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: P1503394

Luminaire Tested: PRV-P-PB2C-727-U-T4RE

Issue Date: 07/22/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1503394
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	7/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2C-727-U-T4RE
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 555MA 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:	9702.6 lumens
Efficiency:	N/A
Efficacy:	131.1 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):	74
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	8.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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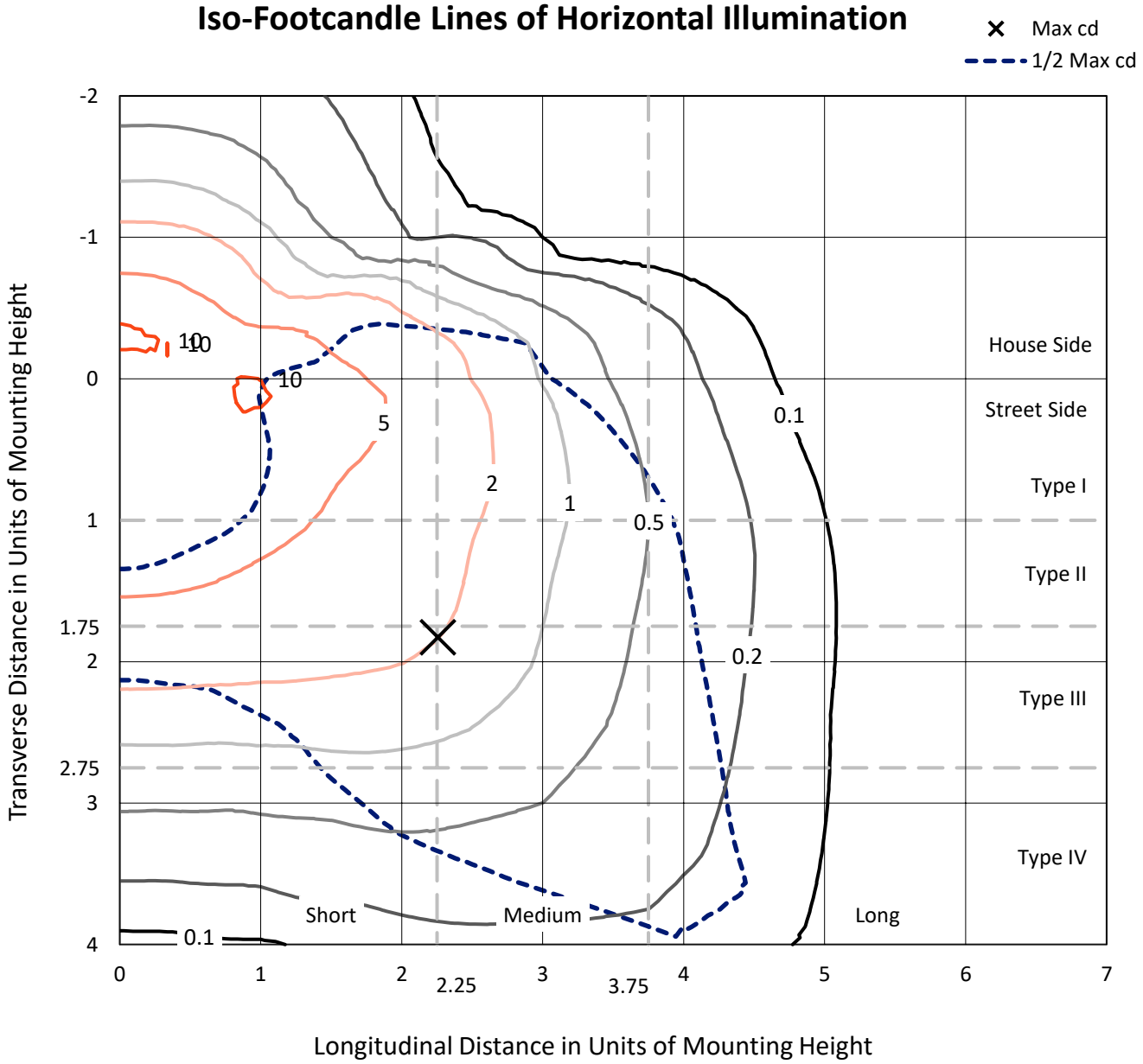
Scaled Data Report

REPORT NUMBER: P1503394
CATALOG NUMBER: PRV-P-PB2C-727-U-T4RE

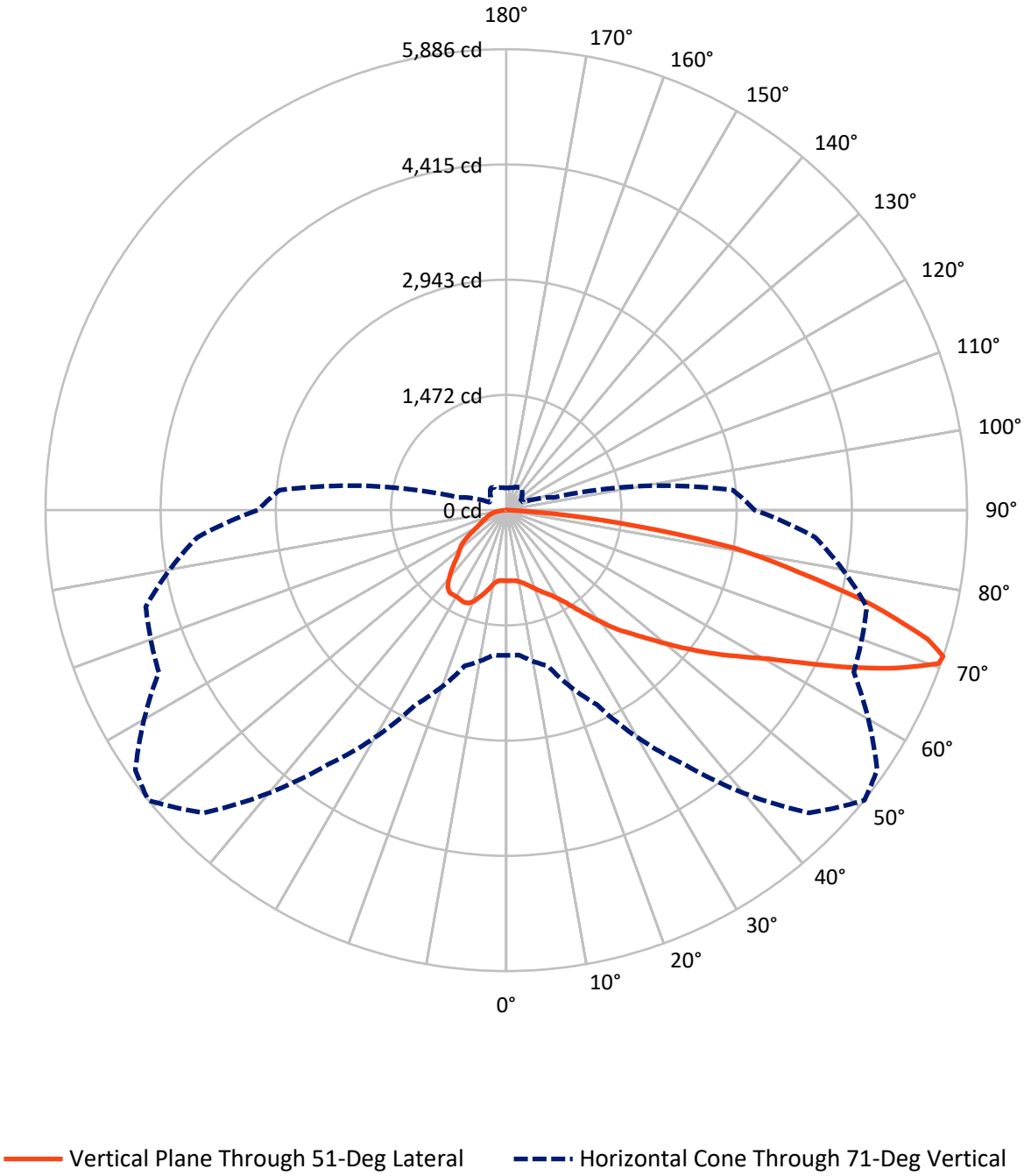
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 10.4 fc
Type IV - Medium - N/A

