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: P972347

Luminaire Tested: **GKO-PB2E-722-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:	P972347
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-722-U-T2U
Description:	GEKKO WALL PACK 12000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10653.2 lumens
Efficiency:	N/A
Efficacy:	101.7 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

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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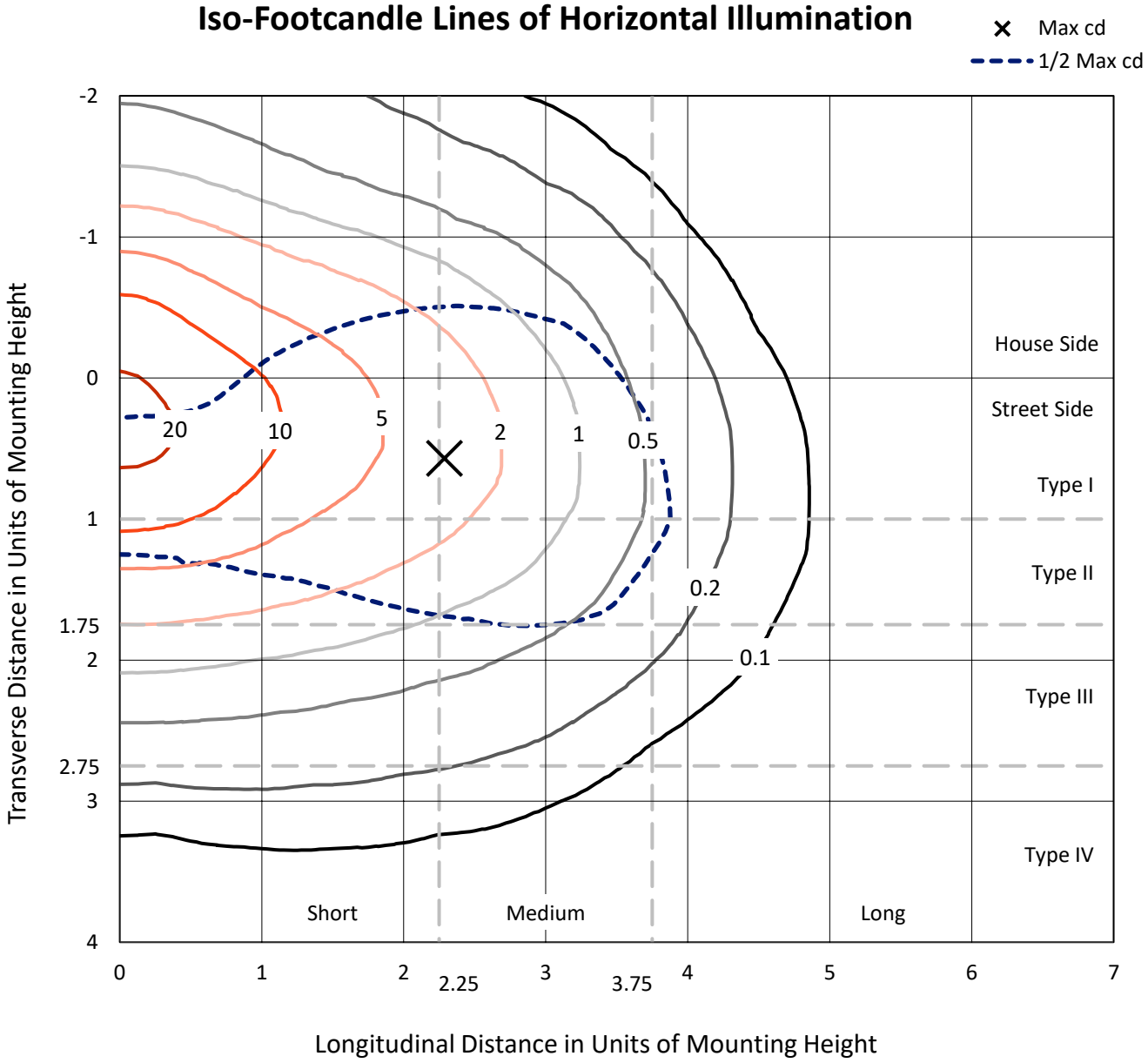
REPORT NUMBER: P972347
CATALOG NUMBER: GKO-PB2E-722-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 23.4 fc
Type II - Medium - N/A

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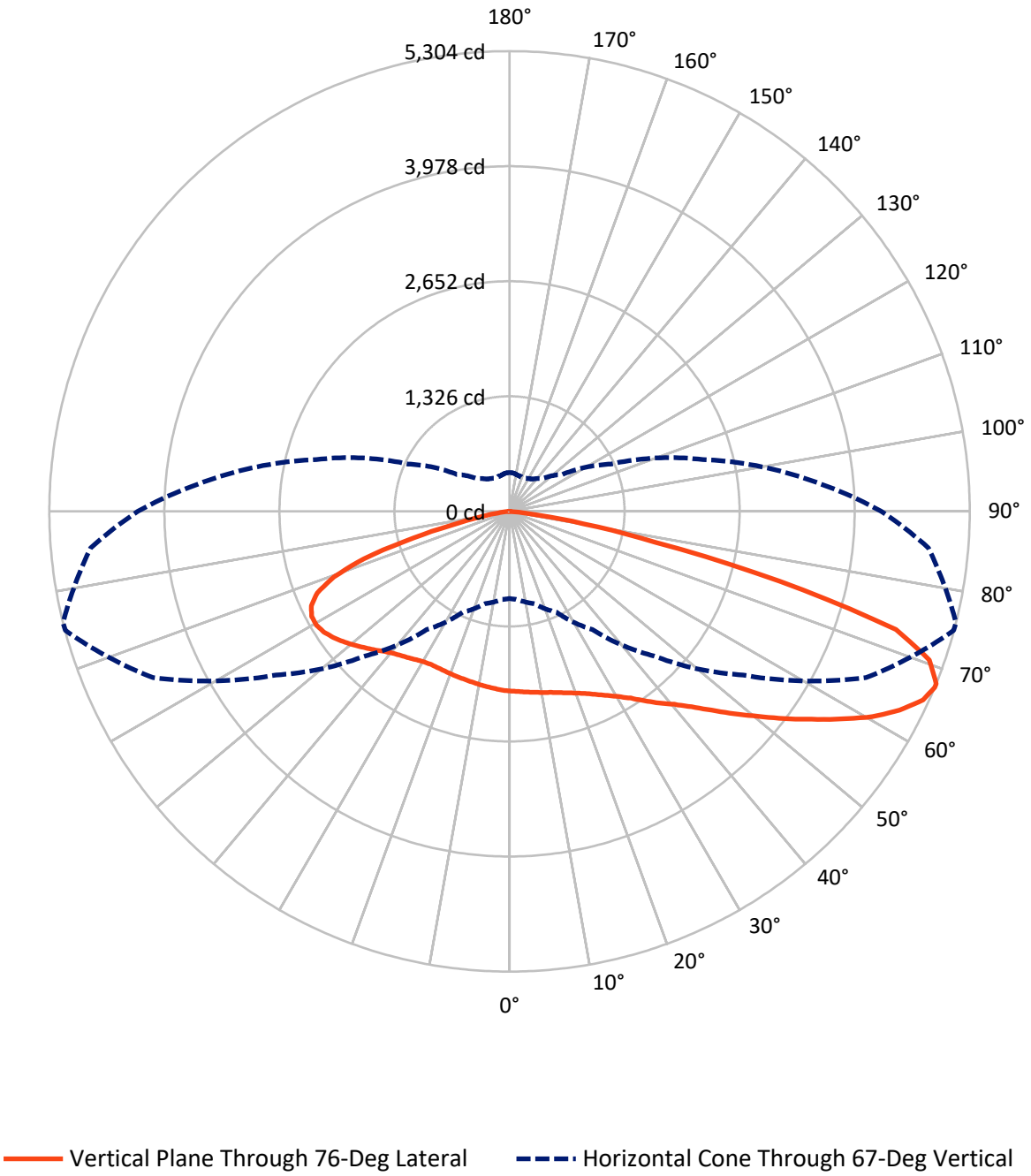
Luminous Intensity Polar Plot



