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: P1459984

Luminaire Tested: PRV-P-PB2D-727-U-T4W

Issue Date: 06/09/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1459984
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/9/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2D-727-U-T4W
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 695MA 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:	10720.1 lumens
Efficiency:	N/A
Efficacy:	113.4 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):	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: P1459984
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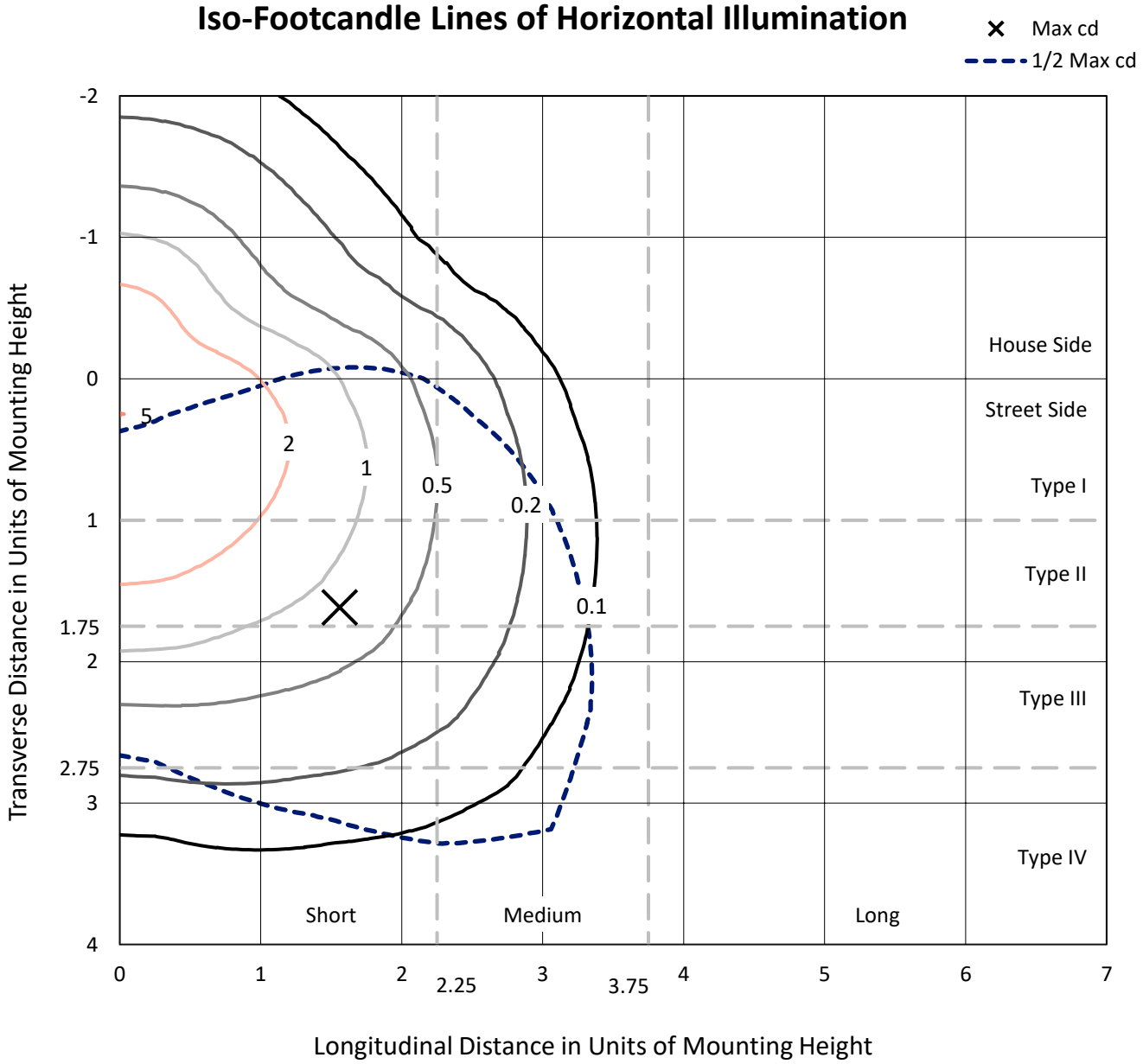
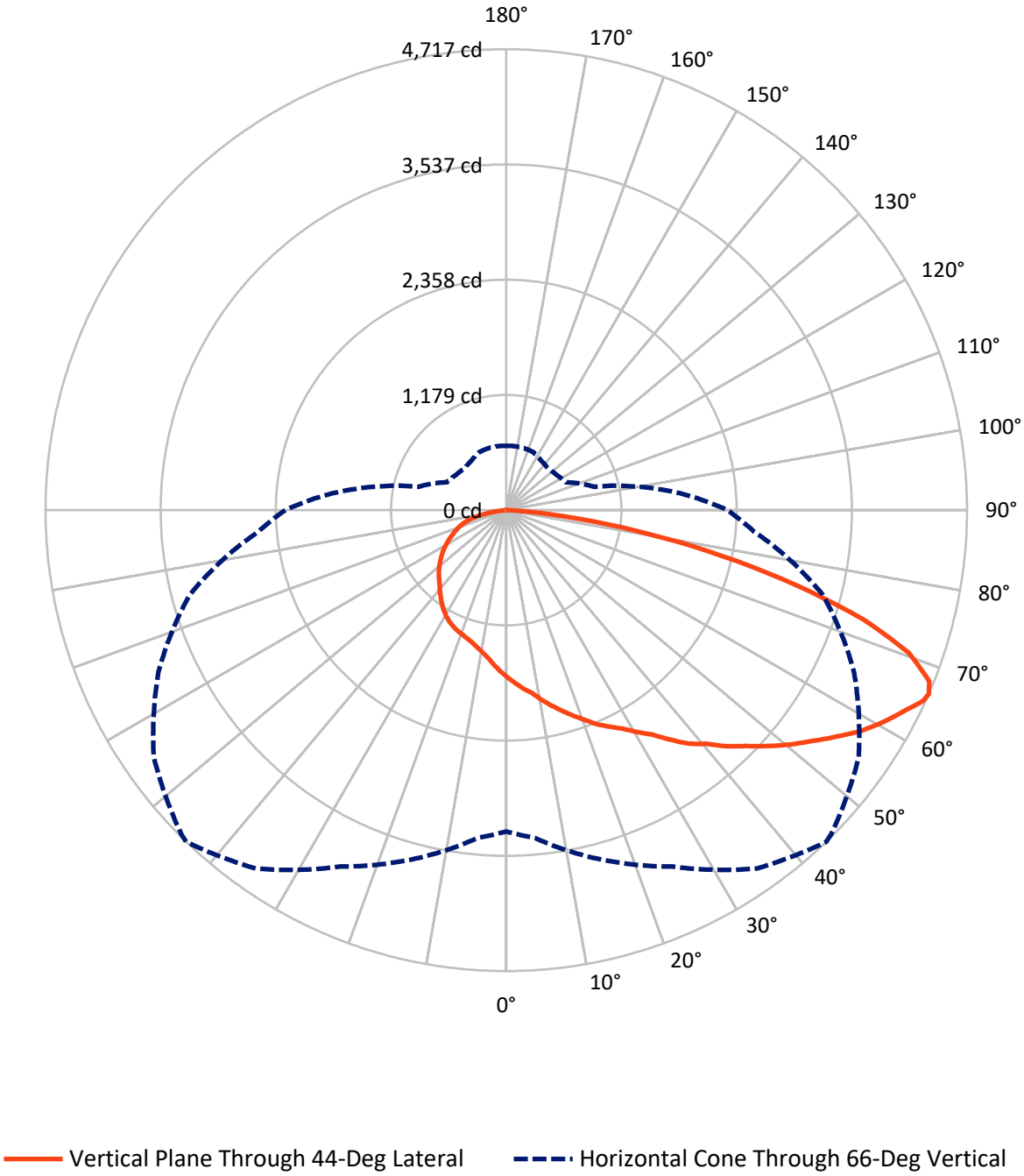
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 5 fc
Type IV - Short - N/A