REPORT NUMBER: P1503394
CATALOG NUMBER: PRV-P-PB2C-727-U-T4RE

Luminous Intensity Polar Plot



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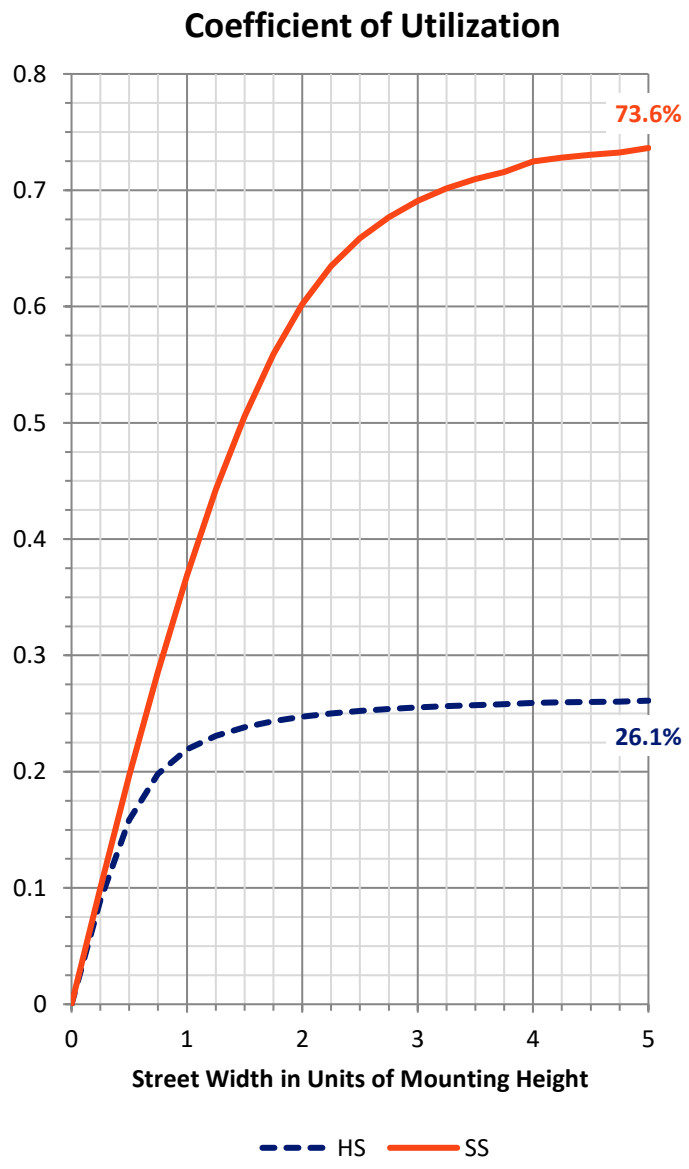
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2547.7	0.0	2547.7
	% Fixture	26.3	0.0	26.3
Street Side	Lumens	7154.9	0.0	7154.9
	% Fixture	73.7	0.0	73.7
Total	Lumens	9702.6	0.0	9702.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.8	0.9
10°-20°	299.7	3.1
20°-30°	569.7	5.9
30°-40°	908.4	9.4
40°-50°	1414.9	14.6
50°-60°	1983.7	20.4
60°-70°	2514.0	25.9
70°-80°	1711.0	17.6
80°-90°	213.4	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°	9702.6	100.0
0°-180°	9702.6	100.0



