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: P1459983

Luminaire Tested: PRV-P-PB2C-727-U-T4W

Issue Date: 06/09/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1459983
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/9/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2C-727-U-T4W
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 555MA 70CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9044.5 lumens
Efficiency:	N/A
Efficacy:	122.2 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2
Input Watts (W):	74
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	8.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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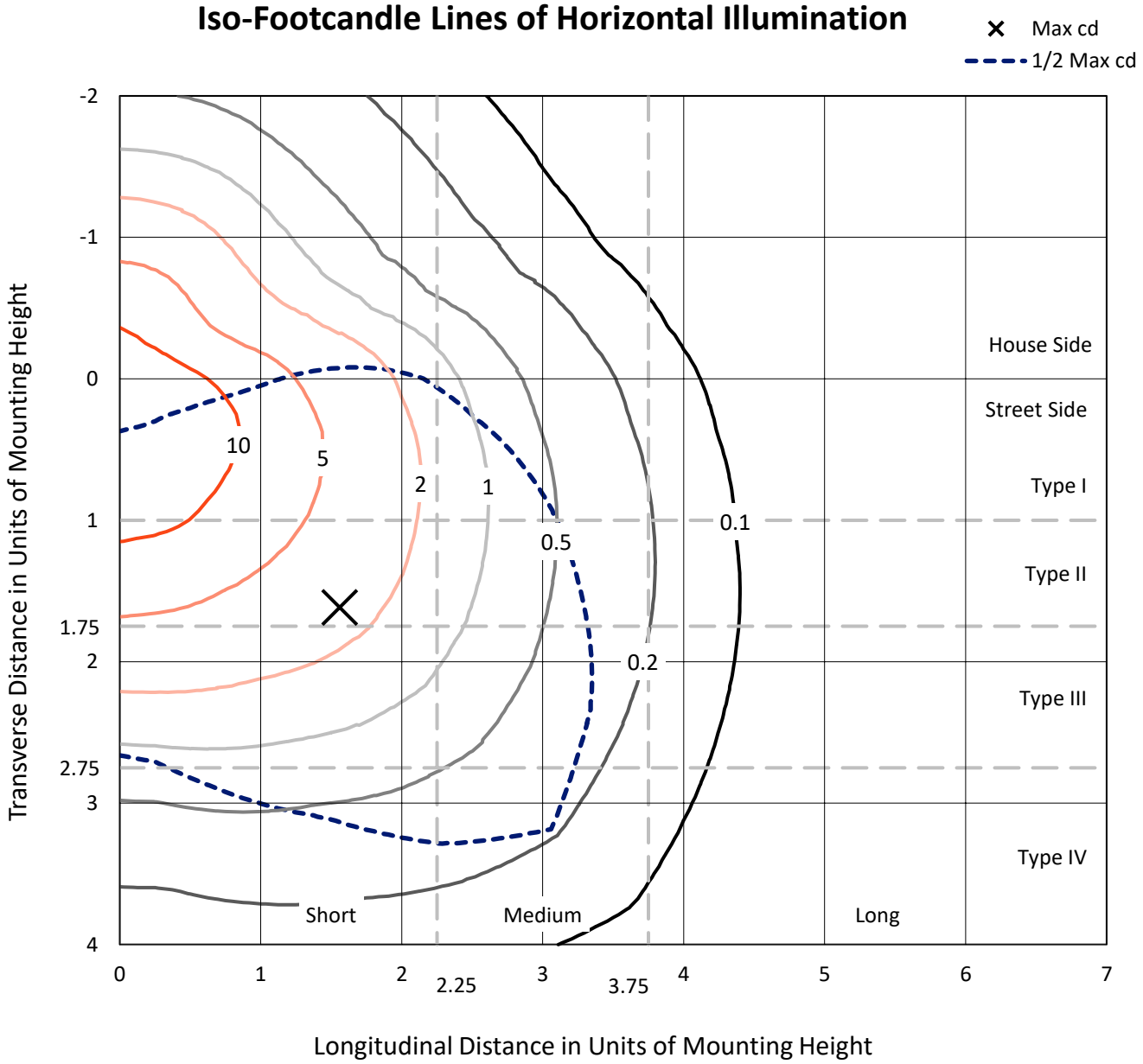
Scaled Data Report

REPORT NUMBER: P1459983
CATALOG NUMBER: PRV-P-PB2C-727-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 16.9 fc
Type IV - Short - N/A

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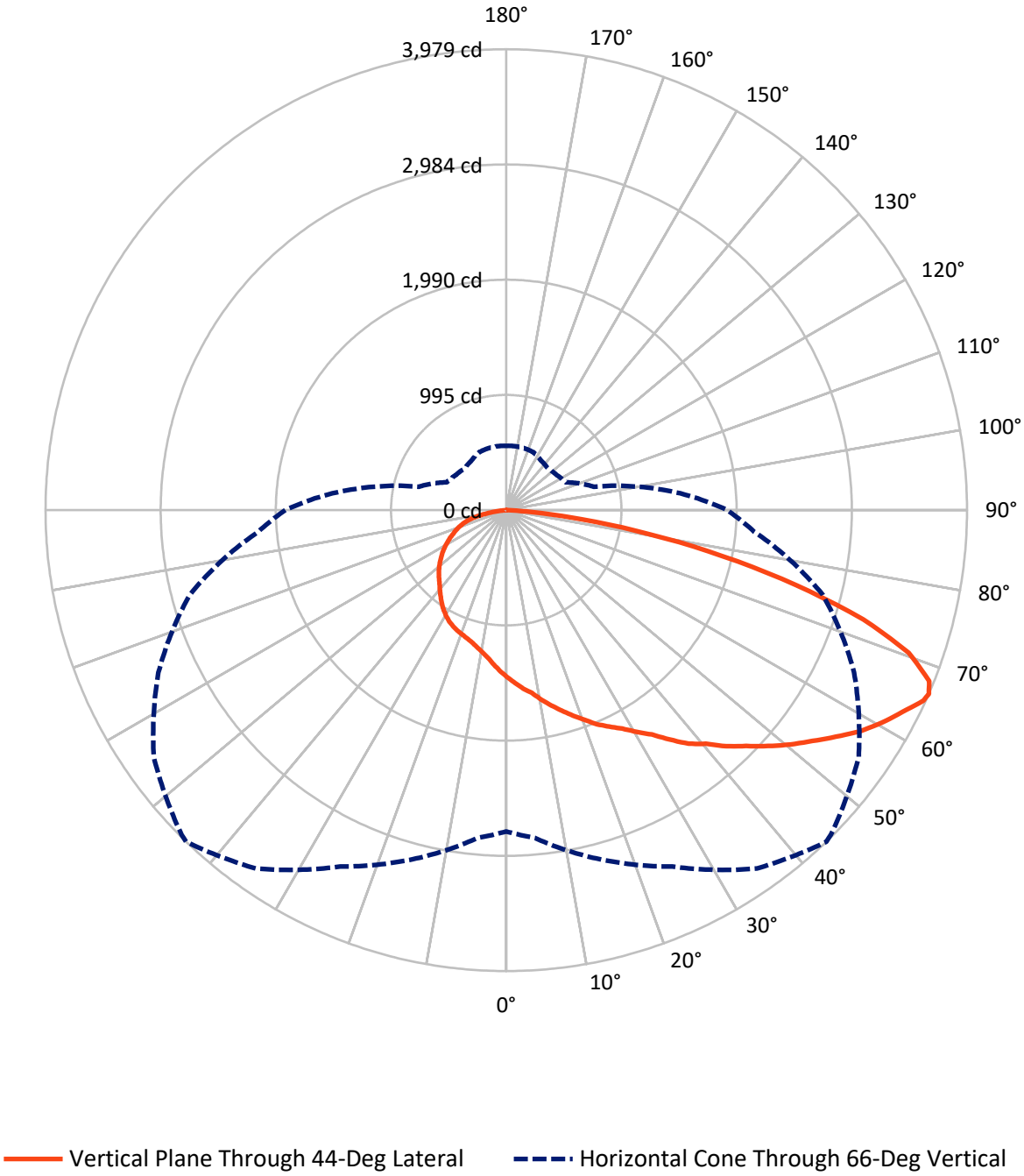
CATALOG NUMBER: PRV-P-PB2C-727-U-T4W