REPORT NUMBER: P1459984
CATALOG NUMBER: PRV-P-PB2D-727-U-T4W

Luminous Intensity Polar Plot



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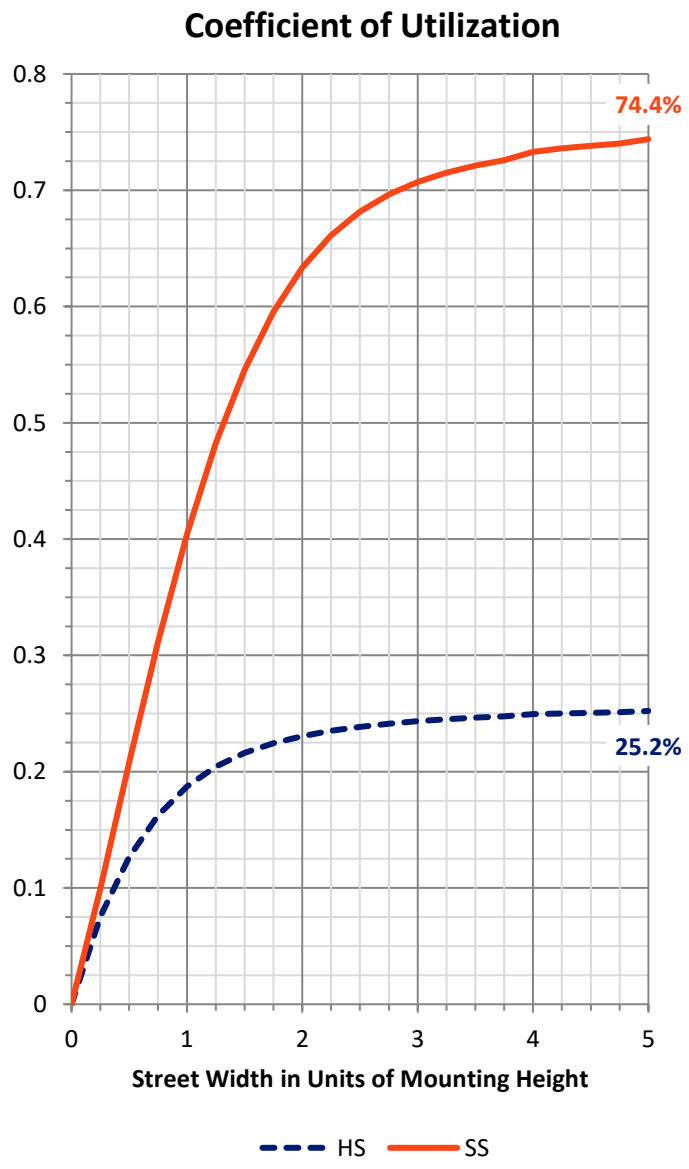
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2716.8	0.0	2716.8
	% Fixture	25.3	0.0	25.3
Street Side	Lumens	8003.3	0.0	8003.3
	% Fixture	74.7	0.0	74.7
Total	Lumens	10720.1	0.0	10720.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.6	1.5
10°-20°	503.9	4.7
20°-30°	874.5	8.2
30°-40°	1304.7	12.2
40°-50°	1784.4	16.6
50°-60°	2227.4	20.8
60°-70°	2304.9	21.5
70°-80°	1340.9	12.5
80°-90°	215.8	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°	10720.1	100.0
0°-180°	10720.1	100.0



