Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P972367

Luminaire Tested: **GKO-PB2E-730-U-T2U**

Issue Date: 02/27/2025

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P972367
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-730-U-T2U
Description:	GEKKO WALL PACK 12000LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12065 lumens
Efficiency:	N/A
Efficacy:	115.2 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

Input Watts (W):	104.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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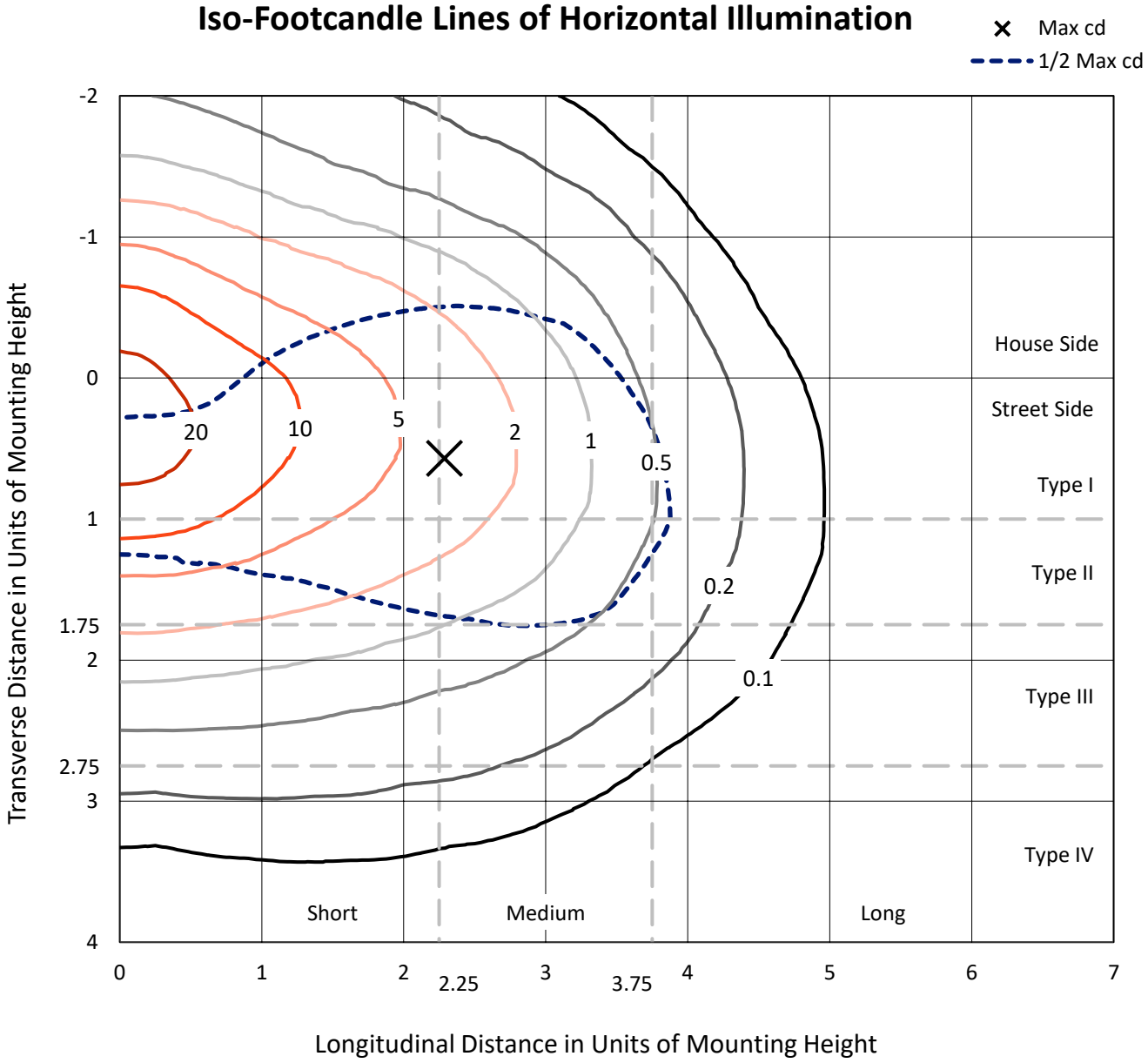
REPORT NUMBER: P972367
CATALOG NUMBER: GKO-PB2E-730-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 26.5 fc
Type II - Medium - N/A

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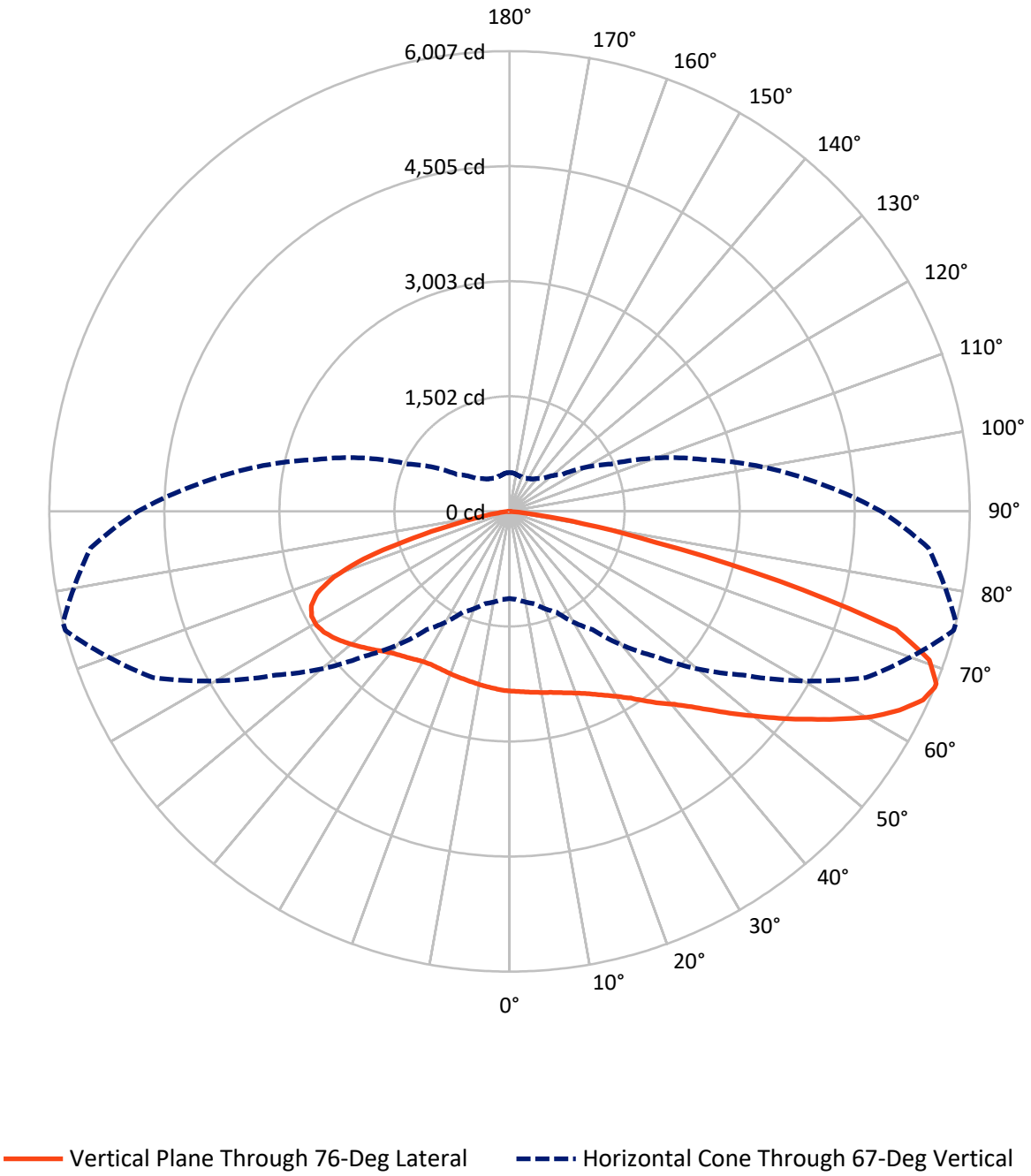
Luminous Intensity Polar Plot



