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: P1460559

Luminaire Tested: PRV-PC1C-730-U-T4W

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460559
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1C-730-U-T4W
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 880MA 70CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(40) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15944.3 lumens
Efficiency:	N/A
Efficacy:	143.6 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):	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: P1460559
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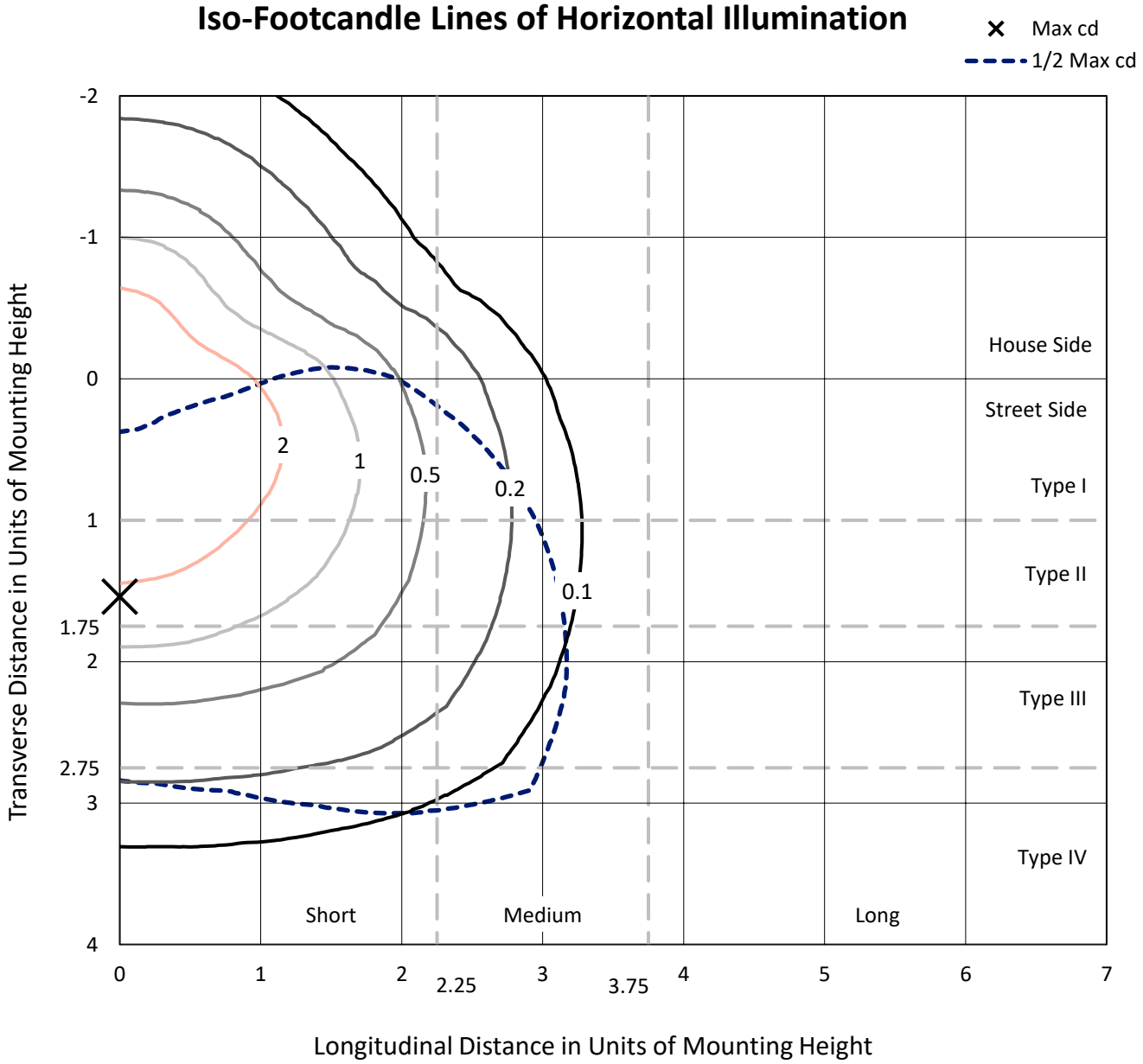
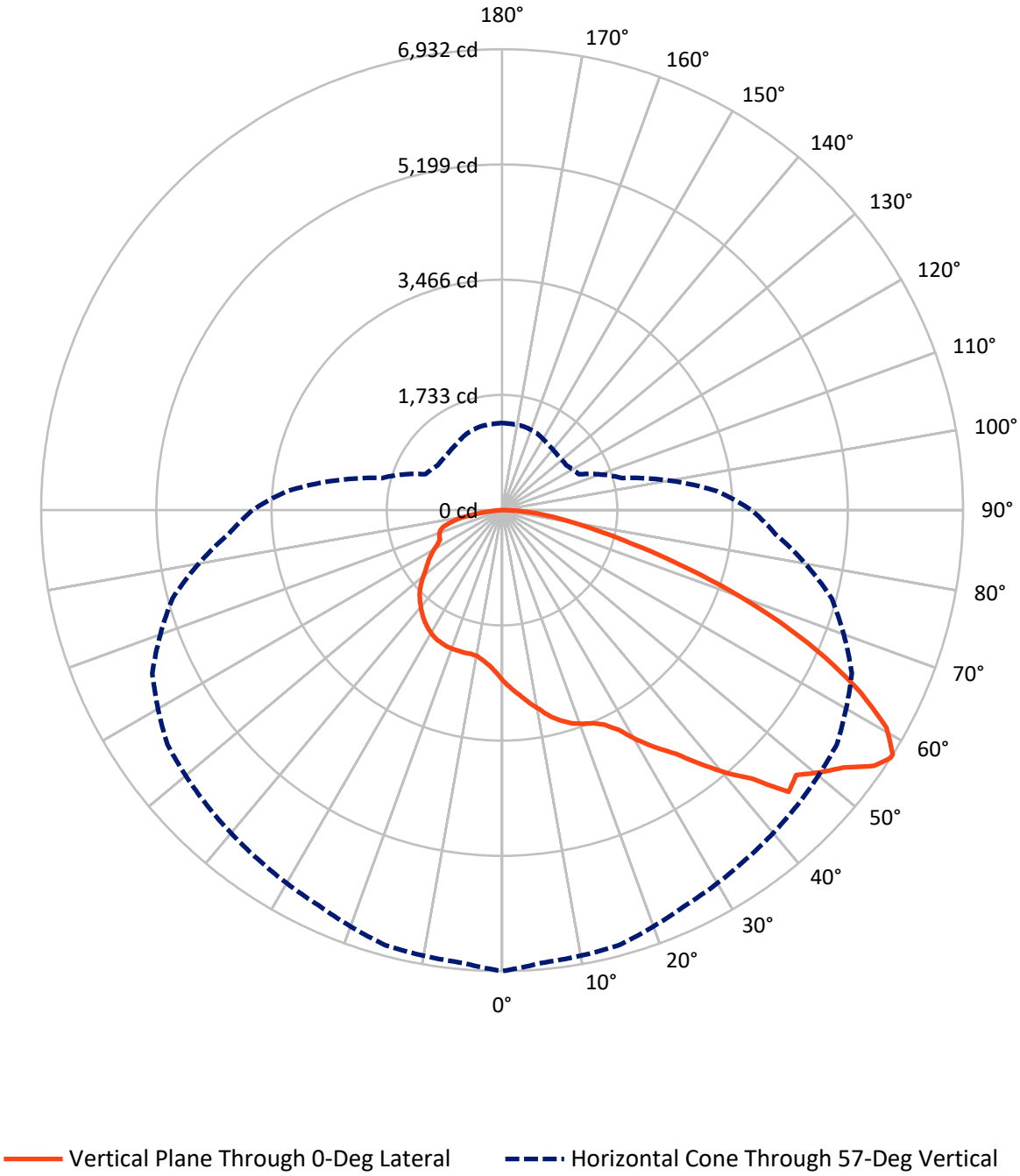
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 4.7 fc
Type IV - Short - N/A

