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: P1461182

Luminaire Tested: PRV-PC1B-730-U-T2RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461182
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1B-730-U-T2RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 585MA 70CRI 3000K FIXTURE w/ TYPE II ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11301.7 lumens
Efficiency:	N/A
Efficacy:	154.8 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):	73
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.73%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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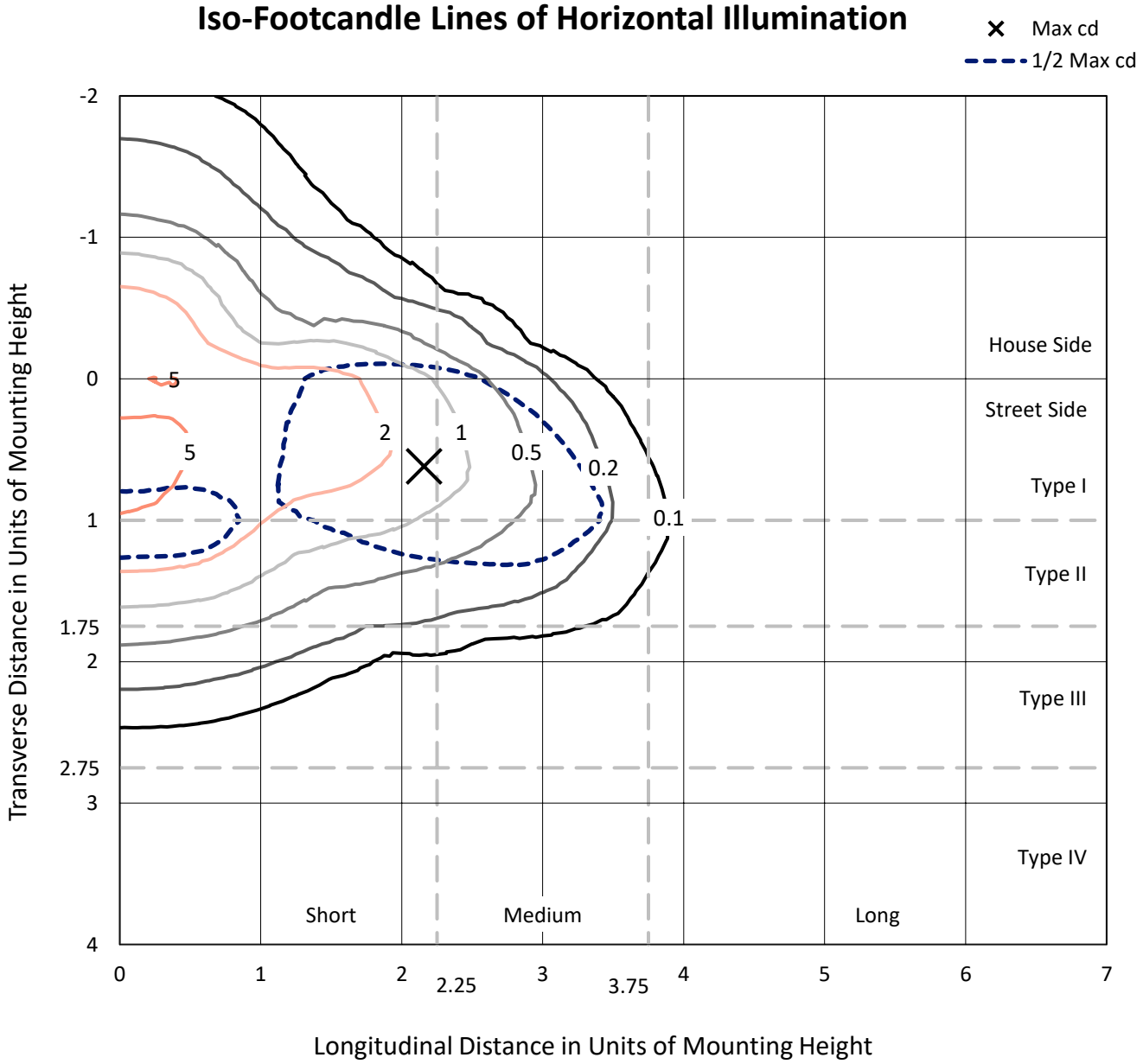
Scaled Data Report

REPORT NUMBER: P1461182
CATALOG NUMBER: PRV-PC1B-730-U-T2RE

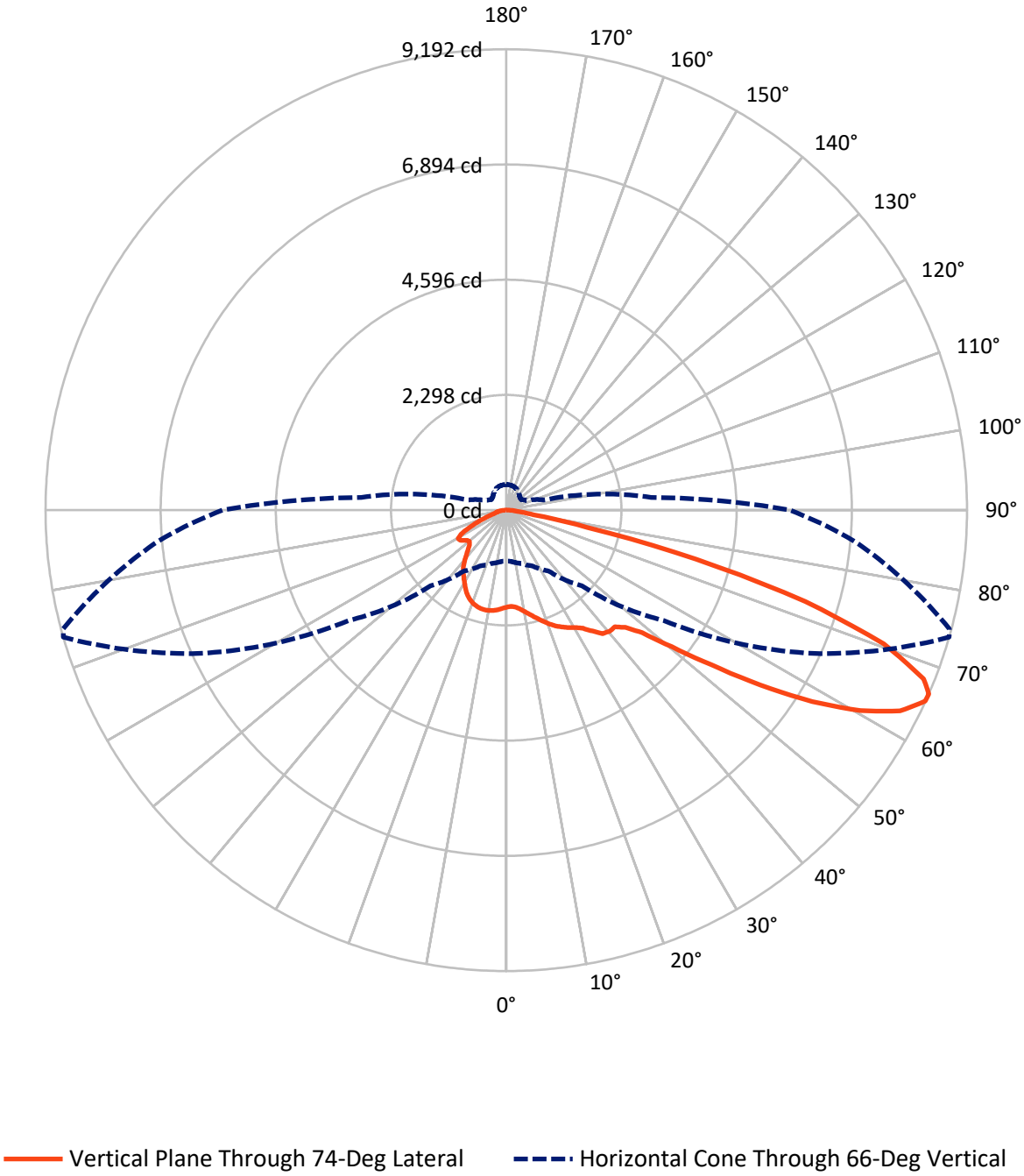
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 5.7 fc
Type II - Short - N/A

