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: P1460556

Luminaire Tested: PRV-PC1D-727-U-T4W

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460556
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1D-727-U-T4W
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 1170MA 70CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19419.2 lumens
Efficiency:	N/A
Efficacy:	127.8 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3
Input Watts (W):	152
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.75%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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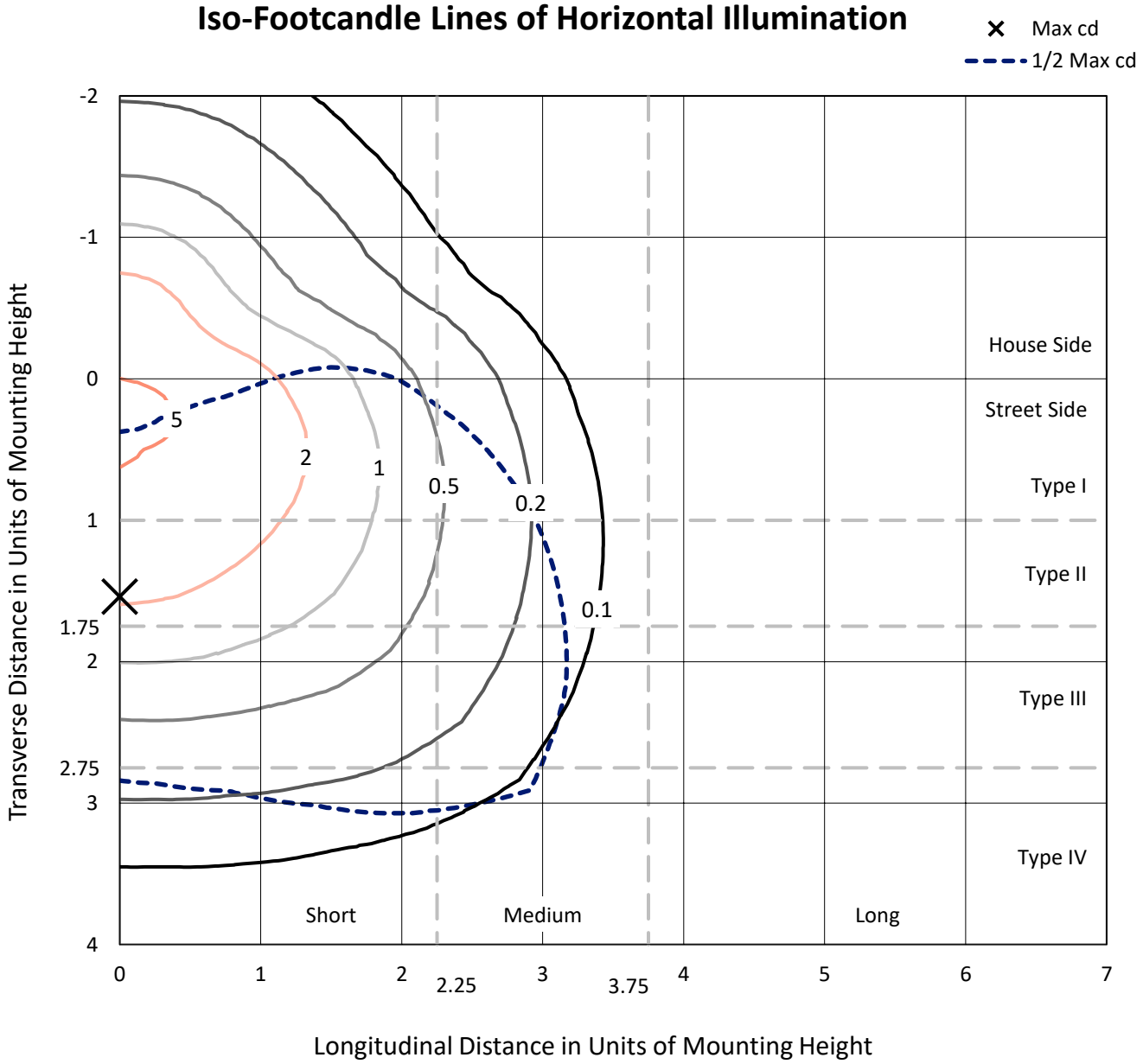
Scaled Data Report

REPORT NUMBER: P1460556
CATALOG NUMBER: PRV-PC1D-727-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 5.8 fc
Type IV - Short - N/A

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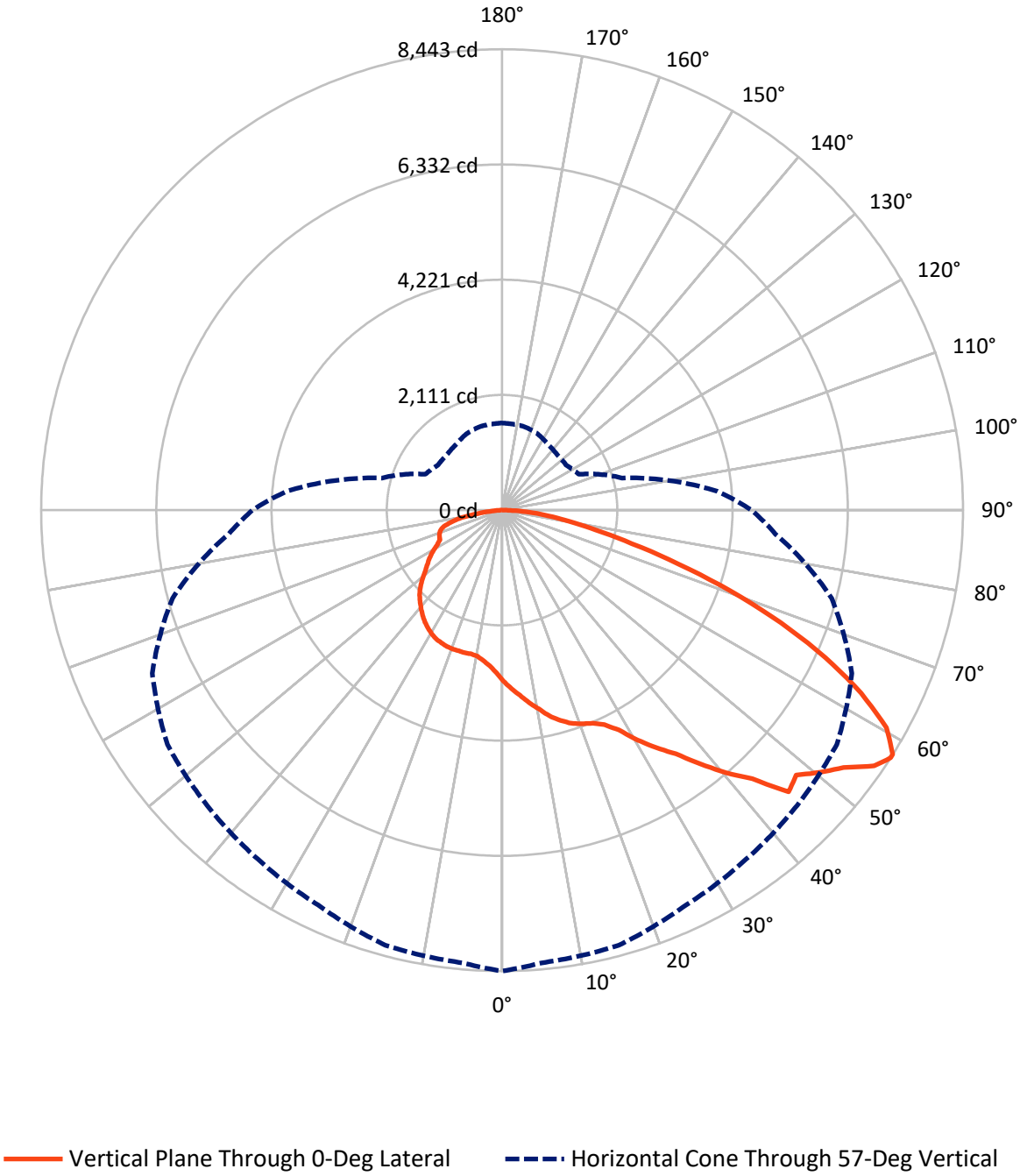
CATALOG NUMBER: PRV-PC1D-727-U-T4W

