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: P1460657

Luminaire Tested: PRV-PC1A-727-U-T2U

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460657
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1A-727-U-T2U
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 425MA 70CRI 2700K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7896 lumens
Efficiency:	N/A
Efficacy:	151.8 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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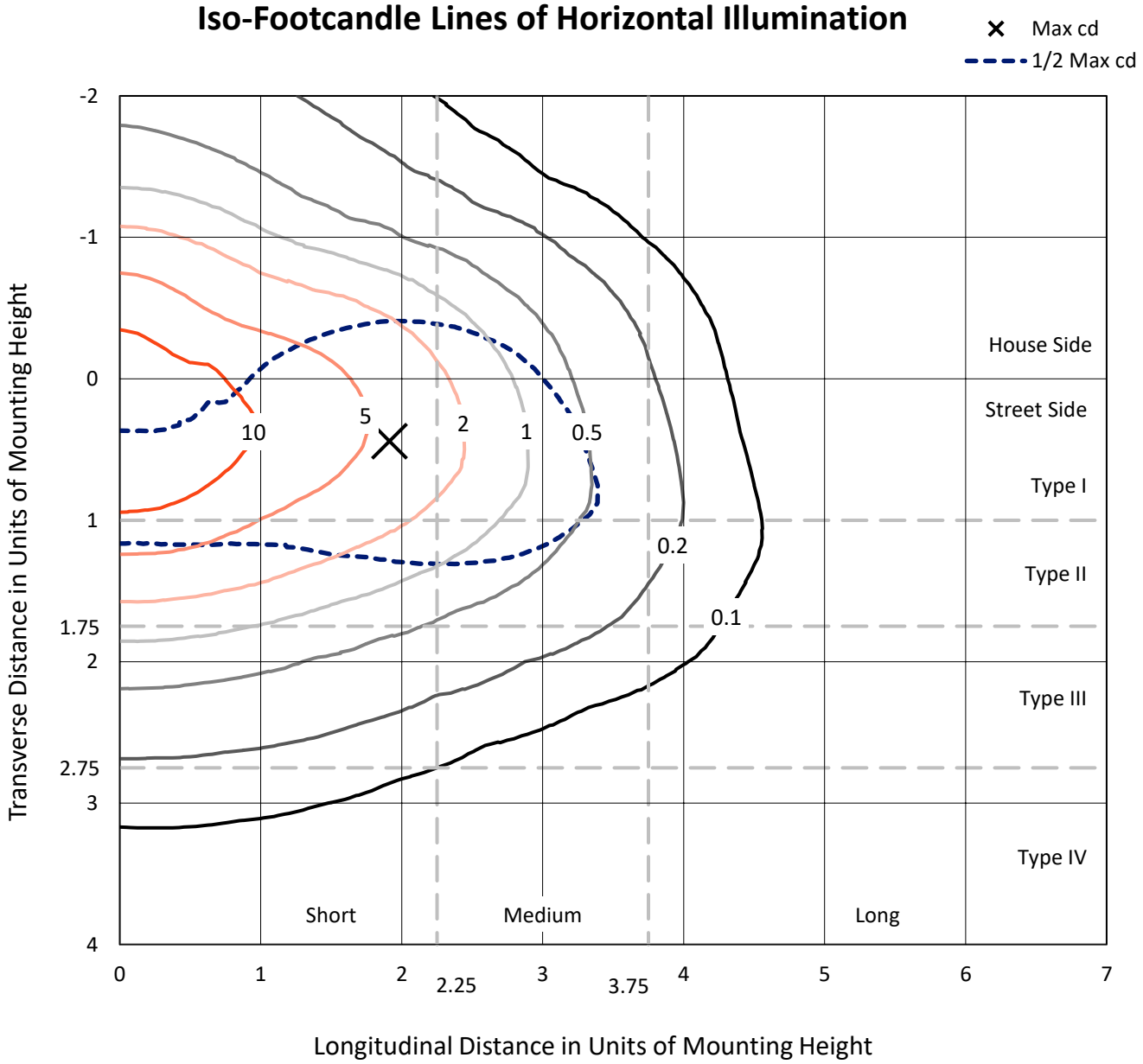
Scaled Data Report

REPORT NUMBER: P1460657
CATALOG NUMBER: PRV-PC1A-727-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 18.3 fc
Type II - Short - N/A

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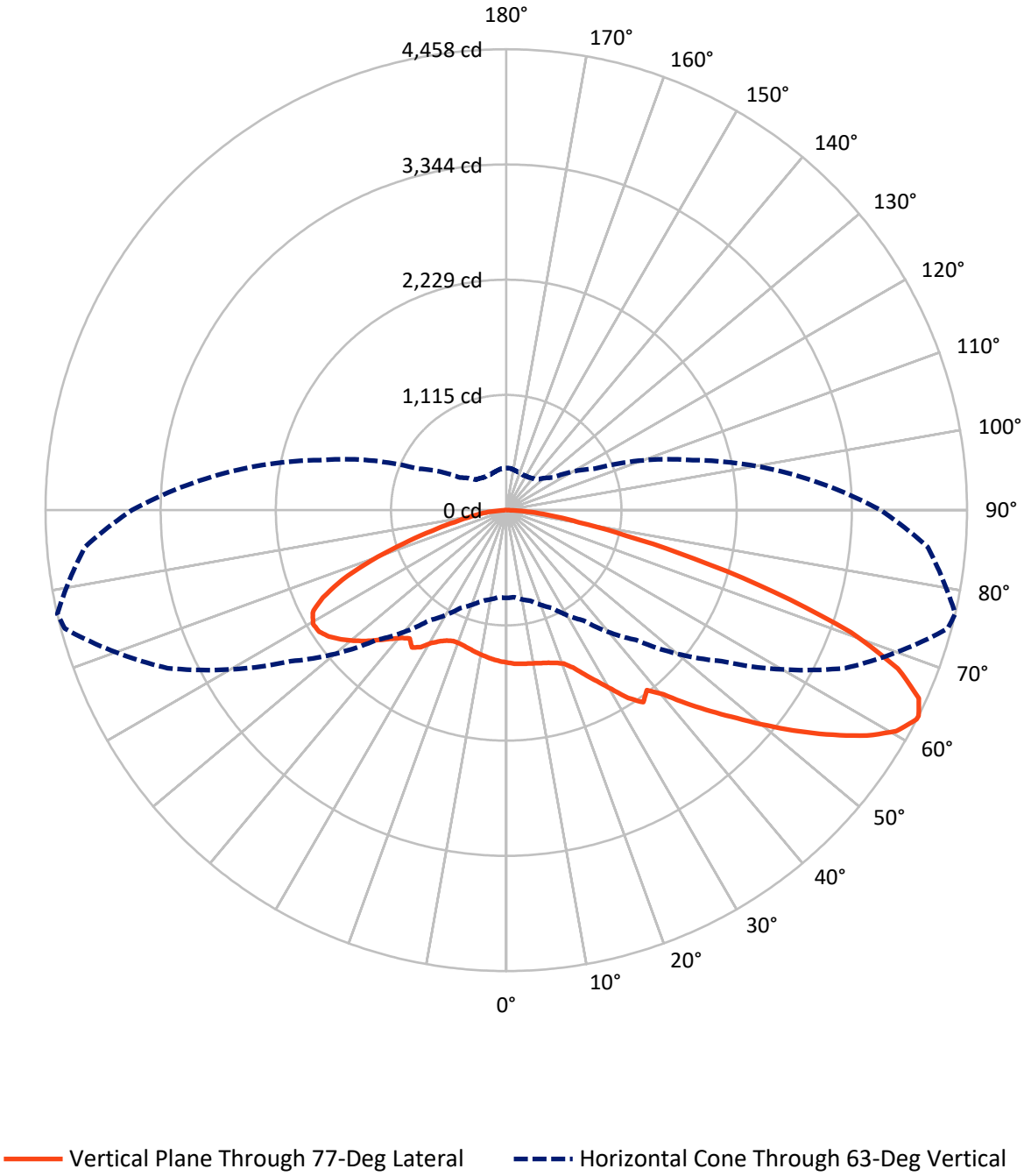
CATALOG NUMBER: PRV-PC1A-727-U-T2U

