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: P972268

Luminaire Tested: **GKO-PB2D-730-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:	P972268
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2D-730-U-T3
Description:	GEKKO WALL PACK 10000LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9740.6 lumens
Efficiency:	N/A
Efficacy:	127.8 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):	76.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	8%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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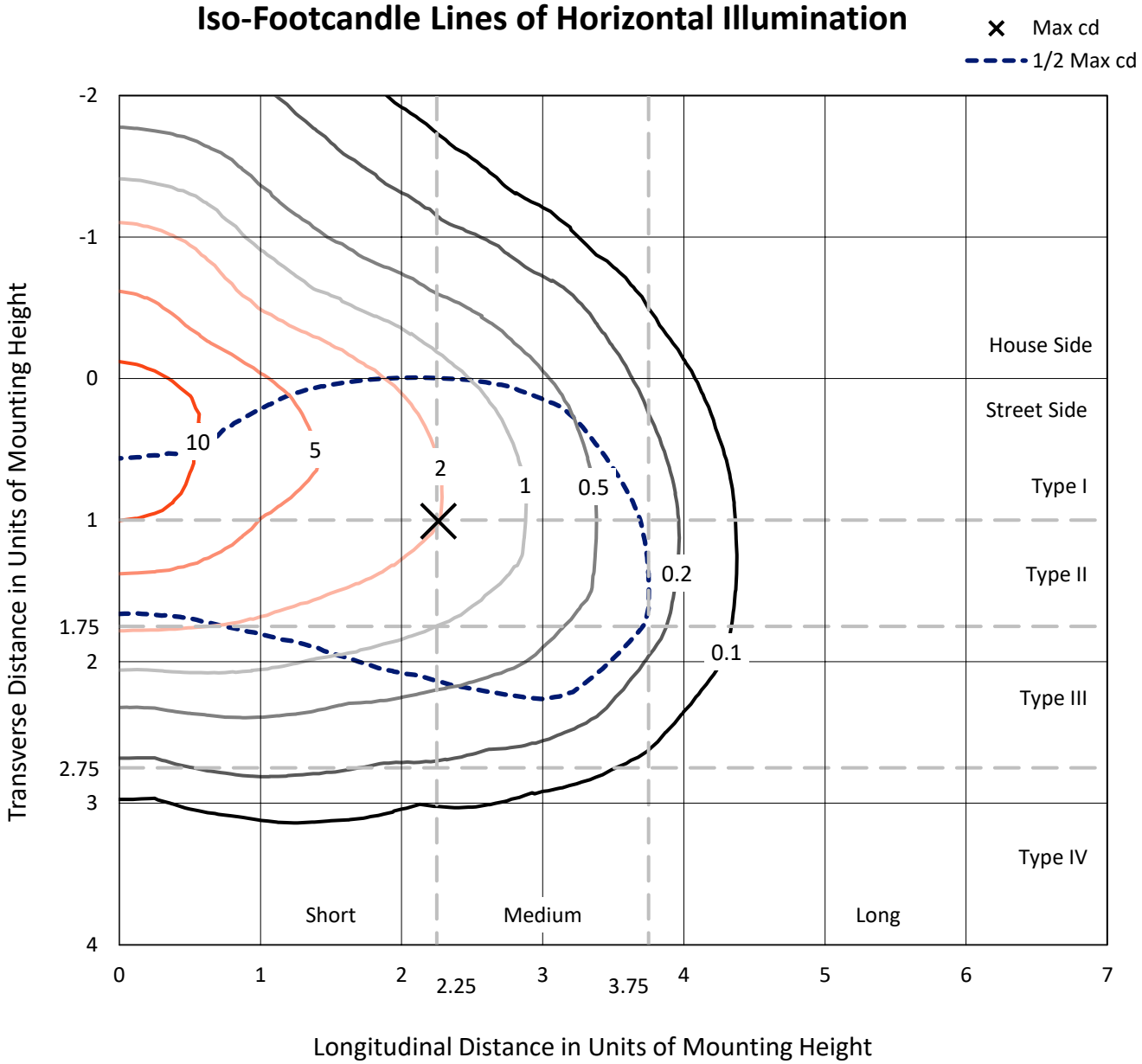
REPORT NUMBER: P972268
CATALOG NUMBER: GKO-PB2D-730-U-T3

Iso-Footcandle Lines of Horizontal Illumination



Based on 12 foot mounting height. Maximum calculated value = 13.1 fc
Type III - Medium - N/A

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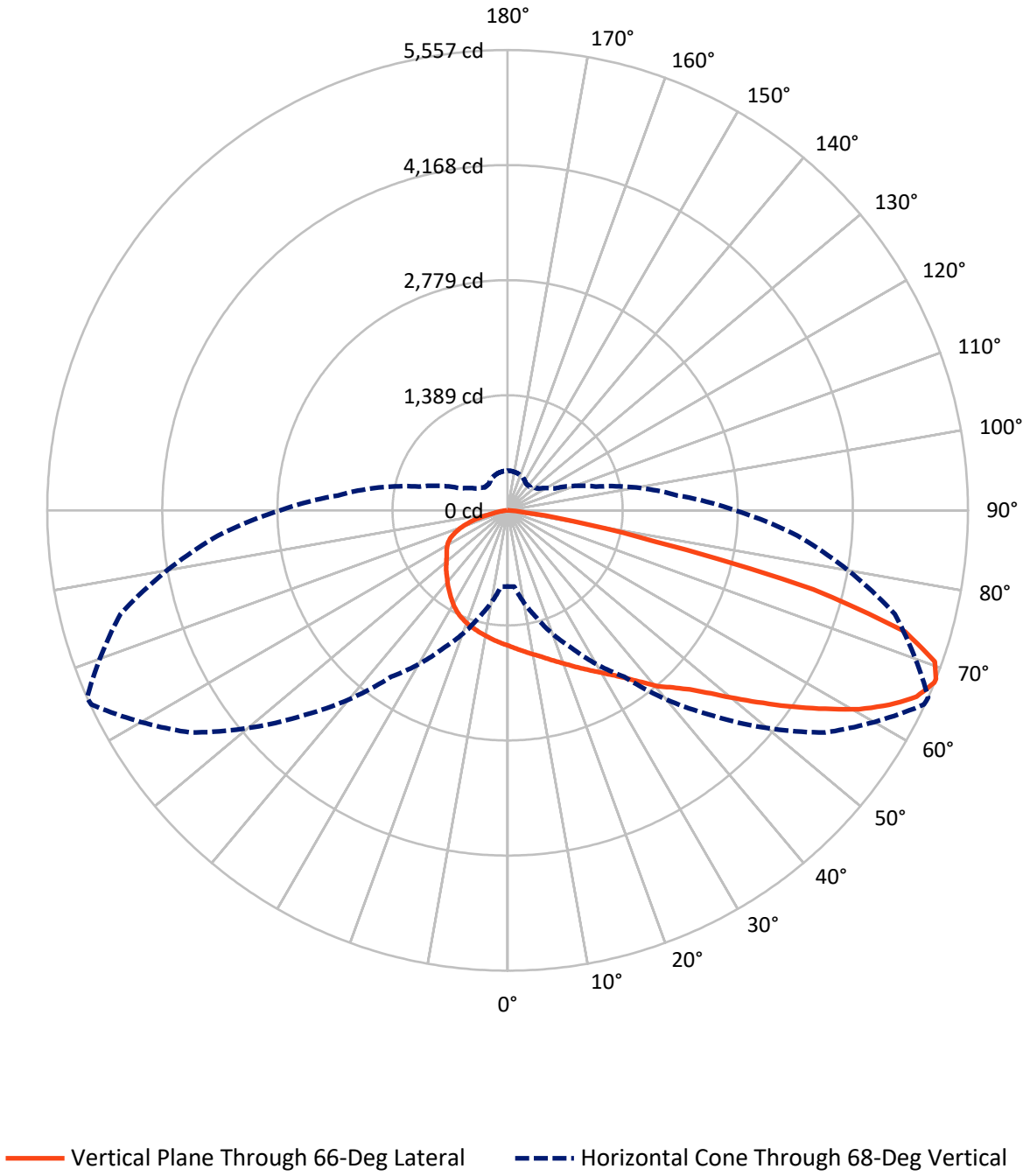
Luminous Intensity Polar Plot



