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: P1460969

Luminaire Tested: PRV-PC1A-727-U-T3RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460969
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1A-727-U-T3RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 425MA 70CRI 2700K FIXTURE w/ TYPE III ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7777.8 lumens
Efficiency:	N/A
Efficacy:	149.6 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - 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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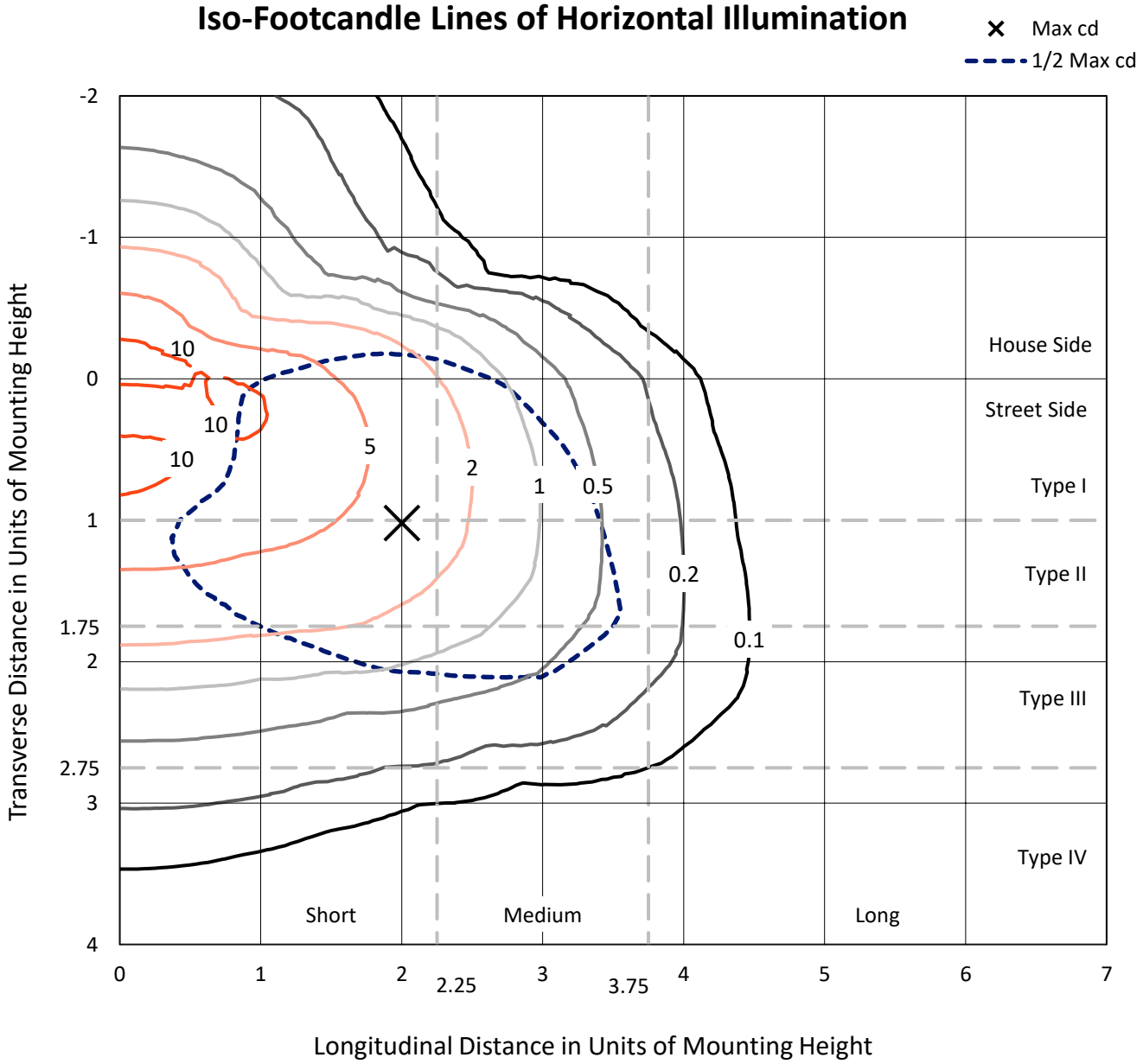
Scaled Data Report

REPORT NUMBER: P1460969
CATALOG NUMBER: PRV-PC1A-727-U-T3RE

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 11.4 fc
Type III - Short - N/A

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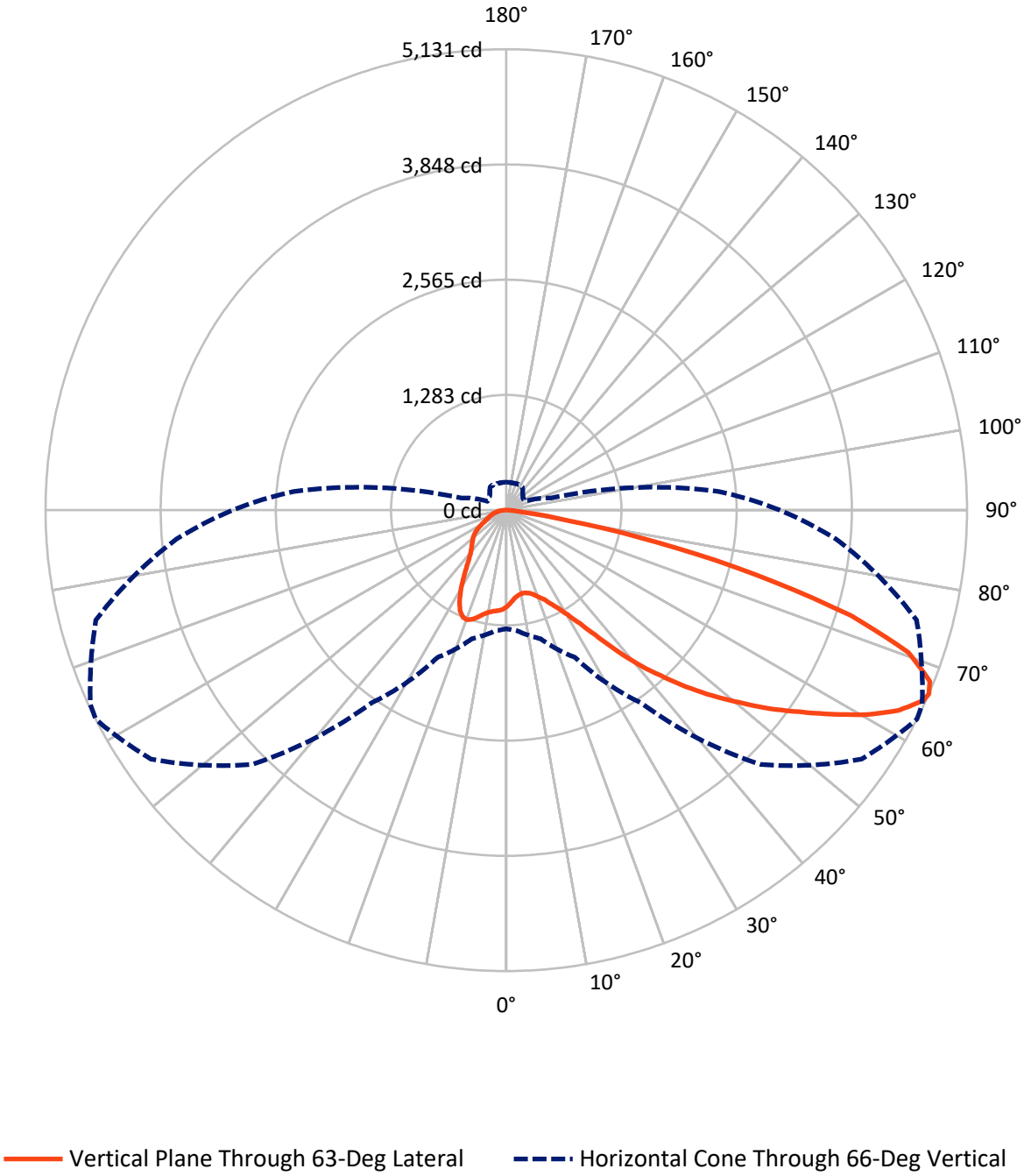
CATALOG NUMBER: PRV-PC1A-727-U-T3RE

