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: P1461074

Luminaire Tested: PRV-PC1B-727-U-T4RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461074
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1B-727-U-T4RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 585MA 70CRI 2700K FIXTURE w/ TYPE IV ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10866.3 lumens
Efficiency:	N/A
Efficacy:	148.9 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2
Input Watts (W):	73
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.73%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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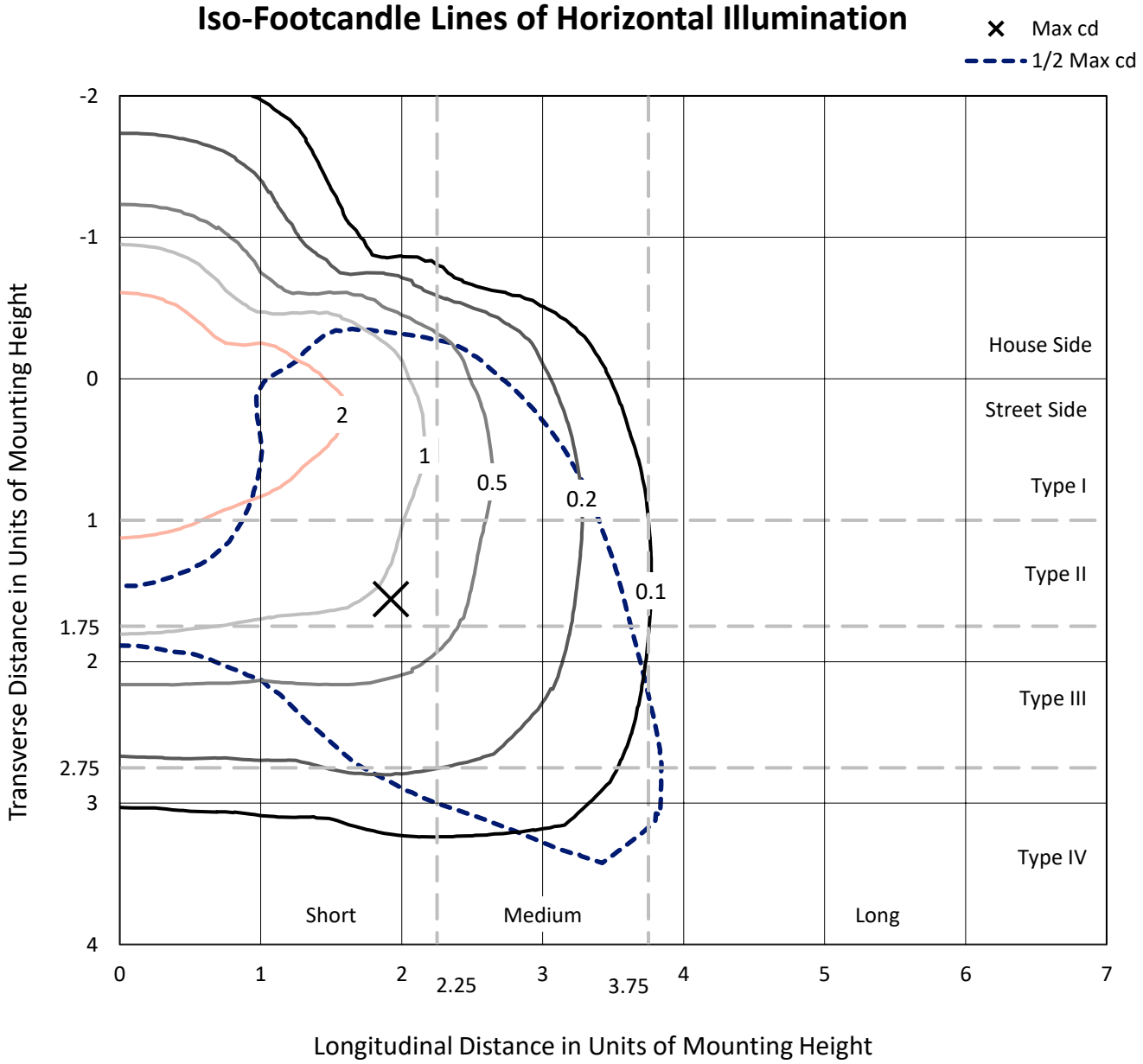
Scaled Data Report

REPORT NUMBER: P1461074
CATALOG NUMBER: PRV-PC1B-727-U-T4RE

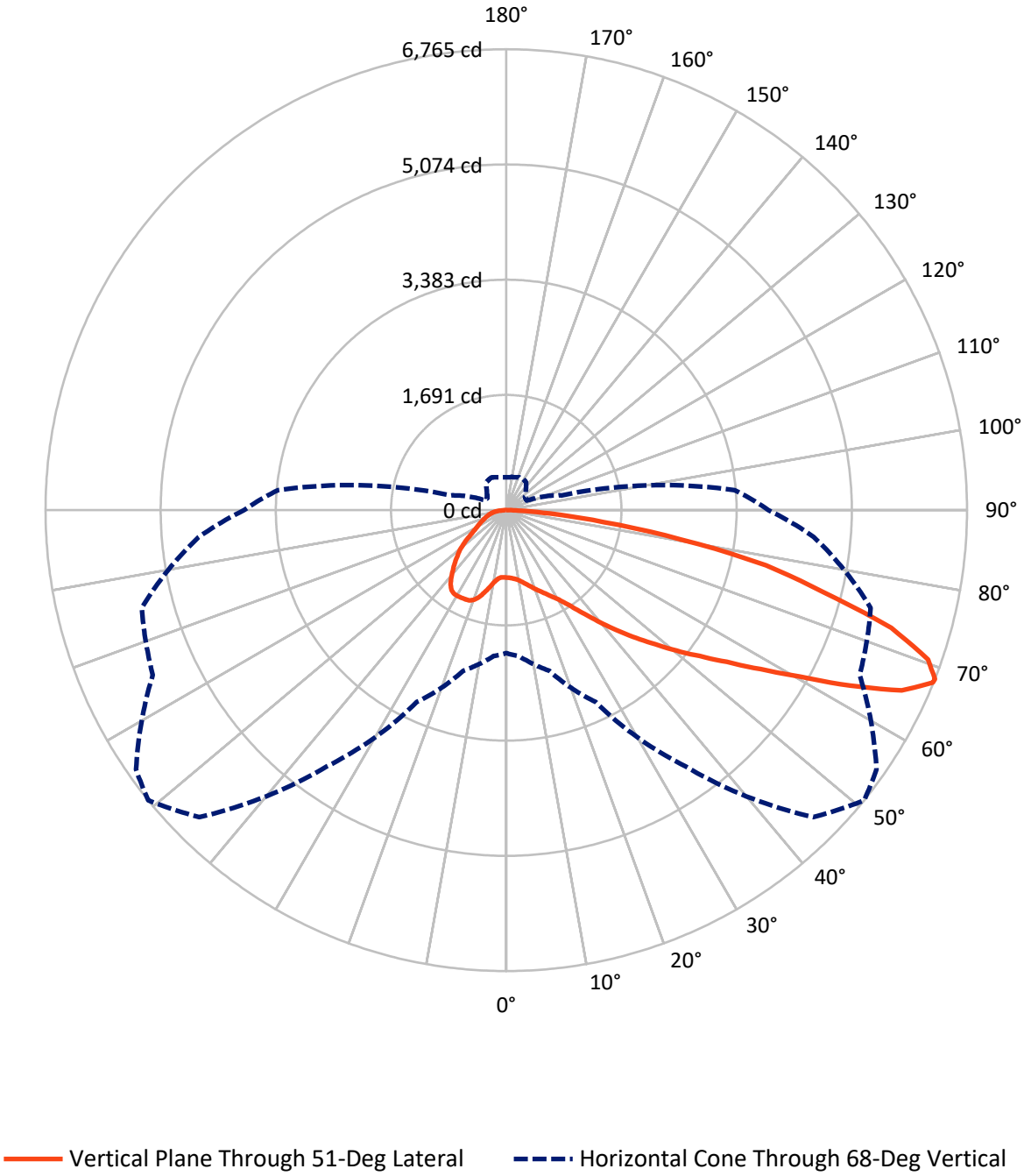
Iso-Footcandle Lines of Horizontal Illumination



