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: P972277

Luminaire Tested: **GKO-PB2E-740-U-T3**

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:	P972277
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2E-740-U-T3
Description:	GEKKO WALL PACK 12000LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(20) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12786.4 lumens
Efficiency:	N/A
Efficacy:	122.1 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type III - 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: P972277
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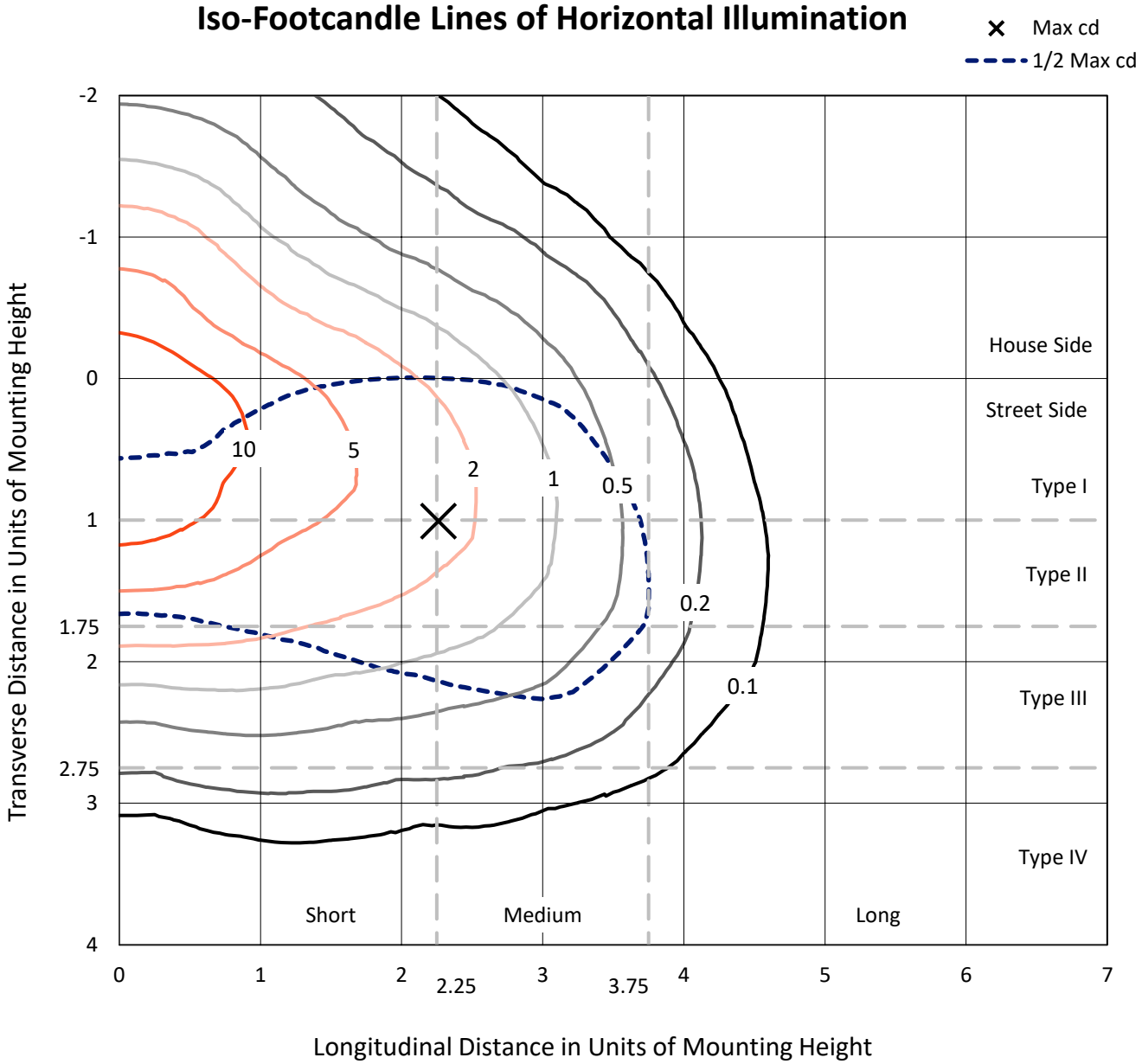
Iso-Footcandle Lines of Horizontal Illumination



Based on 12 foot mounting height. Maximum calculated value = 17.1 fc
Type III - Medium - N/A

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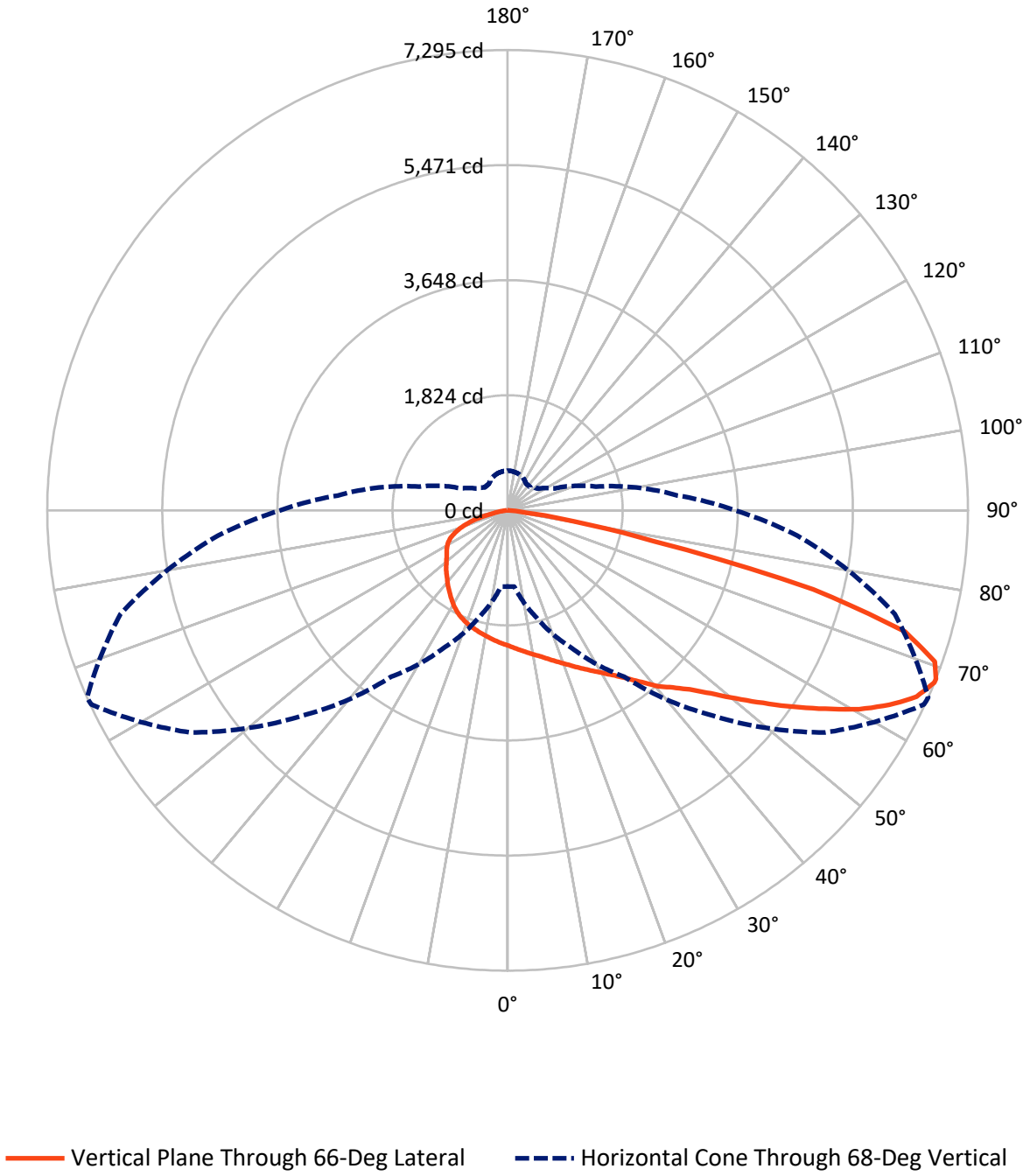
Luminous Intensity Polar Plot