Luminous Intensity Polar Plot



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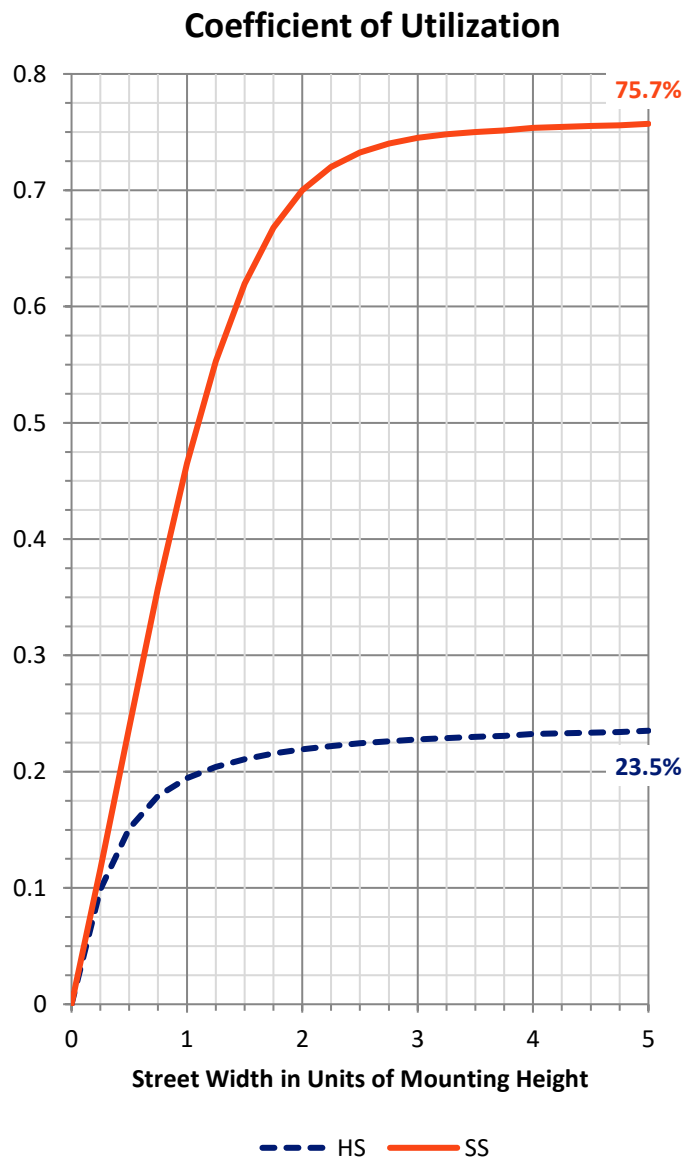
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1860.5	0.0	1860.5
	% Fixture	23.9	0.0	23.9
Street Side	Lumens	5917.3	0.0	5917.3
	% Fixture	76.1	0.0	76.1
Total	Lumens	7777.8	0.0	7777.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.7	1.3
10°-20°	312.3	4.0
20°-30°	556.3	7.2
30°-40°	876.0	11.3
40°-50°	1315.4	16.9
50°-60°	1765.9	22.7
60°-70°	1894.8	24.4
70°-80°	852.5	11.0
80°-90°	105.0	1.3
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°	7777.8	100.0
0°-180°	7777.8	100.0