Luminous Intensity Polar Plot



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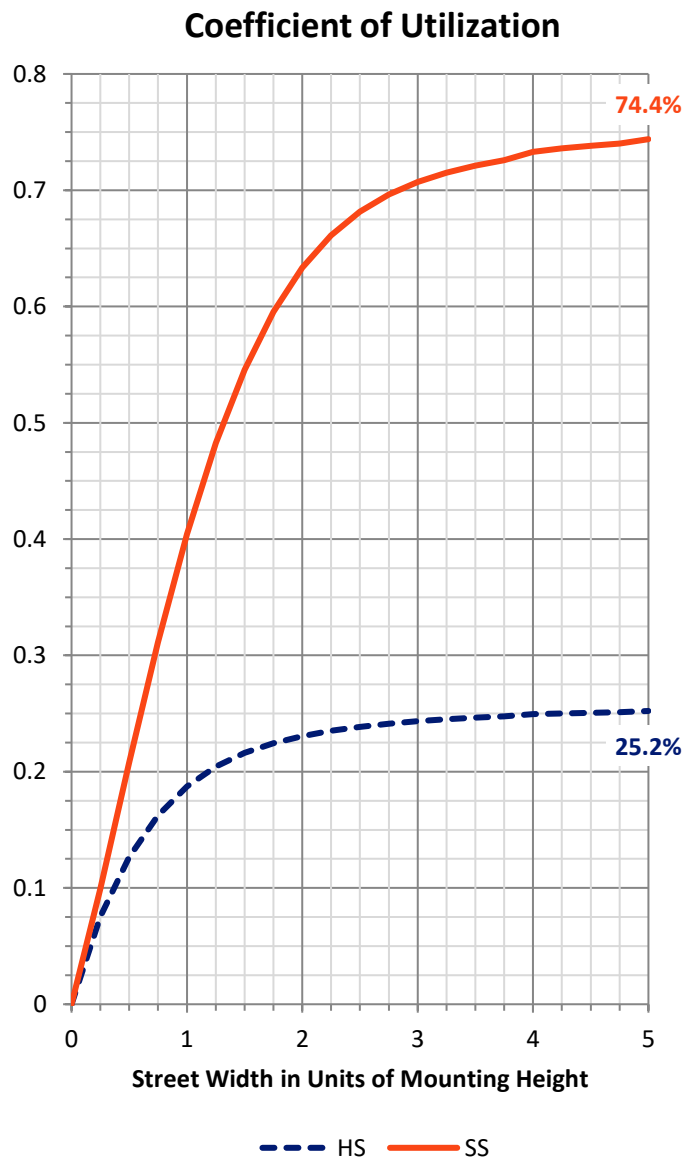
CATALOG NUMBER: PRV-P-PB2C-727-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2292.2	0.0	2292.2
	% Fixture	25.3	0.0	25.3
Street Side	Lumens	6752.3	0.0	6752.3
	% Fixture	74.7	0.0	74.7
Total	Lumens	9044.5	0.0	9044.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.0	1.5
10°-20°	425.1	4.7
20°-30°	737.8	8.2
30°-40°	1100.7	12.2
40°-50°	1505.5	16.6
50°-60°	1879.3	20.8
60°-70°	1944.6	21.5
70°-80°	1131.3	12.5
80°-90°	182.1	2.0
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°	9044.5	100.0
0°-180°	9044.5	100.0