REPORT NUMBER: P1461182
CATALOG NUMBER: PRV-PC1B-730-U-T2RE

Luminous Intensity Polar Plot



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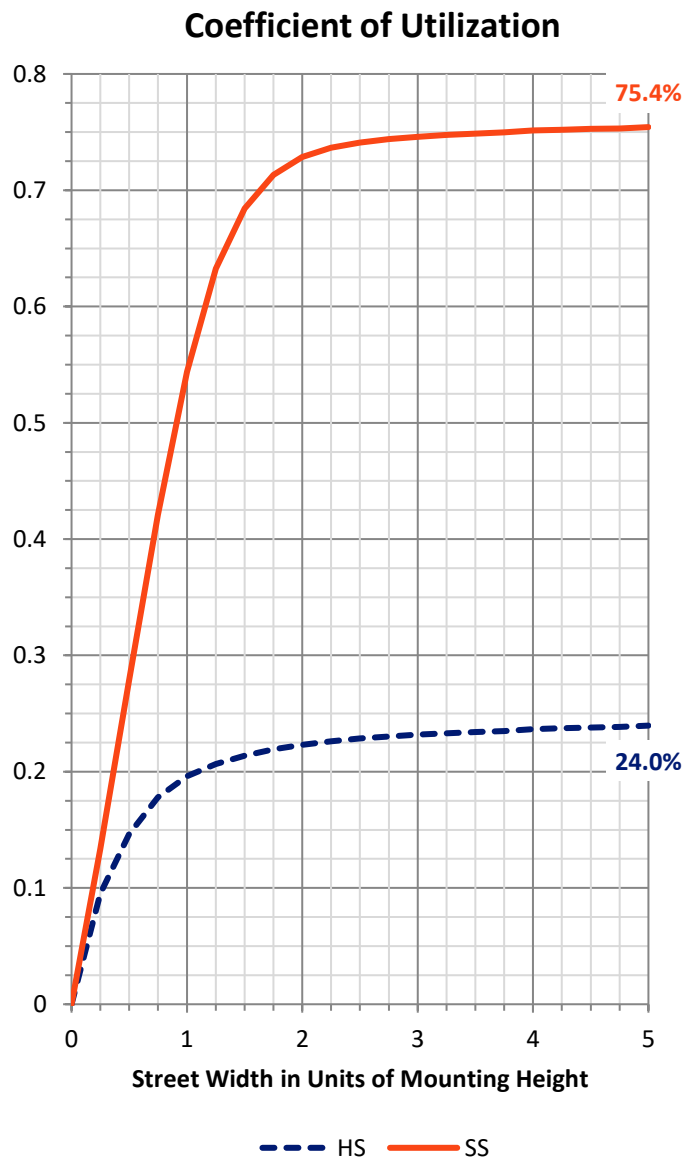
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2750.9	0.0	2750.9
	% Fixture	24.3	0.0	24.3
Street Side	Lumens	8550.9	0.0	8550.9
	% Fixture	75.7	0.0	75.7
Total	Lumens	11301.7	0.0	11301.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.9	1.6
10°-20°	561.9	5.0
20°-30°	1046.9	9.3
30°-40°	1570.6	13.9
40°-50°	2069.8	18.3
50°-60°	2523.0	22.3
60°-70°	2306.0	20.4
70°-80°	901.3	8.0
80°-90°	140.3	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°	11301.7	100.0
0°-180°	11301.7	100.0