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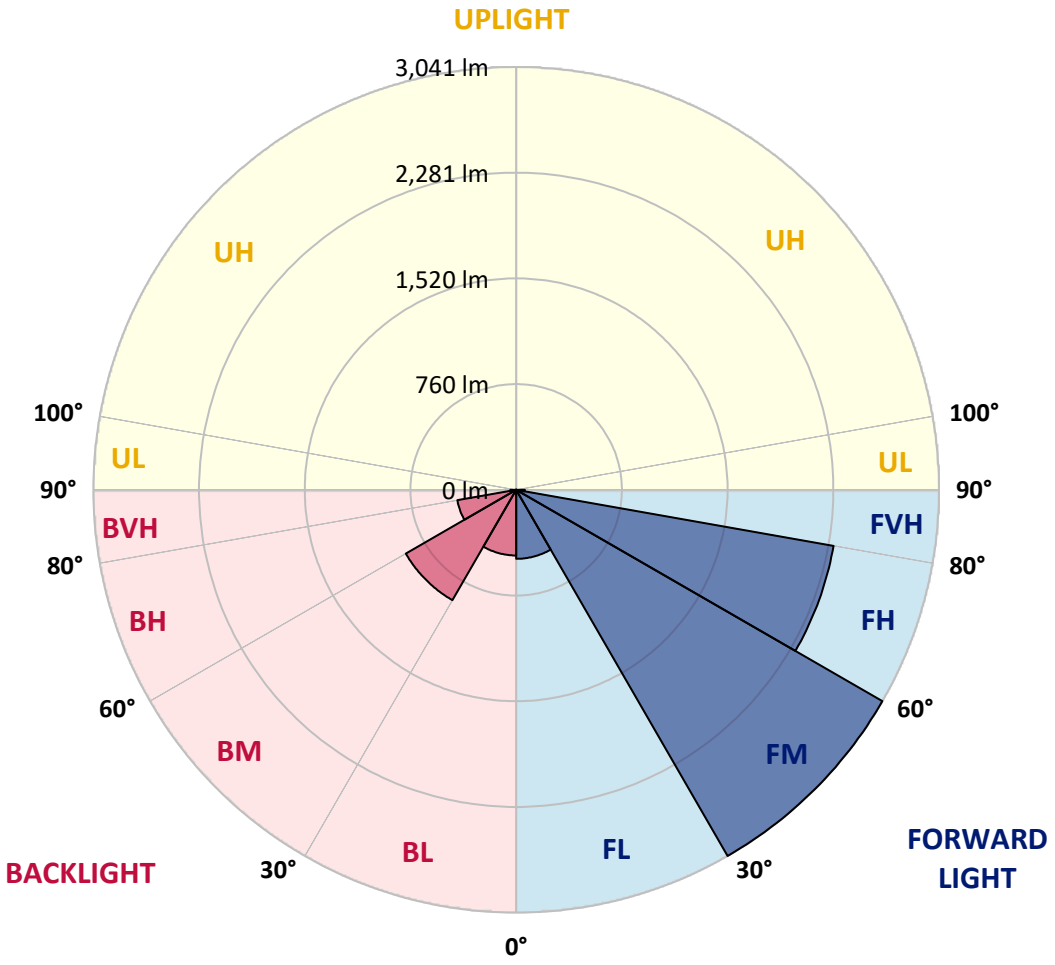
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	496.3	6.4			
FM	(30°-60°)	3040.8	39.1			
FH	(60°-80°)	2317.8	29.8			G2/5000
FVH	(80°-90°)	62.5	0.8			G1/100
BL	(0°-30°)	472.0	6.1	B1/500		
BM	(30°-60°)	916.4	11.8	B1/1000		
BH	(60°-80°)	429.5	5.5	B1/500		G1/500
BVH	(80°-90°)	42.5	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1072.3	1072.3	1072.3	1072.3	1072.3	1072.3	1072.3	*1072.3*	1072.3	1072.3	1072.3
2.5°	961.4	963.6	966.9	971.7	979.4	993.7	1012.4	*1028.2*	1031.5	1051.4	1064.9
5°	886.2	888.7	891.3	897.9	911.5	928.0	956.3	*984.9*	992.6	1033.7	1070.1
7.5°	868.5	869.3	870.4	872.2	880.3	893.9	922.5	*957.4*	965.5	1023.8	1082.9
10°	889.1	889.5	889.1	886.9	885.1	890.2	909.7	*942.0*	953.3	1023.8	1104.6
12.5°	931.3	935.0	932.1	924.3	913.7	910.4	919.6	*943.8*	954.4	1035.6	1135.4
15°	990.8	994.5	987.5	976.1	960.3	946.4	943.8	*959.6*	968.8	1053.6	1177.3
17.5°	1063.5	1062.0	1053.9	1038.5	1016.8	994.5	981.6	*987.8*	994.8	1080.7	1223.2
20°	1150.8	1156.3	1139.5	1116.7	1091.4	1057.2	1029.0	*1031.5*	1033.7	1116.7	1278.2
22.5°	1295.1	1301.7	1269.8	1226.5	1179.5	1132.9	1096.9	*1078.5*	1085.1	1158.2	1335.1
25°	1437.9	1439.0	1415.5	1373.3	1303.5	1229.0	1174.7	*1153.0*	1151.9	1218.7	1412.9
27.5°	1587.7	1577.8	1551.0	1505.4	1439.7	1353.8	1271.6	*1238.9*	1235.6	1303.5	1499.6
30°	1725.7	1720.6	1694.1	1645.7	1570.1	1488.9	1393.5	*1352.0*	1348.3	1428.4	1622.6
32.5°	1853.8	1855.3	1830.3	1779.3	1718.0	1635.0	1540.0	*1500.7*	1496.3	1608.2	1777.5
35°	1955.9	1952.6	1937.5	1917.3	1867.8	1794.4	1707.0	*1706.2*	1716.5	1862.3	1976.8
37.5°	2056.1	2053.9	2030.4	2017.9	2021.6	1957.0	1921.4	*1962.5*	1984.1	2135.7	2203.3
40°	2221.3	2209.2	2179.1	2142.7	2147.1	2117.0	2130.2	*2250.6*	2289.9	2441.5	2441.5
42.5°	2345.4	2340.6	2335.4	2321.5	2302.0	2277.8	2354.2	*2514.6*	2552.8	2706.6	2647.5
45°	2392.0	2398.6	2430.2	2486.3	2482.7	2448.1	2597.6	*2802.8*	2836.9	2976.0	2853.4
47.5°	2432.4	2439.7	2478.2	2593.9	2654.5	2661.1	2860.8	*3084.0*	3124.0	3259.8	3043.9
50°	2432.0	2447.4	2524.1	2655.6	2770.5	2870.3	3140.9	*3367.7*	3408.1	3525.2	3209.5
52.5°	2379.9	2390.5	2520.8	2705.8	2861.9	3083.6	3432.0	*3668.7*	3687.1	3776.7	3353.8
55°	2321.9	2331.0	2466.9	2717.2	2958.0	3318.5	3733.7	*3963.5*	3992.5	4034.7	3500.2
57.5°	2254.3	2269.0	2404.1	2682.7	3039.2	3550.2	4042.8	*4284.0*	4297.9	4283.6	3662.1
60°	2172.8	2178.7	2309.4	2594.2	3085.4	3789.5	4342.7	*4621.0*	4623.9	4531.4	3794.6
62.5°	1883.6	1889.8	2043.6	2410.3	3052.4	3972.0	4603.4	*4906.6*	4900.7	4718.6	3857.1
65°	1445.6	1471.7	1627.0	2006.9	2799.5	4052.0	4806.0	*5106.3*	5085.0	4763.4	3771.5
66°	*1319.7*	*1346.1*	*1481.6*	*1806.8*	*2620.7*	*4001.3*	*4831.3*	*5130.9*	*5110.3*	*4730.7*	*3684.5*
67.5°	1180.9	1185.7	1295.8	1542.9	2247.0	3766.4	4746.5	*5088.3*	5065.2	4586.5	3478.9
70°	860.5	883.2	981.6	1170.3	1585.1	3022.6	4281.4	*4751.7*	4717.9	4090.2	2958.0
72.5°	565.0	574.1	617.5	702.6	1009.5	2032.6	3534.7	*4013.4*	4044.3	3264.2	2202.6
75°	393.9	388.8	370.4	378.8	504.8	991.5	2474.6	*2865.5*	2904.8	2112.6	1302.4
77.5°	324.1	317.5	287.4	252.2	258.4	368.9	1310.2	*1693.8*	1662.9	1035.6	588.1
80°	279.7	273.5	241.2	209.6	190.5	176.2	412.6	*689.8*	639.1	347.6	203.7