REPORT NUMBER: P1459984
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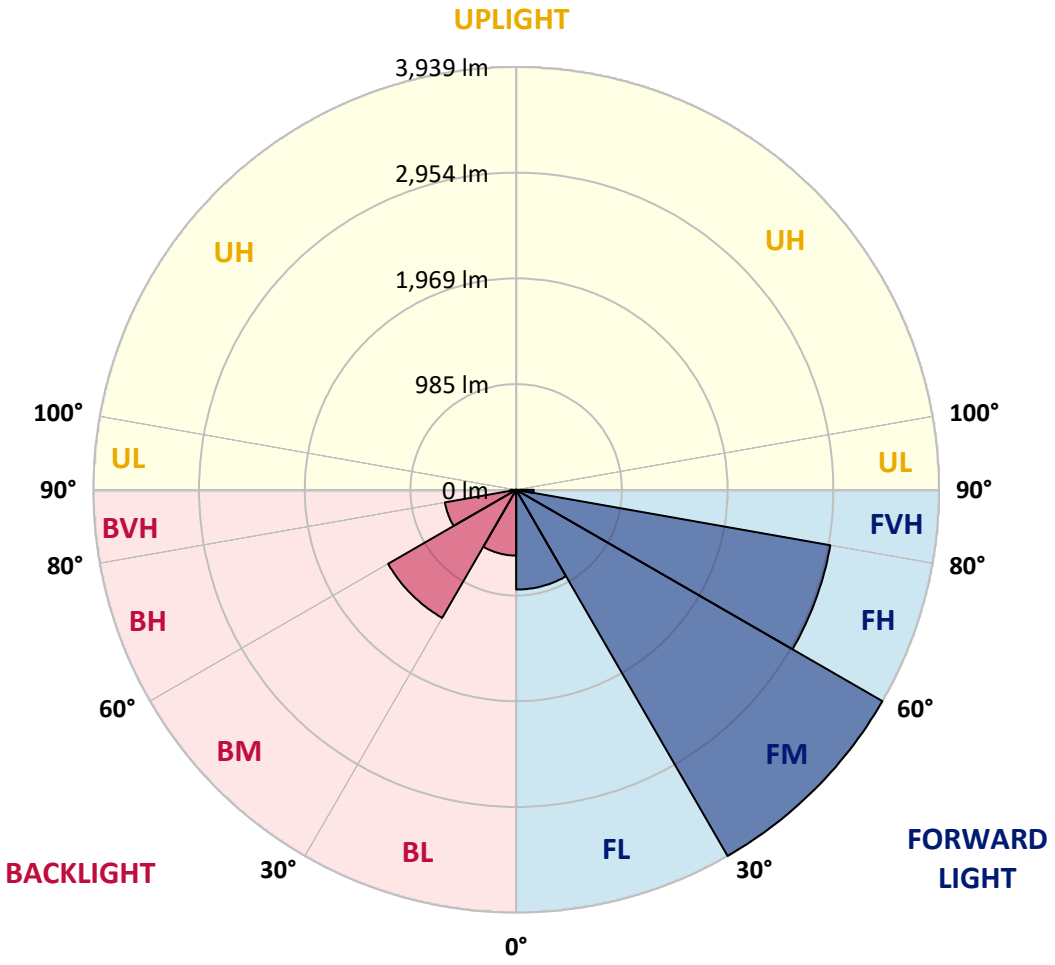
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	929.6	8.7			
FM	(30°-60°)	3938.9	36.7			
FH	(60°-80°)	2971.8	27.7			G2/5000
FVH	(80°-90°)	163.0	1.5			G2/225
BL	(0°-30°)	612.4	5.7	B2/1000		
BM	(30°-60°)	1377.7	12.9	B2/2500		
BH	(60°-80°)	674.0	6.3	B2/1000		G2/1000
BVH	(80°-90°)	52.8	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°	1711.3	1711.3	1711.3	1711.3	1711.3	*1711.3*	1711.3	1711.3	1711.3	1711.3	1711.3
2.5°	1789.2	1789.2	1792.7	1789.2	1780.6	*1771.9*	1771.9	1765.0	1740.7	1737.3	1718.2
5°	1868.9	1874.1	1868.9	1862.0	1855.1	*1836.0*	1834.3	1811.8	1775.4	1749.4	1725.2
7.5°	1943.4	1952.1	1952.1	1943.4	1919.1	*1888.0*	1889.7	1863.7	1811.8	1773.7	1739.0
10°	2047.3	2043.9	2049.1	2026.5	2004.0	*1971.1*	1957.3	1917.4	1862.0	1813.5	1756.3
12.5°	2154.7	2144.3	2146.1	2121.8	2092.4	*2050.8*	2035.2	1976.3	1912.2	1849.9	1778.9
15°	2222.3	2227.5	2232.7	2204.9	2187.6	*2128.7*	2116.6	2059.4	1967.6	1884.5	1801.4
17.5°	2293.3	2281.2	2305.4	2281.2	2267.3	*2210.1*	2211.9	2128.7	2021.3	1931.3	1829.1
20°	2341.8	2345.2	2355.6	2353.9	2343.5	*2289.8*	2289.8	2222.3	2097.6	1972.8	1851.6
22.5°	2393.7	2395.5	2411.1	2412.8	2398.9	*2379.9*	2376.4	2295.0	2172.0	2031.7	1882.8
25°	2483.8	2476.9	2483.8	2470.0	2471.7	*2454.4*	2454.4	2405.9	2263.8	2094.1	1924.3
27.5°	2606.8	2608.5	2591.2	2573.9	2553.1	*2530.6*	2542.7	2487.3	2362.6	2172.0	1969.4
30°	2766.1	2769.6	2748.8	2698.6	2655.3	*2632.8*	2622.4	2594.7	2466.5	2251.7	2023.1
32.5°	3005.2	2982.6	2942.8	2863.1	2793.9	*2736.7*	2740.2	2702.1	2584.3	2345.2	2075.0
35°	3183.6	3168.0	3136.8	3071.0	2991.3	*2882.2*	2882.2	2816.4	2695.1	2442.2	2128.7
37.5°	3351.6	3353.3	3323.9	3242.5	3181.8	*3032.9*	3008.6	2920.3	2799.0	2535.8	2194.6
40°	3618.3	3562.9	3497.1	3415.7	3306.5	*3143.7*	3133.3	3046.7	2916.8	2643.2	2260.4
42.5°	3779.4	3748.2	3680.7	3576.8	3445.1	*3303.1*	3284.0	3169.7	3043.3	2752.3	2343.5
45°	3999.4	3947.4	3859.1	3788.1	3576.8	*3443.4*	3427.8	3316.9	3181.8	2871.8	2419.7
47.5°	4163.9	4049.6	4027.1	3978.6	3730.9	*3606.2*	3585.4	3471.1	3327.3	3020.8	2515.0
50°	4222.8	4158.7	4183.0	4096.4	3869.5	*3769.0*	3762.1	3644.3	3472.8	3150.7	2601.6
52.5°	4243.6	4259.2	4285.2	4165.7	4004.6	*3924.9*	3918.0	3805.4	3620.1	3271.9	2681.3
55°	4361.4	4357.9	4392.6	4271.3	4174.3	*4094.6*	4084.3	3985.5	3753.4	3377.6	2752.3
57.5°	4468.8	4425.5	4465.3	4373.5	4331.9	*4269.6*	4267.9	4151.8	3881.6	3464.2	2793.9
60°	4428.9	4366.6	4435.9	4361.4	4416.8	*4416.8*	4432.4	4285.2	3982.1	3536.9	2814.6
62.5°	4094.6	4092.9	4254.0	4276.5	4468.8	*4550.2*	4532.9	4366.6	4028.8	3545.6	2781.7
65°	3531.7	3597.5	3897.2	4132.8	4489.6	*4695.7*	4678.4	4399.5	3975.1	3426.1	2651.8
66°	*3287.5*	*3367.2*	*3698.0*	*4023.6*	*4475.7*	*4716.5*	*4699.1*	*4404.7*	*3928.4*	*3355.0*	*2549.6*
67.5°	2863.1	2951.5	3375.8	3833.1	4385.6	*4669.7*	4676.6	4377.0	3788.1	3178.4	2397.2
70°	2185.9	2279.4	2786.9	3313.5	4028.8	*4370.0*	4368.3	4084.3	3441.7	2778.3	2028.3
72.5°	1581.4	1636.8	2166.8	2669.1	3431.3	*3821.0*	3843.5	3516.1	2899.5	2267.3	1602.2
75°	1122.4	1150.1	1553.7	1988.4	2650.1	*3065.8*	3039.8	2755.7	2217.1	1699.2	1215.9
77.5°	765.6	822.7	1103.3	1392.6	1898.4	*2267.3*	2229.2	1914.0	1572.7	1193.4	886.8
