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: P1503395

Luminaire Tested: PRV-P-PB2D-727-U-T4RE

Issue Date: 07/22/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1503395
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	7/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2D-727-U-T4RE
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 695MA 70CRI 2700K FIXTURE w/ TYPE IV ROADWAY ILLUMIANCE DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11500.2 lumens
Efficiency:	N/A
Efficacy:	121.7 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type IV - Medium
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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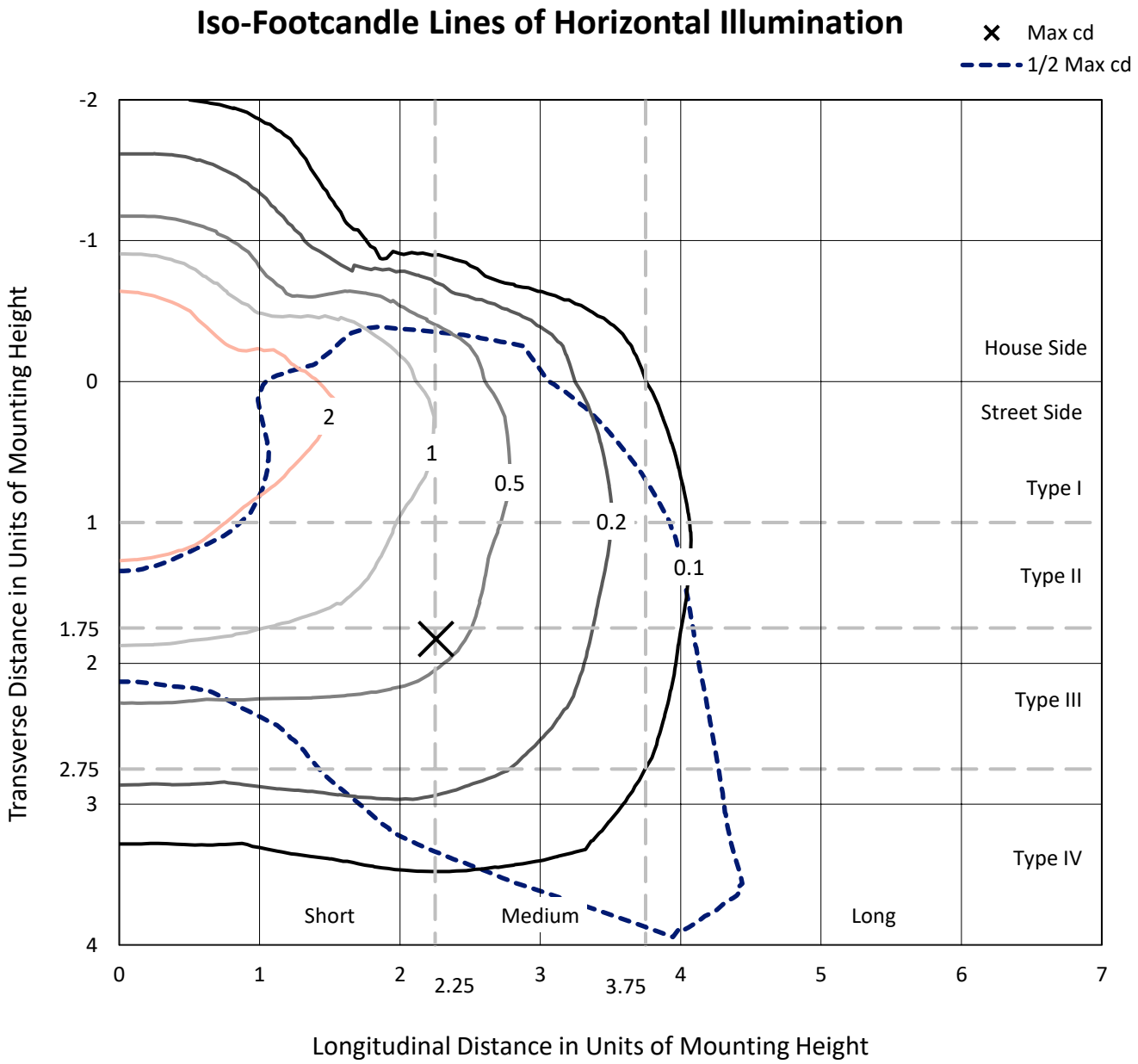
Scaled Data Report