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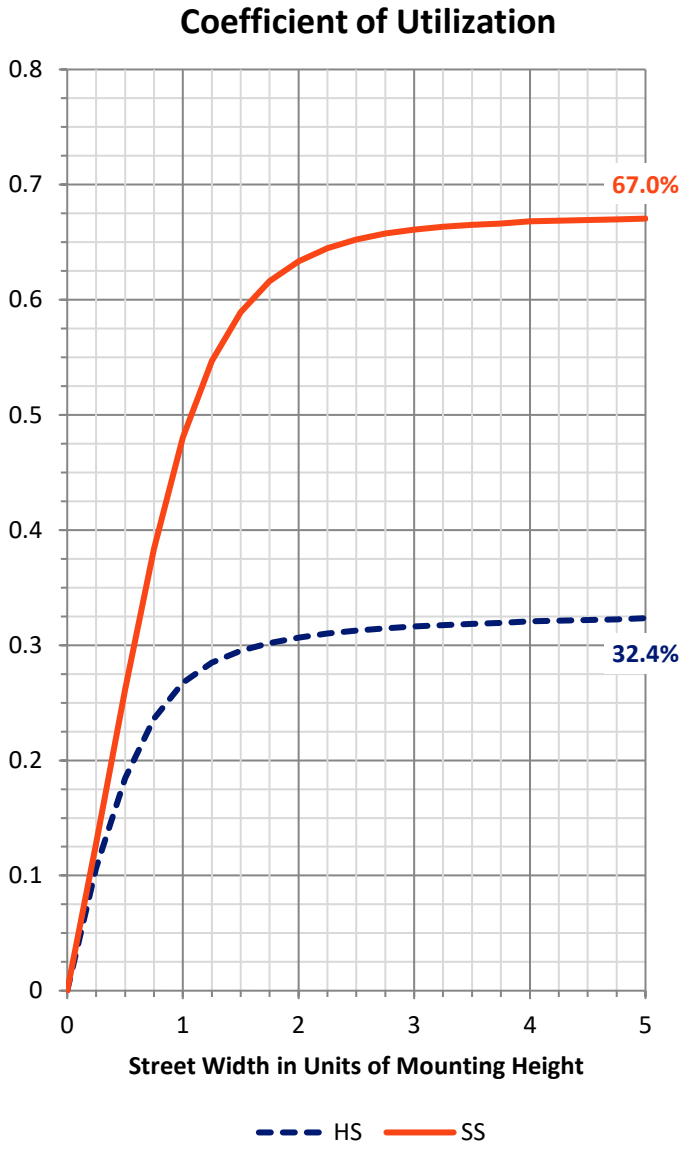
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3514.7	0.0	3514.7
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	7138.5	0.0	7138.5
	% Fixture	67.0	0.0	67.0
Total	Lumens	10653.2	0.0	10653.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.1	1.9
10°-20°	609.0	5.7
20°-30°	1047.7	9.8
30°-40°	1505.5	14.1
40°-50°	1909.3	17.9
50°-60°	2096.6	19.7
60°-70°	2033.3	19.1
70°-80°	1122.6	10.5
80°-90°	130.2	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°	10653.2	100.0
0°-180°	10653.2	100.0