REPORT NUMBER: P1459983
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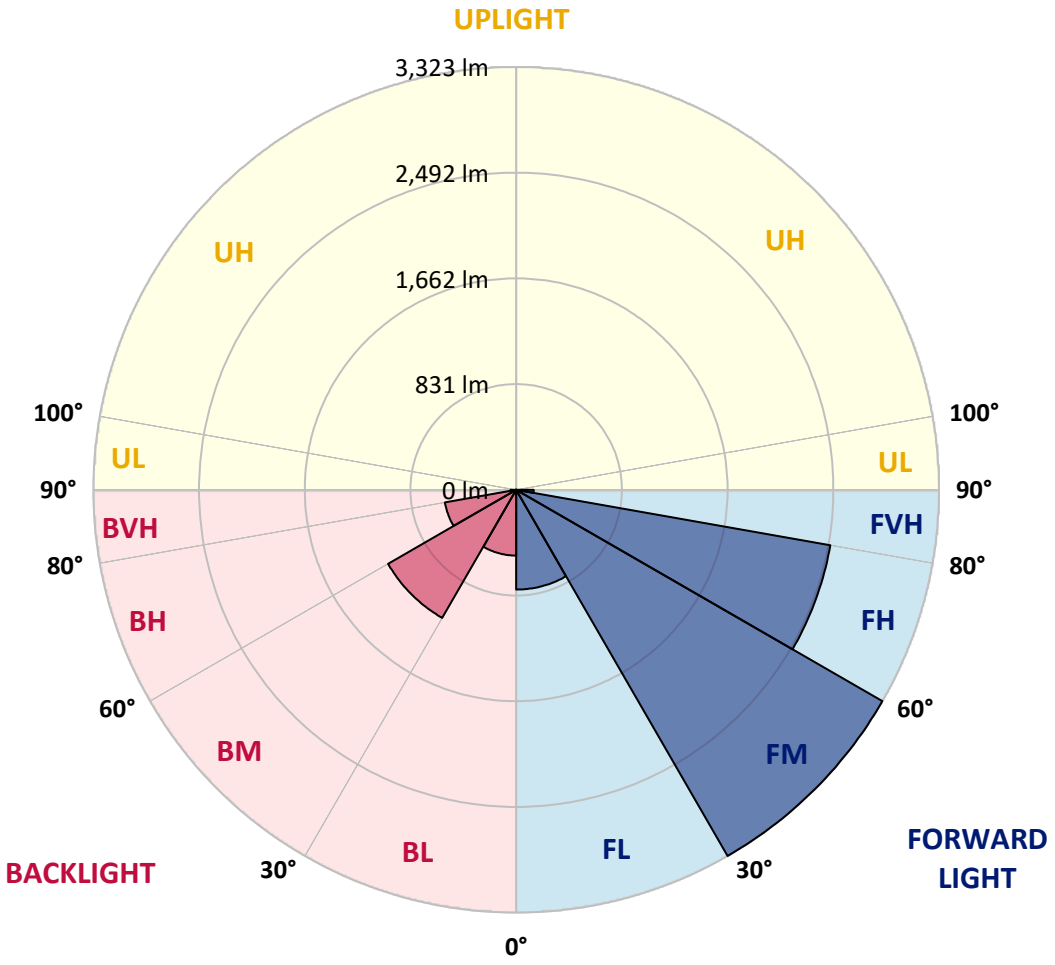
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	784.3	8.7			
FM	(30°-60°)	3323.2	36.7			
FH	(60°-80°)	2507.3	27.7			G2/5000
FVH	(80°-90°)	137.6	1.5			G2/225
BL	(0°-30°)	516.7	5.7	B2/1000		
BM	(30°-60°)	1162.3	12.9	B2/2500		
BH	(60°-80°)	568.7	6.3	B2/1000		G2/1000
BVH	(80°-90°)	44.5	0.5			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°	44°	45°	55°	65°	75°	85°
0°	1443.8	1443.8	1443.8	1443.8	1443.8	*1443.8*	1443.8	1443.8	1443.8	1443.8	1443.8
2.5°	1509.6	1509.6	1512.5	1509.6	1502.3	*1495.0*	1495.0	1489.1	1468.7	1465.7	1449.7
5°	1576.8	1581.2	1576.8	1571.0	1565.1	*1549.0*	1547.6	1528.6	1497.9	1476.0	1455.5
7.5°	1639.6	1646.9	1646.9	1639.6	1619.2	*1592.9*	1594.3	1572.4	1528.6	1496.4	1467.2
10°	1727.3	1724.4	1728.8	1709.8	1690.8	*1663.0*	1651.3	1617.7	1571.0	1530.0	1481.8
12.5°	1817.9	1809.2	1810.6	1790.2	1765.3	*1730.2*	1717.1	1667.4	1613.3	1560.7	1500.8
15°	1874.9	1879.3	1883.7	1860.3	1845.7	*1796.0*	1785.8	1737.5	1660.1	1589.9	1519.8
17.5°	1934.8	1924.6	1945.1	1924.6	1912.9	*1864.7*	1866.1	1796.0	1705.4	1629.4	1543.2
20°	1975.7	1978.7	1987.4	1986.0	1977.2	*1931.9*	1931.9	1874.9	1769.7	1664.5	1562.2
22.5°	2019.6	2021.0	2034.2	2035.7	2024.0	*2007.9*	2005.0	1936.3	1832.5	1714.2	1588.5
25°	2095.6	2089.7	2095.6	2083.9	2085.3	*2070.7*	2070.7	2029.8	1910.0	1766.8	1623.6
27.5°	2199.3	2200.8	2186.2	2171.6	2154.0	*2135.0*	2145.3	2098.5	1993.3	1832.5	1661.6
30°	2333.8	2336.7	2319.2	2276.8	2240.2	*2221.3*	2212.5	2189.1	2081.0	1899.8	1706.9
32.5°	2535.4	2516.4	2482.8	2415.6	2357.2	*2308.9*	2311.9	2279.7	2180.3	1978.7	1750.7
35°	2686.0	2672.8	2646.5	2591.0	2523.8	*2431.7*	2431.7	2376.2	2273.9	2060.5	1796.0
37.5°	2827.7	2829.2	2804.3	2735.6	2684.5	*2558.8*	2538.4	2463.8	2361.5	2139.4	1851.5
40°	3052.8	3006.0	2950.5	2881.8	2789.7	*2652.3*	2643.6	2570.5	2460.9	2230.0	1907.1
42.5°	3188.7	3162.4	3105.4	3017.7	2906.6	*2786.8*	2770.7	2674.3	2567.6	2322.1	1977.2
45°	3374.3	3330.4	3255.9	3196.0	3017.7	*2905.2*	2892.0	2798.5	2684.5	2422.9	2041.5
47.5°	3513.1	3416.6	3397.6	3356.7	3147.7	*3042.5*	3025.0	2928.5	2807.3	2548.6	2121.9
50°	3562.8	3508.7	3529.2	3456.1	3264.7	*3179.9*	3174.1	3074.7	2930.0	2658.2	2194.9
52.5°	3580.3	3593.5	3615.4	3514.5	3378.6	*3311.4*	3305.6	3210.6	3054.2	2760.5	2262.2
55°	3679.7	3676.8	3706.0	3603.7	3521.9	*3454.6*	3445.9	3362.6	3166.7	2849.6	2322.1
57.5°	3770.3	3733.7	3767.4	3689.9	3654.8	*3602.2*	3600.8	3502.9	3274.9	2922.7	2357.2
60°	3736.7	3684.1	3742.5	3679.7	3726.4	*3726.4*	3739.6	3615.4	3359.6	2984.1	2374.7
62.5°	3454.6	3453.2	3589.1	3608.1	3770.3	*3839.0*	3824.4	3684.1	3399.1	2991.4	2346.9
65°	2979.7	3035.2	3288.0	3486.8	3787.8	*3961.7*	3947.1	3711.8	3353.8	2890.5	2237.3
66°	*2773.6*	*2840.9*	*3120.0*	*3394.7*	*3776.1*	*3979.3*	*3964.6*	*3716.2*	*3314.3*	*2830.6*	*2151.1*
67.5°	2415.6	2490.1	2848.2	3234.0	3700.1	*3939.8*	3945.6	3692.8	3196.0	2681.6	2022.5
70°	1844.2	1923.1	2351.3	2795.6	3399.1	*3687.0*	3685.5	3445.9	2903.7	2344.0	1711.2
72.5°	1334.2	1381.0	1828.1	2251.9	2894.9	*3223.7*	3242.7	2966.5	2446.3	1912.9	1351.7
75°	947.0	970.3	1310.8	1677.6	2235.9	*2586.6*	2564.7	2325.0	1870.5	1433.6	1025.9
77.5°	645.9	694.1	930.9	1174.9	1601.6	*1912.9*	1880.8	1614.8	1326.9	1006.9	748.2