Luminous Intensity Polar Plot



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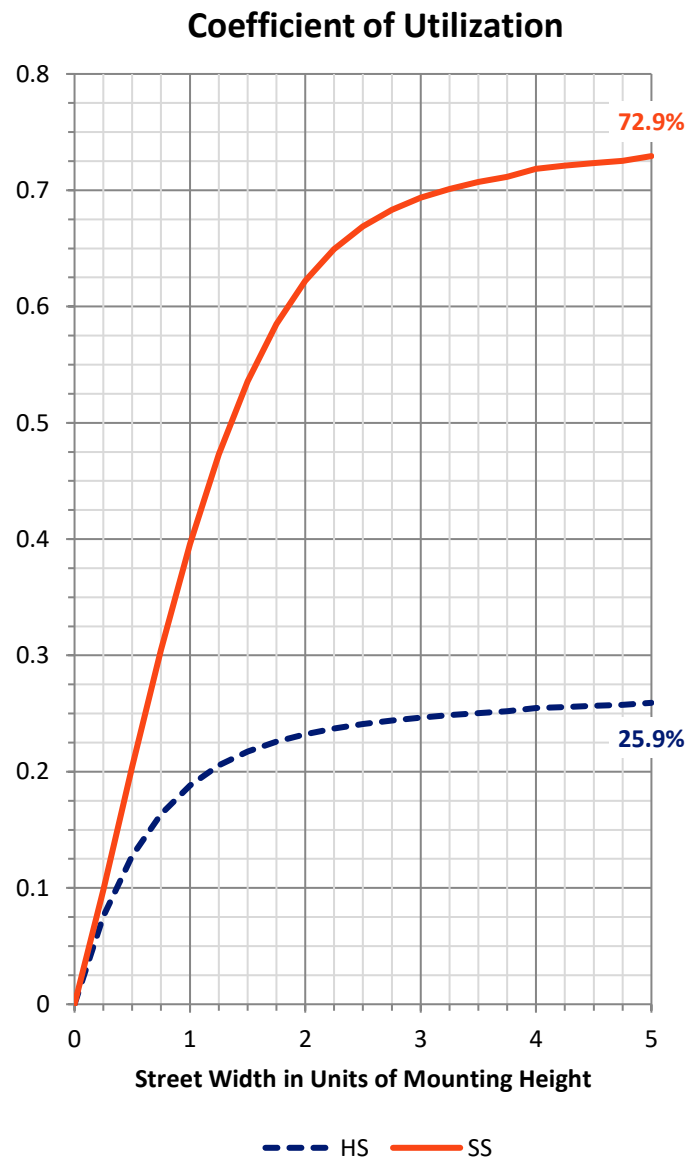
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5120.2	0.0	5120.2
	% Fixture	26.4	0.0	26.4
Street Side	Lumens	14299.1	0.0	14299.1
	% Fixture	73.6	0.0	73.6
Total	Lumens	19419.2	0.0	19419.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.2	1.5
10°-20°	925.3	4.8
20°-30°	1585.4	8.2
30°-40°	2332.7	12.0
40°-50°	3209.9	16.5
50°-60°	4050.5	20.9
60°-70°	4104.4	21.1
70°-80°	2357.1	12.1
80°-90°	553.9	2.9
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°	19419.2	100.0
0°-180°	19419.2	100.0



