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: P1460866

Luminaire Tested: PRV-PC1B-727-U-T3R

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460866
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1B-727-U-T3R
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 585MA 70CRI 2700K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10888.1 lumens
Efficiency:	N/A
Efficacy:	149.2 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2
Input Watts (W):	73
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.73%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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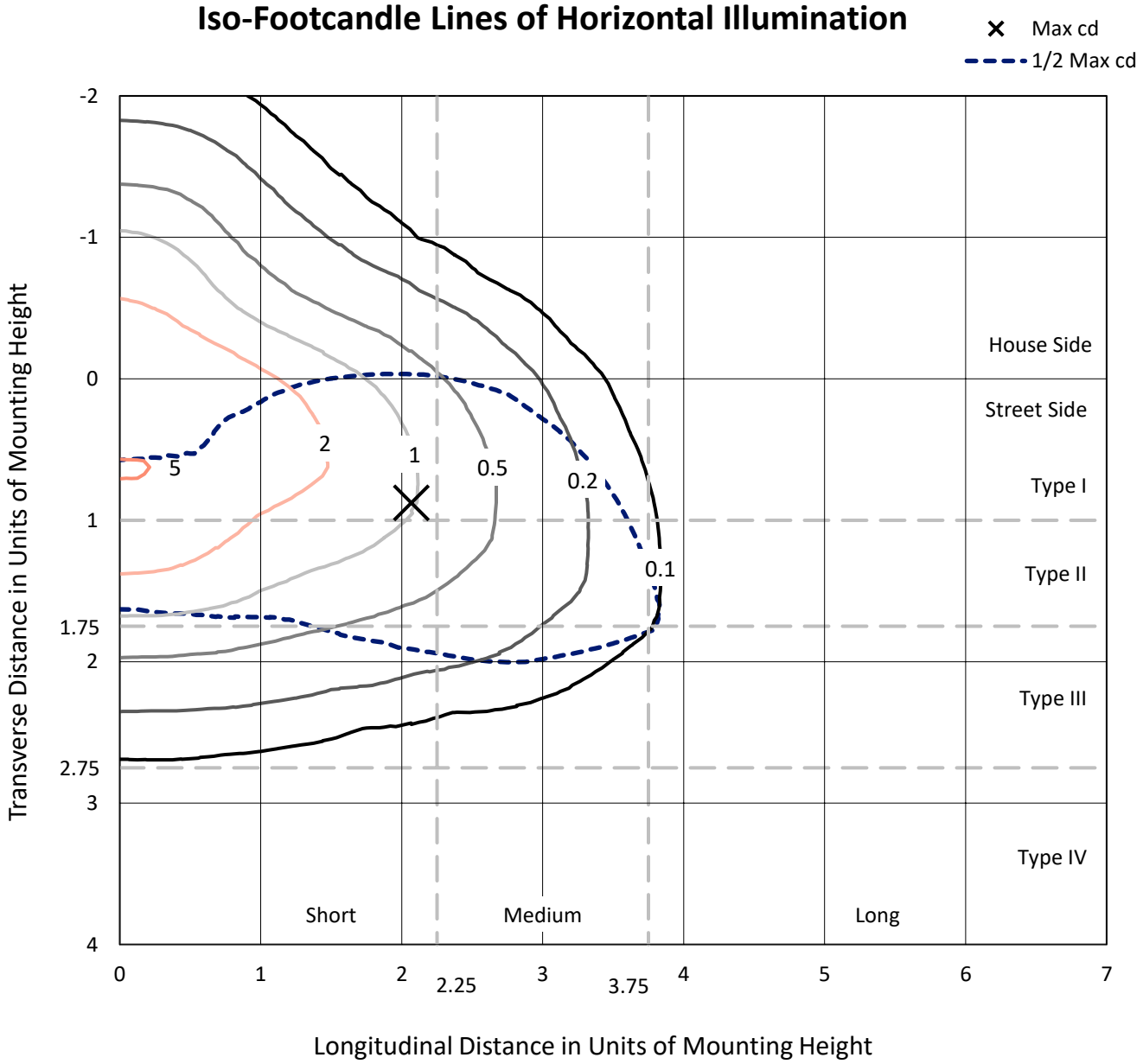
Scaled Data Report

REPORT NUMBER: P1460866
CATALOG NUMBER: PRV-PC1B-727-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 5.2 fc
Type III - Short - N/A

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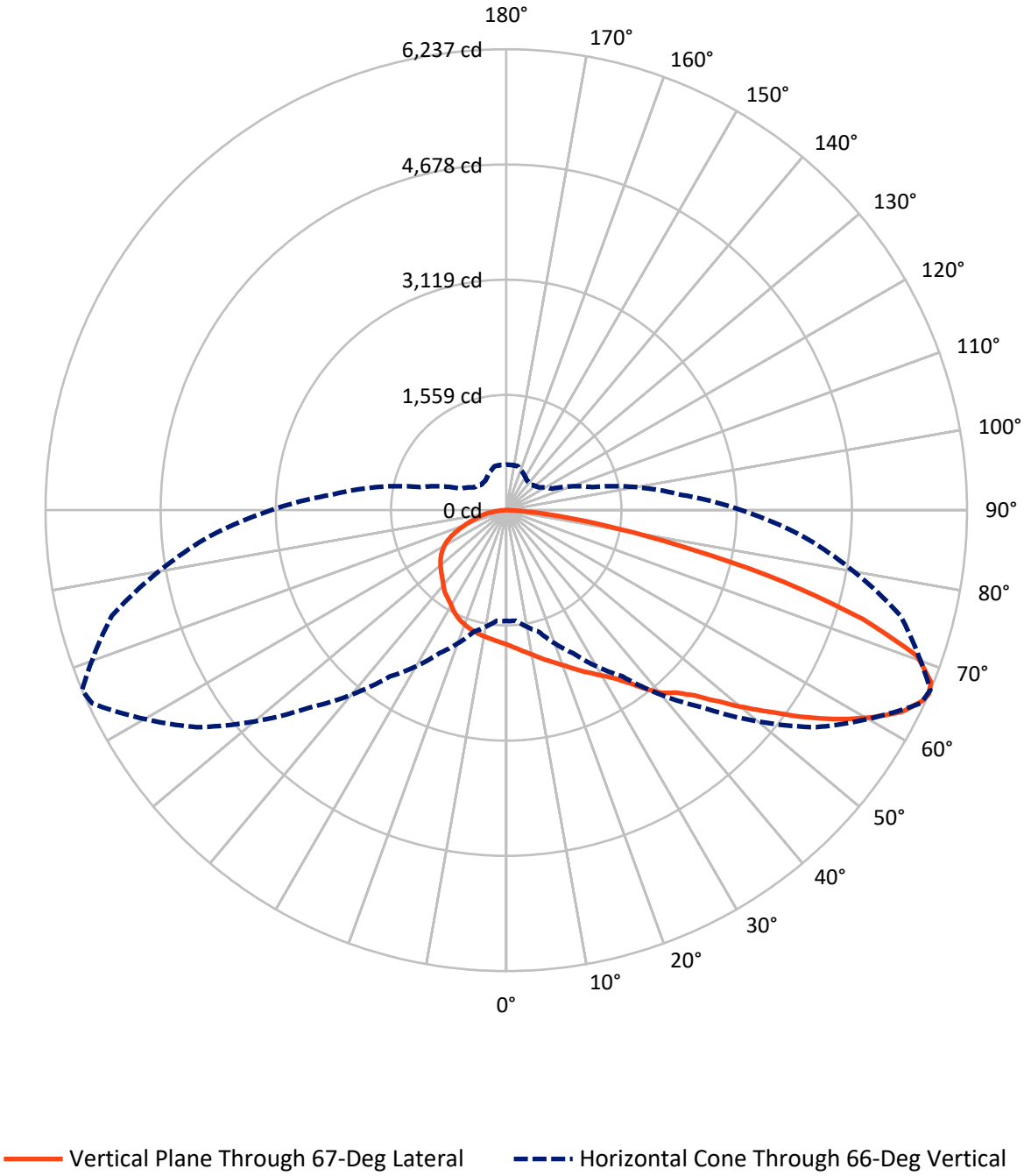
CATALOG NUMBER: PRV-PC1B-727-U-T3R

