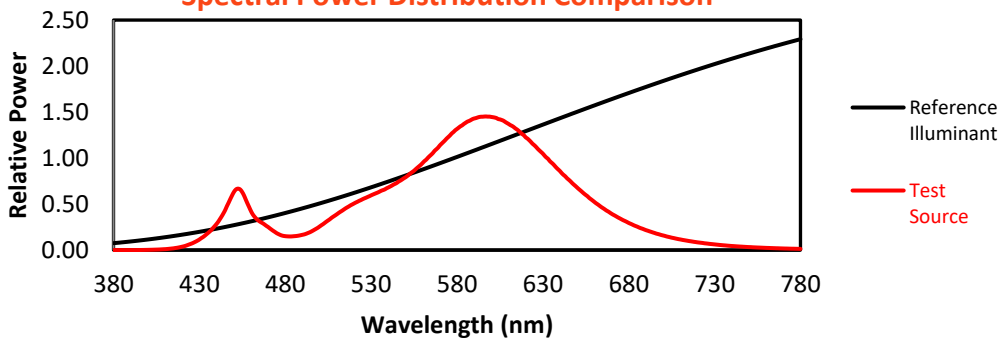
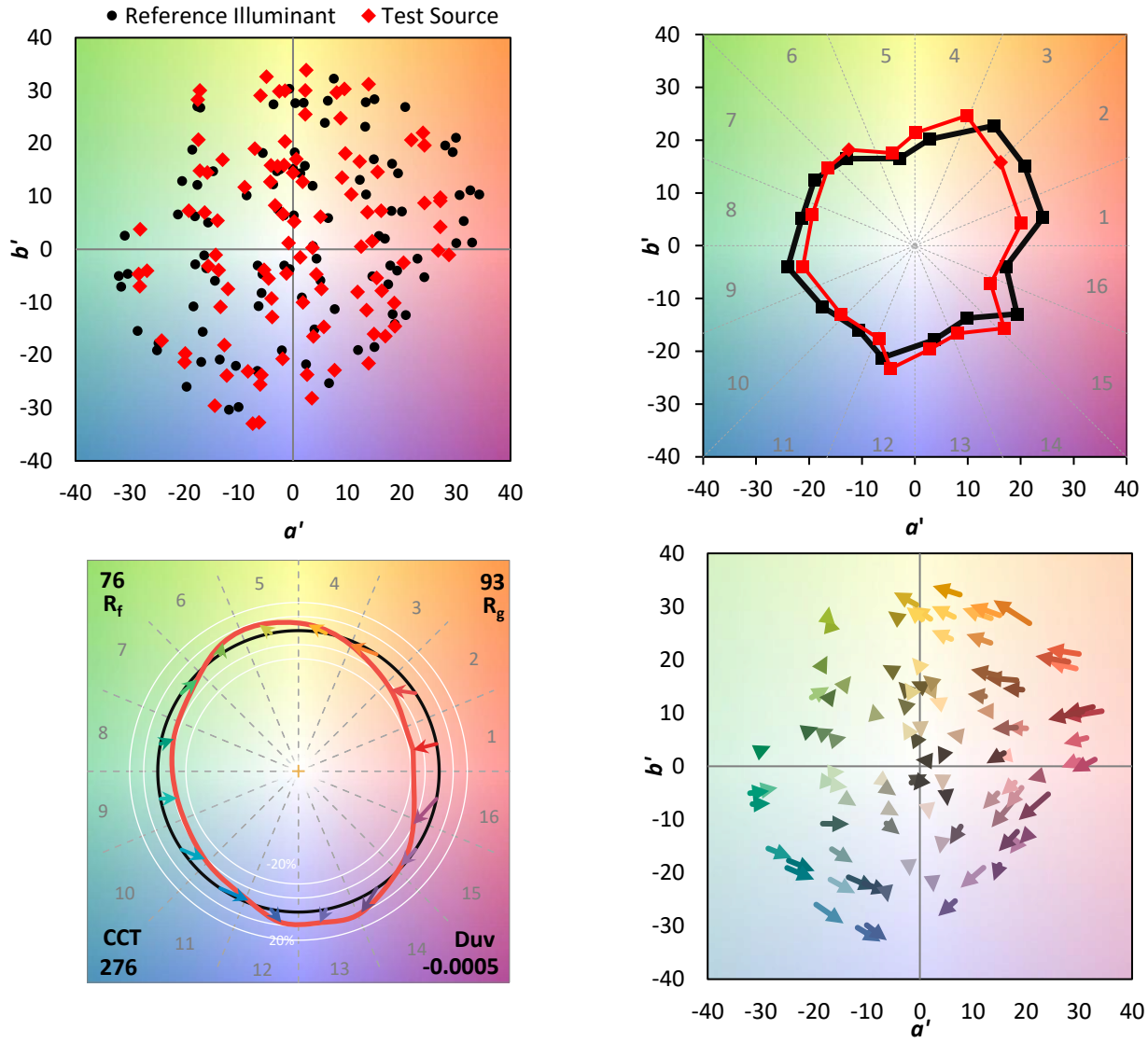
Summary

