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: P1460761

Luminaire Tested: PRV-PC1A-727-U-T2R

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460761
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1A-727-U-T2R
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 425MA 70CRI 2700K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7911.7 lumens
Efficiency:	N/A
Efficacy:	152.1 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.35%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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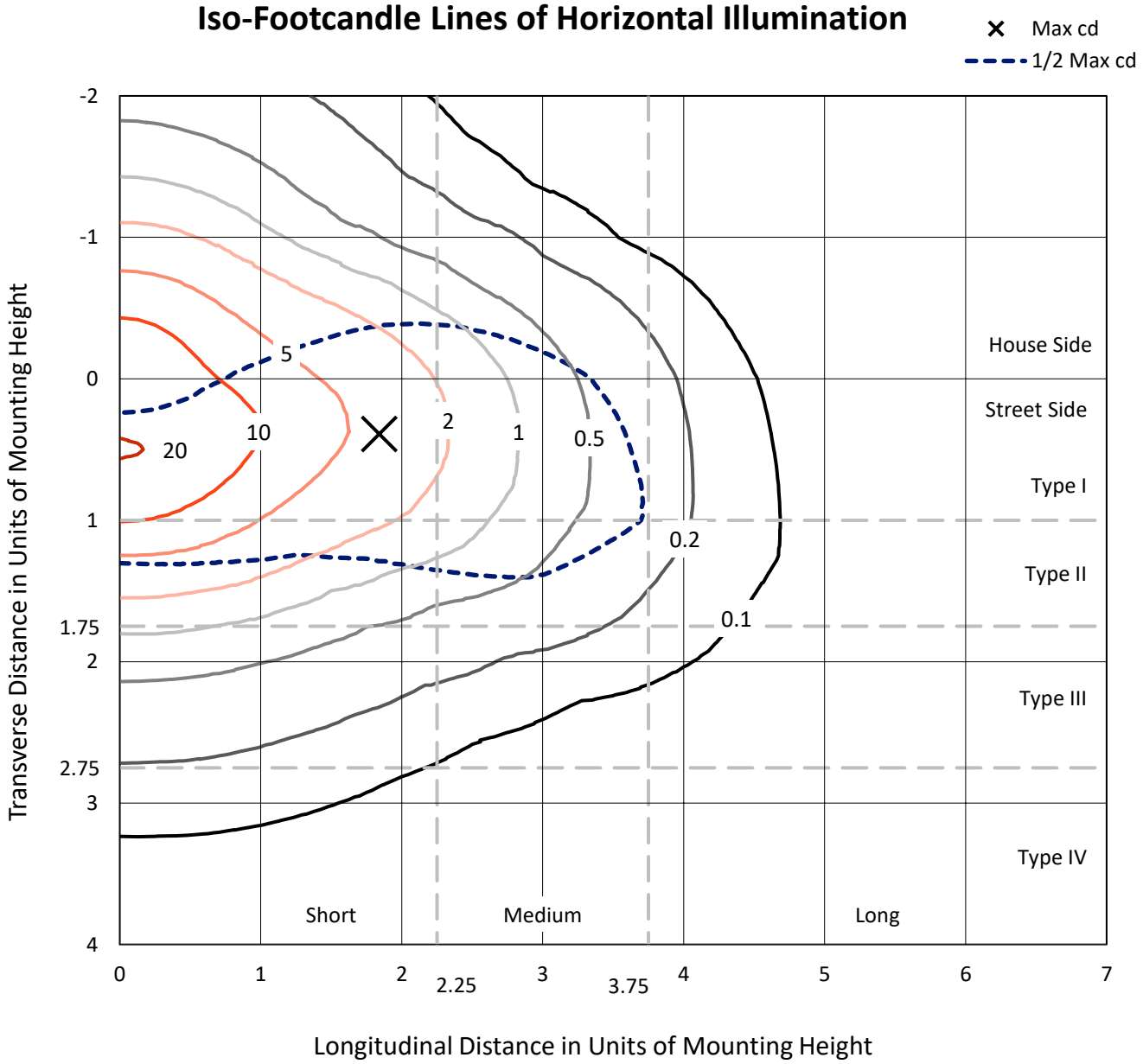
Scaled Data Report

REPORT NUMBER: P1460761
CATALOG NUMBER: PRV-PC1A-727-U-T2R

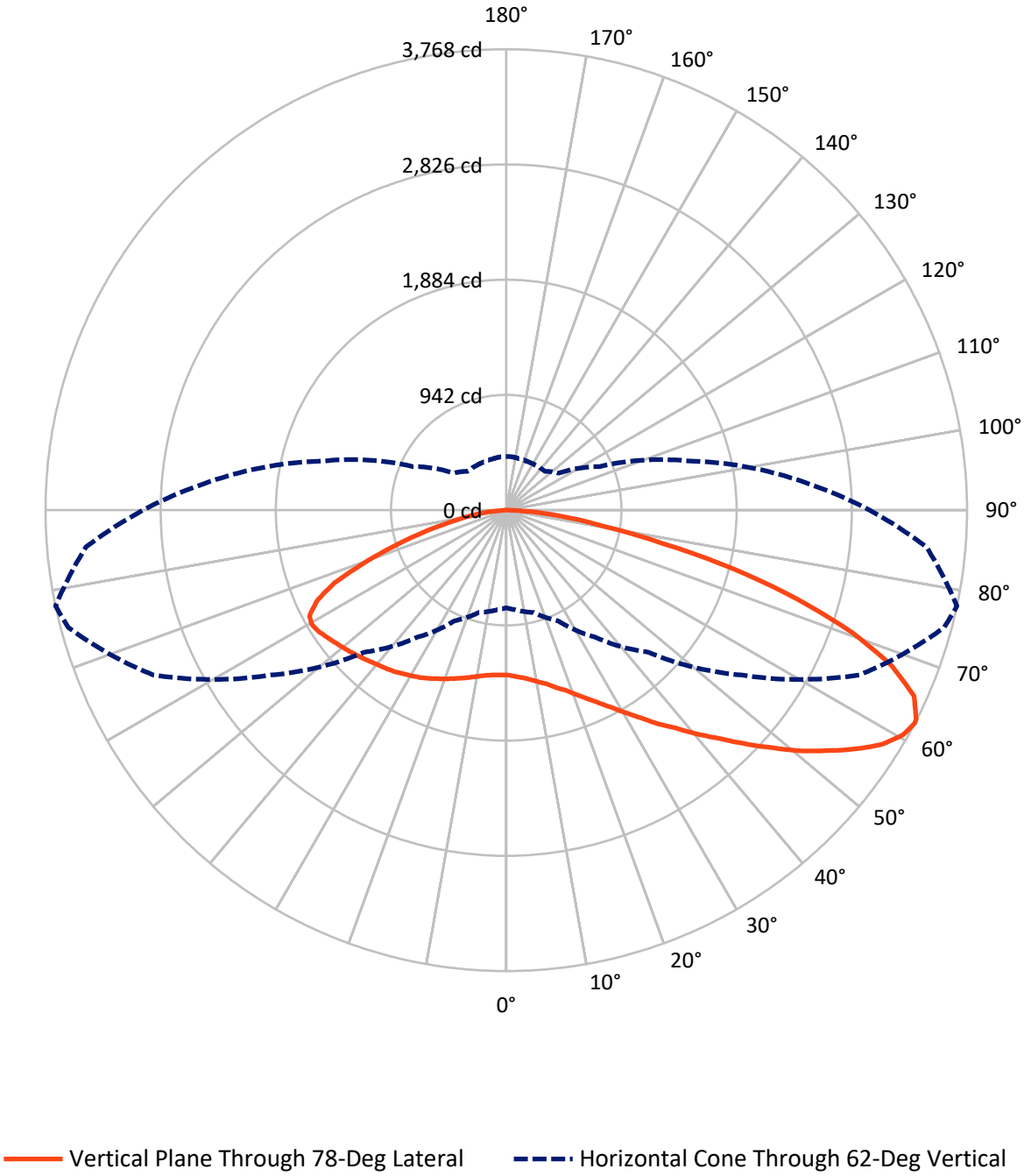
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 20.6 fc
Type II - Short - N/A