80°	403.3	431.1	571.4	726.3	1022.9	*1252.4*	1258.2	1062.4	837.4	686.8	549.5
82.5°	222.1	233.8	333.2	401.9	499.8	*659.1*	683.9	638.6	520.2	448.6	385.8
85°	61.4	61.4	103.8	118.4	159.3	*220.7*	220.7	230.9	203.1	160.7	124.2
87.5°	2.9	2.9	2.9	4.4	4.4	*4.4*	4.4	7.3	5.8	2.9	2.9
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: P1459983
CATALOG NUMBER: PRV-P-PB2C-727-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1443.8	1443.8	1443.8	1443.8	1443.8	1443.8	1443.8	1443.8	1443.8	1443.8	1443.8
2.5°	1442.4	1438.0	1426.3	1416.0	1402.9	1395.6	1385.4	1376.6	1373.7	1364.9	1364.9
5°	1438.0	1430.7	1398.5	1378.1	1360.5	1340.1	1329.8	1315.2	1309.4	1299.1	1300.6
7.5°	1443.8	1429.2	1385.4	1345.9	1318.1	1287.4	1271.4	1262.6	1252.4	1243.6	1240.7
10°	1454.0	1430.7	1373.7	1319.6	1274.3	1245.1	1224.6	1210.0	1208.5	1204.2	1202.7
12.5°	1464.3	1432.1	1366.4	1299.1	1249.5	1212.9	1189.5	1177.8	1180.8	1188.1	1185.2
15°	1480.3	1440.9	1353.2	1271.4	1217.3	1180.8	1166.2	1160.3	1174.9	1180.8	1182.2
17.5°	1490.6	1445.3	1337.1	1246.5	1186.6	1157.4	1150.1	1155.9	1169.1	1186.6	1189.5
20°	1503.7	1448.2	1321.1	1220.2	1158.8	1138.4	1144.2	1158.8	1176.4	1199.8	1204.2
22.5°	1522.7	1455.5	1312.3	1189.5	1129.6	1120.9	1138.4	1163.2	1182.2	1211.5	1214.4
25°	1546.1	1468.7	1290.4	1158.8	1096.0	1098.9	1132.5	1164.7	1183.7	1211.5	1220.2
27.5°	1576.8	1483.3	1275.8	1123.8	1063.9	1077.0	1116.5	1157.4	1180.8	1208.5	1217.3
30°	1606.0	1496.4	1259.7	1087.2	1025.9	1046.3	1094.6	1136.9	1164.7	1189.5	1202.7
32.5°	1641.1	1516.9	1245.1	1056.6	990.8	1012.7	1065.3	1117.9	1147.2	1172.0	1182.2
35°	1674.7	1537.3	1237.8	1025.9	955.7	976.2	1028.8	1090.2	1122.3	1138.4	1155.9
37.5°	1717.1	1568.0	1233.4	999.6	919.2	933.8	993.7	1058.0	1091.6	1107.7	1123.8
40°	1771.2	1610.4	1234.8	973.3	881.2	892.9	957.2	1027.3	1065.3	1072.6	1087.2
42.5°	1823.8	1648.4	1237.8	948.4	847.6	853.4	920.6	992.3	1024.4	1030.3	1044.9
45°	1882.2	1701.0	1237.8	917.7	812.5	821.3	885.6	954.3	990.8	993.7	1005.4
47.5°	1946.5	1752.2	1231.9	885.6	778.9	787.7	850.5	910.4	944.0	948.4	960.1
50°	2010.8	1793.1	1218.8	846.1	745.3	757.0	809.6	865.1	888.5	895.8	904.6
52.5°	2072.2	1829.6	1186.6	805.2	711.7	720.4	767.2	812.5	831.5	840.3	844.7
55°	2119.0	1854.5	1142.8	759.9	682.5	685.4	719.0	757.0	770.1	770.1	777.4
57.5°	2143.8	1858.8	1081.4	713.1	648.8	648.8	672.2	705.8	711.7	710.2	711.7
60°	2151.1	1834.0	1006.9	669.3	615.2	607.9	626.9	648.8	650.3	650.3	657.6
62.5°	2114.6	1765.3	917.7	626.9	581.6	565.5	580.2	602.1	606.5	606.5	607.9
65°	1991.8	1619.2	819.8	584.5	545.1	526.1	539.2	567.0	575.8	574.3	572.8
66°	*1908.5*	*1547.6*	*780.4*	*567.0*	*530.5*	*508.5*	*523.2*	*552.4*	*556.8*	*556.8*	*555.3*
67.5°	1766.8	1400.0	711.7	540.7	504.2	485.2	501.2	523.2	530.5	534.9	534.9
70°	1468.7	1153.0	622.5	493.9	458.9	445.7	457.4	473.5	477.9	483.7	480.8
72.5°	1158.8	903.1	542.2	447.2	417.9	401.9	407.7	422.3	434.0	438.4	432.6
75°	879.7	700.0	472.0	400.4	372.6	353.6	353.6	350.7	350.7	362.4	346.3
77.5°	660.5	553.9	410.6	340.5	311.3	290.8	279.1	282.0	263.0	248.4	236.7
80°	488.1	420.9	336.1	267.4	233.8	201.7	203.1	210.4	165.1	116.9	58.5
82.5°	346.3	305.4	241.1	182.7	138.8	121.3	121.3	127.1	92.1	33.6	0.0
85°	109.6	105.2	95.0	68.7	61.4	46.8	36.5	33.6	38.0	7.3	0.0
87.5°	2.9	2.9	2.9	2.9	1.5	1.5	1.5	1.5	0.0	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