Luminous Intensity Polar Plot



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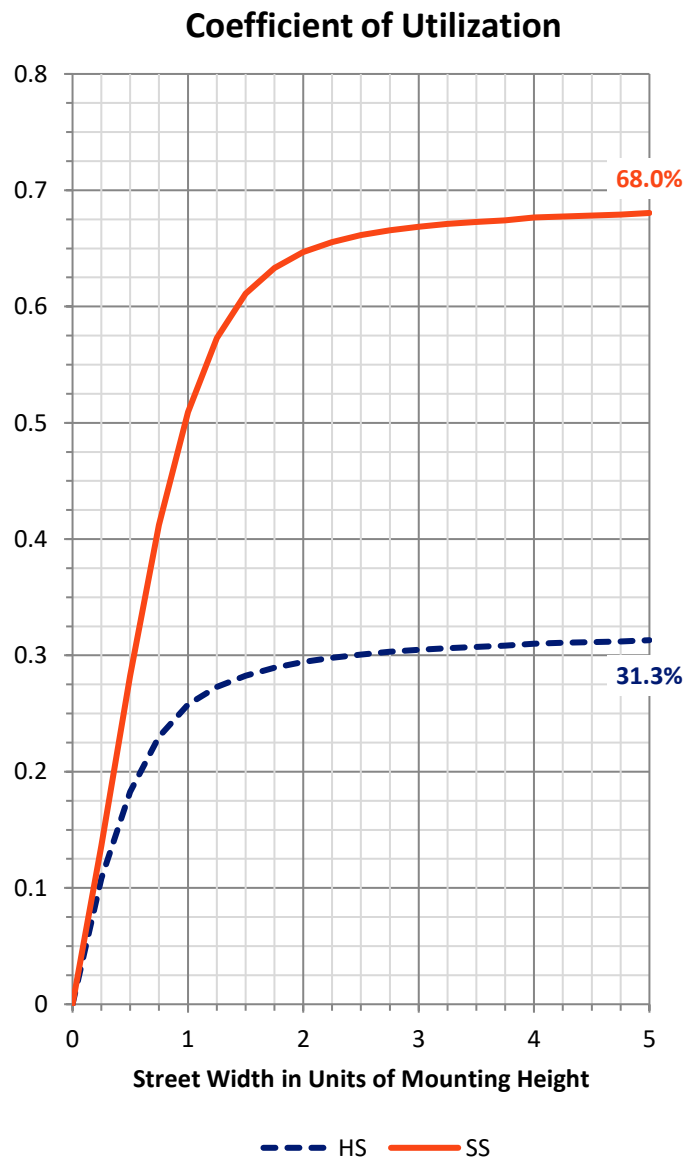
CATALOG NUMBER: PRV-PC1A-727-U-T2U

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2504.3	0.0	2504.3
	% Fixture	31.7	0.0	31.7
Street Side	Lumens	5391.6	0.0	5391.6
	% Fixture	68.3	0.0	68.3
Total	Lumens	7896.0	0.0	7896.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.9	1.8
10°-20°	432.4	5.5
20°-30°	767.7	9.7
30°-40°	1143.7	14.5
40°-50°	1466.1	18.6
50°-60°	1647.0	20.9
60°-70°	1454.3	18.4
70°-80°	695.3	8.8
80°-90°	148.7	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°	7896.0	100.0
0°-180°	7896.0	100.0