82.5°	223.6	220.3	205.9	176.2	154.5	127.4	128.8	*179.5*	192.0	129.6	89.6
85°	135.8	134.4	135.5	139.5	110.1	93.2	76.7	*80.8*	78.6	65.0	55.8
87.5°	70.1	65.0	69.7	83.3	65.3	42.9	32.3	*33.4*	35.2	33.4	28.6
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: P1460969
CATALOG NUMBER: PRV-PC1A-727-U-T3RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1072.3	1072.3	1072.3	1072.3	1072.3	1072.3	1072.3	1072.3	1072.3	1072.3	1072.3
2.5°	1074.1	1082.2	1095.0	1103.5	1109.0	1112.3	1111.9	1111.6	1110.5	1107.9	1109.4
5°	1085.9	1099.8	1116.3	1121.5	1120.4	1118.5	1115.6	1114.9	1116.0	1113.8	1113.8
7.5°	1105.7	1121.1	1136.5	1133.6	1128.4	1134.0	1142.8	1154.9	1162.2	1166.6	1172.5
10°	1132.1	1153.0	1158.2	1149.4	1155.2	1176.9	1196.7	1210.3	1218.4	1222.4	1226.5
12.5°	1171.8	1189.7	1179.8	1175.8	1201.5	1228.7	1234.2	1224.3	1213.6	1207.4	1207.7
15°	1215.8	1227.6	1207.4	1219.1	1251.1	1248.5	1210.3	1169.6	1140.2	1127.7	1129.2
17.5°	1262.8	1265.0	1238.6	1266.8	1269.8	1210.7	1134.3	1077.1	1058.0	1051.0	1051.7
20°	1317.9	1308.0	1280.4	1308.0	1245.9	1128.1	1044.7	1010.6	1002.2	1005.5	1006.2
22.5°	1367.1	1344.3	1324.5	1317.1	1168.8	1031.2	977.6	965.1	967.7	973.5	979.8
25°	1426.2	1385.0	1366.7	1279.0	1067.5	954.8	931.3	932.8	933.2	938.3	943.1
27.5°	1491.9	1431.7	1395.3	1190.5	959.9	900.1	893.5	894.6	890.9	890.9	895.3
30°	1570.8	1487.5	1400.1	1070.8	862.7	850.9	850.6	842.8	827.8	824.1	826.7
32.5°	1680.6	1570.8	1379.2	929.5	792.9	803.2	799.2	779.0	758.4	753.6	759.1
35°	1842.8	1692.3	1337.7	799.5	732.4	751.4	746.7	720.2	689.8	678.0	679.5
37.5°	2009.1	1842.4	1285.2	692.3	677.7	704.8	693.8	658.6	626.3	604.6	607.5
40°	2183.5	1994.1	1223.5	623.3	630.3	655.3	645.7	602.4	560.6	541.5	550.3
42.5°	2354.9	2139.1	1157.4	578.2	585.5	610.5	600.6	555.0	523.8	503.7	507.0
45°	2508.7	2254.0	1097.6	544.4	547.0	566.4	551.7	525.7	494.1	476.9	475.8
47.5°	2646.0	2339.5	1060.2	517.2	508.8	514.7	512.5	494.1	470.6	454.5	453.0
50°	2763.8	2404.1	1053.6	492.6	467.7	457.0	466.9	461.4	443.1	431.3	430.2
52.5°	2858.9	2463.2	1082.2	467.7	415.9	410.8	425.5	426.9	413.0	407.8	408.2
55°	2973.8	2536.2	1140.2	432.8	370.0	370.8	390.2	391.7	383.6	384.3	385.8
57.5°	3099.4	2618.8	1188.3	387.3	327.8	333.7	359.8	362.3	354.6	357.5	358.7
60°	3205.5	2693.7	1131.7	330.8	290.0	305.1	338.5	337.0	332.6	339.9	341.8
62.5°	3236.3	2674.6	928.7	281.6	260.3	282.7	323.4	323.8	332.2	345.1	347.3
65°	3127.3	2491.8	633.2	245.2	236.4	263.2	314.6	327.4	323.8	321.9	324.1
66°	*3045.8*	*2377.3*	*517.2*	*232.7*	*227.6*	*257.7*	*312.4*	*317.5*	*310.9*	*310.6*	*310.6*
67.5°	2861.9	2139.4	377.7	216.6	217.7	248.9	299.2	294.8	301.0	306.9	309.1
70°	2426.5	1633.9	239.0	191.6	200.4	225.8	267.2	284.5	295.9	302.9	307.6
72.5°	1798.4	1054.7	170.3	169.2	182.1	202.6	245.6	270.9	280.5	310.2	318.6
75°	1102.0	586.2	143.2	150.5	156.0	183.9	222.1	255.9	253.7	262.5	264.7
77.5°	476.1	263.6	122.2	130.3	133.3	155.6	197.9	232.4	232.0	241.5	245.6
80°	163.0	119.7	104.6	106.1	115.6	131.4	168.9	201.5	201.9	205.9	201.5
82.5°	86.6	81.5	84.1	87.0	98.7	107.2	139.5	174.4	160.8	114.2	112.3
85°	54.7	48.8	55.4	65.3	72.3	77.8	106.5	131.4	114.5	50.3	44.8
87.5°	22.0	22.0	25.7	34.5	31.2	33.8	56.9	74.5	60.9	20.2	10.6
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