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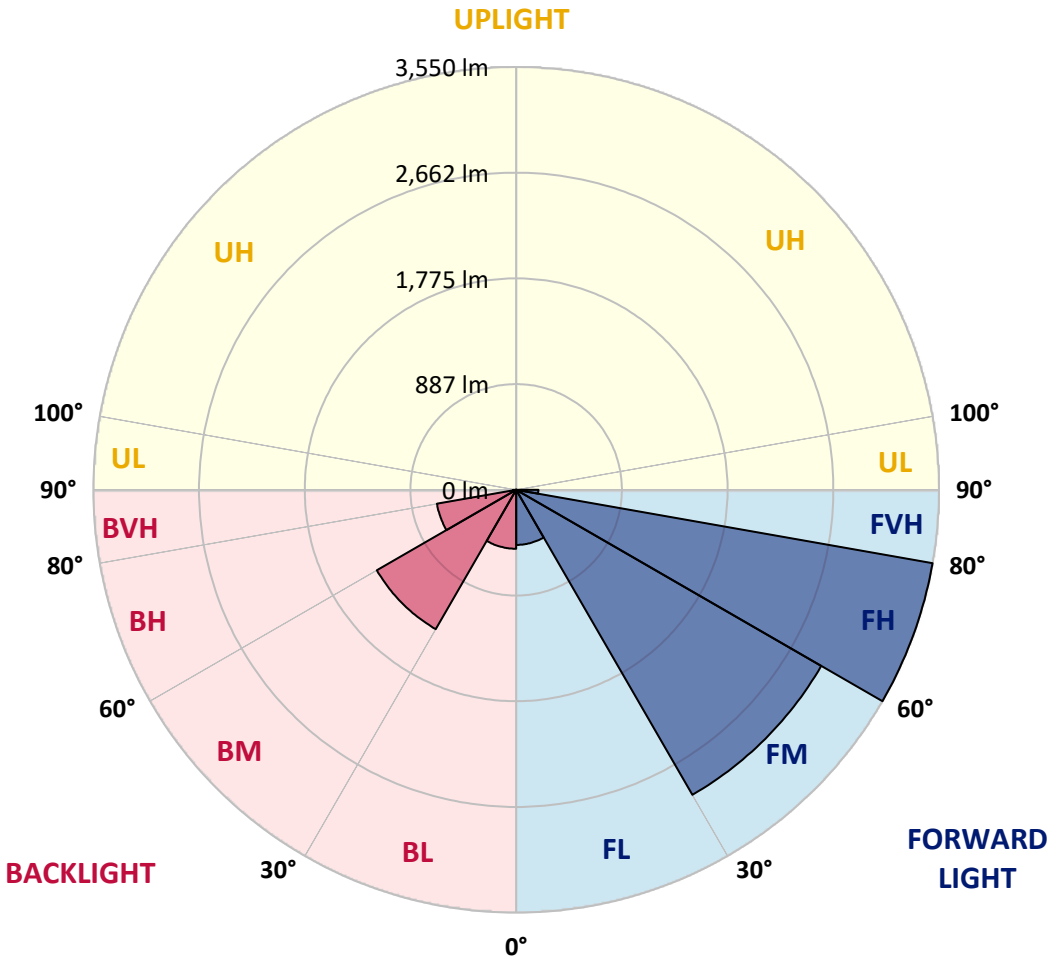
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	462.3	4.8			
FM	(30°-60°)	2956.6	30.5			
FH	(60°-80°)	3549.7	36.6			G2/5000
FVH	(80°-90°)	186.3	1.9			G2/225
BL	(0°-30°)	495.0	5.1	B1/500		
BM	(30°-60°)	1350.3	13.9	B2/2500		
BH	(60°-80°)	675.4	7.0	B2/1000		G2/1000
BVH	(80°-90°)	27.0	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



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CATALOG NUMBER: PRV-P-PB2C-727-U-T4RE