REPORT NUMBER: P1460559
CATALOG NUMBER: PRV-PC1C-730-U-T4W

Luminous Intensity Polar Plot



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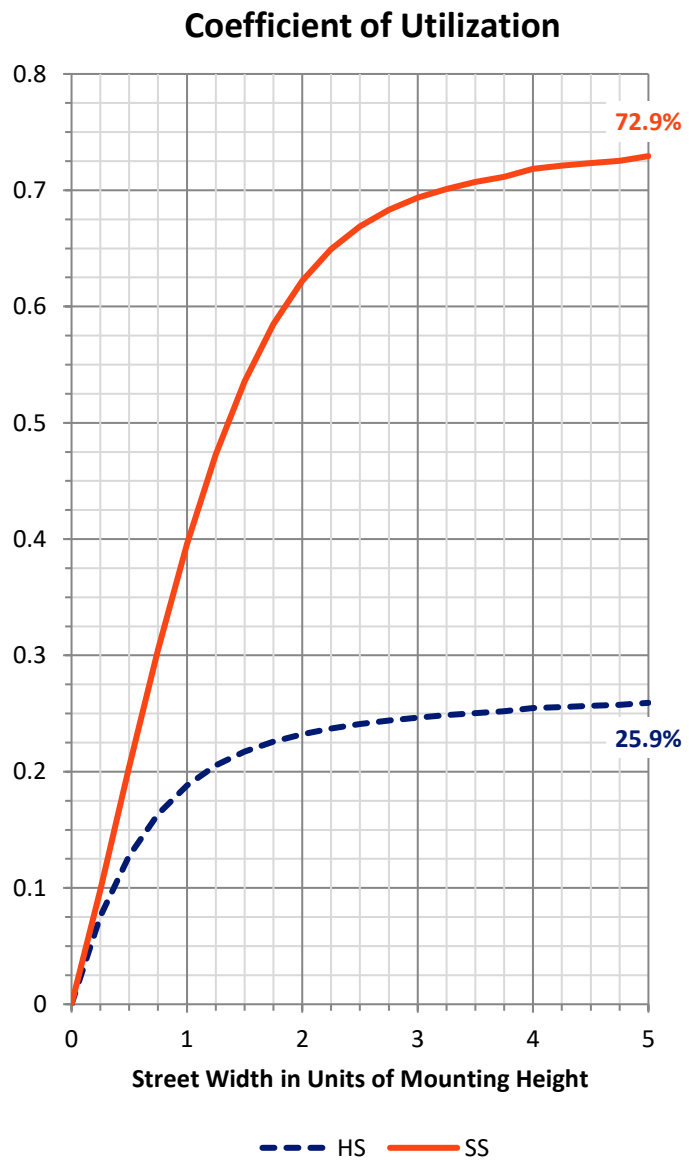
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4203.9	0.0	4203.9
	% Fixture	26.4	0.0	26.4
Street Side	Lumens	11740.3	0.0	11740.3
	% Fixture	73.6	0.0	73.6
Total	Lumens	15944.3	0.0	15944.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	246.4	1.5
10°-20°	759.7	4.8
20°-30°	1301.7	8.2
30°-40°	1915.3	12.0
40°-50°	2635.5	16.5
50°-60°	3325.7	20.9
60°-70°	3369.9	21.1
70°-80°	1935.3	12.1
80°-90°	454.8	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°	15944.3	100.0
0°-180°	15944.3	100.0