REPORT NUMBER: P1460761
CATALOG NUMBER: PRV-PC1A-727-U-T2R

Luminous Intensity Polar Plot



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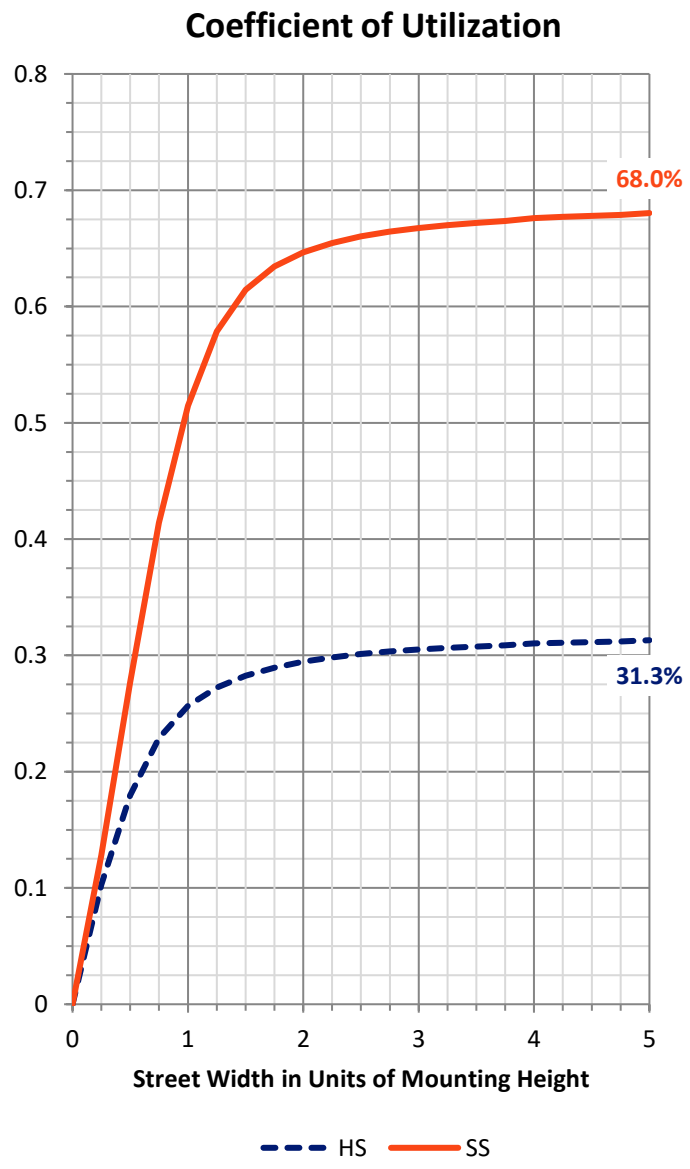
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2506.9	0.0	2506.9
	% Fixture	31.7	0.0	31.7
Street Side	Lumens	5404.7	0.0	5404.7
	% Fixture	68.3	0.0	68.3
Total	Lumens	7911.7	0.0	7911.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.8	1.7
10°-20°	446.2	5.6
20°-30°	848.3	10.7
30°-40°	1279.2	16.2
40°-50°	1550.2	19.6
50°-60°	1534.4	19.4
60°-70°	1275.1	16.1
70°-80°	685.9	8.7
80°-90°	158.7	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°	7911.7	100.0
0°-180°	7911.7	100.0