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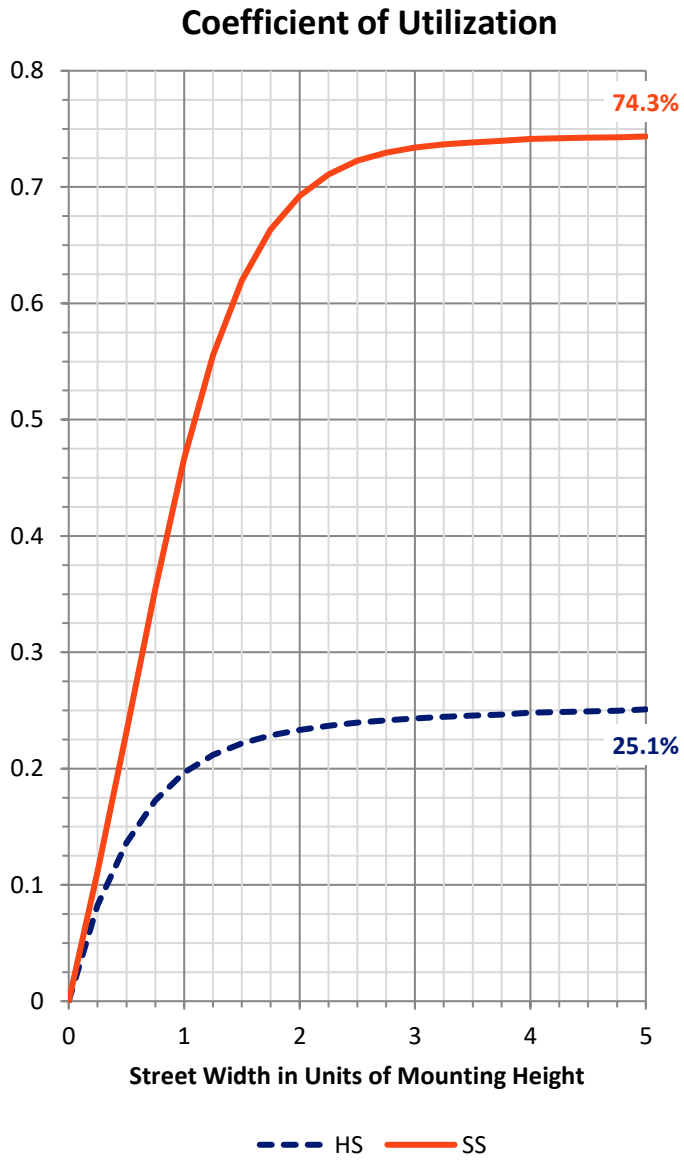
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3273.5	0.0	3273.5
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	9512.9	0.0	9512.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	12786.4	0.0	12786.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.7	1.6
10°-20°	618.4	4.8
20°-30°	1065.7	8.3
30°-40°	1653.0	12.9
40°-50°	2264.6	17.7
50°-60°	2701.4	21.1
60°-70°	2706.9	21.2
70°-80°	1432.4	11.2
80°-90°	138.3	1.1
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°	12786.4	100.0
0°-180°	12786.4	100.0



