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: P1461179

Luminaire Tested: PRV-PC1C-727-U-T2RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461179
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1C-727-U-T2RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 880MA 70CRI 2700K FIXTURE w/ TYPE II ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15704.7 lumens
Efficiency:	N/A
Efficacy:	141.5 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G2
Input Watts (W):	111
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.87%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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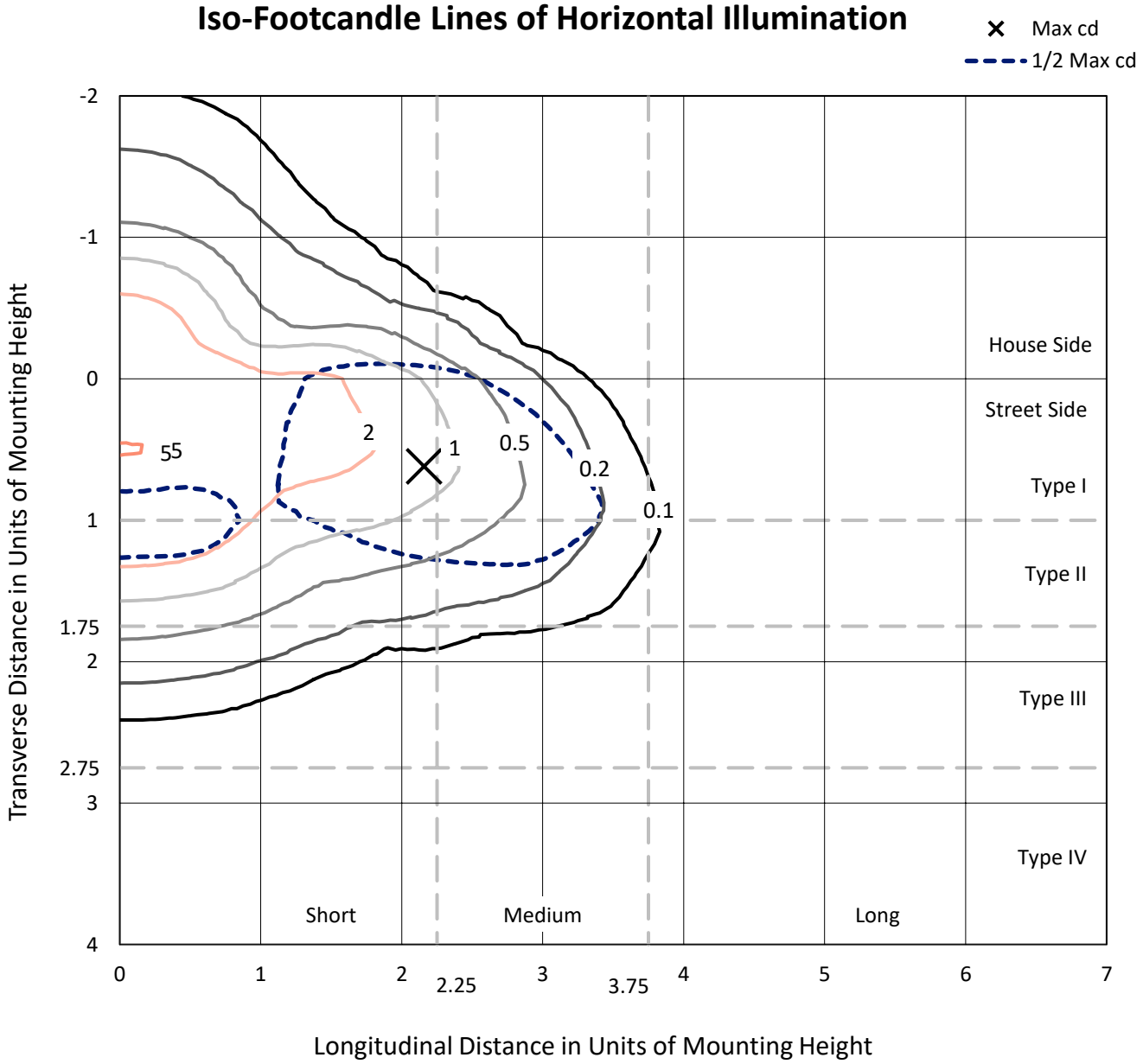
Scaled Data Report

REPORT NUMBER: P1461179
CATALOG NUMBER: PRV-PC1C-727-U-T2RE

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 5 fc
Type II - Short - N/A

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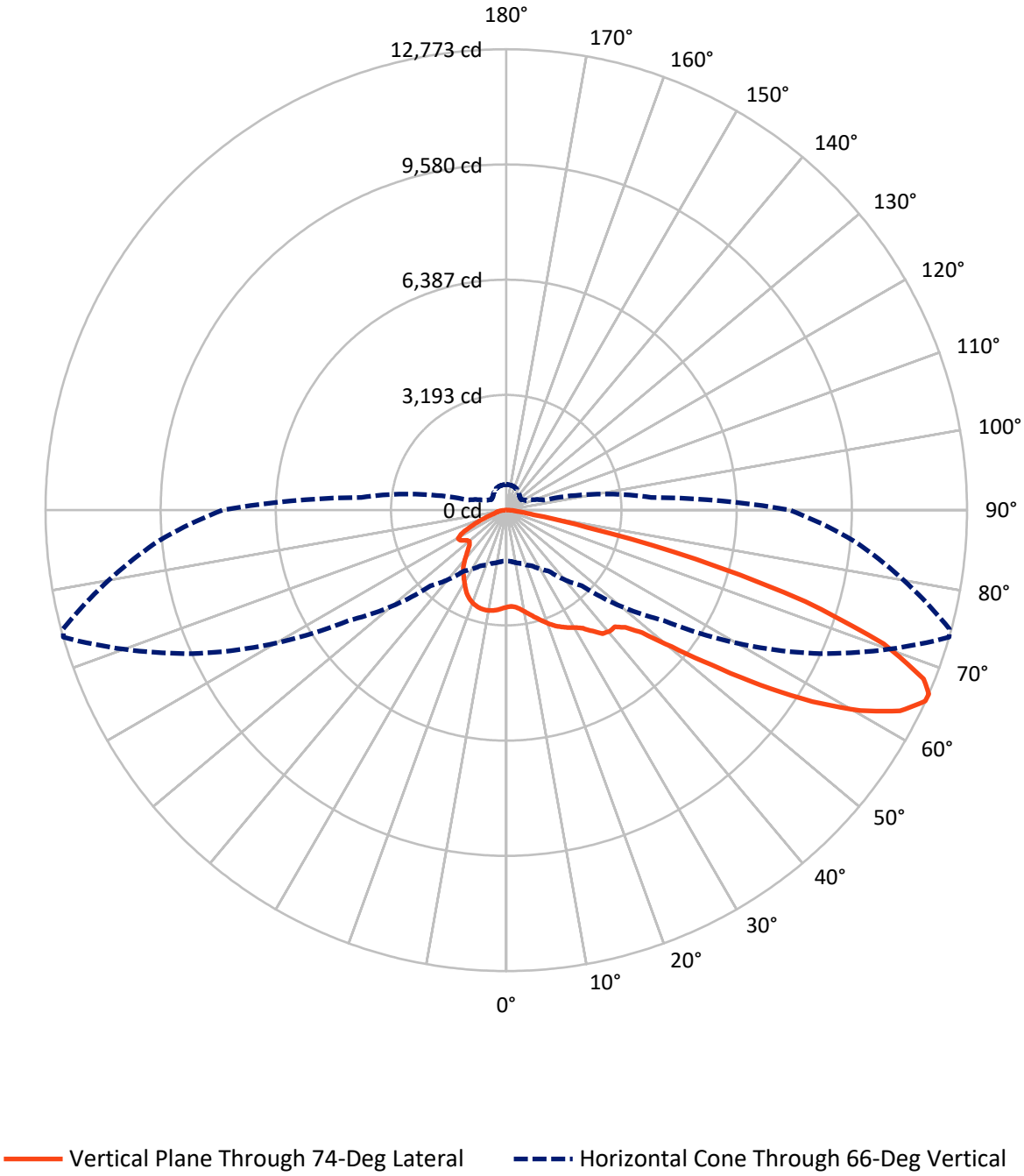
CATALOG NUMBER: PRV-PC1C-727-U-T2RE