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	51°	55°	65°	75°	85°
0°	903.4	903.4	903.4	903.4	903.4	903.4	*903.4*	903.4	903.4	903.4	903.4
2.5°	903.4	901.3	903.4	907.5	907.5	903.4	*903.4*	903.4	901.3	903.4	905.4
5°	909.6	909.6	909.6	913.7	911.7	905.4	*905.4*	905.4	903.4	903.4	905.4
7.5°	934.4	932.4	932.4	928.2	922.0	915.8	*911.7*	911.7	907.5	907.5	909.6
10°	975.9	971.7	965.5	959.3	949.0	936.5	*928.2*	924.1	917.9	915.8	919.9
12.5°	1013.2	1013.2	1004.9	996.6	984.2	967.6	*953.1*	949.0	936.5	932.4	940.7
15°	1044.3	1044.3	1040.1	1031.8	1021.5	1004.9	*988.3*	982.1	967.6	959.3	971.7
17.5°	1062.9	1062.9	1060.8	1060.8	1056.7	1040.1	*1027.7*	1021.5	1002.8	994.5	1013.2
20°	1085.7	1087.8	1087.8	1089.8	1089.8	1081.6	*1075.3*	1069.1	1050.5	1044.3	1062.9
22.5°	1120.9	1120.9	1120.9	1127.1	1125.1	1125.1	*1123.0*	1116.8	1104.3	1094.0	1116.8
25°	1164.4	1164.4	1162.4	1172.7	1174.8	1176.9	*1176.9*	1174.8	1168.6	1152.0	1183.1
27.5°	1237.0	1239.0	1232.8	1230.7	1230.7	1239.0	*1232.8*	1241.1	1237.0	1230.7	1272.2
30°	1336.4	1328.1	1321.9	1311.5	1307.4	1313.6	*1311.5*	1313.6	1313.6	1313.6	1388.2
32.5°	1452.4	1446.2	1440.0	1421.4	1408.9	1408.9	*1413.1*	1415.1	1415.1	1427.6	1518.7
35°	1603.7	1597.5	1595.4	1572.6	1545.7	1541.5	*1549.8*	1554.0	1570.5	1609.9	1703.1
37.5°	1765.3	1765.3	1761.2	1744.6	1707.3	1694.9	*1705.2*	1721.8	1761.2	1864.8	1955.9
40°	1976.6	1966.3	1953.8	1931.1	1875.1	1868.9	*1883.4*	1904.1	1976.6	2175.5	2328.9
42.5°	2190.1	2185.9	2181.8	2169.3	2076.1	2057.4	*2080.2*	2101.0	2227.3	2509.1	2664.5
45°	2376.5	2391.0	2368.2	2351.7	2250.1	2223.2	*2254.3*	2293.6	2488.4	2782.6	2994.0
47.5°	2604.4	2594.1	2565.1	2542.3	2449.0	2418.0	*2453.2*	2513.3	2730.8	3031.3	3271.6
50°	2772.3	2772.3	2753.6	2755.7	2660.4	2652.1	*2695.6*	2768.1	2954.6	3294.4	3547.2
52.5°	2884.2	2880.0	2900.7	2931.8	2880.0	2896.6	*2956.7*	3020.9	3190.8	3514.0	3762.7
55°	3004.3	3006.4	3035.4	3093.4	3105.9	3145.2	*3238.5*	3296.5	3427.0	3752.3	3980.2
57.5°	3120.4	3126.6	3199.1	3271.6	3315.1	3420.8	*3524.4*	3578.3	3663.2	4000.9	4230.9
60°	3230.2	3236.4	3317.2	3499.5	3611.4	3779.2	*3849.7*	3889.0	3920.1	4317.9	4653.6
62.5°	3238.5	3240.5	3377.3	3683.9	3940.8	4222.6	*4301.4*	4305.5	4293.1	4833.9	5126.0
65°	2913.2	2921.4	3155.6	3677.7	4257.9	4761.3	*4840.1*	4796.6	4726.1	5260.7	5177.8
67.5°	2318.5	2380.7	2604.4	3331.7	4336.6	5264.8	*5380.9*	5337.3	5036.9	5260.7	4883.6
70°	1960.1	1984.9	2175.5	2851.0	4108.7	5503.1	*5861.5*	5772.5	5026.5	4993.4	4274.4
71°	*1854.4*	*1856.5*	*2059.5*	*2739.1*	*3961.6*	*5467.9*	*5886.4*	*5784.9*	*4898.1*	*4767.6*	*3959.5*
72.5°	1527.0	1537.4	1794.3	2585.8	3862.1	5248.2	*5627.4*	5550.8	4597.7	4353.2	3414.6
75°	777.0	797.7	1089.8	1980.8	3516.1	4601.8	*4819.4*	4848.4	4000.9	3503.7	2513.3
77.5°	277.6	288.0	428.9	1065.0	2465.6	3932.6	*3833.1*	3756.4	2958.7	2366.2	1456.6
80°	147.1	147.1	165.8	314.9	1230.7	2853.1	*2977.4*	2567.1	1705.2	1137.5	629.9
82.5°	103.6	107.7	114.0	132.6	416.5	1607.8	*1690.7*	1527.0	721.0	385.4	145.0
85°	51.8	51.8	58.0	64.2	84.9	472.4	*602.9*	503.5	192.7	95.3	53.9
87.5°	2.1	2.1	2.1	4.1	8.3	16.6	*20.7*	14.5	10.4	6.2	4.1
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: P1503394
CATALOG NUMBER: PRV-P-PB2C-727-U-T4RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	903.4	903.4	903.4	903.4	903.4	903.4	903.4	903.4	903.4	903.4	903.4
2.5°	903.4	903.4	903.4	903.4	903.4	901.3	901.3	899.2	901.3	905.4	903.4
5°	903.4	905.4	903.4	903.4	901.3	897.2	895.1	899.2	903.4	903.4	905.4
7.5°	909.6	911.7	909.6	907.5	911.7	913.7	917.9	928.2	934.4	942.7	942.7
10°	922.0	924.1	926.2	930.3	942.7	961.4	980.0	994.5	1007.0	1015.3	1009.0
12.5°	942.7	951.0	961.4	978.0	1009.0	1031.8	1046.3	1069.1	1087.8	1085.7	1096.1
15°	982.1	990.4	1013.2	1046.3	1079.5	1102.3	1127.1	1154.1	1166.5	1174.8	1174.8
17.5°	1027.7	1042.2	1083.6	1123.0	1149.9	1176.9	1199.7	1214.2	1218.3	1220.4	1222.4
20°	1079.5	1104.3	1164.4	1199.7	1228.7	1245.2	1243.2	1241.1	1232.8	1230.7	1237.0
22.5°	1147.9	1185.2	1245.2	1274.2	1284.6	1276.3	1255.6	1239.0	1226.6	1224.5	1226.6
25°	1228.7	1278.4	1332.3	1330.2	1307.4	1274.2	1251.5	1241.1	1230.7	1230.7	1234.9
27.5°	1324.0	1373.7	1408.9	1357.1	1299.1	1266.0	1259.7	1259.7	1243.2	1237.0	1241.1
30°	1435.9	1477.3	1464.9	1346.8	1274.2	1274.2	1272.2	1255.6	1222.4	1205.9	1207.9
32.5°	1564.3	1583.0	1493.9	1311.5	1272.2	1282.5	1251.5	1199.7	1152.0	1133.4	1137.5
35°	1721.8	1709.4	1500.1	1290.8	1290.8	1257.7	1176.9	1114.7	1069.1	1044.3	1040.1
37.5°	1935.2	1848.2	1493.9	1305.3	1286.7	1170.7	1073.3	1019.4	971.7	938.6	940.7
40°	2241.8	2020.2	1504.2	1332.3	1216.2	1065.0	978.0	932.4	903.4	870.2	872.3
42.5°	2558.9	2237.7	1583.0	1336.4	1106.4	965.5	907.5	890.9	859.9	826.7	820.5
45°	2819.9	2434.5	1786.0	1276.3	984.2	882.7	872.3	853.6	810.1	760.4	756.3
47.5°	3052.0	2581.6	2042.9	1149.9	847.4	841.2	835.0	799.8	743.8	685.8	681.7
50°	3232.2	2699.7	2237.7	1011.1	768.7	806.0	777.0	719.0	646.4	590.5	584.3
52.5°	3379.3	2805.4	2347.5	866.1	716.9	741.8	683.7	623.7	580.1	538.7	534.6
55°	3518.2	2950.5	2418.0	758.3	640.2	636.1	584.3	561.5	538.7	501.4	493.1
57.5°	3704.6	3172.2	2554.7	729.3	542.9	520.1	522.1	520.1	507.6	478.6	472.4
60°	4063.1	3572.0	2695.6	675.5	441.3	437.2	489.0	495.2	476.5	443.4	437.2
62.5°	4361.5	3907.7	2457.3	497.3	373.0	393.7	455.8	466.2	433.0	412.3	406.1
65°	4315.9	3955.4	1839.9	343.9	323.2	360.5	424.7	424.7	393.7	383.3	375.0
67.5°	3980.2	3657.0	1282.5	283.9	279.7	329.4	393.7	383.3	354.3	346.0	341.9
70°	3443.6	3124.5	835.0	252.8	244.5	302.5	356.4	339.8	312.9	302.5	302.5
71°	*3172.2*	*2909.0*	*631.9*	*240.3*	*232.1*	*290.1*	*343.9*	*325.3*	*296.3*	*285.9*	*283.9*
72.5°	2761.9	2438.7	431.0	223.8	219.6	273.5	321.2	304.6	273.5	256.9	250.7
75°	2007.7	1676.2	213.4	190.6	196.8	248.6	273.5	265.2	254.8	219.6	215.5
77.5°	1166.5	969.7	157.5	159.5	172.0	215.5	227.9	211.3	184.4	151.3	145.0
80°	501.4	393.7	126.4	130.5	143.0	169.9	169.9	149.2	105.7	70.4	68.4
82.5°	122.2	118.1	97.4	97.4	95.3	101.5	103.6	80.8	51.8	20.7	4.1
85°	43.5	45.6	41.4	39.4	43.5	39.4	33.2	14.5	8.3	4.1	0.0
87.5°	4.1	4.1	4.1	2.1	2.1	2.1	2.1	2.1	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