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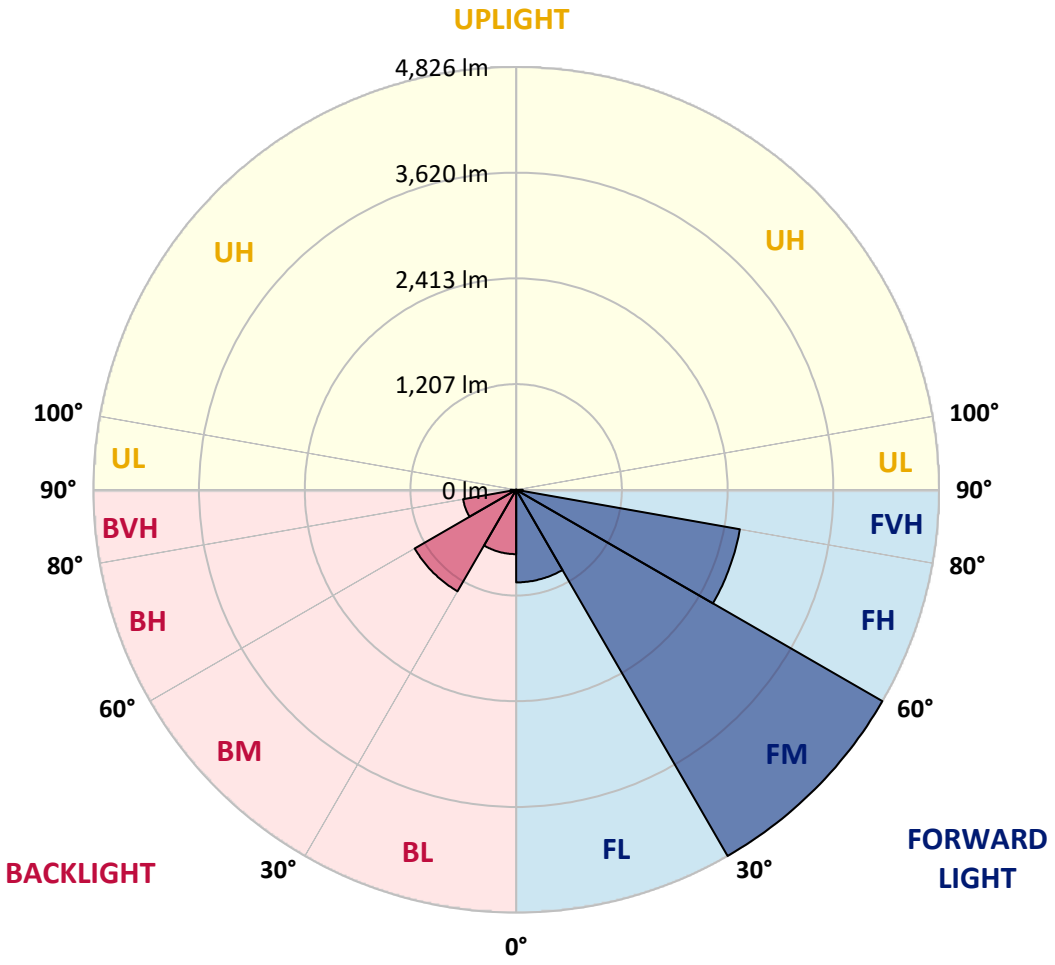
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1056.5	9.3			
FM	(30°-60°)	4826.0	42.7			
FH	(60°-80°)	2592.4	22.9			G2/5000
FVH	(80°-90°)	75.9	0.7			G1/100
BL	(0°-30°)	734.2	6.5	B2/1000		
BM	(30°-60°)	1337.4	11.8	B2/2500		
BH	(60°-80°)	614.9	5.4	B2/1000		G2/1000
BVH	(80°-90°)	64.4	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°	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2	*1933.2*	1933.2	1933.2
2.5°	1914.8	1913.8	1909.6	1911.2	1913.3	1914.3	1918.5	1915.9	*1920.1*	1925.8	1930.0
5°	1859.3	1860.3	1866.6	1880.2	1905.4	1927.4	1943.7	1945.2	*1941.6*	1948.4	1951.5
7.5°	1774.9	1770.7	1784.3	1808.4	1840.9	1890.2	1951.0	1986.6	*1989.3*	1995.6	1998.2
10°	1805.8	1806.8	1804.2	1797.4	1814.2	1859.3	1938.4	2019.7	*2060.0*	2066.8	2068.4
12.5°	1985.6	1982.5	1963.1	1935.3	1911.2	1895.4	1949.4	2051.6	*2139.2*	2144.4	2160.7
15°	2212.6	2191.1	2179.0	2142.3	2087.8	2027.5	2009.7	2101.4	*2225.7*	2240.9	2271.3
17.5°	2423.3	2410.7	2398.1	2355.7	2282.3	2206.3	2129.7	2168.0	*2322.1*	2343.1	2387.6
20°	2642.4	2639.2	2622.5	2584.2	2507.7	2402.8	2282.3	2259.7	*2415.4*	2441.1	2515.0
22.5°	2866.7	2868.3	2851.5	2802.3	2739.9	2610.9	2453.2	2356.2	*2506.1*	2539.7	2633.5
25°	3073.8	3070.1	3045.5	3027.1	2970.0	2839.0	2650.3	2468.4	*2581.6*	2617.8	2742.5
27.5°	3232.6	3219.0	3245.2	3237.3	3181.8	3051.8	2836.3	2592.1	*2652.9*	2695.3	2837.4
30°	3411.9	3399.8	3428.1	3452.3	3394.6	3265.1	3017.7	2696.4	*2714.7*	2763.5	2927.0
32.5°	3663.0	3658.3	3655.6	3673.5	3630.5	3471.6	3200.6	2844.2	*2808.0*	2855.7	3017.7
35°	4014.7	3999.0	3947.6	3916.7	3871.1	3672.9	3408.7	3045.5	*2961.1*	3010.4	3121.0
37.5°	4395.8	4388.4	4294.1	4180.3	4059.3	3850.1	3602.7	3244.2	*3125.2*	3168.1	3202.7
40°	4818.3	4762.7	4683.6	4509.5	4265.3	3957.6	3633.1	3223.7	*3173.9*	3228.4	3218.5
42.5°	5172.1	5098.2	5009.6	4836.6	4474.9	4083.4	3676.1	3220.0	*3181.3*	3243.6	3193.8
45°	5447.3	5412.7	5274.3	5097.1	4689.8	4199.2	3792.4	3364.7	*3333.8*	3399.8	3245.7
47.5°	5493.4	5456.7	5410.1	5282.2	4836.1	4330.8	3953.9	3641.5	*3649.3*	3740.6	3455.9
50°	5078.3	5069.3	5146.4	5232.4	4911.0	4414.6	4149.4	4055.1	*4279.9*	4335.0	3985.9
52.5°	4276.8	4266.3	4518.4	4827.2	4727.1	4459.7	4386.9	4664.2	*5115.5*	5207.2	4677.3
55°	3392.5	3458.5	3693.9	4190.3	4231.7	4277.3	4633.8	5368.1	*6154.4*	6200.0	5427.4
57.5°	2861.5	2841.1	3016.1	3475.3	3612.7	3890.5	4735.4	6139.2	*7201.2*	7162.4	6157.0
60°	2409.7	2417.5	2510.8	2853.6	3032.4	3331.2	4665.7	6833.7	*8122.2*	8075.5	6774.5
62.5°	1824.1	1806.3	1899.6	2181.6	2548.6	2843.7	4424.1	7161.4	*8815.1*	8765.9	7075.4
65°	1193.0	1215.1	1290.0	1466.1	1808.9	2374.5	4024.1	6969.0	*9185.7*	9140.1	7056.0
66°	*1014.8*	*1023.7*	*1099.7*	*1225.0*	*1484.0*	*2133.4*	*3835.4*	*6761.4*	*9192.0*	*9153.8*	*6950.6*
67.5°	777.4	790.5	854.4	932.0	1089.2	1653.3	3500.5	6335.8	*8981.8*	8947.2	6651.8
70°	570.3	574.5	625.3	643.2	669.4	914.2	2626.1	5465.1	*7988.5*	7978.0	5497.6
72.5°	435.1	440.3	469.7	484.9	476.5	552.0	1486.1	4452.4	*6237.7*	6227.3	3789.8
75°	375.3	373.7	382.7	381.6	376.4	394.7	652.1	3000.9	*3906.7*	3927.2	1852.5
77.5°	308.2	309.8	316.1	310.3	306.1	308.7	397.3	1556.8	*1651.7*	1608.2	560.3
80°	246.9	249.0	255.3	251.6	245.8	251.6	289.3	563.5	*554.1*	492.7	225.9