Luminous Intensity Polar Plot



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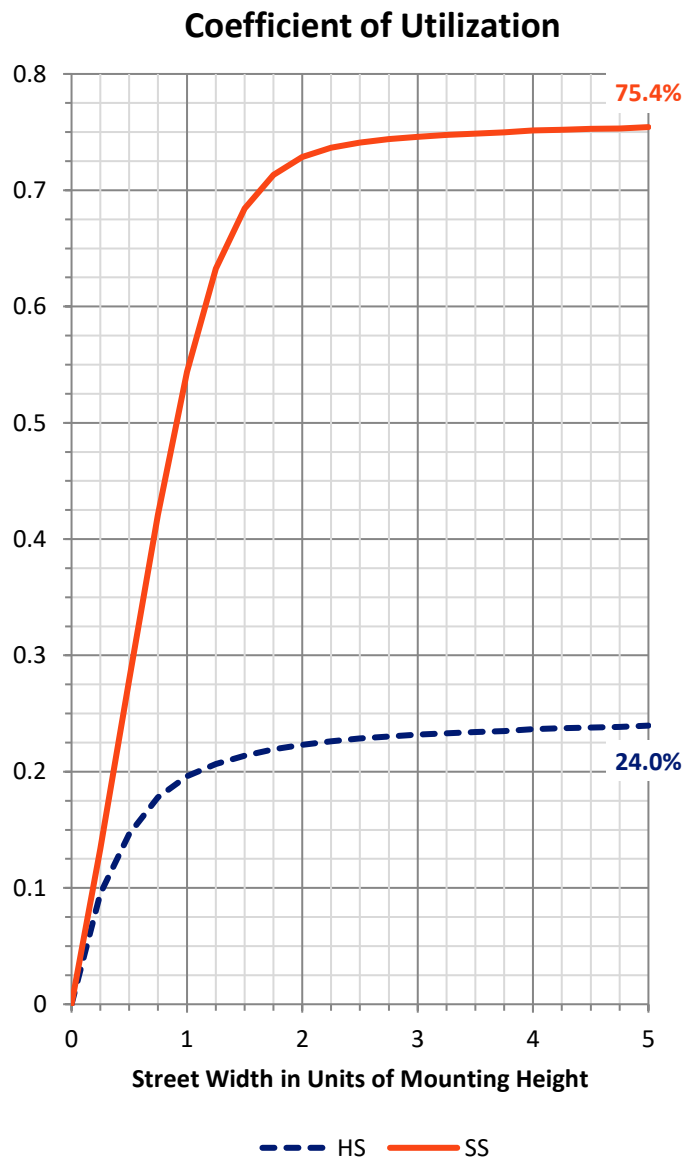
CATALOG NUMBER: PRV-PC1C-727-U-T2RE

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3822.6	0.0	3822.6
	% Fixture	24.3	0.0	24.3
Street Side	Lumens	11882.2	0.0	11882.2
	% Fixture	75.7	0.0	75.7
Total	Lumens	15704.7	0.0	15704.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	252.8	1.6
10°-20°	780.8	5.0
20°-30°	1454.8	9.3
30°-40°	2182.5	13.9
40°-50°	2876.2	18.3
50°-60°	3505.9	22.3
60°-70°	3204.3	20.4
70°-80°	1252.5	8.0
80°-90°	195.0	1.2
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°	15704.7	100.0
0°-180°	15704.7	100.0