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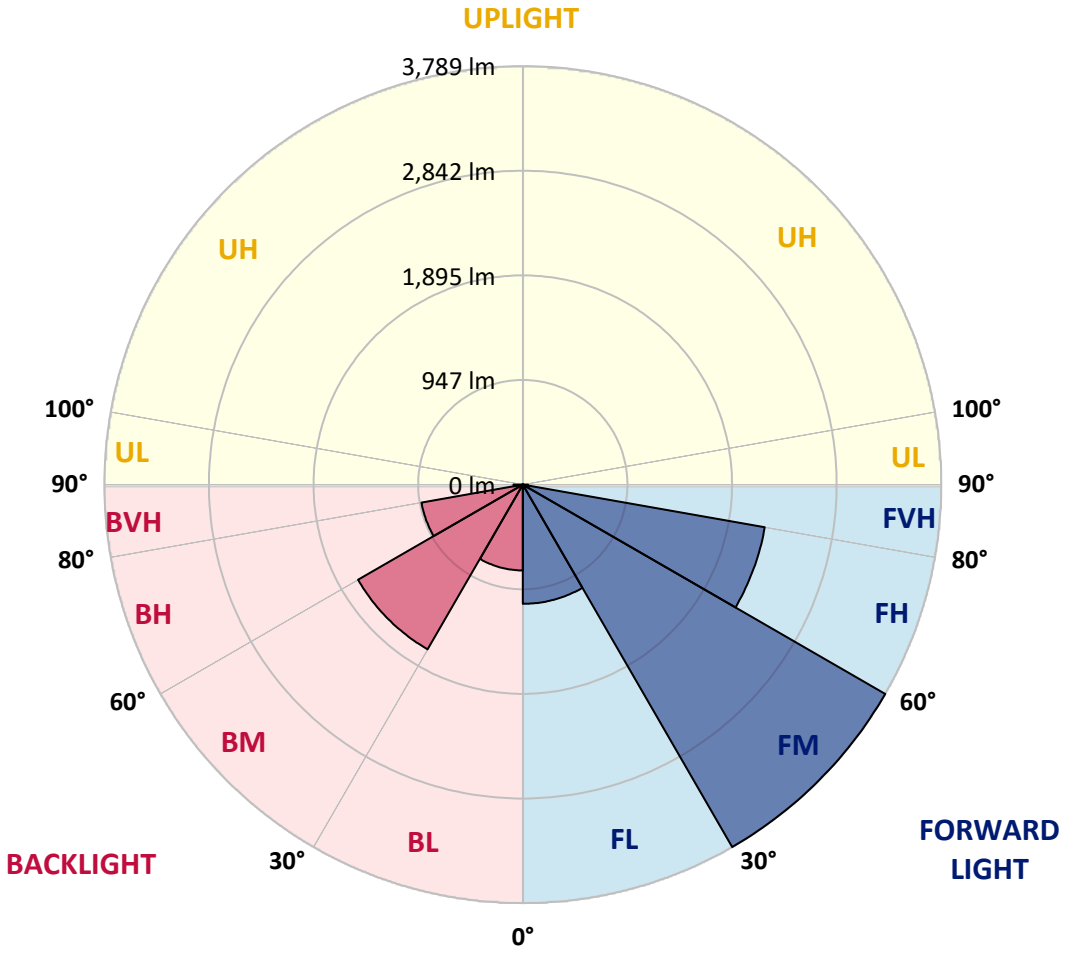
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1079.2	10.1			
FM	(30°-60°)	3789.1	35.6			
FH	(60°-80°)	2224.3	20.9			G2/5000
FVH	(80°-90°)	46.0	0.4			G1/100
BL	(0°-30°)	776.6	7.3	B2/1000		
BM	(30°-60°)	1722.3	16.2	B2/2500		
BH	(60°-80°)	931.6	8.7	B2/1000		G2/1000
BVH	(80°-90°)	84.2	0.8			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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	*2070.9*	2070.9
2.5°	2132.7	2130.6	2128.6	2128.6	2120.3	2112.1	2103.8	2097.6	2081.2	*2079.1*	2070.9
5°	2196.6	2196.6	2190.4	2188.3	2175.9	2155.3	2136.8	2118.3	2095.6	*2091.5*	2072.9
7.5°	2279.0	2279.0	2268.7	2260.4	2241.9	2208.9	2175.9	2143.0	2110.0	*2105.9*	2077.0
10°	2384.1	2384.1	2375.8	2357.3	2318.1	2274.9	2221.3	2169.8	2126.5	*2122.4*	2081.2
12.5°	2493.3	2495.3	2483.0	2456.2	2408.8	2342.9	2276.9	2202.7	2147.1	*2140.9*	2089.4
15°	2604.5	2606.6	2598.4	2569.5	2505.6	2425.3	2336.7	2248.1	2173.9	*2167.7*	2101.8
17.5°	2713.8	2717.9	2709.6	2676.7	2602.5	2515.9	2406.7	2295.5	2206.9	*2198.6*	2122.4
20°	2816.8	2816.8	2816.8	2779.7	2707.6	2608.7	2483.0	2353.2	2243.9	*2235.7*	2147.1
22.5°	2909.5	2913.6	2919.8	2899.2	2816.8	2707.6	2571.6	2417.0	2291.3	*2281.0*	2178.0
25°	3002.2	3004.3	3020.8	3006.4	2926.0	2812.7	2666.4	2497.4	2349.0	*2338.7*	2215.1
27.5°	3109.4	3115.6	3125.9	3119.7	3029.0	2917.7	2771.4	2586.0	2412.9	*2402.6*	2260.4
30°	3235.1	3235.1	3241.3	3231.0	3140.3	3029.0	2876.5	2678.7	2493.3	*2476.8*	2316.1
32.5°	3338.1	3348.4	3344.3	3340.2	3245.4	3134.1	2983.7	2781.8	2586.0	*2565.4*	2392.3
35°	3434.9	3437.0	3434.9	3439.1	3344.3	3239.2	3097.0	2901.3	2689.0	*2680.8*	2489.2
37.5°	3490.6	3494.7	3505.0	3517.4	3432.9	3334.0	3210.3	3033.1	2816.8	*2802.4*	2604.5
40°	3517.4	3523.6	3579.2	3597.7	3507.1	3424.6	3329.9	3152.7	2940.4	*2923.9*	2719.9
42.5°	3558.6	3608.0	3636.9	3641.0	3562.7	3490.6	3432.9	3288.6	3092.9	*3078.5*	2874.5
45°	3422.6	3404.0	3480.3	3568.9	3564.8	3533.9	3531.8	3441.1	3280.4	*3266.0*	3049.6
47.5°	3251.6	3237.1	3278.3	3408.2	3500.9	3552.4	3628.6	3620.4	3507.1	*3486.5*	3253.6
50°	2843.6	2868.3	3070.2	3247.4	3408.2	3558.6	3711.1	3807.9	3727.5	*3711.1*	3470.0
52.5°	2462.4	2478.8	2616.9	3039.3	3288.6	3540.0	3783.2	4005.7	3985.1	*3966.6*	3706.9
55°	2194.5	2211.0	2431.5	2701.4	3111.4	3445.3	3830.6	4193.2	4246.8	*4228.3*	3958.3
57.5°	1914.3	1941.0	2091.5	2328.4	2874.5	3288.6	3847.1	4382.8	4531.2	*4514.7*	4199.4
60°	1644.3	1681.4	1770.0	2027.6	2581.9	3103.2	3803.8	4535.3	4805.2	*4805.2*	4448.7
62.5°	1395.0	1415.6	1508.3	1741.2	2211.0	2866.2	3694.6	4632.1	5056.6	*5046.3*	4667.2
65°	1188.9	1199.2	1273.4	1473.3	1899.8	2604.5	3505.0	4626.0	5235.9	*5237.9*	4811.4
67°	*1003.5*	*1020.0*	*1102.4*	*1283.7*	*1662.9*	*2357.3*	*3286.6*	*4533.2*	*5299.8*	*5303.9*	*4846.4*
67.5°	939.6	958.2	1048.8	1236.3	1613.4	2289.3	3235.1	4494.1	5295.6	*5303.9*	4836.1
70°	647.0	651.1	803.6	1017.9	1327.0	1928.7	2878.6	4222.1	5139.0	*5132.8*	4611.5
72.5°	412.1	405.9	552.2	743.9	1067.4	1561.9	2429.4	3746.1	4663.0	*4656.9*	4065.5
75°	274.1	280.2	373.0	531.6	750.0	1207.5	1893.7	2827.1	3239.2	*3214.5*	2682.8
77.5°	195.8	191.6	230.8	383.3	502.8	733.6	1028.2	1504.2	1720.6	*1720.6*	1473.3