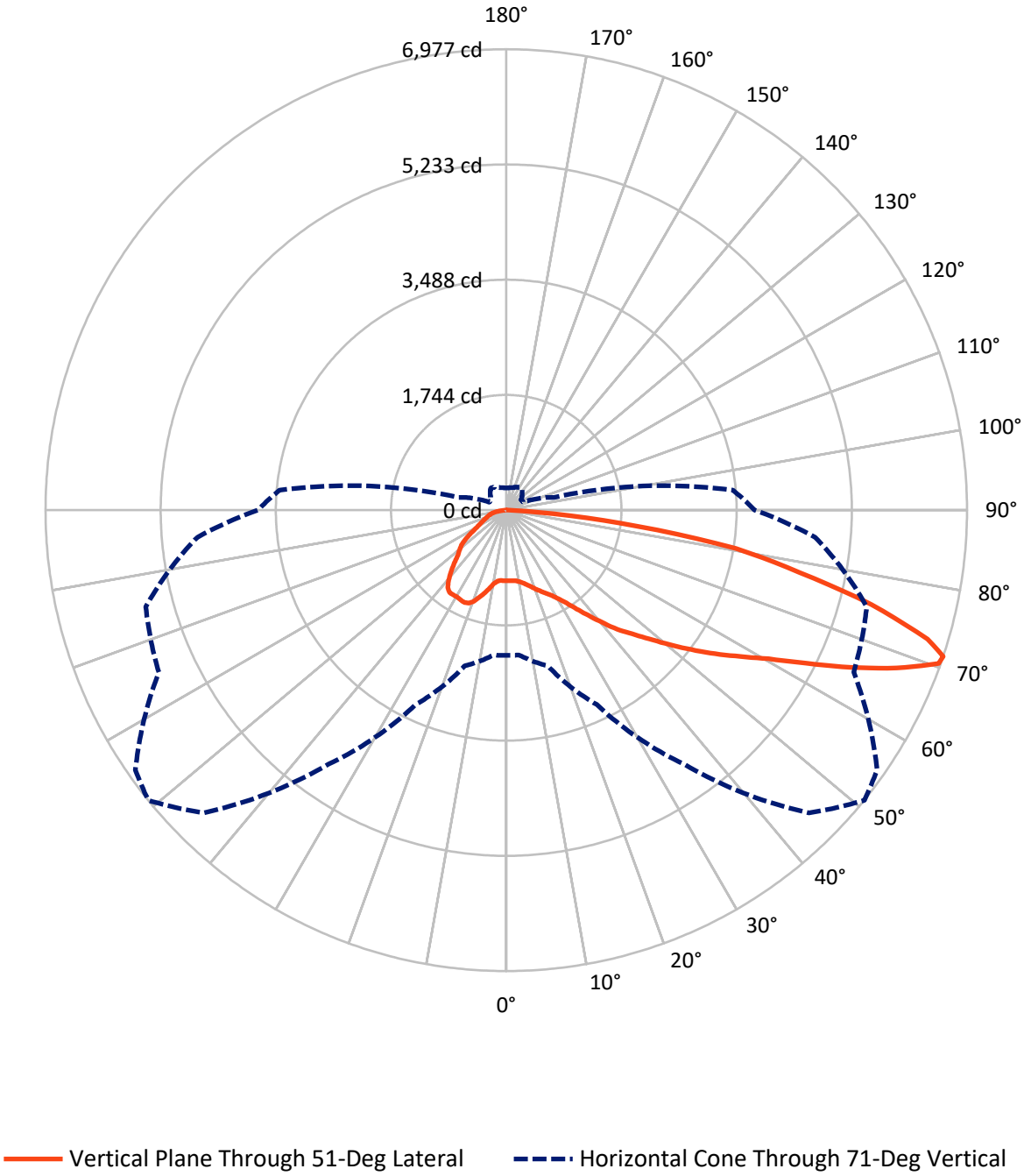
REPORT NUMBER: P1503395
CATALOG NUMBER: PRV-P-PB2D-727-U-T4RE



Based on 20 foot mounting height. Maximum calculated value = 3.1 fc
Type IV - Medium - N/A

REPORT NUMBER: P1503395
CATALOG NUMBER: PRV-P-PB2D-727-U-T4RE

Luminous Intensity Polar Plot



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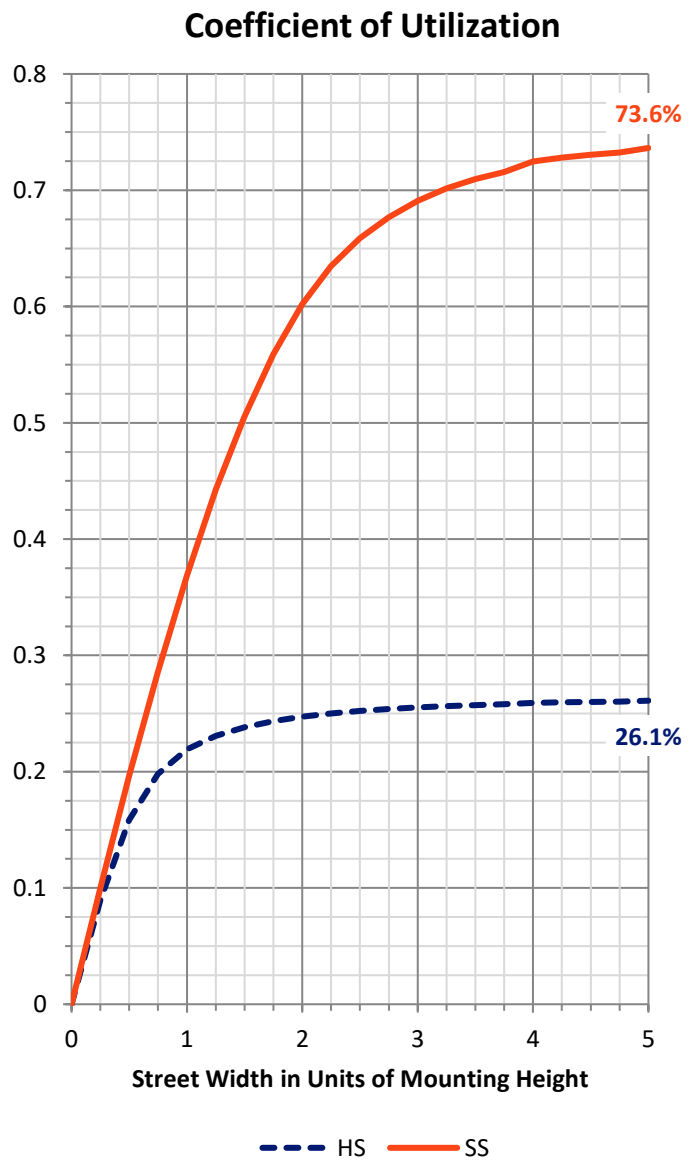
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3019.7	0.0	3019.7
	% Fixture	26.3	0.0	26.3
Street Side	Lumens	8480.5	0.0	8480.5
	% Fixture	73.7	0.0	73.7
Total	Lumens	11500.2	0.0	11500.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.1	0.9
10°-20°	355.2	3.1
20°-30°	675.3	5.9
30°-40°	1076.6	9.4
40°-50°	1677.0	14.6
50°-60°	2351.2	20.4
60°-70°	2979.8	25.9
70°-80°	2028.0	17.6
80°-90°	252.9	2.2
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°	11500.2	100.0
0°-180°	11500.2	100.0