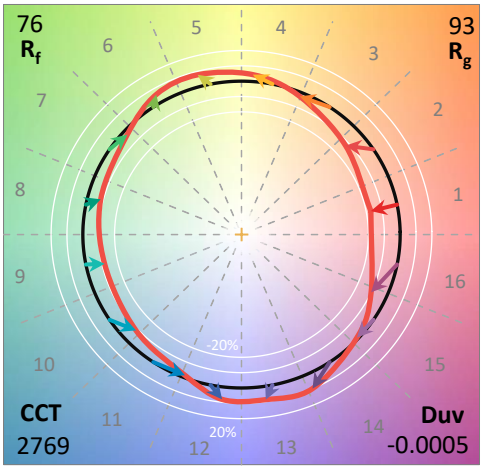
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



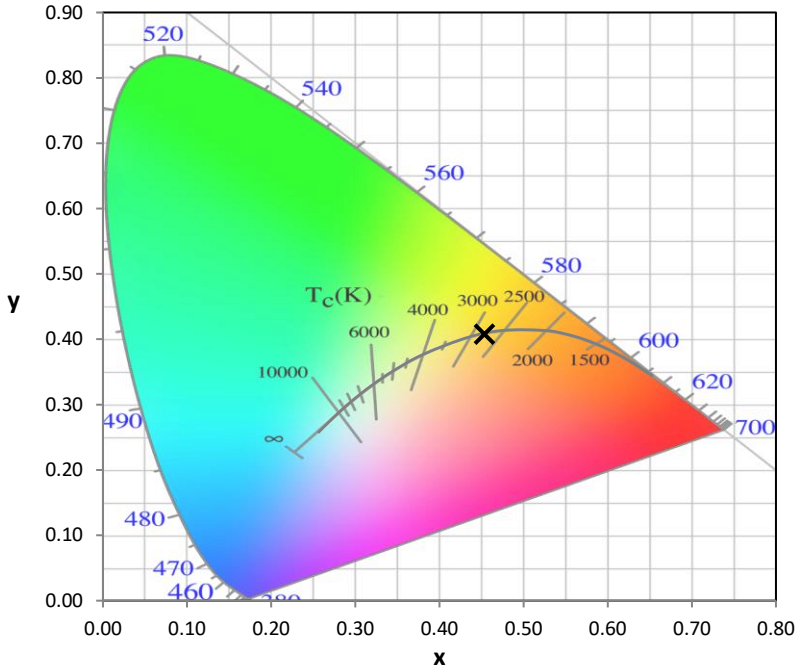
Test Conditions

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

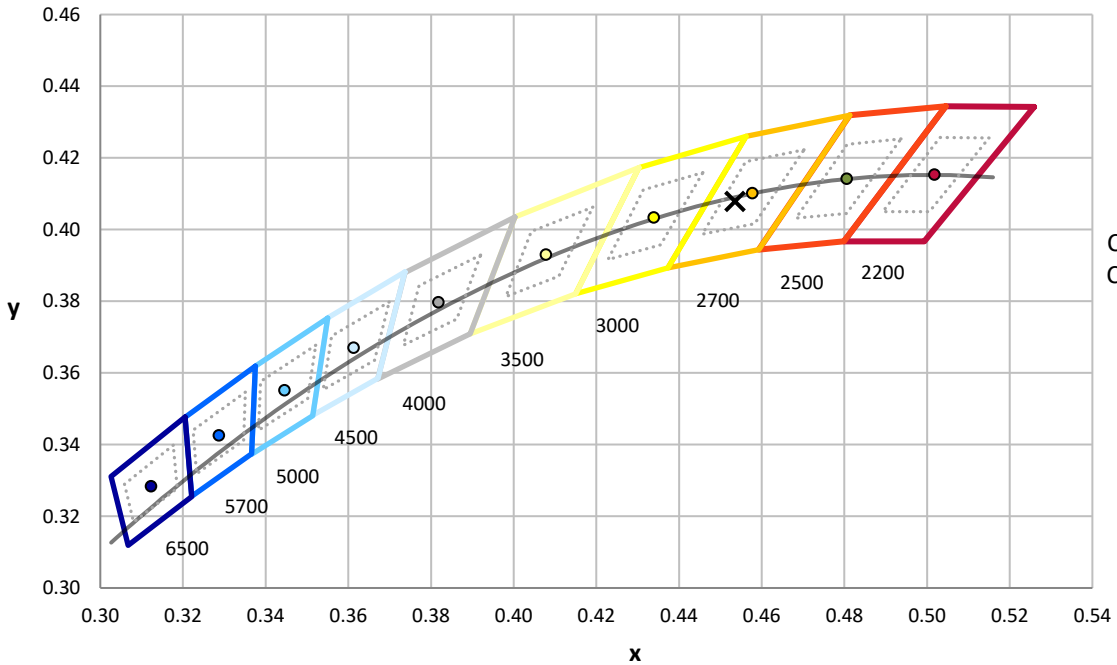
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