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

REPORT NUMBER: P1461074
CATALOG NUMBER: PRV-PC1B-727-U-T4RE

Luminous Intensity Polar Plot



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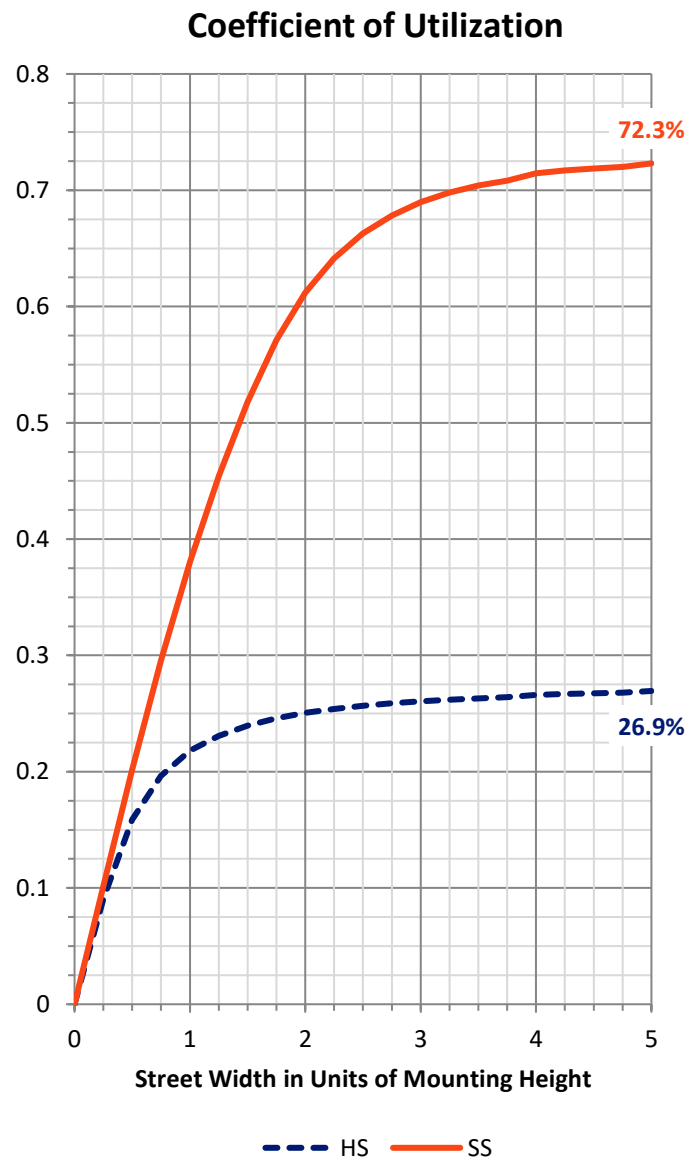
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2970.6	0.0	2970.6
	% Fixture	27.3	0.0	27.3
Street Side	Lumens	7895.7	0.0	7895.7
	% Fixture	72.7	0.0	72.7
Total	Lumens	10866.3	0.0	10866.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.9	0.9
10°-20°	341.5	3.1
20°-30°	657.8	6.1
30°-40°	1052.6	9.7
40°-50°	1645.7	15.1
50°-60°	2370.1	21.8
60°-70°	2837.8	26.1
70°-80°	1619.4	14.9
80°-90°	243.7	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°	10866.3	100.0
0°-180°	10866.3	100.0