REPORT NUMBER: P1503395
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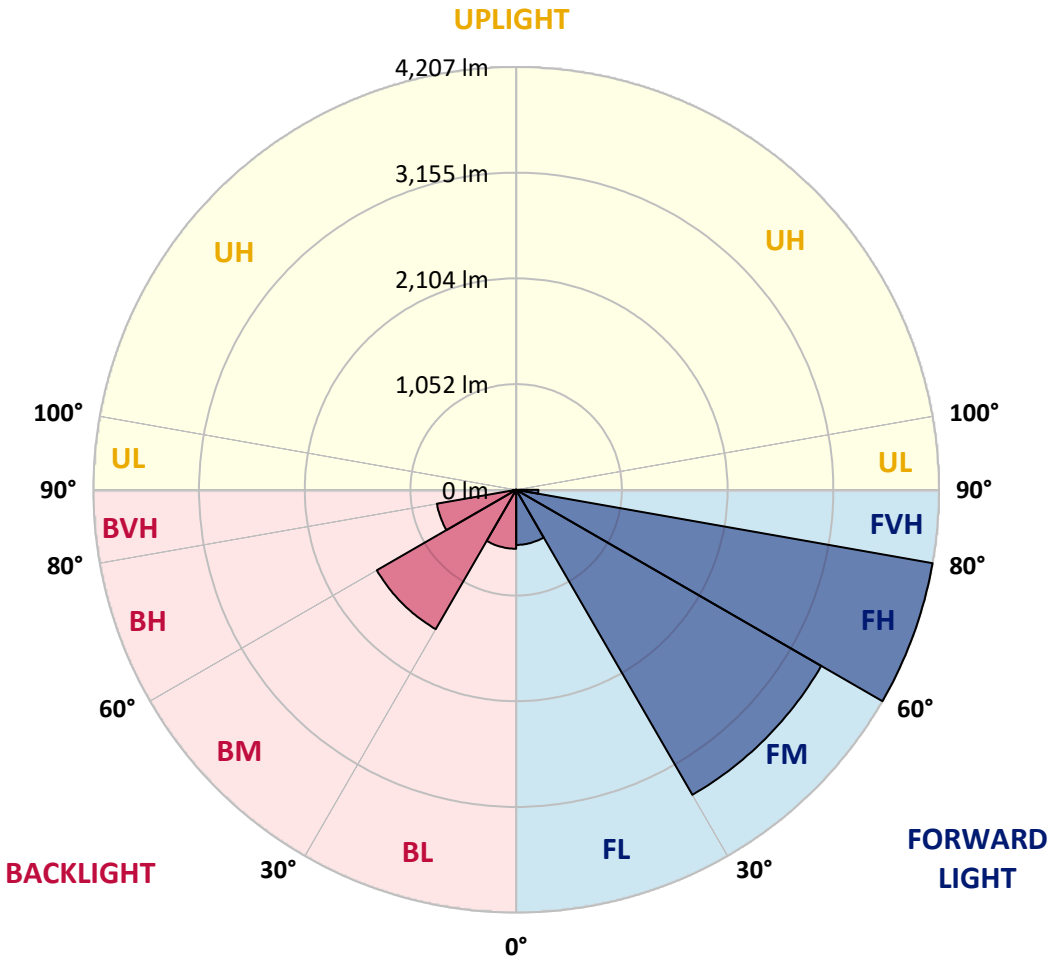
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	548.0	4.8			
FM	(30°-60°)	3504.4	30.5			
FH	(60°-80°)	4207.3	36.6			G2/5000
FVH	(80°-90°)	220.9	1.9			G2/225
BL	(0°-30°)	586.7	5.1	B2/1000		
BM	(30°-60°)	1600.5	13.9	B2/2500		
BH	(60°-80°)	800.5	7.0	B2/1000		G2/1000
BVH	(80°-90°)	32.1	0.3			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 Medium