80°	107.1	109.2	125.7	212.2	284.4	286.4	385.3	754.2	840.7	*859.3*	715.0
82.5°	30.9	33.0	45.3	72.1	78.3	86.5	133.9	216.4	226.7	*239.0*	193.7
85°	0.0	0.0	0.0	2.1	8.2	10.3	10.3	12.4	20.6	*20.6*	22.7
87.5°	0.0	0.0	0.0	0.0	0.0	2.1	2.1	4.1	8.2	*8.2*	10.3
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-722-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9	2070.9
2.5°	2068.8	2070.9	2062.6	2052.3	2044.1	2040.0	2027.6	2017.3	2023.5	2029.6	2029.6
5°	2066.7	2064.7	2048.2	2029.6	2017.3	2009.0	1988.4	1974.0	1976.1	1982.3	1980.2
7.5°	2066.7	2058.5	2035.8	2009.0	1988.4	1972.0	1945.2	1928.7	1926.6	1930.7	1926.6
10°	2068.8	2054.4	2023.5	1986.4	1957.5	1932.8	1899.8	1881.3	1875.1	1877.2	1873.0
12.5°	2072.9	2050.3	2011.1	1963.7	1926.6	1893.7	1856.6	1833.9	1829.8	1833.9	1833.9
15°	2079.1	2050.3	2000.8	1943.1	1893.7	1856.6	1819.5	1798.9	1798.9	1800.9	1800.9
17.5°	2091.5	2056.4	1992.6	1920.4	1860.7	1819.5	1786.5	1772.1	1774.1	1780.3	1780.3
20°	2103.8	2064.7	1984.3	1897.8	1831.8	1784.4	1757.7	1747.4	1755.6	1763.8	1763.8
22.5°	2122.4	2075.0	1976.1	1877.2	1798.9	1751.5	1728.8	1720.6	1728.8	1739.1	1735.0
25°	2151.2	2093.5	1969.9	1858.6	1768.0	1716.4	1693.8	1685.5	1689.7	1697.9	1697.9
27.5°	2184.2	2116.2	1967.8	1836.0	1730.9	1675.2	1648.4	1636.1	1636.1	1638.1	1640.2
30°	2239.8	2155.3	1976.1	1819.5	1697.9	1632.0	1596.9	1578.4	1576.3	1584.6	1584.6
32.5°	2305.8	2208.9	1996.7	1805.0	1664.9	1580.4	1533.1	1518.6	1514.5	1520.7	1514.5
35°	2379.9	2268.7	2023.5	1803.0	1632.0	1524.8	1471.2	1454.8	1442.4	1438.3	1434.1
37.5°	2485.0	2351.1	2050.3	1792.7	1599.0	1465.1	1407.4	1372.3	1357.9	1353.8	1353.8
40°	2588.1	2431.5	2083.2	1776.2	1559.8	1405.3	1322.9	1283.7	1277.5	1277.5	1277.5
42.5°	2717.9	2536.5	2128.6	1765.9	1512.4	1345.5	1232.2	1186.9	1186.9	1186.9	1184.8
45°	2878.6	2674.6	2186.3	1761.8	1467.1	1273.4	1135.4	1075.6	1073.6	1071.5	1069.4
47.5°	3066.1	2818.8	2241.9	1751.5	1413.5	1186.9	1024.1	958.2	943.7	939.6	933.4
50°	3259.8	2975.4	2301.6	1737.0	1349.7	1085.9	919.0	842.8	811.9	801.6	805.7
52.5°	3465.9	3127.9	2359.3	1716.4	1273.4	984.9	811.9	731.5	700.6	688.2	686.2
55°	3667.8	3282.5	2412.9	1689.7	1191.0	881.9	721.2	642.9	616.1	612.0	612.0
57.5°	3871.8	3430.8	2454.1	1650.5	1100.3	791.3	642.9	579.0	560.5	568.7	568.7
60°	4057.2	3560.6	2474.7	1596.9	1009.7	708.8	581.1	533.7	525.4	546.0	544.0
62.5°	4224.1	3647.2	2464.4	1518.6	921.1	638.8	533.7	498.7	500.7	525.4	527.5
65°	4304.5	3661.6	2404.7	1411.5	822.2	579.0	484.2	451.3	455.4	482.2	488.4
67°	*4286.0*	*3606.0*	*2305.8*	*1289.9*	*741.8*	*533.7*	*453.3*	*420.4*	*422.4*	*445.1*	*447.1*
67.5°	4265.4	3579.2	2279.0	1252.8	721.2	525.4	445.1	414.2	418.3	438.9	438.9
70°	3991.3	3307.2	2031.7	1063.2	624.3	467.7	405.9	385.3	389.4	401.8	401.8
72.5°	3488.5	2864.2	1644.3	853.1	529.6	414.2	366.8	354.4	354.4	354.4	344.1
75°	2225.4	1794.7	1075.6	653.2	436.8	354.4	329.7	315.3	307.0	319.4	315.3
77.5°	1230.2	937.6	560.5	375.0	315.3	294.7	286.4	280.2	278.2	307.0	298.8
80°	583.1	463.6	315.3	214.3	181.3	218.4	247.3	243.1	290.5	397.7	399.7
82.5°	185.5	152.5	127.8	117.5	121.6	156.6	191.6	220.5	377.1	426.5	420.4
85°	22.7	20.6	14.4	47.4	80.4	115.4	148.4	286.4	346.2	288.5	272.0
87.5°	8.2	8.2	8.2	33.0	61.8	88.6	133.9	288.5	212.2	193.7	177.2
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: SP2-2501-321-2