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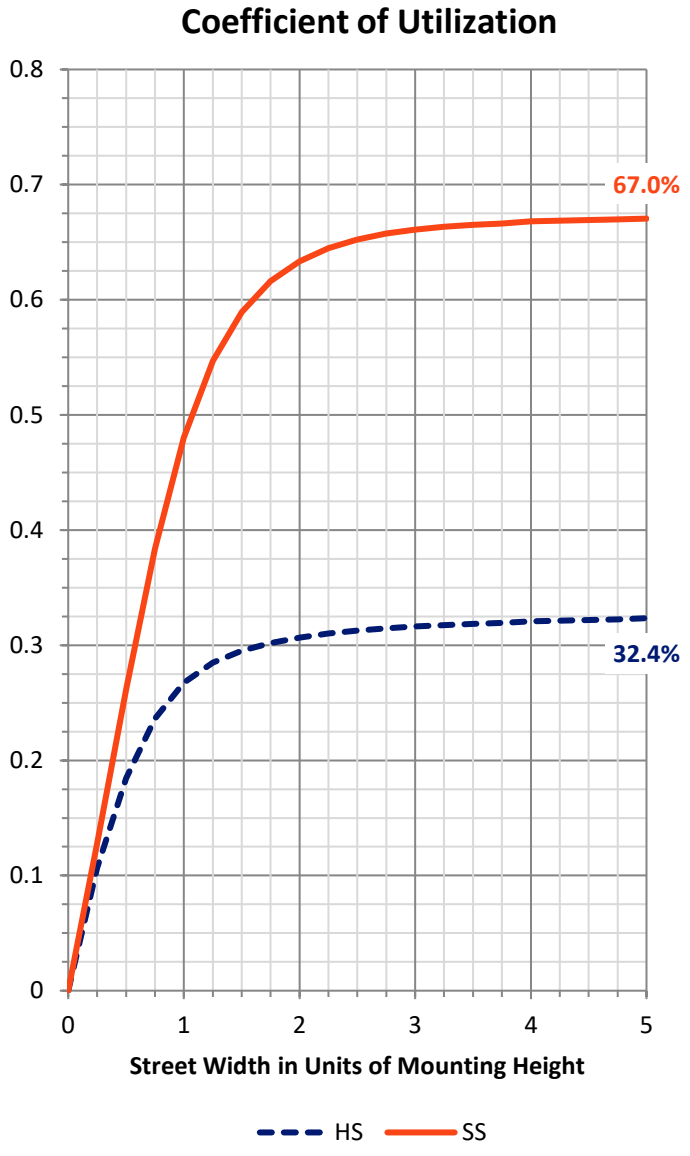
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3980.5	0.0	3980.5
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	8084.6	0.0	8084.6
	% Fixture	67.0	0.0	67.0
Total	Lumens	12065.0	0.0	12065.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.5	1.9
10°-20°	689.7	5.7
20°-30°	1186.5	9.8
30°-40°	1705.0	14.1
40°-50°	2162.3	17.9
50°-60°	2374.4	19.7
60°-70°	2302.8	19.1
70°-80°	1271.4	10.5
80°-90°	147.4	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°	12065.0	100.0
0°-180°	12065.0	100.0