REPORT NUMBER: P1503395
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	51°	55°	65°	75°	85°
0°	1070.7	1070.7	1070.7	1070.7	1070.7	1070.7	*1070.7*	1070.7	1070.7	1070.7	1070.7
2.5°	1070.7	1068.3	1070.7	1075.6	1075.6	1070.7	*1070.7*	1070.7	1068.3	1070.7	1073.2
5°	1078.1	1078.1	1078.1	1083.0	1080.6	1073.2	*1073.2*	1073.2	1070.7	1070.7	1073.2
7.5°	1107.6	1105.1	1105.1	1100.2	1092.8	1085.5	*1080.6*	1080.6	1075.6	1075.6	1078.1
10°	1156.7	1151.8	1144.4	1137.0	1124.8	1110.0	*1100.2*	1095.3	1087.9	1085.5	1090.4
12.5°	1200.9	1200.9	1191.1	1181.2	1166.5	1146.9	*1129.7*	1124.8	1110.0	1105.1	1114.9
15°	1237.7	1237.7	1232.8	1223.0	1210.7	1191.1	*1171.4*	1164.1	1146.9	1137.0	1151.8
17.5°	1259.8	1259.8	1257.4	1257.4	1252.5	1232.8	*1218.1*	1210.7	1188.6	1178.8	1200.9
20°	1286.8	1289.3	1289.3	1291.8	1291.8	1281.9	*1274.6*	1267.2	1245.1	1237.7	1259.8
22.5°	1328.6	1328.6	1328.6	1336.0	1333.5	1333.5	*1331.0*	1323.7	1308.9	1296.7	1323.7
25°	1380.2	1380.2	1377.7	1390.0	1392.4	1394.9	*1394.9*	1392.4	1385.1	1365.4	1402.3
27.5°	1466.1	1468.6	1461.2	1458.7	1458.7	1468.6	*1461.2*	1471.0	1466.1	1458.7	1507.9
30°	1584.0	1574.2	1566.8	1554.5	1549.6	1557.0	*1554.5*	1557.0	1557.0	1557.0	1645.4
32.5°	1721.5	1714.2	1706.8	1684.7	1669.9	1669.9	*1674.9*	1677.3	1677.3	1692.1	1800.1
35°	1900.8	1893.4	1891.0	1864.0	1832.0	1827.1	*1836.9*	1841.9	1861.5	1908.2	2018.7
37.5°	2092.3	2092.3	2087.4	2067.8	2023.6	2008.8	*2021.1*	2040.8	2087.4	2210.2	2318.3
40°	2342.8	2330.6	2315.8	2288.8	2222.5	2215.1	*2232.3*	2256.9	2342.8	2578.6	2760.3
42.5°	2595.8	2590.9	2586.0	2571.2	2460.7	2438.6	*2465.6*	2490.2	2640.0	2974.0	3158.2
45°	2816.8	2834.0	2807.0	2787.3	2667.0	2635.1	*2671.9*	2718.6	2949.4	3298.1	3548.6
47.5°	3086.9	3074.7	3040.3	3013.3	2902.8	2865.9	*2907.7*	2978.9	3236.8	3592.8	3877.7
50°	3285.9	3285.9	3263.8	3266.2	3153.3	3143.4	*3195.0*	3281.0	3502.0	3904.7	4204.3
52.5°	3418.5	3413.6	3438.1	3475.0	3413.6	3433.2	*3504.4*	3580.6	3781.9	4165.0	4459.7
55°	3560.9	3563.4	3597.8	3666.5	3681.3	3727.9	*3838.4*	3907.2	4061.9	4447.5	4717.6
57.5°	3698.4	3705.8	3791.8	3877.7	3929.3	4054.5	*4177.3*	4241.2	4341.9	4742.2	5014.8
60°	3828.6	3836.0	3931.7	4147.9	4280.5	4479.4	*4562.9*	4609.5	4646.4	5117.9	5515.7
62.5°	3838.4	3840.9	4003.0	4366.4	4670.9	5004.9	*5098.3*	5103.2	5088.4	5729.4	6075.7
65°	3452.9	3462.7	3740.2	4359.1	5046.7	5643.4	*5736.8*	5685.2	5601.7	6235.3	6137.1
67.5°	2748.0	2821.7	3086.9	3948.9	5140.0	6240.2	*6377.7*	6326.2	5970.1	6235.3	5788.3
70°	2323.2	2352.7	2578.6	3379.2	4869.9	6522.6	*6947.5*	6841.9	5957.8	5918.5	5066.3
71°	*2197.9*	*2200.4*	*2441.1*	*3246.6*	*4695.5*	*6480.9*	*6976.9*	*6856.6*	*5805.5*	*5650.8*	*4693.0*
72.5°	1809.9	1822.2	2126.7	3064.8	4577.6	6220.6	*6670.0*	6579.1	5449.4	5159.6	4047.2
75°	920.9	945.5	1291.8	2347.8	4167.5	5454.3	*5712.2*	5746.6	4742.2	4152.8	2978.9
77.5°	329.1	341.4	508.4	1262.3	2922.4	4661.1	*4543.2*	4452.4	3506.9	2804.5	1726.4
80°	174.4	174.4	196.5	373.3	1458.7	3381.6	*3529.0*	3042.7	2021.1	1348.2	746.6
82.5°	122.8	127.7	135.1	157.2	493.6	1905.7	*2003.9*	1809.9	854.6	456.8	171.9
85°	61.4	61.4	68.8	76.1	100.7	559.9	*714.6*	596.8	228.4	113.0	63.9
87.5°	2.5	2.5	2.5	4.9	9.8	19.6	*24.6*	17.2	12.3	7.4	4.9
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: P1503395
CATALOG NUMBER: PRV-P-PB2D-727-U-T4RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1070.7	1070.7	1070.7	1070.7	1070.7	1070.7	1070.7	1070.7	1070.7	1070.7	1070.7
2.5°	1070.7	1070.7	1070.7	1070.7	1070.7	1068.3	1068.3	1065.8	1068.3	1073.2	1070.7
5°	1070.7	1073.2	1070.7	1070.7	1068.3	1063.4	1060.9	1065.8	1070.7	1070.7	1073.2
7.5°	1078.1	1080.6	1078.1	1075.6	1080.6	1083.0	1087.9	1100.2	1107.6	1117.4	1117.4
10°	1092.8	1095.3	1097.7	1102.7	1117.4	1139.5	1161.6	1178.8	1193.5	1203.3	1196.0
12.5°	1117.4	1127.2	1139.5	1159.1	1196.0	1223.0	1240.2	1267.2	1289.3	1286.8	1299.1
15°	1164.1	1173.9	1200.9	1240.2	1279.5	1306.5	1336.0	1367.9	1382.6	1392.4	1392.4
17.5°	1218.1	1235.3	1284.4	1331.0	1363.0	1394.9	1421.9	1439.1	1444.0	1446.5	1448.9
20°	1279.5	1308.9	1380.2	1421.9	1456.3	1475.9	1473.5	1471.0	1461.2	1458.7	1466.1
22.5°	1360.5	1404.7	1475.9	1510.3	1522.6	1512.8	1488.2	1468.6	1453.8	1451.4	1453.8
25°	1456.3	1515.2	1579.1	1576.6	1549.6	1510.3	1483.3	1471.0	1458.7	1458.7	1463.7
27.5°	1569.3	1628.2	1669.9	1608.6	1539.8	1500.5	1493.1	1493.1	1473.5	1466.1	1471.0
30°	1701.9	1751.0	1736.3	1596.3	1510.3	1510.3	1507.9	1488.2	1448.9	1429.3	1431.7
32.5°	1854.1	1876.2	1770.6	1554.5	1507.9	1520.1	1483.3	1421.9	1365.4	1343.3	1348.2
35°	2040.8	2026.0	1778.0	1530.0	1530.0	1490.7	1394.9	1321.2	1267.2	1237.7	1232.8
37.5°	2293.7	2190.6	1770.6	1547.2	1525.1	1387.5	1272.1	1208.3	1151.8	1112.5	1114.9
40°	2657.2	2394.4	1782.9	1579.1	1441.6	1262.3	1159.1	1105.1	1070.7	1031.4	1033.9
42.5°	3032.9	2652.3	1876.2	1584.0	1311.4	1144.4	1075.6	1056.0	1019.2	979.9	972.5
45°	3342.4	2885.6	2116.9	1512.8	1166.5	1046.2	1033.9	1011.8	960.2	901.3	896.4
47.5°	3617.4	3059.9	2421.4	1363.0	1004.4	997.1	989.7	947.9	881.6	812.9	808.0
50°	3831.1	3199.9	2652.3	1198.4	911.1	955.3	920.9	852.2	766.2	699.9	692.5
52.5°	4005.4	3325.2	2782.4	1026.5	849.7	879.2	810.4	739.2	687.6	638.5	633.6
55°	4170.0	3497.1	2865.9	898.8	758.8	753.9	692.5	665.5	638.5	594.3	584.5
57.5°	4391.0	3759.8	3028.0	864.4	643.4	616.4	618.9	616.4	601.7	567.3	559.9
60°	4815.8	4233.8	3195.0	800.6	523.1	518.2	579.6	586.9	564.8	525.5	518.2
62.5°	5169.5	4631.7	2912.6	589.4	442.0	466.6	540.3	552.6	513.3	488.7	481.3
65°	5115.4	4688.1	2180.8	407.7	383.1	427.3	503.4	503.4	466.6	454.3	444.5
67.5°	4717.6	4334.5	1520.1	336.4	331.5	390.5	466.6	454.3	419.9	410.1	405.2
70°	4081.6	3703.4	989.7	299.6	289.8	358.5	422.4	402.8	370.8	358.5	358.5
71°	*3759.8*	*3448.0*	*749.0*	*284.9*	*275.1*	*343.8*	*407.7*	*385.6*	*351.2*	*338.9*	*336.4*
72.5°	3273.6	2890.5	510.8	265.2	260.3	324.2	380.7	361.0	324.2	304.5	297.2
75°	2379.7	1986.7	252.9	225.9	233.3	294.7	324.2	314.3	302.1	260.3	255.4
77.5°	1382.6	1149.3	186.6	189.1	203.8	255.4	270.1	250.5	218.6	179.3	171.9
80°	594.3	466.6	149.8	154.7	169.5	201.4	201.4	176.8	125.2	83.5	81.0
82.5°	144.9	140.0	115.4	115.4	113.0	120.3	122.8	95.8	61.4	24.6	4.9
85°	51.6	54.0	49.1	46.7	51.6	46.7	39.3	17.2	9.8	4.9	0.0
87.5°	4.9	4.9	4.9	2.5	2.5	2.5	2.5	2.5	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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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