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

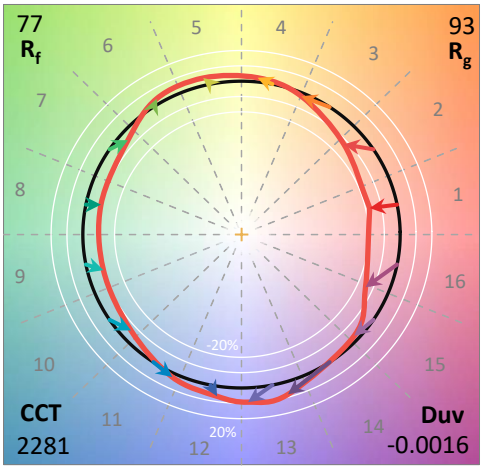
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

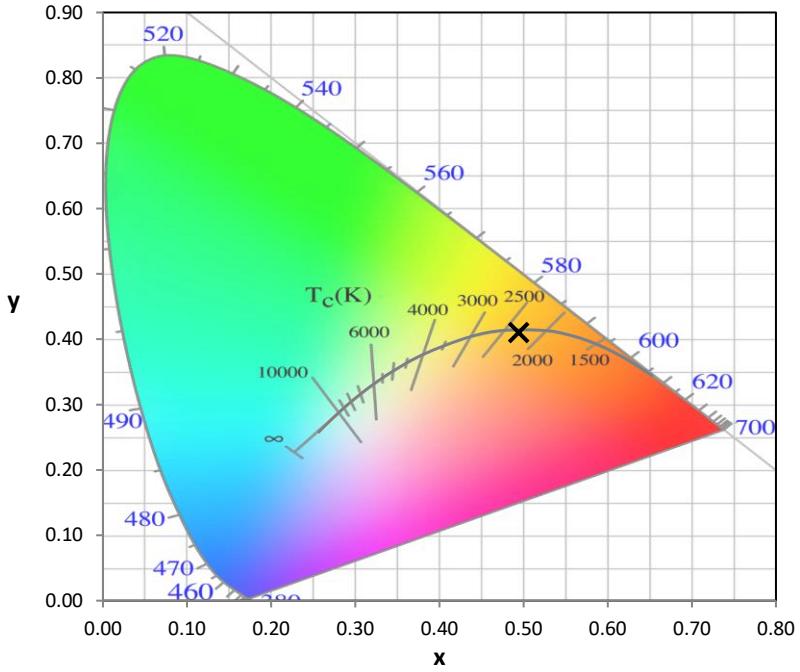
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

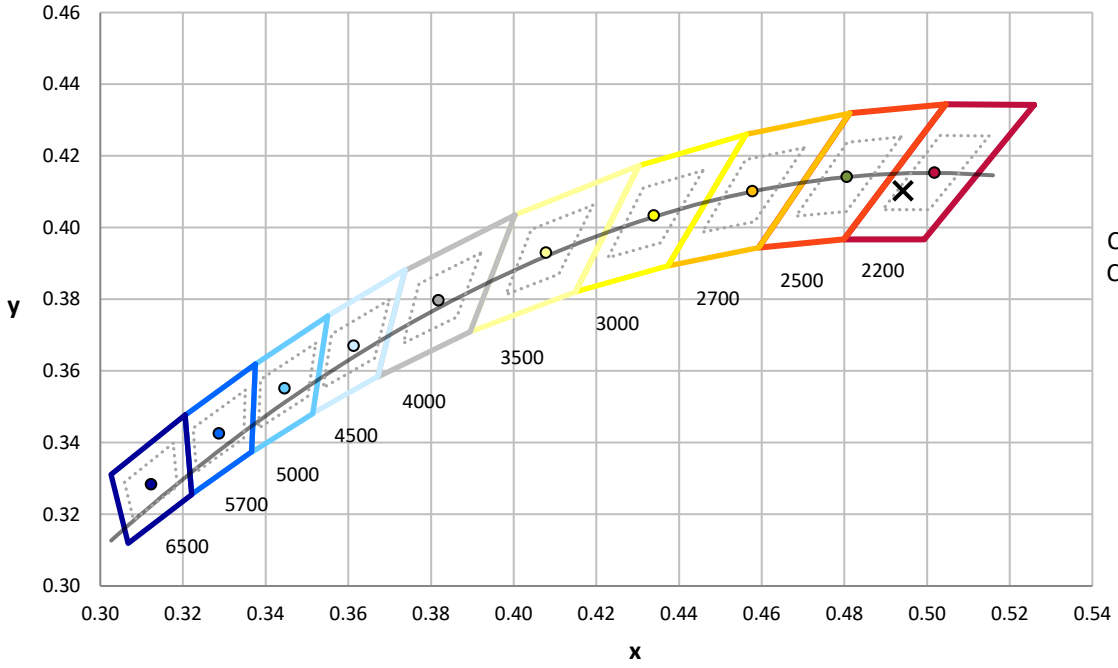
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-2