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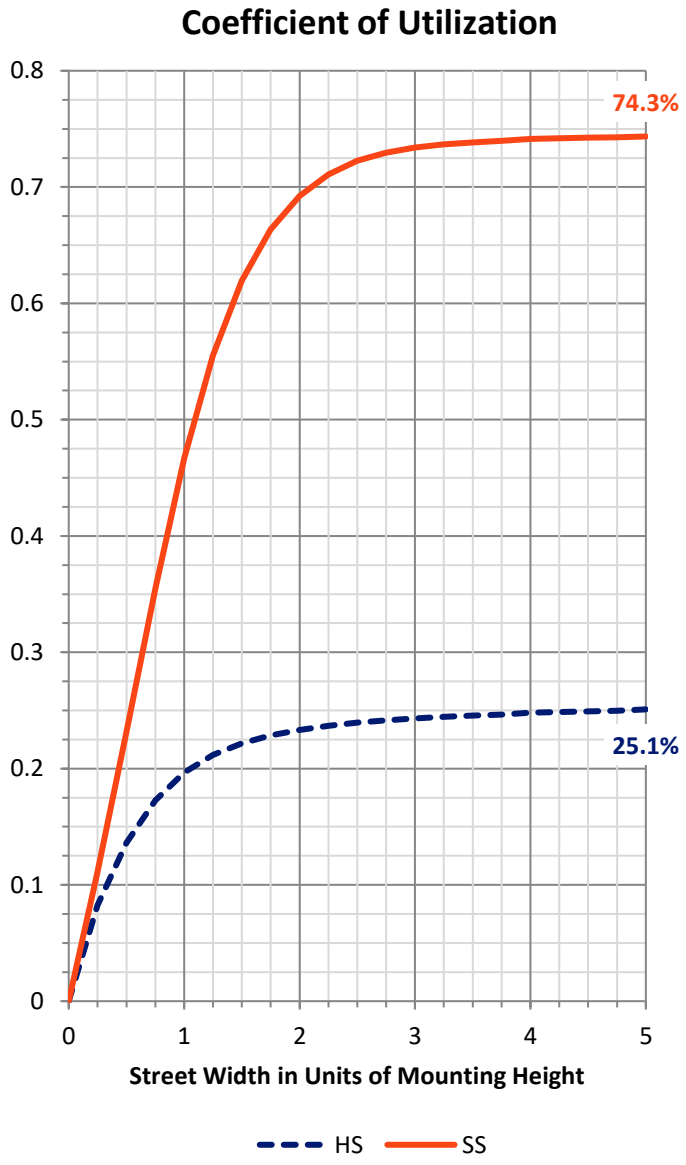
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2493.7	0.0	2493.7
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	7246.8	0.0	7246.8
	% Fixture	74.4	0.0	74.4
Total	Lumens	9740.6	0.0	9740.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	156.7	1.6
10°-20°	471.1	4.8
20°-30°	811.8	8.3
30°-40°	1259.3	12.9
40°-50°	1725.1	17.7
50°-60°	2057.9	21.1
60°-70°	2062.1	21.2
70°-80°	1091.2	11.2
80°-90°	105.3	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°	9740.6	100.0
0°-180°	9740.6	100.0