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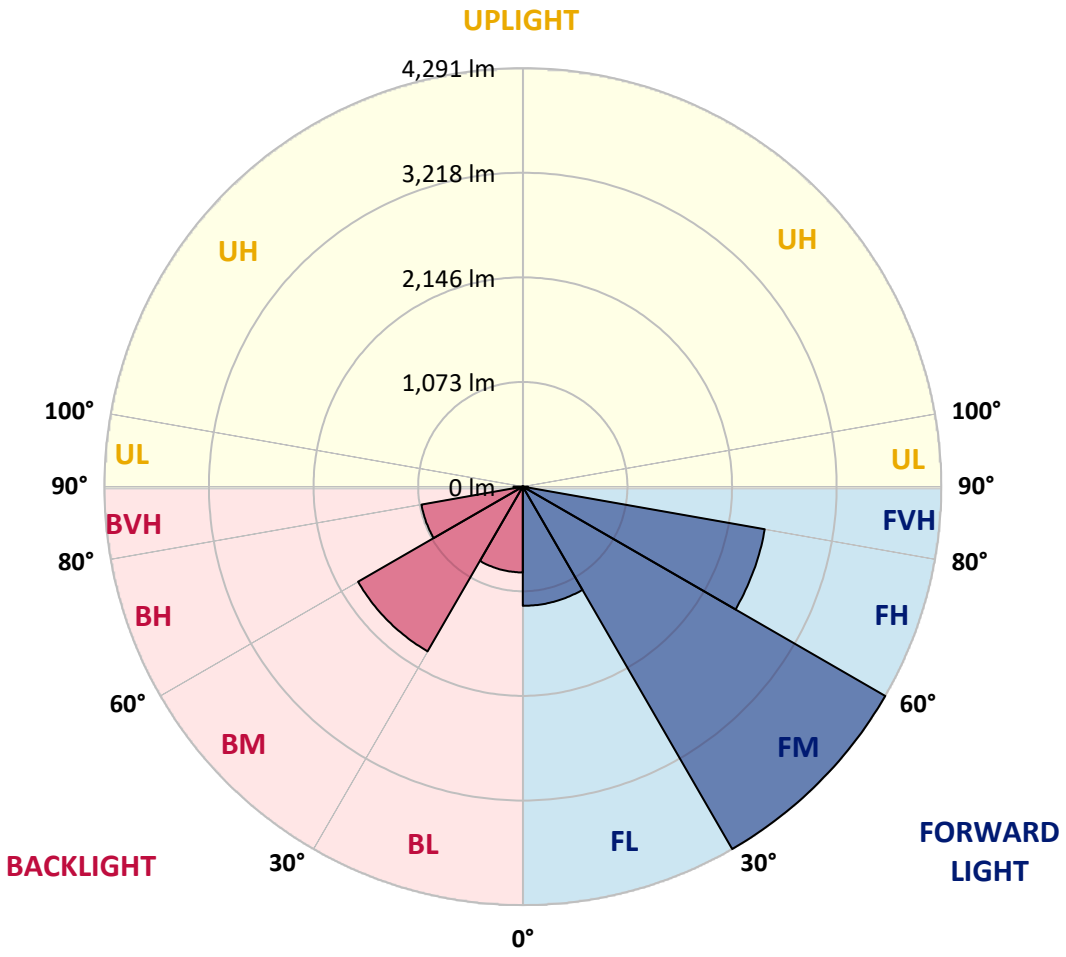
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1222.2	10.1			
FM	(30°-60°)	4291.2	35.6			
FH	(60°-80°)	2519.1	20.9			G2/5000
FVH	(80°-90°)	52.1	0.4			G1/100
BL	(0°-30°)	879.5	7.3	B2/1000		
BM	(30°-60°)	1950.5	16.2	B2/2500		
BH	(60°-80°)	1055.1	8.7	B3/2500		G3/2500
BVH	(80°-90°)	95.4	0.8			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Medium