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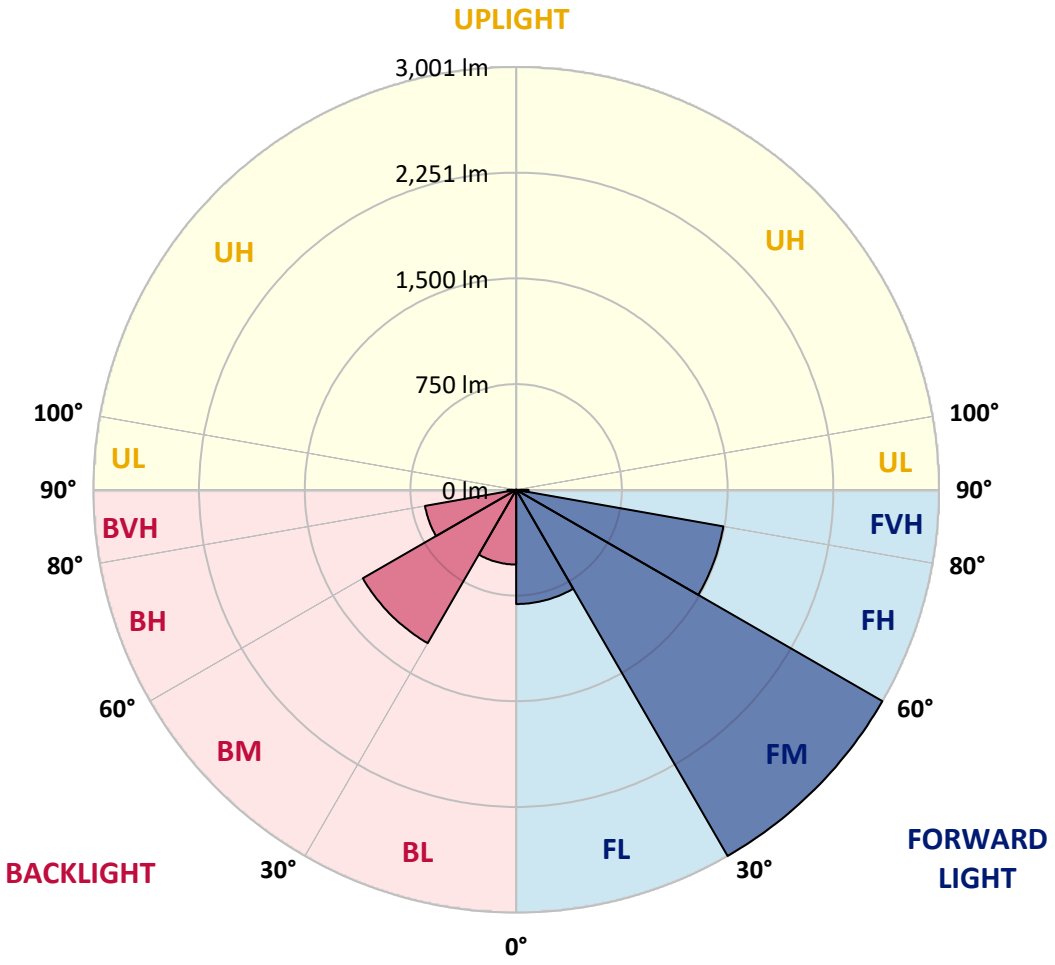
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	810.5	10.3			
FM	(30°-60°)	3000.8	38.0			
FH	(60°-80°)	1493.0	18.9			G1/1800
FVH	(80°-90°)	87.4	1.1			G1/100
BL	(0°-30°)	530.5	6.7	B2/1000		
BM	(30°-60°)	1255.9	15.9	B2/2500		
BH	(60°-80°)	656.6	8.3	B2/1000		G2/1000
BVH	(80°-90°)	61.3	0.8			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°	77°	85°
0°	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	*1474.2*	1474.2
2.5°	1509.8	1516.4	1510.1	1509.4	1506.8	1499.5	1499.9	1490.3	1483.4	*1486.7*	1477.5
5°	1566.7	1567.4	1564.1	1558.6	1549.0	1534.4	1521.2	1507.2	1490.7	*1492.2*	1477.8
7.5°	1642.3	1644.1	1631.6	1620.6	1601.5	1574.7	1552.0	1522.6	1497.7	*1498.4*	1474.9
10°	1726.3	1728.1	1717.5	1698.4	1667.6	1628.3	1586.1	1546.5	1508.3	*1506.5*	1472.3
12.5°	1821.3	1823.5	1815.5	1782.4	1742.1	1688.1	1632.0	1573.3	1523.0	*1517.8*	1476.4
15°	1927.8	1931.8	1912.4	1879.7	1827.2	1755.3	1683.4	1607.0	1539.9	*1531.8*	1480.4
17.5°	2081.5	2068.3	2054.4	2009.6	1930.7	1841.9	1740.6	1647.8	1561.9	*1553.1*	1487.4
20°	2237.5	2238.6	2224.3	2196.4	2100.3	1985.8	1830.9	1706.8	1596.8	*1584.6*	1509.4
22.5°	2225.8	2226.1	2232.7	2245.6	2234.9	2174.8	2032.7	1839.3	1676.0	*1652.5*	1552.0
25°	2264.7	2271.3	2266.9	2257.3	2210.7	2179.5	2148.7	2005.2	1792.7	*1760.8*	1632.0
27.5°	2357.1	2368.2	2361.2	2352.7	2299.5	2240.1	2149.8	2079.0	1912.0	*1873.5*	1721.9
30°	2456.6	2460.6	2450.7	2437.5	2399.0	2347.2	2261.4	2137.3	2033.8	*2007.0*	1849.6
32.5°	2531.1	2532.2	2527.4	2530.4	2491.1	2456.2	2396.0	2271.6	2174.8	*2165.6*	2059.5
35°	2586.1	2598.3	2594.6	2607.4	2583.9	2566.3	2534.0	2472.7	2318.6	*2282.3*	2120.8
37.5°	2640.1	2653.7	2664.7	2671.3	2649.3	2647.4	2641.6	2542.5	2258.4	*2209.2*	2025.0
40°	2657.0	2664.7	2710.6	2737.0	2703.2	2701.4	2689.3	2563.8	2375.9	*2342.1*	2154.2
42.5°	2639.4	2637.9	2692.6	2712.8	2731.1	2749.8	2773.3	2725.6	2574.0	*2553.8*	2348.7
45°	2527.8	2510.9	2540.3	2644.9	2708.3	2780.6	2880.1	2901.7	2802.7	*2773.3*	2562.7
47.5°	2385.0	2374.0	2410.7	2534.4	2647.1	2790.9	2965.6	3092.9	3032.8	*3005.2*	2809.6
50°	2160.4	2173.3	2249.6	2385.4	2547.2	2774.8	3034.6	3277.5	3294.8	*3274.6*	3058.5
52.5°	1866.9	1876.0	2039.0	2212.9	2409.6	2671.7	3064.7	3468.0	3567.5	*3556.1*	3312.8
55°	1552.3	1579.9	1696.9	1965.6	2201.9	2542.8	3043.8	3621.8	3855.5	*3836.1*	3579.9
57.5°	1284.8	1313.4	1394.2	1637.5	1956.4	2348.0	2966.0	3730.8	4112.8	*4114.6*	3829.5
60°	1044.1	1069.4	1128.8	1325.2	1668.3	2115.7	2810.4	3752.8	4320.5	*4337.8*	4010.4
62.5°	874.5	884.8	940.9	1081.1	1378.8	1837.9	2592.4	3653.3	4422.9	*4456.7*	4093.4
63°	*849.6*	*844.8*	*907.9*	*1042.2*	*1302.1*	*1776.2*	*2547.2*	*3615.2*	*4423.3*	*4458.1*	*4093.0*
65°	721.1	728.1	768.8	882.6	1096.2	1519.0	2288.2	3414.4	4336.3	*4386.6*	4000.9
67.5°	565.5	572.1	627.9	720.4	872.3	1231.6	1946.5	3059.9	4041.6	*4086.7*	3687.8
70°	448.5	451.4	487.0	571.0	708.6	959.7	1529.6	2564.5	3502.5	*3537.7*	3124.1
72.5°	363.7	373.2	396.7	447.7	536.9	729.2	1154.2	2022.5	2765.6	*2712.8*	2297.0
75°	305.0	307.9	331.4	356.7	402.9	525.2	832.7	1491.1	1885.6	*1881.5*	1496.9
77.5°	257.6	263.5	269.0	281.1	307.5	373.6	585.0	1035.6	1200.8	*1180.2*	863.1