82.5°	194.5	188.7	193.9	196.6	191.9	199.2	217.0	257.4	*240.1*	233.8	158.3
85°	125.8	126.9	117.4	131.0	126.9	128.9	148.9	175.6	*168.3*	166.7	109.0
87.5°	41.9	45.6	49.8	50.8	52.4	54.5	64.0	77.6	*97.5*	101.2	45.1
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: P1461182
CATALOG NUMBER: PRV-PC1B-730-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2	1933.2
2.5°	1937.9	1945.8	1956.2	1968.8	1977.7	1984.0	1980.4	1980.9	1979.3	1974.1	1973.0
5°	1960.4	1972.5	1989.8	1993.5	1983.5	1963.6	1939.5	1915.4	1902.3	1888.1	1887.6
7.5°	2008.7	2014.4	2018.6	1989.3	1934.8	1884.4	1831.5	1795.3	1779.1	1769.1	1778.0
10°	2072.6	2073.1	2037.5	1951.5	1859.3	1790.6	1747.1	1719.3	1703.6	1697.8	1700.4
12.5°	2155.4	2143.4	2049.5	1905.9	1786.4	1719.8	1683.7	1666.4	1654.3	1650.1	1652.2
15°	2255.5	2216.2	2046.9	1850.4	1718.3	1665.8	1640.7	1627.6	1619.2	1616.0	1619.7
17.5°	2354.6	2278.6	2030.2	1789.0	1666.9	1630.2	1613.4	1598.8	1595.1	1593.0	1596.1
20°	2452.1	2333.1	2001.3	1723.0	1629.2	1610.8	1592.5	1583.5	1587.7	1589.8	1595.6
22.5°	2541.2	2366.2	1955.2	1654.8	1598.8	1588.3	1582.0	1579.9	1587.2	1591.4	1596.7
25°	2606.7	2375.6	1893.3	1595.6	1562.6	1566.8	1573.6	1570.4	1572.5	1573.1	1576.7
27.5°	2658.1	2372.4	1804.8	1538.5	1518.6	1537.4	1553.1	1540.0	1534.3	1529.0	1532.2
30°	2703.2	2365.1	1708.3	1470.9	1456.7	1488.7	1506.5	1481.9	1466.1	1456.2	1465.6
32.5°	2741.5	2364.1	1618.7	1383.3	1384.9	1419.0	1437.3	1409.0	1385.4	1376.0	1374.4
35°	2781.3	2367.2	1535.3	1294.2	1284.8	1330.4	1339.8	1313.6	1283.7	1273.2	1274.3
37.5°	2805.9	2369.8	1448.8	1181.0	1175.7	1219.2	1228.2	1208.8	1187.3	1175.2	1171.5
40°	2785.5	2338.4	1329.8	1065.7	1047.8	1085.1	1108.6	1105.0	1073.5	1037.4	1035.8
42.5°	2773.4	2308.0	1204.0	954.0	937.8	957.7	999.6	977.6	918.4	911.5	906.8
45°	2869.4	2326.3	1099.2	860.7	824.5	856.5	895.8	843.4	818.2	809.3	816.7
47.5°	3139.8	2430.1	1022.2	794.1	744.9	774.7	789.4	771.1	749.6	746.4	749.6
50°	3730.6	2703.2	987.6	757.4	690.3	708.2	702.4	711.3	695.1	698.2	701.4
52.5°	4480.2	3193.3	1005.4	752.7	652.6	638.5	634.3	653.7	656.8	671.5	676.7
55°	5262.8	3625.2	1067.2	769.5	610.7	560.9	567.7	601.8	632.7	652.6	657.3
57.5°	5925.9	3835.4	1135.9	769.5	554.6	499.5	515.3	565.1	614.3	631.1	633.2
60°	6203.2	3802.4	1157.4	717.6	496.4	449.7	476.5	543.1	589.2	598.6	603.9
62.5°	6165.4	3610.6	1067.2	612.2	435.6	412.5	454.5	519.5	552.0	563.0	565.6
65°	5880.3	3177.6	875.9	489.1	384.2	385.8	436.1	489.6	515.8	528.9	534.1
66°	*5660.1*	*2901.9*	*781.6*	*452.4*	*365.9*	*377.4*	*428.8*	*474.4*	*499.5*	*509.5*	*514.2*
67.5°	5188.9	2410.2	667.3	393.7	345.4	365.9	413.1	451.3	471.2	482.8	486.4
70°	3783.0	1469.3	479.6	314.5	315.6	343.3	373.7	400.5	438.2	454.5	459.7
72.5°	2238.8	734.4	349.1	266.3	291.4	319.8	334.4	364.8	413.6	441.9	449.2
75°	1022.7	360.1	254.8	235.9	261.0	277.8	294.6	336.5	396.3	439.3	446.6
77.5°	347.0	232.2	207.1	211.8	218.1	229.6	254.8	308.2	376.9	424.6	436.6
80°	187.7	184.0	171.4	179.3	180.8	191.3	218.6	272.6	342.3	383.7	386.3
82.5°	150.4	142.6	136.3	139.4	142.6	156.2	175.6	225.4	290.4	236.9	239.6
85°	97.0	85.4	88.6	93.3	96.4	108.5	121.1	167.2	209.1	110.6	105.4
87.5°	28.8	26.2	31.5	35.1	34.6	35.1	46.7	87.5	123.2	51.9	35.6
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: SP2-2501-321-4