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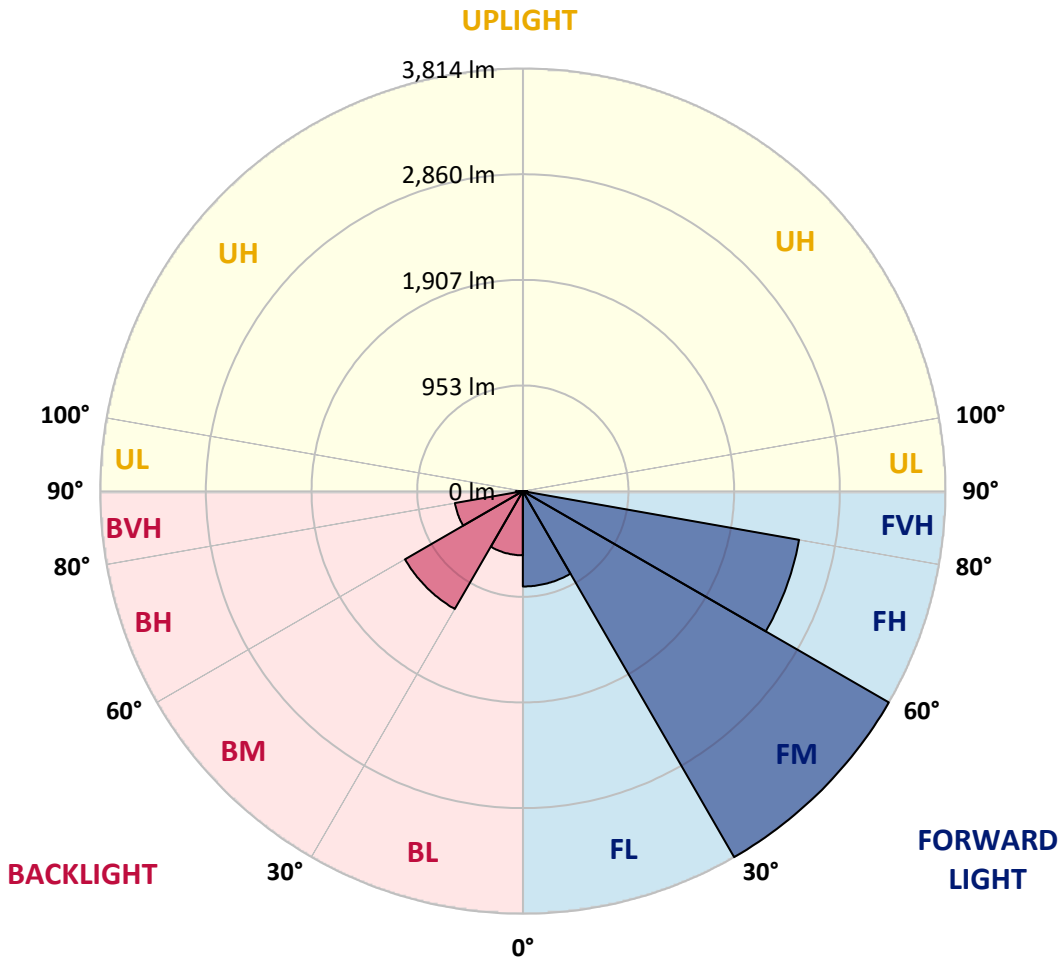
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	860.4	8.8			
FM	(30°-60°)	3813.9	39.2			
FH	(60°-80°)	2531.1	26.0			G2/5000
FVH	(80°-90°)	41.4	0.4			G1/100
BL	(0°-30°)	579.2	5.9	B2/1000		
BM	(30°-60°)	1228.4	12.6	B2/2500		
BH	(60°-80°)	622.2	6.4	B2/1000		G2/1000
BVH	(80°-90°)	63.9	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°	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7	*1633.7*	1633.7	1633.7
2.5°	1701.8	1701.8	1698.0	1696.1	1694.2	1682.9	1675.3	1665.9	*1665.9*	1650.7	1637.5
5°	1760.4	1762.3	1754.7	1754.7	1747.2	1732.0	1716.9	1698.0	*1698.0*	1675.3	1648.8
7.5°	1811.5	1817.1	1809.6	1809.6	1802.0	1785.0	1760.4	1733.9	*1733.9*	1701.8	1664.0
10°	1860.6	1864.4	1860.6	1864.4	1853.0	1837.9	1809.6	1773.6	*1771.7*	1732.0	1679.1
12.5°	1900.3	1904.1	1906.0	1911.7	1902.2	1890.9	1864.4	1819.0	*1813.3*	1766.1	1698.0
15°	1938.1	1941.9	1947.6	1955.2	1953.3	1943.8	1919.2	1868.2	*1864.4*	1803.9	1722.6
17.5°	1968.4	1970.3	1981.6	1996.8	2000.5	2002.4	1976.0	1923.0	*1919.2*	1847.4	1749.1
20°	2011.9	2015.7	2027.0	2042.1	2053.5	2061.0	2040.2	1981.6	*1977.8*	1898.4	1783.1
22.5°	2110.2	2104.5	2110.2	2110.2	2115.9	2127.2	2112.1	2053.5	*2045.9*	1958.9	1824.7
25°	2295.5	2289.8	2274.7	2240.7	2202.9	2201.0	2184.0	2127.2	*2117.8*	2021.3	1864.4
27.5°	2554.6	2541.3	2513.0	2441.1	2350.3	2291.7	2265.3	2206.6	*2195.3*	2083.7	1902.2
30°	2828.7	2843.9	2796.6	2698.3	2531.9	2407.1	2356.0	2289.8	*2280.4*	2153.7	1947.6
32.5°	3148.3	3150.2	3102.9	2966.8	2751.2	2552.7	2465.7	2384.4	*2376.8*	2235.0	2008.1
35°	3333.6	3341.2	3320.4	3193.7	2947.9	2713.4	2598.1	2499.7	*2494.1*	2337.1	2083.7
37.5°	3526.5	3543.5	3511.3	3371.4	3097.2	2862.8	2745.5	2637.8	*2632.1*	2454.3	2178.3
40°	3812.0	3804.4	3770.4	3564.3	3237.2	2987.6	2891.1	2806.0	*2792.8*	2598.1	2274.7
42.5°	4018.1	4037.0	3963.3	3730.7	3390.3	3112.4	3036.7	2940.3	*2923.3*	2685.0	2331.4
45°	4088.1	4071.0	3989.7	3819.6	3590.8	3225.8	3174.8	3101.0	*3084.0*	2838.2	2443.0
47.5°	4103.2	4072.9	4001.1	3872.5	3760.9	3373.3	3343.1	3326.0	*3301.5*	3031.1	2577.3
50°	4010.5	3989.7	3955.7	3891.4	3870.6	3511.3	3526.5	3588.9	*3568.1*	3239.1	2726.6
52.5°	3800.6	3791.2	3821.4	3863.0	3808.2	3630.5	3743.9	3870.6	*3863.0*	3467.9	2887.4
55°	3405.5	3405.5	3575.6	3721.2	3753.4	3708.0	3978.4	4195.8	*4186.4*	3725.0	3040.5
57.5°	3044.3	3050.0	3191.8	3518.9	3655.0	3791.2	4239.3	4536.2	*4521.1*	4014.3	3201.2
60°	2588.6	2588.6	2804.2	3214.5	3513.2	3855.5	4470.0	4865.2	*4874.7*	4294.2	3360.1
62.5°	2049.7	2055.4	2354.1	2836.3	3309.0	3866.8	4653.4	5175.3	*5173.4*	4547.5	3483.0
65°	1510.8	1512.7	1919.2	2416.5	3002.7	3787.4	4753.6	5413.6	*5424.9*	4748.0	3554.8
67.5°	981.4	1000.3	1412.5	1960.8	2569.7	3562.4	4700.7	5540.2	*5553.5*	4840.6	3532.1
68°	*919.0*	*922.7*	*1336.8*	*1836.0*	*2452.5*	*3505.7*	*4676.1*	*5545.9*	*5557.3*	*4838.7*	*3509.4*
70°	595.6	595.6	956.8	1433.3	1957.0	3152.1	4462.4	5457.0	*5470.3*	4755.5	3344.9
72.5°	321.4	327.1	546.5	867.9	1336.8	2439.2	4027.5	4993.8	*5016.5*	4299.8	2925.2
75°	225.0	228.8	317.7	486.0	728.0	1588.3	3148.3	3815.8	*3812.0*	2970.6	1832.3
77.5°	162.6	162.6	181.5	302.5	382.0	726.1	1558.1	1837.9	*1817.1*	1450.3	924.6
80°	105.9	105.9	113.5	158.8	183.4	221.2	476.5	796.1	*811.2*	707.2	461.4
82.5°	43.5	45.4	49.2	64.3	66.2	92.7	136.1	228.8	*221.2*	179.6	130.5
85°	5.7	5.7	7.6	9.5	11.3	20.8	18.9	18.9	*18.9*	22.7	20.8
87.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.8	5.7	*5.7*	7.6	5.7
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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Scaled Data Report

