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: P1461175

Luminaire Tested: PRV-PC1C-722-U-T2RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461175
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1C-722-U-T2RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 880MA 70CRI 2200K FIXTURE w/ TYPE II ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14235.1 lumens
Efficiency:	N/A
Efficacy:	128.2 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - 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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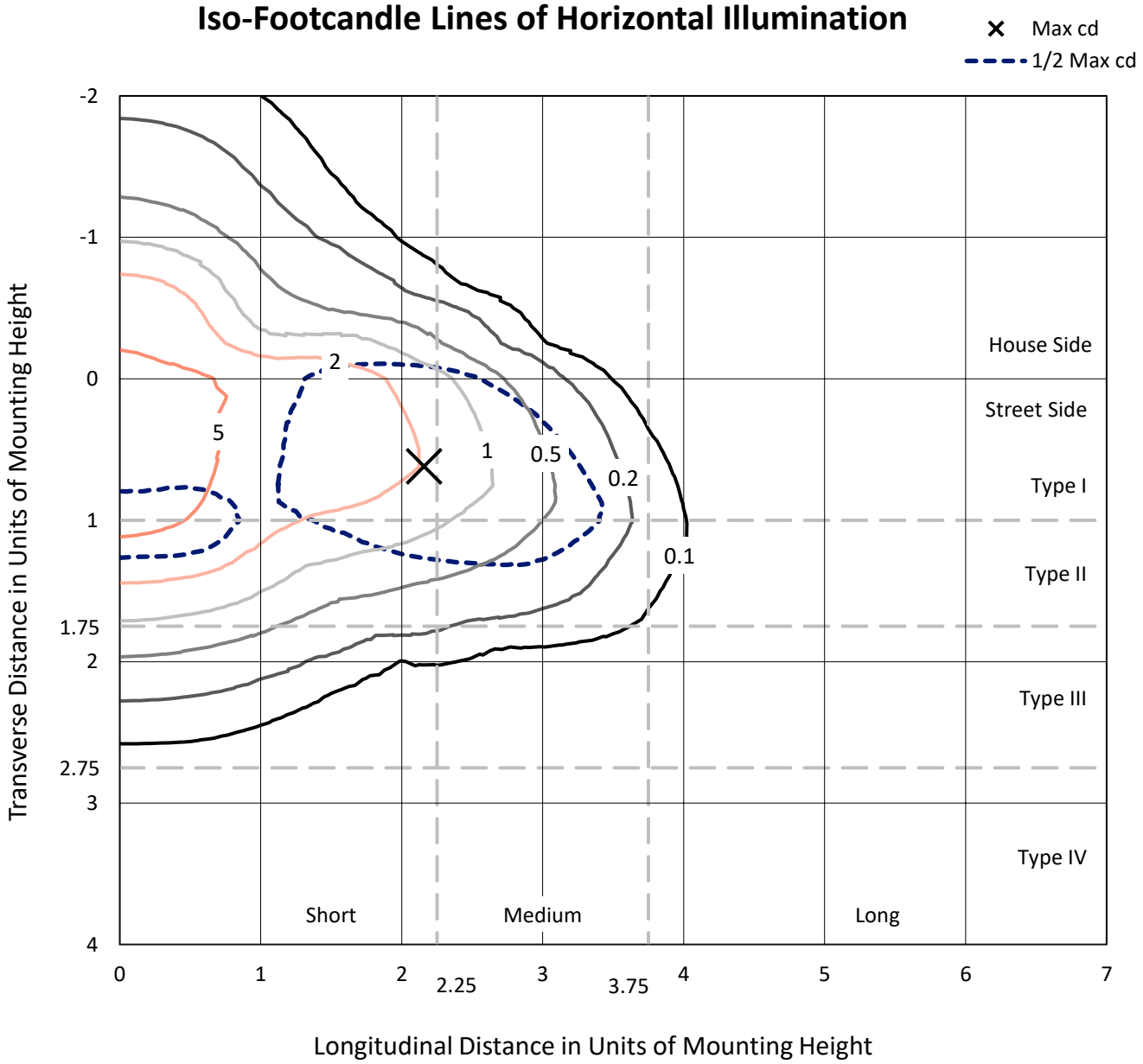
Scaled Data Report

REPORT NUMBER: P1461175
CATALOG NUMBER: PRV-PC1C-722-U-T2RE

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.1 fc
Type II - Short - N/A

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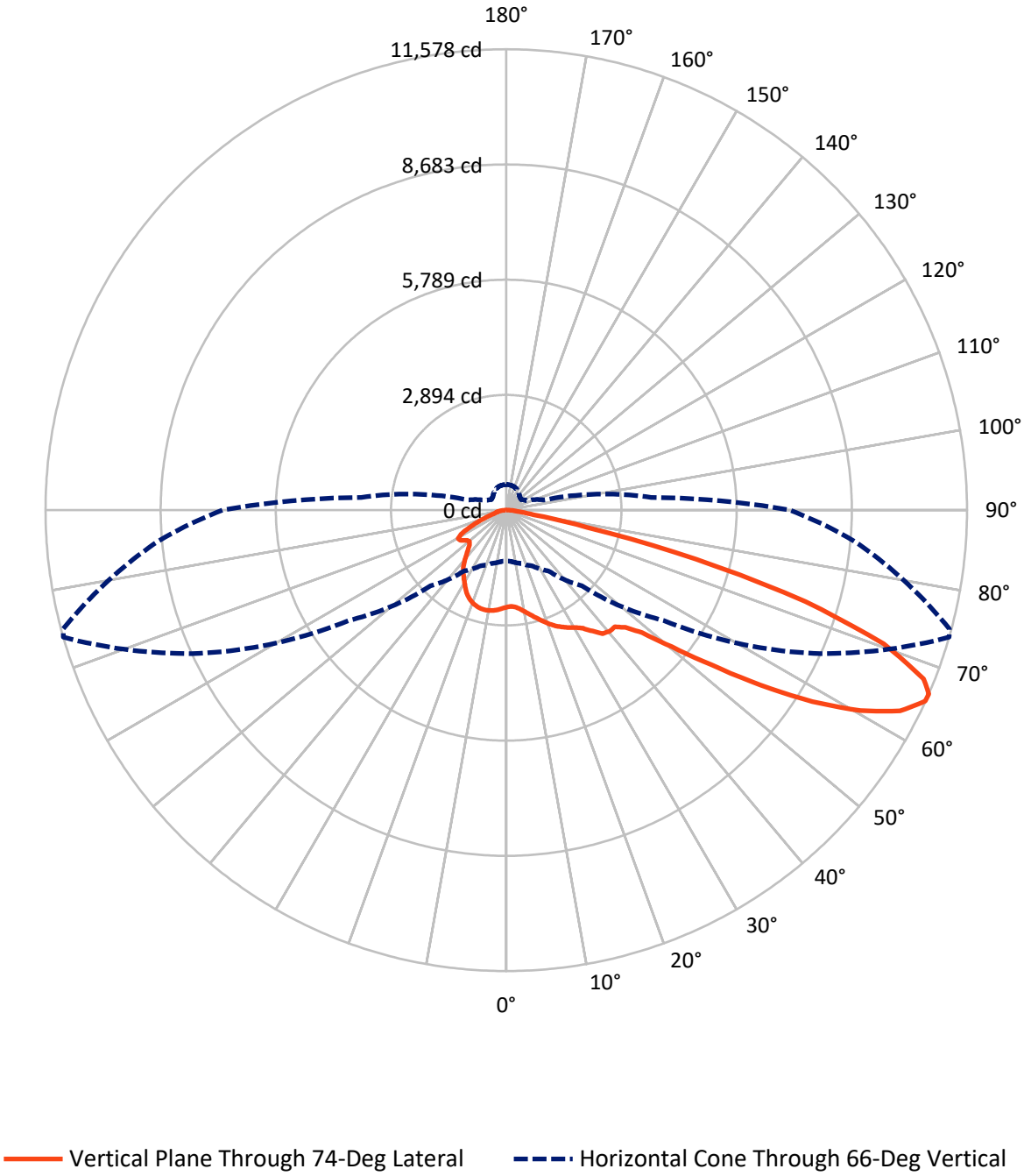
CATALOG NUMBER: PRV-PC1C-722-U-T2RE