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: SP2-2501-321-3

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

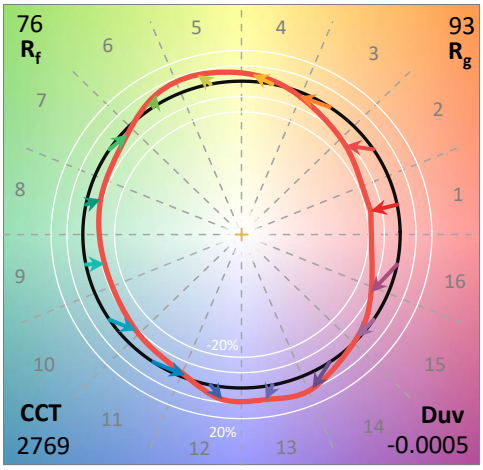
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



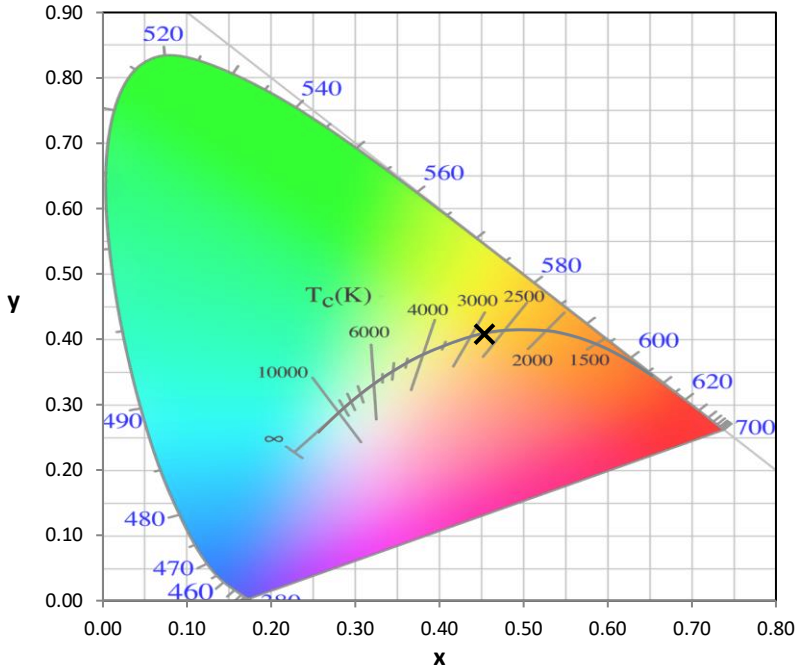
Test Conditions

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

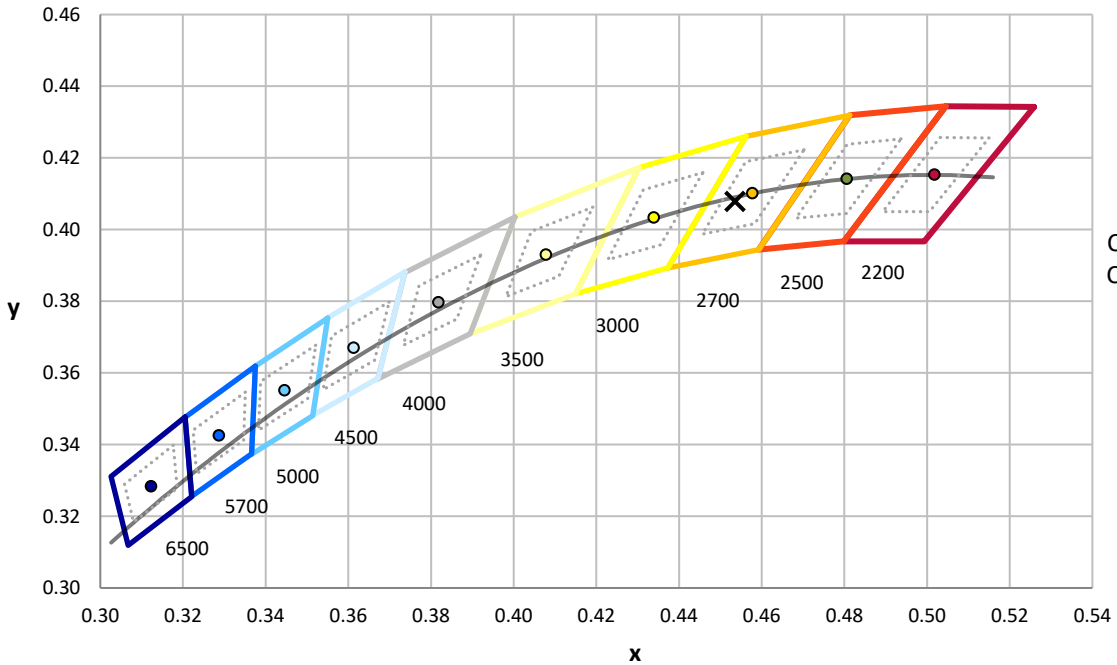
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