Luminous Intensity Polar Plot



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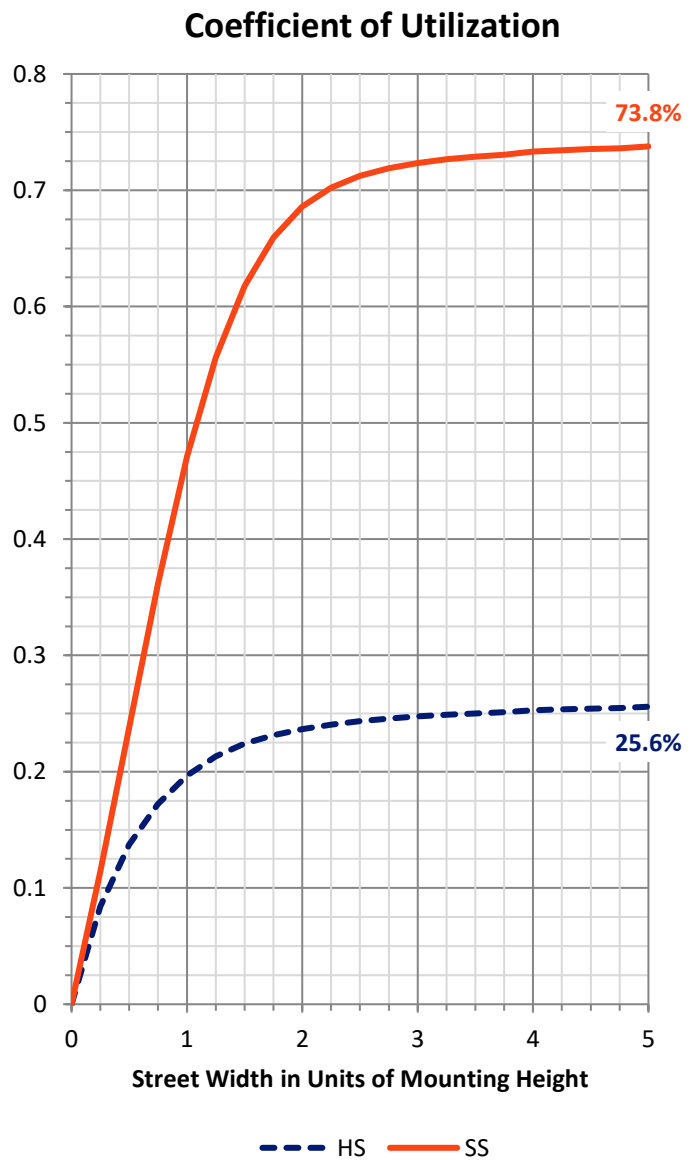
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2821.8	0.0	2821.8
	% Fixture	25.9	0.0	25.9
Street Side	Lumens	8066.3	0.0	8066.3
	% Fixture	74.1	0.0	74.1
Total	Lumens	10888.1	0.0	10888.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.3	1.6
10°-20°	527.7	4.8
20°-30°	898.2	8.2
30°-40°	1404.1	12.9
40°-50°	1941.6	17.8
50°-60°	2328.4	21.4
60°-70°	2246.8	20.6
70°-80°	1159.5	10.6
80°-90°	206.5	1.9
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°	10888.1	100.0
0°-180°	10888.1	100.0