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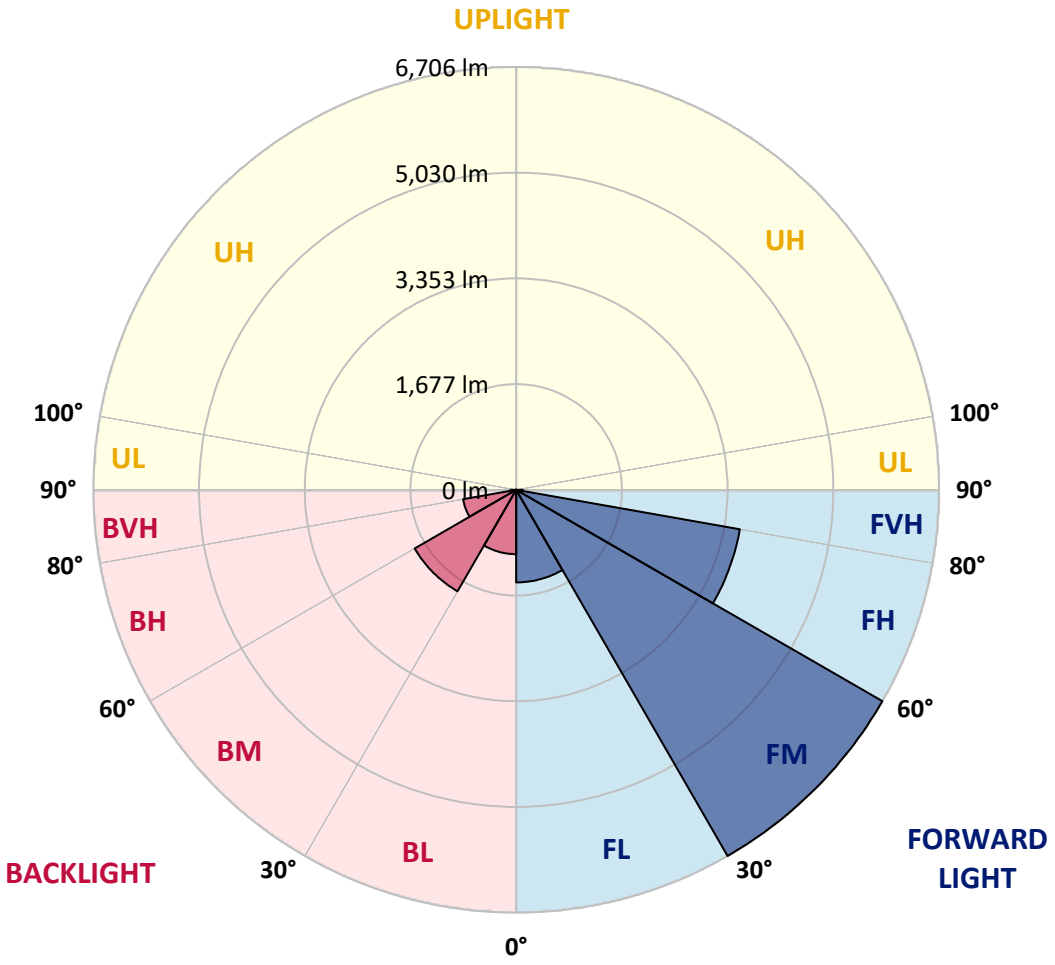
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1468.1	9.3			
FM	(30°-60°)	6706.2	42.7			
FH	(60°-80°)	3602.4	22.9			G2/5000
FVH	(80°-90°)	105.5	0.7			G2/225
BL	(0°-30°)	1020.3	6.5	B3/2500		
BM	(30°-60°)	1858.4	11.8	B2/2500		
BH	(60°-80°)	854.4	5.4	B2/1000		G2/1000
BVH	(80°-90°)	89.5	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3	*2686.3*	2686.3	2686.3
2.5°	2660.8	2659.4	2653.5	2655.7	2658.6	2660.1	2665.9	2662.3	*2668.1*	2676.1	2681.9
5°	2583.6	2585.1	2593.8	2612.7	2647.7	2678.3	2700.9	2703.1	*2698.0*	2707.4	2711.8
7.5°	2466.3	2460.5	2479.5	2513.0	2558.1	2626.6	2711.1	2760.6	*2764.3*	2773.0	2776.6
10°	2509.3	2510.8	2507.1	2497.7	2521.0	2583.6	2693.6	2806.5	*2862.6*	2872.1	2874.2
12.5°	2759.2	2754.8	2727.8	2689.2	2655.7	2633.9	2708.9	2850.9	*2972.6*	2979.9	3002.4
15°	3074.5	3044.7	3027.9	2976.9	2901.2	2817.4	2792.7	2920.1	*3092.8*	3113.9	3156.1
17.5°	3367.4	3349.9	3332.4	3273.4	3171.4	3065.8	2959.5	3012.6	*3226.8*	3255.9	3317.8
20°	3671.8	3667.5	3644.2	3591.0	3484.6	3339.0	3171.4	3140.1	*3356.4*	3392.1	3494.8
22.5°	3983.6	3985.8	3962.5	3894.0	3807.3	3628.1	3408.9	3274.1	*3482.4*	3529.1	3659.4
25°	4271.3	4266.2	4232.0	4206.5	4127.1	3945.0	3682.8	3430.0	*3587.3*	3637.6	3811.0
27.5°	4492.0	4473.1	4509.5	4498.6	4421.3	4240.7	3941.3	3601.9	*3686.4*	3745.4	3942.8
30°	4741.1	4724.4	4763.7	4797.2	4717.1	4537.2	4193.4	3746.9	*3772.3*	3840.1	4067.3
32.5°	5090.0	5083.5	5079.8	5104.6	5044.9	4824.2	4447.6	3952.3	*3902.0*	3968.3	4193.4
35°	5578.8	5556.9	5485.5	5442.6	5379.2	5103.9	4736.7	4232.0	*4114.7*	4183.2	4336.9
37.5°	6108.3	6098.1	5967.0	5808.9	5640.7	5350.1	5006.2	4508.0	*4342.7*	4402.4	4450.5
40°	6695.4	6618.2	6508.2	6266.4	5926.9	5499.4	5048.5	4479.6	*4410.4*	4486.2	4472.3
42.5°	7187.1	7084.4	6961.3	6720.9	6218.3	5674.2	5108.2	4474.5	*4420.6*	4507.3	4438.1
45°	7569.5	7521.4	7329.1	7082.9	6516.9	5835.2	5269.9	4675.6	*4632.6*	4724.4	4510.2
47.5°	7633.6	7582.6	7517.7	7340.0	6720.2	6018.0	5494.3	5060.1	*5071.1*	5197.8	4802.3
50°	7056.7	7044.3	7151.4	7270.8	6824.3	6134.5	5766.0	5634.9	*5947.3*	6023.8	5538.7
52.5°	5943.0	5928.4	6278.8	6707.8	6568.7	6197.2	6095.9	6481.2	*7108.4*	7235.9	6499.5
55°	4714.2	4805.9	5133.0	5822.8	5880.3	5943.7	6439.0	7459.5	*8552.1*	8615.4	7541.8
57.5°	3976.3	3947.9	4191.2	4829.2	5020.1	5406.1	6580.3	8530.9	*10006.7*	9952.8	8555.7
60°	3348.4	3359.4	3489.0	3965.4	4213.8	4628.9	6483.4	9496.1	*11286.5*	11221.6	9413.8
62.5°	2534.8	2510.0	2639.7	3031.6	3541.4	3951.5	6147.6	9951.3	*12249.4*	12180.9	9831.9
65°	1657.8	1688.4	1792.6	2037.3	2513.7	3299.6	5591.9	9684.0	*12764.4*	12701.0	9804.9
66°	*1410.2*	*1422.6*	*1528.2*	*1702.3*	*2062.1*	*2964.6*	*5329.7*	*9395.5*	*12773.1*	*12719.9*	*9658.5*
67.5°	1080.2	1098.4	1187.3	1295.1	1513.6	2297.4	4864.2	8804.1	*12481.0*	12432.9	9243.3
70°	792.5	798.3	869.0	893.7	930.2	1270.3	3649.3	7594.2	*11100.7*	11086.1	7639.4
72.5°	604.6	611.9	652.6	673.8	662.1	767.0	2065.0	6187.0	*8667.9*	8653.3	5266.3
75°	521.5	519.3	531.7	530.3	523.0	548.5	906.1	4170.1	*5428.7*	5457.1	2574.1
77.5°	428.3	430.5	439.2	431.2	425.4	429.0	552.1	2163.3	*2295.2*	2234.7	778.7
80°	343.1	346.0	354.7	349.6	341.6	349.6	402.1	783.0	*769.9*	684.7	313.9