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CATALOG NUMBER: GKO-PB2D-730-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7	1633.7
2.5°	1633.7	1633.7	1622.4	1611.0	1599.7	1590.2	1577.0	1567.5	1569.4	1575.1	1573.2
5°	1643.2	1633.7	1611.0	1586.4	1567.5	1550.5	1525.9	1512.7	1510.8	1514.6	1512.7
7.5°	1648.8	1633.7	1599.7	1561.9	1531.6	1508.9	1474.9	1461.6	1456.0	1457.9	1457.9
10°	1660.2	1635.6	1588.3	1535.4	1497.6	1465.4	1429.5	1410.6	1404.9	1404.9	1403.0
12.5°	1673.4	1639.4	1577.0	1512.7	1463.5	1425.7	1384.1	1363.3	1357.6	1357.6	1355.8
15°	1686.7	1645.1	1565.6	1488.1	1431.4	1386.0	1346.3	1321.7	1314.2	1314.2	1317.9
17.5°	1703.7	1650.7	1554.3	1465.4	1397.4	1346.3	1304.7	1280.1	1270.7	1276.3	1280.1
20°	1720.7	1662.1	1542.9	1440.8	1363.3	1310.4	1268.8	1244.2	1234.7	1244.2	1246.1
22.5°	1745.3	1671.5	1529.7	1412.5	1329.3	1270.7	1232.8	1210.2	1204.5	1213.9	1221.5
25°	1769.9	1682.9	1512.7	1382.2	1285.8	1229.1	1198.8	1181.8	1183.7	1196.9	1204.5
27.5°	1796.3	1692.3	1495.7	1344.4	1238.5	1185.6	1162.9	1159.1	1166.7	1181.8	1191.2
30°	1828.5	1705.6	1473.0	1300.9	1185.6	1138.3	1128.8	1140.2	1153.4	1168.6	1178.0
32.5°	1870.1	1722.6	1450.3	1251.8	1130.7	1087.2	1102.4	1127.0	1142.1	1157.2	1166.7
35°	1928.7	1756.6	1437.1	1202.6	1072.1	1043.8	1077.8	1117.5	1128.8	1138.3	1149.6
37.5°	1996.8	1802.0	1431.4	1157.2	1019.2	1005.9	1053.2	1100.5	1104.3	1108.0	1119.4
40°	2062.9	1836.0	1416.3	1108.0	964.3	964.3	1023.0	1068.3	1066.4	1060.8	1068.3
42.5°	2089.4	1832.3	1372.8	1060.8	920.9	922.7	975.7	1019.2	1007.8	1007.8	1019.2
45°	2165.0	1862.5	1340.6	1023.0	881.1	873.6	915.2	949.2	968.1	992.7	1004.1
47.5°	2261.5	1904.1	1316.0	979.5	843.3	818.7	841.4	898.2	930.3	956.8	966.2
50°	2361.7	1951.4	1293.4	934.1	805.5	756.3	767.7	830.1	858.5	871.7	877.4
52.5°	2463.8	1994.9	1276.3	896.3	762.0	682.6	707.2	765.8	786.6	794.2	797.9
55°	2554.6	2030.8	1261.2	864.1	712.9	624.0	642.9	703.4	718.5	726.1	731.8
57.5°	2651.0	2070.5	1251.8	833.9	658.0	572.9	586.2	641.0	661.8	669.4	675.0
60°	2736.1	2108.3	1244.2	801.7	607.0	527.6	535.1	588.1	610.8	614.5	620.2
62.5°	2792.8	2132.9	1232.8	762.0	559.7	484.1	486.0	537.0	561.6	565.4	569.2
65°	2807.9	2127.2	1198.8	709.1	512.4	440.6	440.6	489.7	516.2	529.4	535.1
67.5°	2762.6	2080.0	1127.0	641.0	467.0	400.9	400.9	444.4	472.7	487.8	493.5
68°	*2747.4*	*2059.2*	*1104.3*	*624.0*	*455.7*	*391.4*	*391.4*	*436.8*	*463.3*	*476.5*	*480.3*
70°	2618.9	1957.0	1000.3	559.7	419.8	363.0	363.0	402.8	431.1	431.1	429.2
72.5°	2274.7	1696.1	822.5	468.9	366.8	321.4	327.1	364.9	374.4	383.8	382.0
75°	1408.7	1015.4	552.1	370.6	308.2	281.7	293.1	327.1	332.8	353.6	347.9
77.5°	705.3	497.3	293.1	215.6	238.2	242.0	262.8	287.4	304.4	327.1	312.0
80°	347.9	242.0	172.1	134.3	139.9	177.7	228.8	247.7	278.0	293.1	279.8
82.5°	96.4	73.7	70.0	73.7	104.0	138.0	179.6	219.3	259.0	272.3	253.4
85°	17.0	13.2	11.3	35.9	71.9	102.1	145.6	194.8	232.6	223.1	209.9
87.5°	5.7	3.8	3.8	22.7	52.9	83.2	124.8	174.0	198.5	179.6	160.7
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