80°	478.1	511.0	677.2	860.8	1212.5	*1484.4*	1491.3	1259.2	992.5	814.1	651.3
82.5°	263.3	277.1	394.9	476.3	592.4	*781.2*	810.6	756.9	616.6	531.7	457.3
85°	72.7	72.7	123.0	140.3	188.8	*261.5*	261.5	273.7	240.8	190.5	147.2
87.5°	3.5	3.5	3.5	5.2	5.2	*5.2*	5.2	8.7	6.9	3.5	3.5
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: P1459984
CATALOG NUMBER: PRV-P-PB2D-727-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1711.3	1711.3	1711.3	1711.3	1711.3	1711.3	1711.3	1711.3	1711.3	1711.3	1711.3
2.5°	1709.6	1704.4	1690.5	1678.4	1662.8	1654.1	1642.0	1631.6	1628.2	1617.8	1617.8
5°	1704.4	1695.7	1657.6	1633.4	1612.6	1588.3	1576.2	1558.9	1551.9	1539.8	1541.6
7.5°	1711.3	1694.0	1642.0	1595.2	1562.3	1526.0	1506.9	1496.5	1484.4	1474.0	1470.5
10°	1723.4	1695.7	1628.2	1564.1	1510.4	1475.7	1451.5	1434.2	1432.4	1427.2	1425.5
12.5°	1735.5	1697.4	1619.5	1539.8	1480.9	1437.6	1409.9	1396.1	1399.5	1408.2	1404.7
15°	1754.6	1707.8	1603.9	1506.9	1442.8	1399.5	1382.2	1375.3	1392.6	1399.5	1401.3
17.5°	1766.7	1713.0	1584.9	1477.5	1406.5	1371.8	1363.2	1370.1	1385.7	1406.5	1409.9
20°	1782.3	1716.5	1565.8	1446.3	1373.5	1349.3	1356.2	1373.5	1394.3	1422.0	1427.2
22.5°	1804.8	1725.2	1555.4	1409.9	1338.9	1328.5	1349.3	1378.7	1401.3	1435.9	1439.4
25°	1832.5	1740.7	1529.4	1373.5	1299.1	1302.5	1342.4	1380.5	1403.0	1435.9	1446.3
27.5°	1868.9	1758.1	1512.1	1332.0	1261.0	1276.5	1323.3	1371.8	1399.5	1432.4	1442.8
30°	1903.6	1773.7	1493.1	1288.7	1215.9	1240.2	1297.3	1347.6	1380.5	1409.9	1425.5
32.5°	1945.1	1797.9	1475.7	1252.3	1174.4	1200.3	1262.7	1325.0	1359.7	1389.1	1401.3
35°	1985.0	1822.2	1467.1	1215.9	1132.8	1157.0	1219.4	1292.1	1330.2	1349.3	1370.1
37.5°	2035.2	1858.5	1461.9	1184.7	1089.5	1106.8	1177.8	1254.0	1293.9	1312.9	1332.0
40°	2099.3	1908.8	1463.6	1153.6	1044.4	1058.3	1134.5	1217.7	1262.7	1271.4	1288.7
42.5°	2161.6	1953.8	1467.1	1124.1	1004.6	1011.5	1091.2	1176.1	1214.2	1221.1	1238.4
45°	2230.9	2016.1	1467.1	1087.7	963.0	973.4	1049.6	1131.1	1174.4	1177.8	1191.7
47.5°	2307.1	2076.8	1460.1	1049.6	923.2	933.6	1008.1	1079.1	1118.9	1124.1	1138.0
50°	2383.3	2125.3	1444.6	1002.9	883.4	897.2	959.6	1025.4	1053.1	1061.8	1072.2
52.5°	2456.1	2168.6	1406.5	954.4	843.5	853.9	909.3	963.0	985.6	995.9	1001.1
55°	2511.5	2198.0	1354.5	900.7	808.9	812.3	852.2	897.2	912.8	912.8	921.5
57.5°	2541.0	2203.2	1281.7	845.3	769.0	769.0	796.8	836.6	843.5	841.8	843.5
60°	2549.6	2173.8	1193.4	793.3	729.2	720.5	743.1	769.0	770.8	770.8	779.4
62.5°	2506.3	2092.4	1087.7	743.1	689.4	670.3	687.6	713.6	718.8	718.8	720.5
65°	2360.8	1919.1	971.7	692.8	646.1	623.6	639.1	672.0	682.4	680.7	679.0
66°	*2262.1*	*1834.3*	*924.9*	*672.0*	*628.7*	*602.8*	*620.1*	*654.7*	*659.9*	*659.9*	*658.2*
67.5°	2094.1	1659.3	843.5	640.9	597.6	575.1	594.1	620.1	628.7	633.9	633.9
70°	1740.7	1366.6	737.9	585.4	543.9	528.3	542.1	561.2	566.4	573.3	569.9
72.5°	1373.5	1070.4	642.6	530.0	495.4	476.3	483.3	500.6	514.4	519.6	512.7
75°	1042.7	829.7	559.5	474.6	441.7	419.2	419.2	415.7	415.7	429.6	410.5
77.5°	782.9	656.5	486.7	403.6	368.9	344.7	330.8	334.3	311.8	294.5	280.6
80°	578.5	498.8	398.4	317.0	277.1	239.0	240.8	249.4	195.7	138.6	69.3
82.5°	410.5	362.0	285.8	216.5	164.5	143.8	143.8	150.7	109.1	39.8	0.0
85°	129.9	124.7	112.6	81.4	72.7	55.4	43.3	39.8	45.0	8.7	0.0
87.5°	3.5	3.5	3.5	3.5	1.7	1.7	1.7	1.7	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