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REPORT NUMBER: P972367
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3
2.5°	2415.3	2413.0	2410.7	2410.7	2401.3	2392.0	2382.6	2375.6	2357.0	2354.6	2345.3
5°	2487.7	2487.7	2480.7	2478.3	2464.3	2441.0	2420.0	2399.0	2373.3	2368.6	2347.6
7.5°	2581.0	2581.0	2569.3	2560.0	2539.0	2501.7	2464.3	2427.0	2389.7	2385.0	2352.3
10°	2700.0	2700.0	2690.7	2669.7	2625.3	2576.3	2515.7	2457.3	2408.3	2403.7	2357.0
12.5°	2823.7	2826.0	2812.0	2781.7	2728.0	2653.4	2578.7	2494.7	2431.7	2424.7	2366.3
15°	2949.7	2952.1	2942.7	2910.1	2837.7	2746.7	2646.4	2546.0	2462.0	2455.0	2380.3
17.5°	3073.4	3078.1	3068.7	3031.4	2947.4	2849.4	2725.7	2599.7	2499.3	2490.0	2403.7
20°	3190.1	3190.1	3190.1	3148.1	3066.4	2954.4	2812.0	2665.0	2541.3	2532.0	2431.7
22.5°	3295.1	3299.8	3306.8	3283.4	3190.1	3066.4	2912.4	2737.4	2595.0	2583.3	2466.7
25°	3400.1	3402.5	3421.1	3404.8	3313.8	3185.4	3019.7	2828.4	2660.4	2648.7	2508.7
27.5°	3521.5	3528.5	3540.1	3533.1	3430.5	3304.4	3138.7	2928.7	2732.7	2721.0	2560.0
30°	3663.8	3663.8	3670.8	3659.2	3556.5	3430.5	3257.8	3033.7	2823.7	2805.0	2623.0
32.5°	3780.5	3792.2	3787.5	3782.8	3675.5	3549.5	3379.1	3150.4	2928.7	2905.4	2709.4
35°	3890.2	3892.5	3890.2	3894.8	3787.5	3668.5	3507.5	3285.8	3045.4	3036.1	2819.0
37.5°	3953.2	3957.9	3969.5	3983.5	3887.8	3775.8	3635.8	3435.1	3190.1	3173.8	2949.7
40°	3983.5	3990.5	4053.5	4074.5	3971.9	3878.5	3771.2	3570.5	3330.1	3311.4	3080.4
42.5°	4030.2	4086.2	4118.9	4123.5	4034.9	3953.2	3887.8	3724.5	3502.8	3486.5	3255.4
45°	3876.2	3855.2	3941.5	4041.9	4037.2	4002.2	3999.9	3897.2	3715.2	3698.8	3453.8
47.5°	3682.5	3666.2	3712.8	3859.8	3964.9	4023.2	4109.5	4100.2	3971.9	3948.5	3684.8
50°	3220.4	3248.4	3477.1	3677.8	3859.8	4030.2	4202.9	4312.6	4221.6	4202.9	3929.9
52.5°	2788.7	2807.4	2963.7	3442.1	3724.5	4009.2	4284.6	4536.6	4513.3	4492.3	4198.2
55°	2485.3	2504.0	2753.7	3059.4	3523.8	3901.9	4338.2	4749.0	4809.6	4788.6	4482.9
57.5°	2168.0	2198.3	2368.6	2637.0	3255.4	3724.5	4356.9	4963.7	5131.7	5113.0	4756.0
60°	1862.2	1904.3	2004.6	2296.3	2924.1	3514.5	4307.9	5136.3	5442.1	5442.1	5038.3
62.5°	1579.9	1603.2	1708.2	1971.9	2504.0	3246.1	4184.2	5246.0	5726.8	5715.1	5285.7
65°	1346.5	1358.2	1442.2	1668.6	2151.6	2949.7	3969.5	5239.0	5929.8	5932.1	5449.1
67°	1136.5	1155.2	1248.5	1453.9	1883.2	2669.7	3722.2	5134.0	6002.1	6006.8	5488.7
67.5°	1064.1	1085.1	1187.8	1400.2	1827.2	2592.7	3663.8	5089.7	5997.5	6006.8	5477.1
70°	732.8	737.4	910.1	1152.8	1502.9	2184.3	3260.1	4781.6	5820.1	5813.1	5222.7
72.5°	466.7	459.7	625.4	842.4	1208.8	1768.9	2751.4	4242.6	5281.0	5274.0	4604.3
75°	310.4	317.4	422.4	602.1	849.4	1367.5	2144.6	3201.8	3668.5	3640.5	3038.4
77.5°	221.7	217.0	261.4	434.1	569.4	830.8	1164.5	1703.6	1948.6	1948.6	1668.6
80°	121.3	123.7	142.4	240.4	322.0	324.4	436.4	854.1	952.1	973.1	809.8
82.5°	35.0	37.3	51.3	81.7	88.7	98.0	151.7	245.0	256.7	270.7	219.4
85°	0.0	0.0	0.0	2.3	9.3	11.7	11.7	14.0	23.3	23.3	25.7
87.5°	0.0	0.0	0.0	0.0	0.0	2.3	2.3	4.7	9.3	9.3	11.7
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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CATALOG NUMBER: GKO-PB2E-730-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3	2345.3
2.5°	2343.0	2345.3	2336.0	2324.3	2315.0	2310.3	2296.3	2284.6	2291.6	2298.6	2298.6
5°	2340.6	2338.3	2319.6	2298.6	2284.6	2275.3	2252.0	2235.6	2238.0	2245.0	2242.6
7.5°	2340.6	2331.3	2305.6	2275.3	2252.0	2233.3	2203.0	2184.3	2182.0	2186.6	2182.0
10°	2343.0	2326.6	2291.6	2249.6	2217.0	2189.0	2151.6	2130.6	2123.6	2125.9	2121.3
12.5°	2347.6	2322.0	2277.6	2224.0	2182.0	2144.6	2102.6	2076.9	2072.3	2076.9	2076.9
15°	2354.6	2322.0	2266.0	2200.6	2144.6	2102.6	2060.6	2037.3	2037.3	2039.6	2039.6
17.5°	2368.6	2329.0	2256.6	2175.0	2107.3	2060.6	2023.3	2006.9	2009.3	2016.3	2016.3
20°	2382.6	2338.3	2247.3	2149.3	2074.6	2020.9	1990.6	1978.9	1988.3	1997.6	1997.6
22.5°	2403.7	2350.0	2238.0	2125.9	2037.3	1983.6	1957.9	1948.6	1957.9	1969.6	1964.9
25°	2436.3	2371.0	2231.0	2104.9	2002.3	1943.9	1918.3	1908.9	1913.6	1922.9	1922.9
27.5°	2473.7	2396.7	2228.6	2079.3	1960.3	1897.3	1866.9	1852.9	1852.9	1855.2	1857.6
30°	2536.7	2441.0	2238.0	2060.6	1922.9	1848.2	1808.6	1787.6	1785.2	1794.6	1794.6
32.5°	2611.3	2501.7	2261.3	2044.3	1885.6	1789.9	1736.2	1719.9	1715.2	1722.2	1715.2
35°	2695.4	2569.3	2291.6	2041.9	1848.2	1726.9	1666.2	1647.6	1633.5	1628.9	1624.2
37.5°	2814.4	2662.7	2322.0	2030.3	1810.9	1659.2	1593.9	1554.2	1537.9	1533.2	1533.2
40°	2931.1	2753.7	2359.3	2011.6	1766.6	1591.5	1498.2	1453.9	1446.9	1446.9	1446.9
42.5°	3078.1	2872.7	2410.7	1999.9	1712.9	1523.9	1395.5	1344.2	1344.2	1344.2	1341.8
45°	3260.1	3029.1	2476.0	1995.3	1661.6	1442.2	1285.8	1218.2	1215.8	1213.5	1211.2
47.5°	3472.5	3192.4	2539.0	1983.6	1600.9	1344.2	1159.8	1085.1	1068.8	1064.1	1057.1
50°	3691.8	3369.8	2606.7	1967.3	1528.5	1229.8	1040.8	954.5	919.5	907.8	912.5
52.5°	3925.2	3542.5	2672.0	1943.9	1442.2	1115.5	919.5	828.4	793.4	779.4	777.1
55°	4153.9	3717.5	2732.7	1913.6	1348.8	998.8	816.8	728.1	697.8	693.1	693.1
57.5°	4384.9	3885.5	2779.4	1869.2	1246.2	896.1	728.1	655.8	634.8	644.1	644.1
60°	4594.9	4032.5	2802.7	1808.6	1143.5	802.8	658.1	604.4	595.1	618.4	616.1
62.5°	4784.0	4130.5	2791.0	1719.9	1043.1	723.4	604.4	564.7	567.1	595.1	597.4
65°	4875.0	4146.9	2723.4	1598.5	931.1	655.8	548.4	511.1	515.7	546.1	553.1
67°	*4854.0*	*4083.9*	*2611.3*	*1460.9*	*840.1*	*604.4*	*513.4*	*476.1*	*478.4*	*504.1*	*506.4*
67.5°	4830.6	4053.5	2581.0	1418.9	816.8	595.1	504.1	469.1	473.7	497.1	497.1
70°	4520.3	3745.5	2301.0	1204.2	707.1	529.7	459.7	436.4	441.1	455.1	455.1
72.5°	3950.9	3243.8	1862.2	966.1	599.7	469.1	415.4	401.4	401.4	401.4	389.7
75°	2520.3	2032.6	1218.2	739.8	494.7	401.4	373.4	357.0	347.7	361.7	357.0
77.5°	1393.2	1061.8	634.8	424.7	357.0	333.7	324.4	317.4	315.0	347.7	338.4
80°	660.4	525.1	357.0	242.7	205.4	247.4	280.0	275.4	329.0	450.4	452.7
82.5°	210.0	172.7	144.7	133.0	137.7	177.4	217.0	249.7	427.1	483.1	476.1
85°	25.7	23.3	16.3	53.7	91.0	130.7	168.0	324.4	392.1	326.7	308.0
87.5°	9.3	9.3	9.3	37.3	70.0	100.3	151.7	326.7	240.4	219.4	200.7
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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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

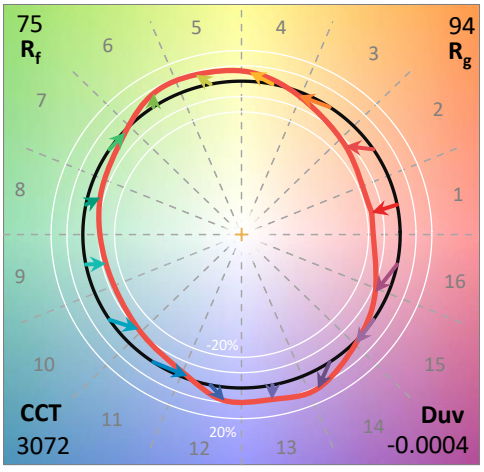
Test Information

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
CIE u':	0.2482
CIE v':	0.5193
Duv:	-0.0004
CIE x:	0.4313
CIE y:	0.4010
CIE z:	0.1677
Peak Wavelength (nm):	593
Dominant Wavelength (nm):	582
Purity:	49.8225
Rf:	74.7
Rg:	94.2