CIE 1931 Chromaticity Diagram



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

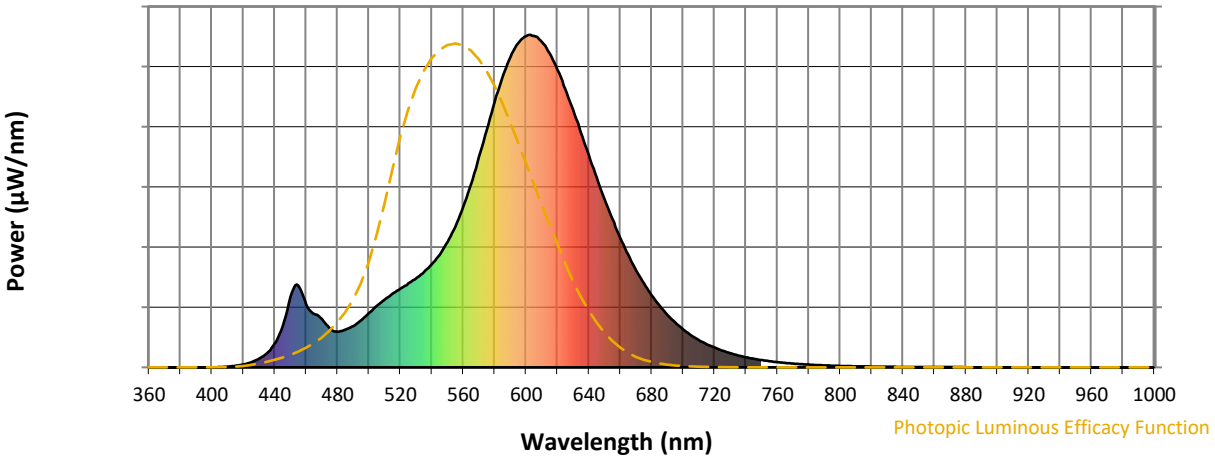


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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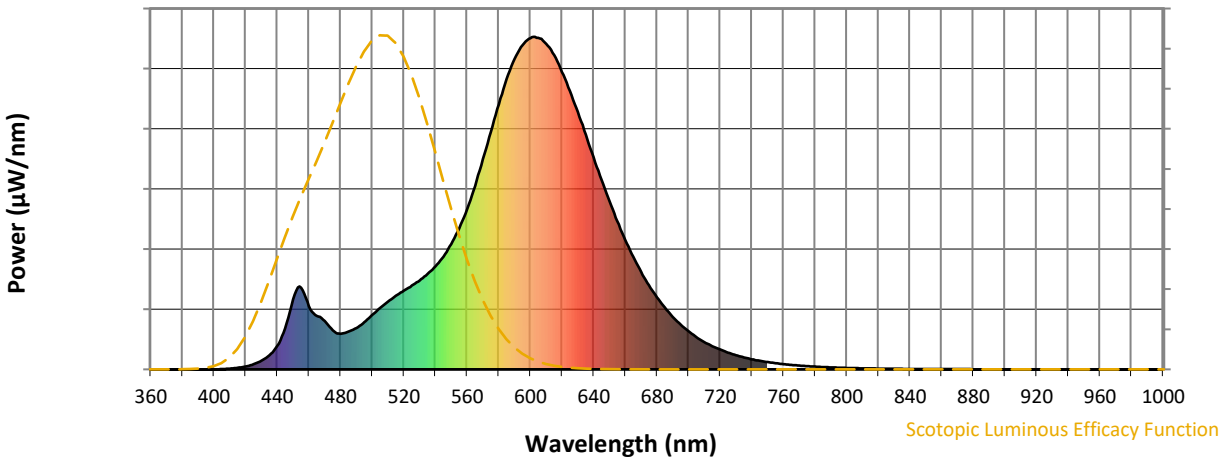
Scotopic Flux vs. Wavelength



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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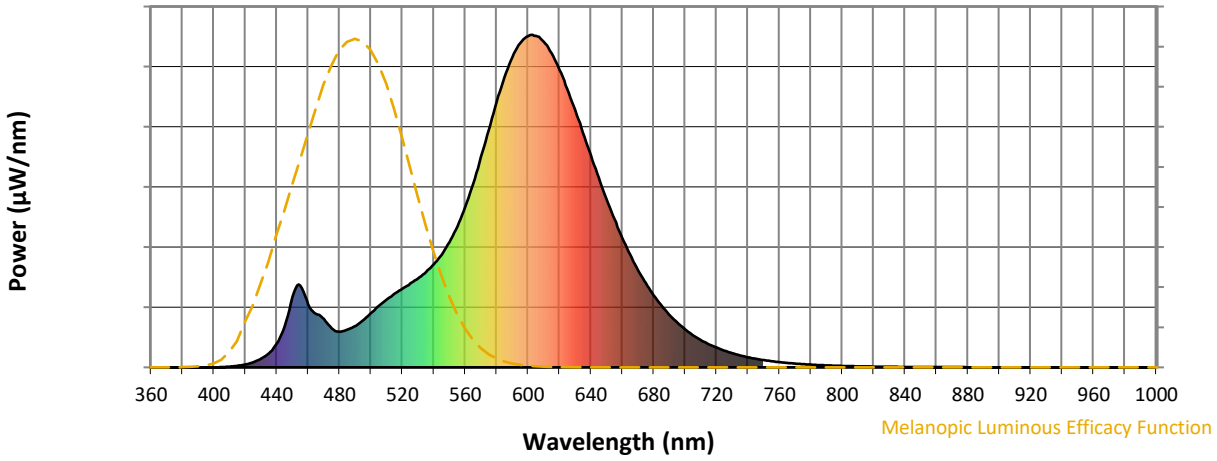
Melanopic Flux vs. Wavelength



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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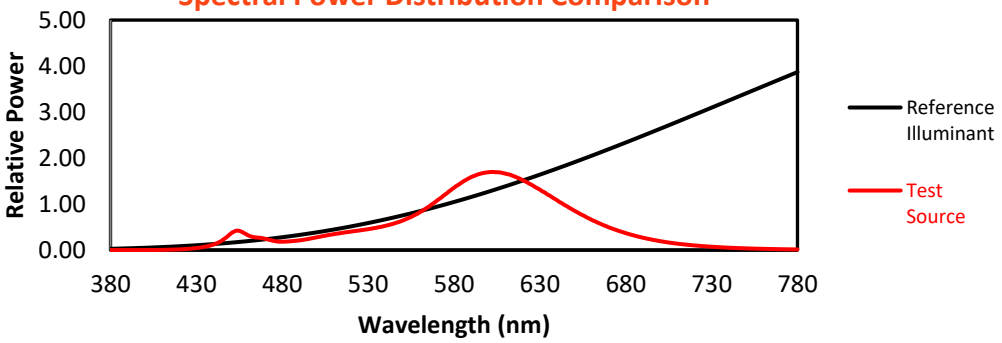
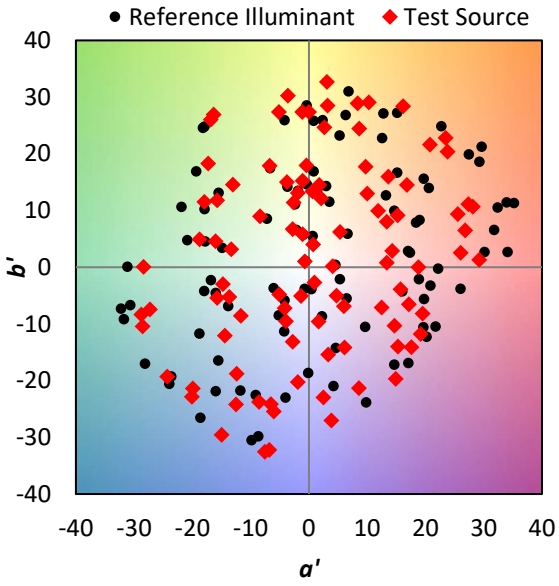
Summary

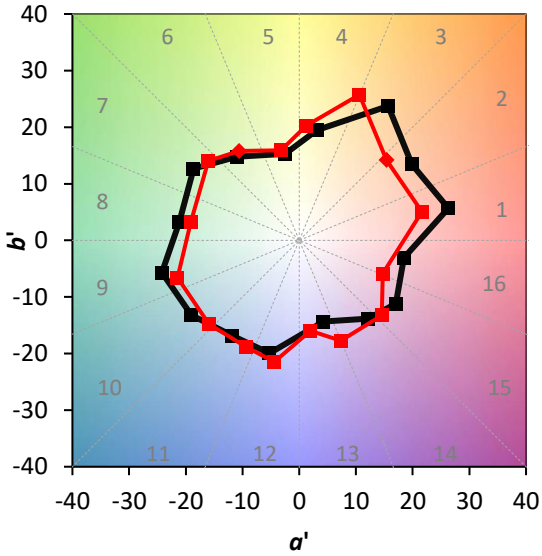
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