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

Spectral Power Distribution Comparison

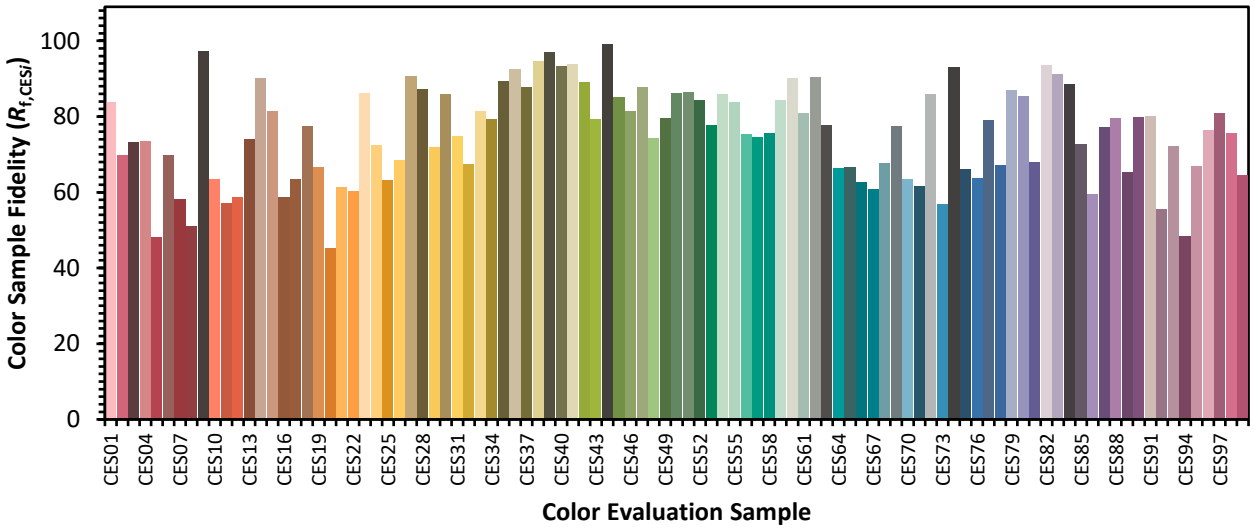


Color Vector Graphics

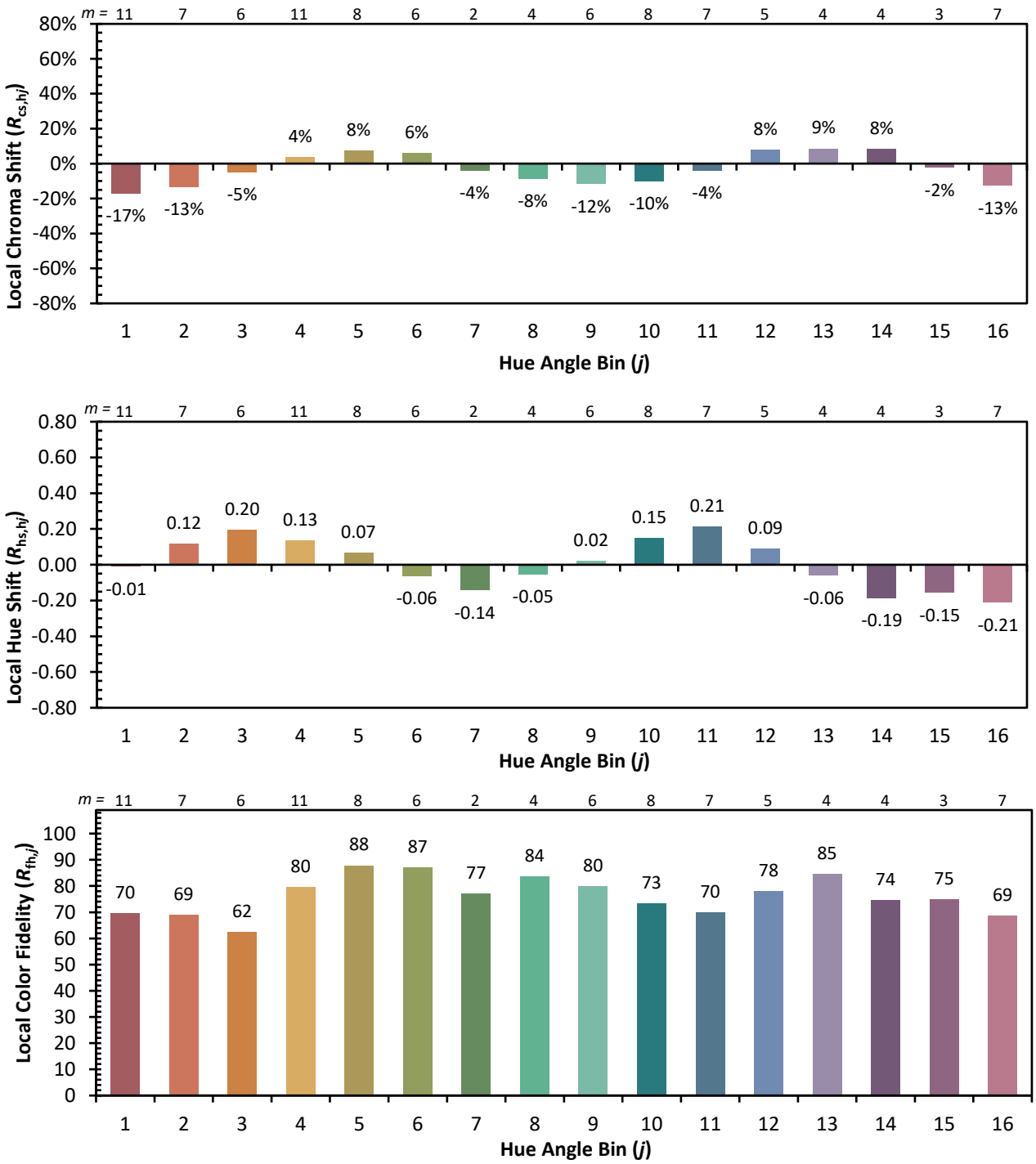


Individual Sample Fidelity Index ($R_{f,i}$)