Luminous Intensity Polar Plot



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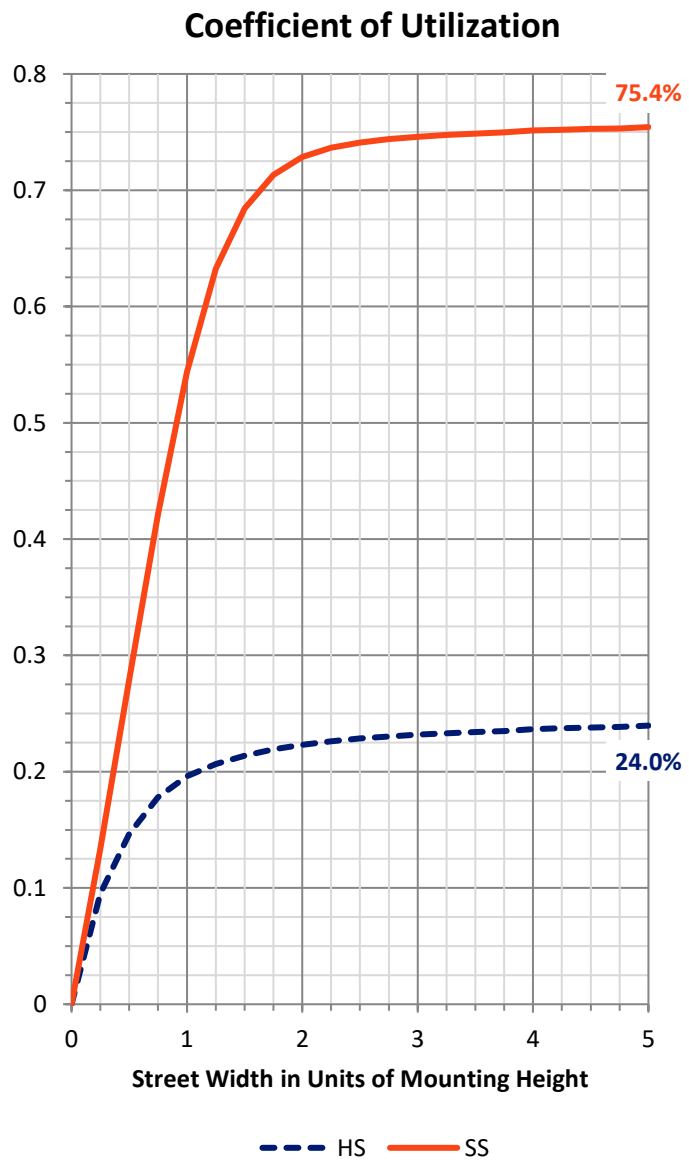
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3464.8	0.0	3464.8
	% Fixture	24.3	0.0	24.3
Street Side	Lumens	10770.2	0.0	10770.2
	% Fixture	75.7	0.0	75.7
Total	Lumens	14235.1	0.0	14235.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	229.1	1.6
10°-20°	707.7	5.0
20°-30°	1318.6	9.3
30°-40°	1978.2	13.9
40°-50°	2607.0	18.3
50°-60°	3177.8	22.3
60°-70°	2904.5	20.4
70°-80°	1135.3	8.0
80°-90°	176.7	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°	14235.1	100.0
0°-180°	14235.1	100.0