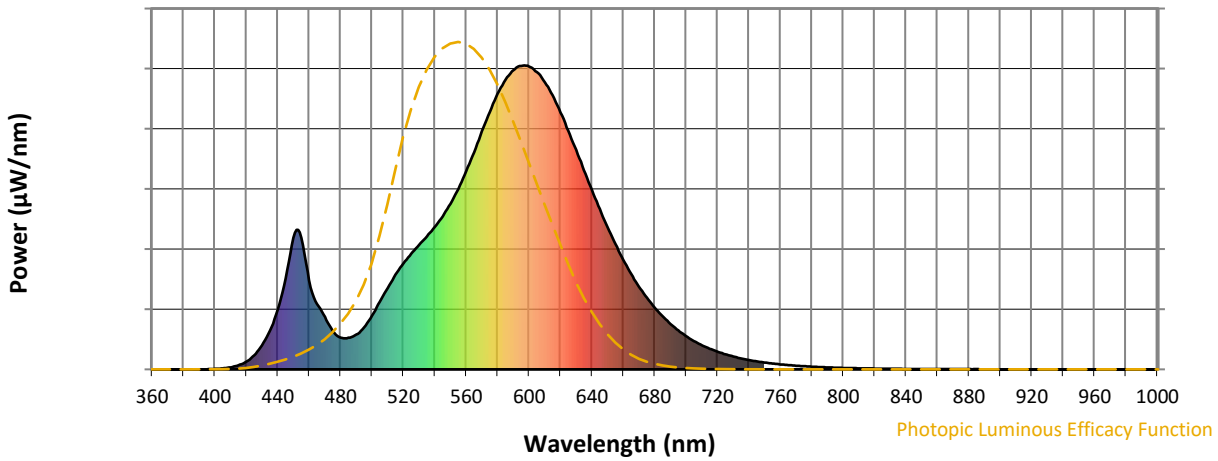


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

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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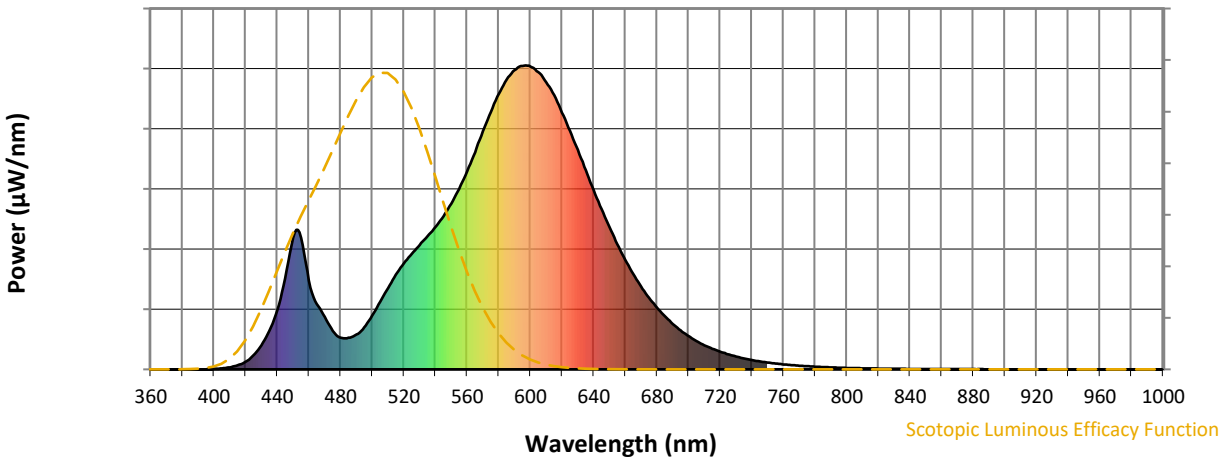
Scotopic Flux vs. Wavelength



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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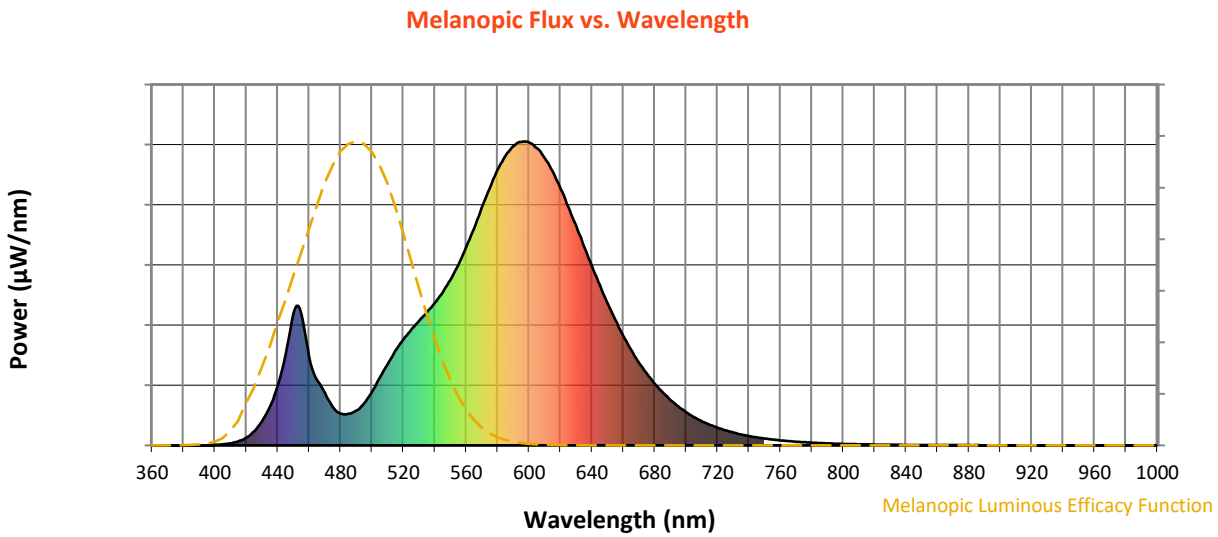