CRI (Ra):	71.7				
R1:	68.1	R9:	-33.9		
R2:	82.1	R10:	58.6		
R3:	93.4	R11:	62.0		
R4:	67.3	R12:	48.5		
R5:	67.2	R13:	70.7		
R6:	74.9	R14:	96.4		
R7:	77.5	R15:	60.2		
R8:	43.4				



Test Conditions

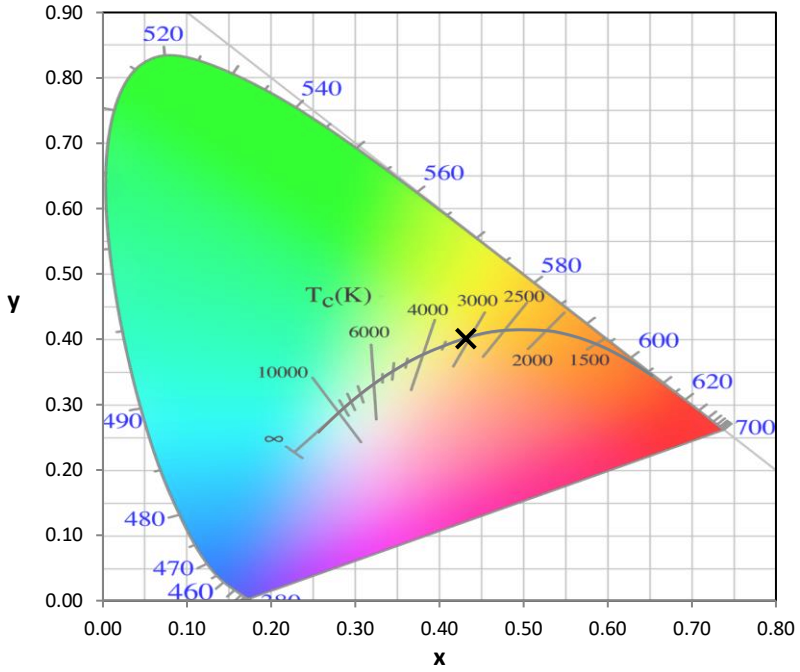
Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.7

REPORT NUMBER: SP2-2501-321-4

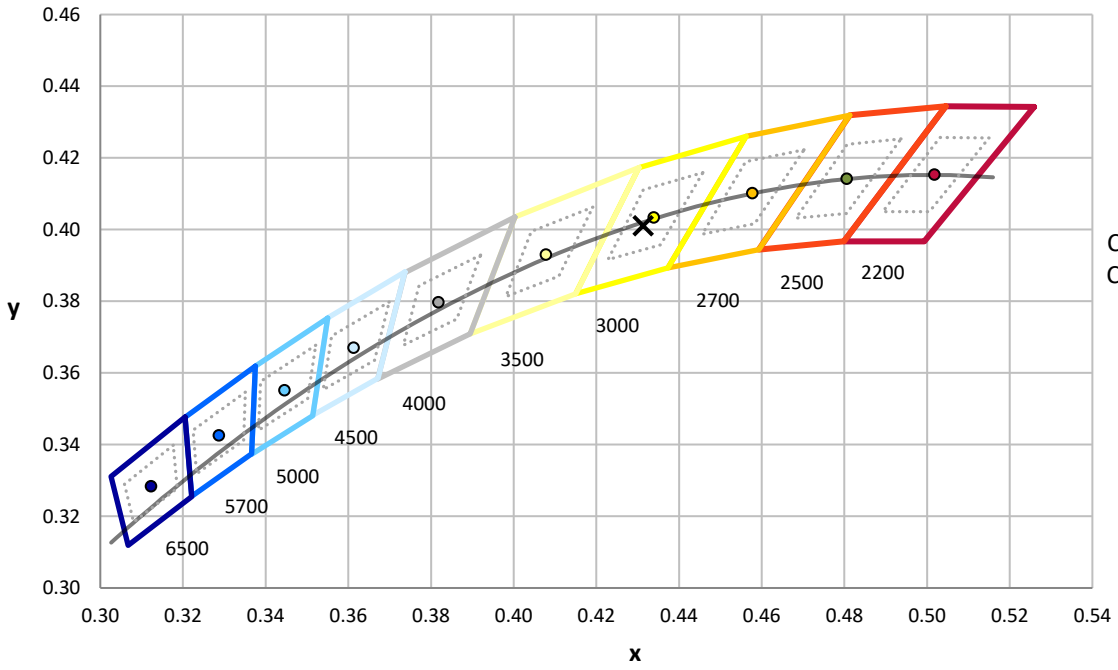
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP2-2501-321-4