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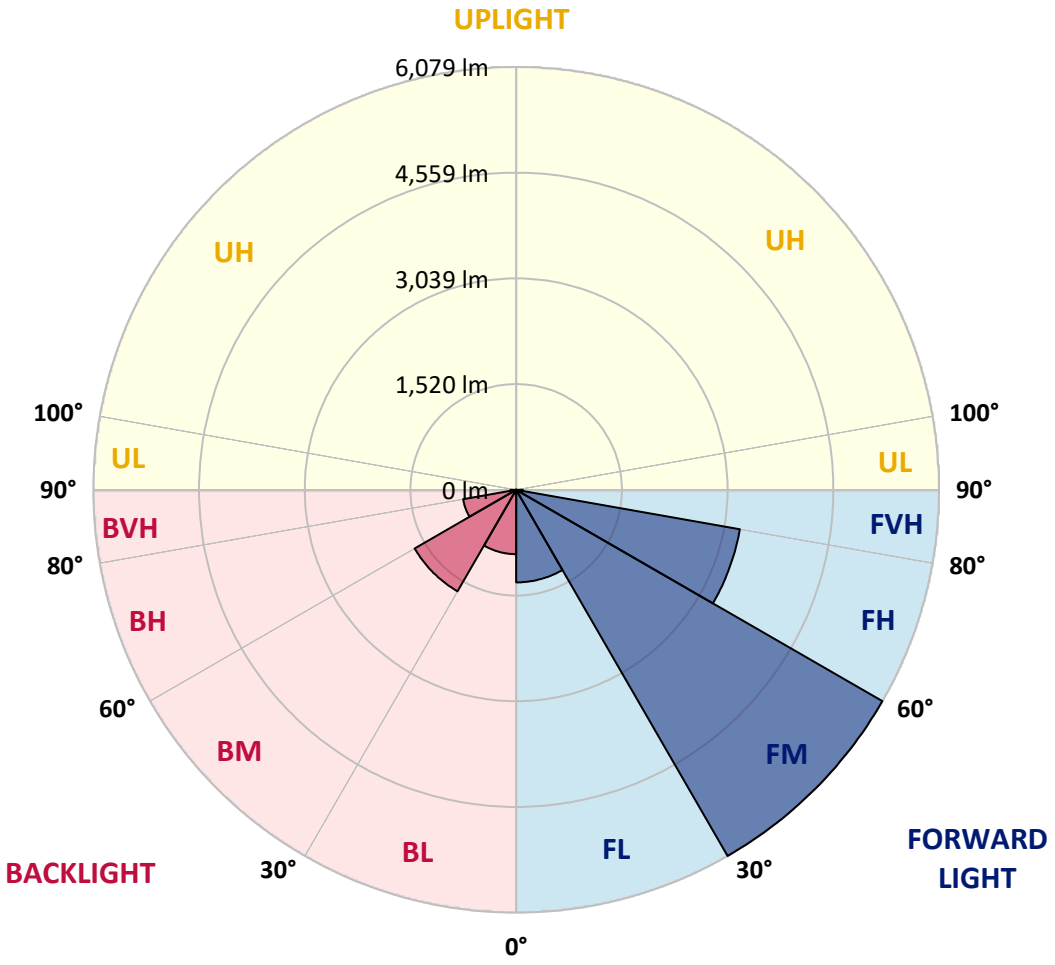
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1330.7	9.3			
FM	(30°-60°)	6078.6	42.7			
FH	(60°-80°)	3265.3	22.9			G2/5000
FVH	(80°-90°)	95.6	0.7			G1/100
BL	(0°-30°)	924.8	6.5	B2/1000		
BM	(30°-60°)	1684.5	11.8	B2/2500		
BH	(60°-80°)	774.4	5.4	B2/1000		G2/1000
BVH	(80°-90°)	81.1	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9	*2434.9*	2434.9	2434.9
2.5°	2411.8	2410.5	2405.2	2407.2	2409.8	2411.2	2416.4	2413.1	*2418.4*	2425.7	2431.0
5°	2341.8	2343.2	2351.1	2368.2	2399.9	2427.7	2448.1	2450.1	*2445.5*	2454.1	2458.0
7.5°	2235.5	2230.3	2247.4	2277.8	2318.7	2380.8	2457.4	2502.3	*2505.6*	2513.5	2516.8
10°	2274.5	2275.8	2272.5	2263.9	2285.1	2341.8	2441.5	2543.9	*2594.7*	2603.3	2605.3
12.5°	2501.0	2497.0	2472.6	2437.6	2407.2	2387.4	2455.4	2584.1	*2694.4*	2701.0	2721.5
15°	2786.8	2759.8	2744.6	2698.4	2629.7	2553.8	2531.3	2646.9	*2803.3*	2822.5	2860.8
17.5°	3052.2	3036.4	3020.6	2967.1	2874.6	2778.9	2682.5	2730.7	*2924.8*	2951.2	3007.3
20°	3328.2	3324.3	3303.1	3254.9	3158.5	3026.5	2874.6	2846.3	*3042.3*	3074.7	3167.8
22.5°	3610.8	3612.8	3591.7	3529.6	3451.0	3288.6	3089.9	2967.7	*3156.6*	3198.8	3317.0
25°	3871.6	3867.0	3835.9	3812.8	3740.9	3575.8	3338.1	3109.0	*3251.6*	3297.2	3454.3
27.5°	4071.6	4054.5	4087.5	4077.6	4007.6	3843.9	3572.5	3264.8	*3341.4*	3394.9	3573.8
30°	4297.4	4282.3	4317.9	4348.3	4275.7	4112.6	3800.9	3396.2	*3419.3*	3480.7	3686.7
32.5°	4613.7	4607.7	4604.4	4626.9	4572.8	4372.7	4031.4	3582.4	*3536.9*	3596.9	3800.9
35°	5056.7	5036.9	4972.2	4933.2	4875.8	4626.2	4293.5	3835.9	*3729.6*	3791.7	3931.0
37.5°	5536.7	5527.4	5408.6	5265.3	5112.8	4849.4	4537.8	4086.2	*3936.3*	3990.4	4034.0
40°	6068.8	5998.9	5899.2	5680.0	5372.3	4984.7	4576.1	4060.4	*3997.7*	4066.4	4053.8
42.5°	6514.5	6421.4	6309.8	6091.9	5636.4	5143.2	4630.2	4055.8	*4006.9*	4085.5	4022.8
45°	6861.1	6817.5	6643.2	6420.1	5907.1	5289.1	4776.8	4238.0	*4199.1*	4282.3	4088.1
47.5°	6919.2	6873.0	6814.2	6653.1	6091.3	5454.8	4980.1	4586.6	*4596.5*	4711.4	4352.9
50°	6396.3	6385.1	6482.1	6590.4	6185.7	5560.5	5226.4	5107.5	*5390.8*	5460.1	5020.4
52.5°	5386.8	5373.6	5691.2	6080.1	5954.0	5617.2	5525.5	5874.7	*6443.2*	6558.7	5891.2
55°	4273.0	4356.2	4652.6	5277.9	5330.0	5387.5	5836.4	6761.4	*7751.8*	7809.2	6836.0
57.5°	3604.2	3578.4	3799.0	4377.3	4550.3	4900.2	5964.5	7732.6	*9070.2*	9021.4	7755.1
60°	3035.1	3045.0	3162.5	3594.3	3819.4	4195.8	5876.7	8607.4	*10230.3*	10171.5	8532.8
62.5°	2297.6	2275.2	2392.7	2747.9	3210.0	3581.8	5572.3	9020.1	*11103.1*	11041.0	8911.8
65°	1502.7	1530.4	1624.8	1846.7	2278.5	2990.8	5068.6	8777.8	*11569.9*	11512.4	8887.4
66°	*1278.2*	*1289.4*	*1385.2*	*1543.0*	*1869.1*	*2687.1*	*4830.9*	*8516.3*	*11577.8*	*11529.6*	*8754.7*
67.5°	979.1	995.6	1076.2	1173.9	1372.0	2082.4	4409.0	7980.2	*11313.0*	11269.5	8378.3
70°	718.3	723.6	787.7	810.1	843.1	1151.4	3307.8	6883.6	*10061.9*	10048.7	6924.5
72.5°	548.0	554.6	591.6	610.7	600.1	695.2	1871.8	5608.0	*7856.7*	7843.5	4773.5
75°	472.7	470.7	482.0	480.6	474.0	497.2	821.3	3779.8	*4920.7*	4946.4	2333.3
77.5°	388.2	390.2	398.1	390.9	385.6	388.9	500.5	1960.9	*2080.4*	2025.6	705.8
80°	311.0	313.6	321.5	316.9	309.6	316.9	364.4	709.7	*697.9*	620.6	284.6
82.5°	244.9	237.7	244.3	247.6	241.6	250.9	273.3	324.2	*302.4*	294.5	199.4