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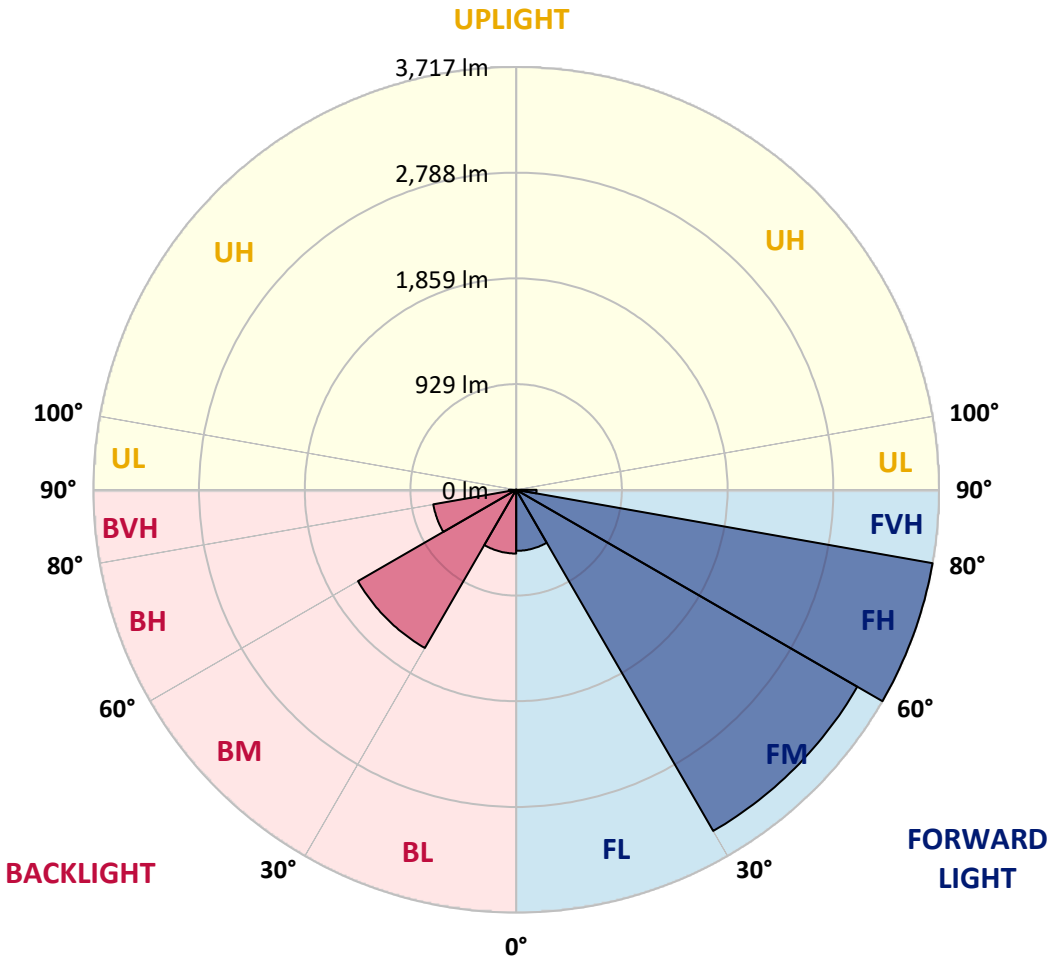
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	536.6	4.9			
FM	(30°-60°)	3462.8	31.9			
FH	(60°-80°)	3717.3	34.2			G2/5000
FVH	(80°-90°)	178.9	1.6			G2/225
BL	(0°-30°)	560.4	5.2	B2/1000		
BM	(30°-60°)	1605.6	14.8	B2/2500		
BH	(60°-80°)	739.8	6.8	B2/1000		G2/1000
BVH	(80°-90°)	64.8	0.6			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°	45°	51°	55°	65°	75°	85°
0°	989.6	989.6	989.6	989.6	989.6	989.6	*989.6*	989.6	989.6	989.6	989.6
2.5°	1000.2	999.7	997.7	1000.7	997.7	997.2	*994.6*	996.1	992.1	992.6	992.6
5°	1017.9	1016.9	1016.4	1014.9	1011.3	1010.8	*1005.8*	1008.3	1004.8	1002.2	999.2
7.5°	1048.3	1046.3	1042.7	1039.2	1033.1	1026.5	*1022.5*	1025.0	1020.4	1017.4	1013.4
10°	1095.4	1093.3	1087.3	1080.7	1070.6	1057.9	*1049.3*	1047.8	1042.7	1038.2	1033.6
12.5°	1148.5	1146.5	1142.4	1134.8	1117.6	1099.9	*1086.8*	1083.2	1071.1	1064.5	1063.0
15°	1197.1	1193.6	1193.6	1183.4	1169.3	1148.5	*1132.3*	1126.7	1106.0	1099.4	1098.9
17.5°	1235.1	1231.5	1231.0	1228.0	1214.3	1195.6	*1181.4*	1175.8	1156.1	1144.5	1146.5
20°	1280.6	1277.1	1276.1	1274.0	1265.9	1248.7	*1239.1*	1234.6	1210.3	1194.6	1202.7
22.5°	1346.4	1343.9	1339.3	1330.2	1319.1	1308.5	*1296.3*	1294.8	1275.1	1261.9	1278.1
25°	1423.9	1417.8	1415.8	1401.1	1386.9	1371.7	*1361.6*	1363.6	1345.4	1334.3	1355.5
27.5°	1520.5	1513.5	1506.9	1492.2	1465.4	1450.7	*1439.1*	1441.1	1423.4	1422.9	1463.3
30°	1629.4	1627.3	1615.2	1593.9	1560.5	1542.3	*1524.6*	1528.6	1519.5	1525.6	1593.4
32.5°	1752.4	1752.9	1737.2	1712.9	1678.5	1655.2	*1642.0*	1644.1	1650.1	1678.5	1760.0
35°	1909.3	1900.2	1900.7	1872.8	1822.2	1802.0	*1796.9*	1800.0	1821.2	1916.4	2016.6
37.5°	2082.4	2074.8	2074.8	2054.1	2005.5	1971.0	*1981.2*	1989.8	2063.2	2240.8	2347.1
40°	2268.7	2258.0	2275.3	2268.2	2211.5	2199.8	*2194.3*	2224.6	2358.3	2603.3	2747.5
42.5°	2407.4	2408.9	2419.0	2429.6	2400.8	2415.5	*2429.1*	2464.1	2659.4	3001.1	3146.4
45°	2538.0	2539.0	2547.6	2563.8	2574.9	2615.4	*2676.6*	2726.8	2993.5	3348.8	3503.7
47.5°	2677.7	2672.6	2686.8	2726.8	2742.4	2847.7	*2938.3*	3025.9	3289.6	3694.1	3838.8
50°	2827.5	2828.0	2843.2	2895.8	2944.9	3106.4	*3242.5*	3339.2	3612.6	4039.3	4145.6
52.5°	3052.2	3033.0	3047.7	3086.1	3166.6	3384.3	*3556.9*	3669.3	3936.0	4366.3	4480.1
55°	3303.3	3306.8	3328.6	3354.9	3465.3	3738.6	*3930.4*	4058.5	4287.8	4761.1	4869.9
57.5°	3544.2	3525.5	3585.7	3670.8	3798.3	4180.0	*4404.2*	4504.4	4671.0	5233.8	5300.7
60°	3606.0	3610.5	3714.8	3933.5	4212.4	4745.9	*4960.0*	5010.1	5160.9	5831.6	5664.6
62.5°	3328.6	3342.3	3580.7	4017.0	4592.0	5400.4	*5670.7*	5673.7	5695.0	6115.6	5683.8
65°	2717.1	2745.5	3066.9	3716.8	4762.1	6042.7	*6379.3*	6354.5	5923.2	6009.3	5332.5
67.5°	2199.8	2236.3	2531.9	3232.9	4632.0	6367.2	*6756.9*	6630.9	5790.6	5657.5	4685.6
68°	*2098.6*	*2149.2*	*2439.8*	*3106.4*	*4591.0*	*6372.2*	*6765.0*	*6635.9*	*5725.8*	*5539.6*	*4531.8*
70°	1746.3	1800.0	2077.8	2762.7	4422.4	6200.1	*6569.1*	6462.8	5376.6	4978.7	3921.8
72.5°	1095.4	1127.8	1459.3	2200.3	4030.2	5569.4	*5911.1*	5884.8	4813.2	4070.6	2972.8
75°	470.2	485.9	724.3	1327.7	3105.9	4703.4	*4802.6*	4820.3	3816.5	2881.1	1883.0
77.5°	308.3	308.8	335.1	587.2	1879.9	3773.5	*3901.6*	3607.0	2559.2	1534.7	881.2
80°	259.2	258.1	256.6	281.4	832.1	2536.4	*2600.2*	2307.6	1301.9	622.6	303.2