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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

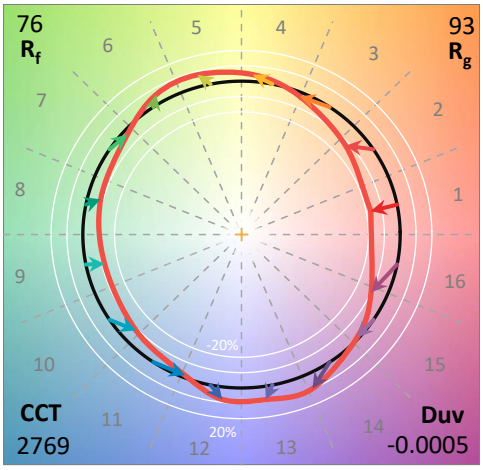
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



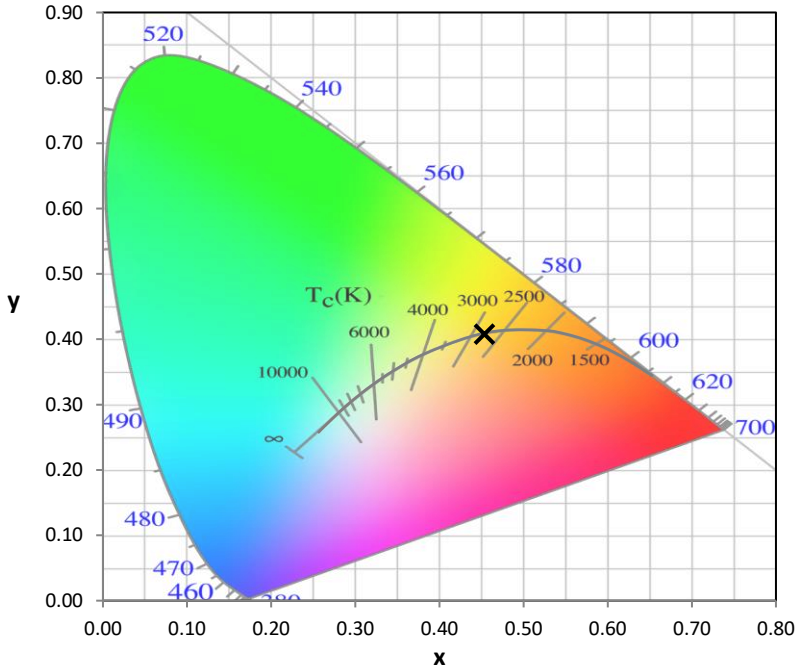
Test Conditions

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

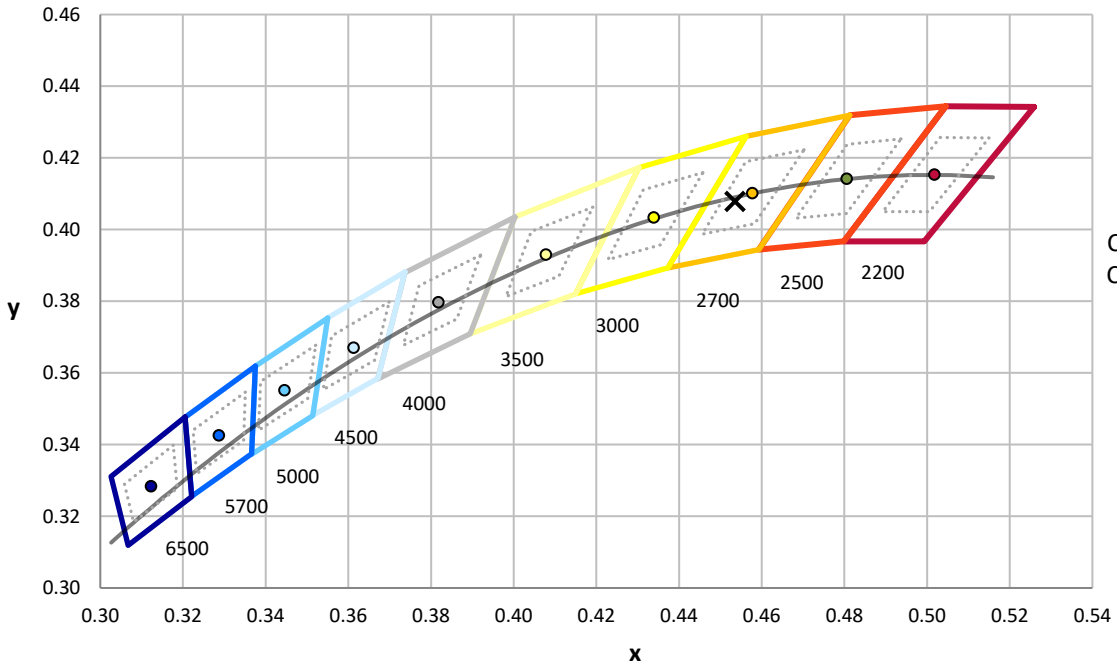
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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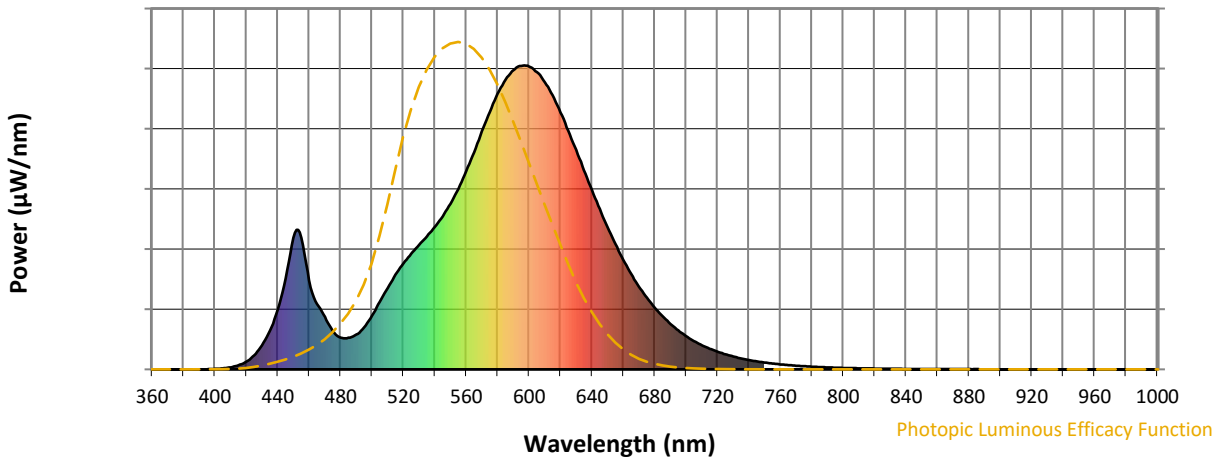
Photopic Flux vs. Wavelength