REPORT NUMBER: P1460761
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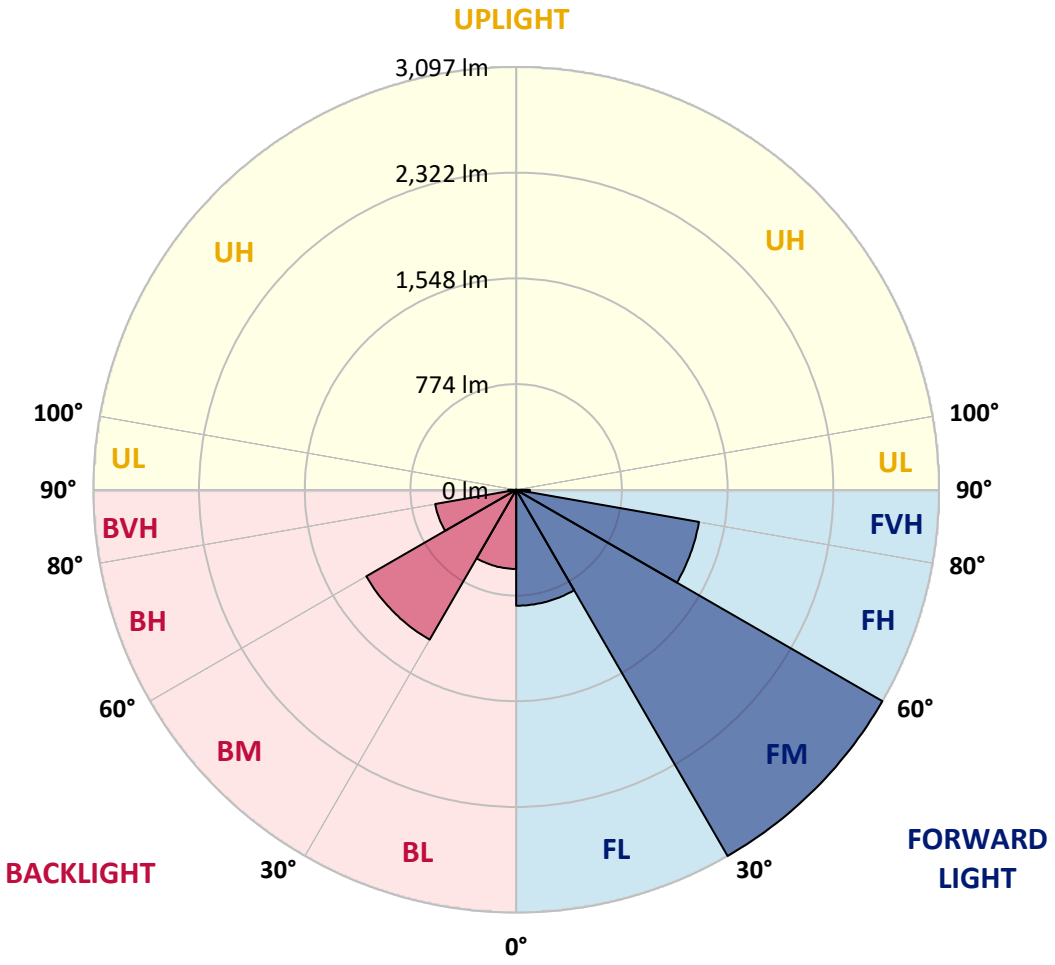
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	849.0	10.7			
FM	(30°-60°)	3096.6	39.1			
FH	(60°-80°)	1359.2	17.2			G1/1800
FVH	(80°-90°)	99.8	1.3			G1/100
BL	(0°-30°)	579.2	7.3	B2/1000		
BM	(30°-60°)	1267.2	16.0	B2/2500		
BH	(60°-80°)	601.7	7.6	B2/1000		G2/1000
BVH	(80°-90°)	58.9	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	78°	85°
0°	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	*1348.4*	1348.4
2.5°	1384.7	1384.0	1385.4	1384.7	1379.9	1375.5	1371.5	1362.7	1360.1	*1360.1*	1350.2
5°	1443.4	1450.4	1448.6	1436.1	1425.1	1414.8	1404.2	1388.0	1379.2	*1375.2*	1360.5
7.5°	1542.5	1538.8	1534.1	1517.6	1499.2	1473.9	1449.7	1424.0	1400.5	*1397.2*	1378.1
10°	1660.3	1654.8	1642.7	1620.7	1587.7	1551.7	1509.8	1470.6	1432.0	*1426.2*	1401.2
12.5°	1793.9	1803.5	1784.0	1744.7	1699.6	1642.0	1585.8	1523.8	1472.4	*1456.3*	1431.3
15°	1970.4	1962.7	1947.3	1894.5	1823.3	1749.5	1668.0	1584.7	1515.4	*1502.5*	1462.5
17.5°	2153.2	2136.7	2114.7	2054.5	1969.3	1861.8	1764.9	1657.0	1569.3	*1545.1*	1498.1
20°	2350.3	2351.0	2307.3	2238.3	2133.4	2000.5	1873.2	1741.1	1632.4	*1603.8*	1542.9
22.5°	2554.3	2557.6	2509.9	2427.7	2312.1	2161.6	1999.8	1843.5	1704.0	*1669.5*	1588.4
25°	2762.4	2763.2	2718.4	2629.9	2491.9	2329.0	2142.2	1953.2	1786.9	*1742.2*	1645.6
27.5°	2950.0	2956.9	2911.4	2815.6	2673.6	2498.6	2287.2	2076.1	1874.3	*1824.7*	1705.5
30°	3100.4	3097.1	3060.4	2975.3	2835.8	2652.7	2447.2	2210.5	1980.7	*1920.5*	1776.7
32.5°	3213.1	3211.3	3169.4	3088.0	2964.6	2806.1	2602.4	2347.7	2100.0	*2025.5*	1852.3
35°	3272.9	3275.1	3242.5	3166.9	3068.1	2925.7	2756.2	2517.3	2214.1	*2147.0*	1946.6
37.5°	3309.6	3313.3	3263.0	3202.5	3120.6	3021.2	2894.5	2669.6	2358.4	*2262.9*	2034.7
40°	3264.1	3268.9	3235.5	3165.0	3126.5	3072.9	3003.5	2830.3	2508.5	*2407.2*	2131.6
42.5°	3108.9	3112.9	3115.9	3078.1	3073.3	3079.2	3077.7	2965.0	2663.7	*2550.7*	2245.3
45°	2901.5	2907.8	2937.5	2948.9	2978.6	3041.7	3105.6	3092.4	2839.9	*2721.0*	2374.1
47.5°	2646.1	2675.4	2712.9	2783.3	2864.8	2967.2	3086.5	3191.8	3013.5	*2899.0*	2509.9
50°	2259.3	2285.0	2407.2	2551.4	2697.8	2875.5	3031.1	3249.1	3190.0	*3091.3*	2672.9
52.5°	1857.4	1880.2	2023.3	2261.5	2475.1	2737.1	2952.5	3262.7	3357.0	*3267.4*	2841.3
55°	1498.1	1523.4	1646.7	1891.5	2192.5	2522.0	2861.9	3245.4	3501.9	*3449.1*	3033.6
57.5°	1186.5	1194.2	1300.3	1516.1	1878.0	2252.7	2734.9	3221.5	3620.1	*3616.1*	3209.4
60°	934.8	948.0	1036.4	1219.2	1516.1	1932.6	2559.1	3205.4	3690.9	*3729.5*	3370.2
62°	*798.6*	*817.3*	*866.5*	*997.5*	*1267.6*	*1642.0*	*2350.3*	*3187.0*	*3706.7*	*3768.0*	*3449.1*
62.5°	775.5	781.3	835.3	960.8	1204.9	1584.0	2301.5	3183.7	3702.3	*3762.5*	3456.1
65°	653.3	658.0	696.6	770.7	952.4	1252.6	1967.9	3098.6	3605.8	*3664.2*	3407.6
67.5°	559.3	565.6	587.2	643.7	758.6	1003.0	1633.5	2850.5	3394.4	*3401.7*	3209.8
70°	477.5	478.2	506.1	538.8	620.2	787.2	1274.6	2455.2	3046.5	*3004.6*	2831.1
72.5°	396.7	401.9	426.1	460.6	506.1	627.9	974.8	2002.7	2556.9	*2486.1*	2308.8
75°	329.2	329.9	348.3	376.9	417.3	499.5	746.5	1482.0	1970.1	*1927.9*	1721.2
77.5°	269.4	276.4	287.0	310.5	332.5	400.0	561.5	1062.5	1357.2	*1304.7*	1127.4