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-730-U-T4W

Data in this report applies to families of products including GKO-PB1E-730-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

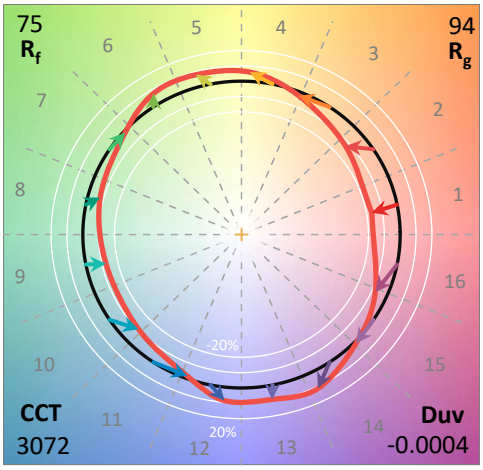
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-4
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-730-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3072	CRI (Ra):	71.7			
CIE u':	0.2482	R1:	68.1	R9:	-33.9	
CIE v':	0.5193	R2:	82.1	R10:	58.6	
Duv:	-0.0004	R3:	93.4	R11:	62.0	
CIE x:	0.4313	R4:	67.3	R12:	48.5	
CIE y:	0.4010	R5:	67.2	R13:	70.7	
CIE z:	0.1677	R6:	74.9	R14:	96.4	
Peak Wavelength (nm):	593	R7:	77.5	R15:	60.2	
Dominant Wavelength (nm):	582	R8:	43.4			
Purity:	49.8225					

Rf:	74.7
Rg:	94.2



Test Conditions

Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.7

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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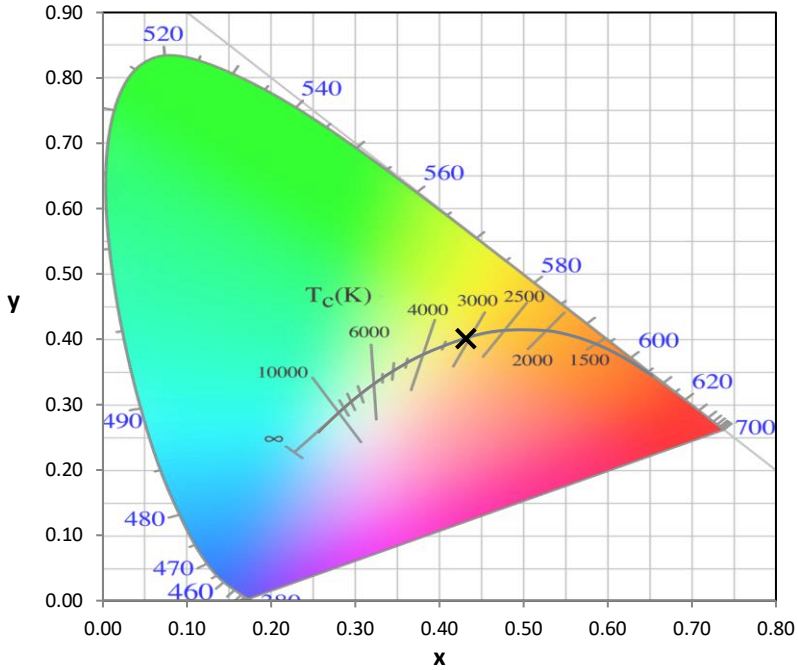
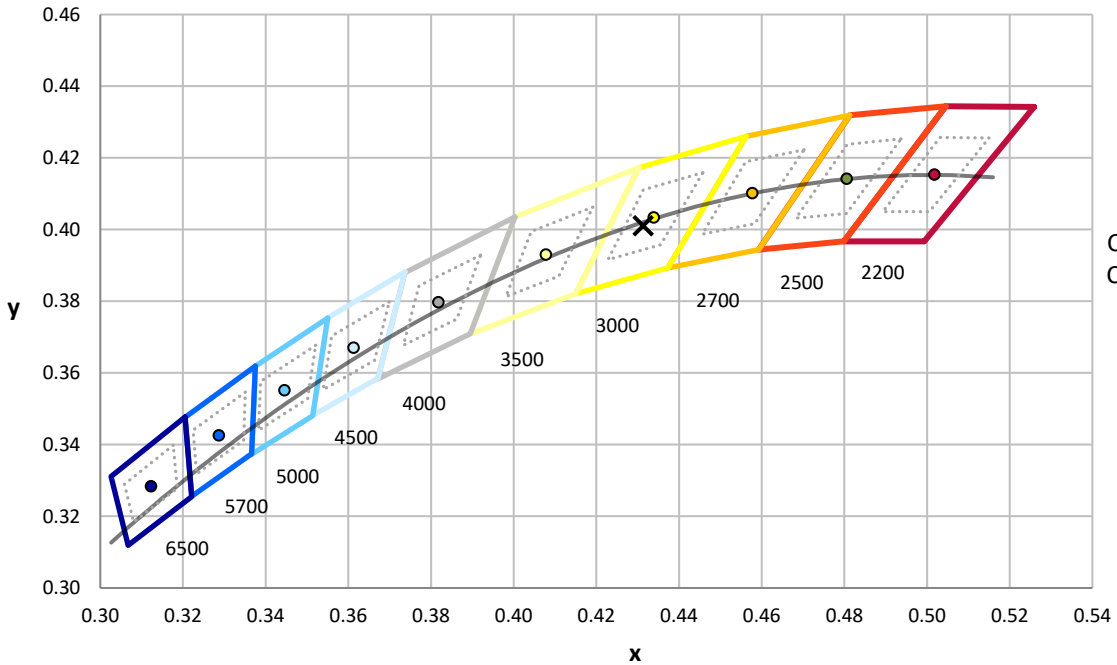
CIE 1931 Chromaticity Diagram



