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: P1211862

Luminaire Tested: **GKO-PB1E-840-U-T3**

Issue Date: 11/5/2025

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:	P1211862
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1E-840-U-T3
Description:	GEKKO WALL PACK 5000LM PACKAGE 80CRI 4000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(10) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4759.8 lumens
Efficiency:	N/A
Efficacy:	123.0 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	38.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1211862
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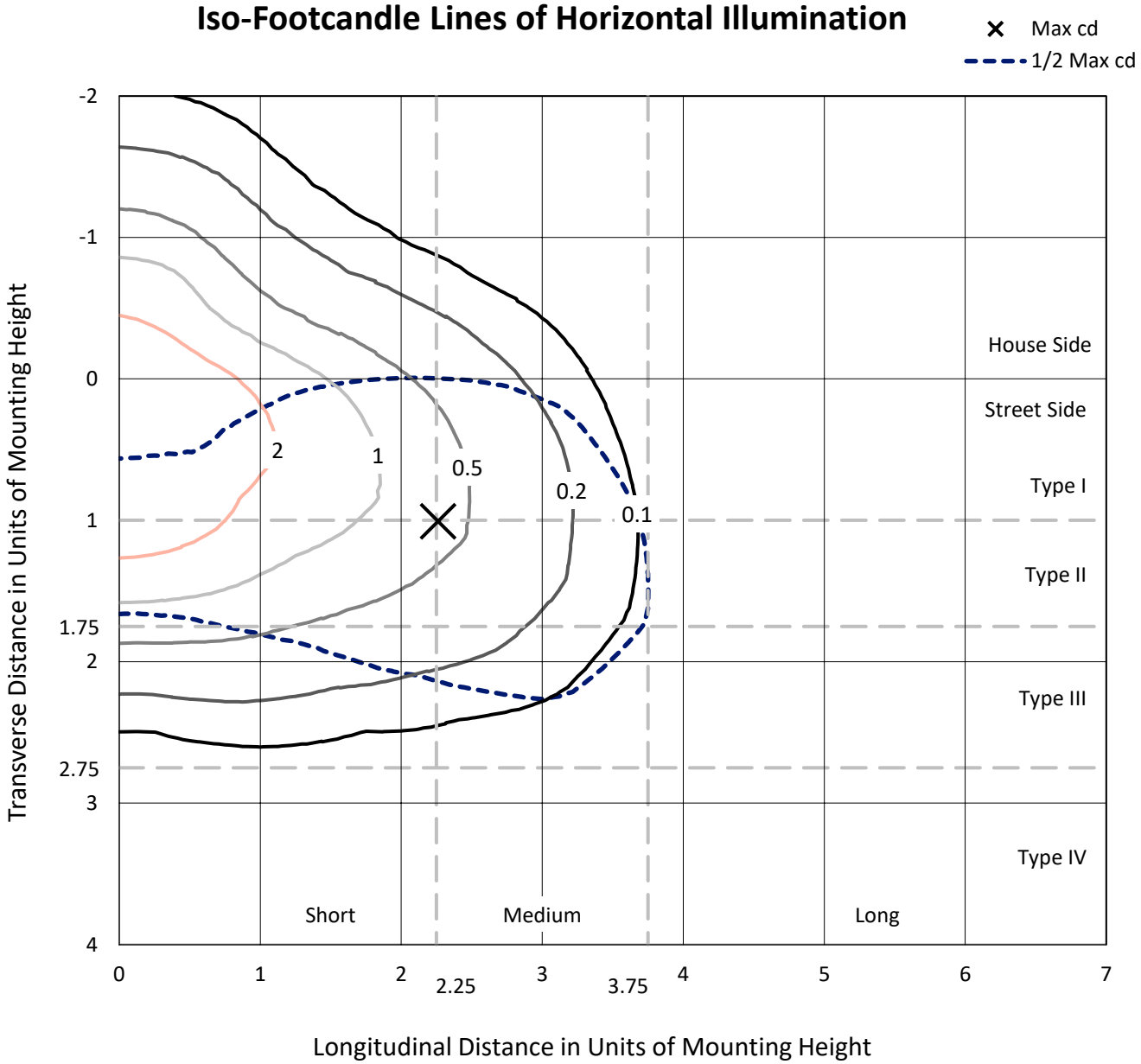
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
Type III - Medium - N/A