80°	216.2	222.8	234.5	246.3	259.1	294.7	428.7	732.5	899.2	*827.2*	701.3
82.5°	167.4	171.8	179.8	190.8	194.9	215.4	295.8	492.5	553.1	*522.2*	399.3
85°	105.7	107.2	108.3	117.4	127.7	139.1	176.2	259.1	302.8	*281.5*	185.0
87.5°	31.9	27.9	35.2	41.5	41.5	40.0	49.2	67.9	66.8	*57.3*	32.7
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: P1460761
CATALOG NUMBER: PRV-PC1A-727-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4	1348.4
2.5°	1349.8	1351.3	1347.3	1343.2	1338.1	1339.2	1335.2	1336.6	1334.4	1330.8	1329.7
5°	1359.4	1355.3	1349.1	1344.7	1340.3	1340.7	1334.4	1336.3	1335.2	1332.6	1329.3
7.5°	1373.0	1366.0	1358.3	1353.9	1347.6	1347.3	1342.9	1341.0	1339.9	1338.1	1337.4
10°	1392.4	1382.5	1374.4	1367.1	1359.7	1359.0	1352.4	1351.3	1349.5	1349.1	1346.2
12.5°	1418.1	1404.5	1392.8	1383.2	1373.7	1371.5	1364.5	1359.7	1357.2	1355.0	1353.1
15°	1445.3	1428.4	1413.3	1398.3	1387.3	1380.3	1368.6	1362.3	1358.3	1353.5	1353.1
17.5°	1475.0	1455.2	1432.0	1411.9	1395.7	1383.2	1367.8	1358.6	1353.1	1348.0	1346.2
20°	1512.1	1485.3	1453.0	1425.8	1401.6	1382.1	1361.9	1346.9	1334.8	1328.2	1326.3
22.5°	1549.1	1516.5	1473.1	1436.8	1403.4	1377.0	1346.9	1324.9	1309.8	1301.4	1299.9
25°	1593.2	1552.8	1494.4	1444.5	1399.7	1364.5	1326.0	1299.2	1281.6	1270.6	1271.3
27.5°	1642.0	1590.2	1513.9	1444.9	1390.9	1342.5	1299.6	1266.2	1249.6	1235.0	1235.7
30°	1695.6	1629.9	1526.7	1442.7	1371.5	1313.9	1262.5	1226.5	1206.0	1188.4	1187.6
32.5°	1756.1	1671.0	1538.8	1438.6	1349.5	1278.6	1219.9	1180.3	1153.5	1138.1	1136.6
35°	1820.7	1718.3	1554.3	1429.8	1322.3	1236.1	1173.3	1123.4	1098.1	1072.7	1071.6
37.5°	1887.5	1759.4	1564.5	1412.6	1282.7	1183.2	1109.4	1055.9	1010.4	990.5	988.3
40°	1964.2	1809.0	1570.0	1388.7	1231.7	1119.7	1043.8	970.0	925.6	903.2	900.6
42.5°	2041.6	1862.5	1579.2	1359.7	1172.2	1048.2	948.0	879.0	841.9	814.4	818.0
45°	2138.2	1923.1	1588.8	1323.0	1103.2	959.3	856.2	789.4	755.7	735.1	734.7
47.5°	2240.6	1985.5	1597.6	1277.9	1028.3	870.5	768.5	709.0	683.4	669.0	666.5
50°	2346.2	2056.7	1603.4	1221.8	944.3	771.8	686.3	641.5	616.9	606.3	603.0
52.5°	2476.5	2136.0	1606.7	1162.7	851.8	687.4	619.5	584.3	567.8	557.8	558.9
55°	2606.8	2221.8	1609.7	1090.7	761.2	606.3	562.2	537.7	530.7	526.6	524.8
57.5°	2756.2	2326.1	1611.1	1015.1	674.9	541.3	514.5	498.0	491.4	498.0	500.2
60°	2893.1	2421.1	1595.7	926.3	593.1	487.0	470.9	461.0	459.9	463.2	465.0
62°	*2970.5*	*2480.6*	*1550.2*	*844.5*	*527.0*	*449.2*	*439.7*	*434.5*	*433.1*	*438.9*	*438.2*
62.5°	2983.0	2487.2	1532.6	819.1	515.6	442.2	432.7	425.7	426.1	432.3	430.9
65°	2974.6	2463.3	1387.3	699.1	449.2	399.3	394.5	390.1	391.2	397.8	397.1
67.5°	2817.8	2307.0	1192.4	581.7	394.2	362.2	357.1	353.8	360.4	367.0	370.7
70°	2504.1	1985.9	938.8	478.9	344.6	323.0	321.9	318.6	329.9	333.2	336.2
72.5°	2047.9	1597.6	725.9	394.2	300.2	283.0	283.0	287.4	290.7	296.2	296.9
75°	1512.8	1204.9	554.9	328.5	258.4	245.5	246.3	248.8	246.6	245.5	246.6
77.5°	996.4	788.3	415.4	269.4	221.7	208.5	205.5	207.4	215.8	229.0	230.1
80°	601.9	507.2	307.5	219.8	181.3	164.8	168.1	175.8	212.1	224.6	225.7
82.5°	351.2	311.6	231.6	171.4	139.5	123.7	130.3	168.8	190.1	122.6	136.2
85°	161.5	150.5	140.2	105.0	84.0	77.4	94.0	146.1	128.8	56.5	43.7
87.5°	28.6	29.4	29.0	22.8	16.5	15.4	31.9	41.5	26.1	6.6	4.4
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