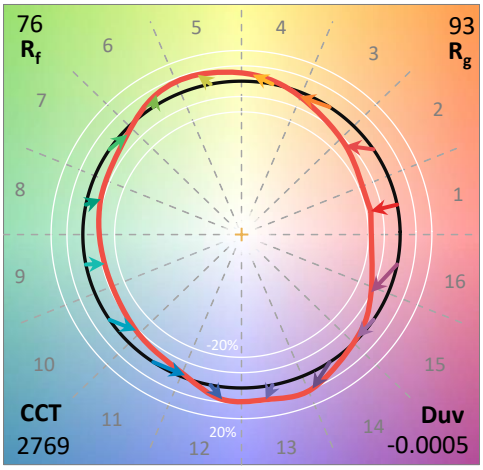
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



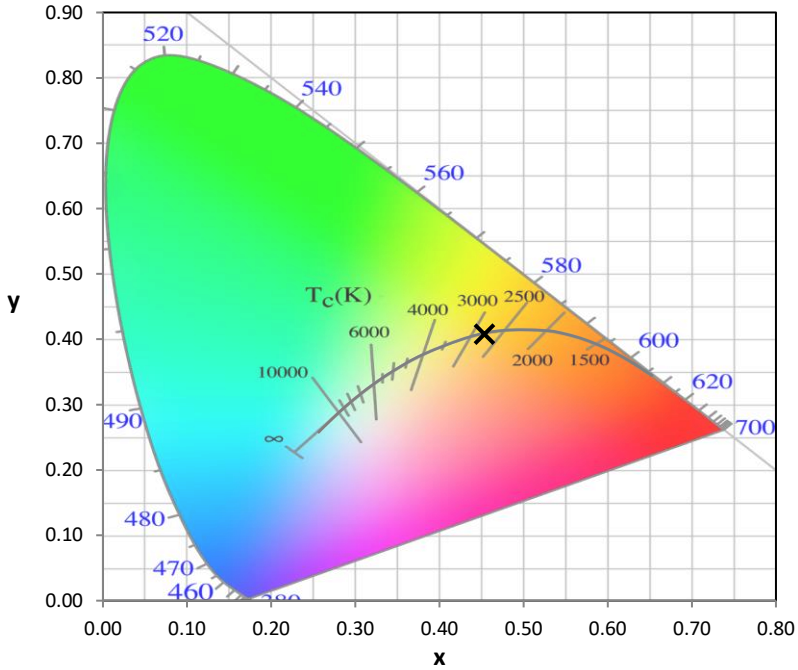
Test Conditions

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

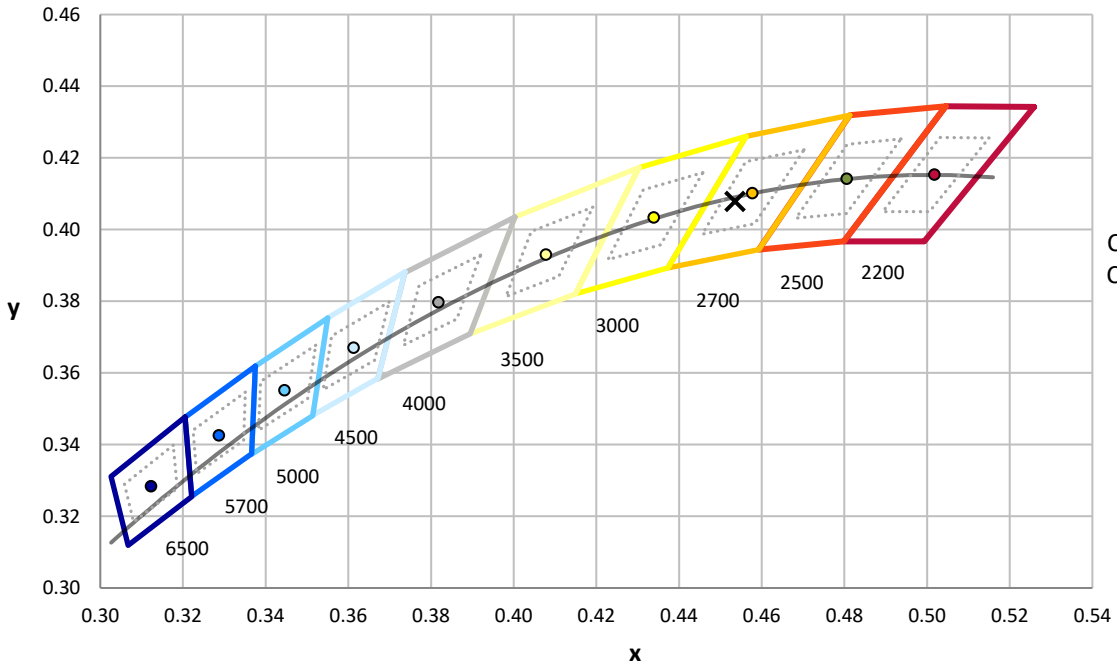
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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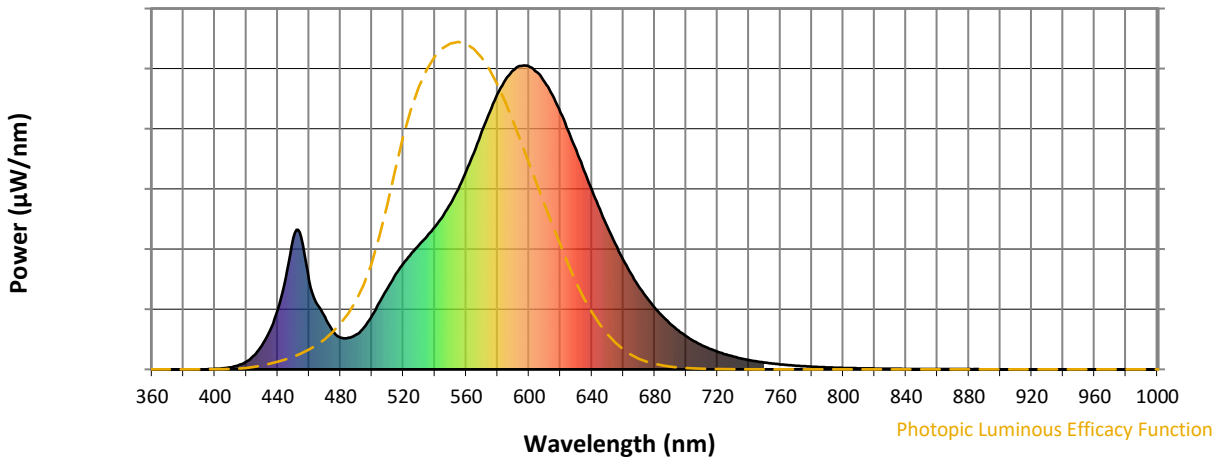
Photopic Flux vs. Wavelength