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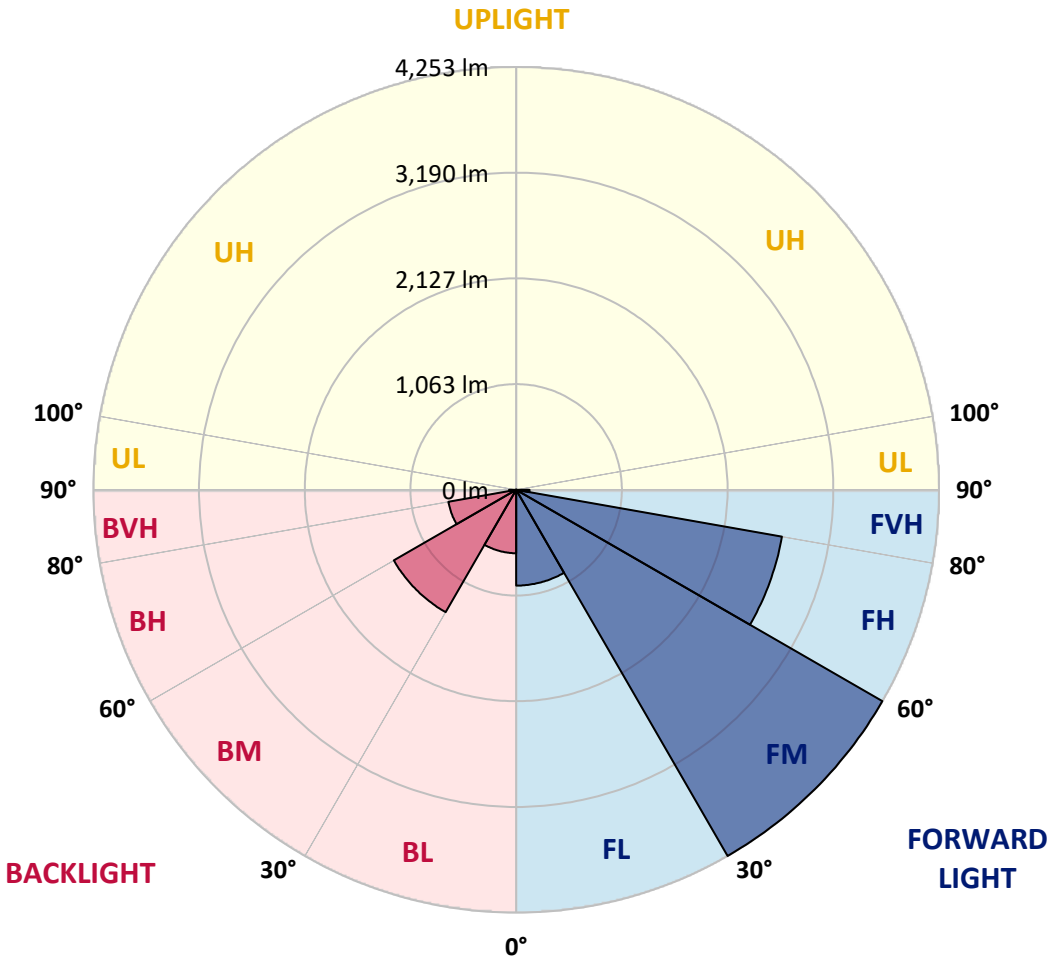
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	963.6	8.8			
FM	(30°-60°)	4253.3	39.1			
FH	(60°-80°)	2714.6	24.9			G2/5000
FVH	(80°-90°)	134.8	1.2			G2/225
BL	(0°-30°)	637.6	5.9	B2/1000		
BM	(30°-60°)	1420.8	13.0	B2/2500		
BH	(60°-80°)	691.8	6.4	B2/1000		G2/1000
BVH	(80°-90°)	71.6	0.7			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	67°	75°	85°
0°	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6	*1819.6*	1819.6	1819.6
2.5°	1893.5	1895.0	1896.0	1893.0	1883.4	1876.8	1871.7	1855.5	*1856.0*	1845.9	1827.2
5°	1965.8	1973.4	1971.4	1965.8	1954.2	1938.0	1920.3	1894.5	*1896.5*	1874.8	1842.4
7.5°	2034.7	2044.3	2040.7	2036.2	2023.0	2002.3	1981.5	1944.1	*1942.6*	1909.7	1860.6
10°	2089.3	2099.4	2099.4	2096.4	2090.8	2067.0	2040.2	1999.7	*1991.7*	1945.6	1886.9
12.5°	2134.3	2143.5	2149.5	2147.0	2149.0	2132.8	2103.5	2059.5	*2051.4*	1990.1	1916.3
15°	2161.2	2178.4	2182.9	2191.0	2201.6	2195.1	2174.8	2115.6	*2110.6*	2041.7	1947.1
17.5°	2188.5	2198.1	2209.2	2229.5	2246.7	2256.8	2236.6	2187.0	*2173.8*	2090.8	1979.5
20°	2220.4	2238.1	2250.2	2271.5	2295.8	2320.6	2316.0	2257.3	*2244.2*	2152.1	2019.0
22.5°	2304.9	2317.5	2323.1	2337.8	2366.6	2391.4	2394.4	2342.8	*2326.6*	2226.4	2066.0
25°	2474.9	2489.1	2467.8	2451.6	2443.5	2465.3	2480.5	2432.9	*2415.2*	2300.3	2112.1
27.5°	2777.5	2777.0	2715.2	2649.5	2579.1	2553.3	2564.0	2523.5	*2504.2*	2372.2	2165.7
30°	3121.1	3137.8	3085.6	2926.3	2760.8	2656.5	2663.1	2617.6	*2602.9*	2459.2	2228.0
32.5°	3480.3	3489.9	3427.7	3274.4	3007.7	2815.9	2777.0	2739.0	*2717.8*	2575.1	2308.4
35°	3654.9	3674.1	3640.7	3494.0	3225.3	3011.3	2944.5	2904.0	*2875.1*	2712.2	2412.1
37.5°	3880.6	3908.4	3901.8	3693.4	3360.9	3167.6	3120.6	3081.1	*3068.4*	2883.7	2543.7
40°	4213.0	4212.0	4226.7	3893.7	3505.1	3275.9	3277.4	3278.9	*3254.1*	3024.9	2641.4
42.5°	4373.9	4369.4	4320.3	4004.6	3673.1	3382.7	3401.9	3399.9	*3374.1*	3132.2	2718.8
45°	4423.0	4417.5	4300.6	4089.6	3936.2	3503.1	3558.3	3599.8	*3578.5*	3327.5	2873.1
47.5°	4388.6	4377.5	4313.2	4140.2	4080.5	3715.1	3737.4	3873.0	*3868.9*	3570.9	3052.2
50°	4303.1	4272.2	4253.0	4158.4	4038.5	3809.7	3959.0	4210.5	*4200.9*	3869.5	3243.5
52.5°	4114.4	4110.3	4134.6	4072.4	3951.4	3852.3	4201.4	4549.0	*4551.0*	4173.1	3436.3
55°	3879.6	3864.9	3941.3	3936.2	3860.3	3936.8	4439.7	4937.6	*4951.8*	4486.8	3643.3
57.5°	3315.9	3332.6	3659.0	3750.5	3765.2	4023.3	4694.2	5304.5	*5333.8*	4804.6	3820.4
60°	2764.8	2797.2	3032.0	3445.4	3616.4	4068.3	4932.6	5677.9	*5690.1*	5122.8	3981.3
62.5°	2292.2	2282.6	2497.2	2963.7	3377.1	4050.6	5101.1	5966.9	*6010.9*	5376.4	4073.4
65°	1700.2	1723.0	1955.7	2369.1	2971.8	3883.1	5154.2	6166.7	*6203.2*	5517.0	4069.8
66°	*1499.3*	*1503.4*	*1703.2*	*2134.3*	*2746.1*	*3779.4*	*5120.3*	*6185.5*	*6237.1*	*5527.1*	*4026.8*
67.5°	1239.2	1244.8	1403.7	1756.4	2390.4	3553.7	4990.8	6151.1	*6200.6*	5471.0	3891.7
70°	880.0	909.8	994.8	1232.1	1685.0	2890.8	4574.3	5778.6	*5892.0*	5114.7	3497.5
72.5°	637.1	645.2	714.0	836.9	1059.1	1927.4	3785.5	4976.6	*5049.5*	4277.3	2788.1
75°	454.4	464.5	522.7	571.8	700.8	1189.1	2669.2	3898.3	*3881.1*	3060.3	1899.6
77.5°	353.2	360.8	382.0	408.3	470.6	680.1	1606.6	2634.3	*2596.8*	1918.3	1184.1
80°	286.9	288.9	282.4	293.0	324.4	428.6	919.4	1573.2	*1539.8*	1082.4	717.0