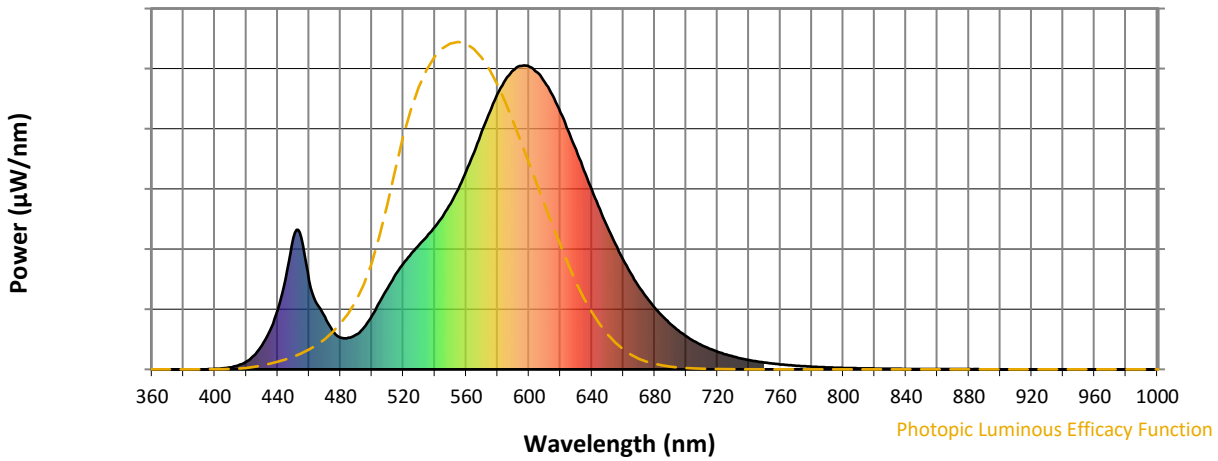


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-3

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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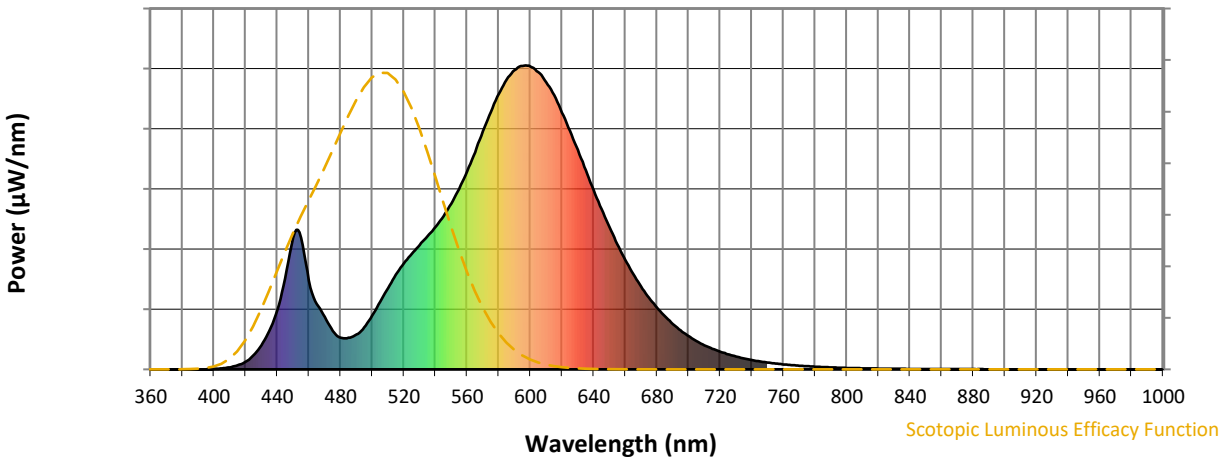
Scotopic Flux vs. Wavelength



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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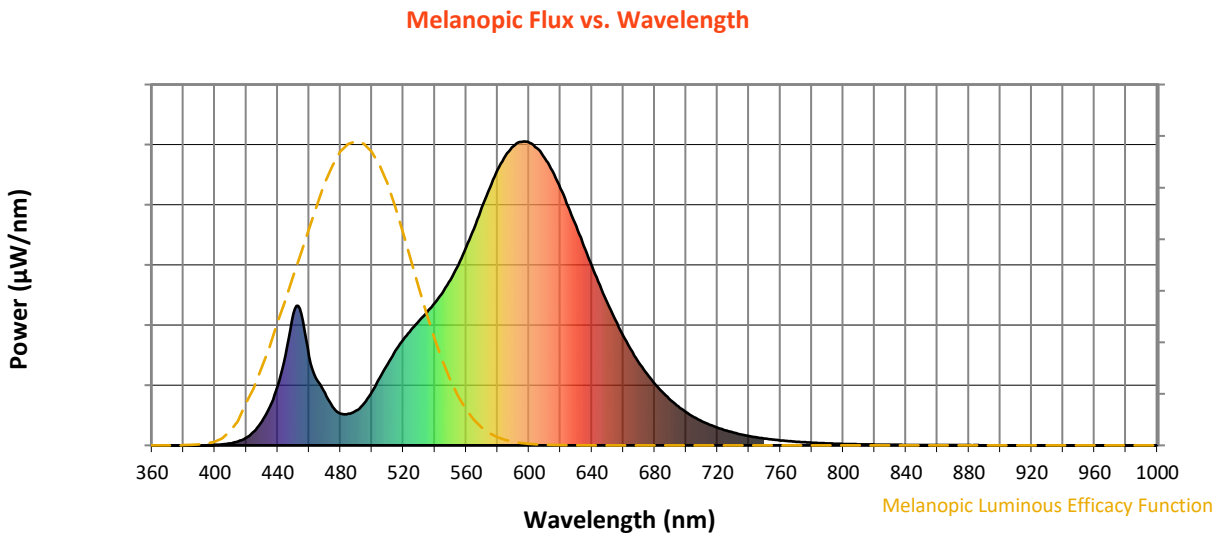