CIE 1931 Chromaticity Diagram



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

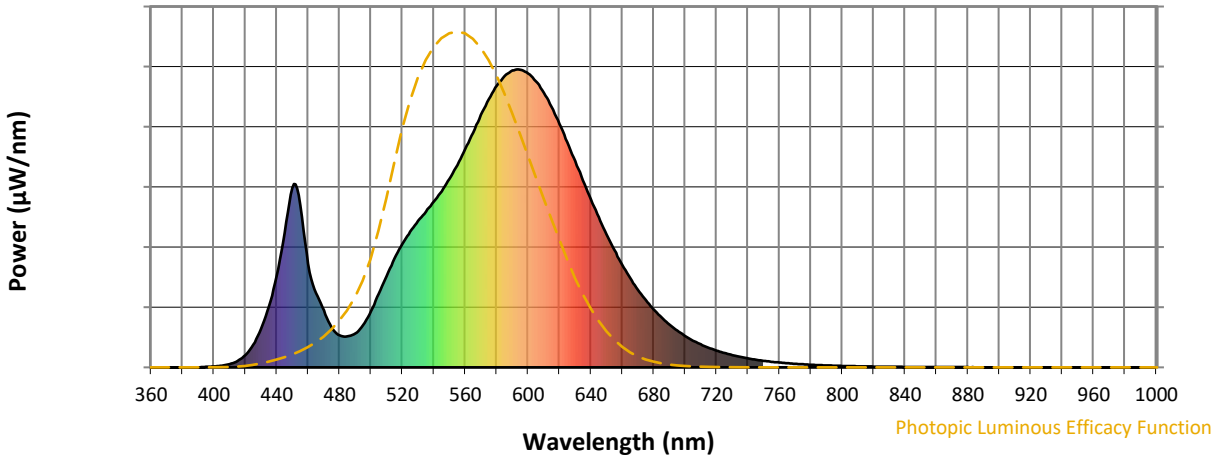


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

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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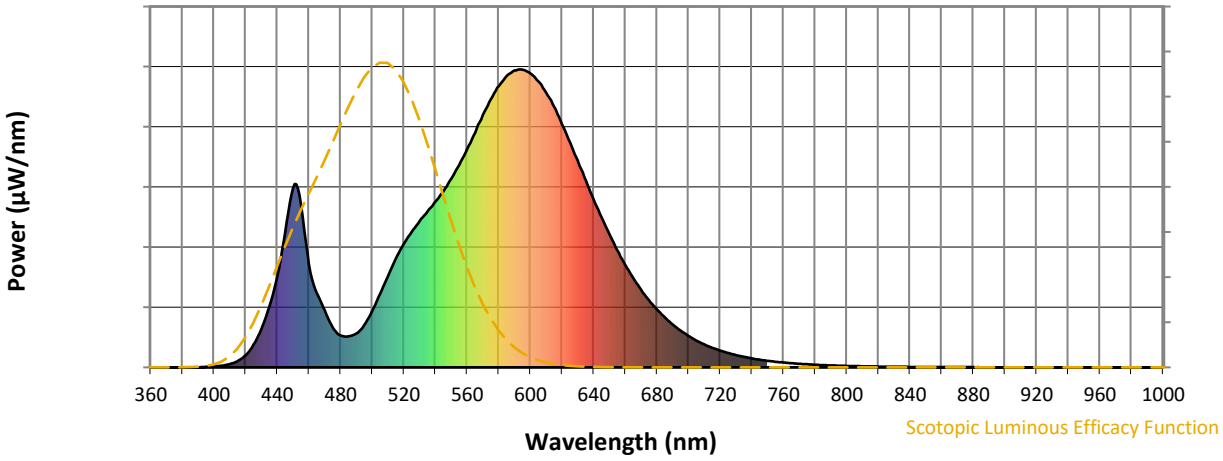
Scotopic Flux vs. Wavelength



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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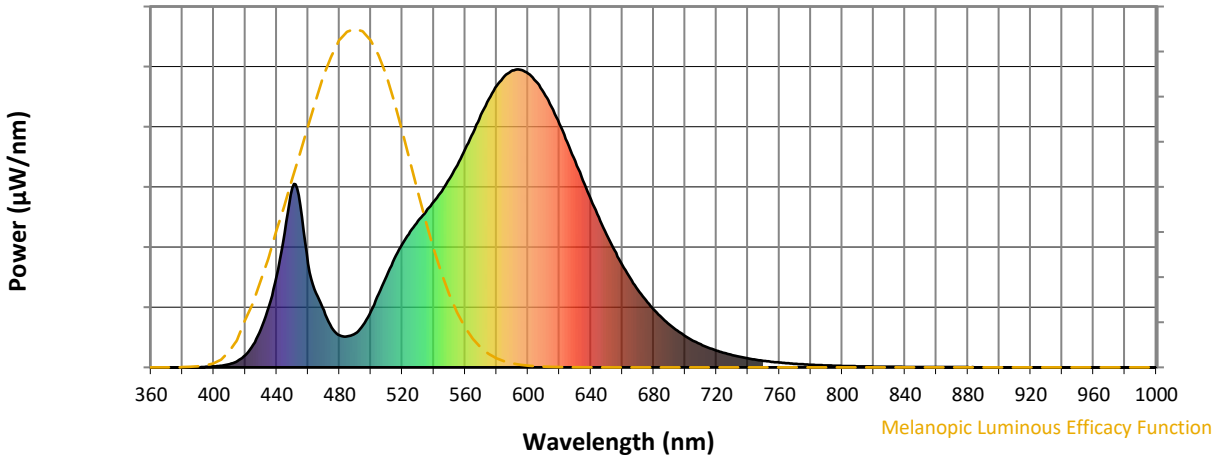
Melanopic Flux vs. Wavelength



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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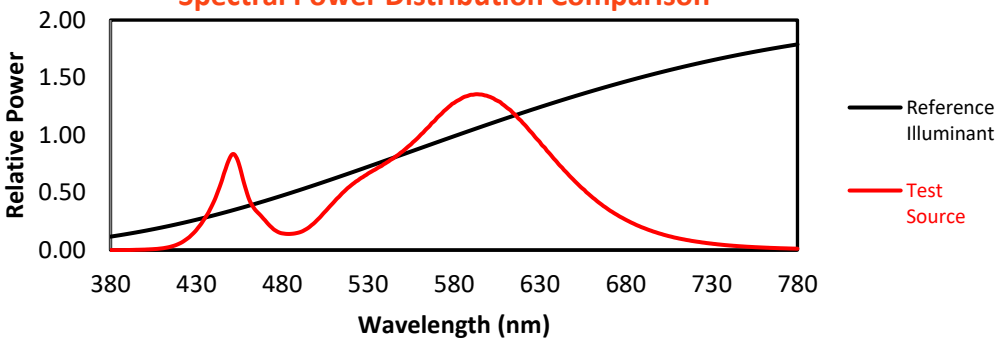
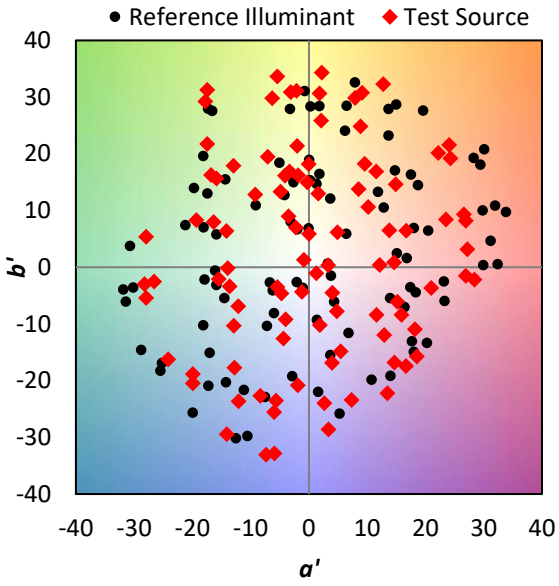
Summary

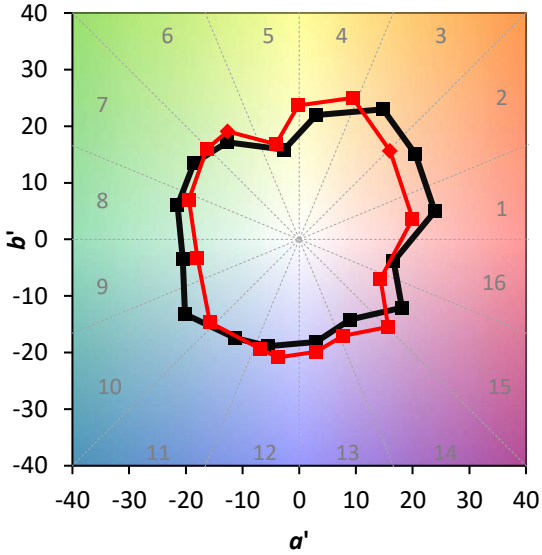
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