85°	158.5	159.8	147.9	165.1	159.8	162.4	187.5	221.2	*211.9*	210.0	137.3
87.5°	52.8	57.4	62.7	64.0	66.0	68.7	80.5	97.7	*122.8*	127.4	56.8
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: P1461175
CATALOG NUMBER: PRV-PC1C-722-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9	2434.9
2.5°	2440.9	2450.8	2464.0	2479.8	2491.0	2499.0	2494.4	2495.0	2493.0	2486.4	2485.1
5°	2469.3	2484.4	2506.2	2510.9	2498.3	2473.2	2442.9	2412.5	2396.0	2378.2	2377.5
7.5°	2530.0	2537.3	2542.5	2505.6	2436.9	2373.5	2306.8	2261.3	2240.8	2228.3	2239.5
10°	2610.6	2611.2	2566.3	2458.0	2341.8	2255.3	2200.5	2165.6	2145.7	2138.5	2141.8
12.5°	2714.9	2699.7	2581.5	2400.6	2250.1	2166.2	2120.7	2098.9	2083.7	2078.4	2081.0
15°	2841.0	2791.5	2578.2	2330.6	2164.2	2098.2	2066.5	2050.0	2039.5	2035.5	2040.1
17.5°	2965.8	2870.0	2557.1	2253.4	2099.5	2053.3	2032.2	2013.7	2009.1	2006.4	2010.4
20°	3088.6	2938.7	2520.8	2170.2	2052.0	2028.9	2005.8	1994.6	1999.8	2002.5	2009.7
22.5°	3200.8	2980.3	2462.7	2084.3	2013.7	2000.5	1992.6	1989.9	1999.2	2004.5	2011.1
25°	3283.3	2992.2	2384.8	2009.7	1968.1	1973.4	1982.0	1978.1	1980.7	1981.4	1986.0
27.5°	3348.0	2988.2	2273.2	1937.8	1912.7	1936.5	1956.3	1939.8	1932.5	1925.9	1929.9
30°	3404.8	2979.0	2151.7	1852.6	1834.8	1875.1	1897.5	1866.5	1846.7	1834.1	1846.0
32.5°	3453.0	2977.6	2038.8	1742.3	1744.3	1787.2	1810.4	1774.7	1745.0	1733.1	1731.1
35°	3503.2	2981.6	1933.8	1630.1	1618.2	1675.7	1687.5	1654.5	1616.9	1603.7	1605.0
37.5°	3534.2	2984.9	1824.9	1487.5	1480.9	1535.7	1546.9	1522.5	1495.4	1480.2	1475.6
40°	3508.5	2945.3	1675.0	1342.2	1319.8	1366.7	1396.4	1391.8	1352.2	1306.6	1304.6
42.5°	3493.3	2907.0	1516.5	1201.6	1181.2	1206.2	1259.1	1231.3	1156.7	1148.1	1142.2
45°	3614.1	2930.1	1384.5	1084.1	1038.5	1078.8	1128.3	1062.3	1030.6	1019.4	1028.6
47.5°	3954.8	3060.8	1287.4	1000.2	938.2	975.8	994.3	971.2	944.1	940.2	944.1
50°	4698.9	3404.8	1243.9	954.0	869.5	892.0	884.7	895.9	875.5	879.4	883.4
52.5°	5643.0	4022.1	1266.3	948.1	822.0	804.2	798.9	823.3	827.3	845.8	852.4
55°	6628.7	4566.2	1344.2	969.2	769.2	706.4	715.0	757.9	796.9	822.0	827.9
57.5°	7463.9	4830.9	1430.7	969.2	698.5	629.2	649.0	711.7	773.8	794.9	797.6
60°	7813.2	4789.3	1457.8	903.9	625.2	566.5	600.1	684.0	742.1	754.0	760.6
62.5°	7765.6	4547.7	1344.2	771.1	548.7	519.6	572.4	654.3	695.2	709.1	712.4
65°	7406.5	4002.3	1103.2	616.0	483.9	485.9	549.3	616.7	649.7	666.2	672.8
66°	*7129.2*	*3655.0*	*984.4*	*569.8*	*460.8*	*475.4*	*540.1*	*597.5*	*629.2*	*641.7*	*647.7*
67.5°	6535.6	3035.7	840.5	495.8	435.1	460.8	520.3	568.5	593.5	608.1	612.7
70°	4764.9	1850.6	604.1	396.1	397.5	432.5	470.7	504.4	552.0	572.4	579.0
72.5°	2819.8	925.0	439.7	335.4	367.1	402.7	421.2	459.5	520.9	556.6	565.8
75°	1288.1	453.6	320.9	297.1	328.8	349.9	371.0	423.9	499.1	553.3	562.5
77.5°	437.1	292.5	260.8	266.7	274.7	289.2	320.9	388.2	474.7	534.8	550.0
80°	236.4	231.7	215.9	225.8	227.8	241.0	275.3	343.3	431.1	483.3	486.6
82.5°	189.5	179.6	171.7	175.6	179.6	196.7	221.2	283.9	365.8	298.4	301.7
85°	122.1	107.6	111.6	117.5	121.5	136.7	152.5	210.6	263.4	139.3	132.7
87.5°	36.3	33.0	39.6	44.2	43.6	44.2	58.8	110.3	155.2	65.4	44.9
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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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-2