82.5°	219.2	214.1	203.5	211.1	324.5	1295.8	*1440.1*	1265.9	597.8	224.7	136.2
85°	153.9	148.3	134.1	145.3	164.0	563.9	*641.8*	557.8	212.1	131.1	80.5
87.5°	66.3	55.7	57.7	68.3	73.4	168.0	*176.1*	124.0	72.4	54.2	32.4
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: P1461074
CATALOG NUMBER: PRV-PC1B-727-U-T4RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	989.6	989.6	989.6	989.6	989.6	989.6	989.6	989.6	989.6	989.6	989.6
2.5°	990.6	990.6	989.1	988.6	986.5	986.5	984.0	984.0	984.5	982.5	983.0
5°	998.2	996.7	995.1	992.6	991.1	991.1	992.6	994.6	996.1	996.7	996.1
7.5°	1010.8	1010.8	1009.8	1009.3	1013.4	1021.5	1031.6	1037.1	1048.8	1052.3	1056.4
10°	1033.6	1033.1	1035.6	1045.8	1063.0	1084.2	1103.0	1119.1	1136.4	1138.9	1142.9
12.5°	1059.9	1066.0	1079.7	1105.5	1139.9	1168.2	1196.1	1221.9	1237.1	1247.2	1244.7
15°	1101.4	1111.6	1142.4	1188.0	1222.4	1261.4	1291.8	1314.0	1329.7	1335.3	1340.3
17.5°	1156.1	1173.8	1221.9	1274.5	1314.5	1343.9	1365.7	1371.7	1378.8	1381.9	1383.9
20°	1221.9	1256.3	1316.6	1363.6	1390.5	1398.6	1402.6	1400.6	1404.1	1408.7	1411.2
22.5°	1303.9	1349.5	1416.8	1440.1	1434.5	1422.3	1420.3	1423.4	1432.0	1434.5	1438.5
25°	1401.6	1445.6	1507.4	1489.7	1446.1	1430.4	1444.1	1445.6	1446.6	1445.6	1449.2
27.5°	1515.5	1559.5	1578.8	1498.3	1441.1	1448.2	1459.8	1443.6	1423.4	1409.7	1413.7
30°	1640.5	1672.4	1623.8	1484.1	1443.1	1457.8	1439.6	1386.9	1354.0	1335.8	1338.3
32.5°	1801.5	1800.0	1643.5	1477.0	1456.3	1434.0	1365.7	1305.9	1267.5	1245.7	1246.7
35°	2006.0	1946.7	1659.2	1497.3	1453.2	1370.2	1290.2	1226.0	1195.6	1177.9	1179.9
37.5°	2278.3	2113.8	1694.2	1526.6	1402.6	1289.7	1211.8	1173.3	1157.6	1145.0	1148.0
40°	2634.1	2344.1	1798.4	1533.2	1308.5	1197.1	1165.7	1146.5	1131.3	1117.1	1122.2
42.5°	2936.3	2579.5	2001.9	1486.6	1191.0	1124.2	1135.3	1120.7	1097.4	1072.1	1074.6
45°	3237.5	2789.0	2242.3	1385.4	1070.6	1070.1	1095.9	1074.1	1041.7	1002.7	1003.7
47.5°	3491.1	2994.5	2484.8	1261.9	960.7	1001.2	1033.6	1004.8	951.1	902.5	898.0
50°	3723.4	3227.9	2687.3	1122.7	867.1	916.2	933.4	884.8	842.3	814.4	811.9
52.5°	3972.5	3505.3	2849.3	999.7	765.8	798.2	812.9	797.7	779.5	762.8	759.3
55°	4292.9	3867.2	3018.3	913.1	658.0	688.4	718.3	744.1	732.9	724.3	719.3
57.5°	4671.0	4327.8	3071.0	801.8	562.4	592.7	667.6	707.1	698.5	692.4	690.4
60°	4955.4	4657.8	2774.8	623.1	484.4	531.5	635.8	680.3	662.6	646.9	642.3
62.5°	4944.8	4572.3	2157.8	472.8	432.3	490.5	603.4	638.8	612.0	597.8	591.7
65°	4574.3	4171.4	1519.5	391.8	385.7	451.0	559.8	587.2	562.4	545.7	542.6
67.5°	3994.7	3553.8	943.5	340.1	345.2	410.0	513.8	539.6	510.2	495.0	496.1
68°	*3849.5*	*3365.5*	*838.2*	*329.5*	*336.1*	*403.9*	*504.1*	*526.4*	*499.6*	*485.4*	*484.4*
70°	3289.6	2779.9	553.8	300.2	308.3	375.1	468.2	484.4	462.1	450.5	448.0
72.5°	2430.1	1885.0	319.4	265.2	276.4	339.1	419.6	436.3	432.3	435.3	440.4
75°	1502.8	1088.3	235.9	234.4	246.0	309.8	380.1	411.0	420.1	434.3	437.8
77.5°	717.2	524.9	194.9	202.5	217.1	272.8	345.7	394.3	395.3	397.3	399.9
80°	236.4	200.4	164.5	166.5	187.8	239.9	312.8	348.2	324.5	318.4	310.8
82.5°	125.0	129.1	132.6	134.1	156.4	197.9	245.5	257.6	236.9	166.5	164.5
85°	72.9	76.9	85.0	92.1	107.3	136.7	177.2	177.7	150.8	74.4	65.3
87.5°	24.3	29.4	28.9	34.4	40.5	54.7	74.9	77.4	62.3	25.8	14.7
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