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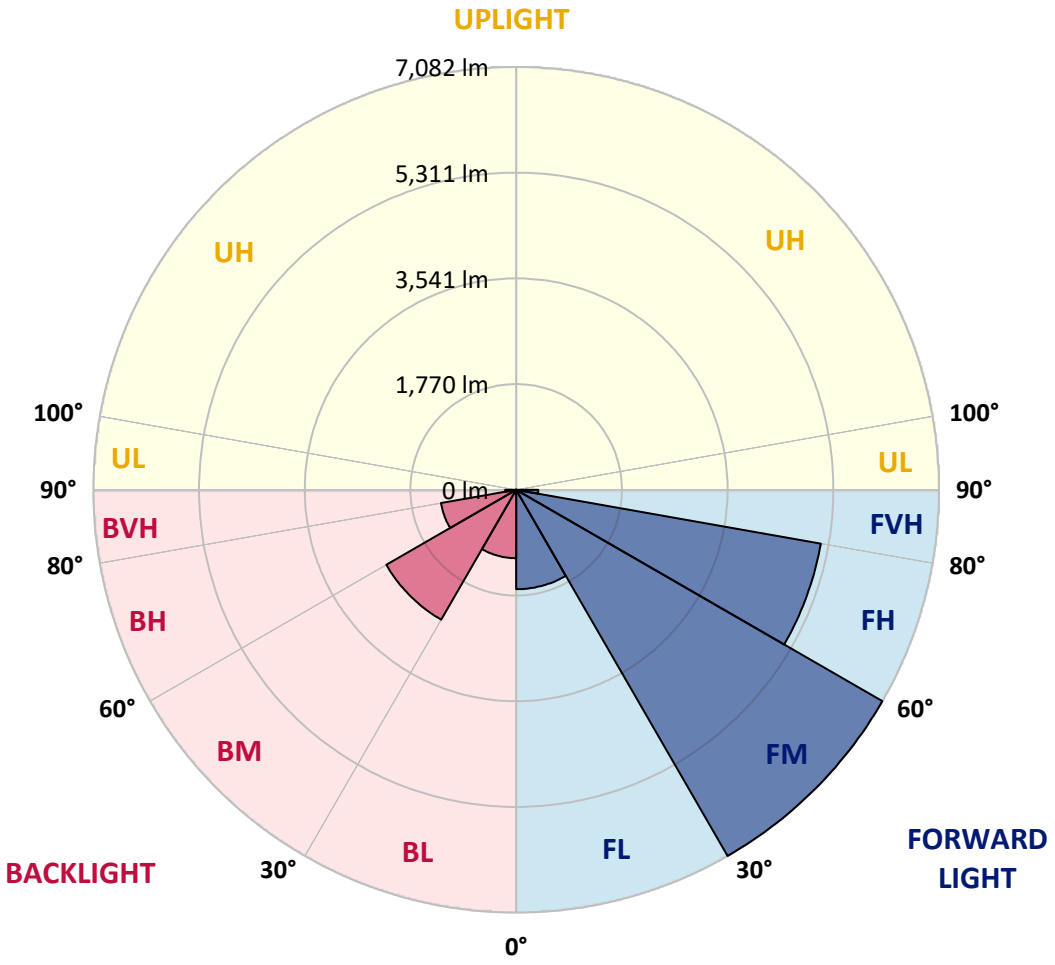
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1664.6	8.6			
FM	(30°-60°)	7081.7	36.5			
FH	(60°-80°)	5182.1	26.7			G3/7500
FVH	(80°-90°)	370.7	1.9			G3/500
BL	(0°-30°)	1146.2	5.9	B3/2500		
BM	(30°-60°)	2511.4	12.9	B3/5000		
BH	(60°-80°)	1279.4	6.6	B3/2500		G3/2500
BVH	(80°-90°)	183.2	0.9			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	*3129.8*	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8
2.5°	*3273.1*	3281.4	3274.0	3261.2	3241.0	3229.0	3222.6	3190.4	3170.2	3150.0	3131.6
5°	*3405.4*	3417.4	3414.6	3387.1	3366.8	3342.0	3302.5	3252.0	3207.9	3153.7	3126.1
7.5°	*3559.8*	3559.8	3539.6	3523.1	3478.0	3440.4	3389.8	3321.8	3247.4	3173.9	3127.0
10°	*3704.1*	3713.3	3697.6	3666.4	3613.1	3558.9	3487.2	3411.9	3306.2	3205.1	3148.1
12.5°	*3869.5*	3869.5	3852.0	3803.3	3755.5	3679.3	3593.8	3493.7	3381.5	3250.1	3177.6
15°	*3996.3*	4000.9	3988.0	3956.8	3897.1	3826.3	3708.7	3592.9	3444.0	3293.3	3202.4
17.5°	*4105.6*	4104.7	4093.7	4072.6	4039.5	3967.8	3841.0	3691.2	3517.5	3331.0	3229.9
20°	*4176.4*	4182.8	4173.6	4184.7	4163.5	4103.8	3977.9	3800.6	3600.2	3376.0	3261.2
22.5°	*4240.7*	4241.6	4249.0	4260.9	4262.8	4236.1	4132.3	3931.0	3688.5	3428.4	3290.6
25°	*4351.9*	4346.4	4347.3	4347.3	4366.6	4367.5	4282.1	4090.0	3801.5	3497.3	3340.2
27.5°	*4557.7*	4549.5	4508.1	4478.7	4478.7	4501.7	4449.3	4255.4	3926.5	3565.3	3387.1
30°	*4883.9*	4867.4	4783.8	4677.2	4639.5	4661.6	4622.1	4439.2	4057.9	3649.9	3434.8
32.5°	*5186.3*	5183.5	5102.6	4969.4	4881.2	4851.8	4816.9	4639.5	4222.3	3738.1	3503.8
35°	*5478.5*	5473.9	5388.4	5314.9	5190.9	5082.4	5009.8	4804.0	4348.2	3821.7	3566.2
37.5°	*5895.7*	5874.5	5774.4	5686.1	5502.4	5263.5	5183.5	5006.2	4533.8	3938.4	3672.8
40°	*6328.5*	6306.4	6136.4	6017.0	5822.1	5544.6	5396.7	5237.7	4715.8	4080.8	3795.1
42.5°	*6727.3*	6697.9	6526.0	6300.9	6085.9	5842.4	5659.5	5455.5	4945.5	4225.1	3915.4
45°	*7360.4*	7134.3	6928.5	6753.0	6368.0	6132.7	5944.4	5738.5	5190.9	4391.4	4059.7
47.5°	*7249.2*	7204.2	7194.1	7193.1	6650.1	6447.9	6248.5	6004.1	5439.0	4552.2	4197.5
50°	*7548.8*	7488.1	7603.0	7445.8	6920.2	6764.0	6556.3	6287.1	5688.9	4700.2	4332.6
52.5°	*7831.8*	7841.0	7810.6	7526.7	7228.1	7056.2	6890.8	6582.1	5918.6	4849.0	4450.2
55°	*8269.2*	8180.0	8090.9	7818.0	7546.0	7355.8	7240.9	6853.1	6123.5	4974.0	4534.8
57°	*8442.8*	*8323.4*	*8250.8*	*7977.9*	*7801.5*	*7645.2*	*7483.5*	*7069.1*	*6251.3*	*5027.3*	*4571.5*
57.5°	*8437.3*	8327.1	8282.0	7992.6	7843.7	7707.7	7523.0	7104.0	6265.1	5023.6	4564.2
60°	*8092.7*	8074.4	8241.6	8005.4	8003.6	7968.7	7758.3	7247.4	6297.2	4970.3	4485.1
62.5°	*7381.5*	7461.5	7796.9	7893.3	8124.0	8199.3	7863.0	7198.7	6153.9	4768.2	4282.1
65°	*6507.6*	6658.3	7071.8	7527.6	8105.6	8336.3	7841.9	6941.4	5813.9	4402.4	3899.8
67.5°	*5508.8*	5650.3	6130.9	6838.4	7793.2	8123.1	7568.1	6457.1	5259.8	3904.4	3409.1
70°	*4443.8*	4551.3	4950.1	5781.7	7024.1	7499.1	6839.4	5727.5	4489.7	3298.8	2831.1
72.5°	*3384.3*	3425.7	3799.6	4583.5	5779.9	6371.6	5689.8	4707.5	3712.4	2643.7	2277.0
75°	*2455.3*	2497.6	2814.6	3295.2	4204.0	4961.1	4433.7	3658.1	2826.5	2014.2	1746.8
77.5°	*1754.2*	1800.1	1976.6	2255.0	2876.2	3522.1	3146.3	2671.2	1949.0	1319.5	1211.1
80°	*1246.0*	1264.4	1449.1	1556.6	1867.2	2268.8	2164.0	1843.3	1247.9	882.1	810.5
82.5°	*859.2*	873.9	1029.2	1084.3	1206.5	1436.2	1436.2	1256.1	791.2	575.2	549.5
85°	*508.2*	510.9	634.0	686.4	705.7	853.7	877.5	682.7	434.6	260.0	257.3
87.5°	*189.3*	188.4	289.5	264.6	231.6	260.0	301.4	205.8	149.8	67.1	51.5
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: P1460556
CATALOG NUMBER: PRV-PC1D-727-U-T4W