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-722-U-T4W

Data in this report applies to families of products including GKO-PB1E-722-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

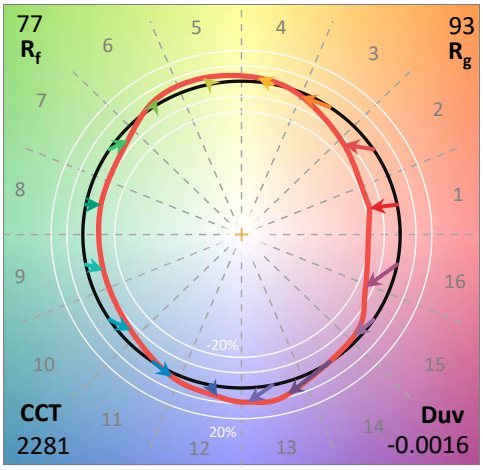
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-2
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-722-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2281	CRI (Ra):		70.6			
CIE u':	0.2851	R1:		68.4	R9:		-35.1
CIE v':	0.5324	R2:		88.7	R10:		78.0
Duv:	-0.0016	R3:		85.7	R11:		60.2
CIE x:	0.4942	R4:		63.2	R12:		73.8
CIE y:	0.4102	R5:		69.0	R13:		72.8
CIE z:	0.0956	R6:		88.6	R14:		92.4
Peak Wavelength (nm):	602	R7:		68.8	R15:		58.4
Dominant Wavelength (nm):	587	R8:		32.6			
Purity:	71.48321						

Rf:	76.9
Rg:	92.6



Test Conditions

Stabilization Time:	40M
Operation Time:	1H 40M
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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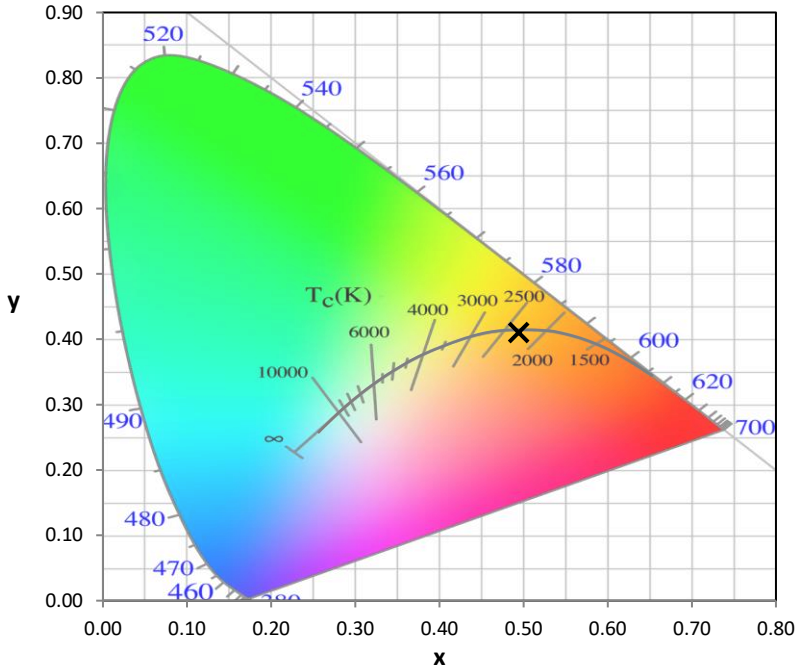
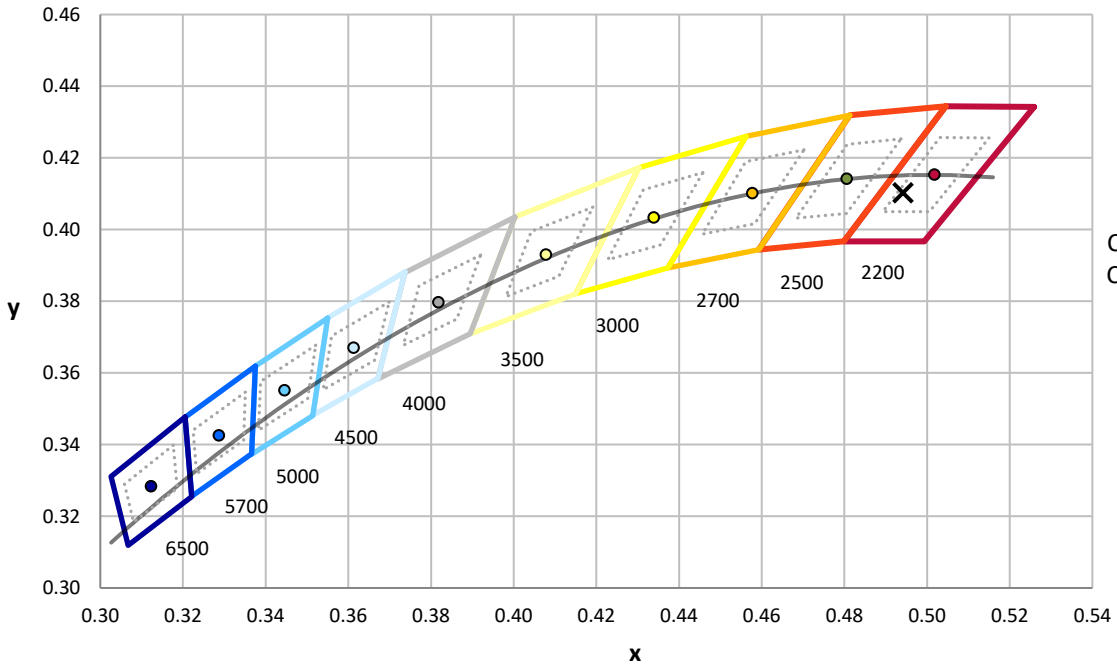
CIE 1931 Chromaticity Diagram