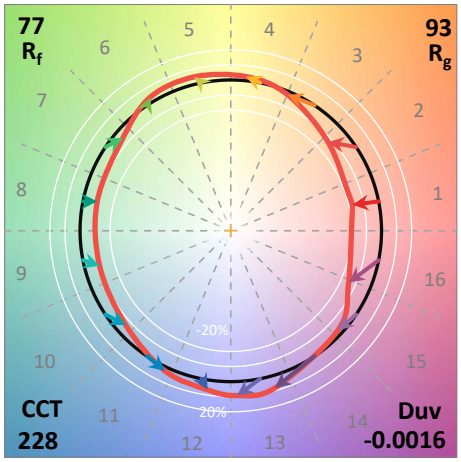
Spectral Power Distribution Comparison

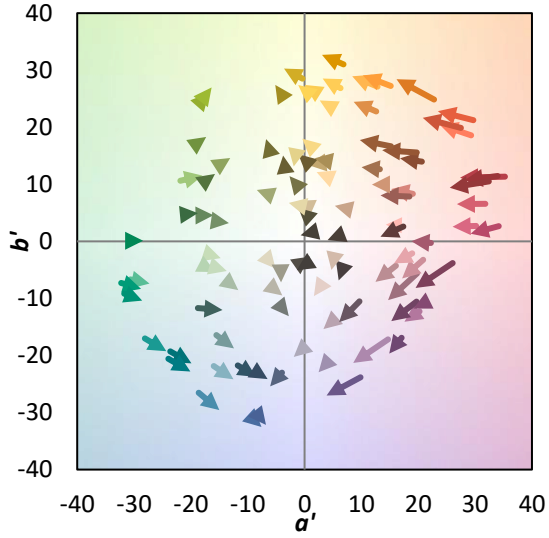


Color Vector Graphics









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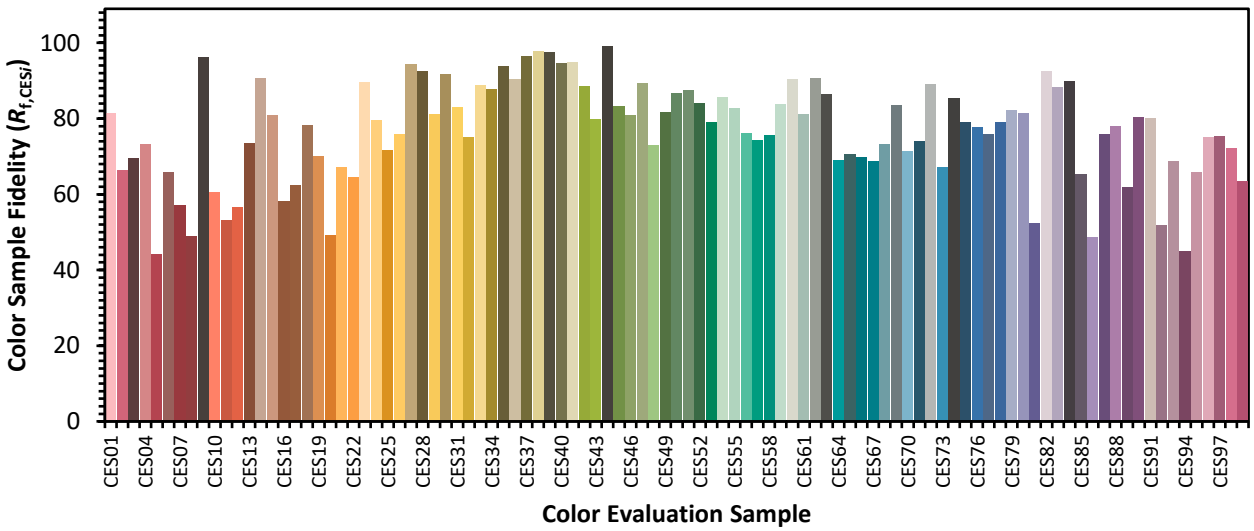
Individual Sample Fidelity Index ($R_{f,i}$)