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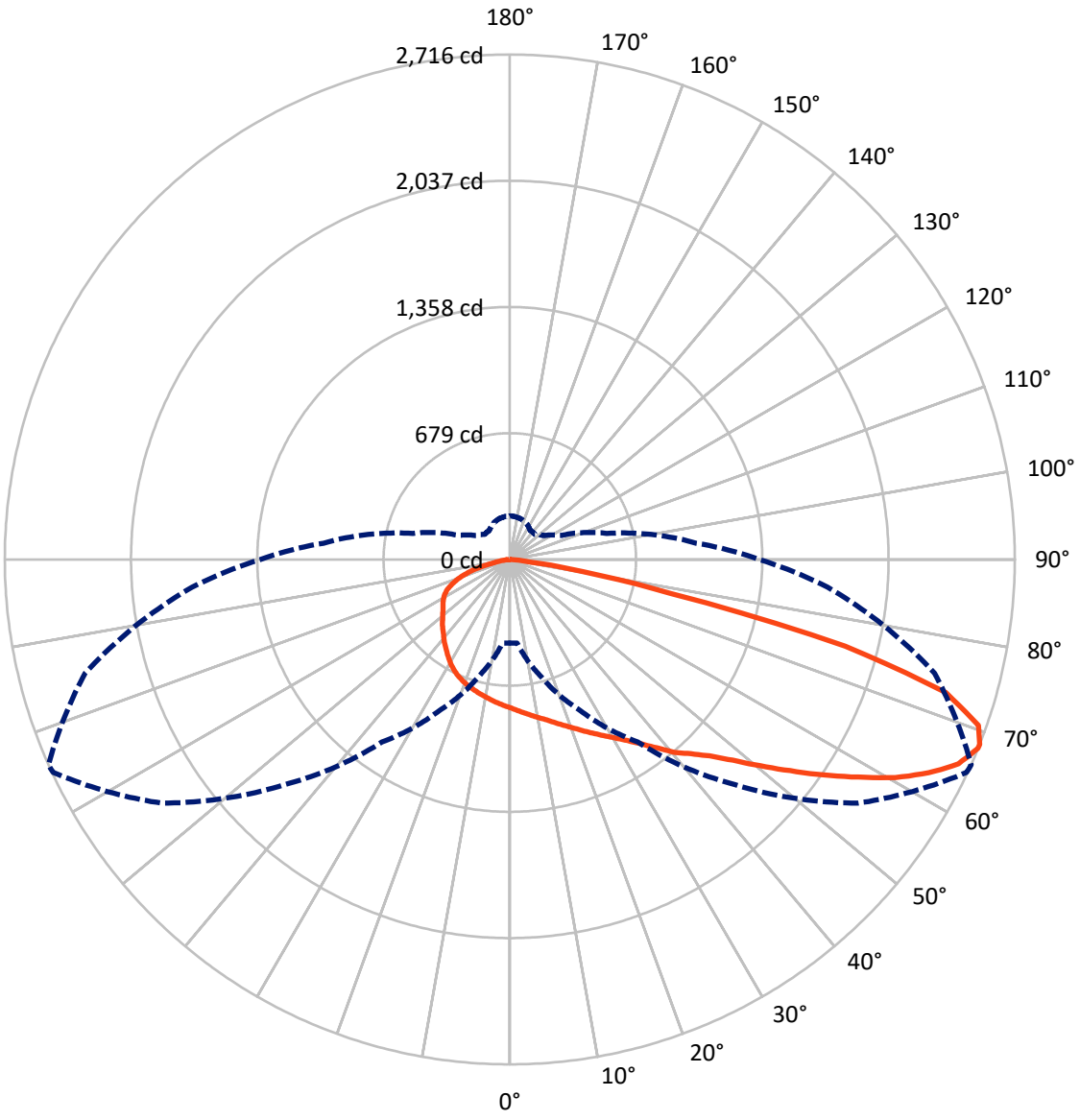
Luminous Intensity Polar Plot