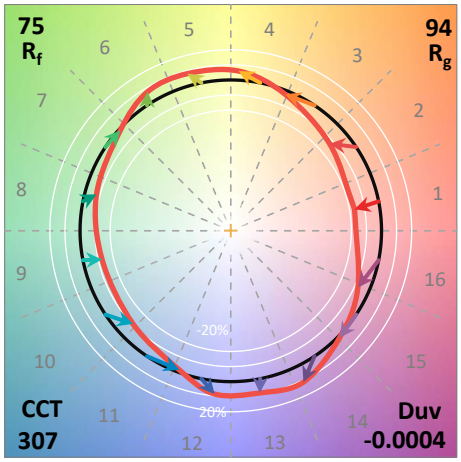
Spectral Power Distribution Comparison

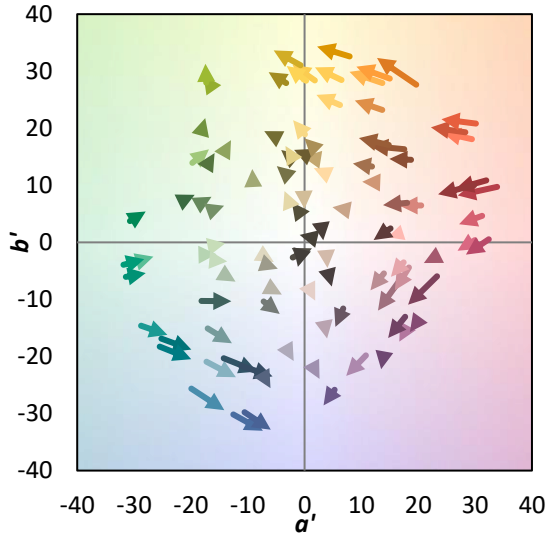


Color Vector Graphics









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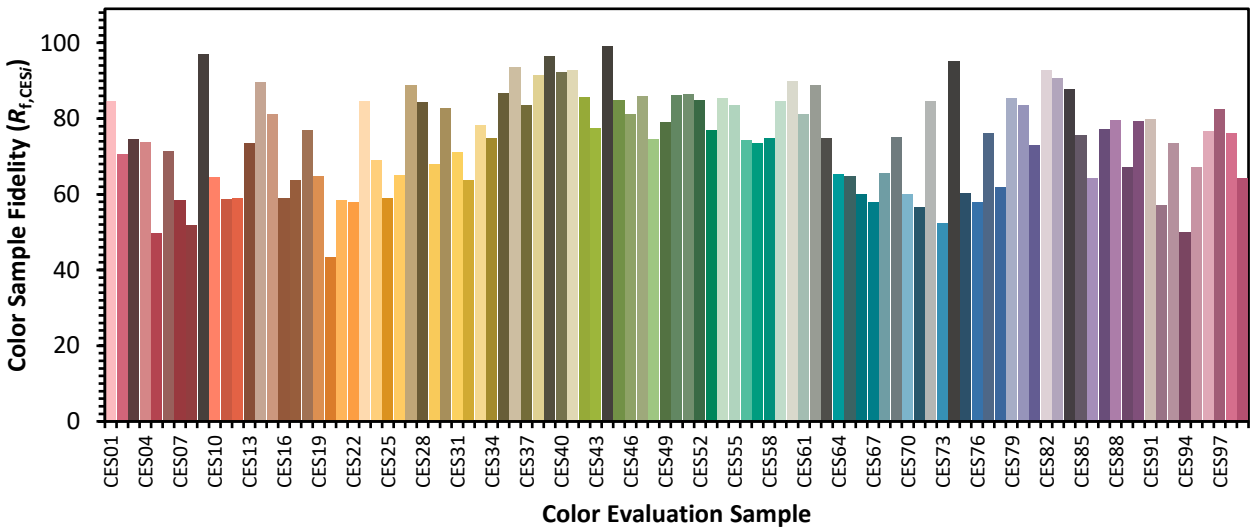
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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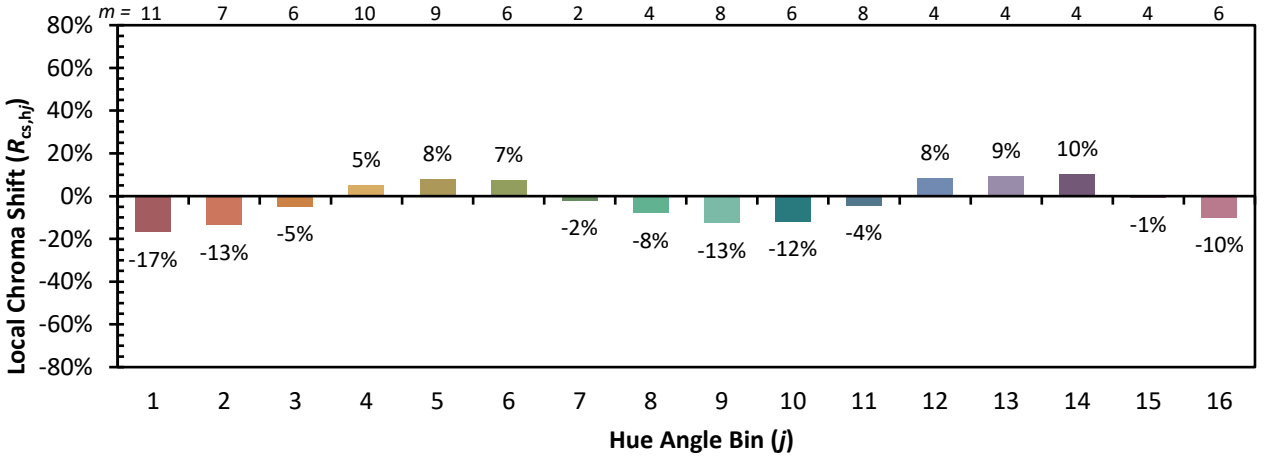
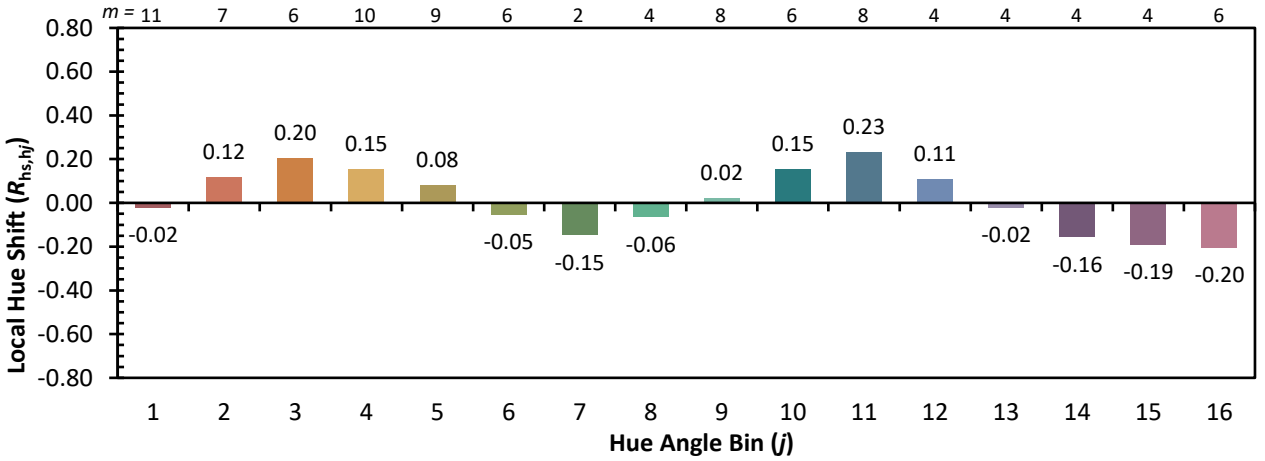
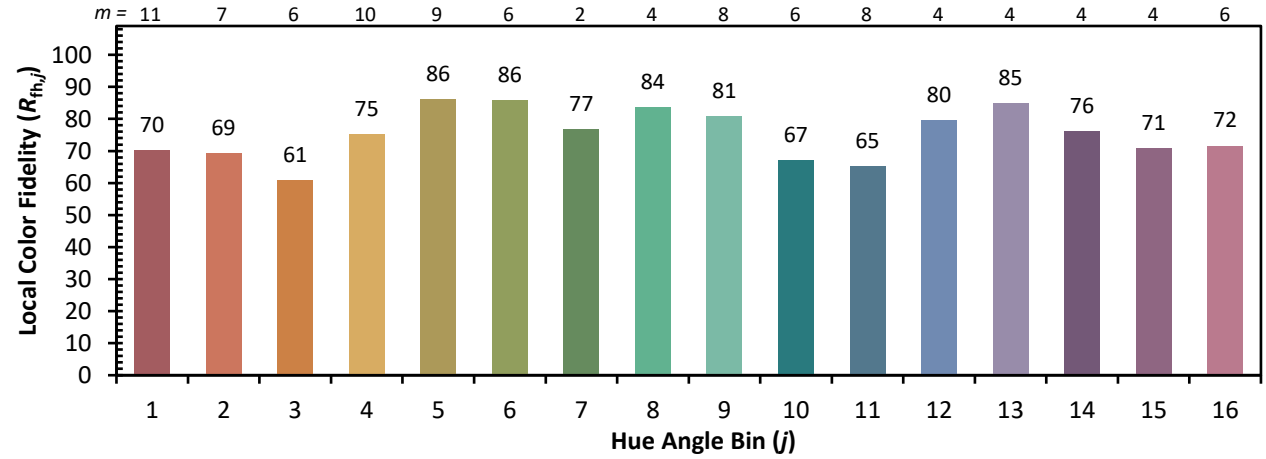
Color Rendition by Hue-Angle Bin