80°	217.3	219.5	217.3	219.5	229.4	252.9	379.8	678.2	765.5	*712.0*	525.2
82.5°	151.6	162.6	164.0	171.4	175.1	185.0	254.0	441.8	487.4	*438.2*	309.4
85°	89.9	88.8	93.2	105.7	117.8	116.7	161.1	220.9	262.8	*244.4*	148.6
87.5°	31.9	30.1	30.1	37.1	40.0	43.3	52.8	69.0	65.3	*65.7*	37.1
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: P1460657
CATALOG NUMBER: PRV-PC1A-727-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2	1474.2
2.5°	1472.7	1466.5	1463.5	1458.4	1450.3	1445.9	1441.9	1436.4	1434.5	1429.8	1429.0
5°	1467.6	1461.3	1449.2	1436.0	1425.0	1416.6	1401.1	1392.0	1383.5	1382.1	1384.3
7.5°	1459.5	1451.8	1432.7	1413.6	1392.0	1377.7	1357.8	1345.0	1337.7	1336.2	1339.1
10°	1456.2	1442.3	1414.4	1387.2	1360.0	1337.7	1316.0	1299.9	1289.2	1287.8	1284.4
12.5°	1452.9	1435.3	1397.1	1363.0	1324.1	1298.0	1274.5	1261.3	1250.3	1248.8	1248.1
15°	1451.4	1429.0	1379.5	1333.6	1290.7	1259.5	1236.0	1225.4	1222.1	1219.9	1221.0
17.5°	1453.6	1424.6	1364.1	1303.9	1254.7	1223.2	1204.8	1197.8	1196.7	1197.5	1200.0
20°	1465.4	1427.9	1351.2	1278.9	1223.2	1190.9	1177.3	1173.6	1173.6	1177.7	1180.2
22.5°	1491.8	1445.6	1344.6	1258.8	1196.7	1166.6	1150.9	1146.5	1151.2	1158.6	1160.4
25°	1561.5	1496.6	1357.8	1247.4	1176.2	1140.2	1123.3	1122.6	1127.7	1134.4	1135.1
27.5°	1641.2	1560.4	1388.7	1245.5	1157.1	1113.1	1095.1	1092.9	1095.5	1102.1	1102.1
30°	1750.5	1645.6	1435.3	1258.8	1143.9	1083.3	1062.1	1055.1	1058.0	1066.5	1063.9
32.5°	1923.7	1781.3	1507.6	1281.9	1131.8	1053.6	1025.4	1019.5	1019.5	1026.1	1029.0
35°	2007.4	1881.9	1543.9	1273.1	1104.6	1019.1	985.4	976.9	987.9	1000.4	1002.2
37.5°	1922.3	1794.2	1492.9	1234.5	1066.1	978.4	946.1	939.1	948.7	960.8	962.2
40°	2024.3	1875.7	1532.2	1235.6	1041.9	940.2	902.4	880.0	881.5	891.0	888.8
42.5°	2195.7	2015.1	1590.1	1240.8	1012.5	898.7	842.6	803.7	798.2	799.7	801.9
45°	2392.0	2172.2	1658.8	1241.9	975.1	847.7	769.2	721.1	707.5	699.5	697.3
47.5°	2601.9	2340.3	1733.6	1239.3	927.0	782.0	694.7	646.6	620.6	608.5	609.6
50°	2829.5	2514.2	1800.4	1227.2	875.6	712.3	624.2	577.3	547.9	540.9	537.6
52.5°	3044.9	2684.9	1864.7	1209.6	818.0	641.1	557.8	517.4	492.9	486.3	484.8
55°	3272.8	2854.4	1918.6	1179.1	753.1	574.0	499.5	472.3	455.1	450.7	451.4
57.5°	3468.0	3003.8	1947.6	1134.7	690.7	514.5	456.9	438.9	428.3	430.5	431.9
60°	3613.3	3079.0	1941.7	1070.9	627.2	466.1	422.0	412.5	412.5	430.5	436.0
62.5°	3635.7	3064.0	1882.6	979.1	558.2	425.3	391.9	382.8	391.9	414.0	418.4
63°	*3622.5*	*3039.0*	*1867.2*	*949.4*	*547.5*	*416.5*	*385.3*	*376.5*	*389.0*	*406.6*	*406.6*
65°	3492.2	2906.2	1730.3	850.3	491.4	387.5	362.2	357.8	375.1	386.8	388.6
67.5°	3173.3	2634.2	1496.2	703.9	432.7	354.5	331.8	339.5	352.3	361.5	364.4
70°	2667.2	2182.1	1197.1	566.3	377.3	320.0	307.2	311.9	323.7	331.8	334.7
72.5°	1941.0	1644.5	898.0	452.1	328.5	286.6	279.6	279.3	287.0	289.9	294.3
75°	1258.4	1100.6	655.8	364.8	280.4	252.5	244.8	242.6	257.3	263.1	269.0
77.5°	750.1	681.9	468.3	299.8	238.9	207.3	211.8	211.8	226.8	245.1	253.6
80°	453.6	416.9	347.2	248.8	187.9	169.5	174.0	176.5	213.2	248.4	251.8
82.5°	273.4	268.6	257.6	192.7	145.7	129.5	138.4	155.2	200.7	153.8	177.3
85°	134.7	145.0	165.5	107.5	90.6	88.4	92.8	137.3	132.8	61.3	57.6
87.5°	34.5	41.1	38.9	28.6	24.6	22.8	30.8	51.4	42.2	14.7	8.8
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