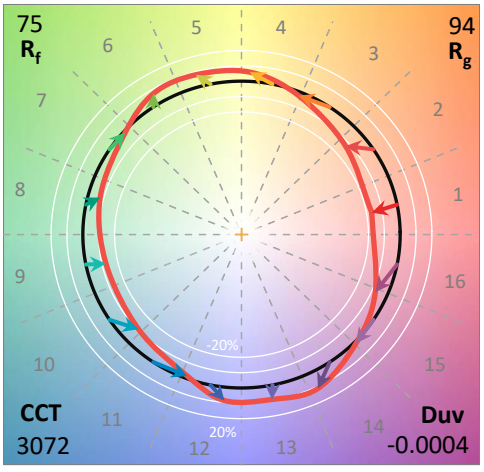
Test Information

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

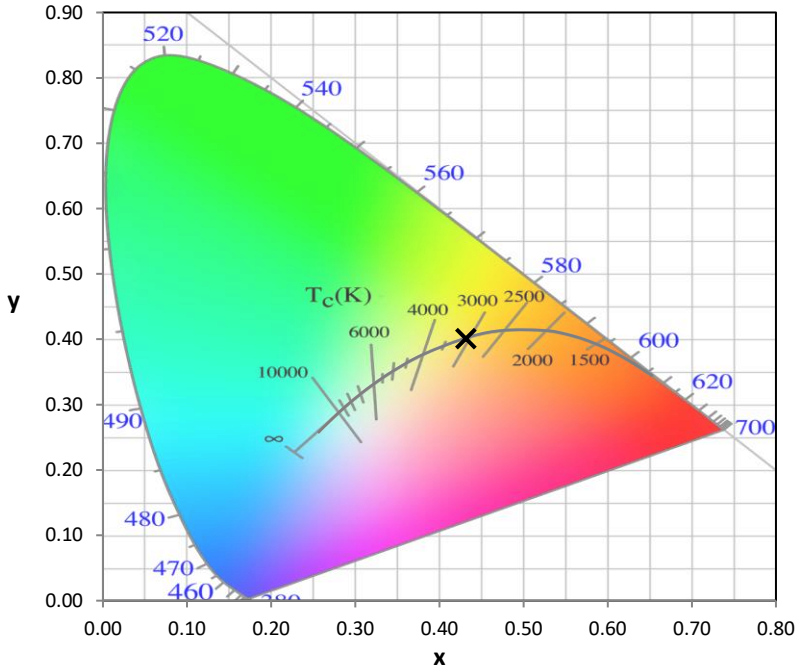
Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.7

REPORT NUMBER: SP2-2501-321-4

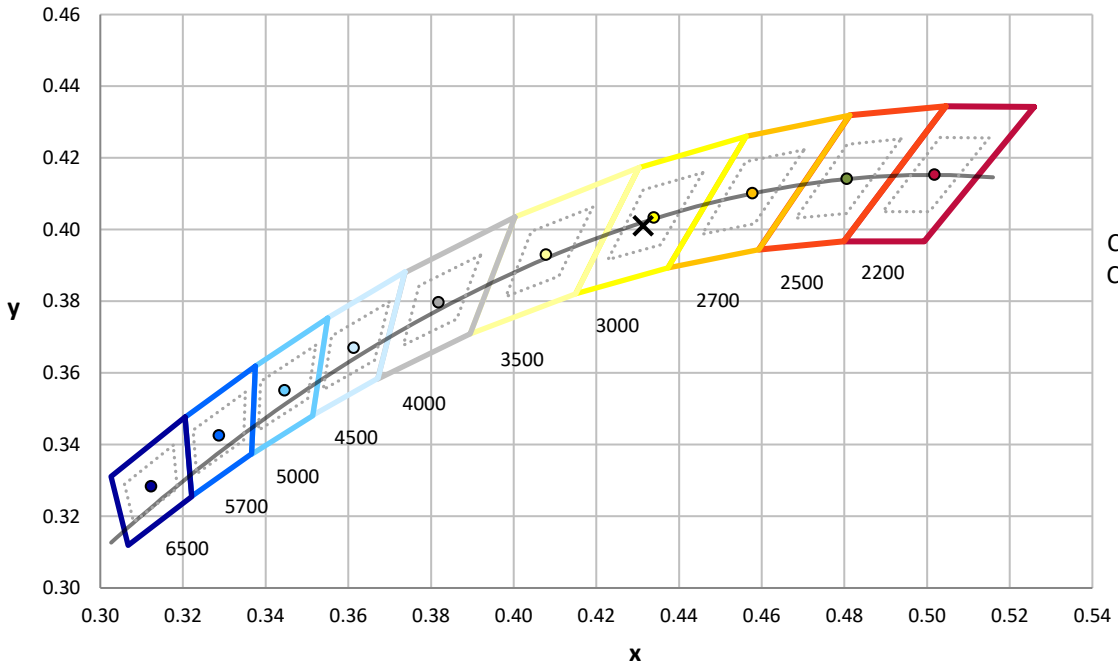
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