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

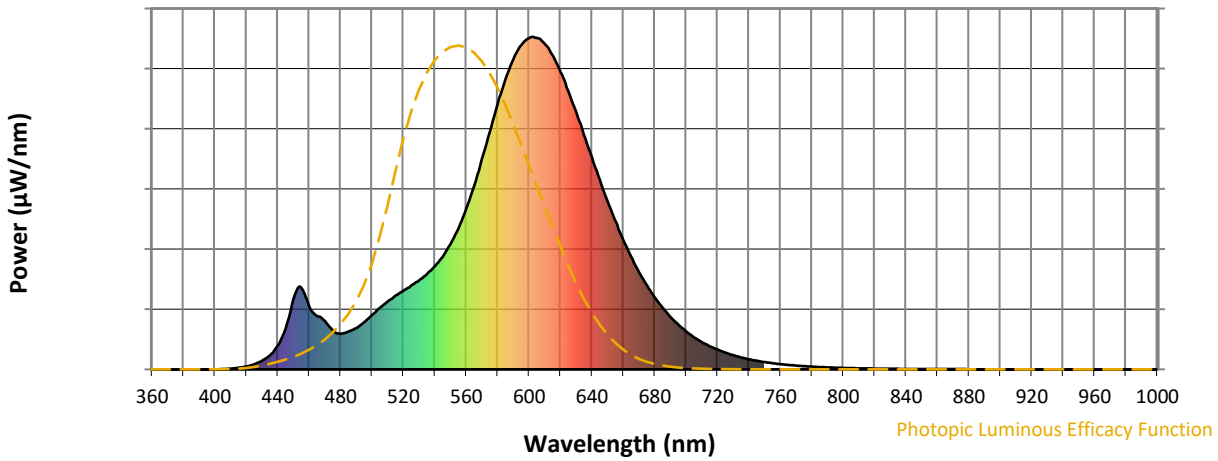


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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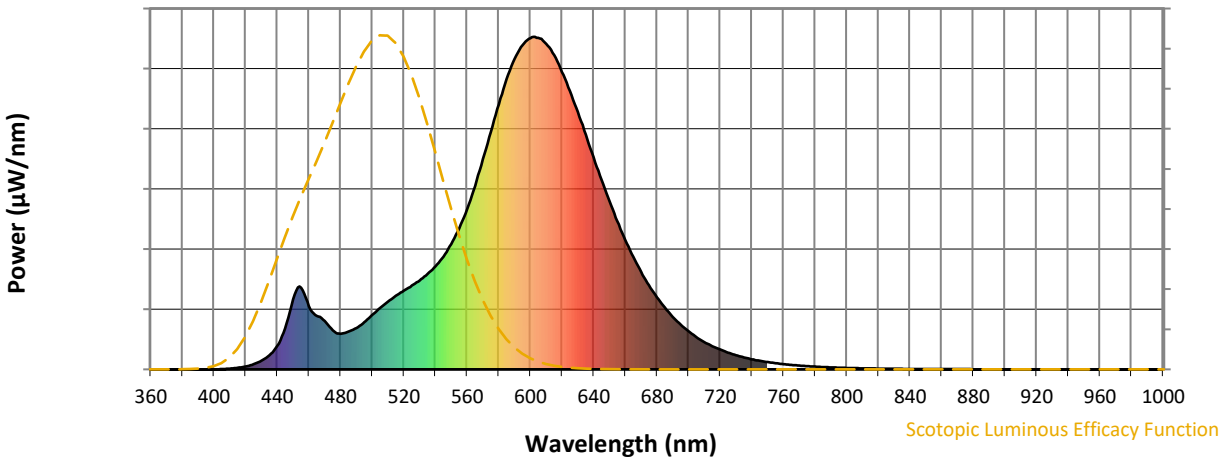
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 0.98**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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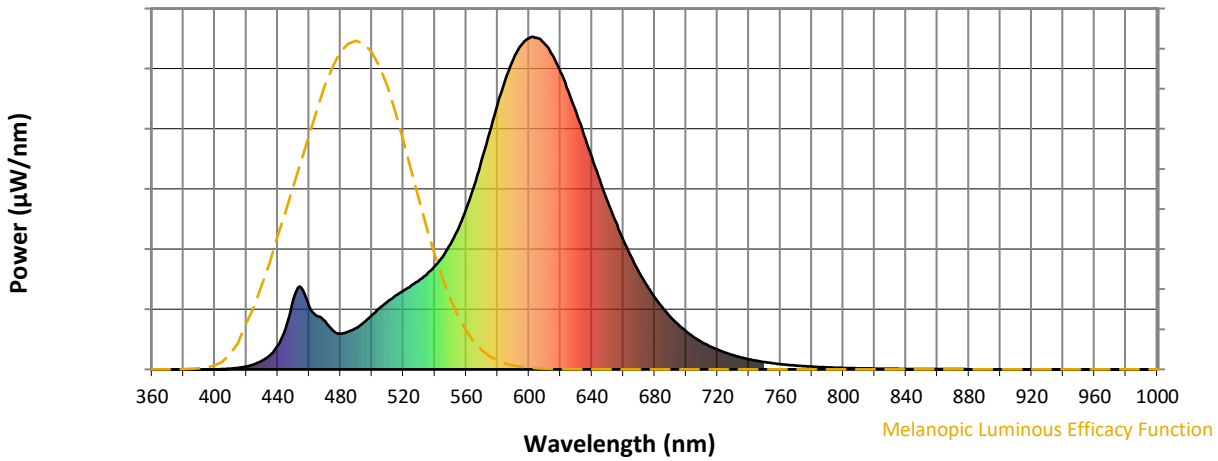
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.75**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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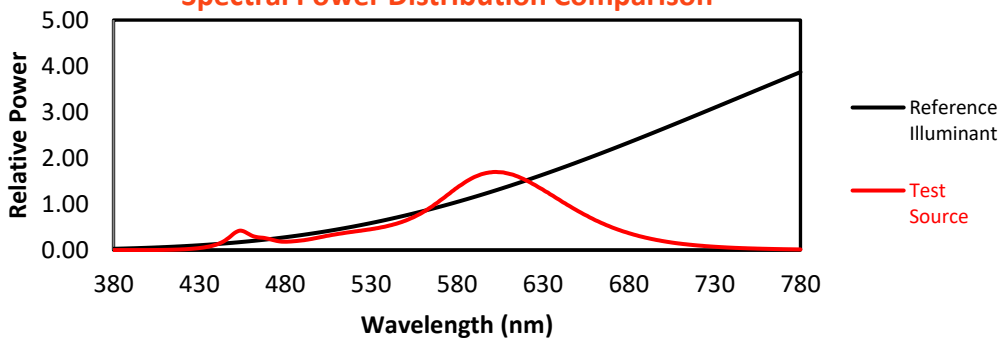
TM-30-18