82.5°	223.7	226.2	221.1	214.0	229.7	289.4	536.9	831.9	*827.3*	627.5	388.6
85°	143.2	148.8	142.7	132.6	143.2	176.1	282.9	354.7	*341.1*	283.9	147.8
87.5°	79.9	78.9	72.4	58.2	50.6	63.8	78.9	79.4	*76.4*	66.8	40.5
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: P1460866
CATALOG NUMBER: PRV-PC1B-727-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6	1819.6
2.5°	1823.2	1819.6	1804.9	1791.8	1778.1	1770.0	1757.9	1752.3	1745.7	1740.2	1735.1
5°	1833.3	1821.1	1793.3	1767.5	1742.7	1726.5	1704.7	1694.1	1682.0	1677.4	1671.3
7.5°	1845.4	1822.1	1784.7	1744.7	1711.3	1681.5	1653.6	1636.9	1623.3	1619.2	1618.7
10°	1861.1	1832.8	1777.1	1725.0	1678.4	1638.0	1602.5	1577.2	1562.1	1556.5	1554.0
12.5°	1879.8	1842.4	1772.0	1705.8	1645.0	1595.4	1551.4	1519.5	1504.9	1495.8	1496.8
15°	1902.1	1854.5	1766.5	1683.5	1606.6	1547.4	1493.7	1457.3	1440.1	1433.5	1432.5
17.5°	1925.4	1865.7	1760.4	1657.2	1564.1	1491.2	1435.0	1394.1	1372.3	1370.8	1374.8
20°	1952.2	1882.4	1753.3	1627.3	1519.5	1436.1	1373.8	1337.9	1316.1	1314.1	1322.2
22.5°	1983.6	1898.5	1742.7	1592.9	1470.0	1378.9	1317.6	1283.2	1266.0	1268.1	1274.6
25°	2019.0	1916.3	1729.0	1554.5	1414.8	1319.2	1262.5	1238.2	1227.6	1231.6	1240.7
27.5°	2053.9	1936.0	1708.3	1506.9	1355.6	1264.5	1224.0	1206.3	1203.3	1210.9	1221.5
30°	2096.9	1955.2	1683.5	1450.7	1291.8	1217.0	1188.1	1184.1	1187.1	1193.7	1205.8
32.5°	2156.6	1994.2	1666.3	1399.1	1235.7	1169.9	1164.8	1171.4	1179.5	1188.1	1201.8
35°	2237.1	2043.8	1661.7	1356.6	1184.6	1132.4	1145.1	1171.4	1185.1	1195.2	1208.4
37.5°	2338.3	2104.5	1655.2	1317.1	1136.5	1095.0	1131.4	1178.5	1196.7	1201.8	1211.9
40°	2394.9	2122.2	1608.1	1265.5	1090.5	1062.1	1117.3	1180.0	1195.7	1203.3	1211.9
42.5°	2447.1	2130.8	1564.1	1213.4	1054.5	1028.2	1093.0	1161.8	1187.6	1220.5	1231.6
45°	2547.8	2187.0	1546.4	1166.9	1017.1	990.3	1045.9	1118.8	1184.1	1220.5	1229.6
47.5°	2678.3	2249.7	1529.2	1123.8	975.1	939.2	974.1	1086.4	1159.3	1187.1	1190.6
50°	2813.9	2305.9	1506.4	1082.9	923.0	869.8	913.3	1039.3	1116.8	1129.9	1133.0
52.5°	2936.4	2357.5	1484.1	1039.8	868.3	801.5	850.6	973.6	1043.4	1046.9	1054.5
55°	3058.8	2407.1	1456.8	994.8	803.0	731.2	779.3	887.5	942.7	937.1	937.1
57.5°	3155.0	2451.6	1432.0	939.2	741.8	670.5	705.4	790.4	842.5	837.4	832.9
60°	3235.9	2480.5	1402.7	874.4	680.1	611.8	633.5	708.9	759.5	748.4	748.4
62.5°	3268.3	2481.0	1354.6	805.6	616.8	555.1	569.3	636.6	693.7	687.2	691.2
65°	3231.4	2433.9	1254.4	721.1	557.1	500.9	512.6	570.3	637.6	635.5	639.6
66°	*3180.3*	*2379.3*	*1200.8*	*686.7*	*535.9*	*484.3*	*488.3*	*547.5*	*614.3*	*615.3*	*614.8*
67.5°	3068.9	2281.1	1104.6	637.6	501.5	452.4	457.4	516.6	582.9	577.9	579.9
70°	2783.6	1962.8	907.3	550.5	449.8	400.8	408.9	470.1	519.2	514.1	513.1
72.5°	2224.9	1481.1	732.7	470.1	397.7	355.2	367.4	409.9	470.6	468.1	469.6
75°	1475.5	968.0	576.3	395.7	343.1	319.3	320.3	356.7	415.4	423.0	427.6
77.5°	918.9	662.4	463.5	332.4	287.9	267.2	269.2	307.7	355.7	359.3	363.3
80°	589.5	488.3	365.3	269.7	220.1	215.6	222.1	257.6	297.5	300.6	298.5
82.5°	355.7	316.3	273.2	192.8	170.0	170.0	179.1	207.0	221.6	172.0	160.9
85°	141.7	164.5	148.8	106.3	109.3	111.8	117.4	140.2	147.8	77.9	61.2
87.5°	32.9	45.0	44.0	30.9	33.9	36.9	36.4	59.2	73.9	33.4	19.2
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