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8	3129.8
2.5°	3112.3	3091.2	3077.4	3054.4	3035.1	3012.2	3005.7	2985.5	2982.7	2977.2
5°	3097.6	3048.0	3000.2	2957.9	2927.6	2898.2	2882.6	2864.2	2853.2	2859.6
7.5°	3093.9	3018.6	2941.4	2885.3	2841.2	2797.1	2779.7	2770.5	2770.5	2779.7
10°	3100.4	2994.7	2898.2	2820.1	2765.0	2725.5	2707.1	2699.7	2710.8	2714.4
12.5°	3112.3	2983.7	2866.0	2771.4	2711.7	2670.3	2666.6	2672.2	2686.9	2693.3
15°	3119.7	2962.5	2824.7	2716.3	2663.9	2641.8	2638.2	2658.4	2689.6	2699.7
17.5°	3138.0	2938.6	2771.4	2668.5	2620.7	2617.9	2629.0	2650.1	2689.6	2697.0
20°	3137.1	2906.5	2719.0	2609.7	2586.7	2595.9	2617.0	2645.5	2685.9	2698.8
22.5°	3153.7	2867.9	2662.1	2550.9	2540.8	2572.0	2603.2	2630.8	2679.5	2694.2
25°	3176.6	2835.7	2595.0	2487.5	2491.1	2531.6	2577.5	2612.4	2660.2	2673.1
27.5°	3199.6	2805.4	2523.3	2409.4	2416.7	2474.6	2545.4	2583.9	2629.0	2651.9
30°	3228.1	2771.4	2447.9	2323.0	2333.1	2402.9	2482.9	2535.2	2585.8	2606.9
32.5°	3260.3	2742.9	2371.7	2231.1	2233.8	2323.0	2428.6	2487.5	2527.9	2552.7
35°	3301.6	2719.9	2297.2	2130.0	2130.9	2230.2	2358.8	2428.6	2464.5	2492.1
37.5°	3385.2	2714.4	2228.3	2034.4	2031.7	2150.2	2282.5	2362.5	2392.8	2415.8
40°	3479.0	2710.8	2155.7	1938.9	1939.8	2063.8	2203.5	2287.1	2309.2	2331.2
42.5°	3581.9	2701.6	2078.5	1849.7	1855.3	1983.0	2127.3	2208.1	2225.6	2244.0
45°	3685.7	2682.3	1988.5	1767.0	1771.6	1904.0	2041.8	2120.8	2134.6	2153.9
47.5°	3784.9	2642.8	1904.0	1688.0	1708.2	1821.3	1945.3	2010.6	2018.8	2040.9
50°	3876.8	2586.7	1816.7	1624.6	1635.6	1731.2	1839.6	1889.3	1894.8	1904.9
52.5°	3952.2	2504.9	1717.4	1556.6	1564.9	1638.4	1734.0	1776.2	1771.6	1777.2
55°	3978.8	2390.1	1624.6	1487.7	1486.8	1540.1	1628.3	1676.1	1669.6	1667.8
57°	*3958.6*	*2275.2*	*1552.9*	*1434.4*	*1430.7*	*1467.5*	*1541.9*	*1583.3*	*1589.7*	*1595.2*
57.5°	3939.3	2246.7	1530.9	1420.6	1416.0	1450.0	1521.7	1561.2	1571.3	1570.4
60°	3790.5	2065.7	1436.2	1360.0	1340.7	1363.6	1423.4	1454.6	1454.6	1462.0
62.5°	3520.3	1863.5	1354.5	1289.2	1253.4	1280.0	1328.7	1352.6	1336.1	1340.7
65°	3137.1	1657.7	1272.7	1212.0	1166.1	1199.2	1246.9	1277.3	1262.6	1259.8
67.5°	2697.0	1467.5	1185.4	1122.9	1089.8	1122.9	1183.5	1245.1	1246.0	1245.1
70°	2234.8	1301.2	1091.7	1031.0	1002.5	1043.9	1129.3	1221.2	1226.7	1222.1
72.5°	1805.6	1156.9	992.4	937.3	914.3	968.5	1069.6	1176.2	1183.5	1186.3
75°	1426.1	1025.5	880.3	839.9	827.9	884.0	997.0	1109.1	1094.4	1103.6
77.5°	1019.1	869.3	761.8	734.2	728.7	771.0	881.2	956.6	935.4	934.5
80°	727.8	714.9	639.6	623.9	613.8	644.1	725.0	793.9	772.8	756.3
82.5°	562.4	560.5	523.8	475.1	465.0	521.0	589.9	618.4	449.3	453.9
85°	339.1	353.8	312.4	315.2	339.1	373.1	410.7	429.1	215.0	170.0
87.5°	79.0	81.8	97.4	118.5	123.1	144.3	197.6	237.1	95.6	78.1
90°	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