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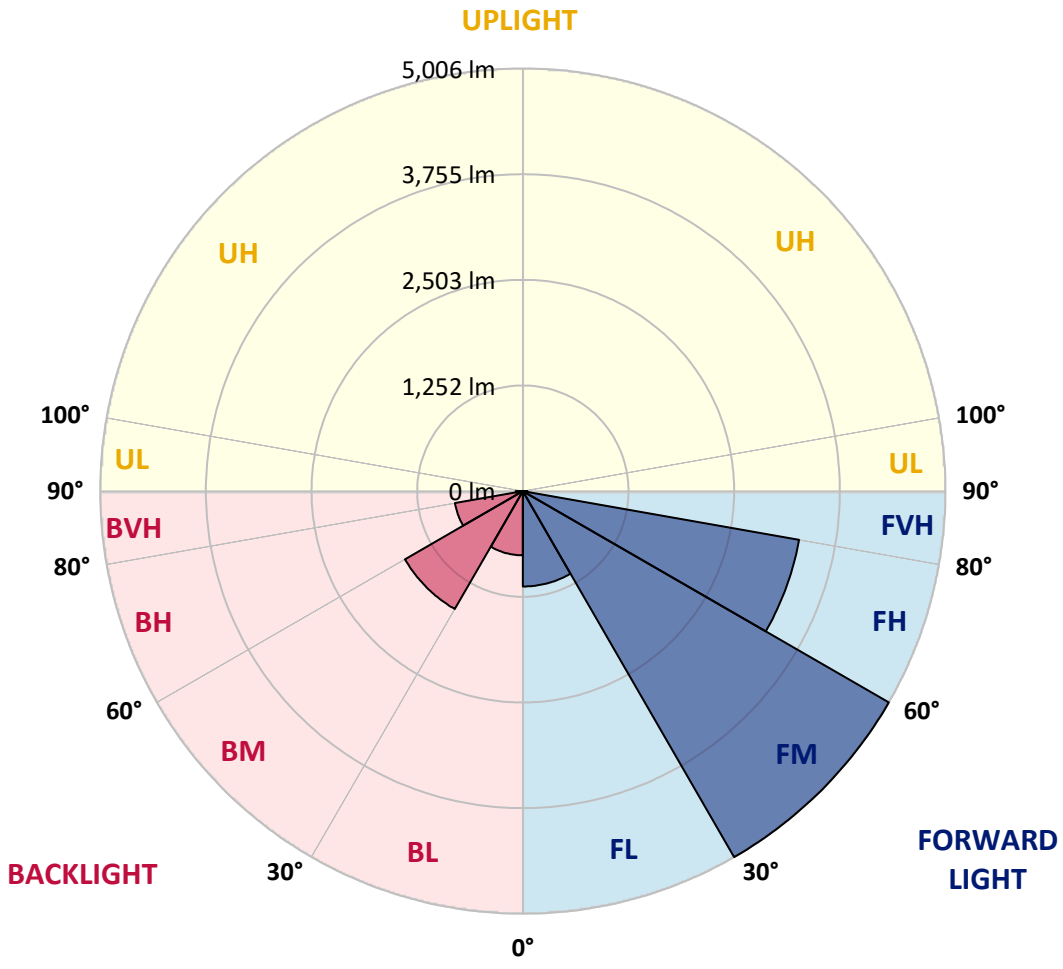
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1129.4	8.8			
FM	(30°-60°)	5006.5	39.2			
FH	(60°-80°)	3322.6	26.0			G2/5000
FVH	(80°-90°)	54.3	0.4			G1/100
BL	(0°-30°)	760.3	5.9	B2/1000		
BM	(30°-60°)	1612.5	12.6	B2/2500		
BH	(60°-80°)	816.7	6.4	B2/1000		G2/1000
BVH	(80°-90°)	83.9	0.7			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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	*2144.6*	2144.6	2144.6
2.5°	2233.9	2233.9	2228.9	2226.5	2224.0	2209.1	2199.2	2186.8	*2186.8*	2166.9	2149.5
5°	2310.9	2313.3	2303.4	2303.4	2293.5	2273.6	2253.8	2228.9	*2228.9*	2199.2	2164.4
7.5°	2377.9	2385.3	2375.4	2375.4	2365.5	2343.1	2310.9	2276.1	*2276.1*	2233.9	2184.3
10°	2442.4	2447.4	2442.4	2447.4	2432.5	2412.6	2375.4	2328.2	*2325.8*	2273.6	2204.1
12.5°	2494.5	2499.5	2502.0	2509.4	2497.0	2482.1	2447.4	2387.8	*2380.4*	2318.3	2228.9
15°	2544.2	2549.1	2556.6	2566.5	2564.0	2551.6	2519.4	2452.3	*2447.4*	2367.9	2261.2
17.5°	2583.9	2586.4	2601.3	2621.1	2626.1	2628.6	2593.8	2524.3	*2519.4*	2425.0	2296.0
20°	2641.0	2645.9	2660.8	2680.7	2695.6	2705.5	2678.2	2601.3	*2596.3*	2492.1	2340.6
22.5°	2770.1	2762.6	2770.1	2770.1	2777.5	2792.4	2772.5	2695.6	*2685.7*	2571.5	2395.3
25°	3013.3	3005.9	2986.0	2941.3	2891.7	2889.2	2866.9	2792.4	*2780.0*	2653.4	2447.4
27.5°	3353.4	3336.0	3298.7	3204.4	3085.3	3008.3	2973.6	2896.6	*2881.7*	2735.3	2497.0
30°	3713.3	3733.1	3671.1	3542.0	3323.6	3159.7	3092.7	3005.9	*2993.4*	2827.1	2556.6
32.5°	4132.7	4135.2	4073.2	3894.5	3611.5	3350.9	3236.7	3130.0	*3120.0*	2933.9	2636.0
35°	4376.0	4385.9	4358.6	4192.3	3869.6	3561.9	3410.4	3281.4	*3273.9*	3067.9	2735.3
37.5°	4629.2	4651.5	4609.3	4425.6	4065.7	3757.9	3604.0	3462.6	*3455.1*	3221.8	2859.4
40°	5004.0	4994.0	4949.4	4678.8	4249.4	3921.8	3795.2	3683.5	*3666.1*	3410.4	2986.0
42.5°	5274.5	5299.3	5202.5	4897.2	4450.5	4085.6	3986.3	3859.7	*3837.4*	3524.6	3060.5
45°	5366.4	5344.0	5237.3	5013.9	4713.6	4234.5	4167.5	4070.7	*4048.3*	3725.7	3206.9
47.5°	5386.2	5346.5	5252.2	5083.4	4936.9	4428.1	4388.4	4366.1	*4333.8*	3978.8	3383.1
50°	5264.6	5237.3	5192.6	5108.2	5080.9	4609.3	4629.2	4711.1	*4683.8*	4251.9	3579.2
52.5°	4989.1	4976.7	5016.4	5071.0	4999.0	4765.7	4914.6	5080.9	*5071.0*	4552.2	3790.2
55°	4470.3	4470.3	4693.7	4884.8	4927.0	4867.4	5222.4	5507.8	*5495.4*	4889.8	3991.3
57.5°	3996.2	4003.7	4189.8	4619.2	4797.9	4976.7	5564.9	5954.6	*5934.8*	5269.6	4202.2
60°	3398.0	3398.0	3681.0	4219.6	4611.8	5061.1	5867.7	6386.5	*6398.9*	5636.9	4410.7
62.5°	2690.6	2698.1	3090.2	3723.2	4343.7	5075.9	6108.5	6793.6	*6791.1*	5969.5	4572.1
65°	1983.2	1985.7	2519.4	3172.2	3941.6	4971.7	6240.1	7106.3	*7121.2*	6232.6	4666.4
67.5°	1288.2	1313.0	1854.1	2574.0	3373.2	4676.3	6170.6	7272.6	*7290.0*	6354.2	4636.6
68°	*1206.3*	*1211.3*	*1754.9*	*2410.1*	*3219.3*	*4601.9*	*6138.3*	*7280.1*	*7295.0*	*6351.8*	*4606.8*
70°	781.9	781.9	1256.0	1881.5	2569.0	4137.7	5857.8	7163.4	*7180.8*	6242.5	4390.9
72.5°	422.0	429.4	717.3	1139.3	1754.9	3201.9	5286.9	6555.3	*6585.1*	5644.4	3839.8
75°	295.4	300.3	417.0	637.9	955.6	2085.0	4132.7	5008.9	*5004.0*	3899.4	2405.2
77.5°	213.5	213.5	238.3	397.1	501.4	953.1	2045.3	2412.6	*2385.3*	1903.8	1213.8
80°	139.0	139.0	148.9	208.5	240.8	290.4	625.5	1045.0	*1064.8*	928.3	605.6
82.5°	57.1	59.6	64.5	84.4	86.9	121.6	178.7	300.3	*290.4*	235.8	171.3
85°	7.4	7.4	9.9	12.4	14.9	27.3	24.8	24.8	*24.8*	29.8	27.3
87.5°	0.0	0.0	0.0	0.0	0.0	2.5	5.0	7.4	*7.4*	9.9	7.4
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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Scaled Data Report