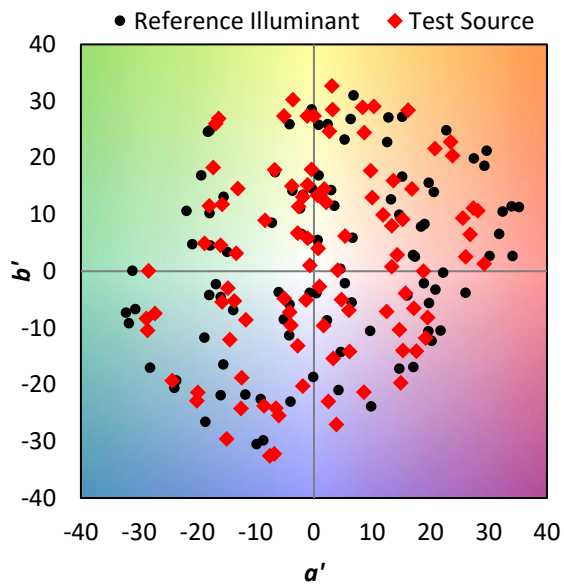
Summary

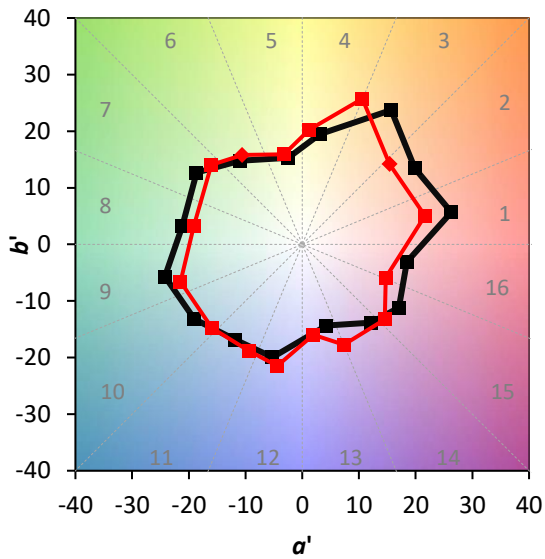
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