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

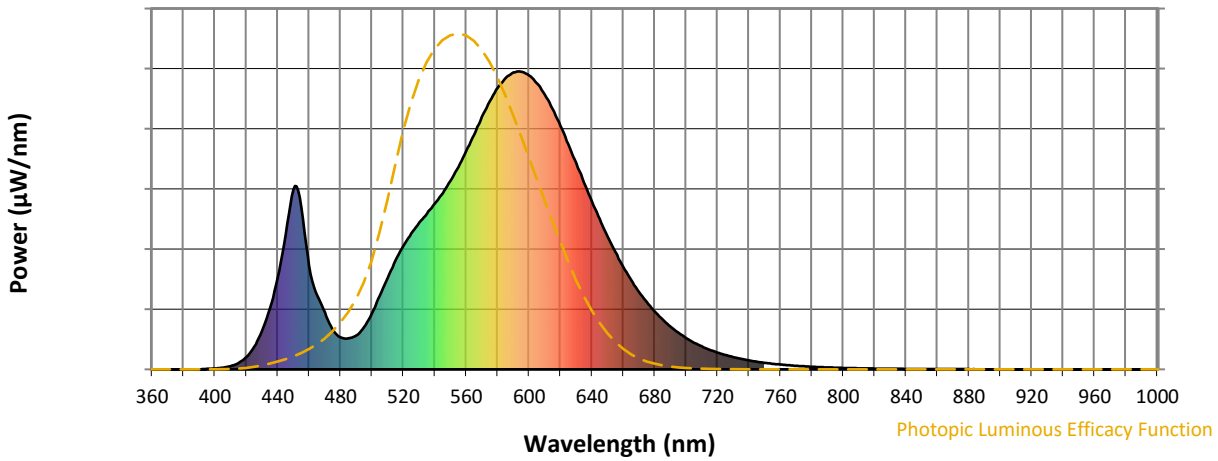


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-4

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	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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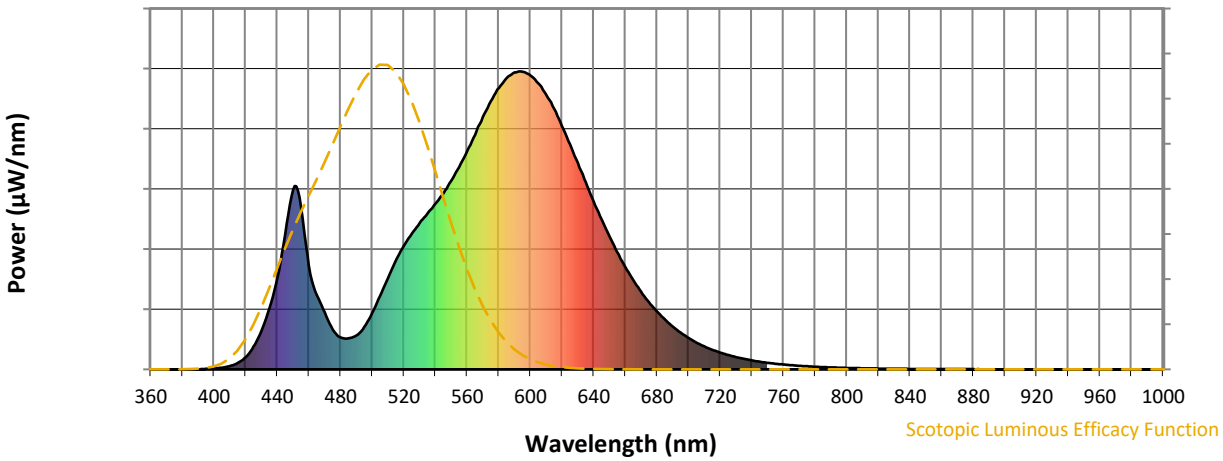
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.24**

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	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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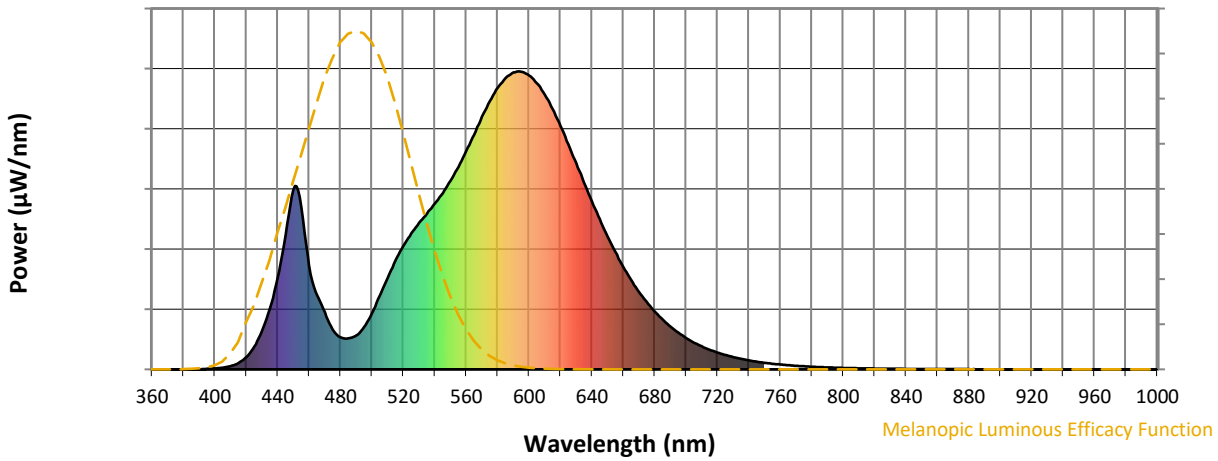
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.3**

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	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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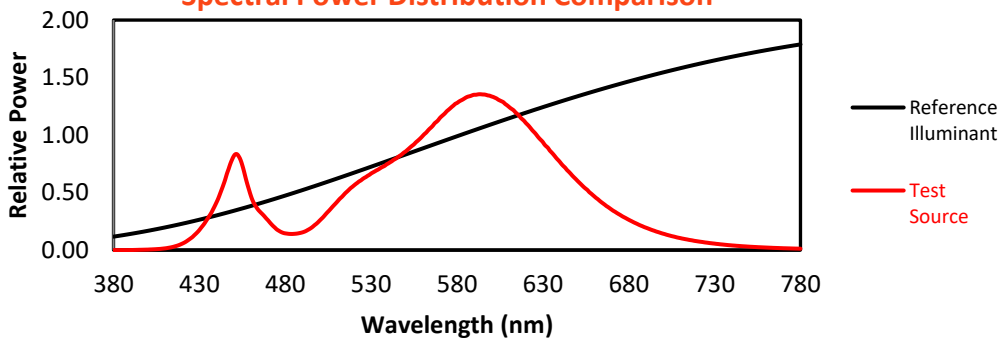
TM-30-18