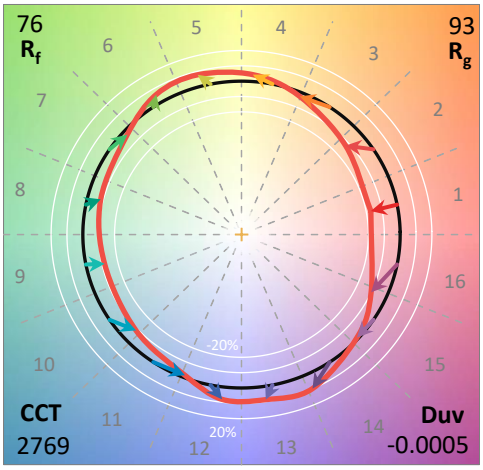
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



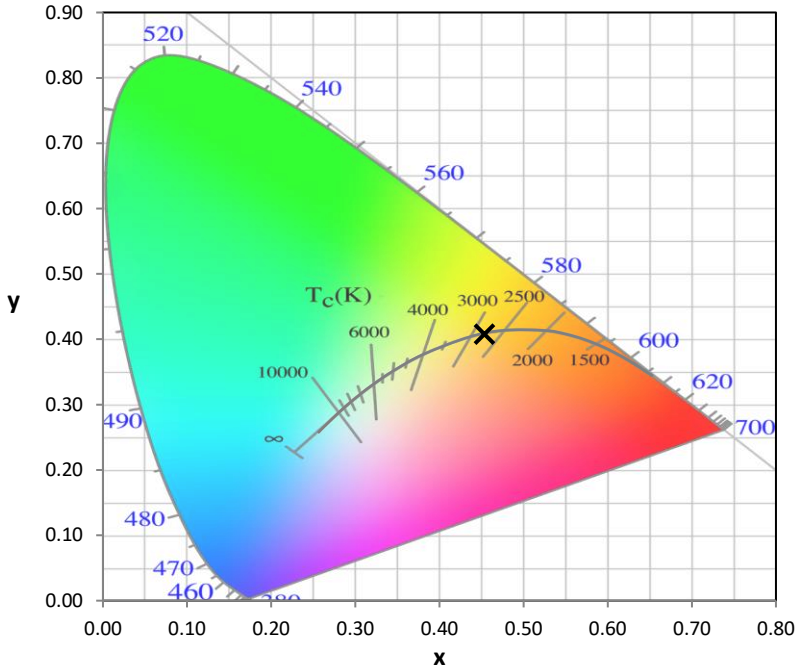
Test Conditions

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

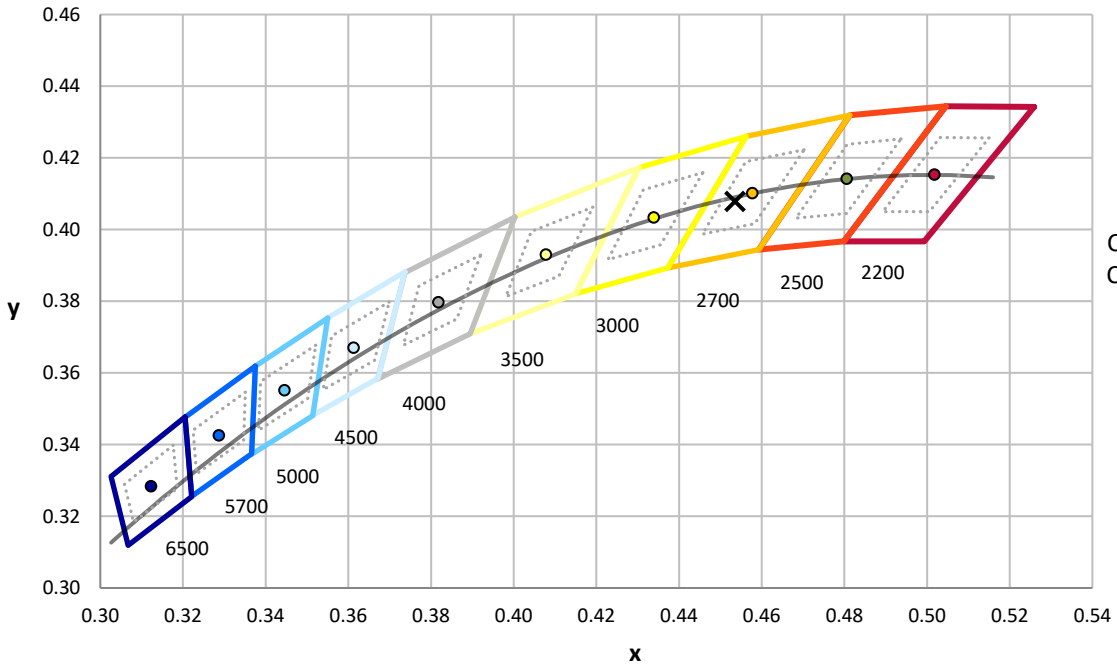
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