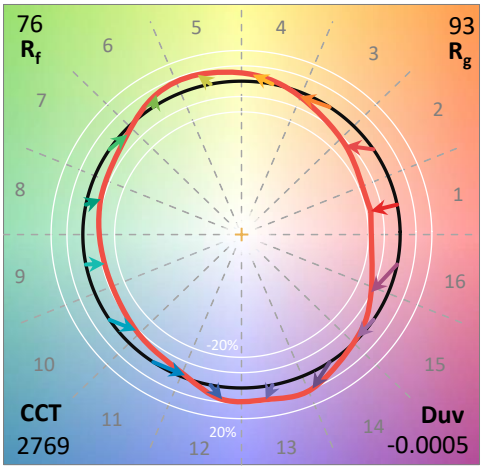
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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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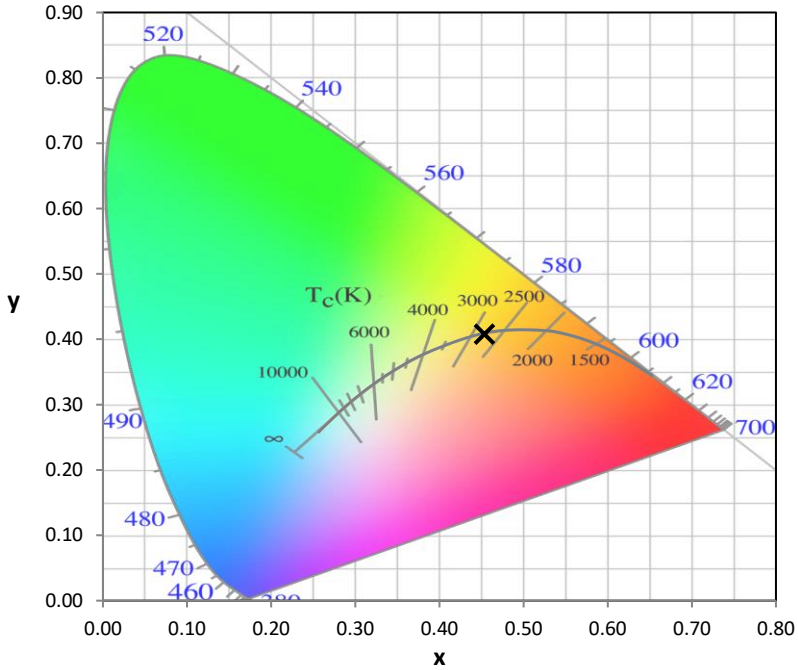
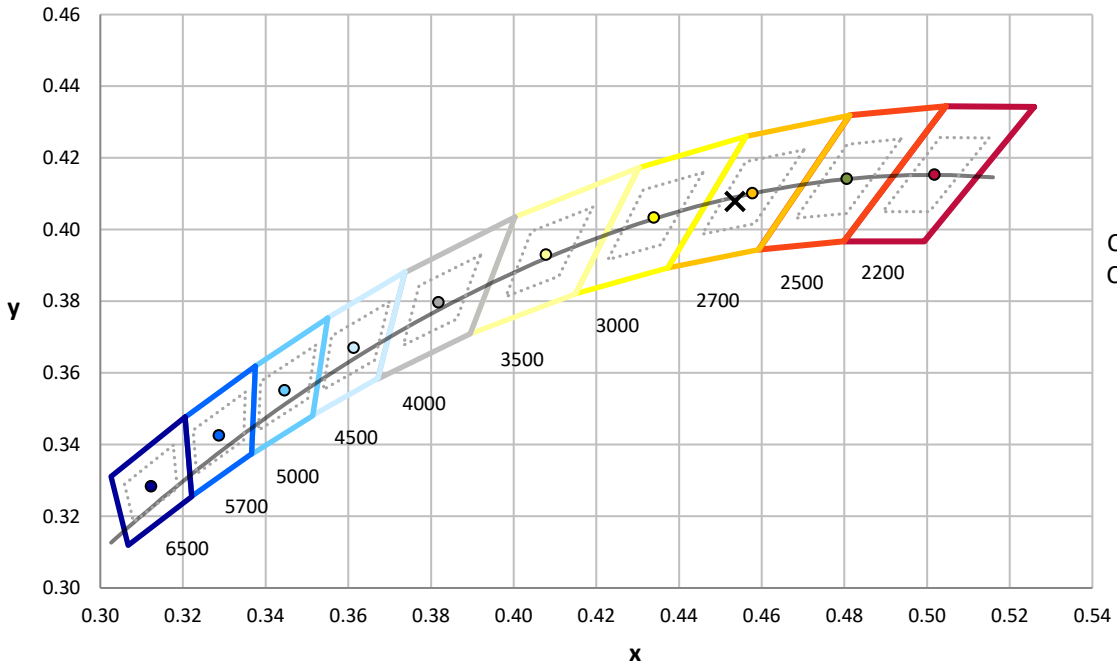
CIE 1931 Chromaticity Diagram