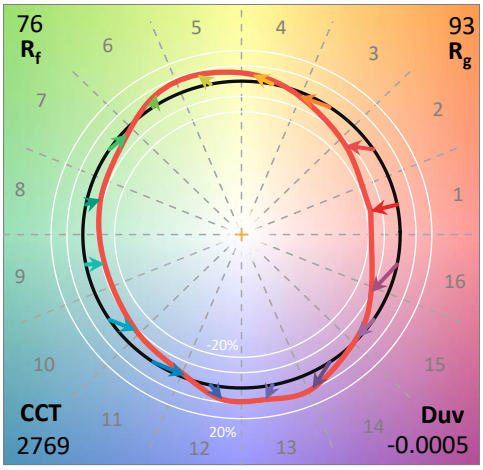
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



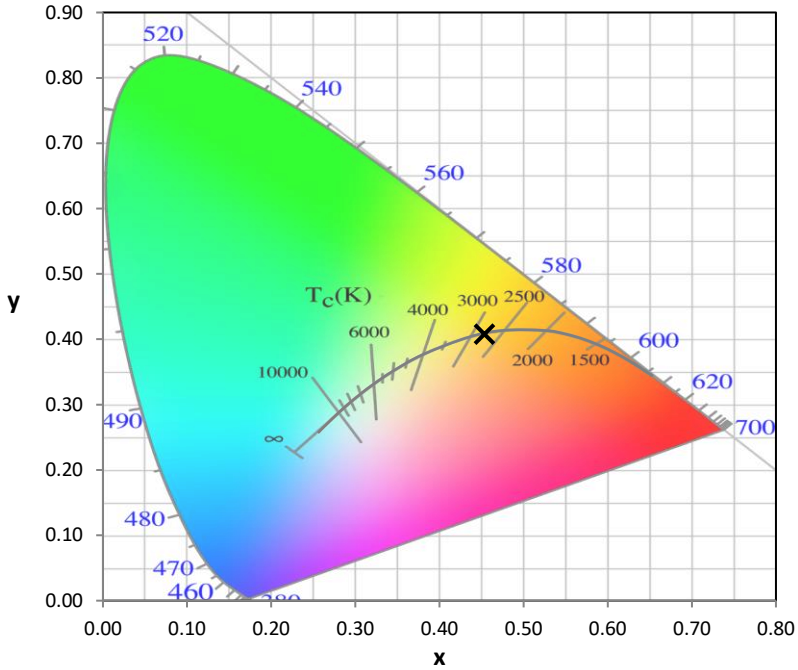
Test Conditions

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

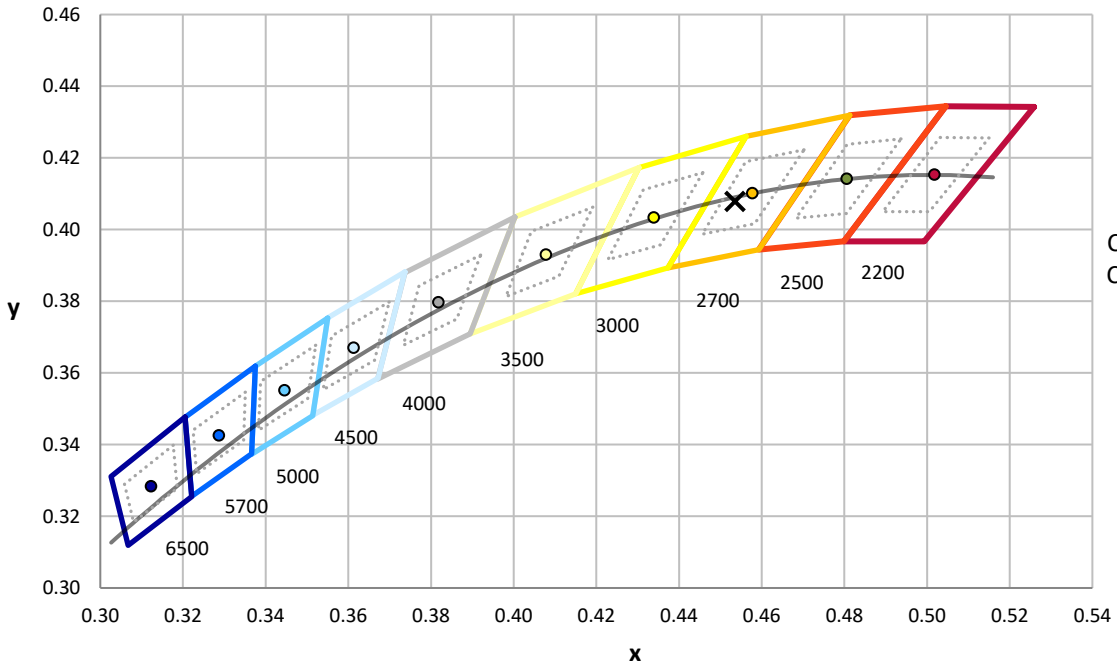
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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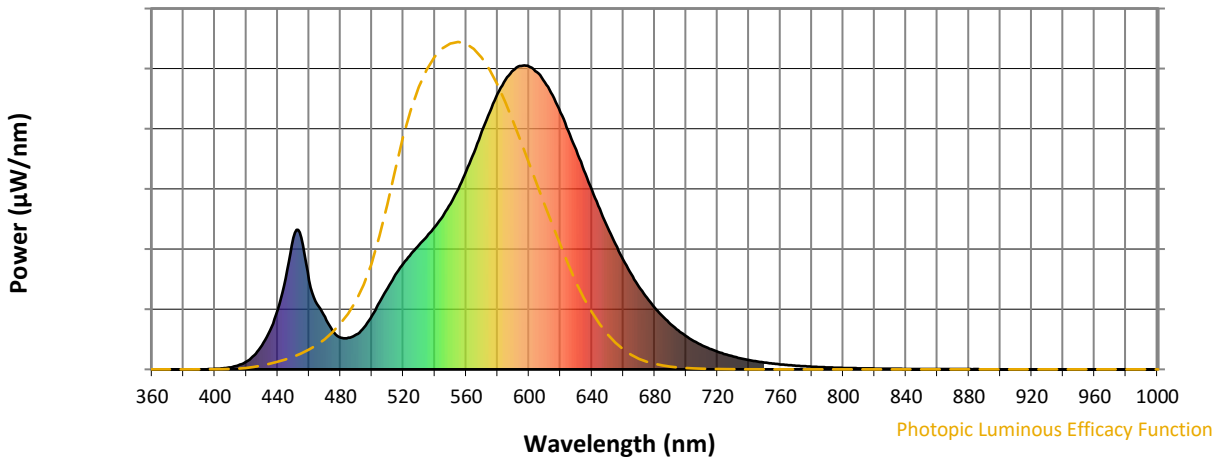
Photopic Flux vs. Wavelength