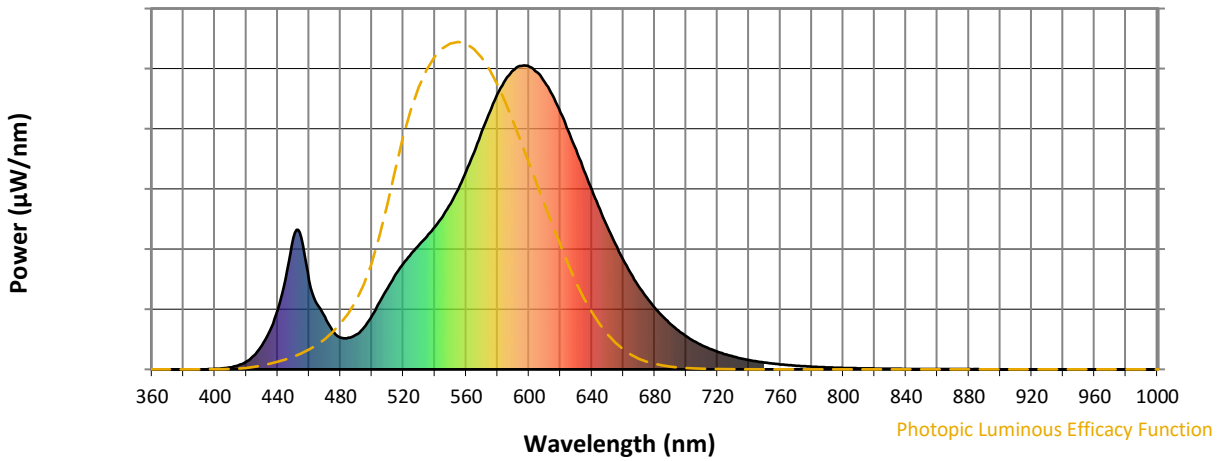


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

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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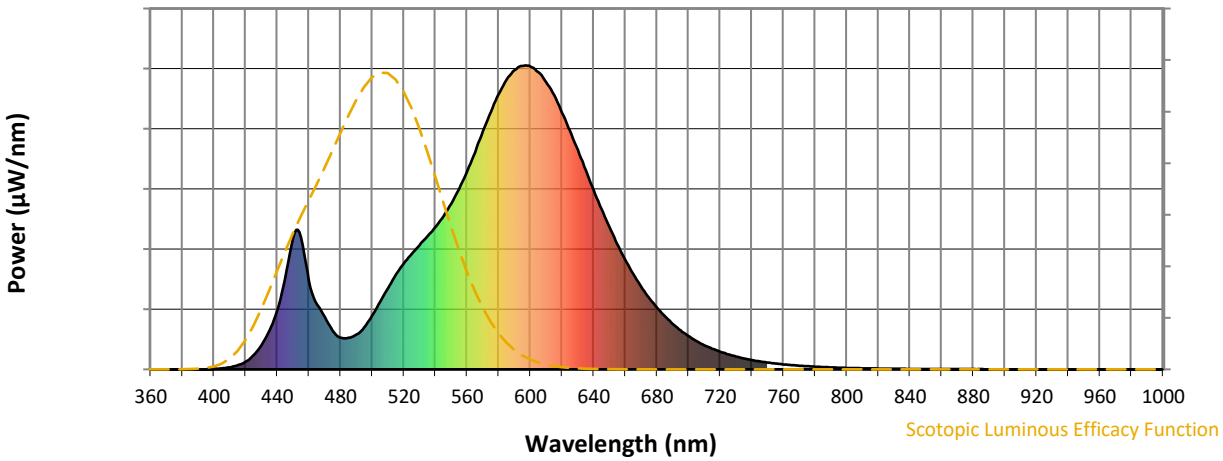
Scotopic Flux vs. Wavelength



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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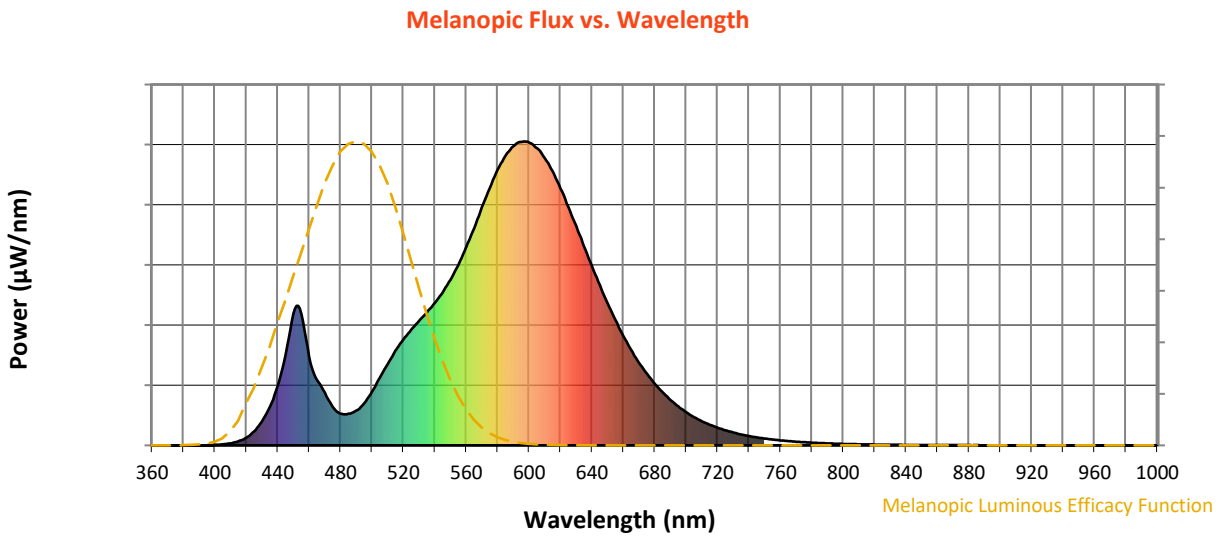