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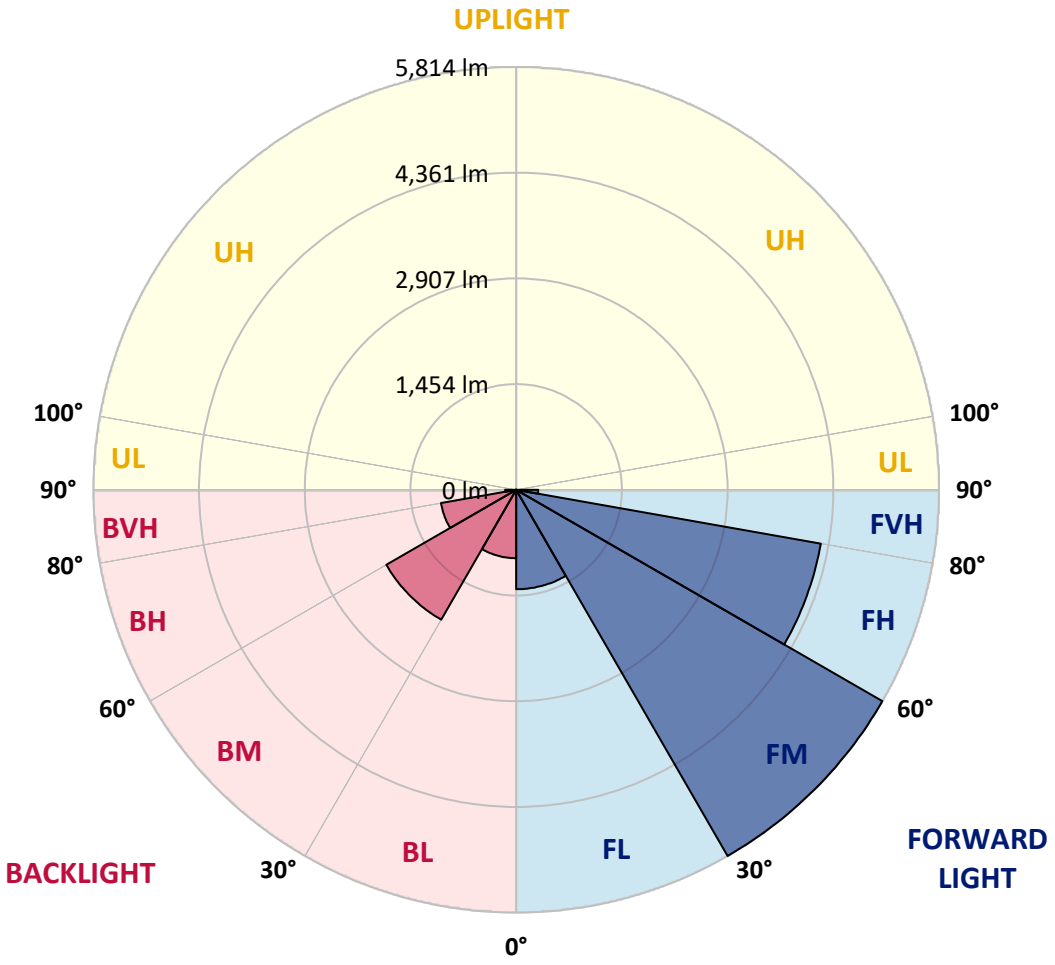
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1366.7	8.6			
FM	(30°-60°)	5814.4	36.5			
FH	(60°-80°)	4254.8	26.7			G2/5000
FVH	(80°-90°)	304.4	1.9			G3/500
BL	(0°-30°)	941.1	5.9	B2/1000		
BM	(30°-60°)	2062.0	12.9	B2/2500		
BH	(60°-80°)	1050.4	6.6	B3/2500		G3/2500
BVH	(80°-90°)	150.4	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°	*2569.7*	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7
2.5°	*2687.4*	2694.2	2688.2	2677.6	2661.0	2651.2	2645.9	2619.5	2602.9	2586.3	2571.2
5°	*2796.0*	2805.9	2803.6	2781.0	2764.4	2744.0	2711.5	2670.1	2633.8	2589.3	2566.7
7.5°	*2922.8*	2922.8	2906.2	2892.6	2855.6	2824.7	2783.2	2727.4	2666.3	2605.9	2567.4
10°	*3041.2*	3048.8	3036.0	3010.3	2966.6	2922.0	2863.2	2801.3	2714.6	2631.6	2584.8
12.5°	*3177.1*	3177.1	3162.7	3122.7	3083.5	3020.9	2950.7	2868.5	2776.4	2668.5	2608.9
15°	*3281.2*	3284.9	3274.4	3248.7	3199.7	3141.6	3045.0	2950.0	2827.7	2704.0	2629.3
17.5°	*3370.9*	3370.2	3361.1	3343.8	3316.6	3257.8	3153.7	3030.7	2888.1	2734.9	2651.9
20°	*3429.0*	3434.3	3426.8	3435.8	3418.5	3369.4	3266.1	3120.5	2956.0	2771.9	2677.6
22.5°	*3481.9*	3482.6	3488.6	3498.5	3500.0	3478.1	3392.8	3227.6	3028.4	2814.9	2701.7
25°	*3573.1*	3568.6	3569.4	3569.4	3585.2	3586.0	3515.8	3358.1	3121.2	2871.5	2742.5
27.5°	*3742.1*	3735.4	3701.4	3677.3	3677.3	3696.1	3653.1	3493.9	3223.8	2927.3	2781.0
30°	*4010.0*	3996.4	3927.7	3840.2	3809.3	3827.4	3795.0	3644.8	3331.7	2996.7	2820.2
32.5°	*4258.2*	4255.9	4189.5	4080.1	4007.7	3983.6	3954.9	3809.3	3466.8	3069.2	2876.8
35°	*4498.1*	4494.3	4424.2	4363.8	4262.0	4172.9	4113.3	3944.3	3570.1	3137.8	2928.1
37.5°	*4840.6*	4823.3	4741.1	4668.6	4517.7	4321.6	4255.9	4110.3	3722.5	3233.6	3015.6
40°	*5196.0*	5177.9	5038.3	4940.2	4780.3	4552.4	4431.0	4300.4	3871.9	3350.6	3115.9
42.5°	*5523.4*	5499.3	5358.2	5173.4	4996.8	4796.9	4646.7	4479.3	4060.5	3469.0	3214.8
45°	*6043.3*	5857.7	5688.7	5544.6	5228.4	5035.3	4880.6	4711.6	4262.0	3605.6	3333.2
47.5°	*5952.0*	5915.0	5906.7	5906.0	5460.1	5294.1	5130.4	4929.7	4465.7	3737.6	3446.4
50°	*6197.9*	6148.1	6242.4	6113.4	5681.9	5553.6	5383.1	5162.0	4670.9	3859.1	3557.3
52.5°	*6430.3*	6437.8	6413.0	6179.8	5934.6	5793.5	5657.7	5404.2	4859.5	3981.3	3653.9
55°	*6789.4*	6716.2	6643.1	6419.0	6195.7	6039.5	5945.2	5626.8	5027.8	4083.9	3723.3
57°	*6932.0*	*6833.9*	*6774.3*	*6550.3*	*6405.4*	*6277.1*	*6144.4*	*5804.1*	*5132.6*	*4127.7*	*3753.5*
57.5°	*6927.5*	6837.0	6800.0	6562.3	6440.1	6328.5	6176.8	5832.8	5143.9	4124.7	3747.4
60°	*6644.6*	6629.5	6766.8	6572.9	6571.4	6542.7	6369.9	5950.5	5170.3	4080.9	3682.5
62.5°	*6060.6*	6126.3	6401.6	6480.9	6670.2	6732.1	6456.0	5910.5	5052.7	3914.9	3515.8
65°	*5343.1*	5466.9	5806.4	6180.6	6655.1	6844.5	6438.6	5699.2	4773.5	3614.6	3201.9
67.5°	*4523.0*	4639.2	5033.8	5614.7	6398.6	6669.5	6213.8	5301.6	4318.6	3205.7	2799.1
70°	*3648.6*	3736.9	4064.3	4747.1	5767.1	6157.2	5615.5	4702.6	3686.3	2708.5	2324.5
72.5°	*2778.7*	2812.6	3119.7	3763.3	4745.6	5231.5	4671.6	3865.1	3048.0	2170.6	1869.6
75°	*2015.9*	2050.6	2310.9	2705.5	3451.7	4073.4	3640.3	3003.5	2320.7	1653.8	1434.2
77.5°	*1440.3*	1478.0	1622.9	1851.5	2361.5	2891.9	2583.3	2193.2	1600.2	1083.4	994.4
80°	*1023.1*	1038.1	1189.8	1278.1	1533.1	1862.8	1776.8	1513.5	1024.6	724.3	665.4
82.5°	*705.4*	717.5	845.0	890.3	990.6	1179.2	1179.2	1031.4	649.6	472.3	451.2
85°	*417.2*	419.5	520.6	563.6	579.4	700.9	720.5	560.6	356.9	213.5	211.3
87.5°	*155.4*	154.7	237.7	217.3	190.1	213.5	247.5	169.0	123.0	55.1	42.3
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: P1460559
CATALOG NUMBER: PRV-PC1C-730-U-T4W