82.5°	270.2	262.2	269.5	273.1	266.6	276.8	301.6	357.6	*333.6*	324.9	220.0
85°	174.8	176.3	163.2	182.1	176.3	179.2	206.9	244.0	*233.8*	231.6	151.5
87.5°	58.3	63.4	69.2	70.7	72.8	75.8	88.9	107.8	*135.5*	140.6	62.6
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: P1461179
CATALOG NUMBER: PRV-PC1C-727-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3	2686.3
2.5°	2692.9	2703.8	2718.4	2735.8	2748.2	2757.0	2751.9	2752.6	2750.4	2743.1	2741.7
5°	2724.2	2740.9	2765.0	2770.1	2756.2	2728.6	2695.1	2661.5	2643.3	2623.7	2622.9
7.5°	2791.2	2799.2	2805.0	2764.3	2688.5	2618.6	2545.0	2494.7	2472.2	2458.3	2470.7
10°	2880.1	2880.8	2831.3	2711.8	2583.6	2488.2	2427.7	2389.1	2367.3	2359.3	2362.9
12.5°	2995.2	2978.4	2848.0	2648.4	2482.4	2389.9	2339.6	2315.6	2298.8	2293.0	2295.9
15°	3134.3	3079.6	2844.4	2571.2	2387.7	2314.8	2279.9	2261.7	2250.0	2245.6	2250.7
17.5°	3271.9	3166.3	2821.1	2486.0	2316.3	2265.3	2242.0	2221.6	2216.5	2213.6	2218.0
20°	3407.4	3242.1	2781.0	2394.2	2263.8	2238.4	2212.9	2200.5	2206.3	2209.2	2217.2
22.5°	3531.3	3288.0	2716.9	2299.5	2221.6	2207.0	2198.3	2195.4	2205.6	2211.4	2218.7
25°	3622.3	3301.1	2631.0	2217.2	2171.3	2177.2	2186.6	2182.3	2185.2	2185.9	2191.0
27.5°	3693.7	3296.7	2507.9	2137.8	2110.2	2136.4	2158.2	2140.0	2132.0	2124.7	2129.1
30°	3756.3	3286.5	2373.8	2043.9	2024.2	2068.6	2093.4	2059.2	2037.3	2023.5	2036.6
32.5°	3809.5	3285.1	2249.3	1922.2	1924.4	1971.8	1997.3	1957.9	1925.1	1912.0	1909.8
35°	3864.9	3289.4	2133.5	1798.4	1785.3	1848.7	1861.8	1825.4	1783.8	1769.3	1770.7
37.5°	3899.1	3293.1	2013.3	1641.1	1633.8	1694.2	1706.6	1679.7	1649.8	1633.1	1628.0
40°	3870.7	3249.4	1847.9	1480.8	1456.1	1507.8	1540.6	1535.5	1491.7	1441.5	1439.3
42.5°	3853.9	3207.1	1673.1	1325.7	1303.1	1330.8	1389.0	1358.5	1276.1	1266.7	1260.1
45°	3987.2	3232.6	1527.4	1196.0	1145.8	1190.2	1244.8	1172.0	1137.0	1124.6	1134.8
47.5°	4363.1	3376.8	1420.4	1103.5	1035.0	1076.6	1097.0	1071.5	1041.6	1037.2	1041.6
50°	5184.0	3756.3	1372.3	1052.5	959.3	984.1	976.0	988.4	965.8	970.2	974.6
52.5°	6225.6	4437.4	1397.1	1046.0	906.8	887.2	881.4	908.3	912.7	933.1	940.4
55°	7313.1	5037.6	1483.0	1069.3	848.6	779.4	788.9	836.2	879.2	906.8	913.4
57.5°	8234.5	5329.7	1578.4	1069.3	770.6	694.2	716.0	785.2	853.7	877.0	879.9
60°	8619.8	5283.8	1608.3	997.2	689.8	625.0	662.1	754.6	818.7	831.8	839.1
62.5°	8567.4	5017.2	1483.0	850.8	605.3	573.2	631.5	721.8	767.0	782.3	785.9
65°	8171.1	4415.5	1217.1	679.6	533.9	536.1	606.0	680.3	716.7	734.9	742.2
66°	*7865.2*	*4032.4*	*1086.0*	*628.6*	*508.4*	*524.4*	*595.8*	*659.2*	*694.2*	*708.0*	*714.6*
67.5°	7210.4	3349.2	927.2	547.0	480.0	508.4	574.0	627.1	654.8	670.9	675.9
70°	5256.8	2041.7	666.5	437.0	438.5	477.1	519.3	556.5	608.9	631.5	638.8
72.5°	3111.0	1020.5	485.1	370.0	405.0	444.3	464.7	507.0	574.7	614.0	624.2
75°	1421.1	500.4	354.0	327.8	362.7	386.0	409.4	467.6	550.7	610.4	620.6
77.5°	482.2	322.7	287.7	294.3	303.0	319.0	354.0	428.3	523.7	590.0	606.8
80°	260.8	255.7	238.2	249.1	251.3	265.9	303.7	378.8	475.6	533.2	536.8
82.5°	209.0	198.1	189.4	193.8	198.1	217.1	244.0	313.2	403.5	329.2	332.9
85°	134.8	118.7	123.1	129.7	134.0	150.8	168.3	232.4	290.6	153.7	146.4
87.5°	40.1	36.4	43.7	48.8	48.1	48.8	64.8	121.6	171.2	72.1	49.5
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