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

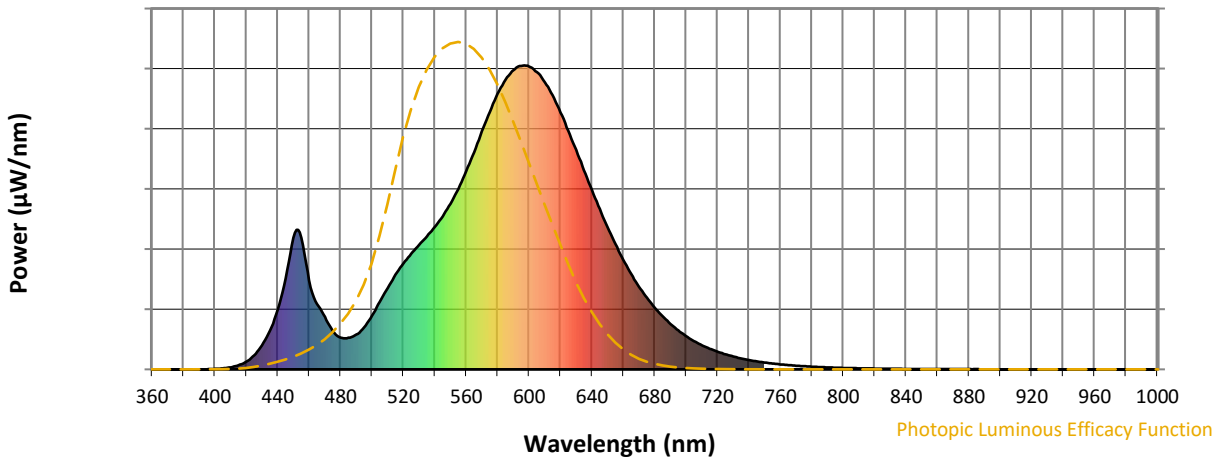


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

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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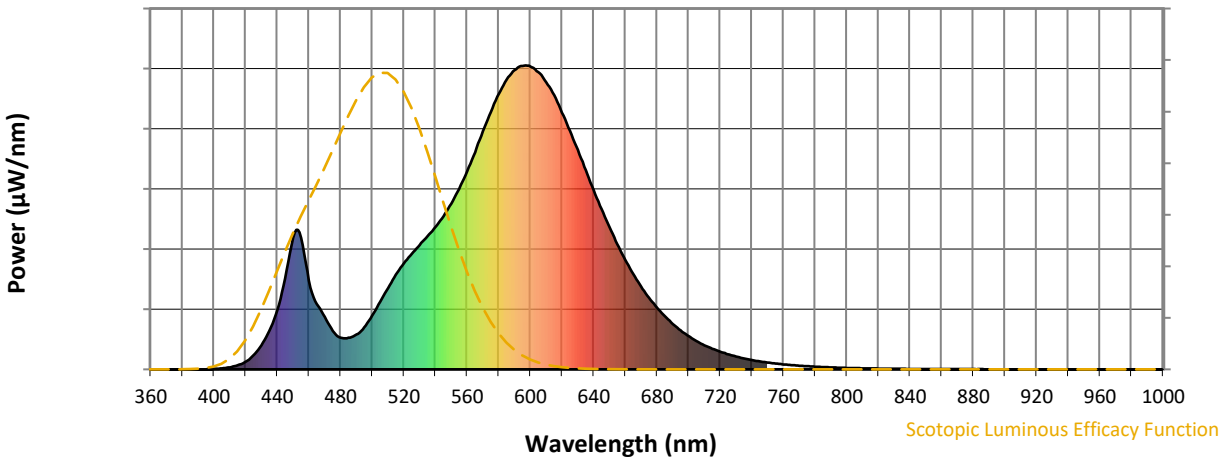
Scotopic Flux vs. Wavelength



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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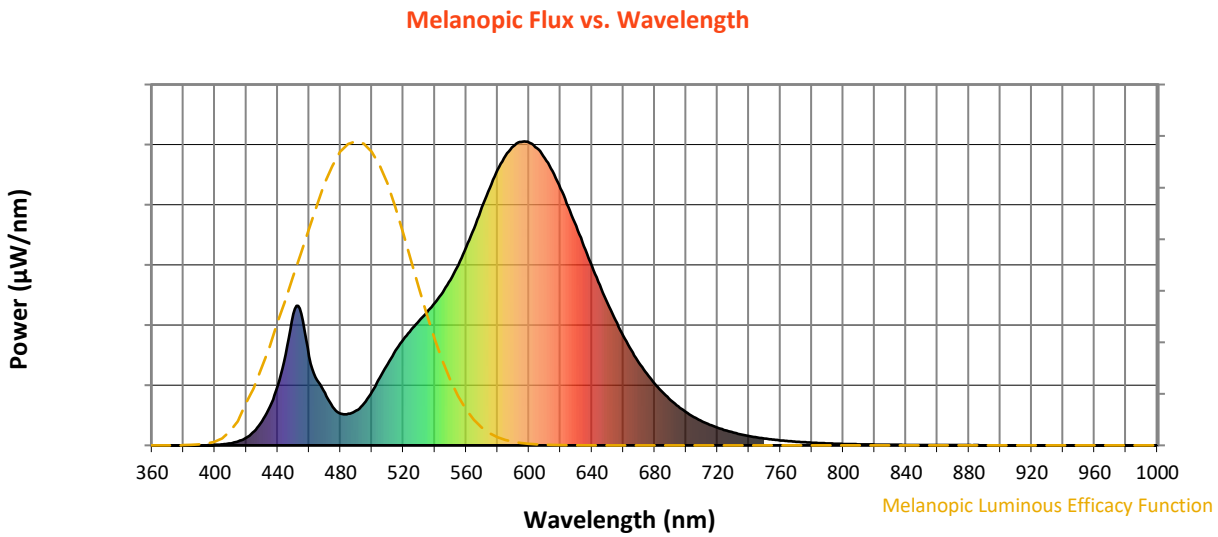