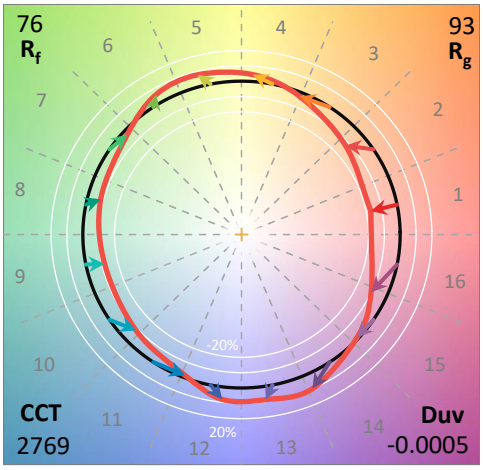
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

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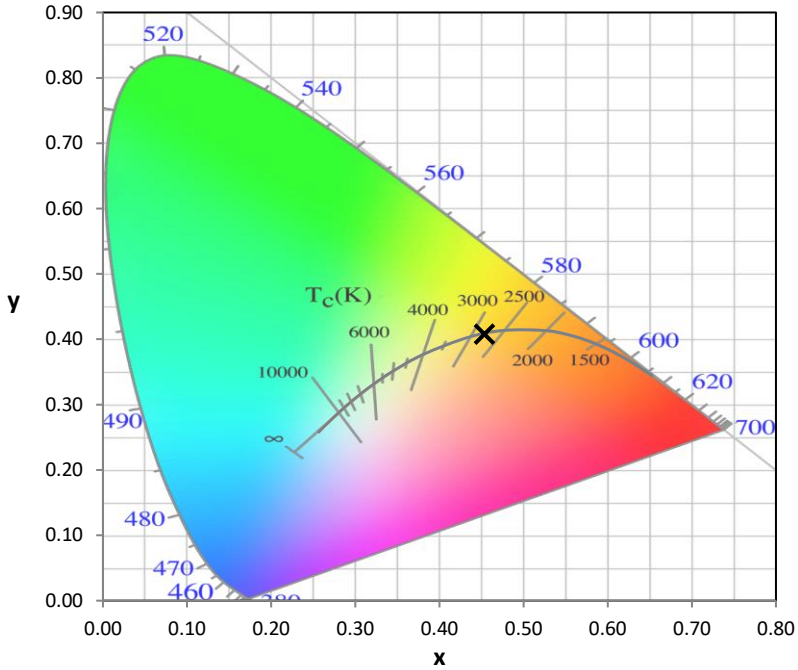
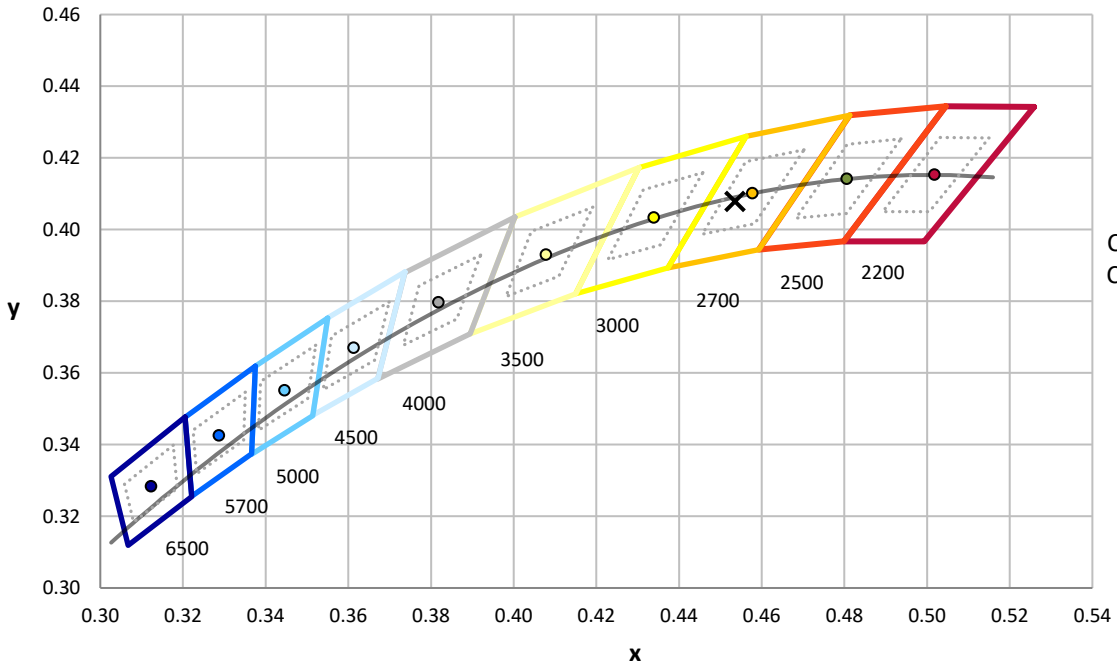
CIE 1931 Chromaticity Diagram