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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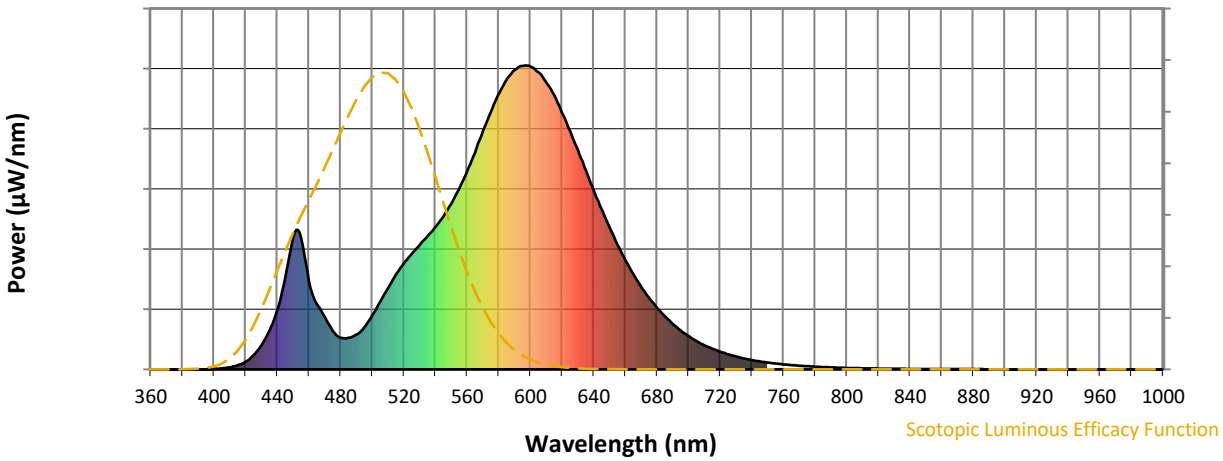
Scotopic Flux vs. Wavelength



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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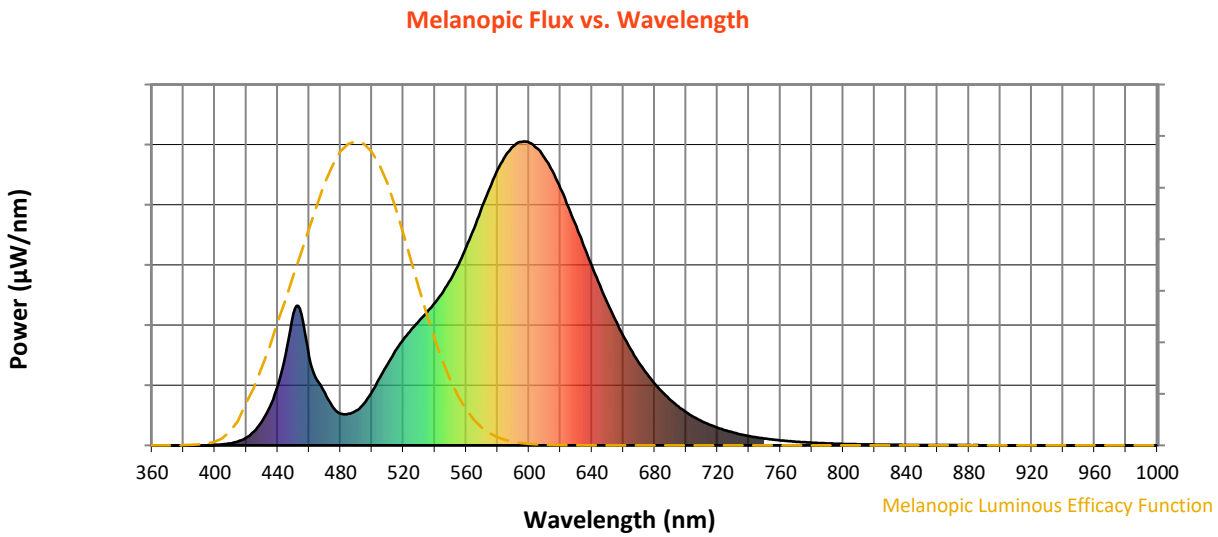