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7	2569.7
2.5°	2555.4	2538.0	2526.7	2507.8	2492.0	2473.1	2467.9	2451.3	2449.0	2444.5
5°	2543.3	2502.6	2463.3	2428.6	2403.7	2379.6	2366.8	2351.7	2342.6	2347.9
7.5°	2540.3	2478.4	2415.0	2369.0	2332.8	2296.6	2282.3	2274.7	2274.7	2282.3
10°	2545.6	2458.8	2379.6	2315.5	2270.2	2237.7	2222.7	2216.6	2225.7	2228.7
12.5°	2555.4	2449.7	2353.2	2275.5	2226.4	2192.5	2189.5	2194.0	2206.1	2211.3
15°	2561.4	2432.4	2319.2	2230.2	2187.2	2169.1	2166.1	2182.7	2208.3	2216.6
17.5°	2576.5	2412.8	2275.5	2191.0	2151.7	2149.5	2158.5	2175.9	2208.3	2214.4
20°	2575.7	2386.4	2232.5	2142.7	2123.8	2131.4	2148.7	2172.1	2205.3	2215.9
22.5°	2589.3	2354.7	2185.7	2094.4	2086.1	2111.7	2137.4	2160.0	2200.0	2212.1
25°	2608.2	2328.3	2130.6	2042.3	2045.4	2078.6	2116.3	2144.9	2184.2	2194.7
27.5°	2627.0	2303.4	2071.8	1978.2	1984.2	2031.8	2089.9	2121.6	2158.5	2177.4
30°	2650.4	2275.5	2009.9	1907.3	1915.6	1972.9	2038.6	2081.6	2123.1	2140.4
32.5°	2676.8	2252.1	1947.3	1831.8	1834.1	1907.3	1994.1	2042.3	2075.5	2095.9
35°	2710.8	2233.2	1886.2	1748.8	1749.6	1831.1	1936.7	1994.1	2023.5	2046.1
37.5°	2779.4	2228.7	1829.6	1670.4	1668.1	1765.4	1874.1	1939.7	1964.6	1983.5
40°	2856.4	2225.7	1770.0	1591.9	1592.7	1694.5	1809.2	1877.9	1896.0	1914.1
42.5°	2940.9	2218.1	1706.6	1518.7	1523.3	1628.1	1746.6	1813.0	1827.3	1842.4
45°	3026.2	2202.3	1632.7	1450.8	1454.6	1563.3	1676.4	1741.3	1752.6	1768.5
47.5°	3107.6	2169.8	1563.3	1386.0	1402.6	1495.3	1597.2	1650.8	1657.6	1675.7
50°	3183.1	2123.8	1491.6	1333.9	1342.9	1421.4	1510.4	1551.2	1555.7	1564.0
52.5°	3245.0	2056.7	1410.1	1278.1	1284.9	1345.2	1423.7	1458.4	1454.6	1459.1
55°	3266.8	1962.4	1333.9	1221.5	1220.7	1264.5	1336.9	1376.1	1370.9	1369.4
57°	*3250.2*	*1868.1*	*1275.0*	*1177.7*	*1174.7*	*1204.9*	*1266.0*	*1299.9*	*1305.2*	*1309.8*
57.5°	3234.4	1844.7	1256.9	1166.4	1162.6	1190.5	1249.4	1281.8	1290.1	1289.4
60°	3112.2	1696.0	1179.2	1116.6	1100.8	1119.6	1168.7	1194.3	1194.3	1200.4
62.5°	2890.4	1530.1	1112.1	1058.5	1029.1	1051.0	1091.0	1110.6	1097.0	1100.8
65°	2575.7	1361.1	1044.9	995.1	957.4	984.6	1023.8	1048.7	1036.6	1034.4
67.5°	2214.4	1204.9	973.3	922.0	894.8	922.0	971.8	1022.3	1023.1	1022.3
70°	1834.9	1068.3	896.3	846.5	823.1	857.1	927.2	1002.7	1007.2	1003.4
72.5°	1482.5	949.9	814.8	769.6	750.7	795.2	878.2	965.7	971.8	974.0
75°	1170.9	842.0	722.8	689.6	679.8	725.8	818.6	910.6	898.6	906.1
77.5°	836.7	713.7	625.5	602.8	598.3	633.0	723.5	785.4	768.0	767.3
80°	597.5	587.0	525.1	512.3	504.0	528.9	595.3	651.9	634.5	620.9
82.5°	461.7	460.2	430.0	390.1	381.8	427.8	484.4	507.8	368.9	372.7
85°	278.4	290.5	256.5	258.8	278.4	306.3	337.2	352.3	176.5	139.6
87.5°	64.9	67.1	80.0	97.3	101.1	118.5	162.2	194.7	78.5	64.1
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: SP2-2501-321-4