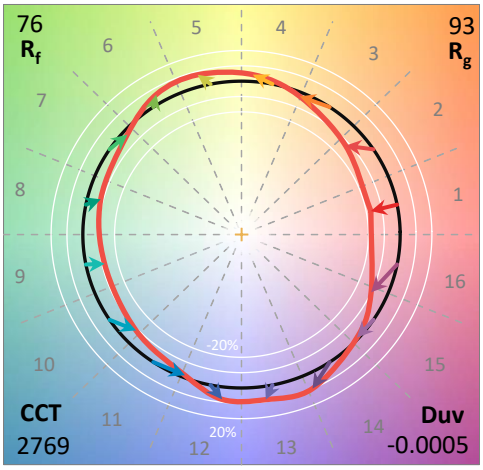
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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						



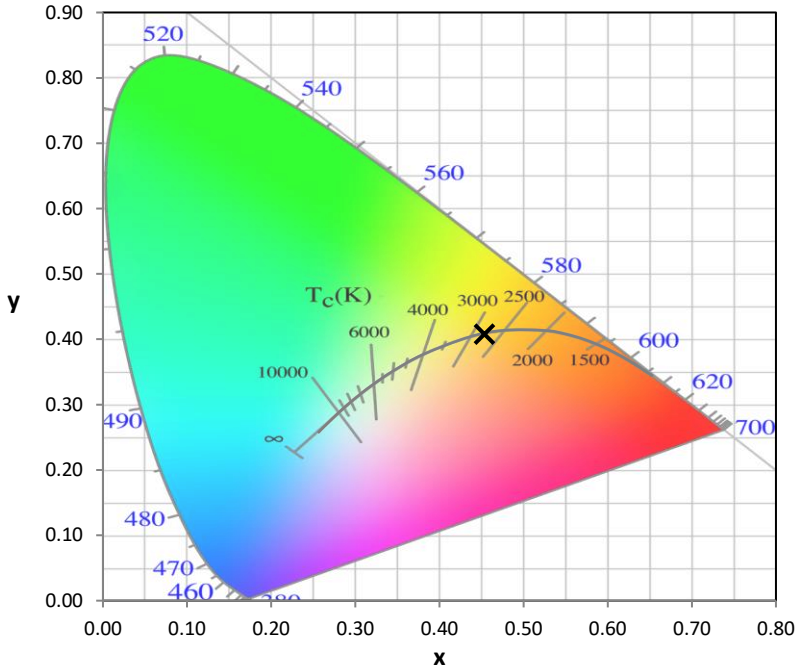
Test Conditions

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

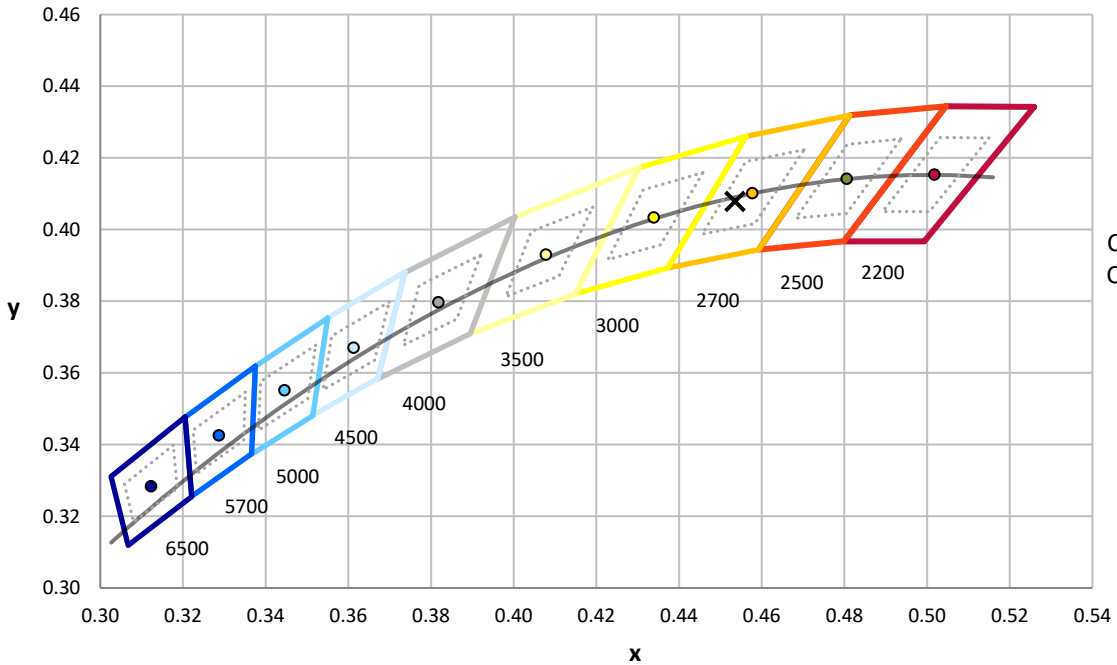
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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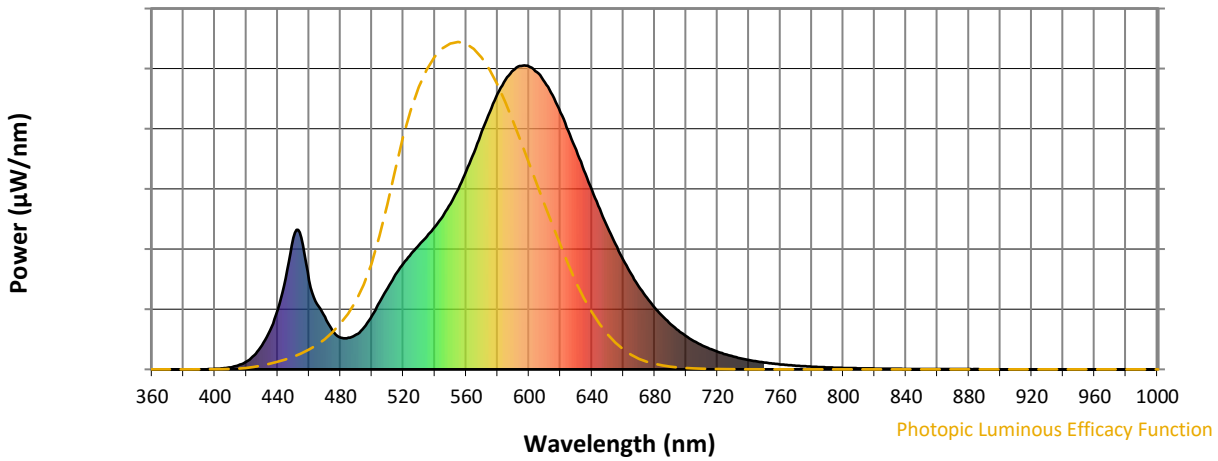
Photopic Flux vs. Wavelength