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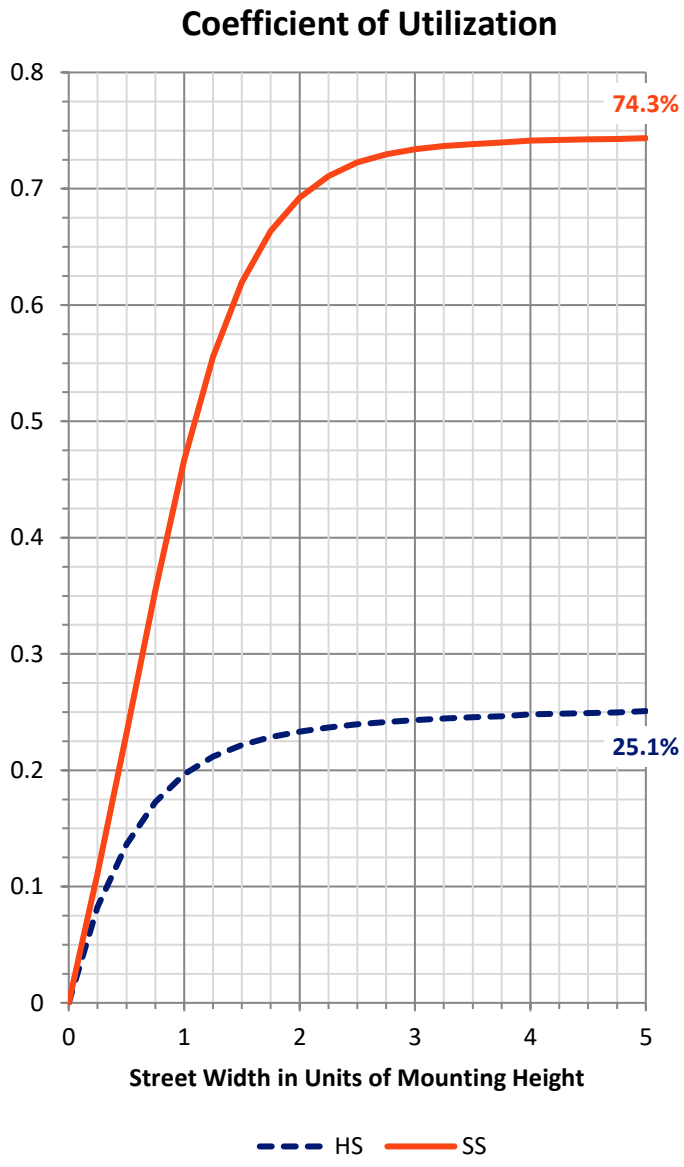
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1218.6	0.0	1218.6
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3541.2	0.0	3541.2
	% Fixture	74.4	0.0	74.4
Total	Lumens	4759.8	0.0	4759.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.6	1.6
10°-20°	230.2	4.8
20°-30°	396.7	8.3
30°-40°	615.3	12.9
40°-50°	843.0	17.7
50°-60°	1005.6	21.1
60°-70°	1007.7	21.2
70°-80°	533.2	11.2
80°-90°	51.5	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°	4759.8	100.0
0°-180°	4759.8	100.0