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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

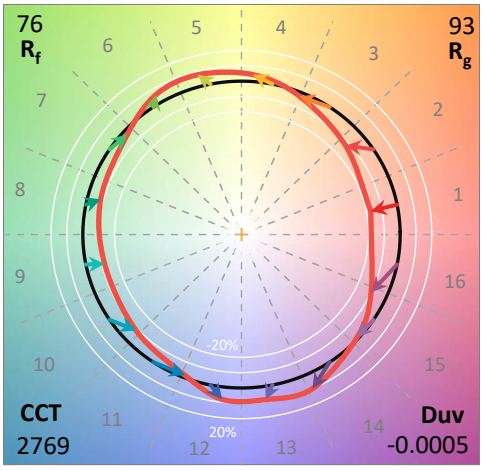
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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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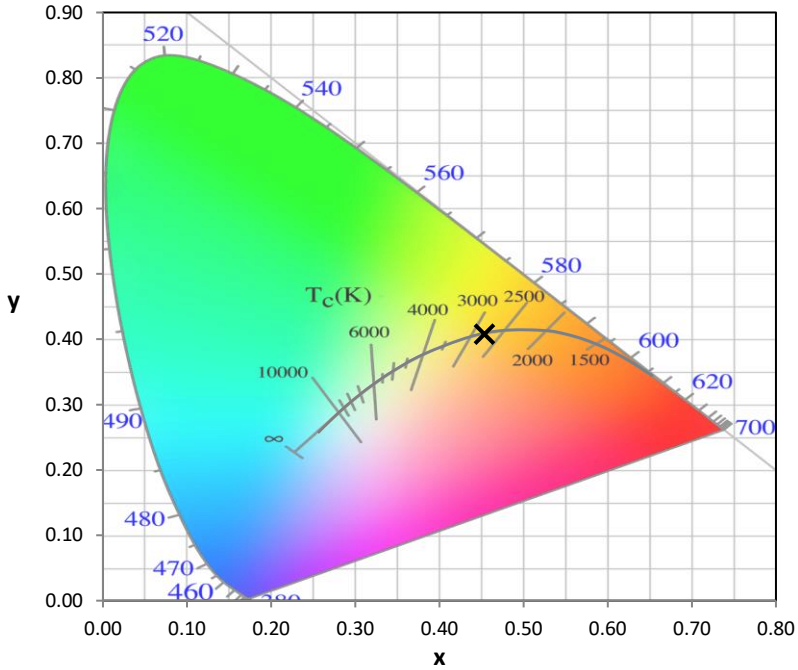
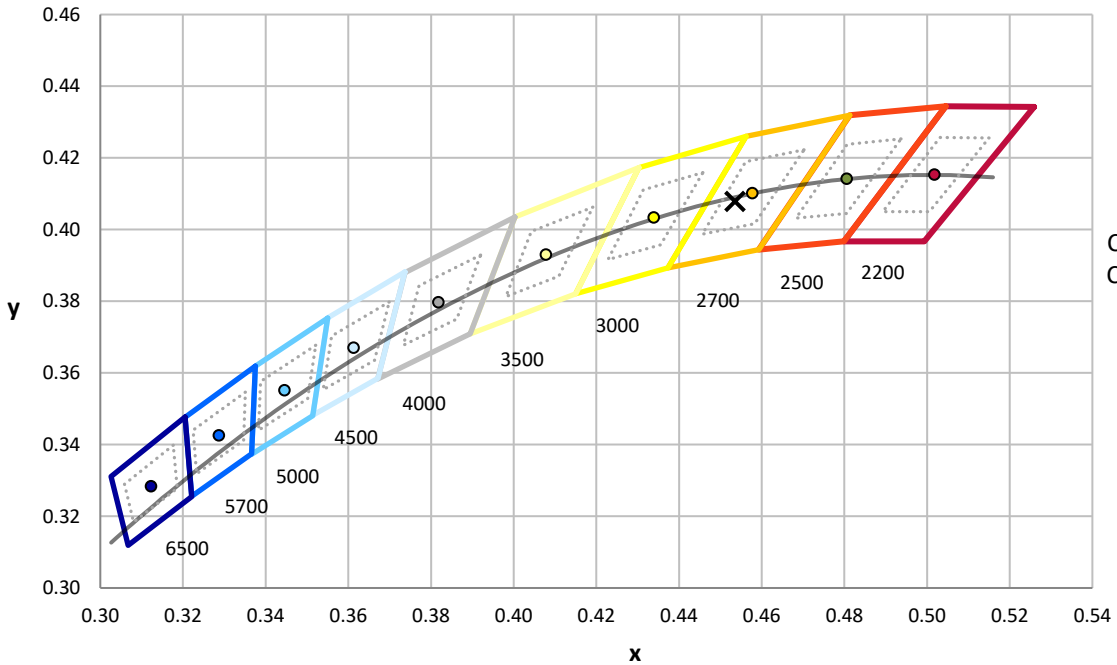
CIE 1931 Chromaticity Diagram