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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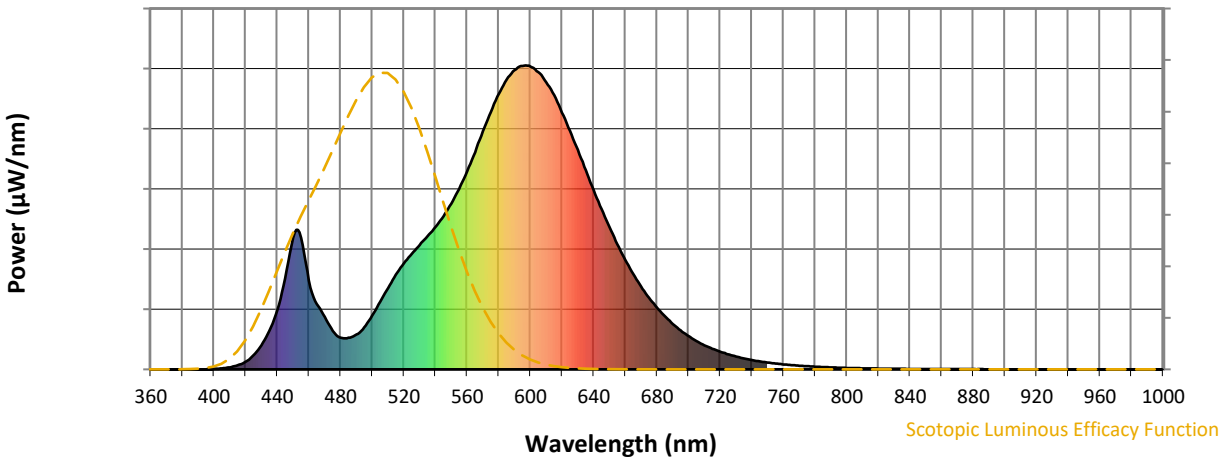
Scotopic Flux vs. Wavelength



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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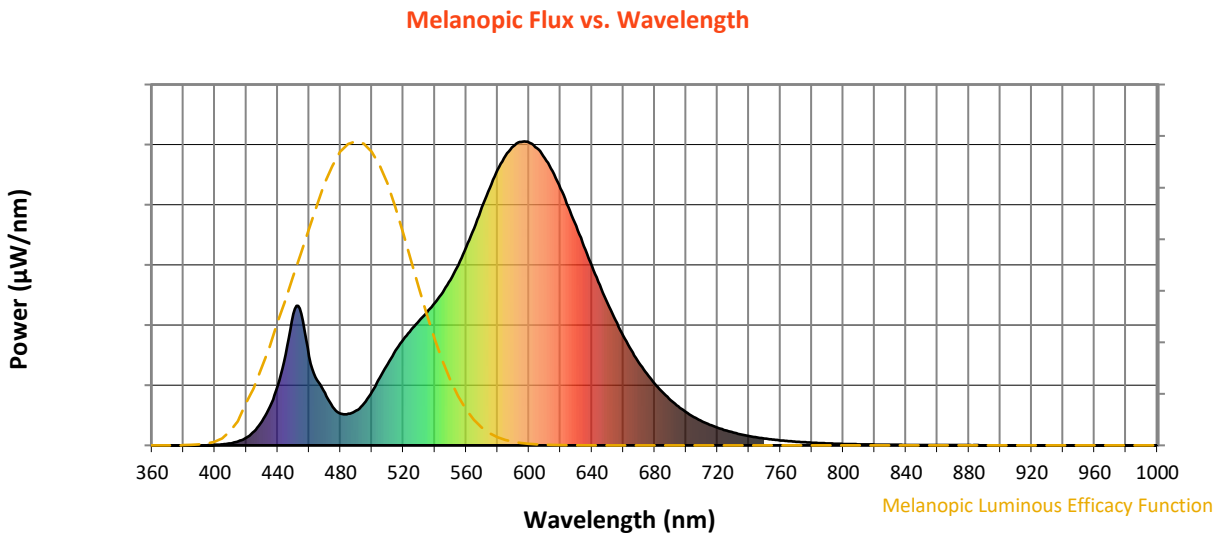