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CATALOG NUMBER: GKO-PB2E-740-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6	2144.6
2.5°	2144.6	2144.6	2129.7	2114.8	2099.9	2087.5	2070.1	2057.7	2060.2	2067.6	2065.1
5°	2157.0	2144.6	2114.8	2082.5	2057.7	2035.3	2003.1	1985.7	1983.2	1988.2	1985.7
7.5°	2164.4	2144.6	2099.9	2050.2	2010.5	1980.7	1936.1	1918.7	1911.2	1913.7	1913.7
10°	2179.3	2147.0	2085.0	2015.5	1965.8	1923.6	1876.5	1851.7	1844.2	1844.2	1841.7
12.5°	2196.7	2152.0	2070.1	1985.7	1921.2	1871.5	1816.9	1789.6	1782.2	1782.2	1779.7
15°	2214.1	2159.4	2055.2	1953.4	1879.0	1819.4	1767.3	1735.0	1725.1	1725.1	1730.0
17.5°	2236.4	2166.9	2040.3	1923.6	1834.3	1767.3	1712.7	1680.4	1668.0	1675.4	1680.4
20°	2258.7	2181.8	2025.4	1891.4	1789.6	1720.1	1665.5	1633.2	1620.8	1633.2	1635.7
22.5°	2291.0	2194.2	2008.0	1854.1	1744.9	1668.0	1618.3	1588.6	1581.1	1593.5	1603.5
25°	2323.3	2209.1	1985.7	1814.4	1687.8	1613.4	1573.7	1551.3	1553.8	1571.2	1581.1
27.5°	2358.0	2221.5	1963.4	1764.8	1625.8	1556.3	1526.5	1521.5	1531.5	1551.3	1563.7
30°	2400.2	2238.9	1933.6	1707.7	1556.3	1494.2	1481.8	1496.7	1514.1	1534.0	1546.4
32.5°	2454.8	2261.2	1903.8	1643.2	1484.3	1427.2	1447.1	1479.3	1499.2	1519.1	1531.5
35°	2531.8	2305.9	1886.4	1578.6	1407.4	1370.1	1414.8	1466.9	1481.8	1494.2	1509.1
37.5°	2621.1	2365.5	1879.0	1519.1	1337.9	1320.5	1382.5	1444.6	1449.6	1454.5	1469.4
40°	2708.0	2410.1	1859.1	1454.5	1265.9	1265.9	1342.8	1402.4	1399.9	1392.5	1402.4
42.5°	2742.7	2405.2	1802.0	1392.5	1208.8	1211.3	1280.8	1337.9	1323.0	1323.0	1337.9
45°	2842.0	2444.9	1759.8	1342.8	1156.7	1146.7	1201.3	1246.0	1270.8	1303.1	1318.0
47.5°	2968.6	2499.5	1727.6	1285.7	1107.0	1074.8	1104.5	1179.0	1221.2	1256.0	1268.4
50°	3100.2	2561.6	1697.8	1226.2	1057.4	992.9	1007.7	1089.7	1126.9	1144.3	1151.7
52.5°	3234.2	2618.6	1675.4	1176.5	1000.3	896.0	928.3	1005.3	1032.6	1042.5	1047.5
55°	3353.4	2665.8	1655.6	1134.3	935.8	819.1	843.9	923.4	943.2	953.1	960.6
57.5°	3479.9	2717.9	1643.2	1094.6	863.8	752.1	769.5	841.4	868.7	878.7	886.1
60°	3591.6	2767.6	1633.2	1052.4	796.8	692.5	702.4	771.9	801.7	806.7	814.1
62.5°	3666.1	2799.8	1618.3	1000.3	734.7	635.4	637.9	704.9	737.2	742.2	747.1
65°	3686.0	2792.4	1573.7	930.8	672.7	578.3	578.3	642.9	677.6	695.0	702.4
67.5°	3626.4	2730.3	1479.3	841.4	613.1	526.2	526.2	583.3	620.5	640.4	647.8
68°	*3606.5*	*2703.0*	*1449.6*	*819.1*	*598.2*	*513.8*	*513.8*	*573.4*	*608.1*	*625.5*	*630.5*
70°	3437.7	2569.0	1313.0	734.7	551.0	476.6	476.6	528.7	565.9	565.9	563.4
72.5°	2986.0	2226.5	1079.7	615.6	481.5	422.0	429.4	479.1	491.5	503.9	501.4
75°	1849.2	1332.9	724.8	486.5	404.6	369.8	384.7	429.4	436.9	464.2	456.7
77.5°	925.8	652.8	384.7	283.0	312.7	317.7	345.0	377.3	399.6	429.4	409.6
80°	456.7	317.7	225.9	176.2	183.7	233.3	300.3	325.2	364.9	384.7	367.4
82.5°	126.6	96.8	91.8	96.8	136.5	181.2	235.8	287.9	340.1	357.4	332.6
85°	22.3	17.4	14.9	47.2	94.3	134.0	191.1	255.7	305.3	292.9	275.5
87.5°	7.4	5.0	5.0	29.8	69.5	109.2	163.8	228.4	260.6	235.8	211.0
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: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

Data in this report applies to families of products including GKO-PB1E-740-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

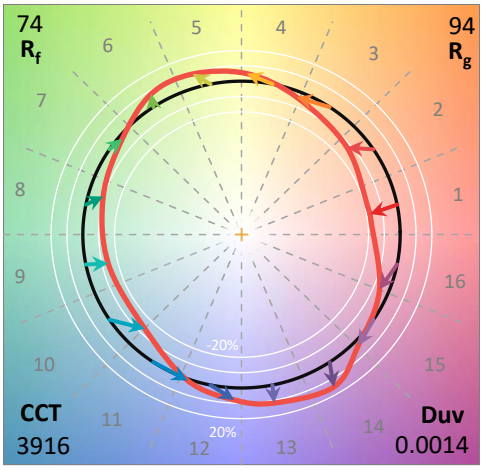
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-1
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-740-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3916
CIE u':	0.2259
CIE v':	0.5049
Duv:	0.0014
CIE x:	0.3853
CIE y:	0.3827
CIE z:	0.2321
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	578
Purity:	30.46652
Rf:	73.5
Rg:	93.5

CRI (Ra):	71.0				
R1:	67.4	R9:	-37.9
R2:	78.3	R10:	48.9
R3:	87.2	R11:	64.6
R4:	69.5	R12:	40.9
R5:	67.2	R13:	69.2
R6:	69.3	R14:	92.7
R7:	79.9	R15:	59.8
R8:	48.9		