Melanopic Lumens: NR **M/P: 2.08**

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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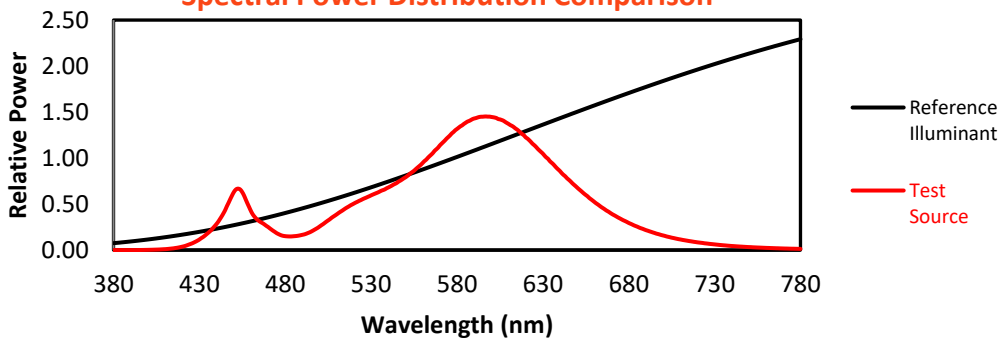
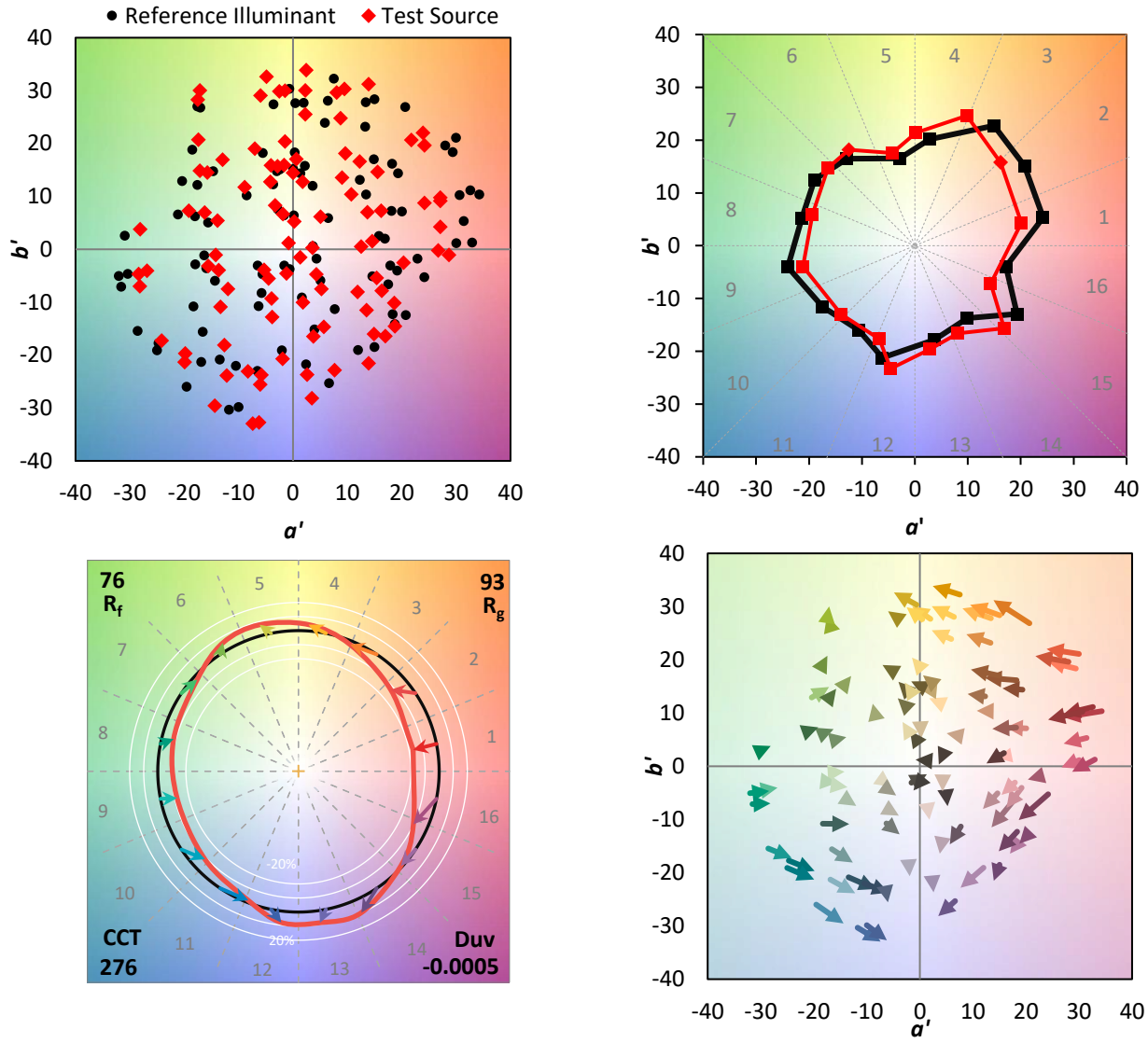
Summary