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

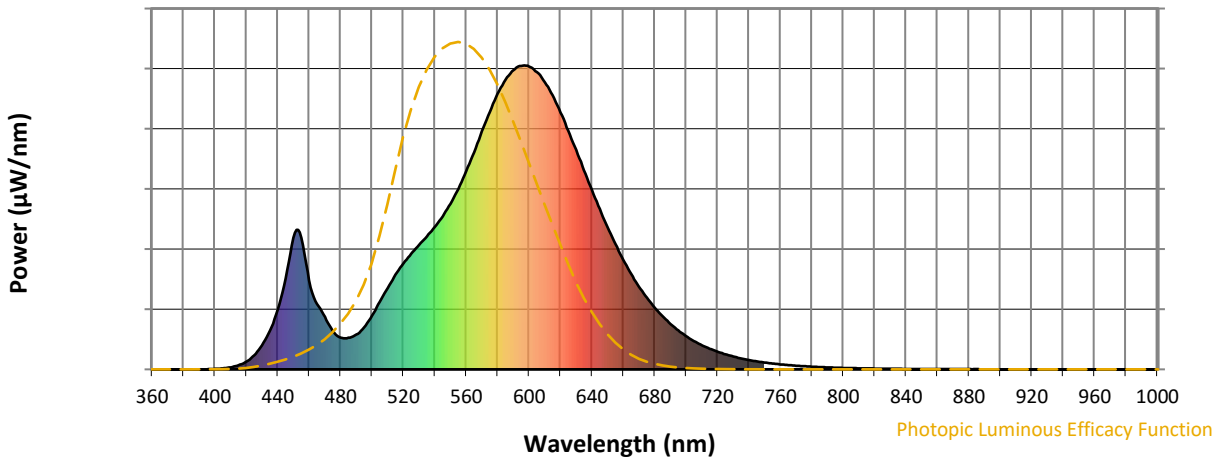


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

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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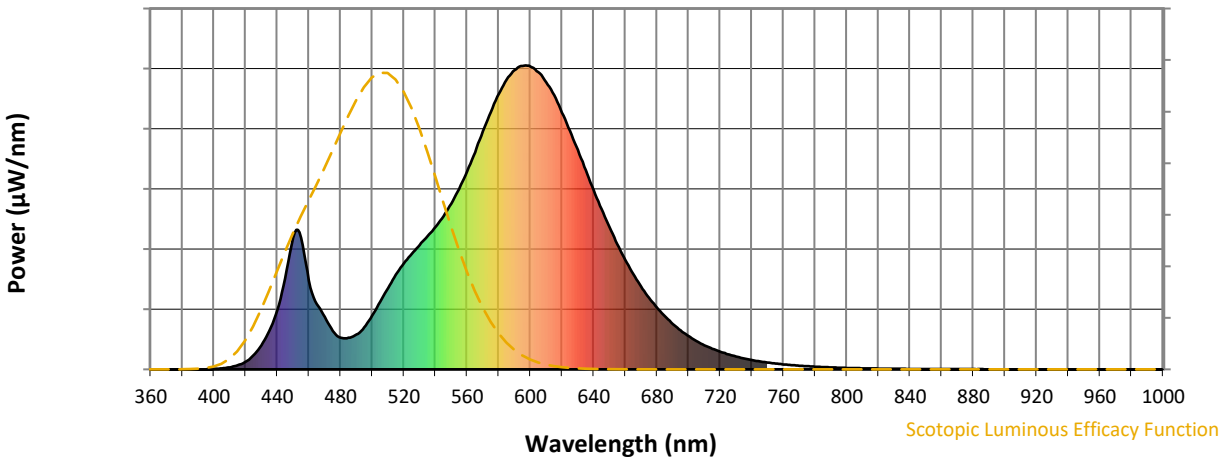
Scotopic Flux vs. Wavelength



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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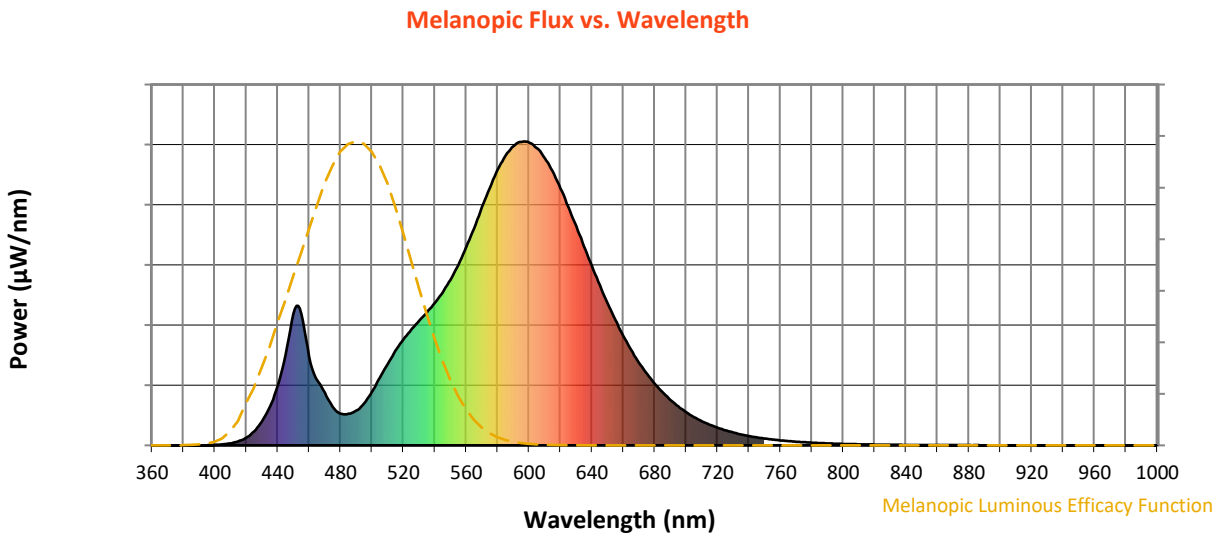