Test Conditions

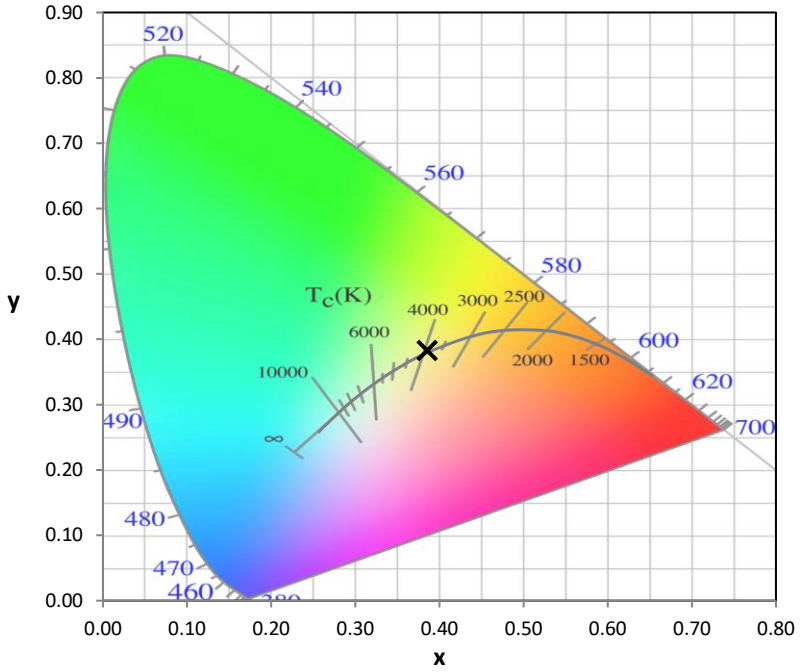
Stabilization Time:	33M
Operation Time:	1H 33M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-1

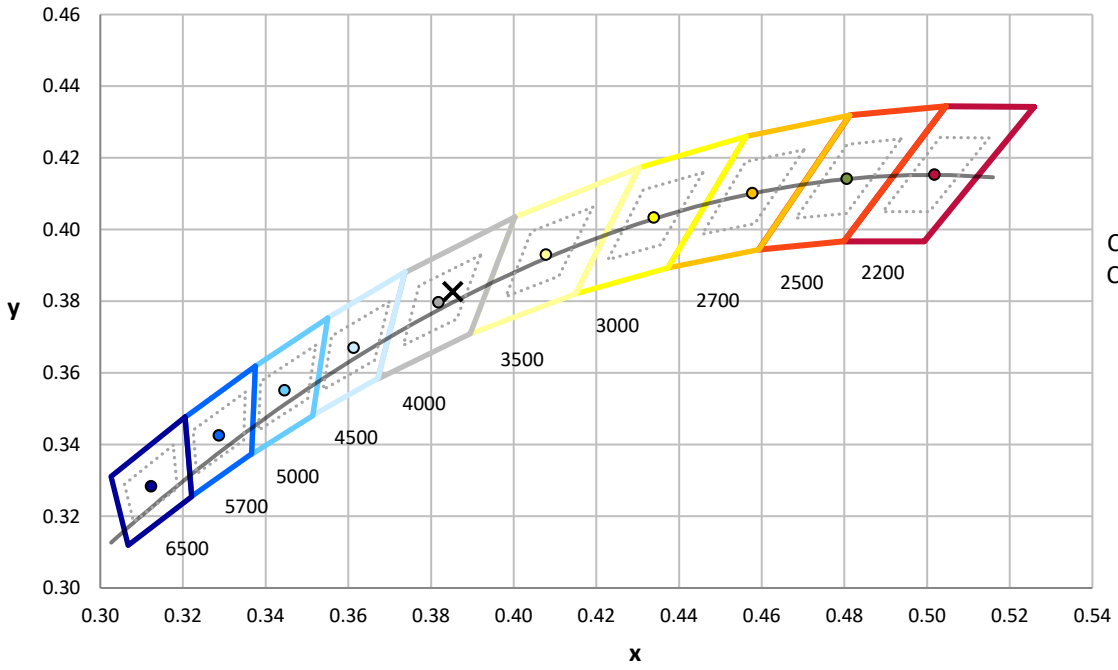
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-1

CIE 1931 Chromaticity Diagram



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

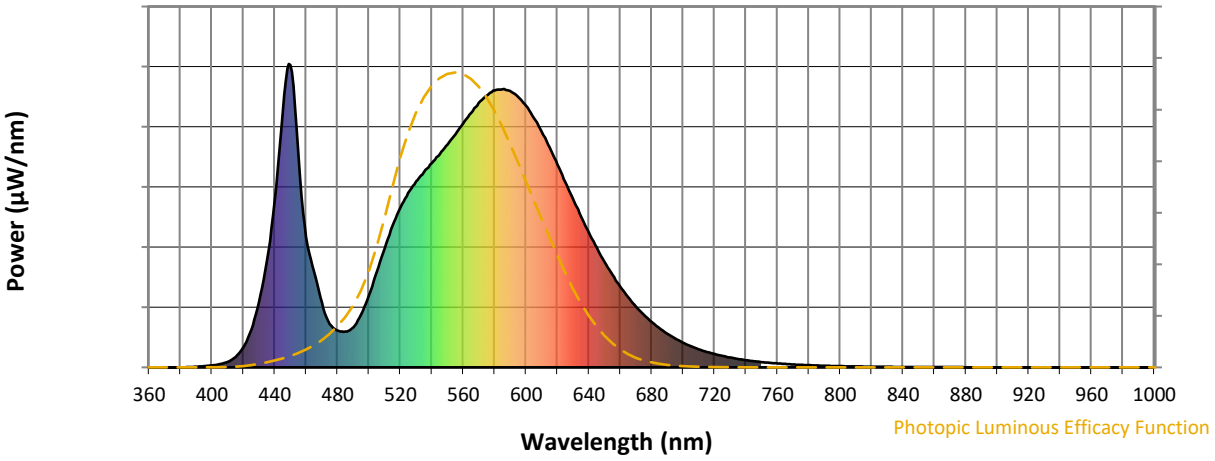


CCT = 3916K
CIE x = 0.3853
CIE y = 0.3827
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-1