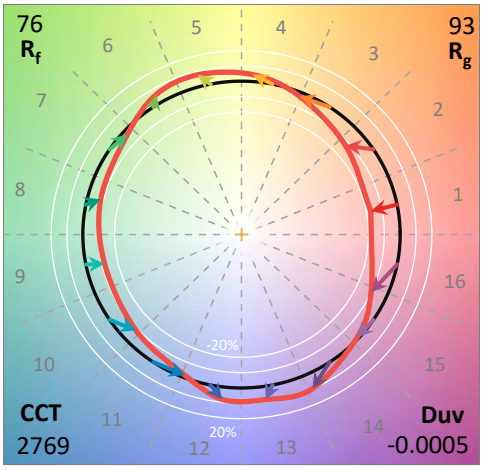
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

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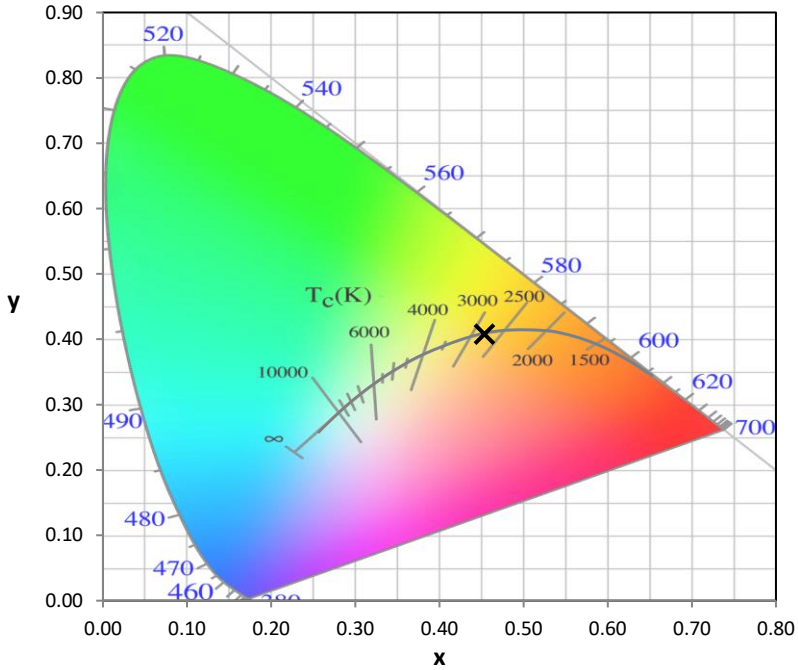
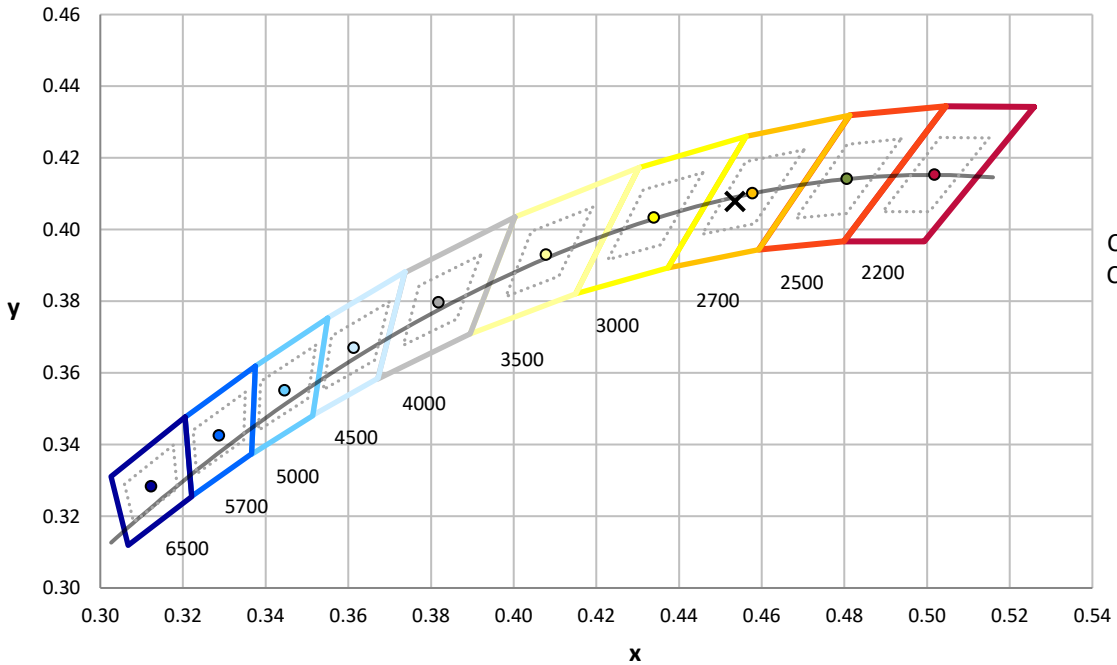
CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