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

Spectral Power Distribution Comparison

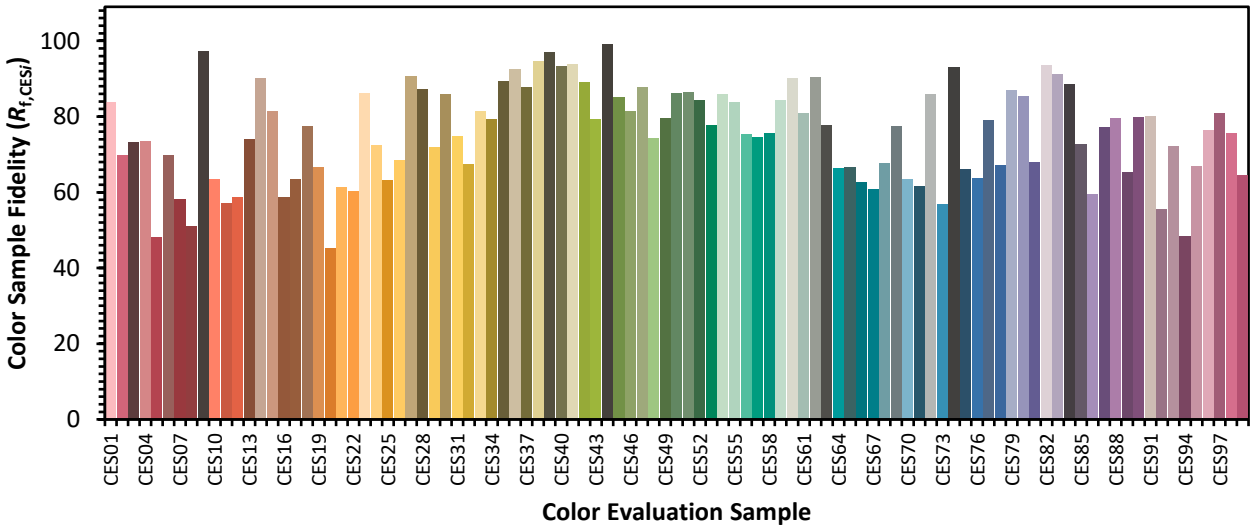


Color Vector Graphics

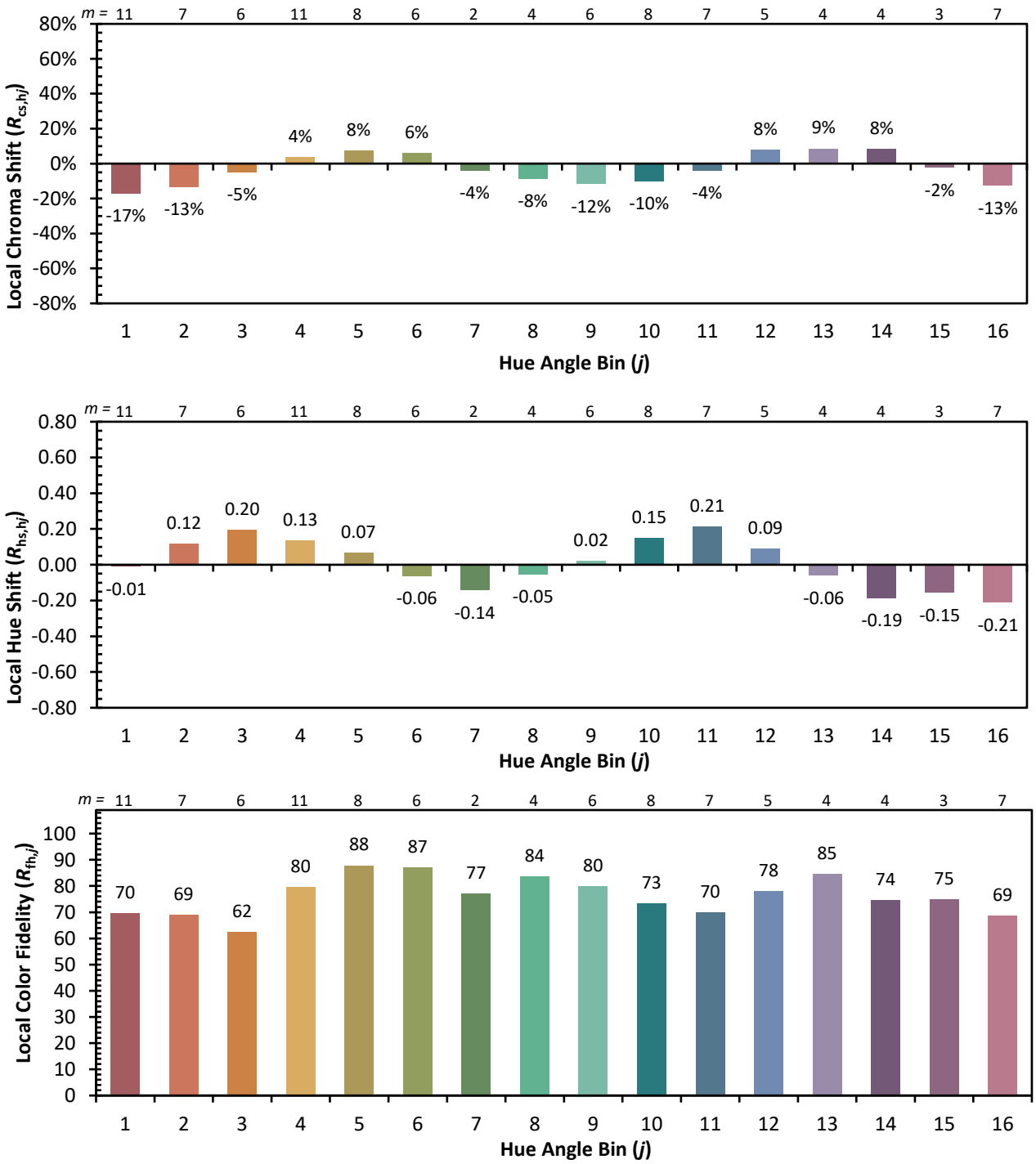


Individual Sample Fidelity Index ($R_{f,i}$)

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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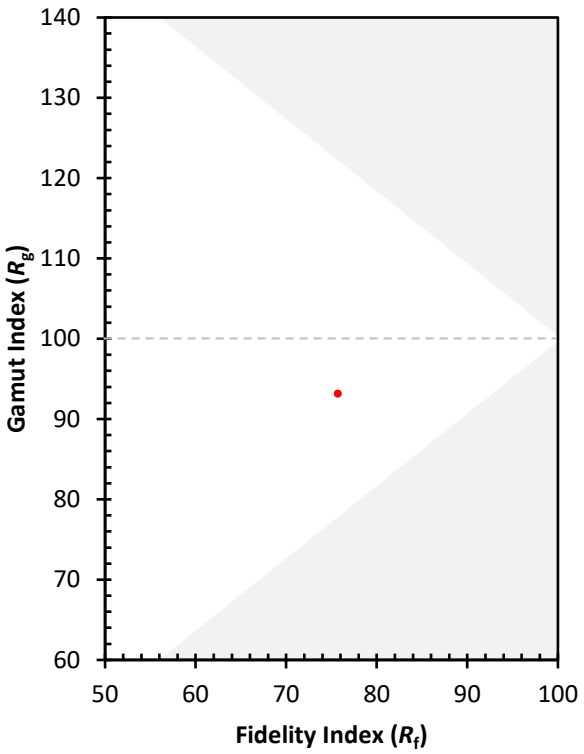
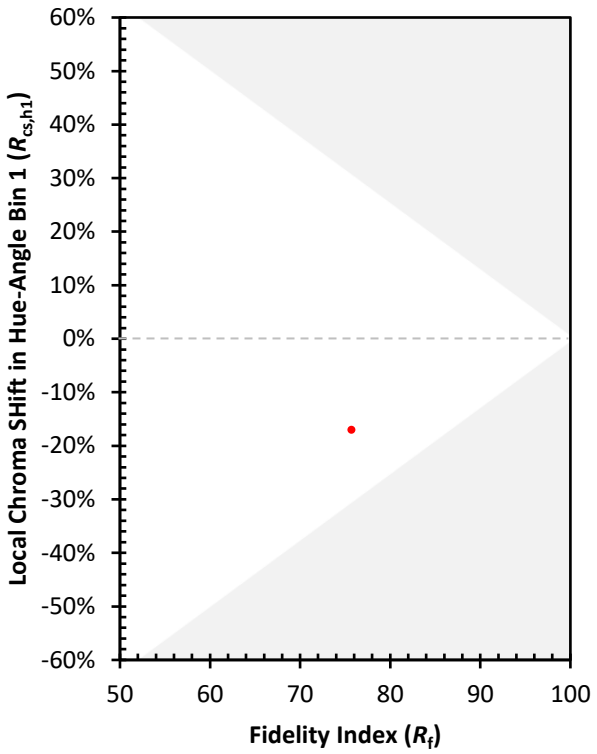
Measure Comparisons





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