Melanopic Lumens: NR **M/P: 2.08**

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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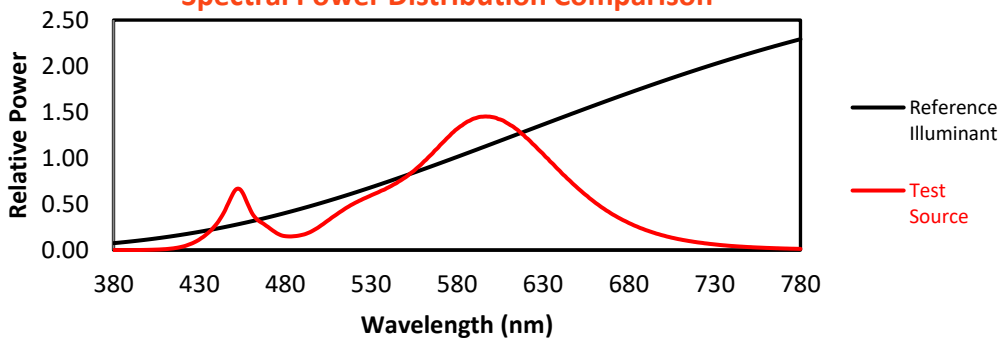
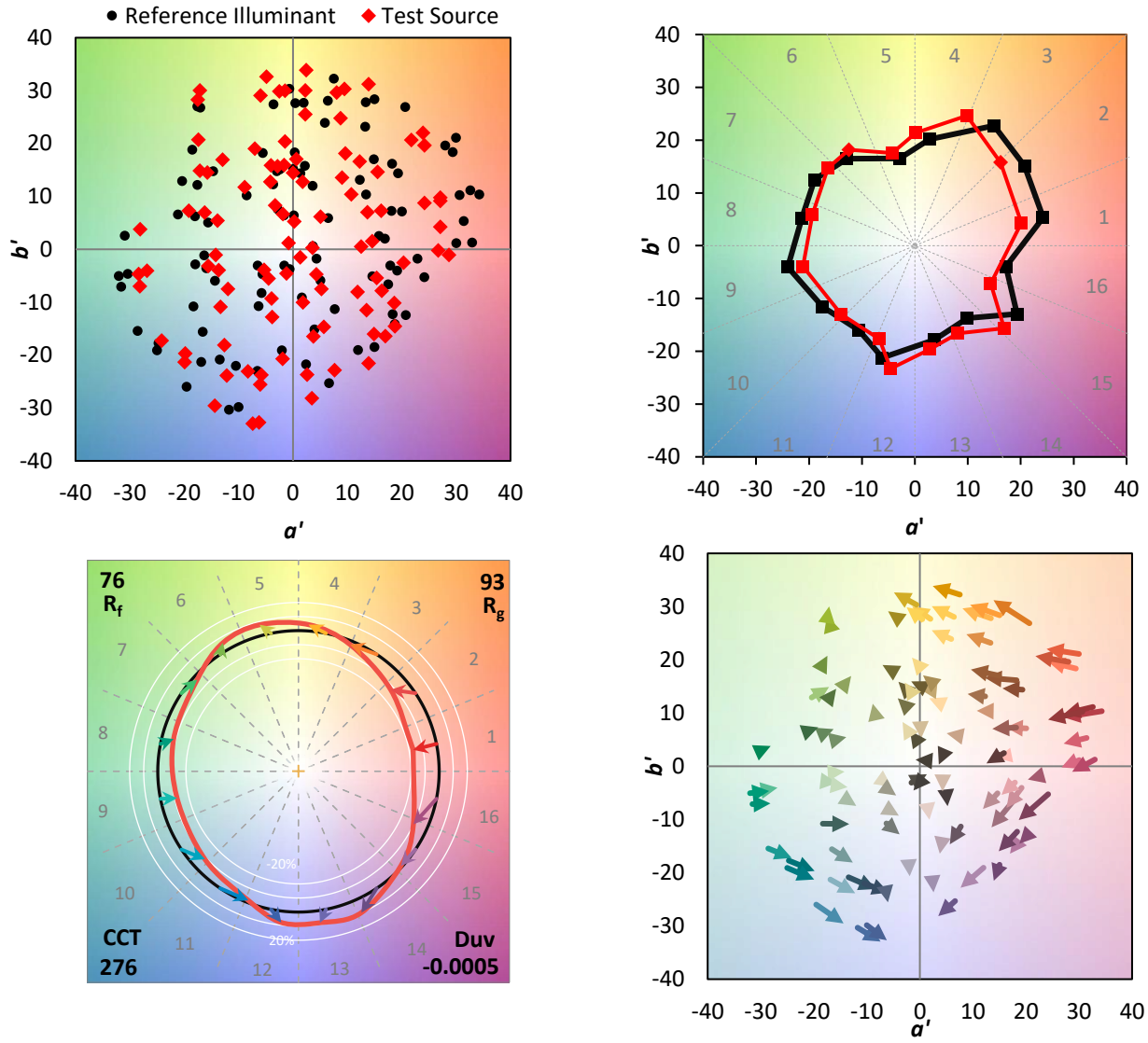
Summary