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	



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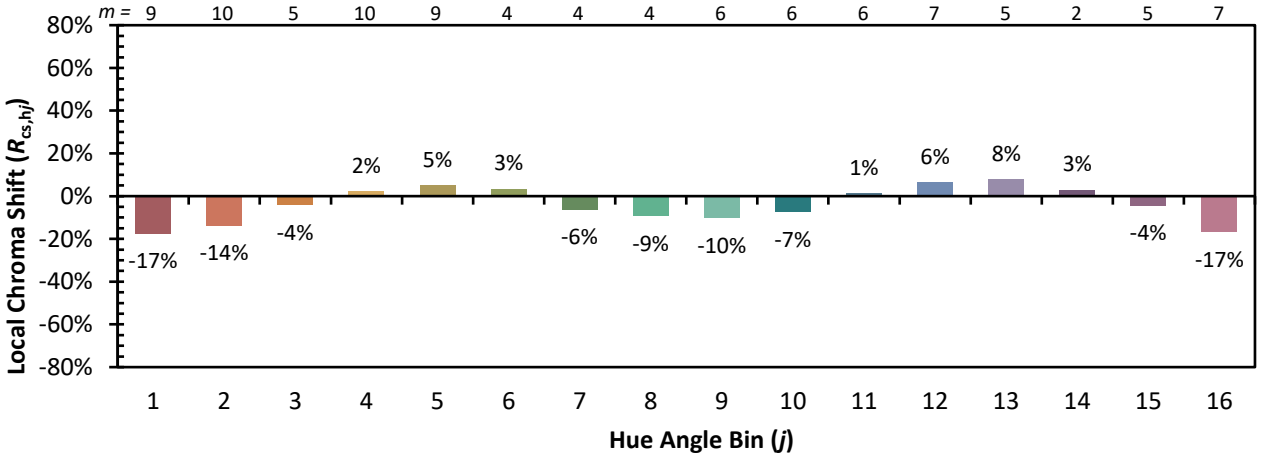
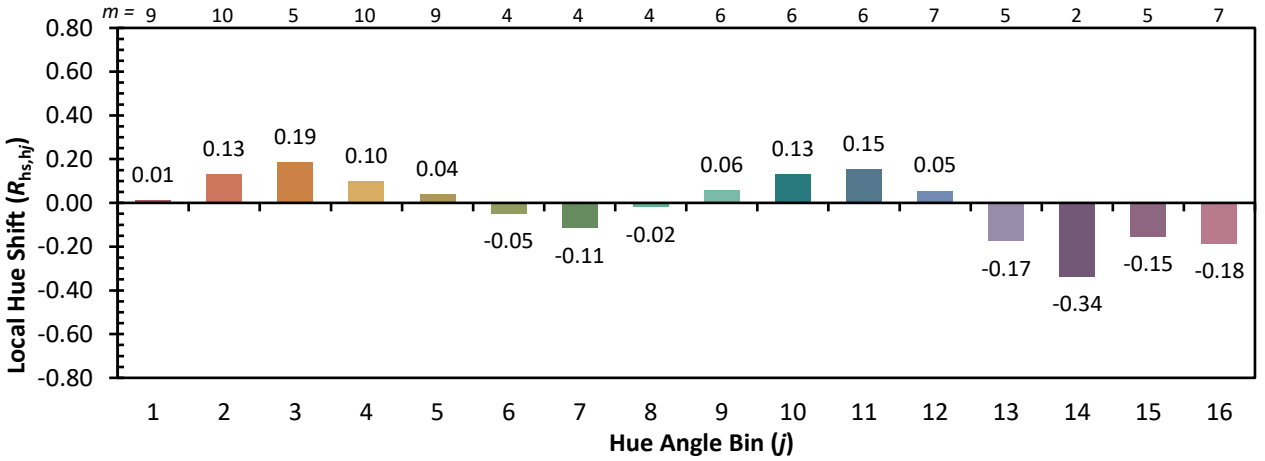
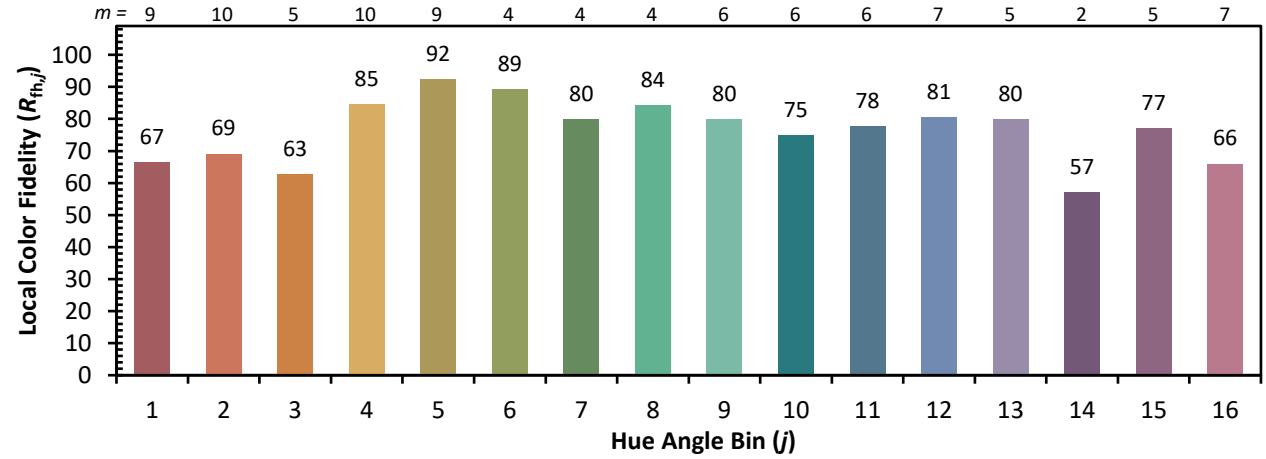
Color Rendition by Hue-Angle Bin







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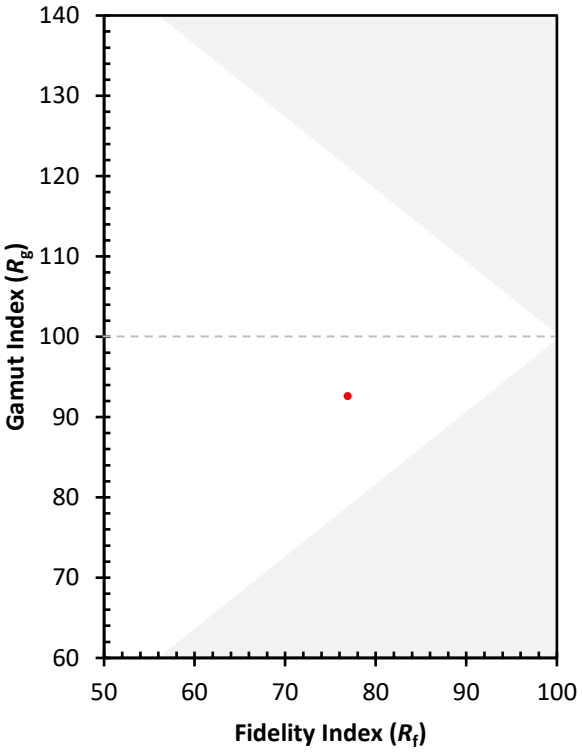
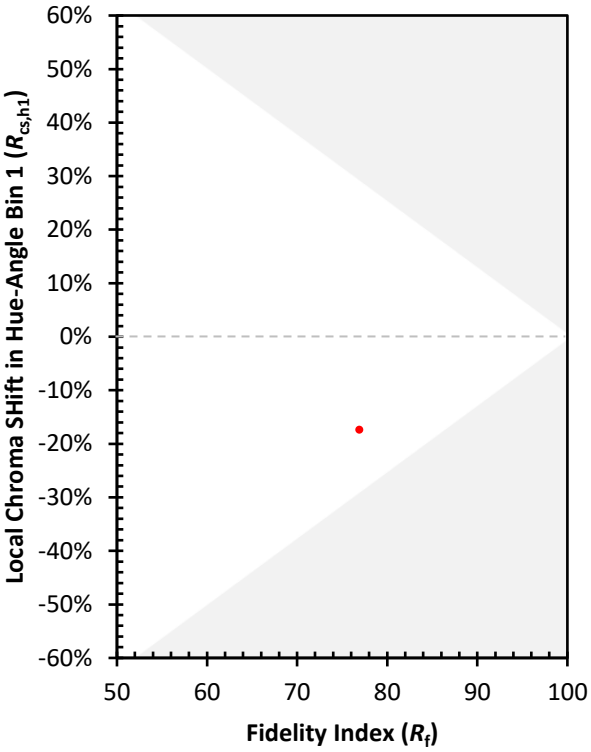
Measure Comparisons





(END OF REPORT)