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

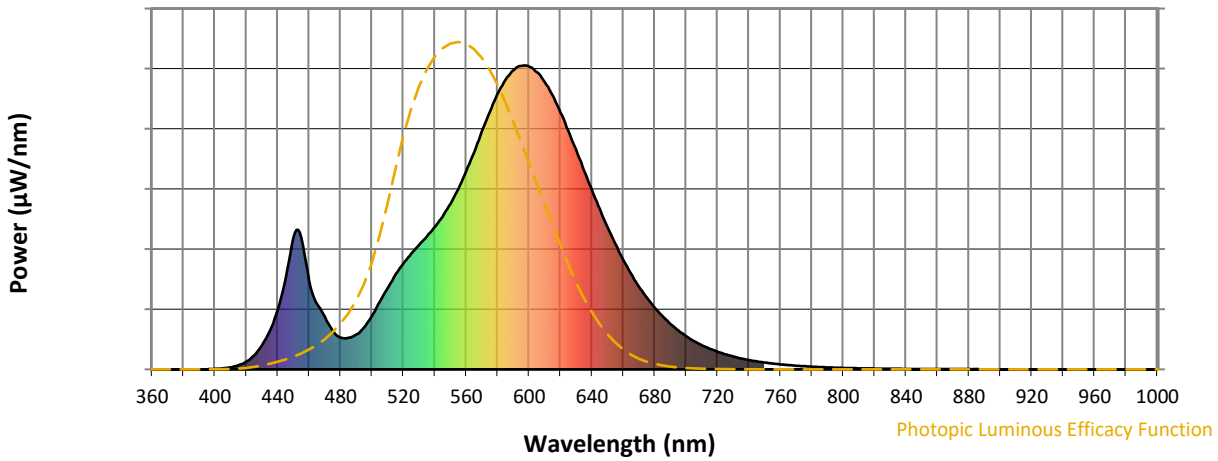


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

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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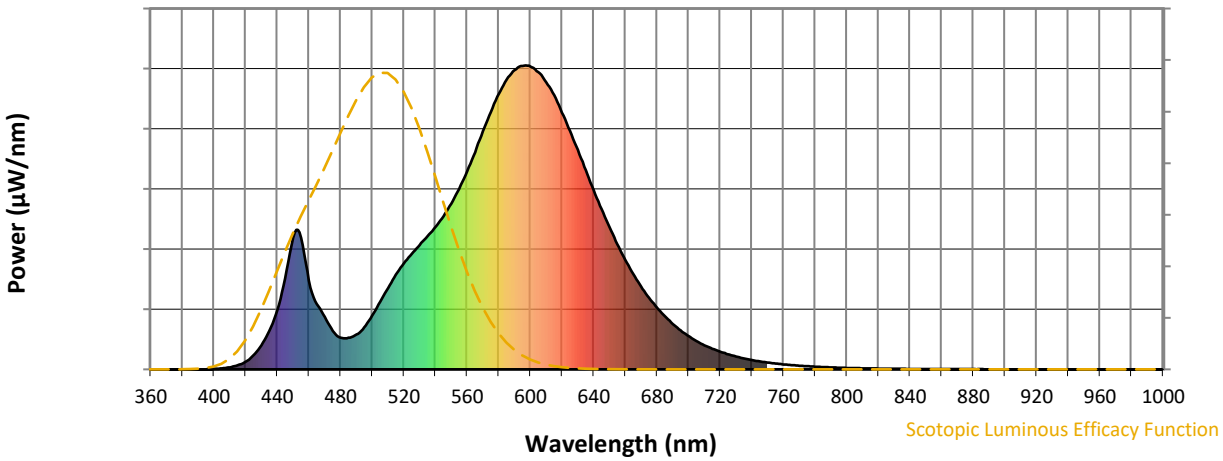
Scotopic Flux vs. Wavelength



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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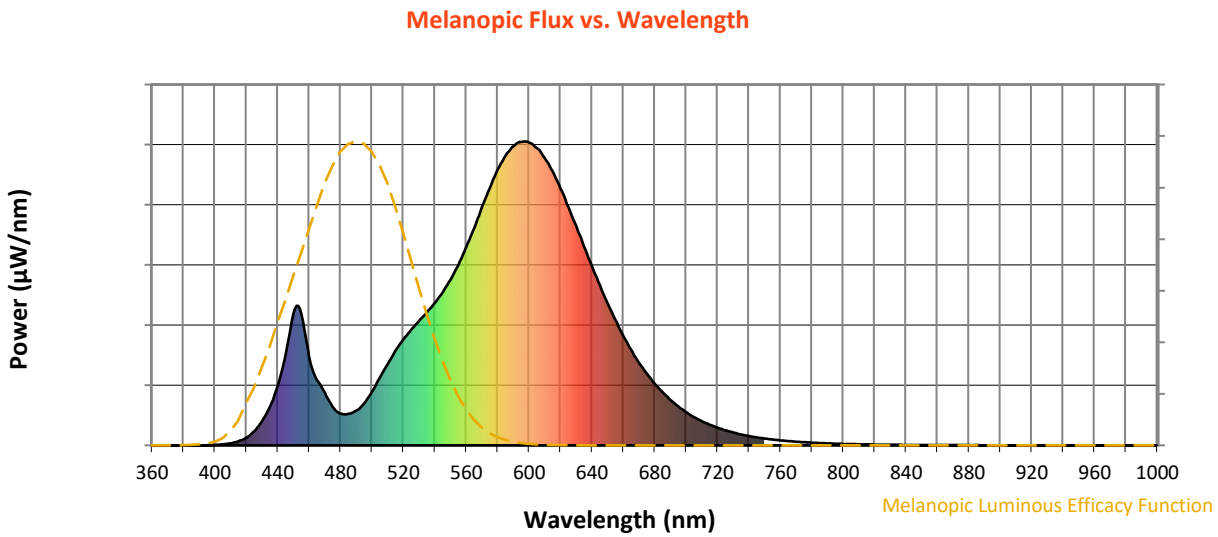