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

Spectral Power Distribution Comparison

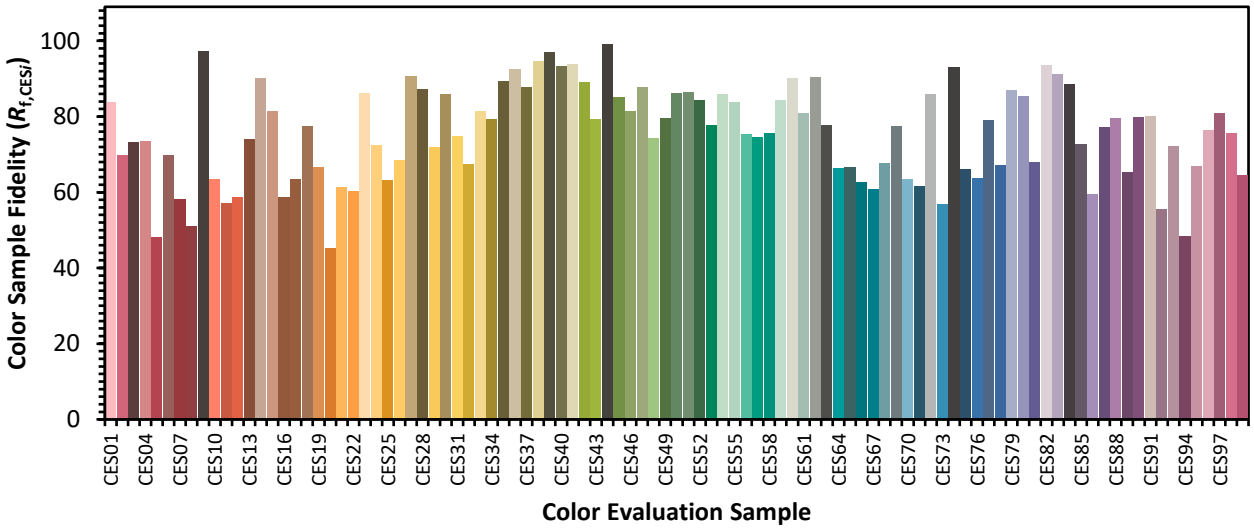


Color Vector Graphics

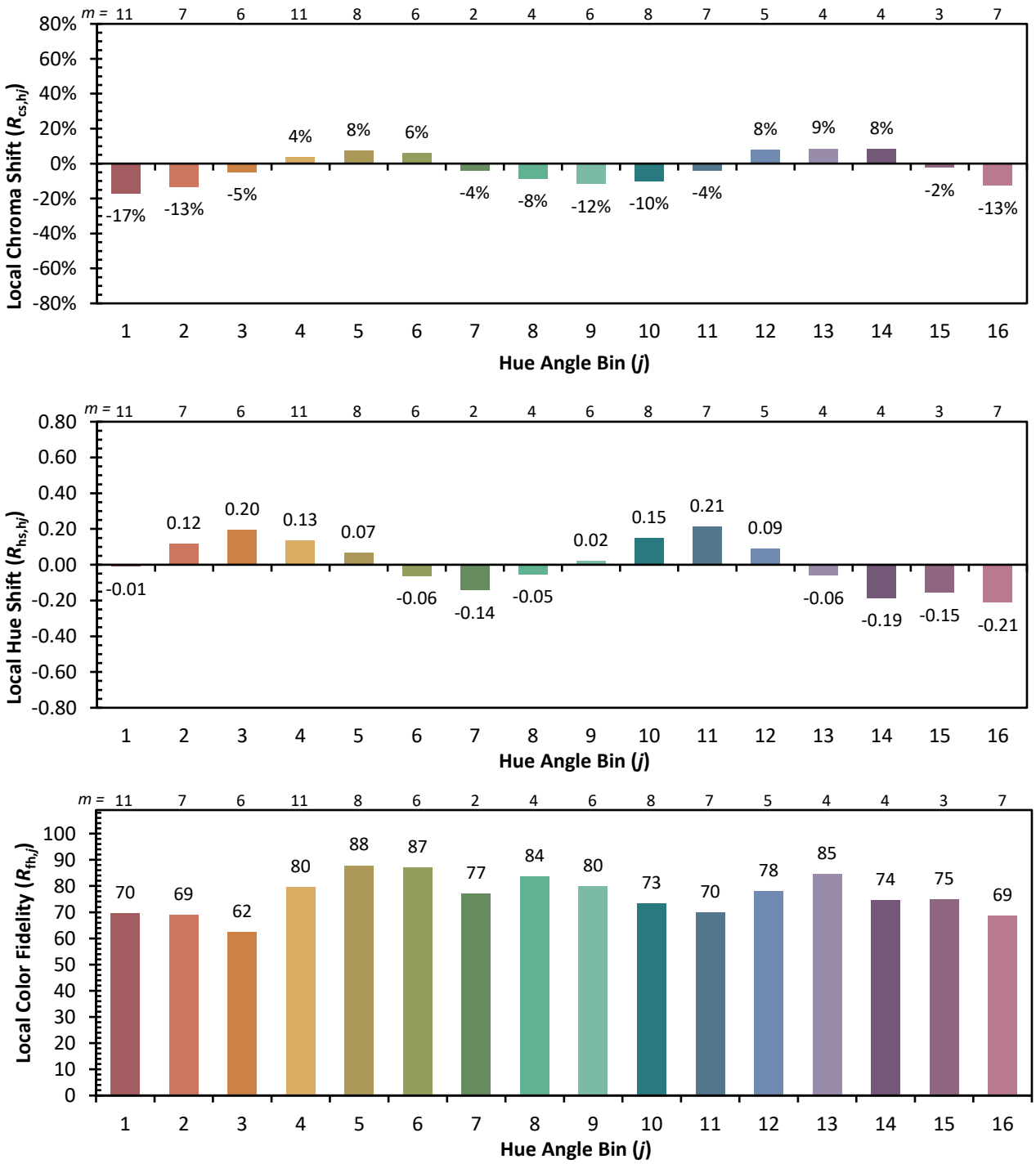


Individual Sample Fidelity Index ($R_{f,i}$)

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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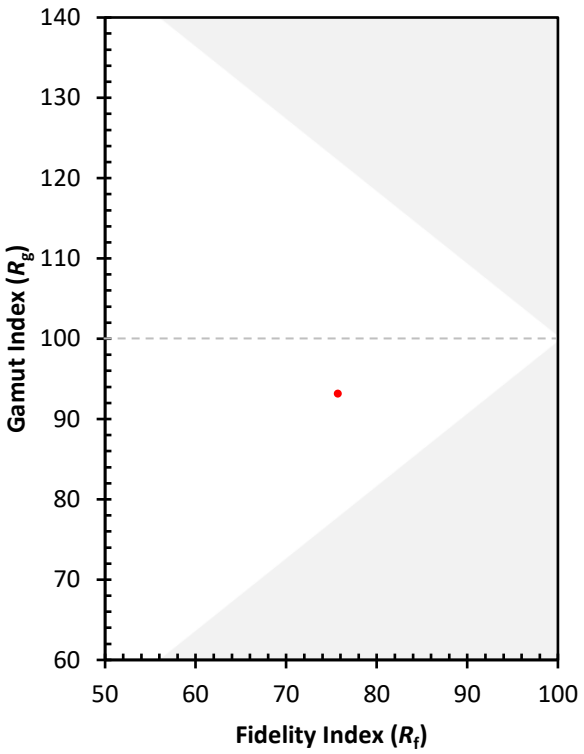
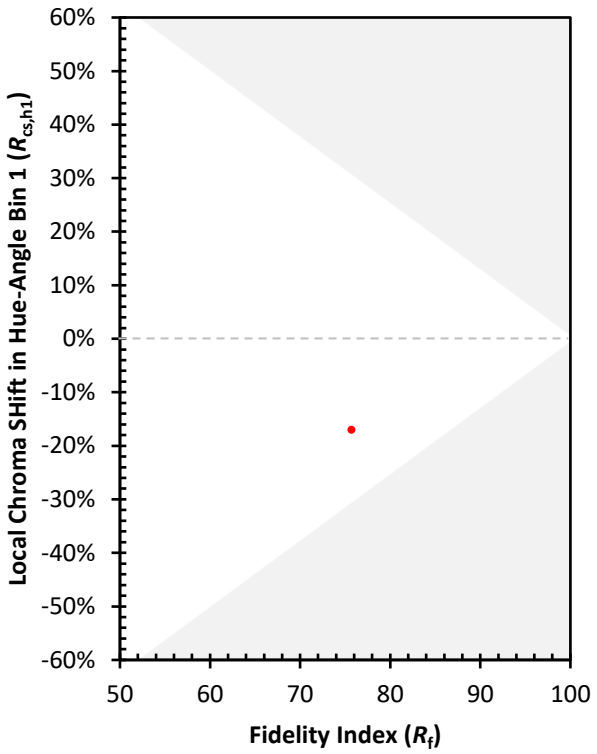
Measure Comparisons





(END OF REPORT)