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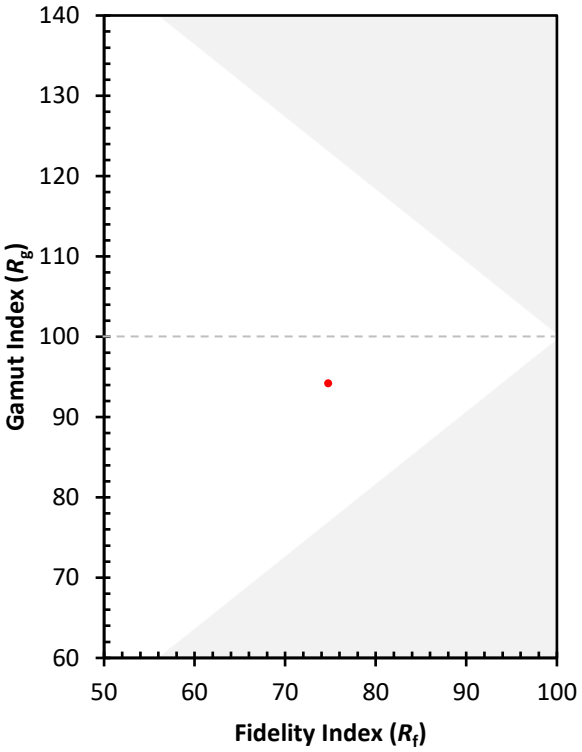
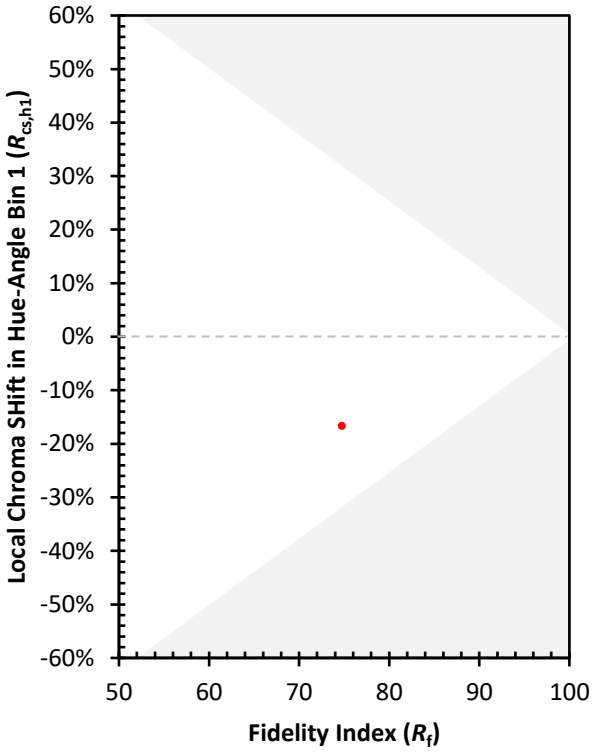
Measure Comparisons





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