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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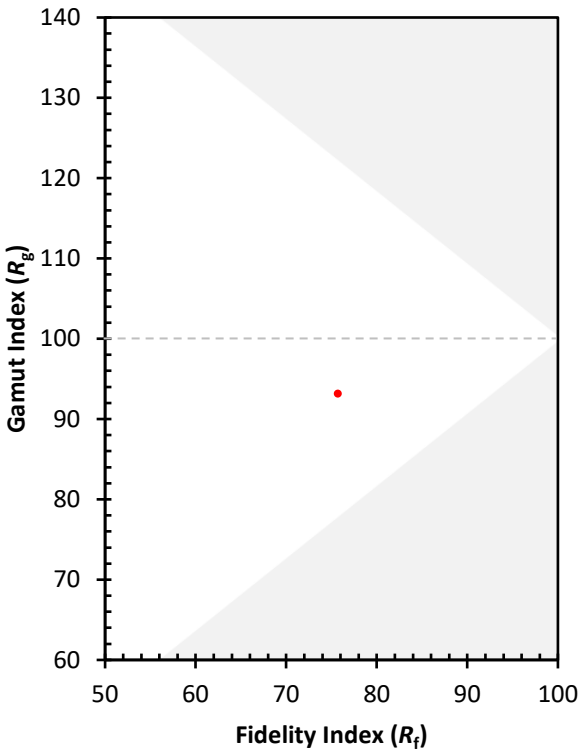
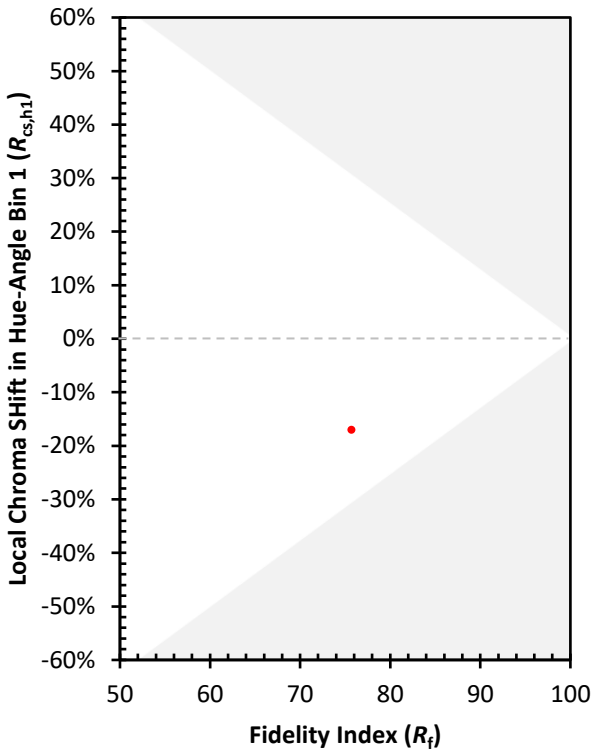
Measure Comparisons





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