Melanopic Lumens: NR **M/P: 2.08**

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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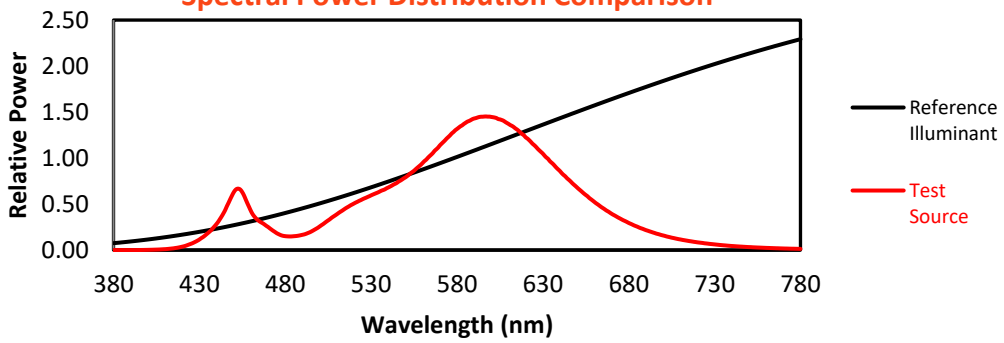
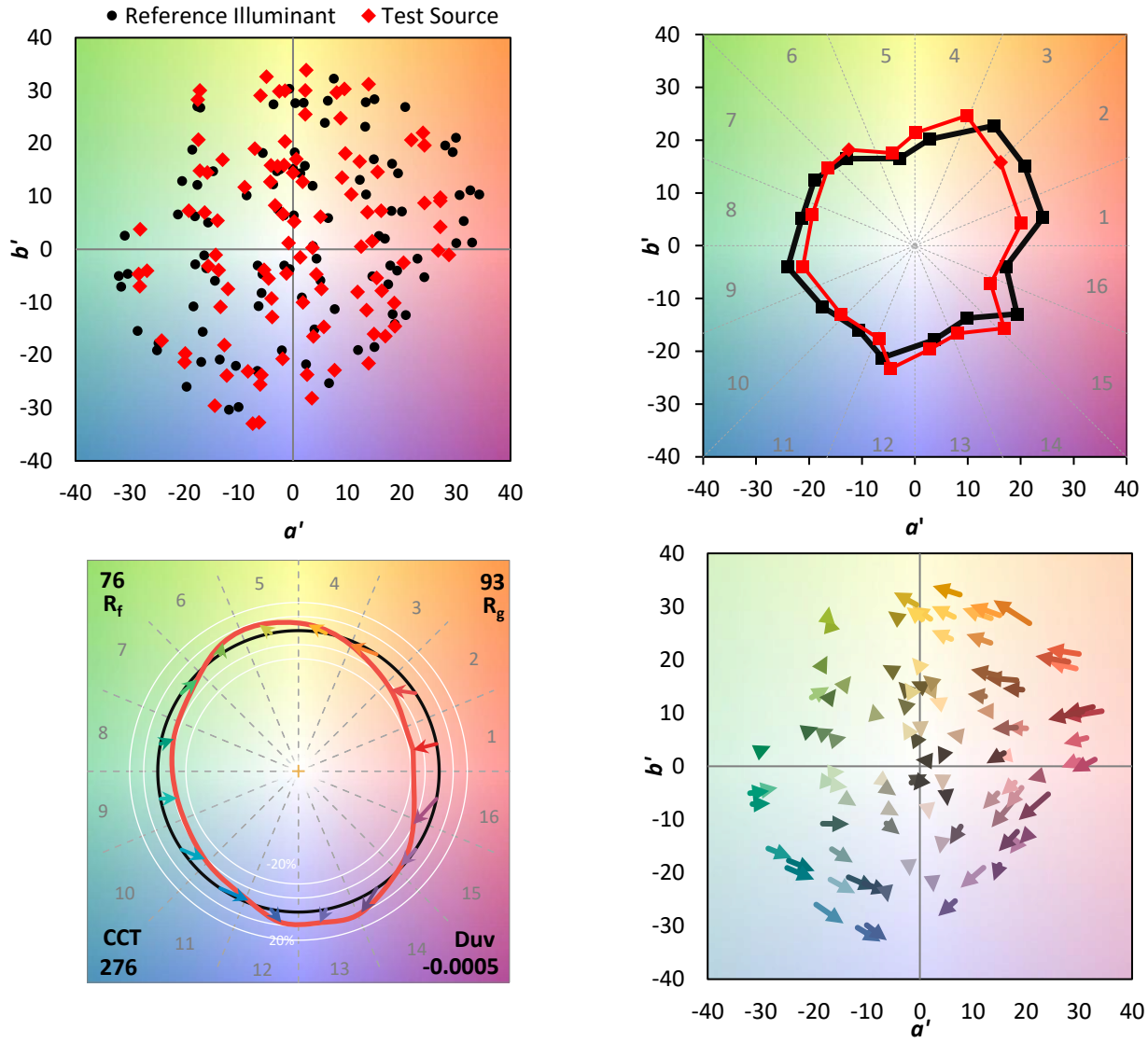
Summary