Melanopic Lumens: NR **M/P: 2.08**

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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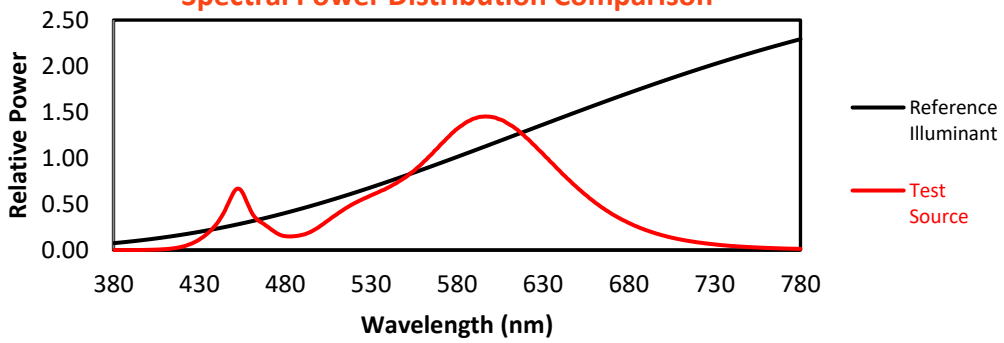
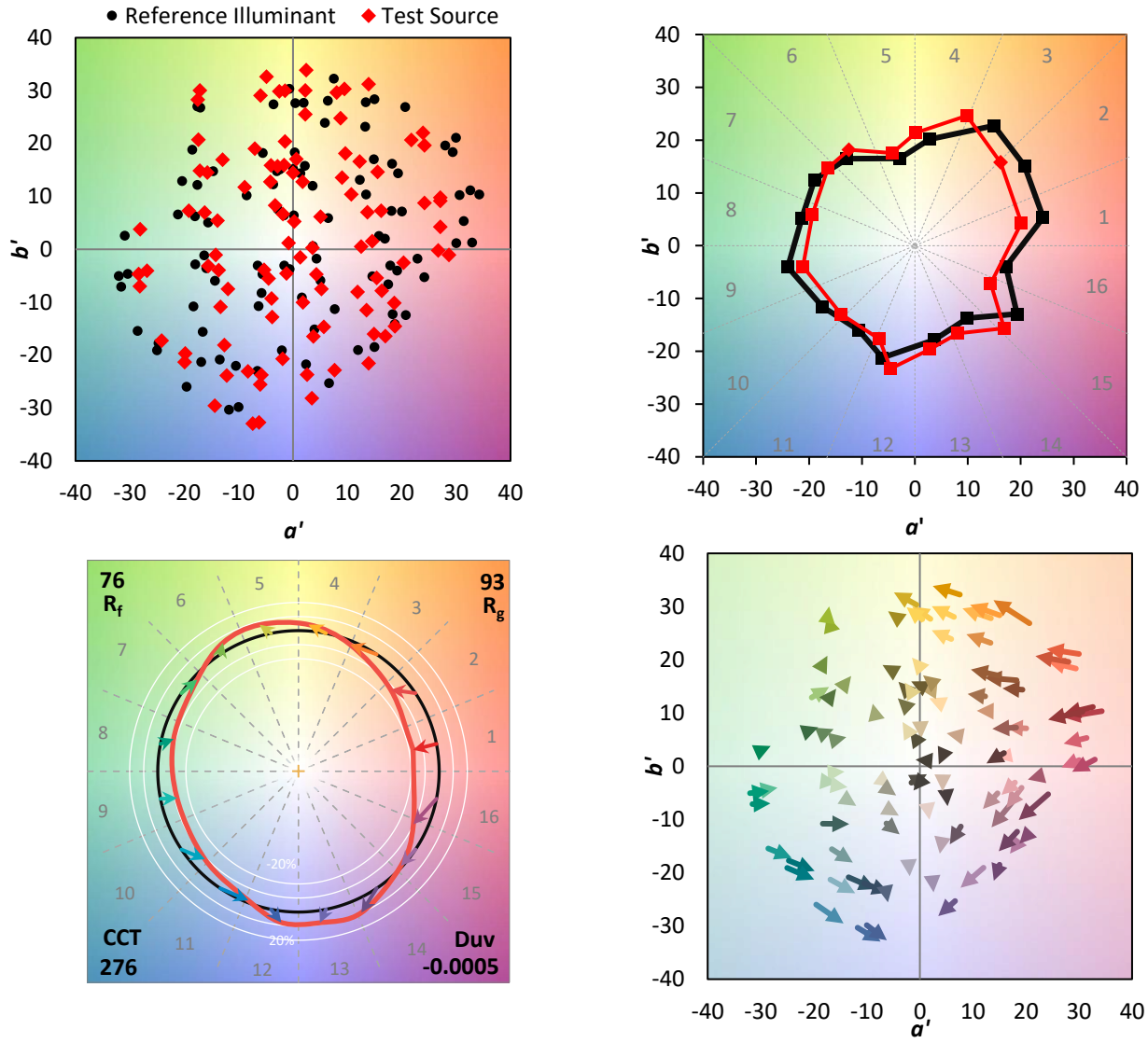
Summary