Melanopic Lumens: NR **M/P: 2.08**

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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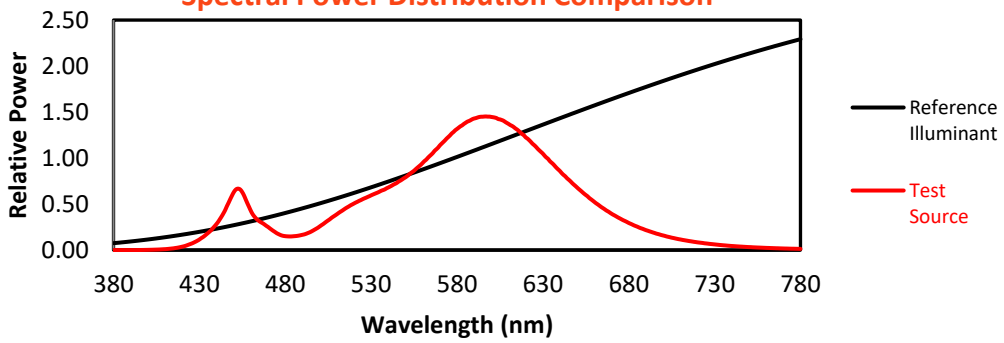
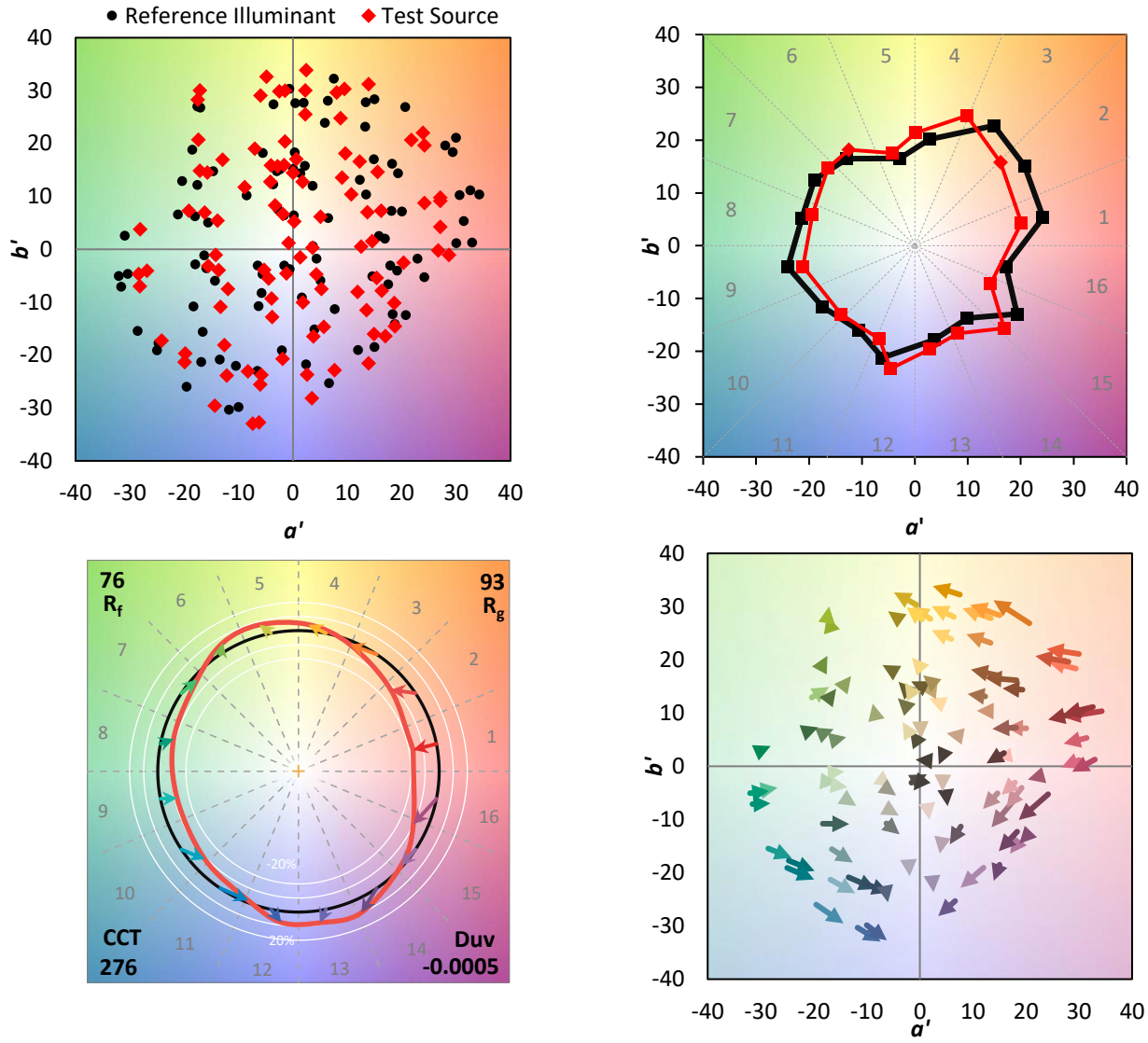
Summary