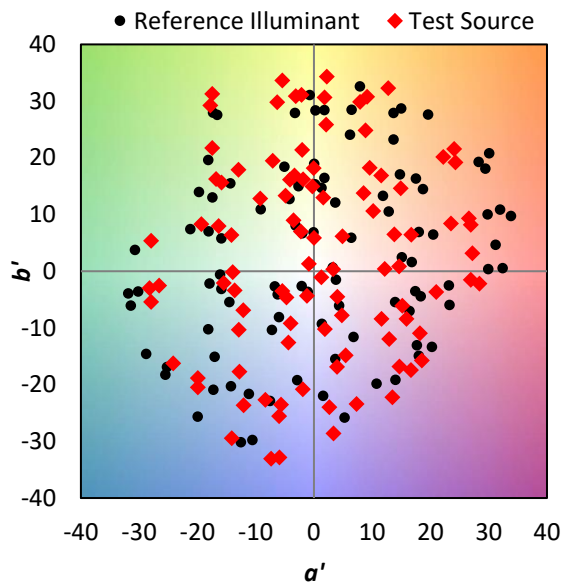
Summary

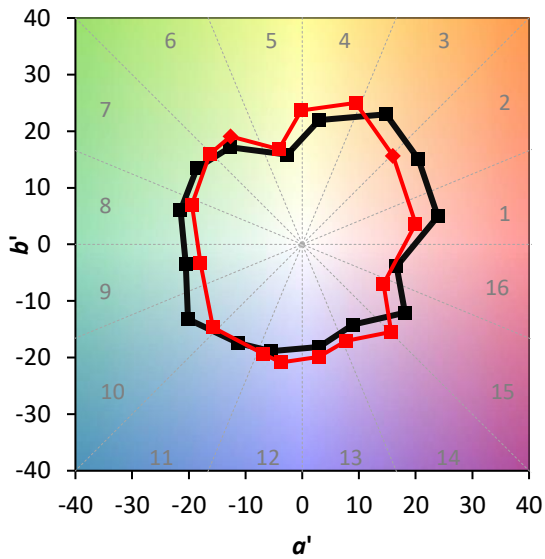
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