Melanopic Lumens: NR **M/P: 2.08**

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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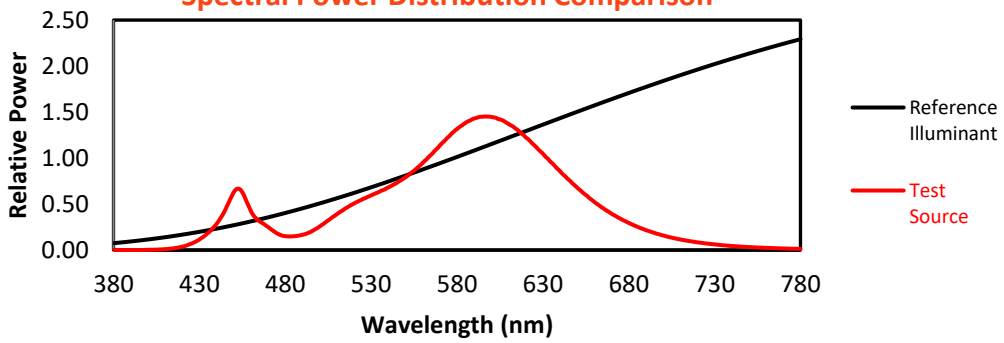
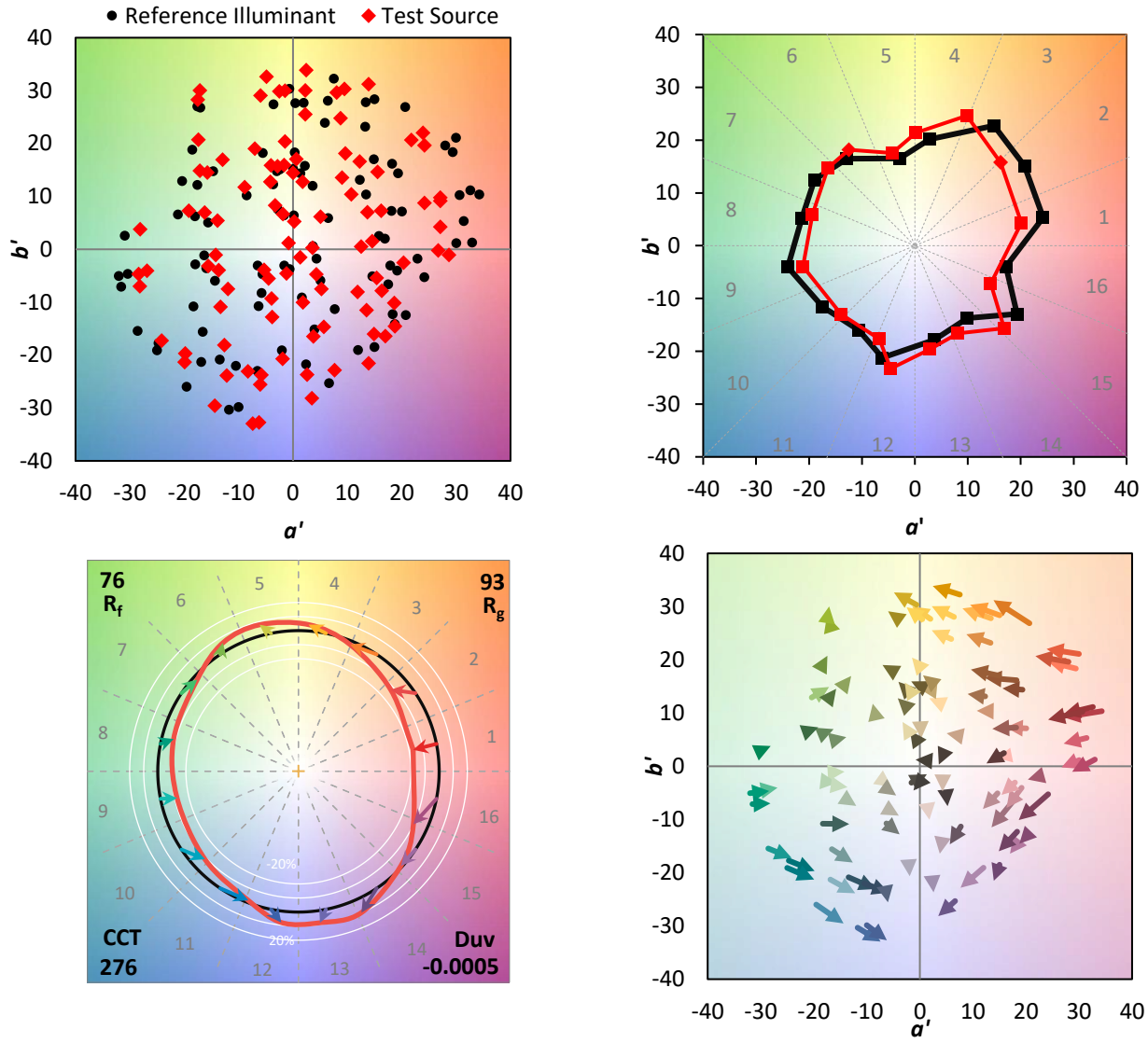
Summary