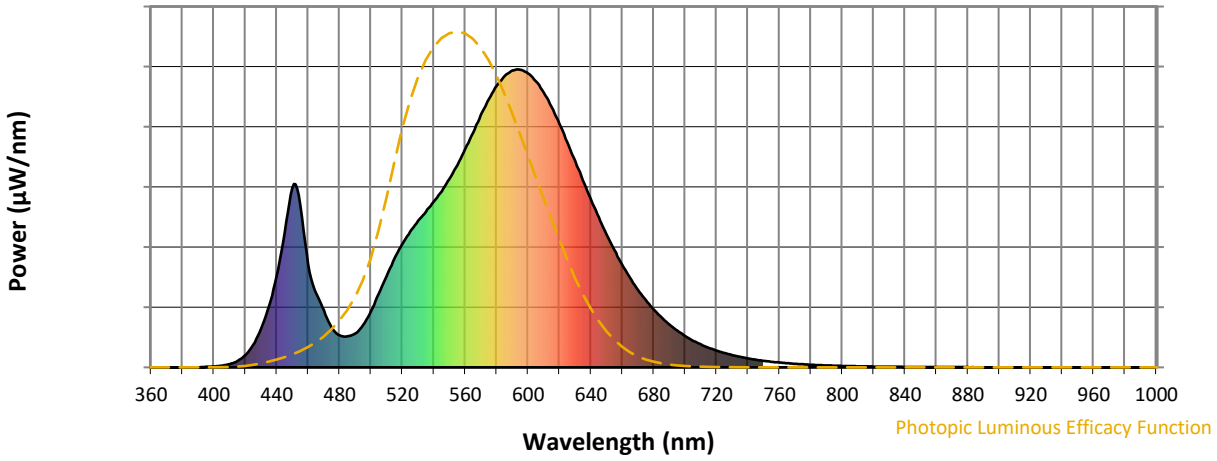


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

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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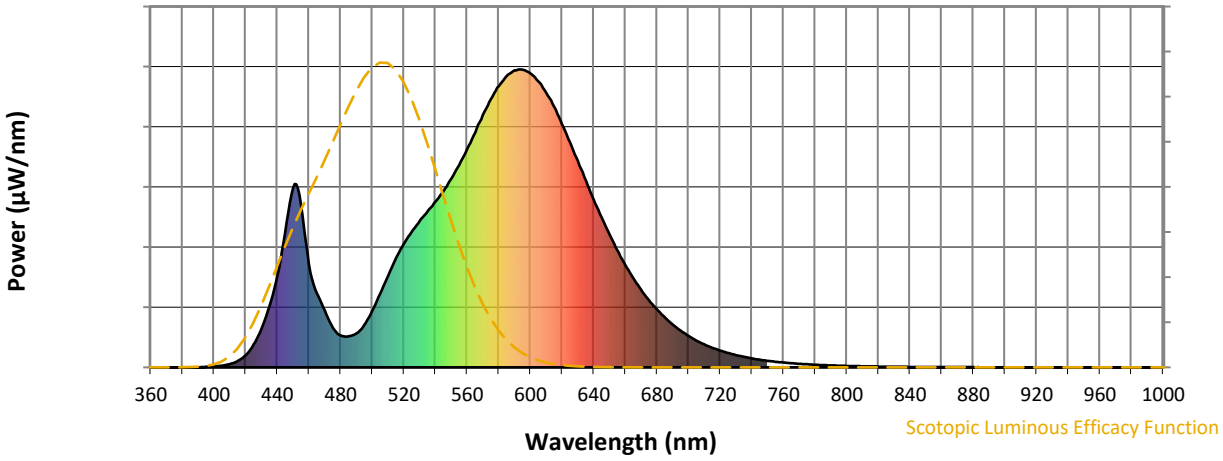
Scotopic Flux vs. Wavelength



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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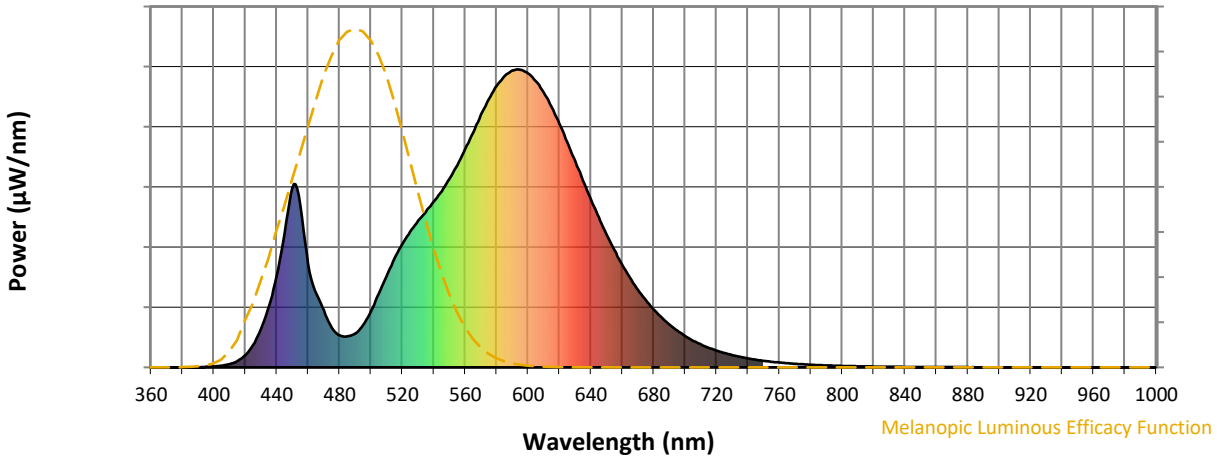
Melanopic Flux vs. Wavelength



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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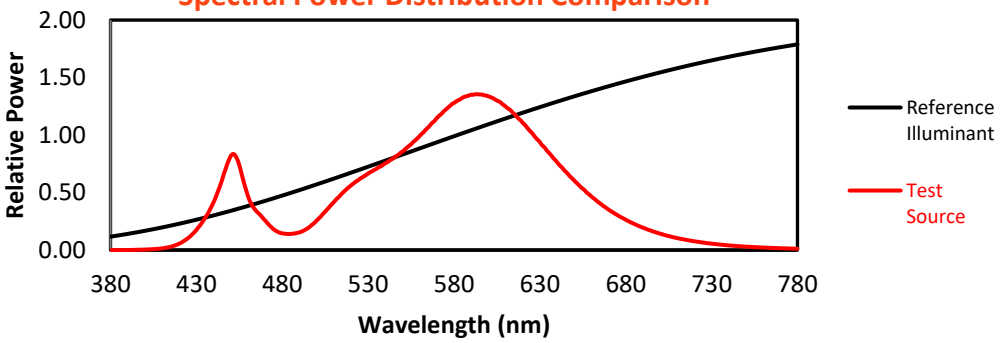
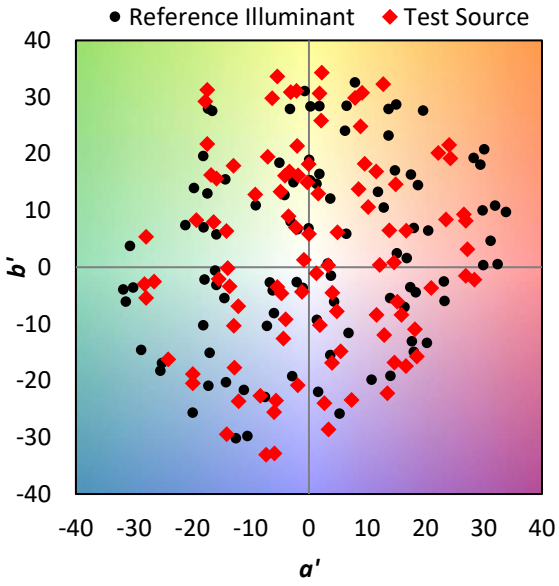
Summary

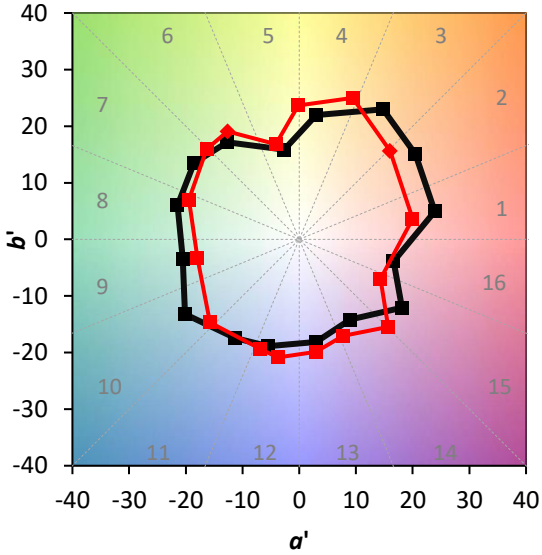
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