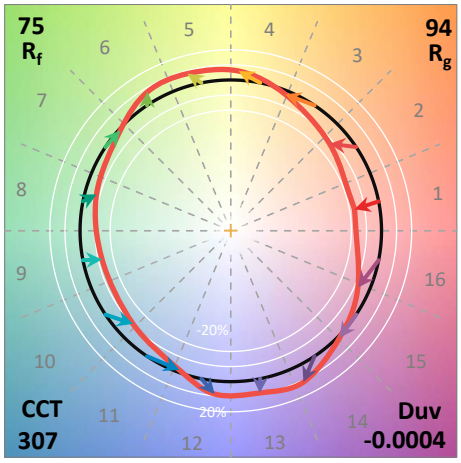
Spectral Power Distribution Comparison

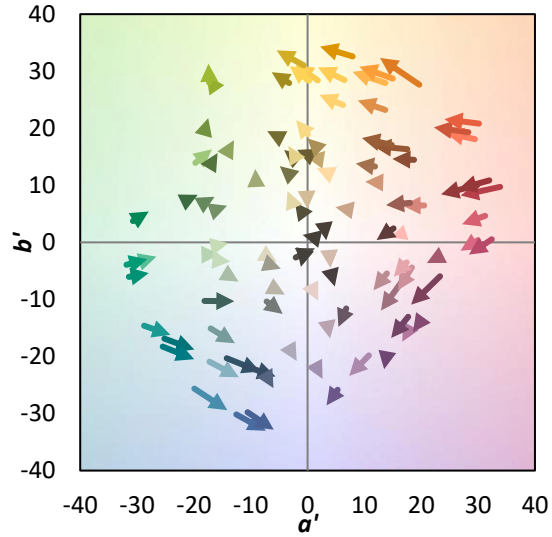


Color Vector Graphics



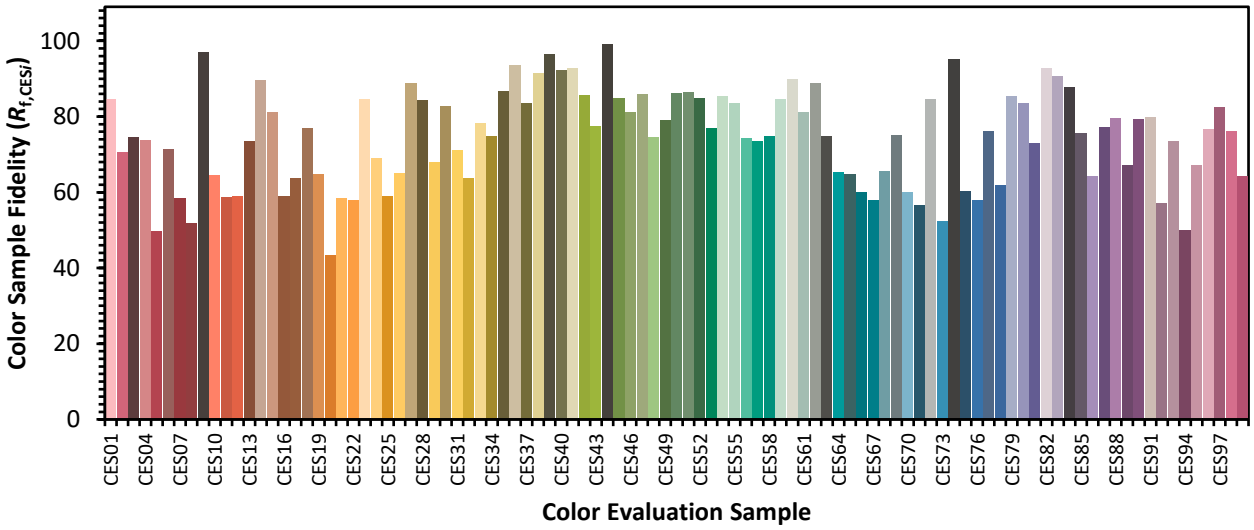




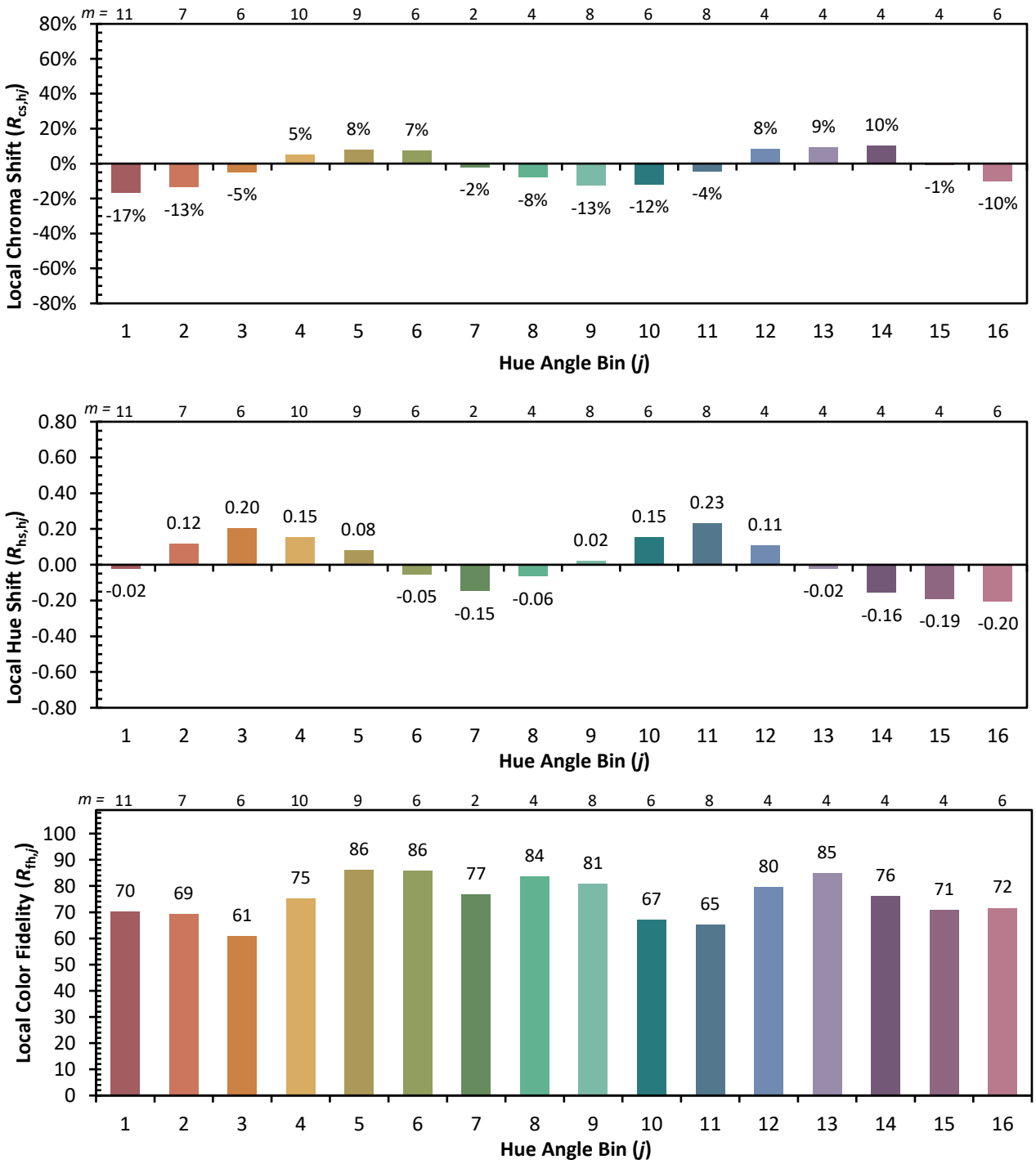


Individual Sample Fidelity Index ($R_{f,i}$)

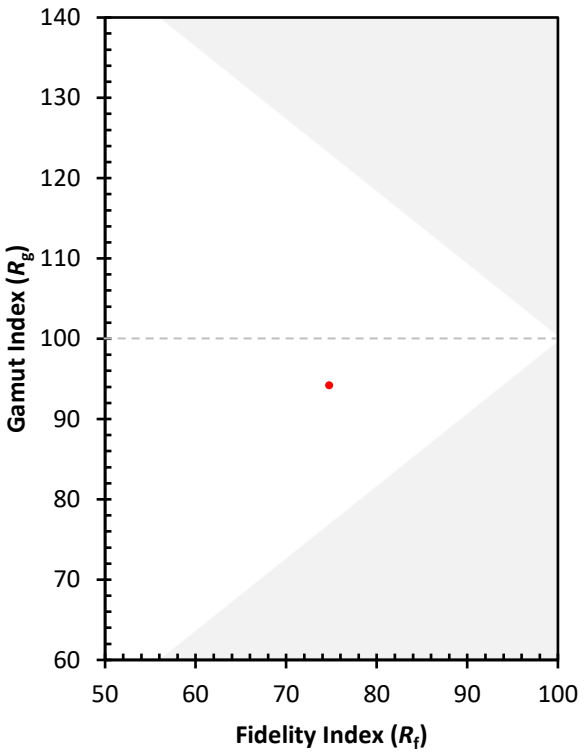
CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 78	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 75	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 76
CES11 = 59	CES36 = 94	CES61 = 81	CES86 = 64
CES12 = 65	CES37 = 84	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 65	CES89 = 67
CES15 = 71	CES40 = 92	CES65 = 65	CES90 = 79
CES16 = 47	CES41 = 93	CES66 = 60	CES91 = 80
CES17 = 50	CES42 = 86	CES67 = 58	CES92 = 57
CES18 = 56	CES43 = 78	CES68 = 66	CES93 = 74
CES19 = 73	CES44 = 99	CES69 = 75	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 60	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 57	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 52	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 60	

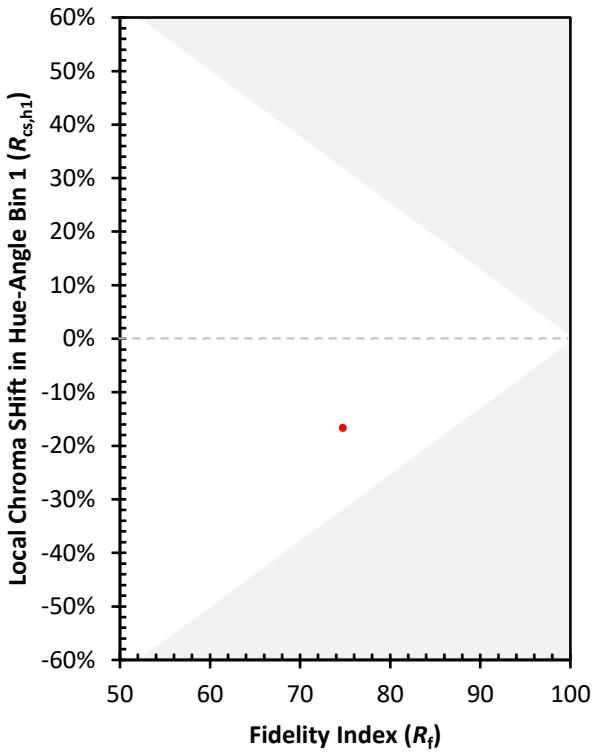


Color Rendition by Hue-Angle Bin



Measure Comparisons





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