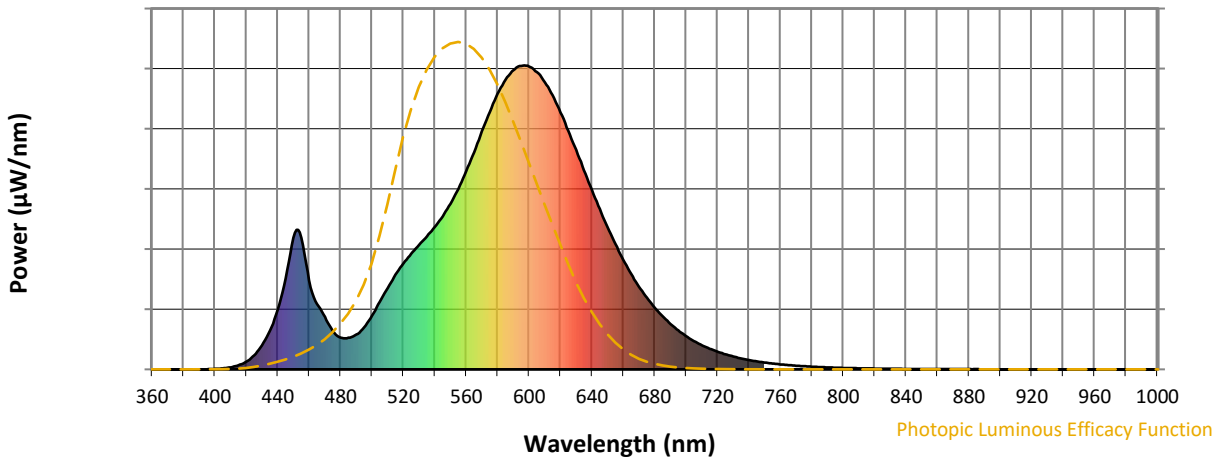


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

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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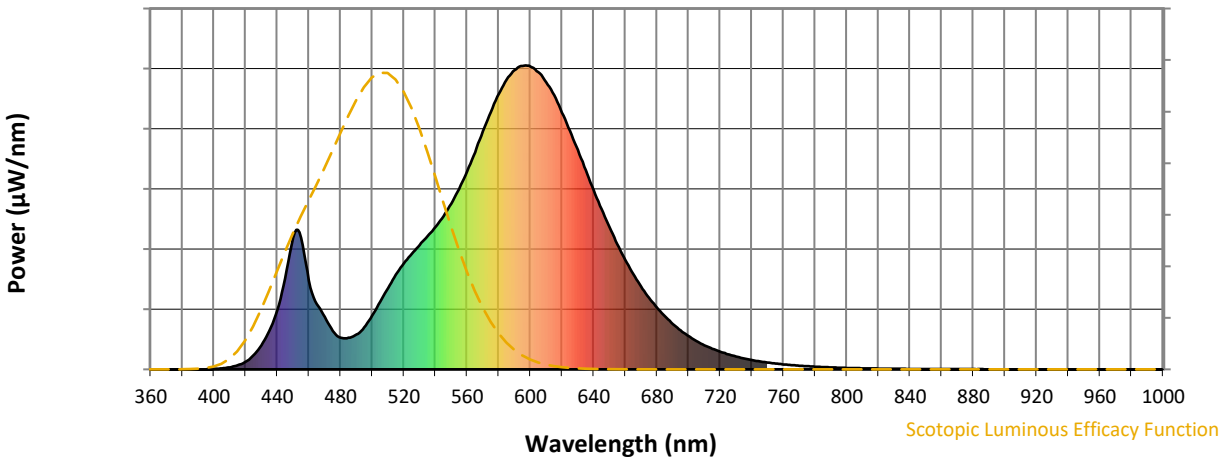
Scotopic Flux vs. Wavelength



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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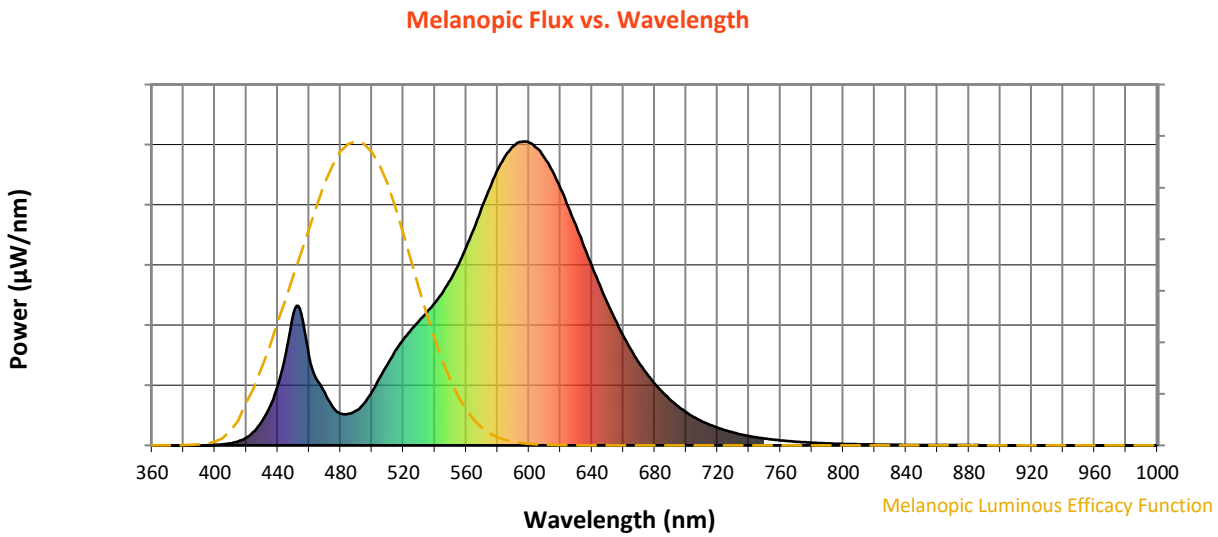