Melanopic Lumens: NR **M/P: 2.08**

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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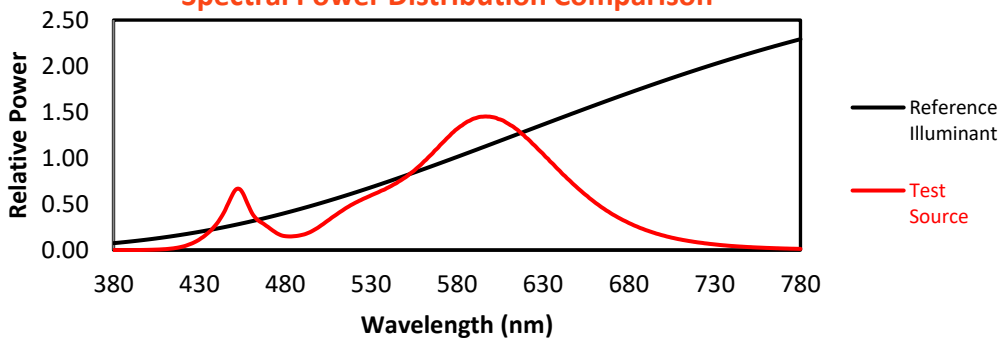
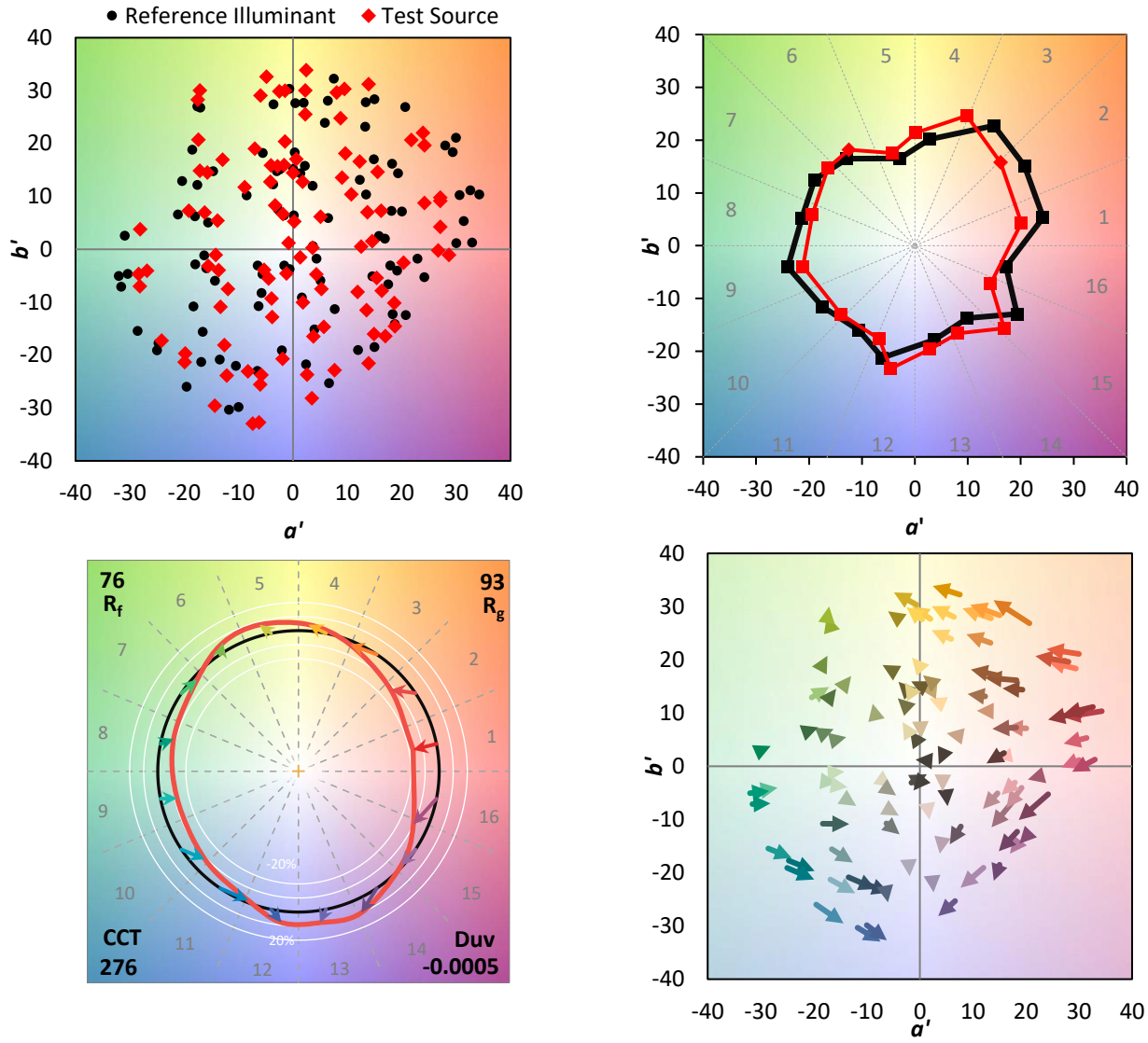
Summary