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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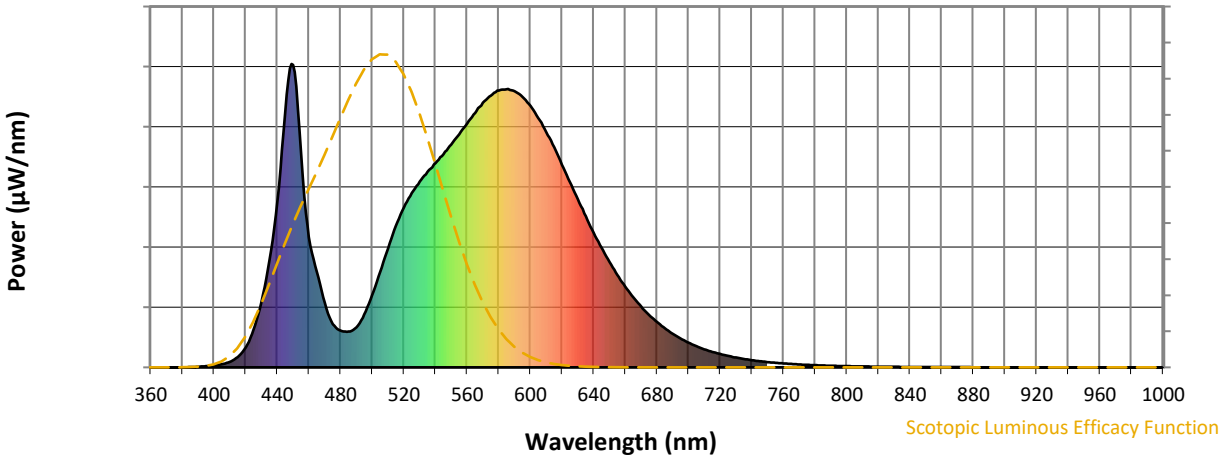
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.49**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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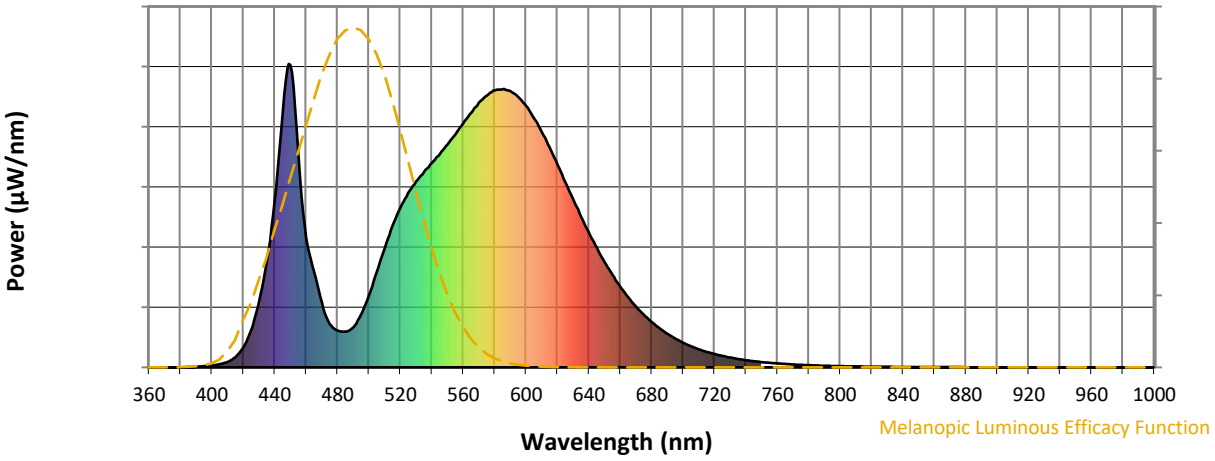
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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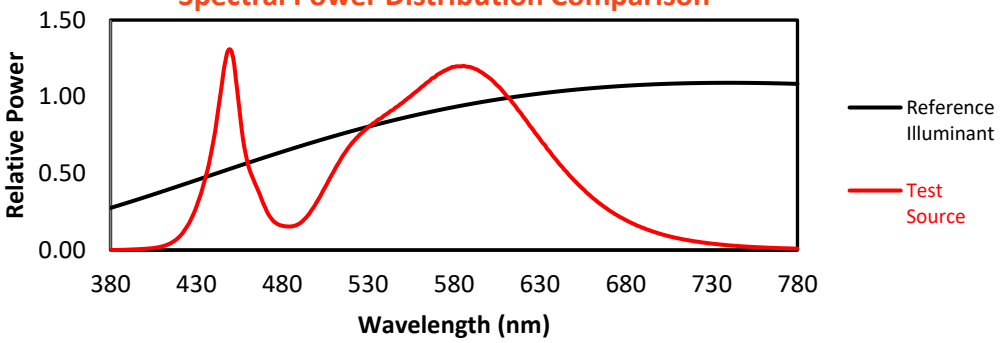
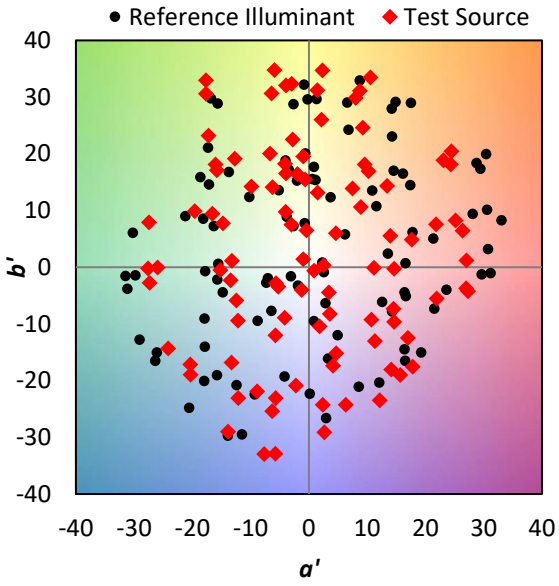
Summary

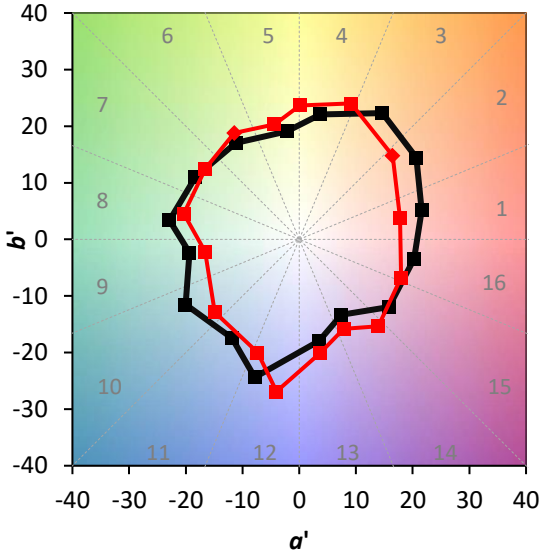
R_f = 73.5
R_g = 93.5
CIE R_a = 71.0
R_9 = -37.9