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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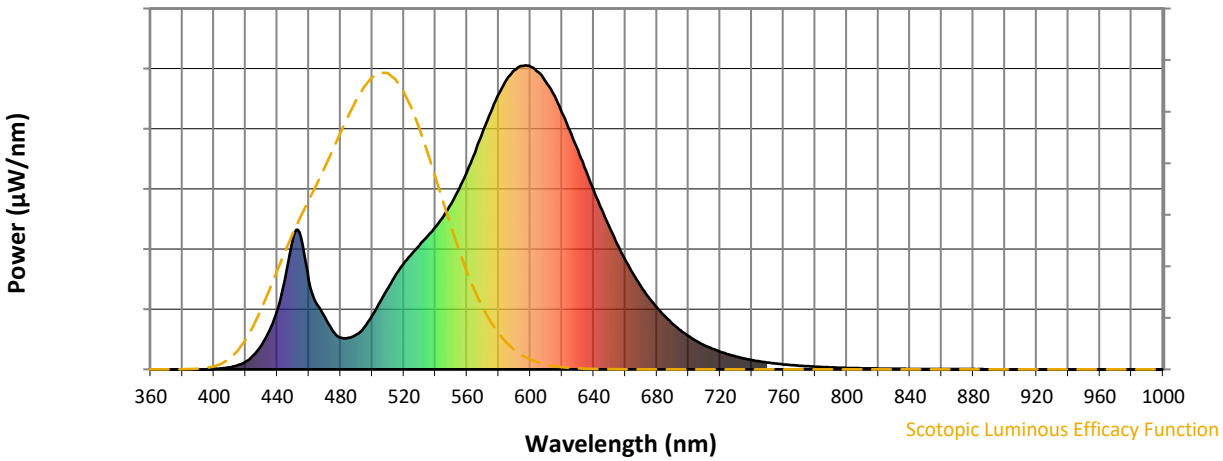
Scotopic Flux vs. Wavelength



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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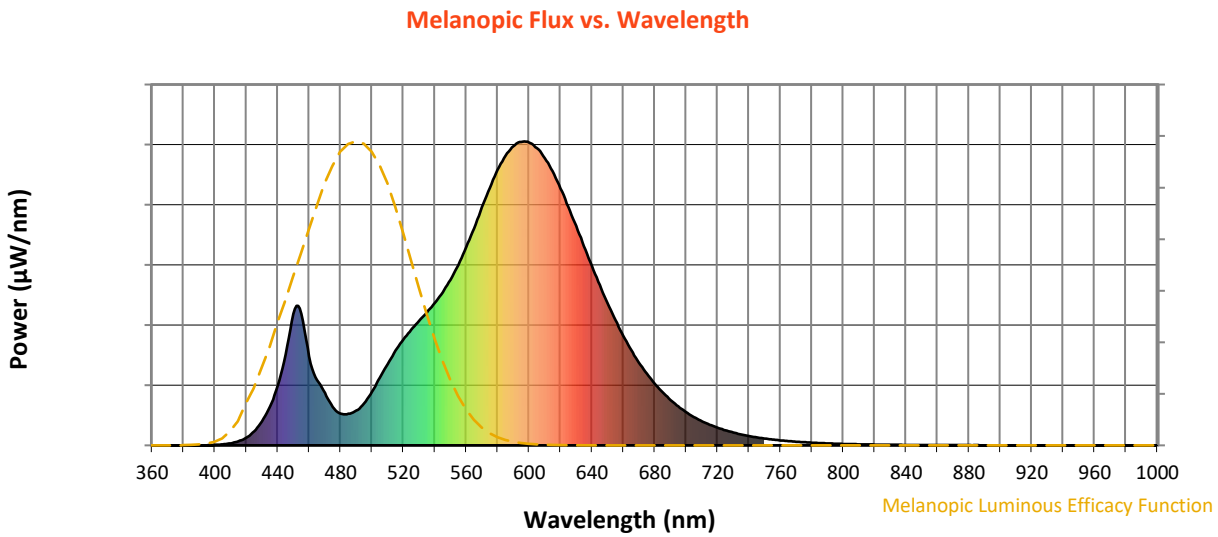