Melanopic Lumens: NR **M/P: 2.08**

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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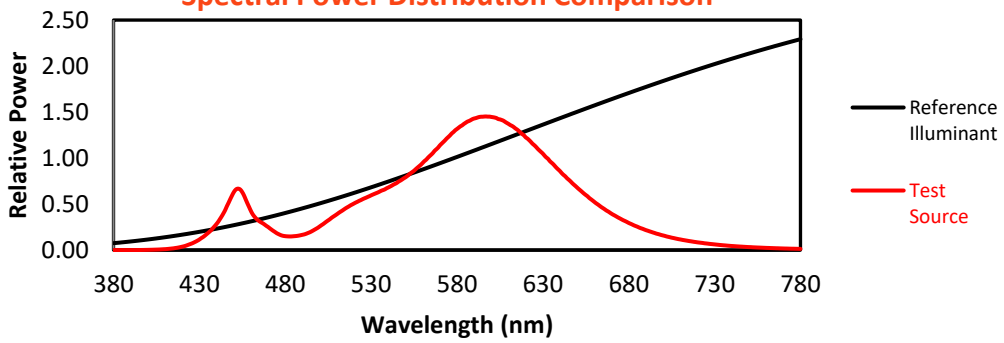
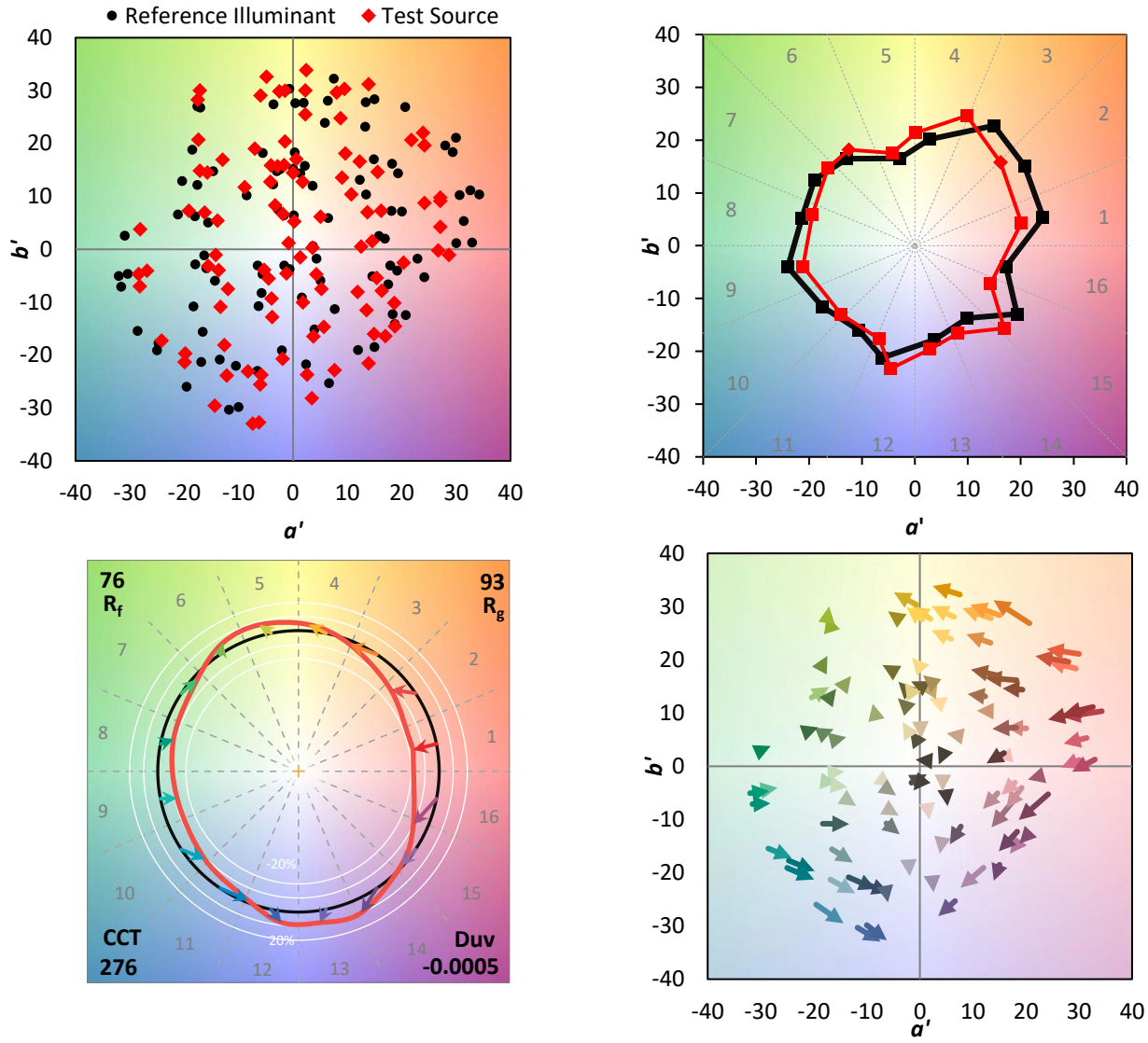
Summary