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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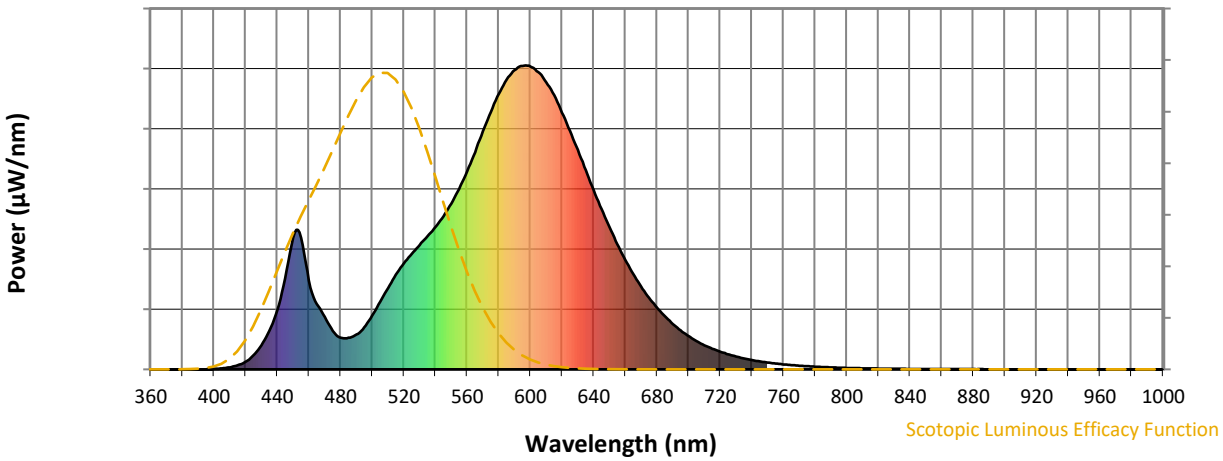
Scotopic Flux vs. Wavelength



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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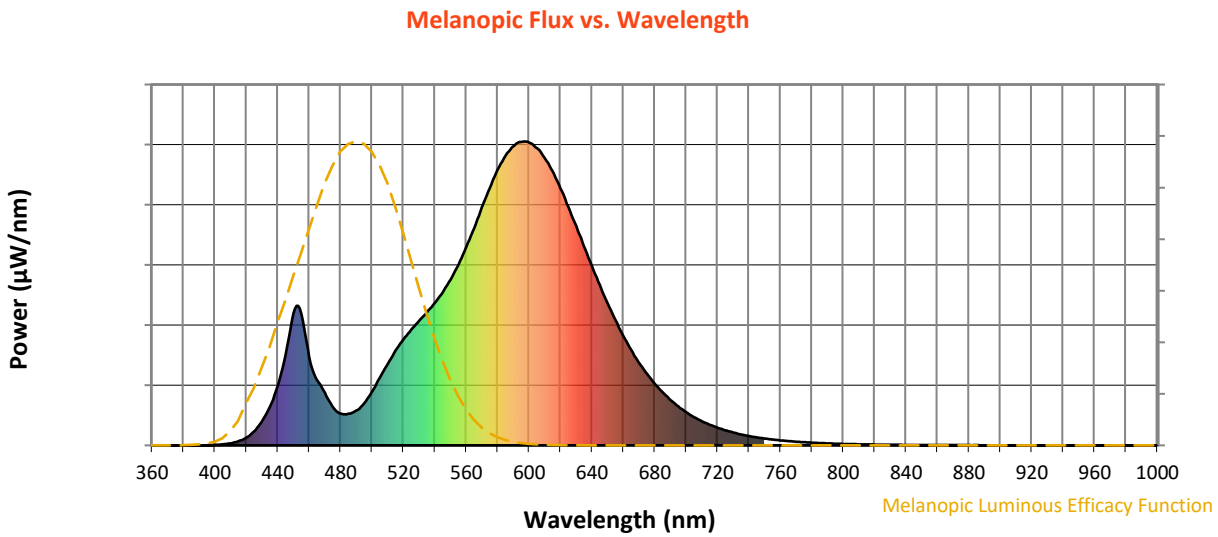