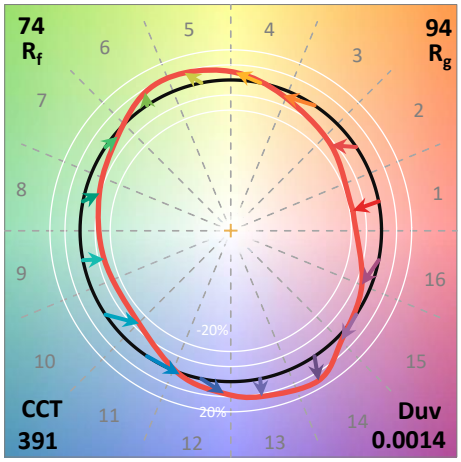
Spectral Power Distribution Comparison

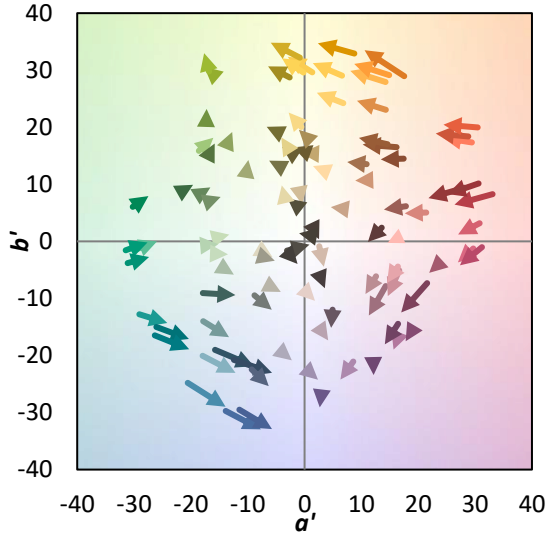


Color Vector Graphics









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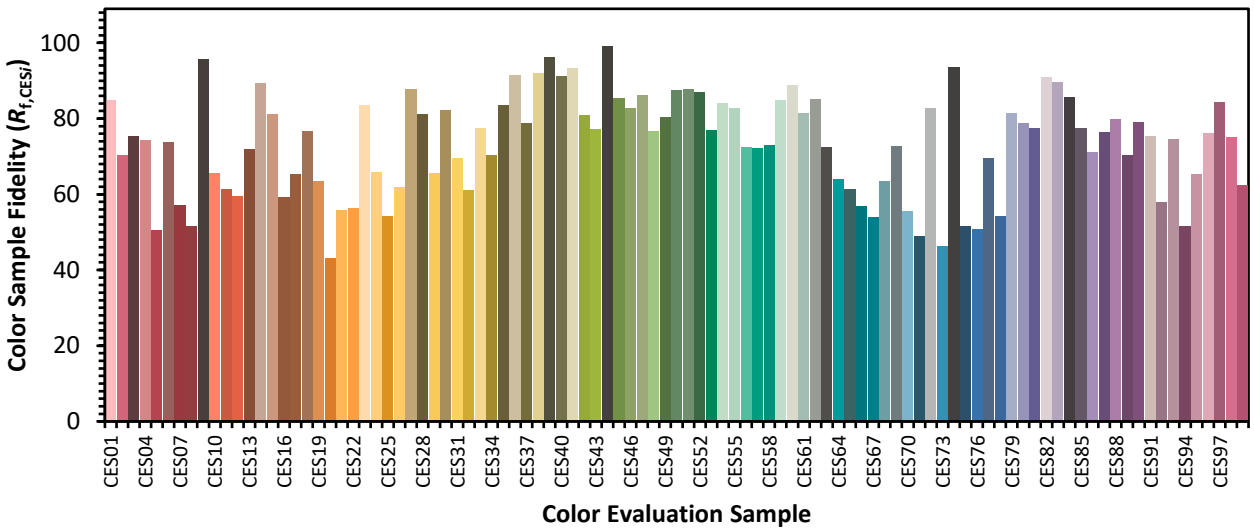
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 91
CES08 = 39	CES33 = 77	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 86
CES10 = 74	CES35 = 84	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 81	CES86 = 71
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 76
CES13 = 42	CES38 = 92	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 64	CES89 = 70
CES15 = 71	CES40 = 91	CES65 = 61	CES90 = 79
CES16 = 46	CES41 = 93	CES66 = 57	CES91 = 75
CES17 = 49	CES42 = 81	CES67 = 54	CES92 = 58
CES18 = 56	CES43 = 77	CES68 = 63	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 73	CES94 = 52
CES20 = 65	CES45 = 85	CES70 = 56	CES95 = 65
CES21 = 86	CES46 = 83	CES71 = 49	CES96 = 76
CES22 = 78	CES47 = 86	CES72 = 83	CES97 = 84
CES23 = 92	CES48 = 77	CES73 = 46	CES98 = 75
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 62
CES25 = 72	CES50 = 87	CES75 = 52	