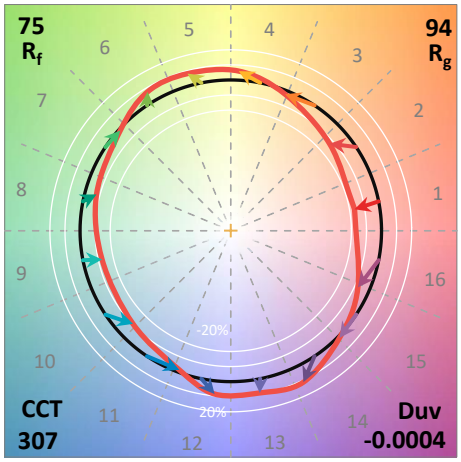
Spectral Power Distribution Comparison

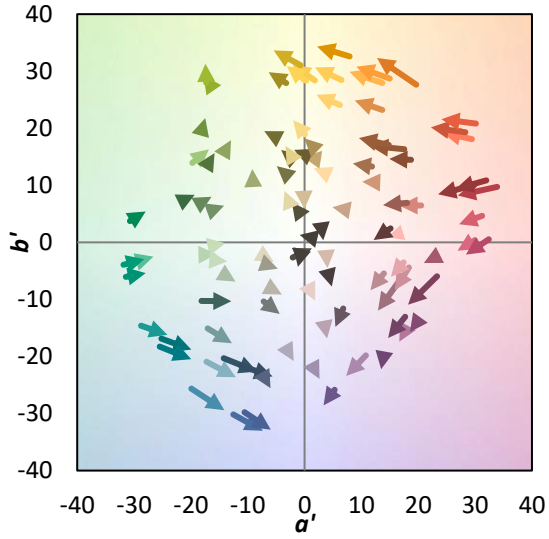


Color Vector Graphics









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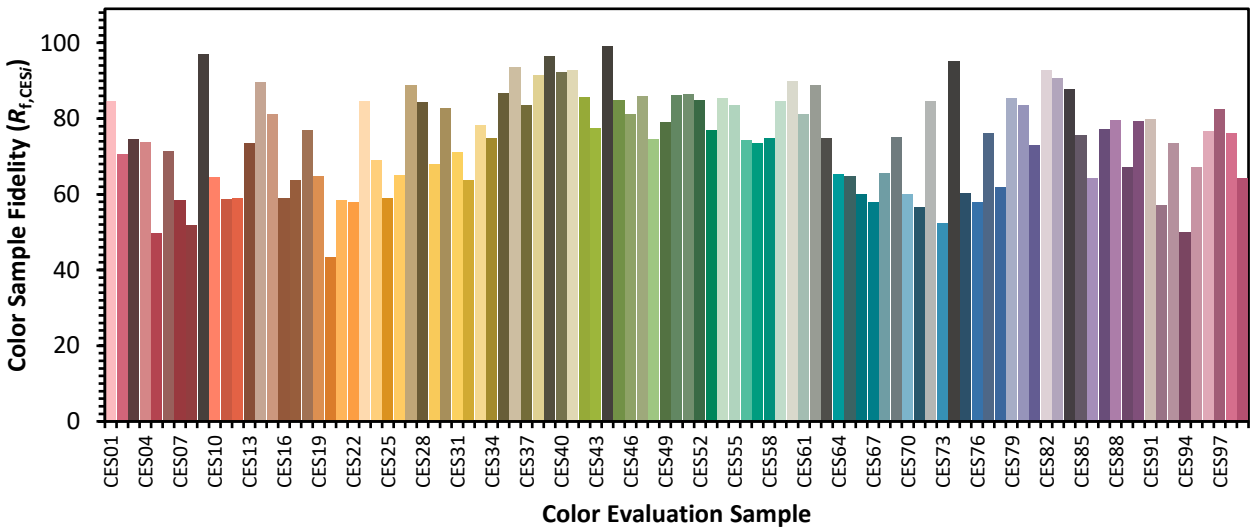
Individual Sample Fidelity Index ($R_{f,i}$)