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

Spectral Power Distribution Comparison

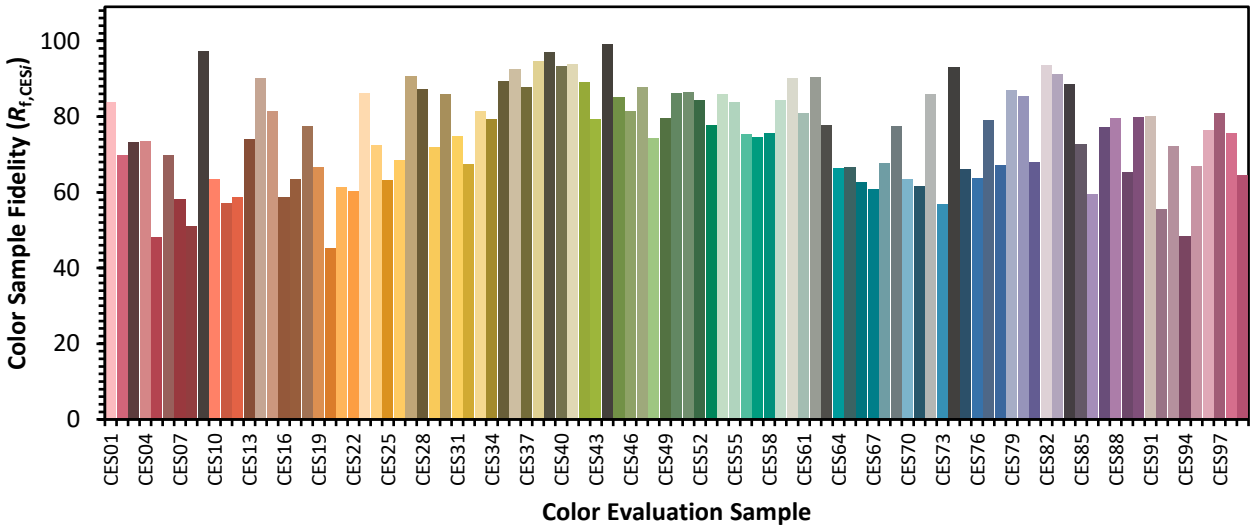


Color Vector Graphics

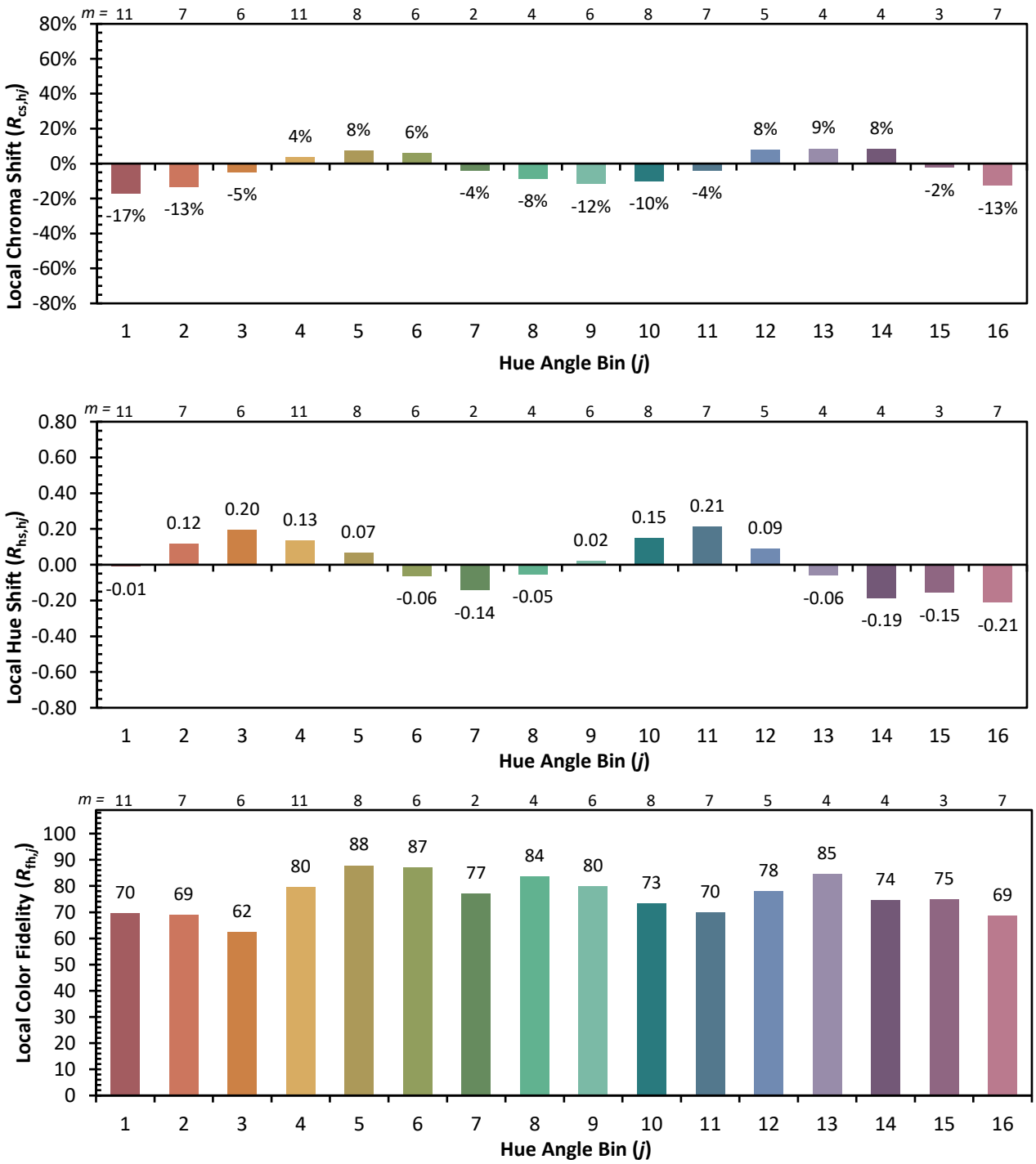


Individual Sample Fidelity Index ($R_{f,i}$)

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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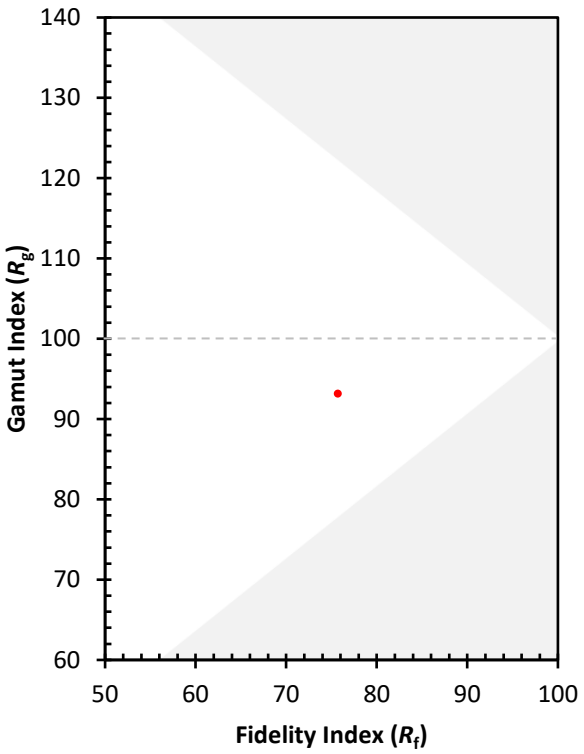
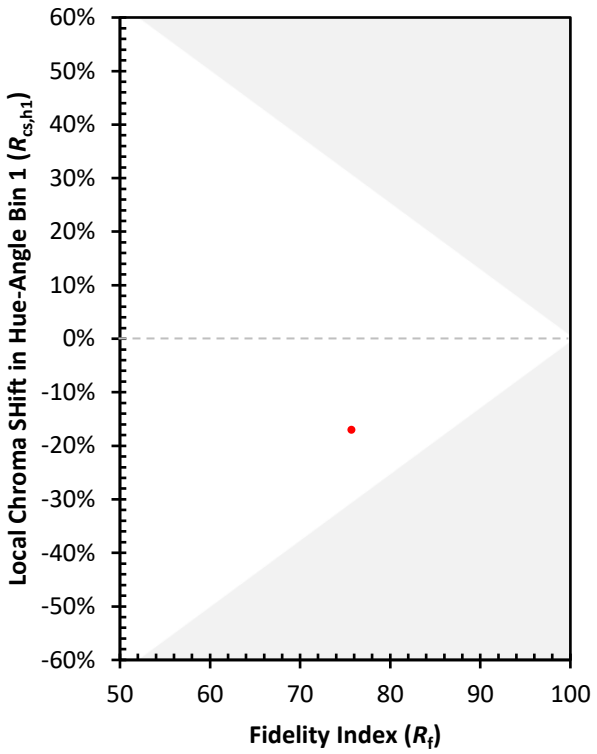
Measure Comparisons





(END OF REPORT)