Melanopic Lumens: NR **M/P: 2.08**

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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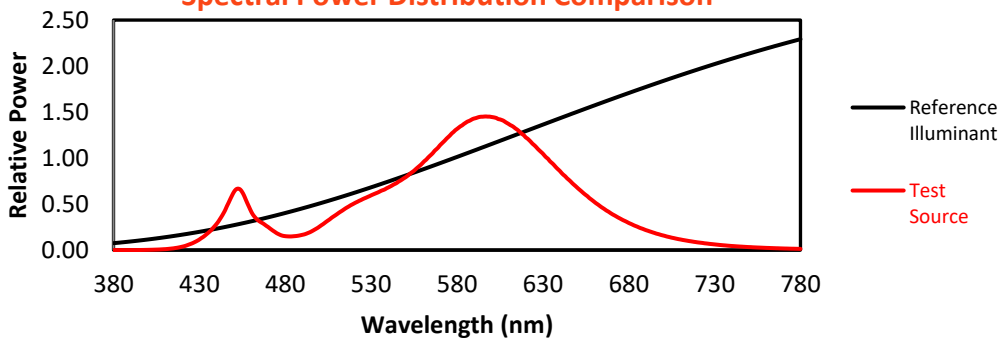
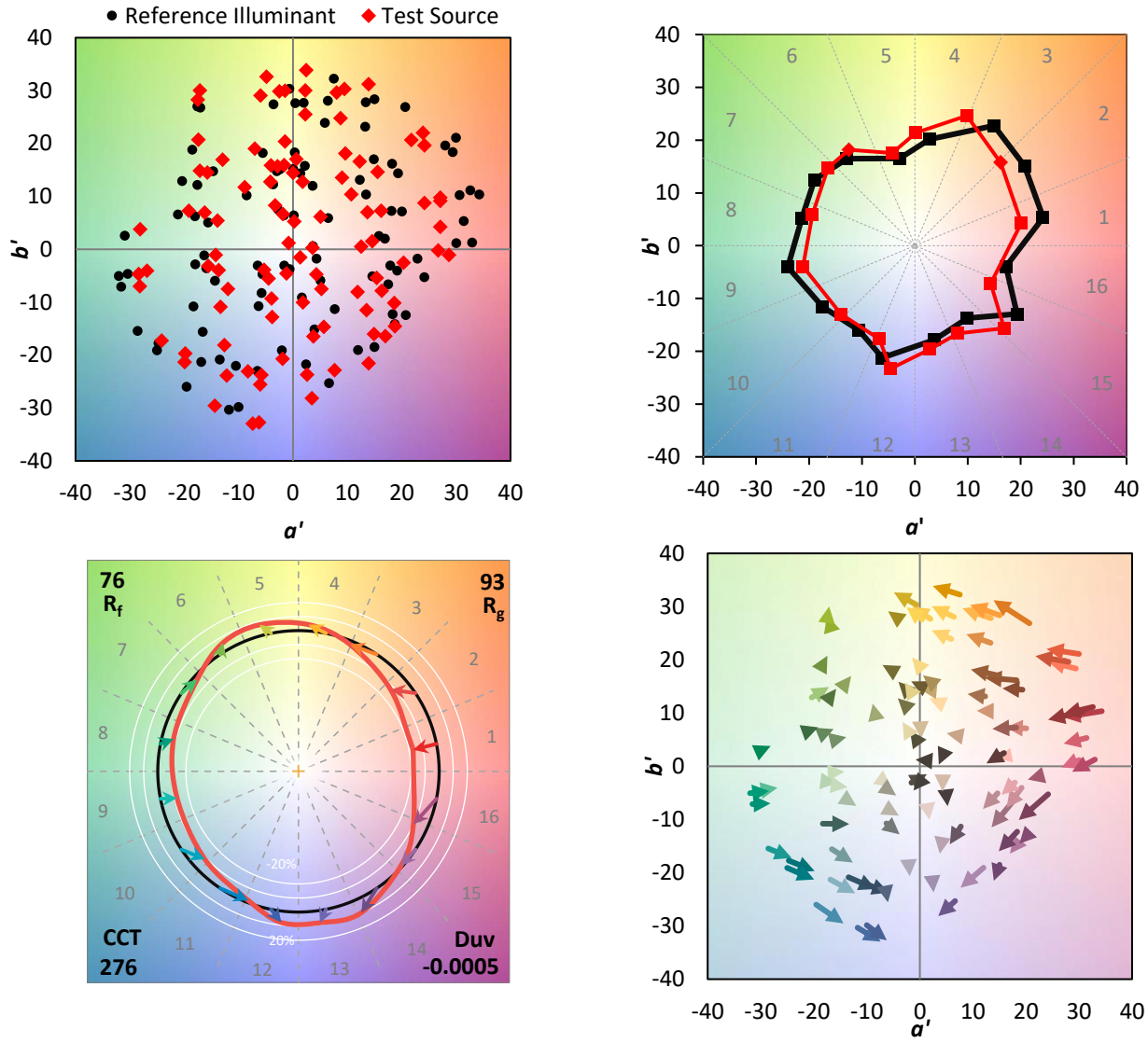
Summary