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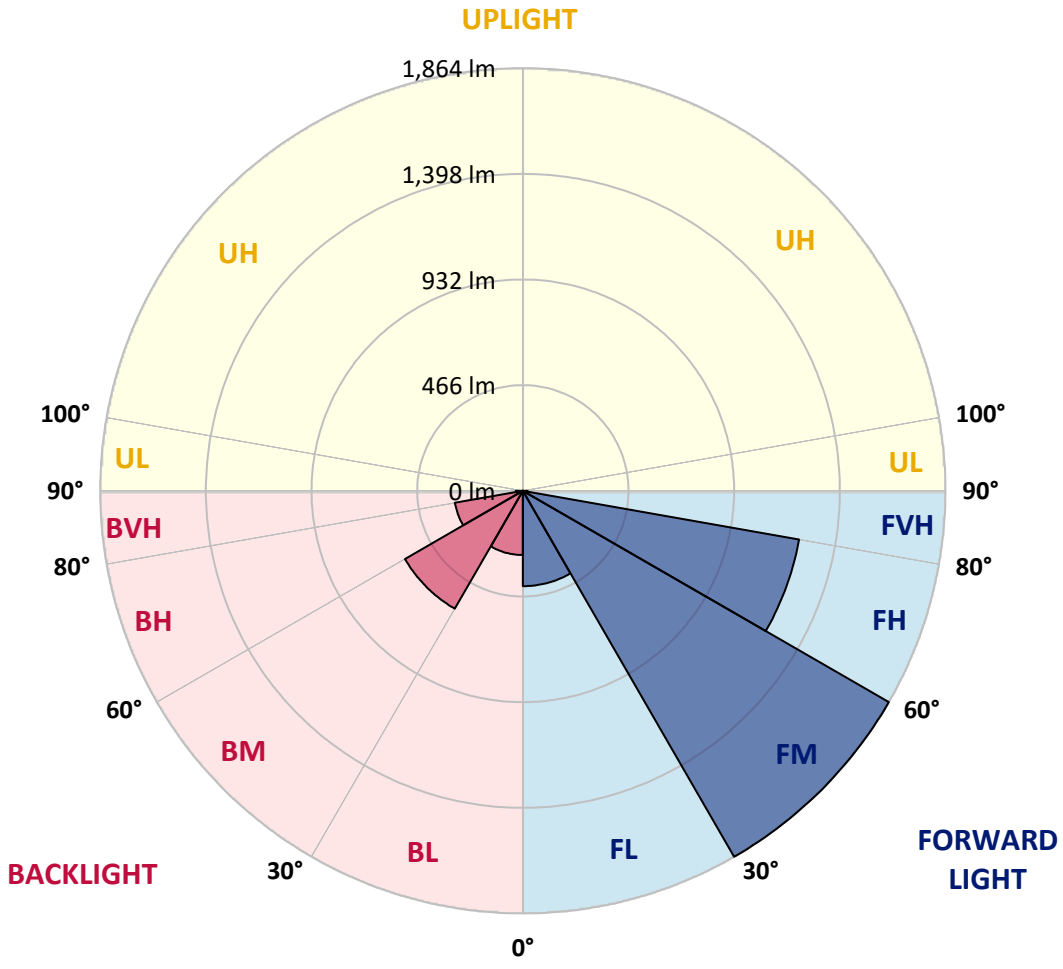
CATALOG NUMBER: GKO-PB1E-840-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	420.4	8.8			
FM	(30°-60°)	1863.7	39.2			
FH	(60°-80°)	1236.9	26.0			G1/1800
FVH	(80°-90°)	20.2	0.4			G1/100
BL	(0°-30°)	283.0	5.9	B1/500		
BM	(30°-60°)	600.3	12.6	B1/1000		
BH	(60°-80°)	304.0	6.4	B1/500		G1/500
BVH	(80°-90°)	31.2	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Medium