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

Spectral Power Distribution Comparison

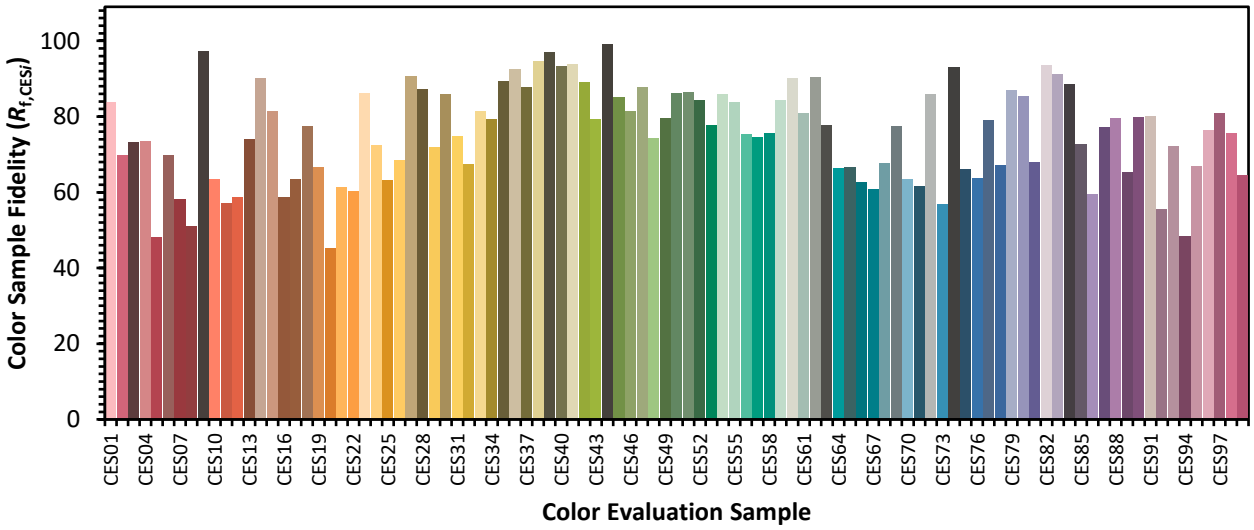


Color Vector Graphics

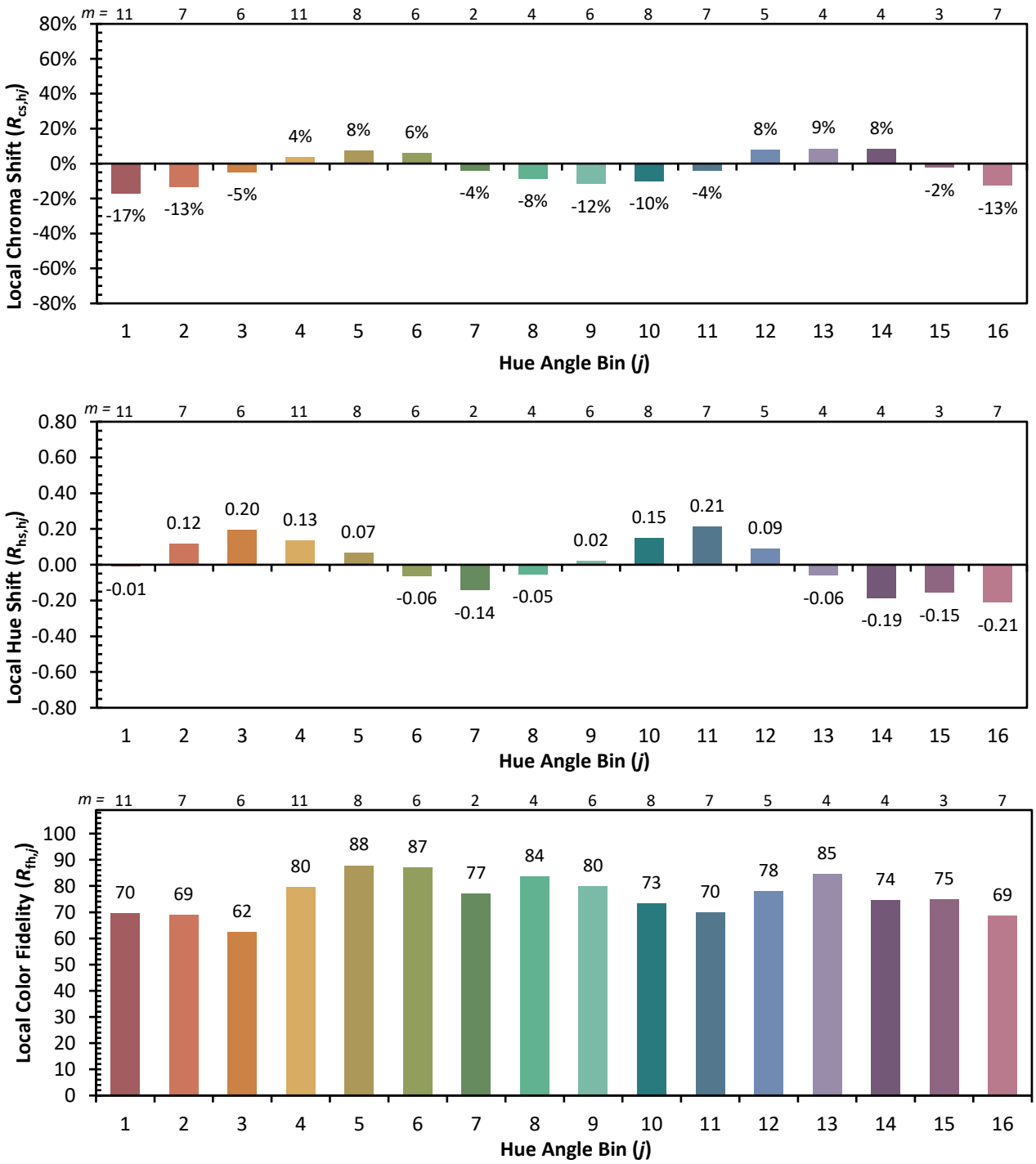


Individual Sample Fidelity Index ($R_{f,i}$)

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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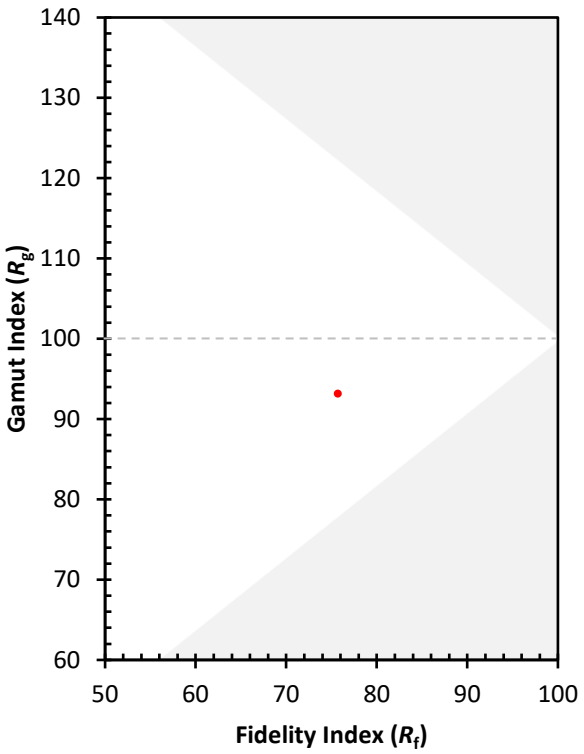
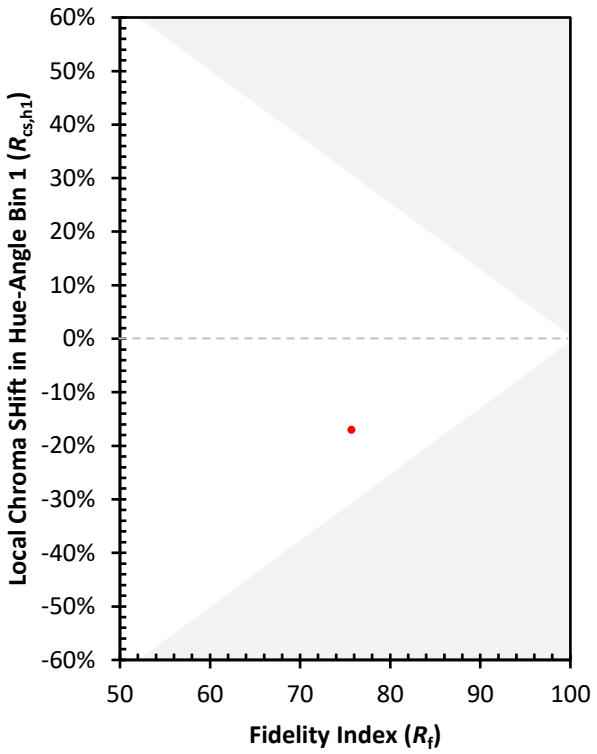
Measure Comparisons





(END OF REPORT)