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

Spectral Power Distribution Comparison

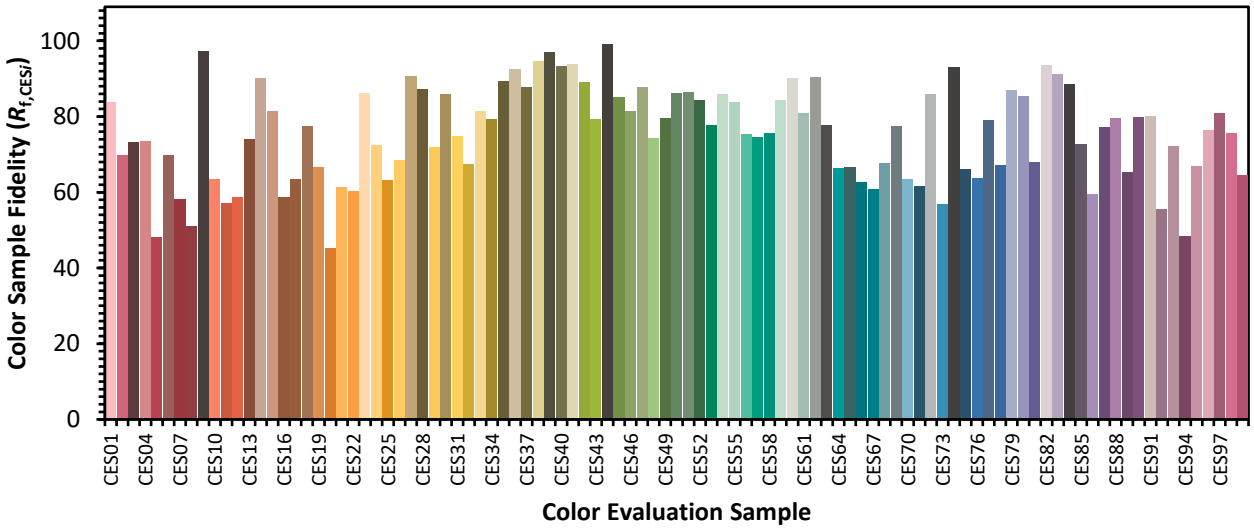


Color Vector Graphics

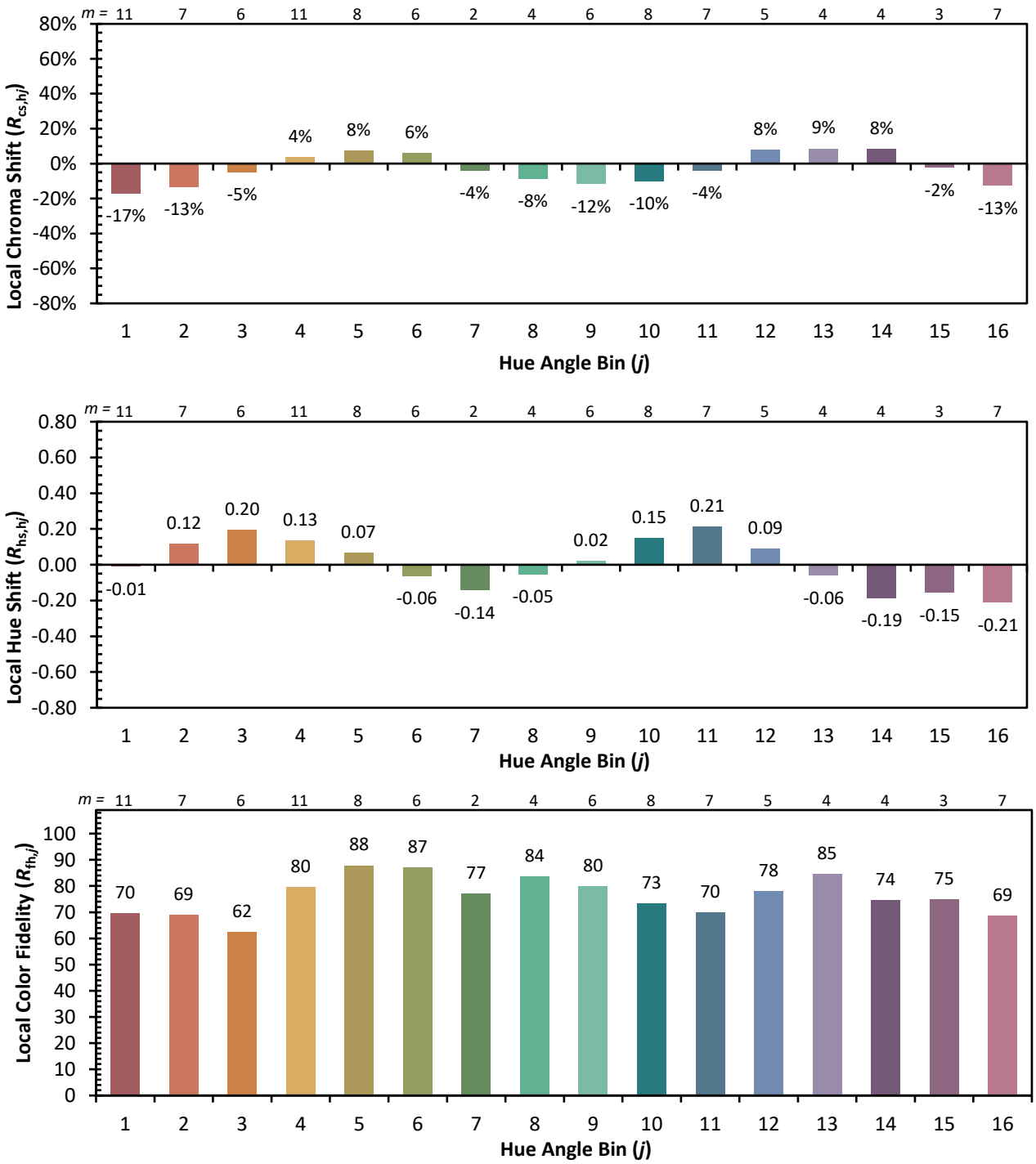


Individual Sample Fidelity Index ($R_{f,i}$)

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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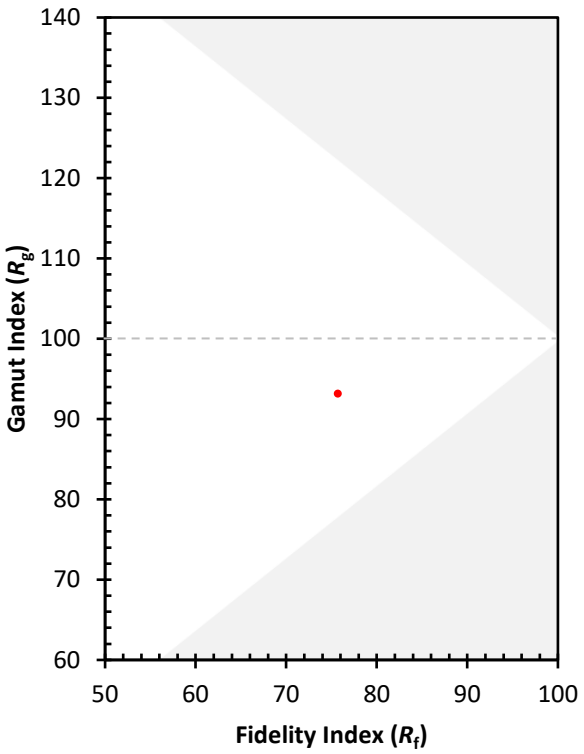
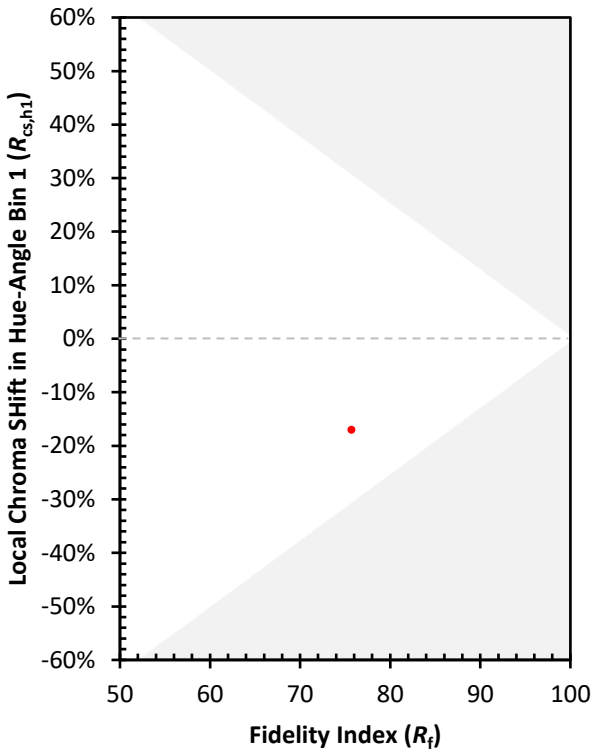
Measure Comparisons





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