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Scaled Data Report

REPORT NUMBER: P1211862
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	798.3	798.3	798.3	798.3	798.3	798.3	798.3	798.3	*798.3*	798.3	798.3
2.5°	831.6	831.6	829.7	828.8	827.9	822.3	818.6	814.0	*814.0*	806.6	800.2
5°	860.2	861.1	857.5	857.5	853.8	846.4	839.0	829.7	*829.7*	818.6	805.7
7.5°	885.2	887.9	884.2	884.2	880.6	872.2	860.2	847.3	*847.3*	831.6	813.1
10°	909.2	911.0	909.2	911.0	905.5	898.1	884.2	866.7	*865.8*	846.4	820.5
12.5°	928.6	930.4	931.4	934.1	929.5	924.0	911.0	888.9	*886.1*	863.0	829.7
15°	947.1	948.9	951.7	955.4	954.5	949.8	937.8	912.9	*911.0*	881.5	841.7
17.5°	961.9	962.8	968.3	975.7	977.6	978.5	965.6	939.7	*937.8*	902.7	854.7
20°	983.1	985.0	990.5	997.9	1003.4	1007.1	997.0	968.3	*966.5*	927.7	871.3
22.5°	1031.2	1028.4	1031.2	1031.2	1033.9	1039.5	1032.1	1003.4	*999.7*	957.2	891.6
25°	1121.7	1118.9	1111.5	1094.9	1076.4	1075.5	1067.2	1039.5	*1034.9*	987.7	911.0
27.5°	1248.3	1241.8	1228.0	1192.9	1148.5	1119.9	1106.9	1078.3	*1072.7*	1018.2	929.5
30°	1382.3	1389.7	1366.6	1318.5	1237.2	1176.2	1151.3	1118.9	*1114.3*	1052.4	951.7
32.5°	1538.4	1539.3	1516.2	1449.7	1344.4	1247.4	1204.9	1165.1	*1161.4*	1092.1	981.3
35°	1629.0	1632.7	1622.5	1560.6	1440.5	1325.9	1269.5	1221.5	*1218.7*	1142.0	1018.2
37.5°	1723.2	1731.5	1715.8	1647.5	1513.5	1398.9	1341.6	1288.9	*1286.2*	1199.3	1064.4
40°	1862.7	1859.0	1842.4	1741.7	1581.8	1459.9	1412.8	1371.2	*1364.7*	1269.5	1111.5
42.5°	1963.5	1972.7	1936.7	1823.0	1656.7	1520.9	1483.9	1436.8	*1428.5*	1312.0	1139.3
45°	1997.6	1989.3	1949.6	1866.4	1754.6	1576.3	1551.4	1515.3	*1507.0*	1386.9	1193.8
47.5°	2005.0	1990.2	1955.1	1892.3	1837.8	1648.4	1633.6	1625.3	*1613.3*	1481.1	1259.4
50°	1959.8	1949.6	1933.0	1901.5	1891.4	1715.8	1723.2	1753.7	*1743.5*	1582.8	1332.4
52.5°	1857.2	1852.6	1867.4	1887.7	1860.9	1774.0	1829.5	1891.4	*1887.7*	1694.6	1410.9
55°	1664.1	1664.1	1747.2	1818.4	1834.1	1811.9	1944.0	2050.3	*2045.7*	1820.2	1485.8
57.5°	1487.6	1490.4	1559.7	1719.5	1786.0	1852.6	2071.6	2216.6	*2209.2*	1961.6	1564.3
60°	1264.9	1264.9	1370.3	1570.8	1716.8	1884.0	2184.3	2377.4	*2382.0*	2098.4	1641.9
62.5°	1001.6	1004.4	1150.4	1386.0	1617.0	1889.5	2273.9	2528.9	*2528.0*	2222.2	1702.0
65°	738.3	739.2	937.8	1180.8	1467.3	1850.7	2322.9	2645.3	*2650.9*	2320.1	1737.1
67.5°	479.5	488.8	690.2	958.2	1255.7	1740.8	2297.0	2707.3	*2713.7*	2365.4	1726.0
68°	*449.1*	*450.9*	*653.3*	*897.2*	*1198.4*	*1713.1*	*2285.0*	*2710.0*	*2715.6*	*2364.5*	*1714.9*
70°	291.1	291.1	467.5	700.4	956.3	1540.3	2180.6	2666.6	*2673.1*	2323.8	1634.5
72.5°	157.1	159.8	267.0	424.1	653.3	1191.9	1968.1	2440.2	*2451.3*	2101.1	1429.4
75°	110.0	111.8	155.2	237.5	355.7	776.1	1538.4	1864.6	*1862.7*	1451.6	895.3
77.5°	79.5	79.5	88.7	147.8	186.6	354.8	761.4	898.1	*887.9*	708.7	451.8
80°	51.7	51.7	55.4	77.6	89.6	108.1	232.8	389.0	*396.4*	345.6	225.5
82.5°	21.3	22.2	24.0	31.4	32.3	45.3	66.5	111.8	*108.1*	87.8	63.8
85°	2.8	2.8	3.7	4.6	5.5	10.2	9.2	9.2	*9.2*	11.1	10.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.8	*2.8*	3.7	2.8
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-PB1E-840-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	798.3	798.3	798.3	798.3	798.3	798.3	798.3	798.3	798.3	798.3	798.3