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

Spectral Power Distribution Comparison

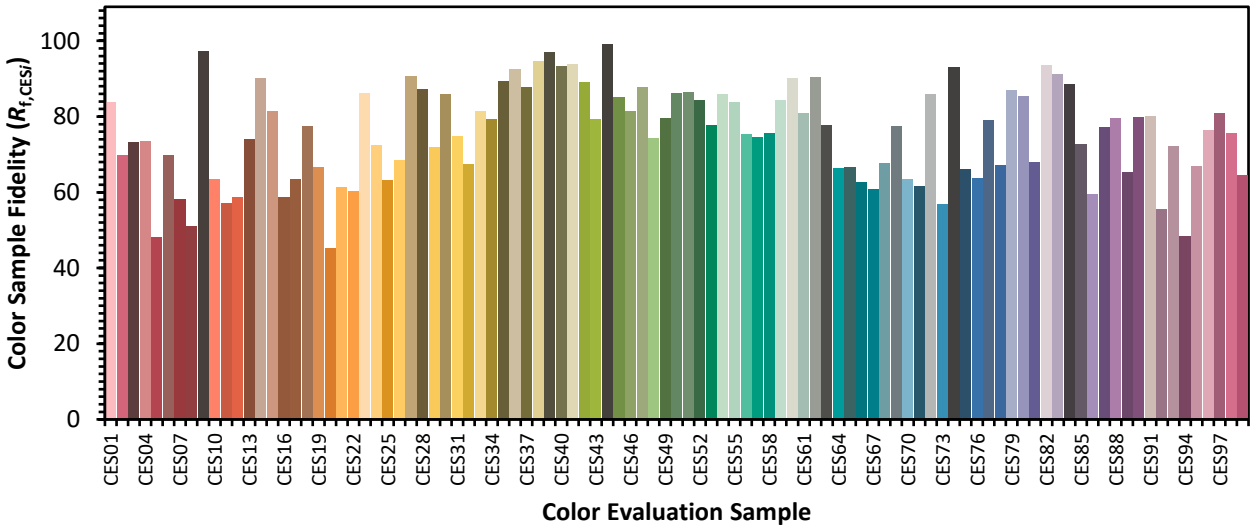


Color Vector Graphics

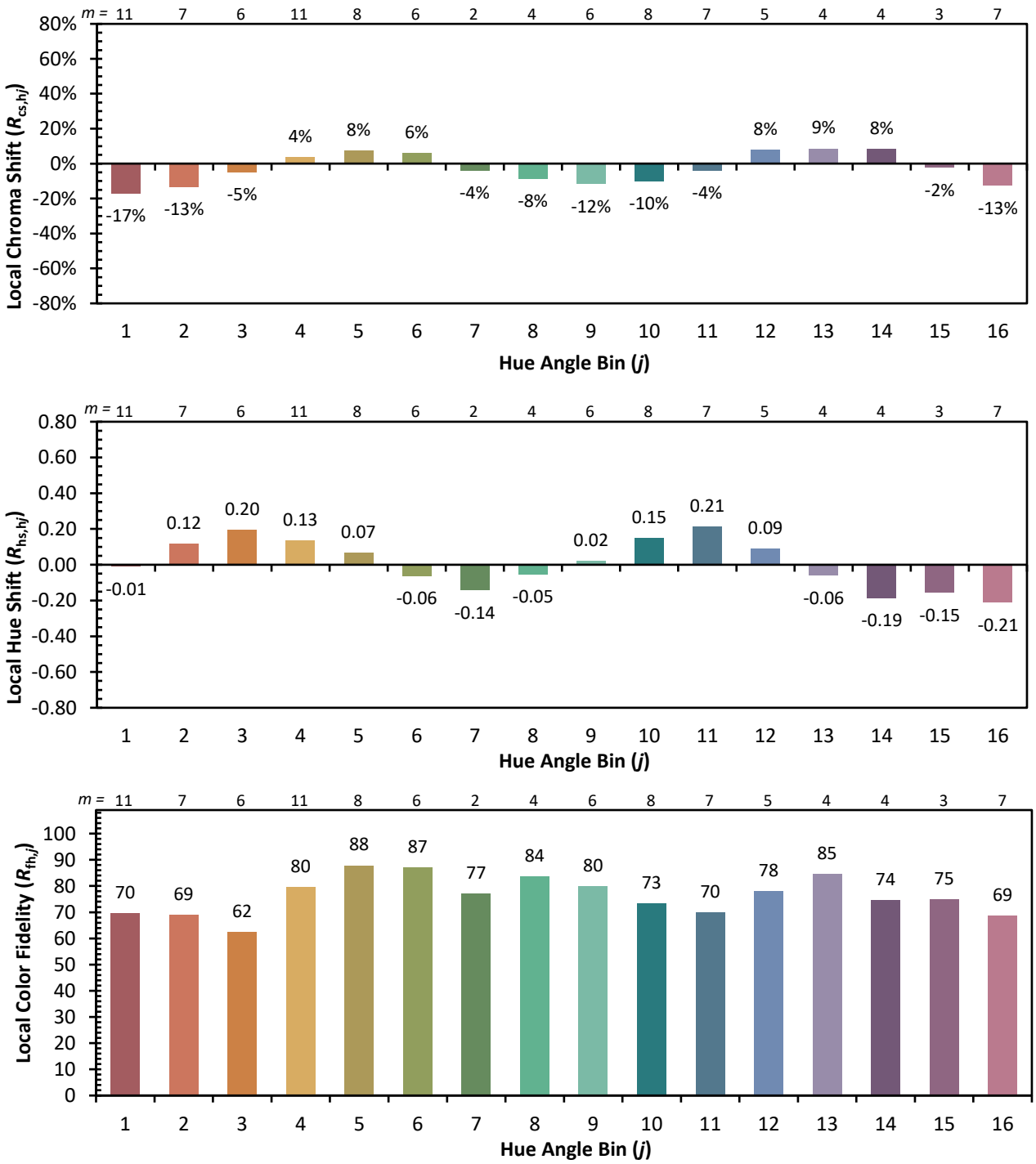


Individual Sample Fidelity Index ($R_{f,i}$)

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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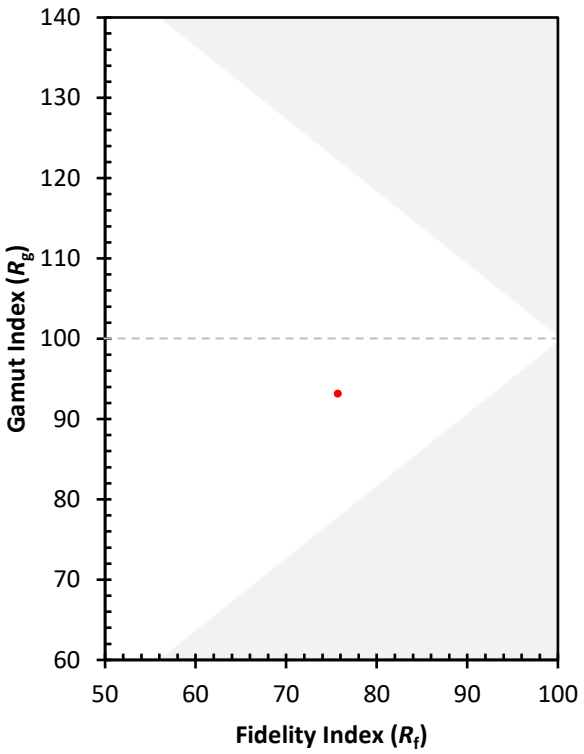
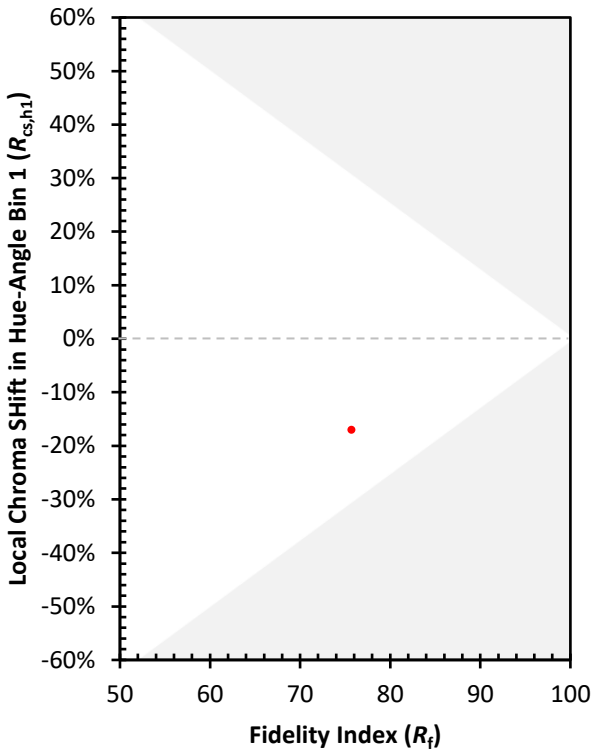
Measure Comparisons





(END OF REPORT)