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

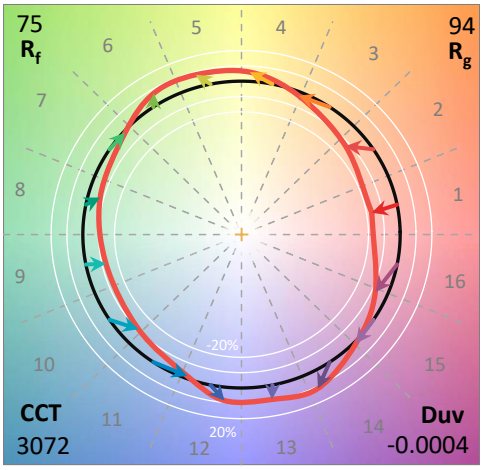
Test Information

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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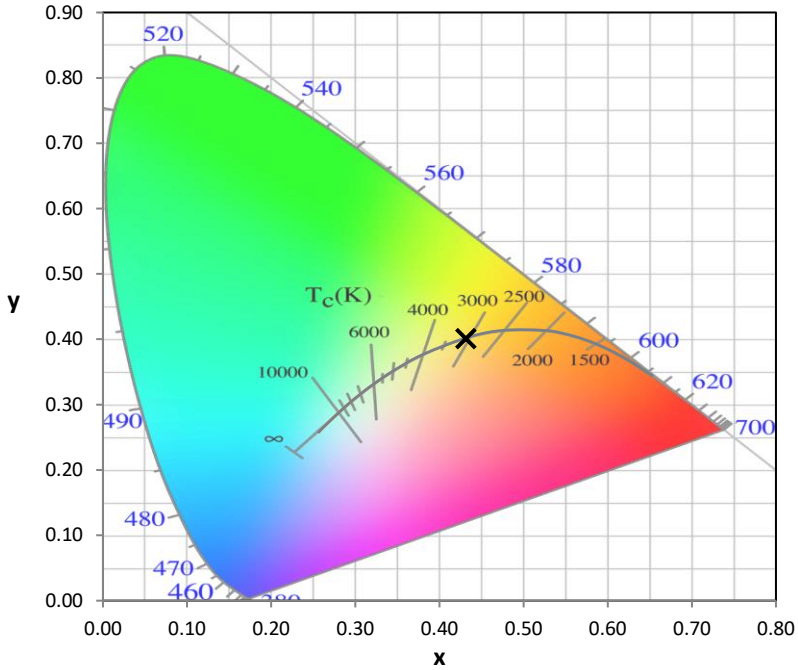
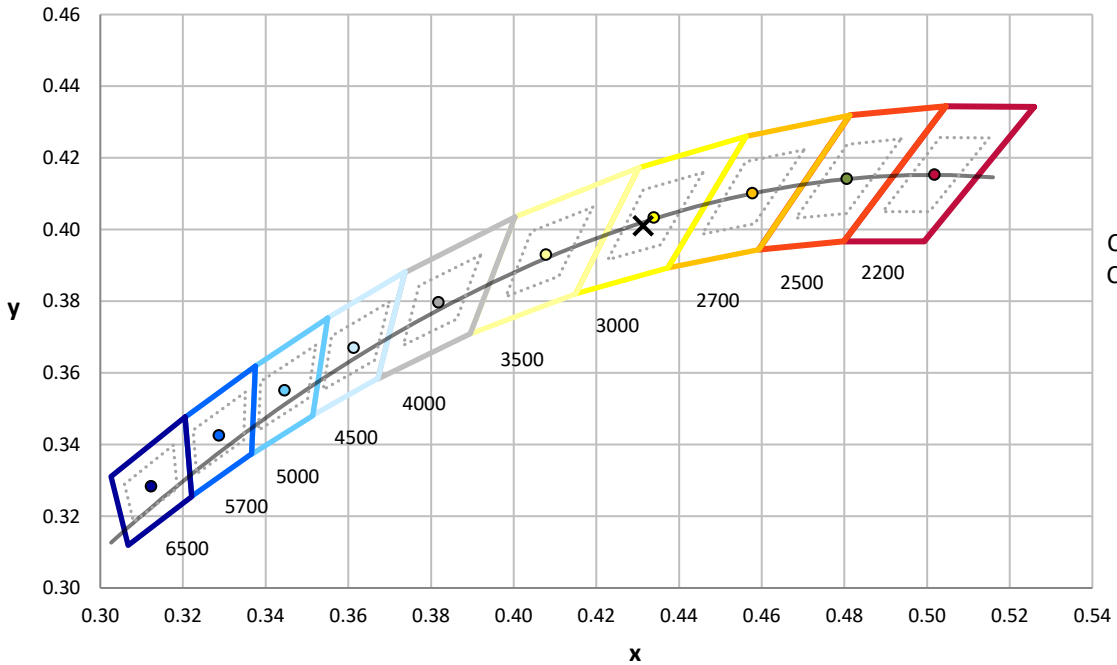
CIE 1931 Chromaticity Diagram