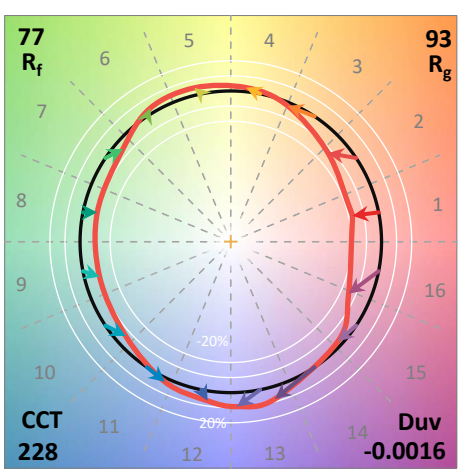
Spectral Power Distribution Comparison

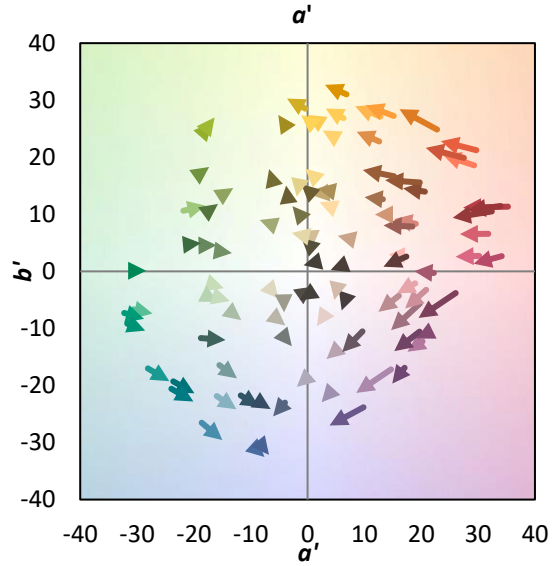


Color Vector Graphics



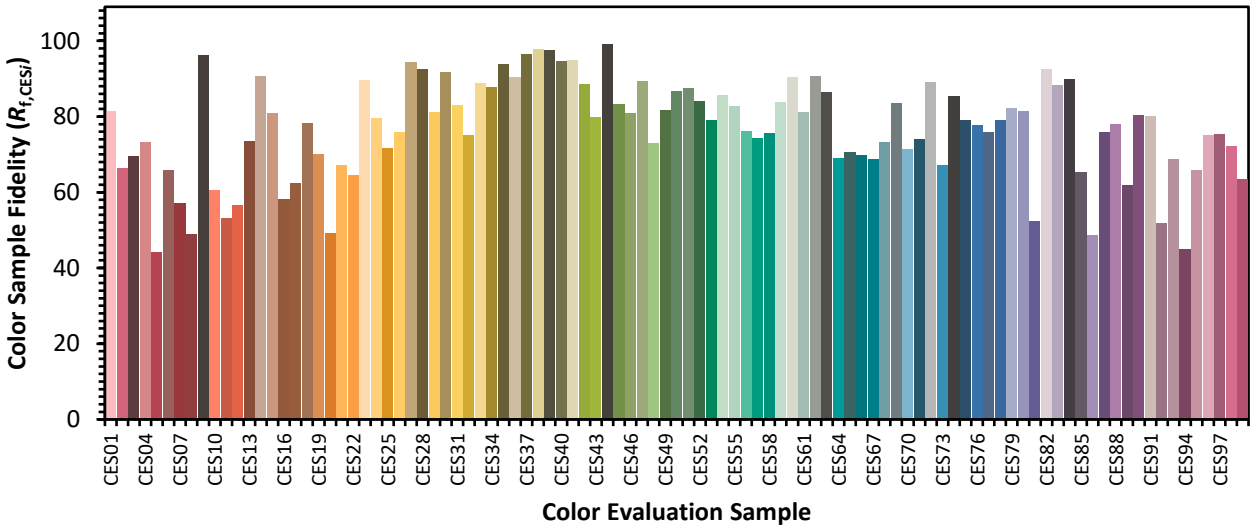




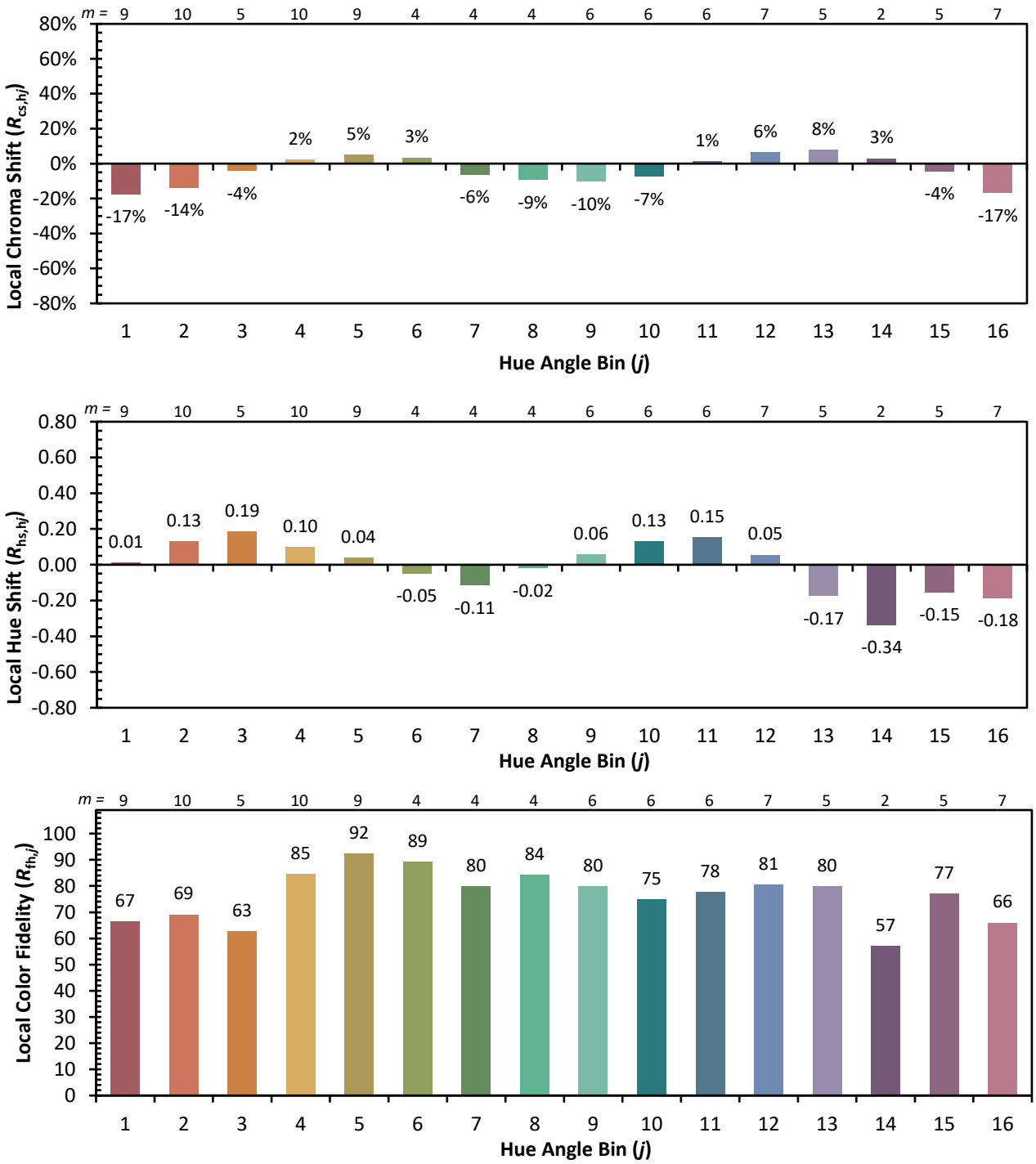


Individual Sample Fidelity Index ($R_{f,i}$)

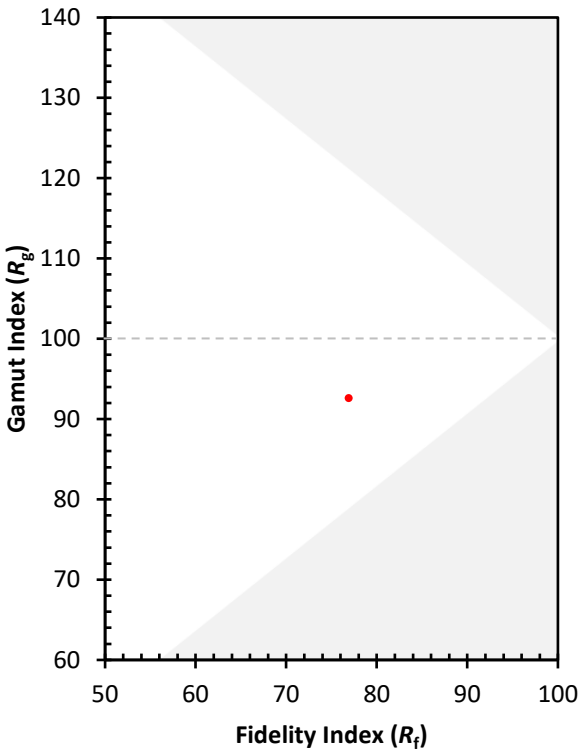
CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 92
CES08 = 42	CES33 = 89	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 88	CES59 = 84	CES84 = 90
CES10 = 79	CES35 = 94	CES60 = 91	CES85 = 65
CES11 = 62	CES36 = 90	CES61 = 81	CES86 = 49
CES12 = 68	CES37 = 96	CES62 = 91	CES87 = 76
CES13 = 44	CES38 = 98	CES63 = 86	CES88 = 78
CES14 = 75	CES39 = 98	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 95	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 95	CES66 = 70	CES91 = 80
CES17 = 51	CES42 = 89	CES67 = 69	CES92 = 52
CES18 = 57	CES43 = 80	CES68 = 73	CES93 = 69
CES19 = 74	CES44 = 99	CES69 = 84	CES94 = 45
CES20 = 68	CES45 = 83	CES70 = 71	CES95 = 66
CES21 = 88	CES46 = 81	CES71 = 74	CES96 = 75
CES22 = 81	CES47 = 89	CES72 = 89	CES97 = 75
CES23 = 92	CES48 = 73	CES73 = 67	CES98 = 72
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 64
CES25 = 73	CES50 = 87	CES75 = 79	

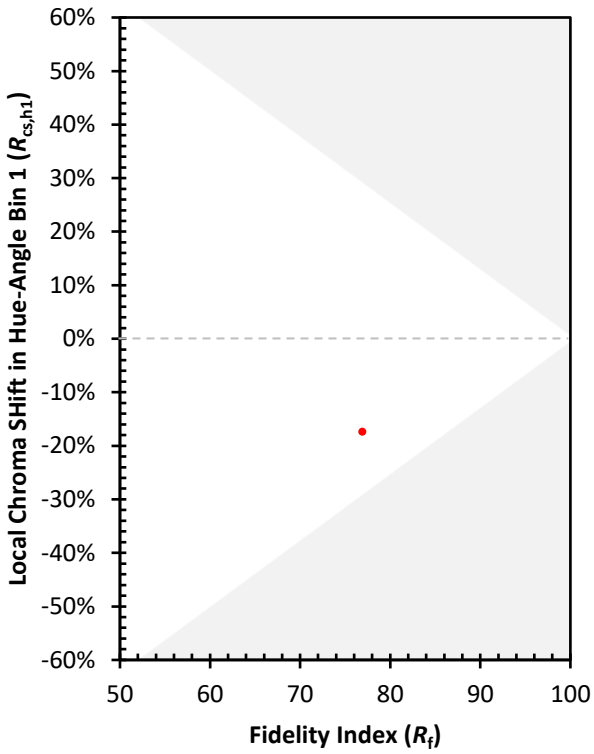


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)