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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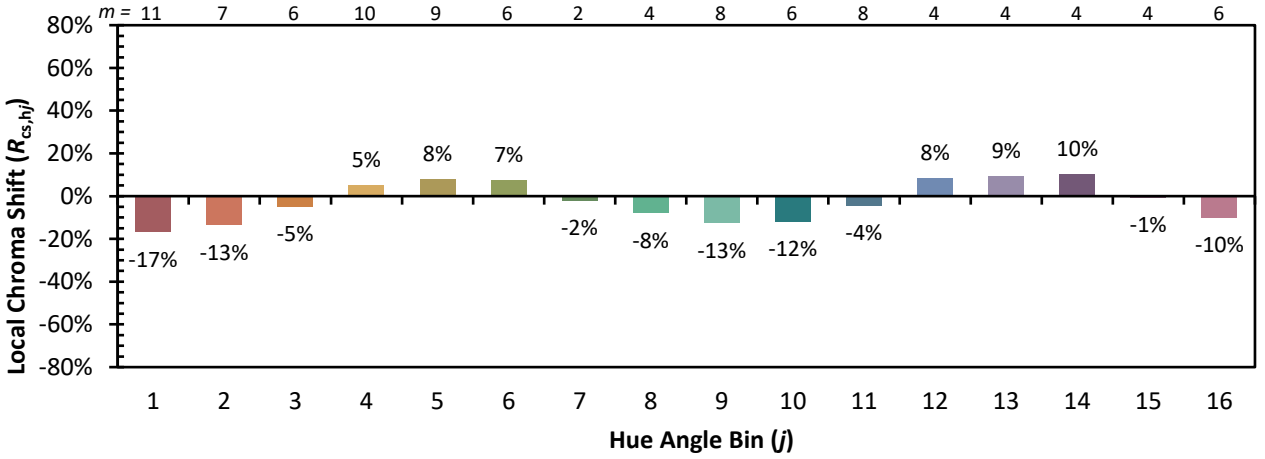
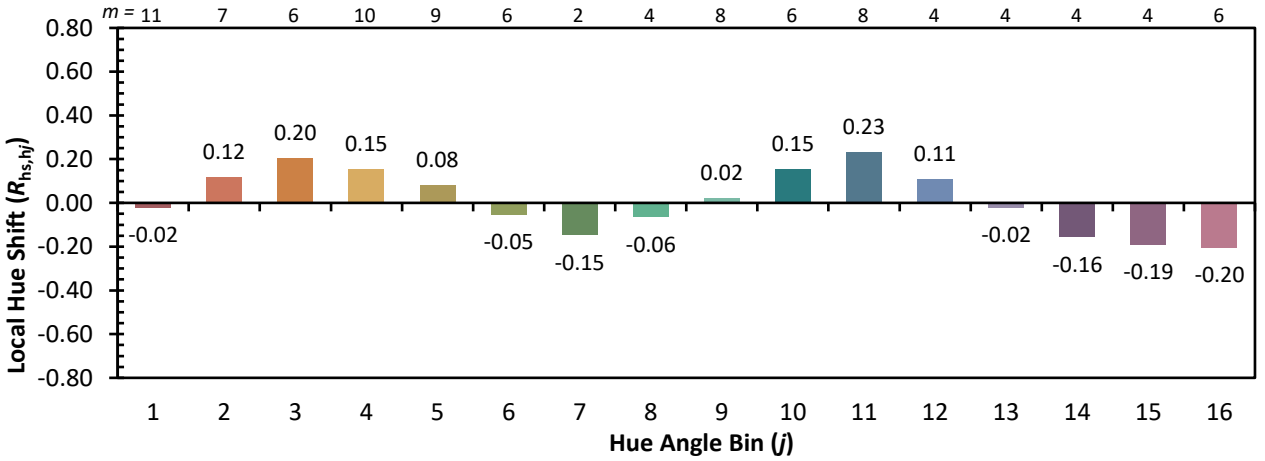
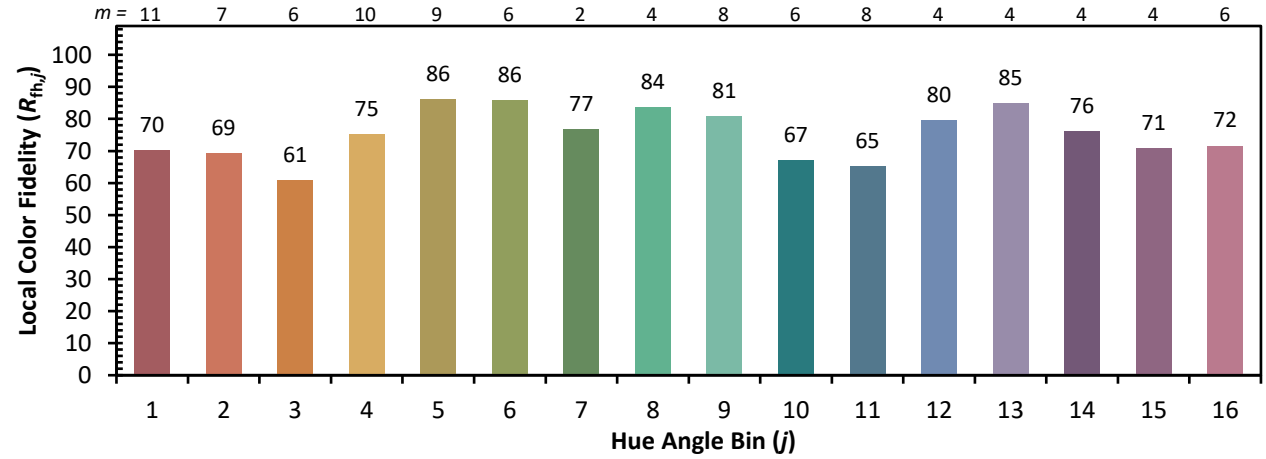
Color Rendition by Hue-Angle Bin







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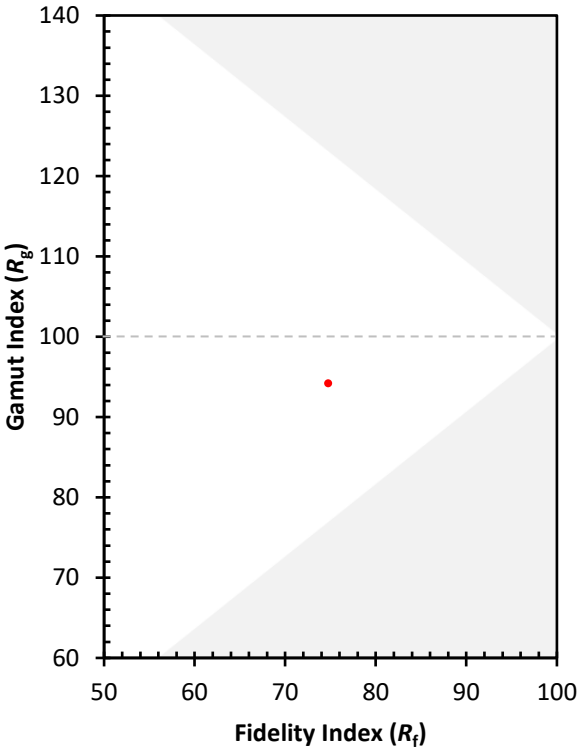
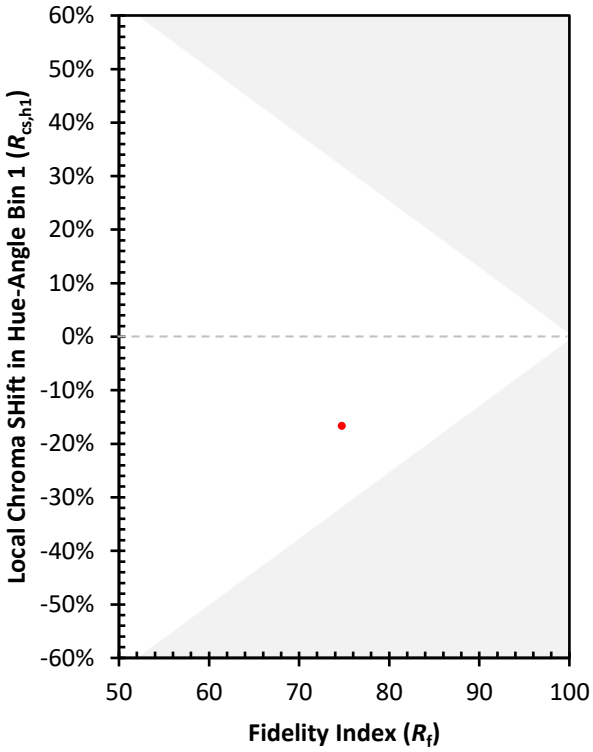
Measure Comparisons





(END OF REPORT)