Melanopic Lumens: NR **M/P: 2.08**

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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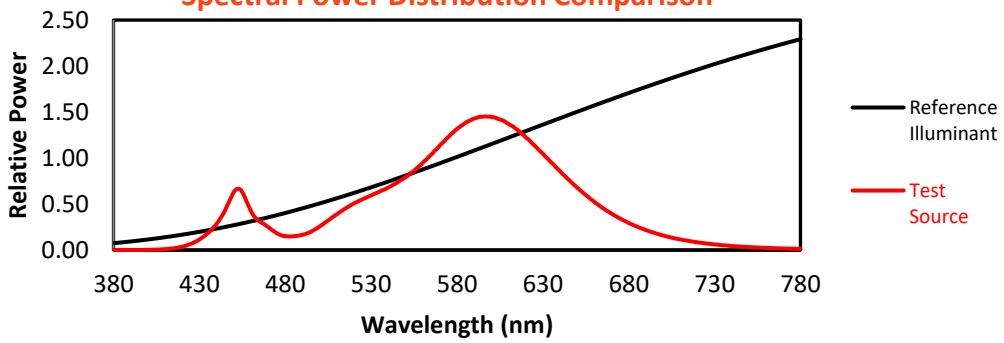
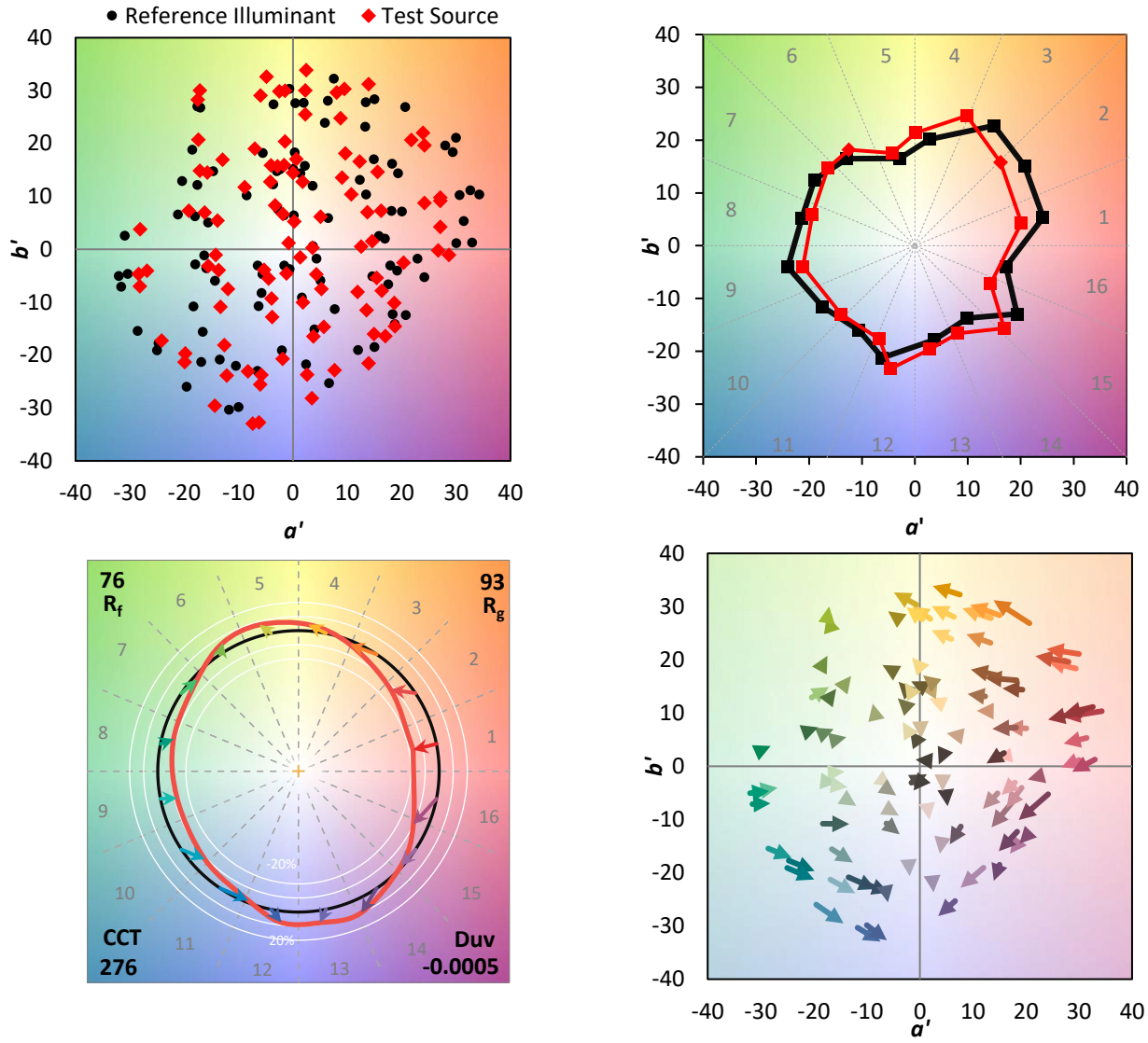
Summary