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

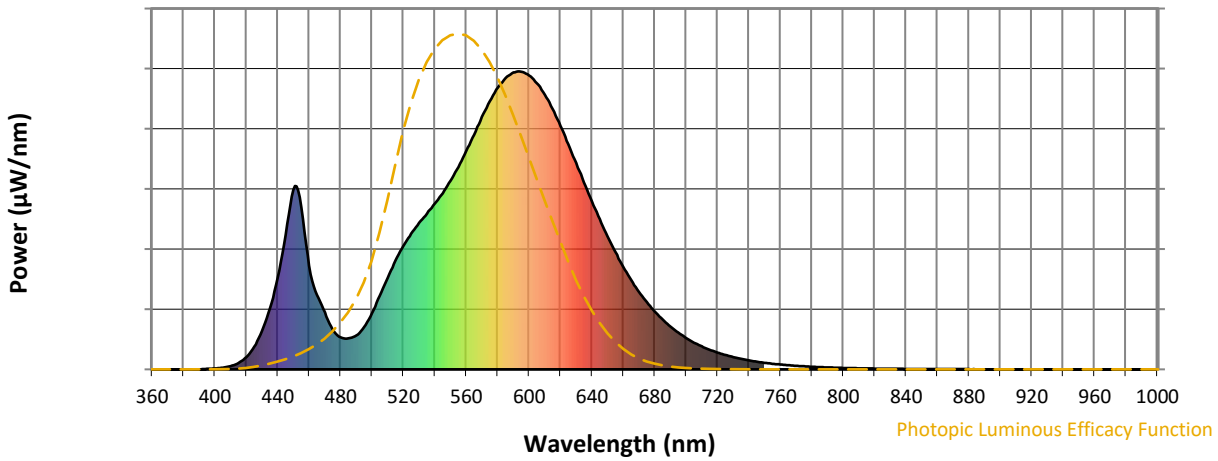


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

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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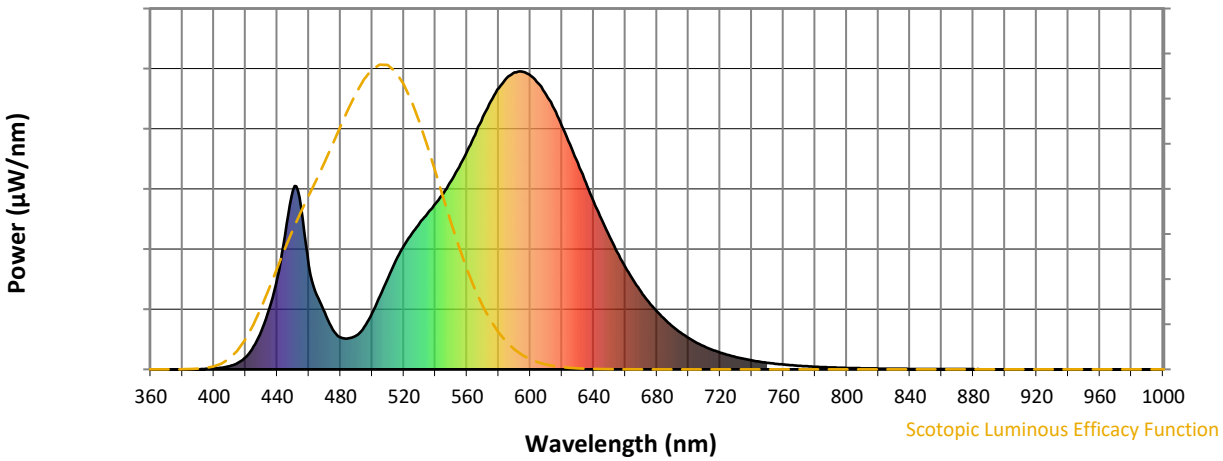
Scotopic Flux vs. Wavelength



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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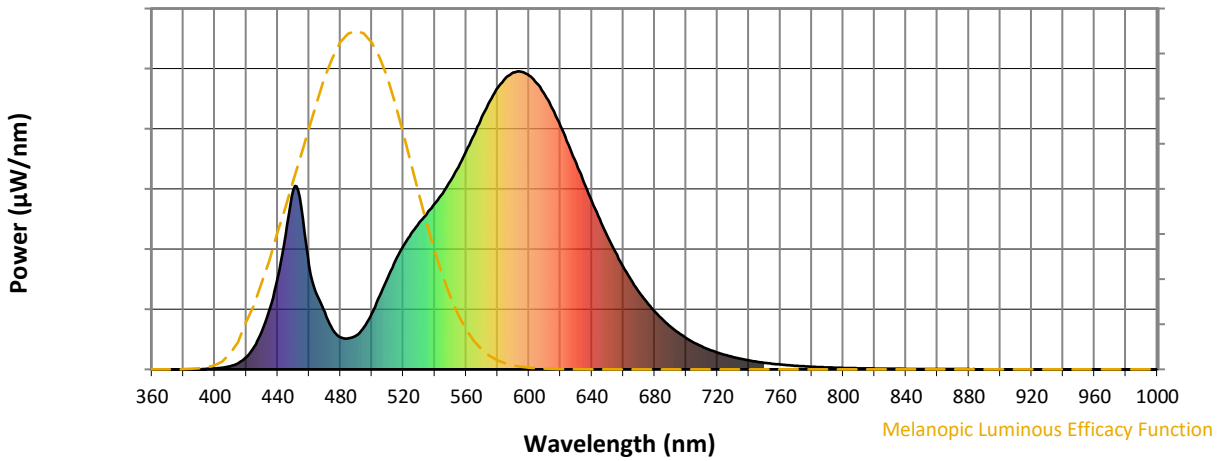
Melanopic Flux vs. Wavelength



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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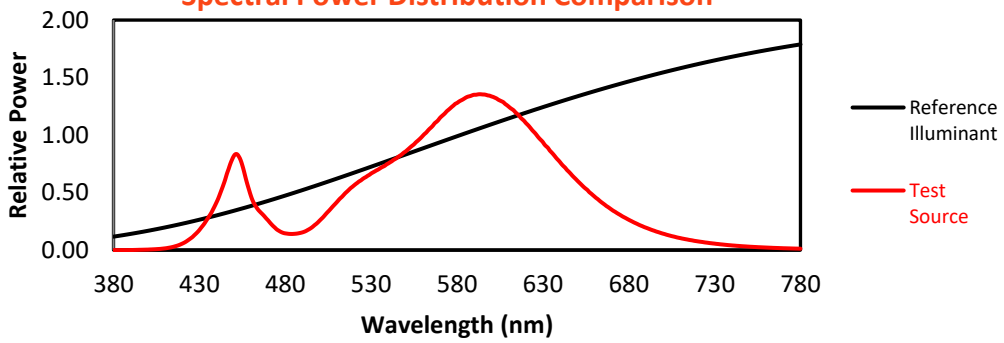
TM-30-18