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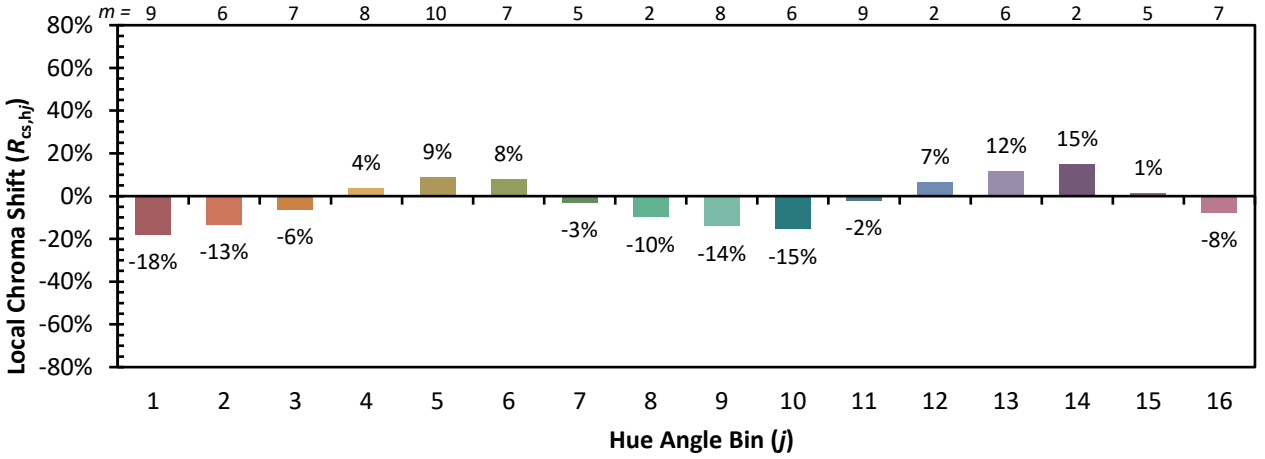
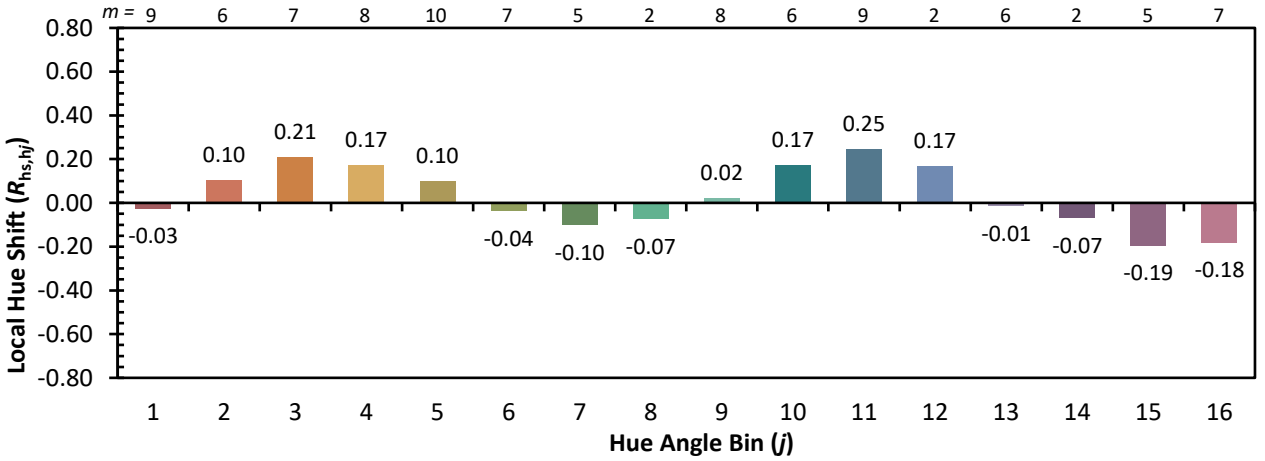
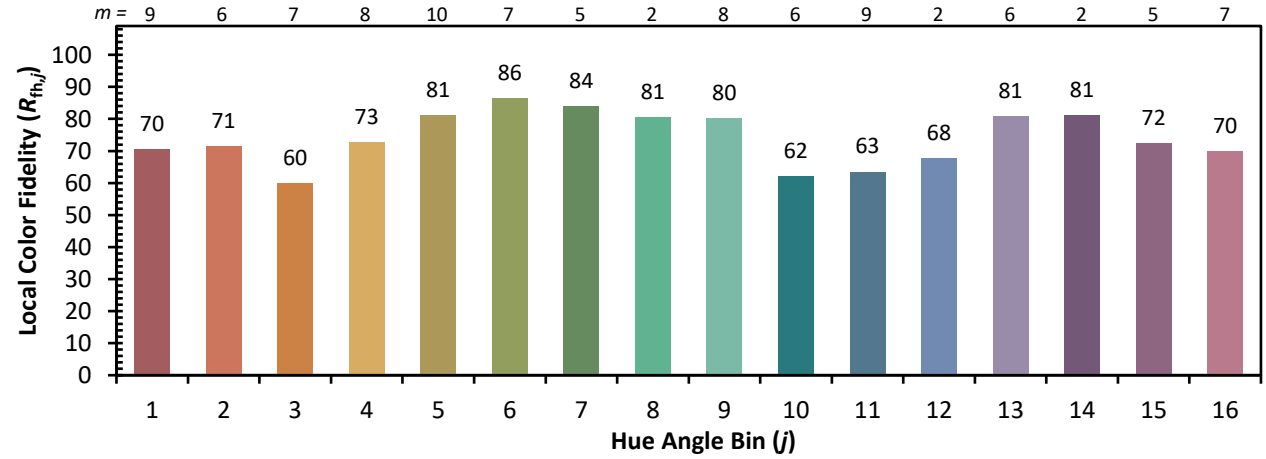
Color Rendition by Hue-Angle Bin







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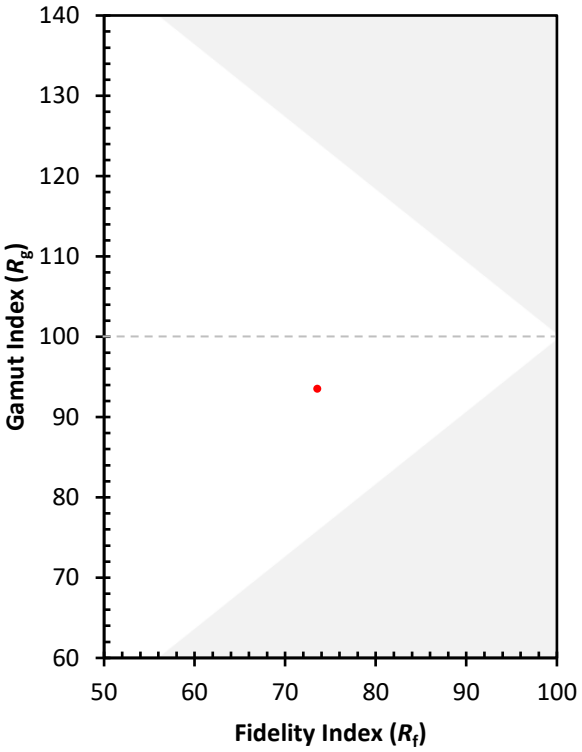
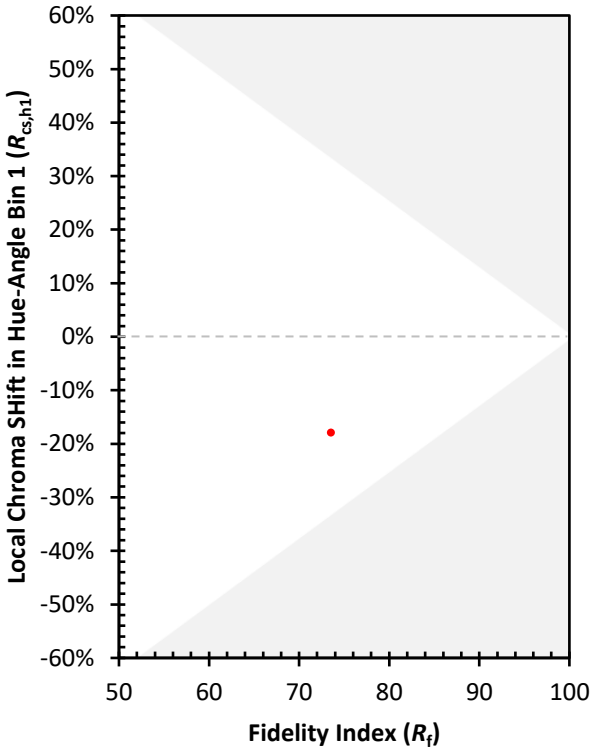
Measure Comparisons





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