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

Spectral Power Distribution Comparison

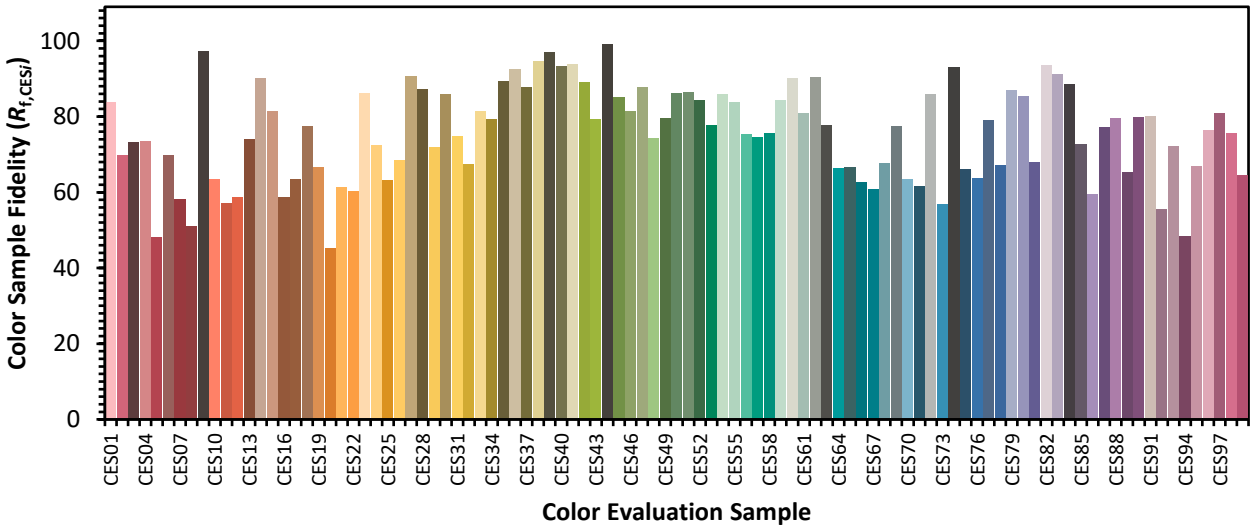


Color Vector Graphics

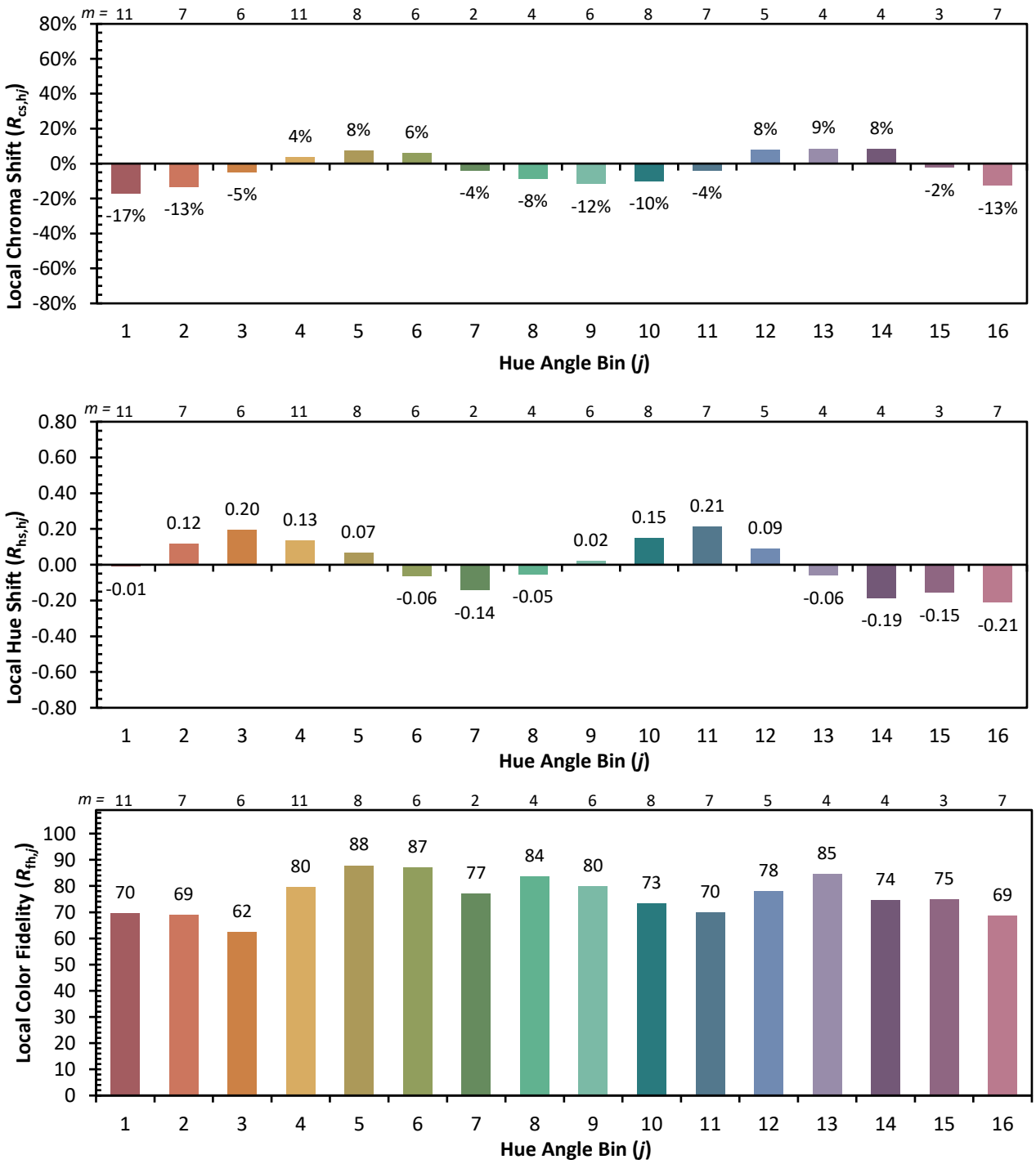


Individual Sample Fidelity Index ($R_{f,i}$)

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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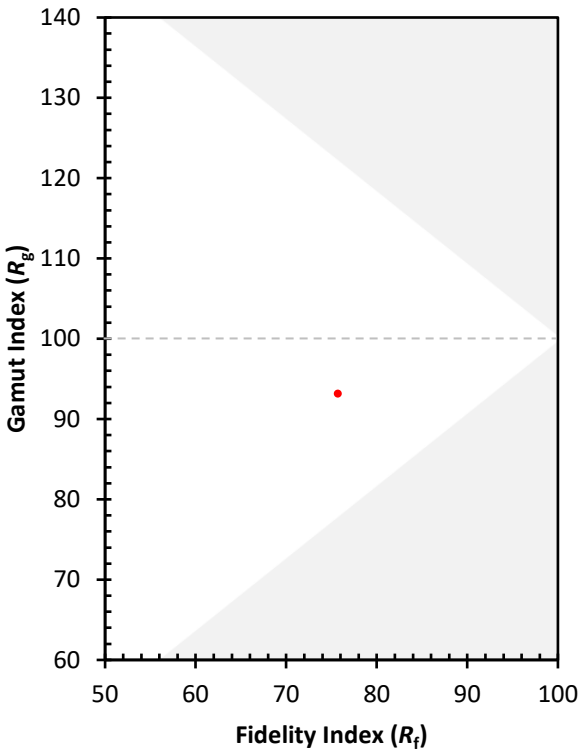
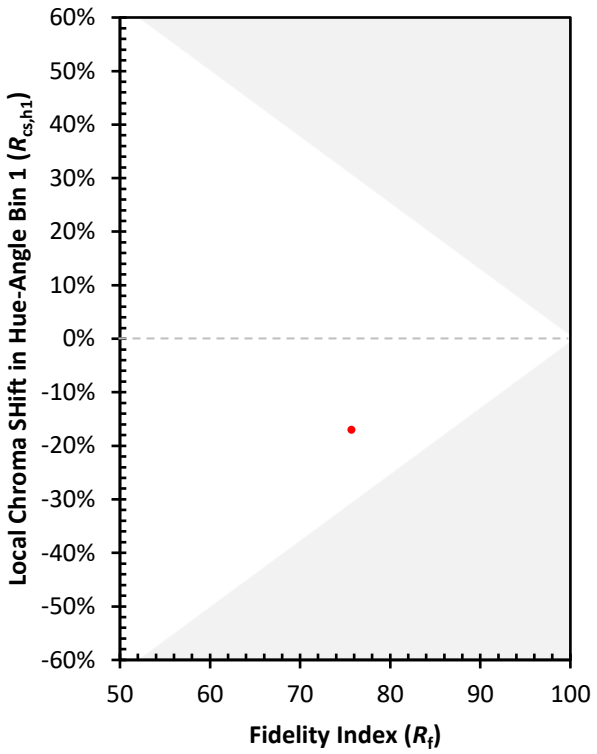
Measure Comparisons





(END OF REPORT)