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

Spectral Power Distribution Comparison

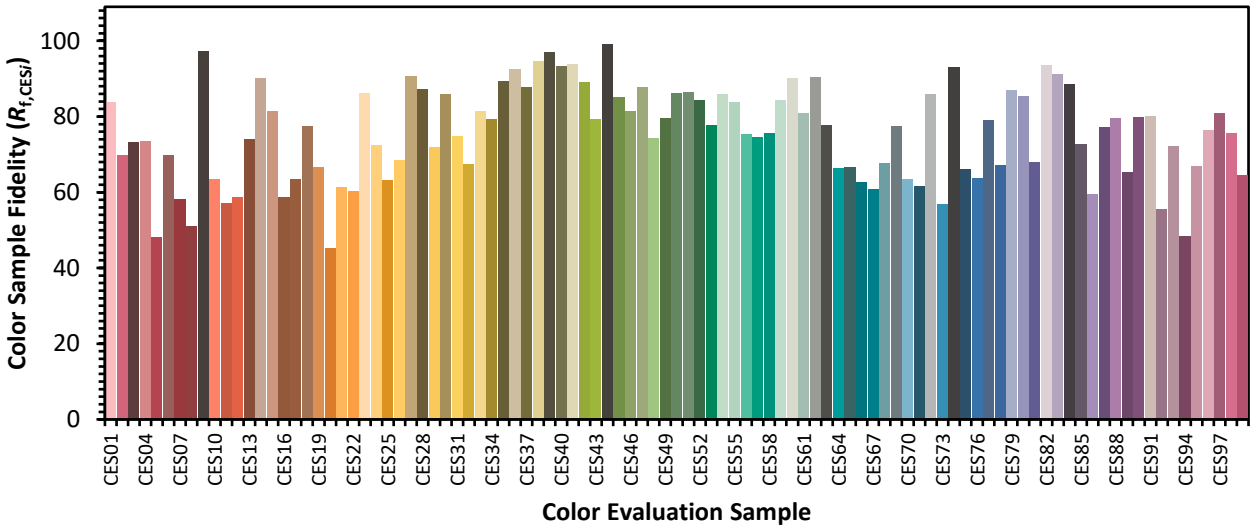


Color Vector Graphics

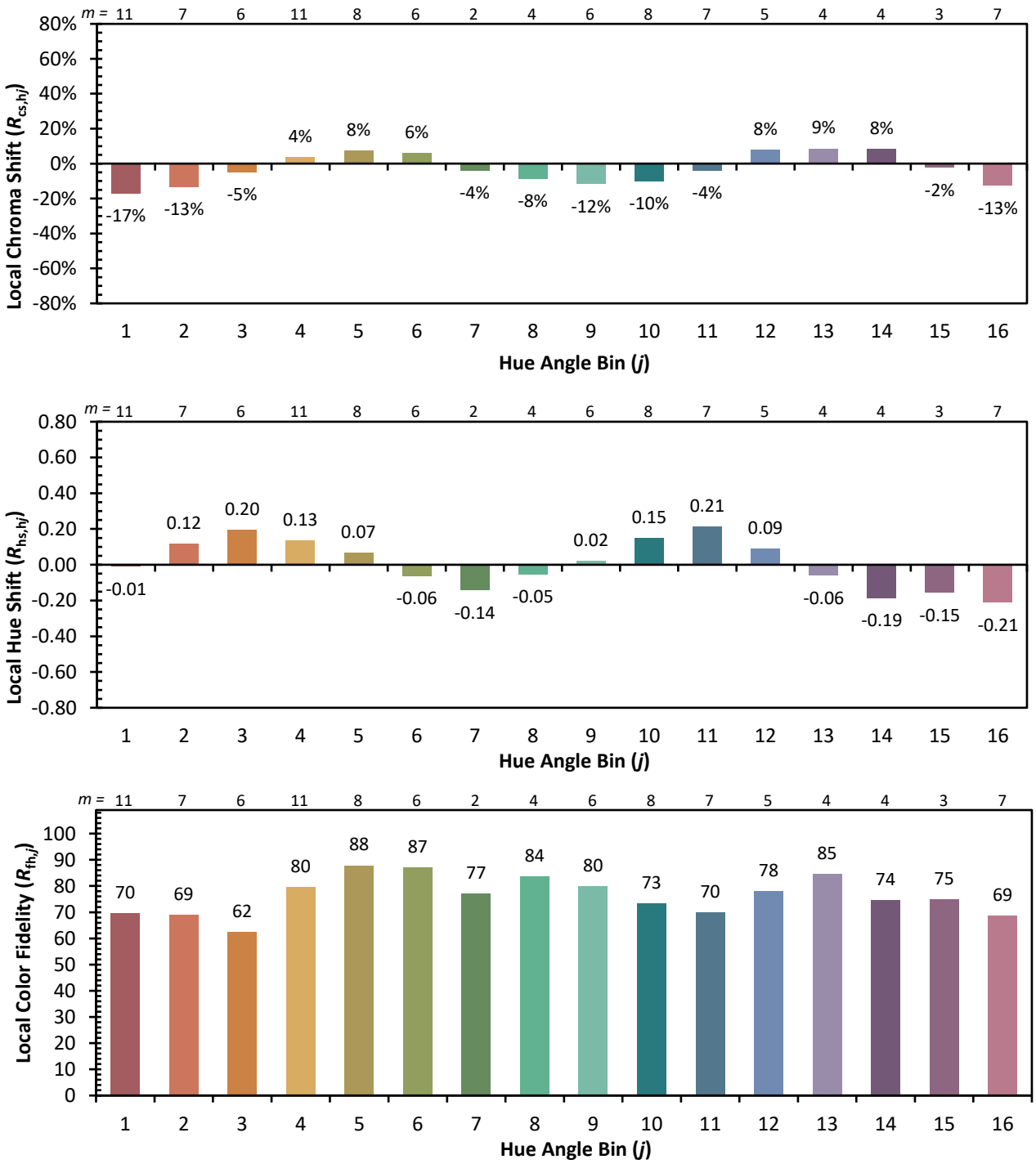


Individual Sample Fidelity Index ($R_{f,i}$)

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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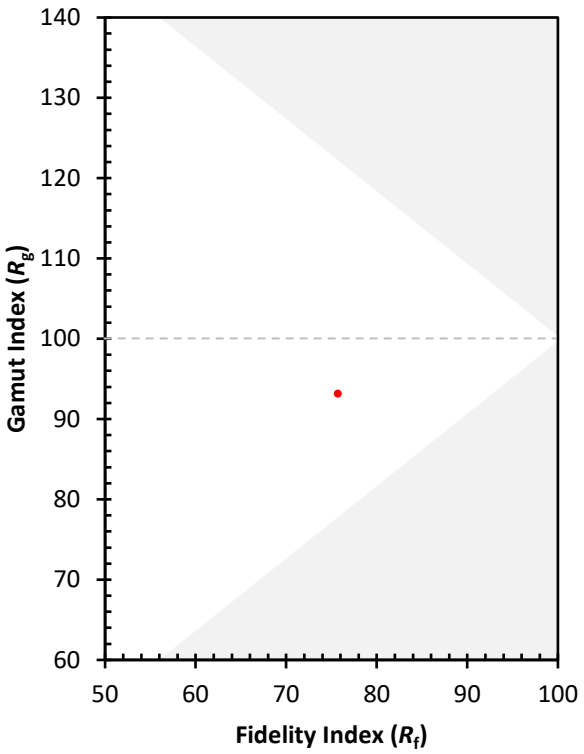
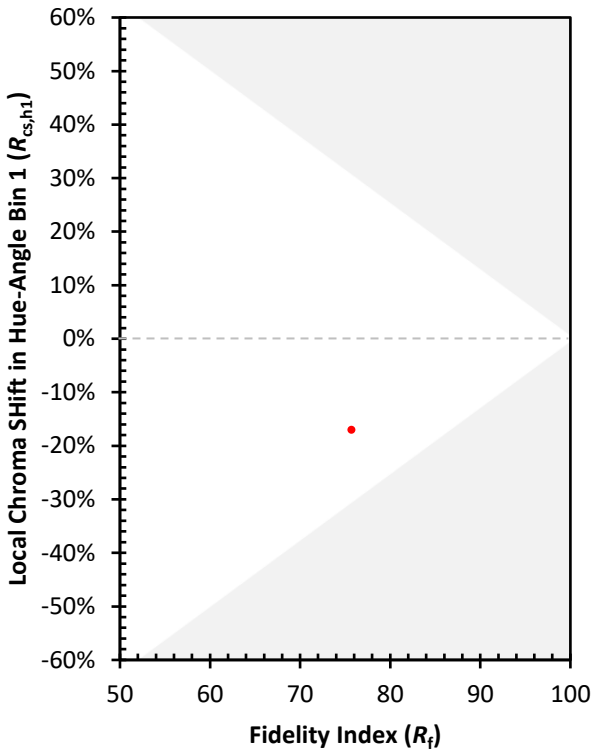
Measure Comparisons





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