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

Spectral Power Distribution Comparison

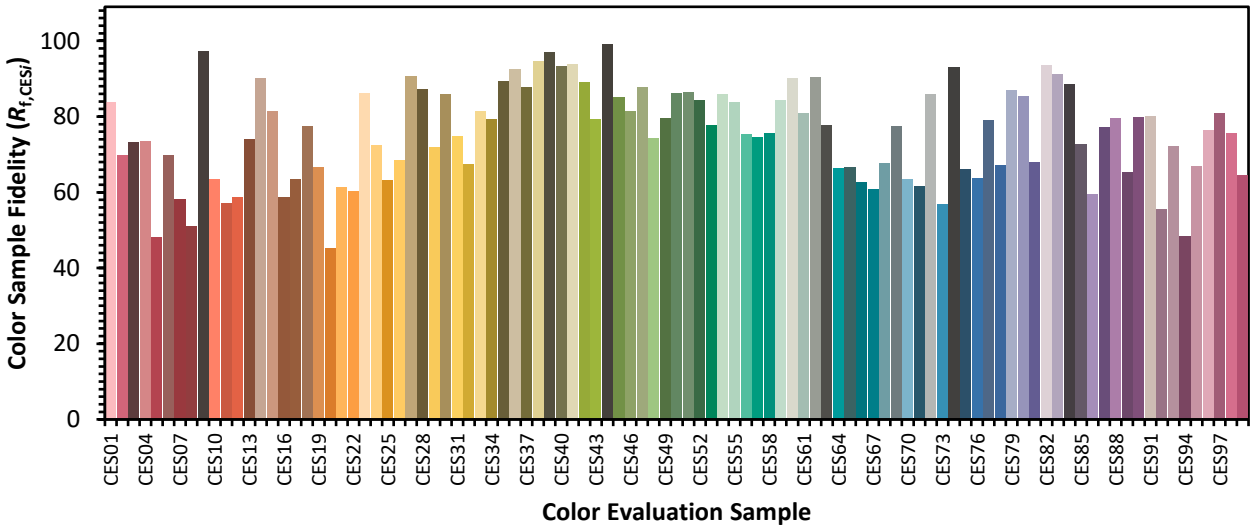


Color Vector Graphics

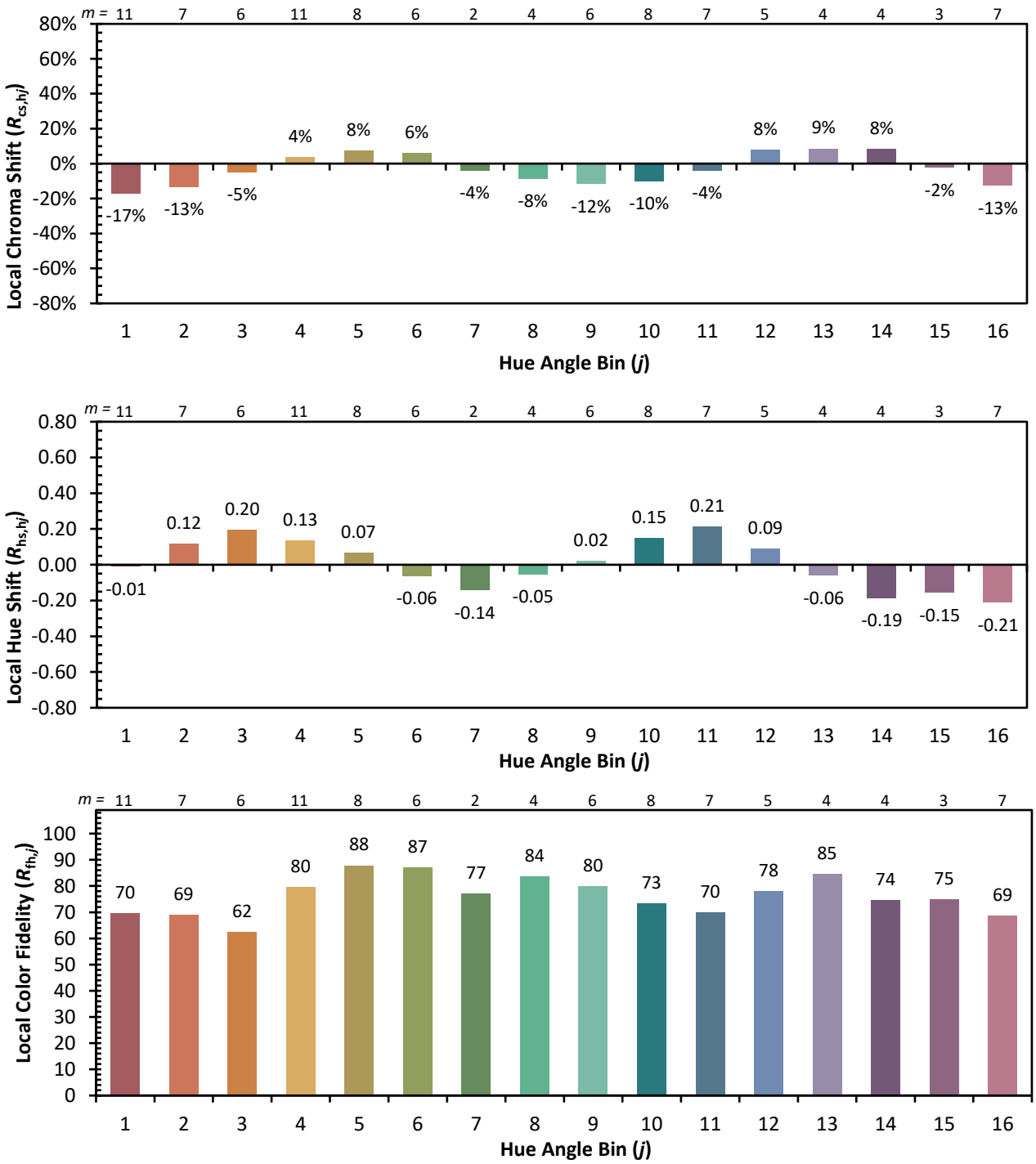


Individual Sample Fidelity Index ($R_{f,i}$)

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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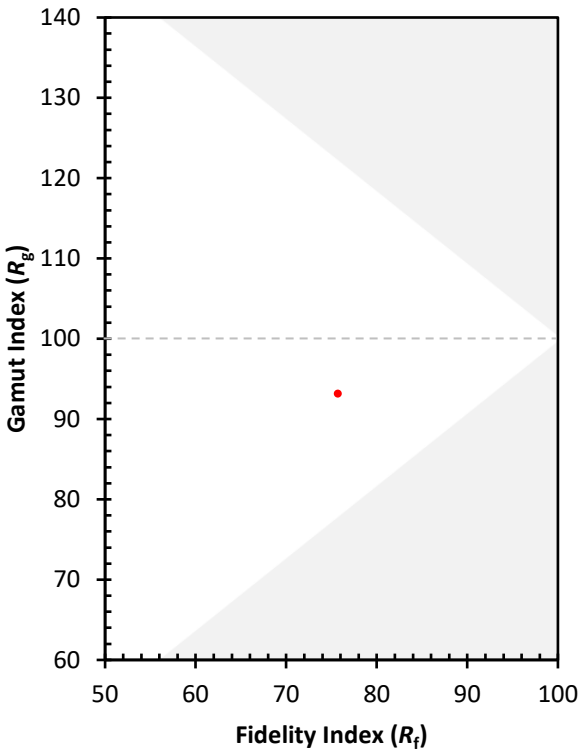
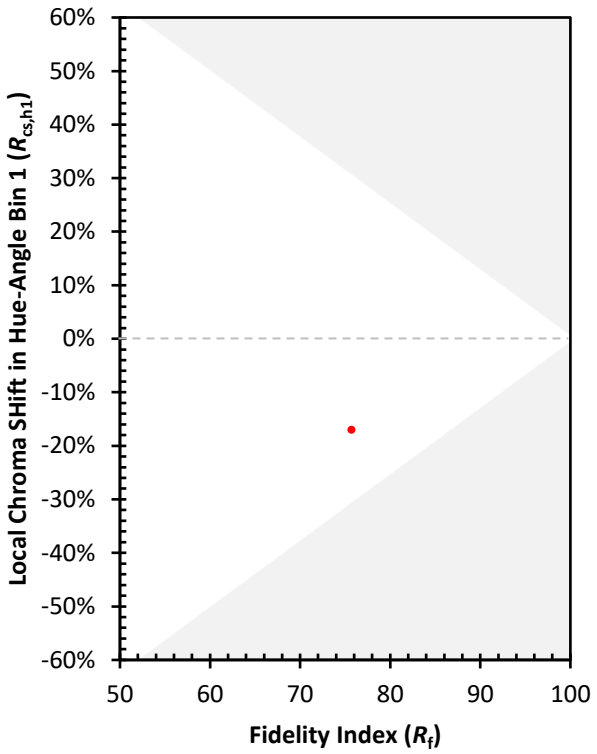
Measure Comparisons





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