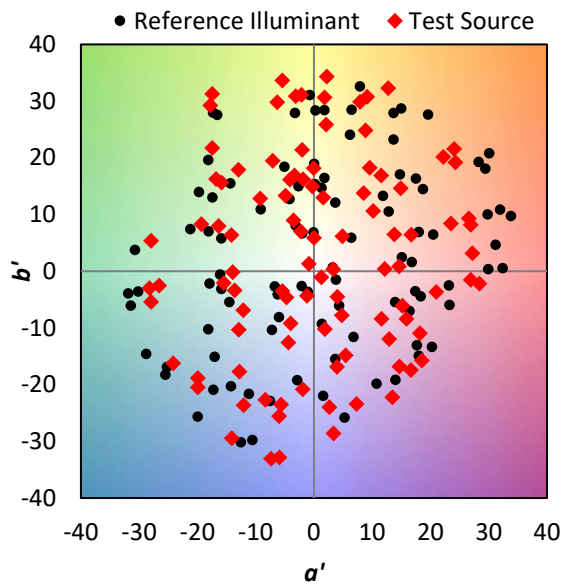
Summary

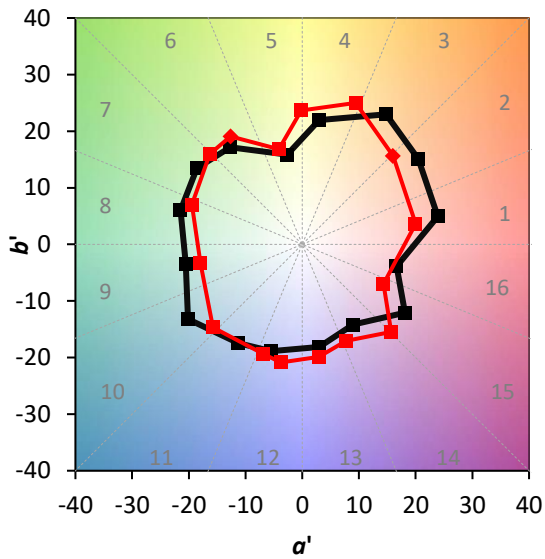
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