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

Spectral Power Distribution Comparison

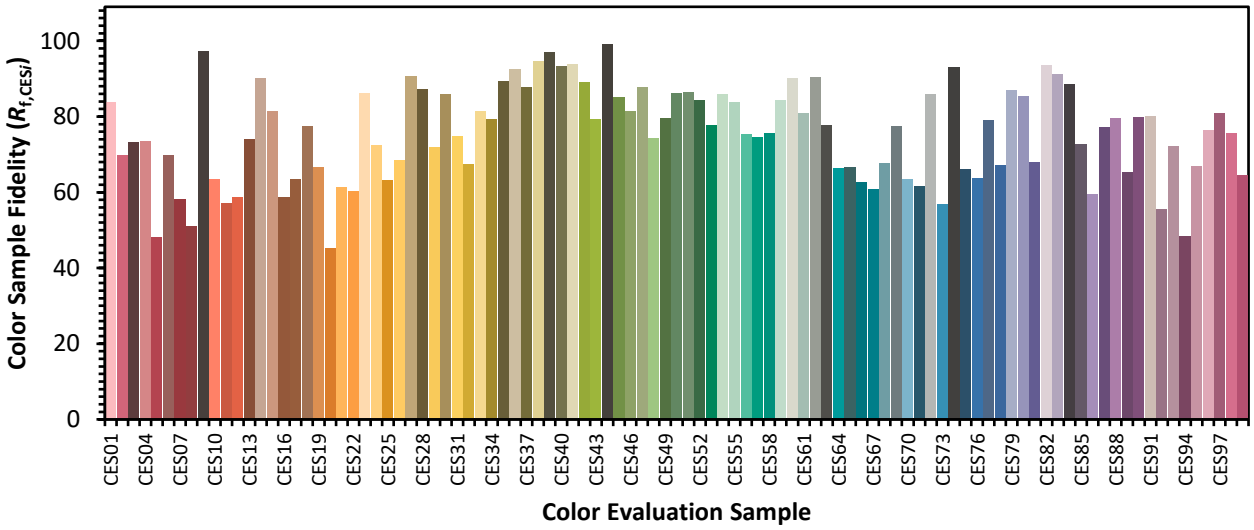


Color Vector Graphics

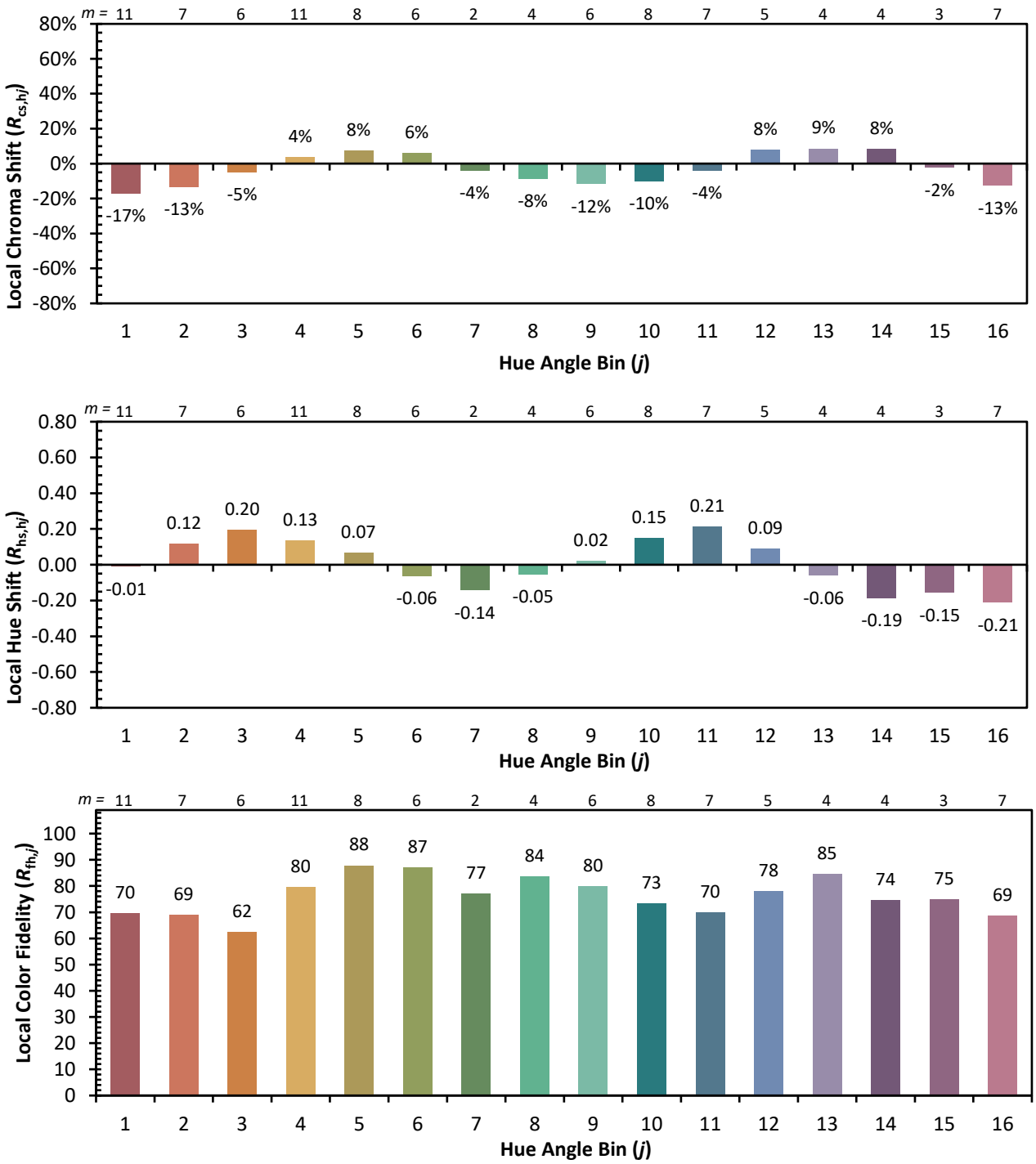


Individual Sample Fidelity Index ($R_{f,i}$)

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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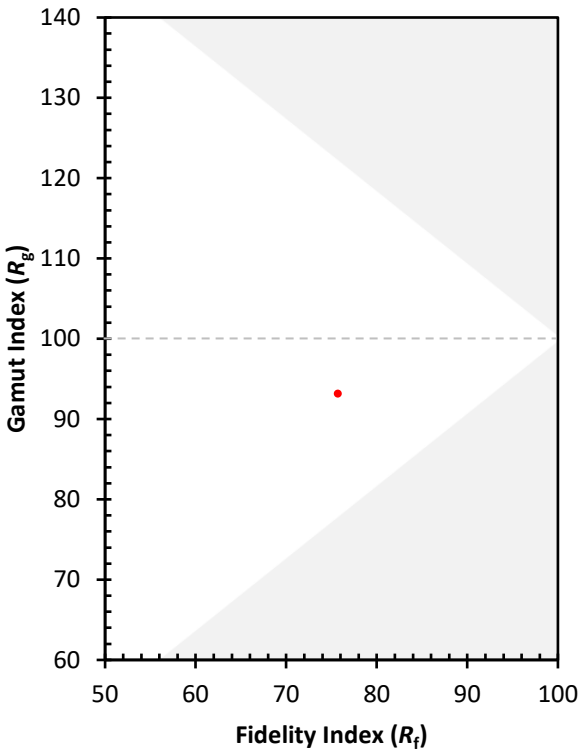
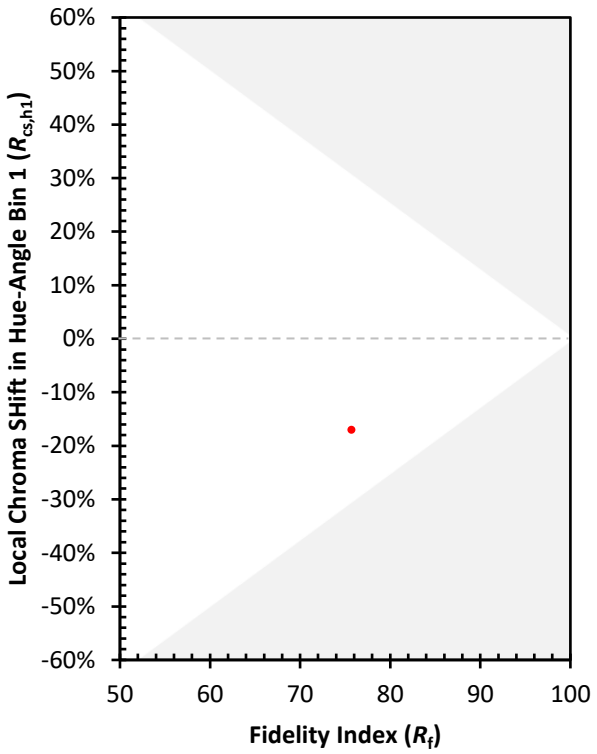
Measure Comparisons





(END OF REPORT)