Melanopic Lumens: NR **M/P: 2.08**

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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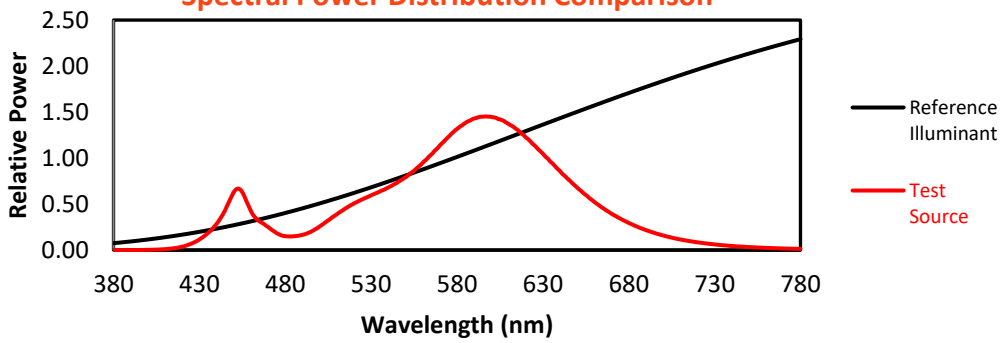
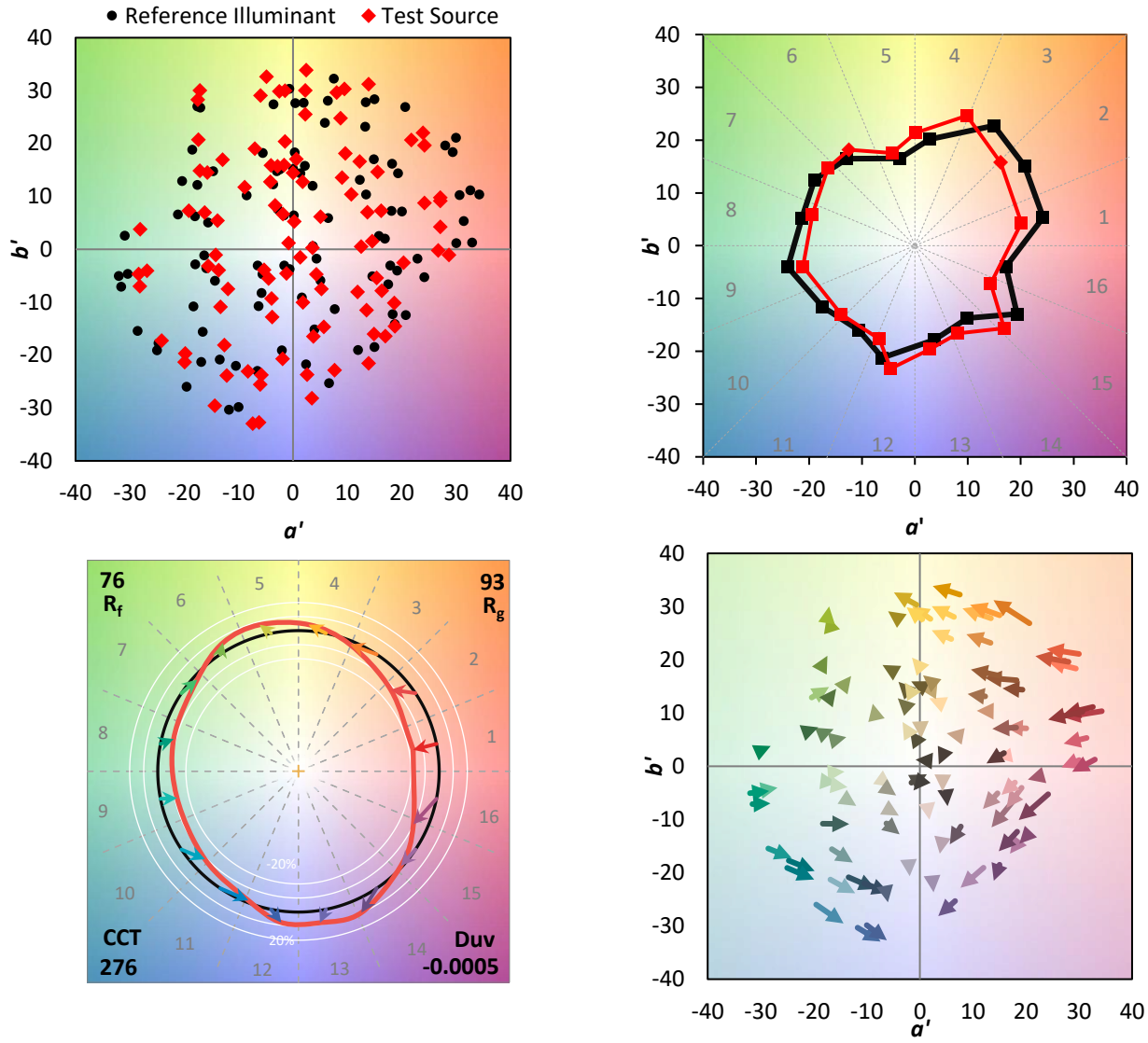
Summary