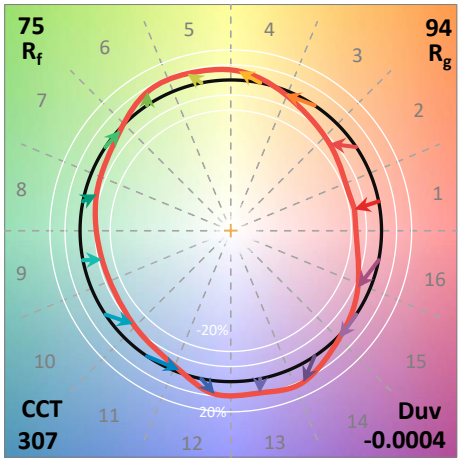
Spectral Power Distribution Comparison

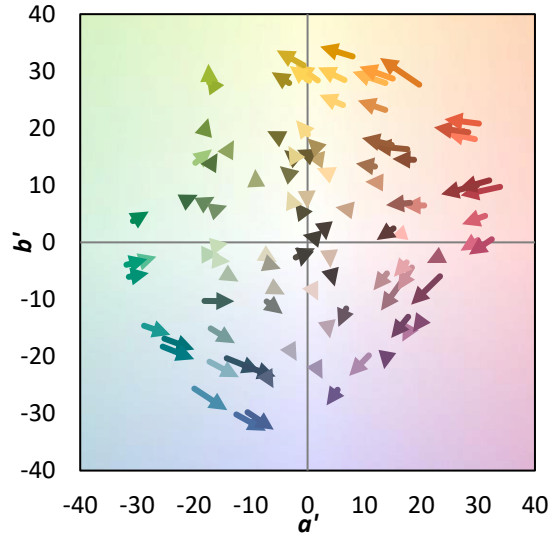


Color Vector Graphics



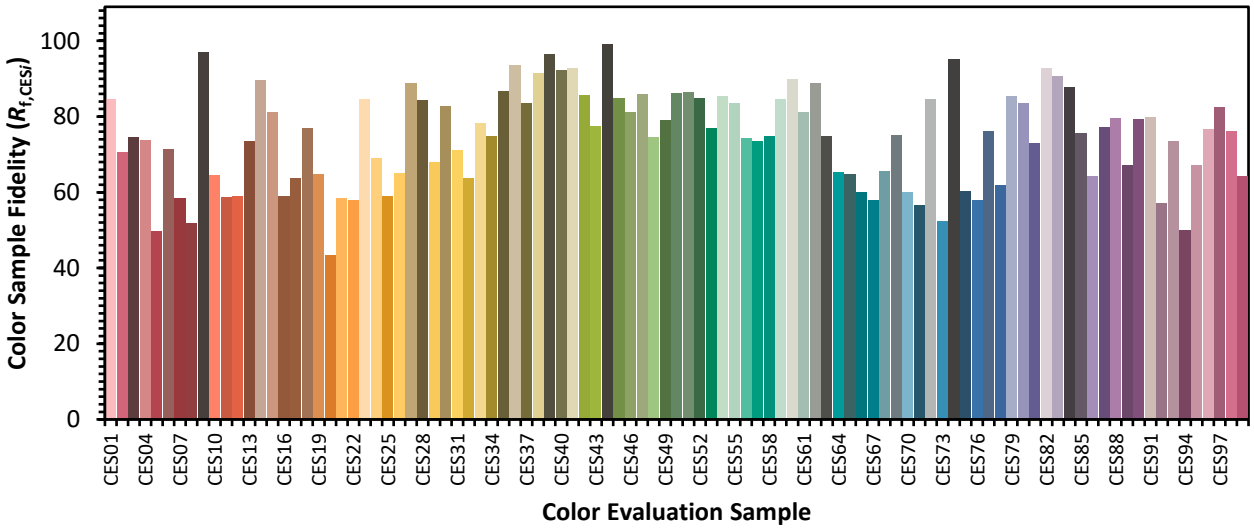




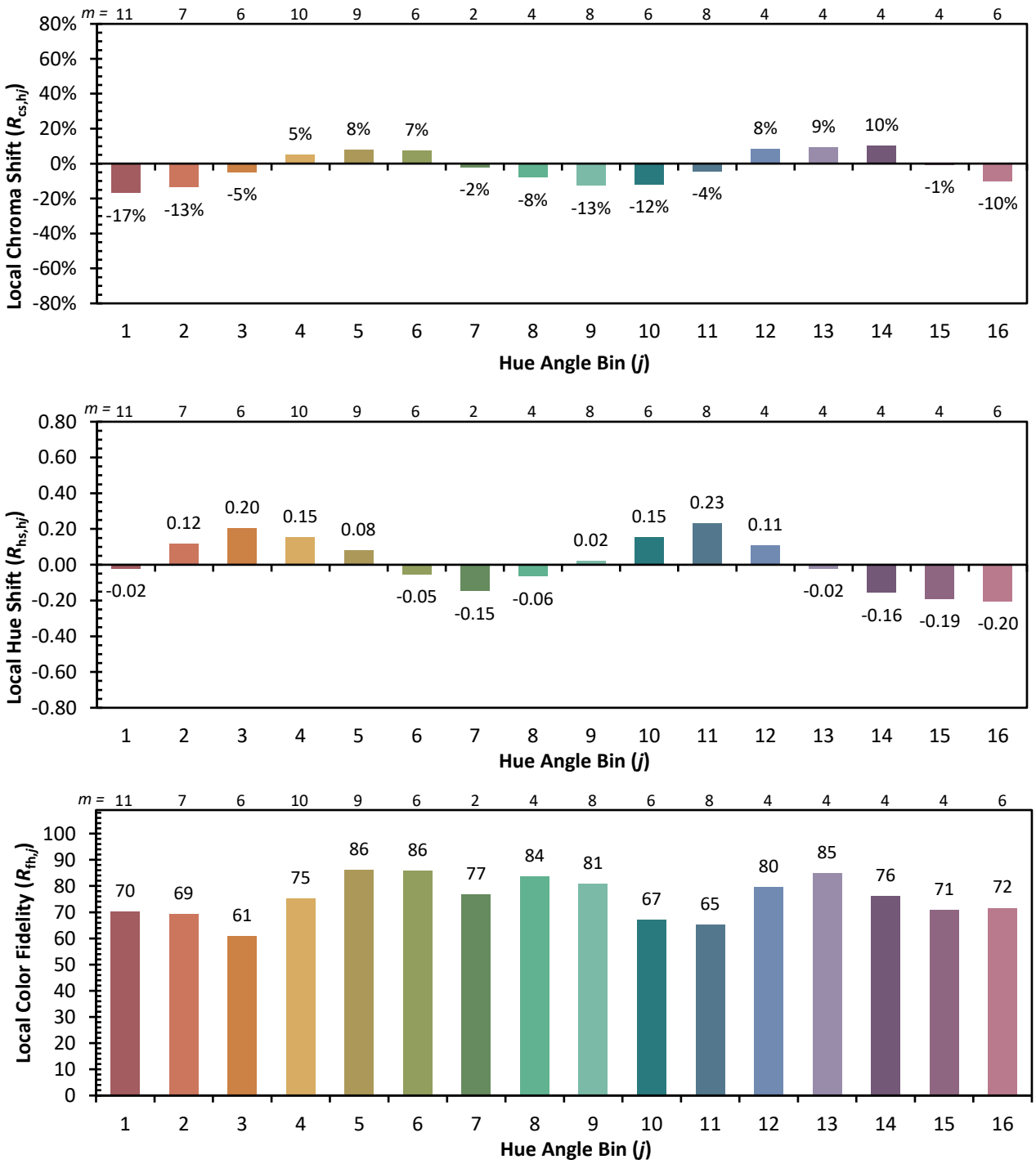


Individual Sample Fidelity Index ($R_{f,i}$)

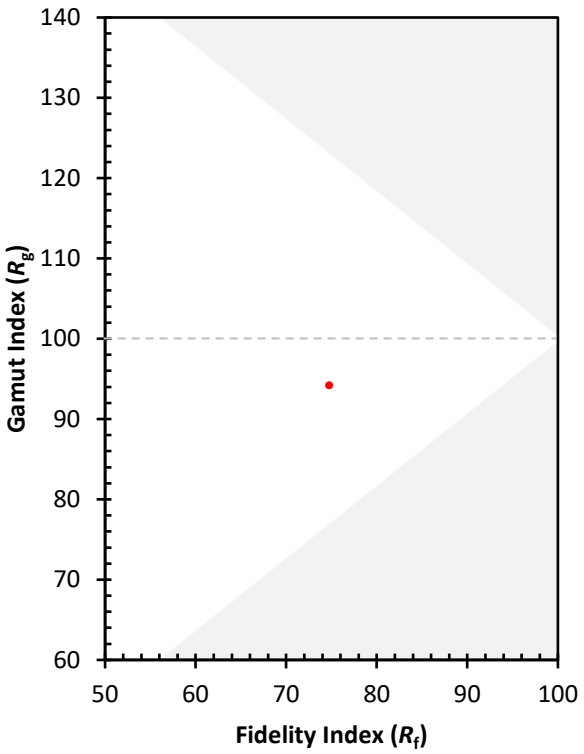
CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 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	

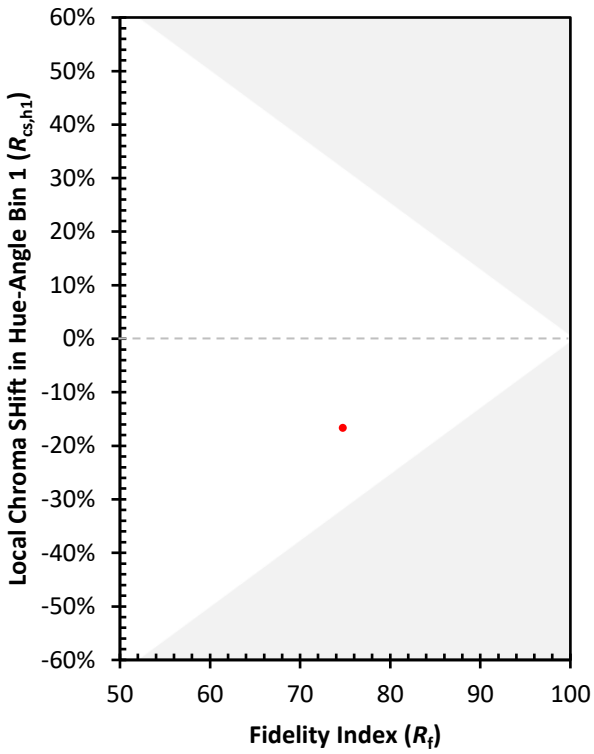


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)