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

Spectral Power Distribution Comparison

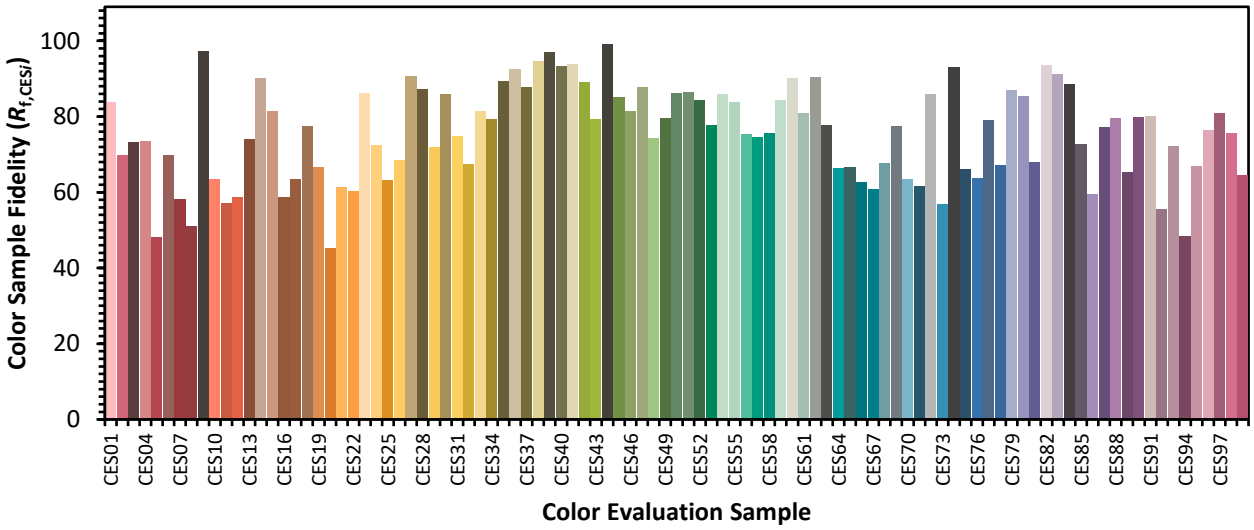


Color Vector Graphics

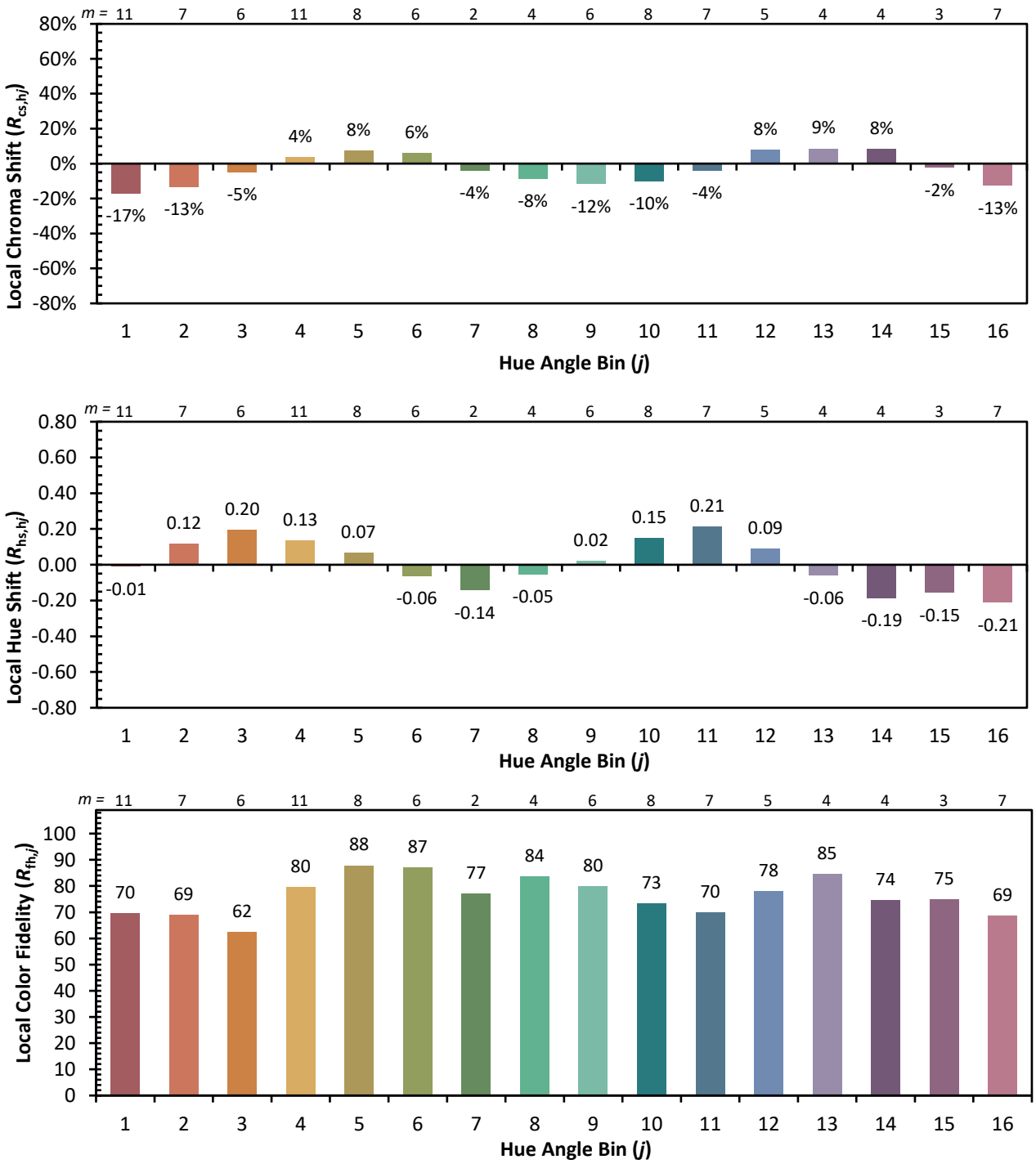


Individual Sample Fidelity Index ($R_{f,i}$)

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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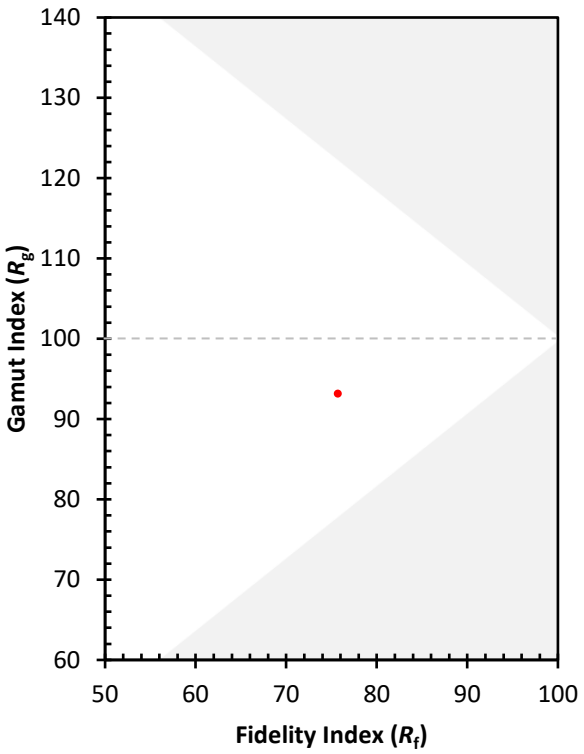
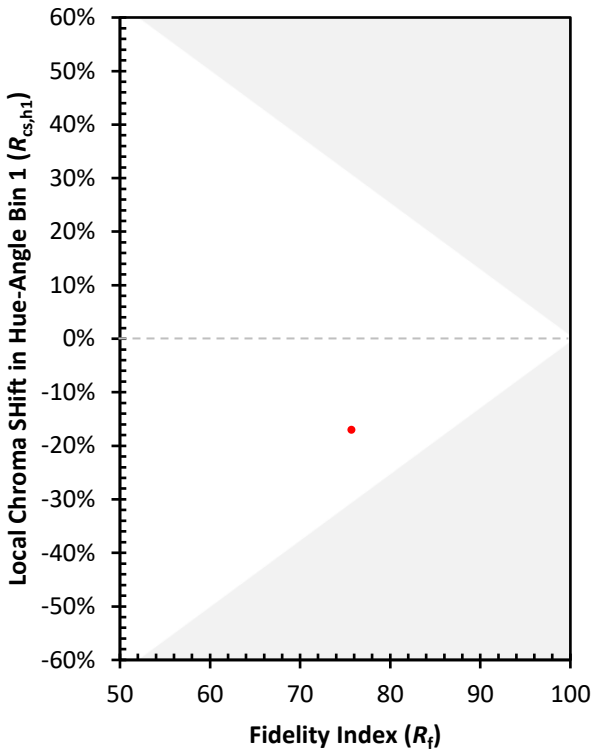
Measure Comparisons





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