2.5°	798.3	798.3	792.8	787.2	781.7	777.1	770.6	766.0	766.9	769.7	768.7
5°	802.9	798.3	787.2	775.2	766.0	757.7	745.7	739.2	738.3	740.1	739.2
7.5°	805.7	798.3	781.7	763.2	748.4	737.3	720.7	714.2	711.5	712.4	712.4
10°	811.3	799.2	776.1	750.3	731.8	716.1	698.5	689.3	686.5	686.5	685.6
12.5°	817.7	801.1	770.6	739.2	715.2	696.7	676.4	666.2	663.4	663.4	662.5
15°	824.2	803.9	765.1	727.2	699.5	677.3	657.9	645.9	642.2	642.2	644.0
17.5°	832.5	806.6	759.5	716.1	682.8	657.9	637.5	625.5	620.9	623.7	625.5
20°	840.8	812.2	754.0	704.1	666.2	640.3	620.0	608.0	603.4	608.0	608.9
22.5°	852.8	816.8	747.5	690.2	649.6	620.9	602.4	591.3	588.6	593.2	596.9
25°	864.8	822.3	739.2	675.4	628.3	600.6	585.8	577.5	578.4	584.9	588.6
27.5°	877.8	827.0	730.9	656.9	605.2	579.3	568.2	566.4	570.1	577.5	582.1
30°	893.5	833.4	719.8	635.7	579.3	556.2	551.6	557.2	563.6	571.0	575.6
32.5°	913.8	841.7	708.7	611.7	552.5	531.3	538.7	550.7	558.1	565.5	570.1
35°	942.5	858.4	702.2	587.6	523.9	510.0	526.7	546.1	551.6	556.2	561.8
37.5°	975.7	880.6	699.5	565.5	498.0	491.6	514.7	537.8	539.6	541.5	547.0
40°	1008.1	897.2	692.1	541.5	471.2	471.2	499.9	522.0	521.1	518.4	522.0
42.5°	1021.0	895.3	670.8	518.4	450.0	450.9	476.8	498.0	492.5	492.5	498.0
45°	1058.0	910.1	655.1	499.9	430.6	426.9	447.2	463.8	473.1	485.1	490.6
47.5°	1105.1	930.4	643.1	478.6	412.1	400.1	411.2	438.9	454.6	467.5	472.2
50°	1154.0	953.5	632.0	456.4	393.6	369.6	375.1	405.6	419.5	426.0	428.7
52.5°	1203.9	974.8	623.7	438.0	372.4	333.6	345.6	374.2	384.4	388.1	389.9
55°	1248.3	992.4	616.3	422.3	348.3	304.9	314.2	343.7	351.1	354.8	357.6
57.5°	1295.4	1011.8	611.7	407.5	321.5	280.0	286.4	313.2	323.4	327.1	329.9
60°	1337.0	1030.2	608.0	391.8	296.6	257.8	261.5	287.4	298.4	300.3	303.1
62.5°	1364.7	1042.2	602.4	372.4	273.5	236.5	237.5	262.4	274.4	276.3	278.1
65°	1372.1	1039.5	585.8	346.5	250.4	215.3	215.3	239.3	252.2	258.7	261.5
67.5°	1349.9	1016.4	550.7	313.2	228.2	195.9	195.9	217.1	231.0	238.4	241.2
68°	*1342.5*	*1006.2*	*539.6*	*304.9*	*222.7*	*191.3*	*191.3*	*213.4*	*226.4*	*232.8*	*234.7*
70°	1279.7	956.3	488.8	273.5	205.1	177.4	177.4	196.8	210.7	210.7	209.7
72.5°	1111.5	828.8	401.9	229.1	179.3	157.1	159.8	178.3	182.9	187.6	186.6
75°	688.4	496.2	269.8	181.1	150.6	137.7	143.2	159.8	162.6	172.8	170.0
77.5°	344.6	243.0	143.2	105.3	116.4	118.3	128.4	140.4	148.8	159.8	152.5
80°	170.0	118.3	84.1	65.6	68.4	86.9	111.8	121.0	135.8	143.2	136.7
82.5°	47.1	36.0	34.2	36.0	50.8	67.5	87.8	107.2	126.6	133.1	123.8
85°	8.3	6.5	5.5	17.6	35.1	49.9	71.1	95.2	113.6	109.0	102.6
87.5°	2.8	1.8	1.8	11.1	25.9	40.7	61.0	85.0	97.0	87.8	78.5
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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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP3-2511-595-3

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-840-U-T4W

Data in this report applies to families of products including GKO-PB1C-840*

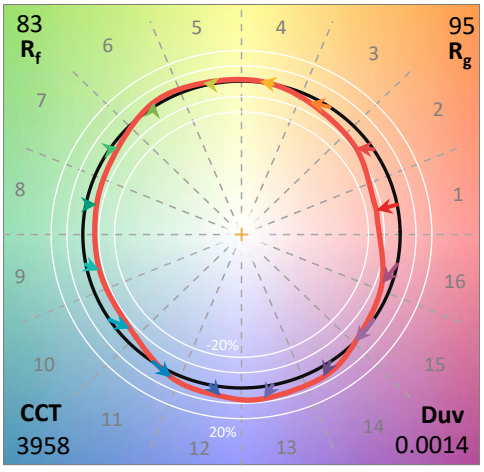
Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-595-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	01/27/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GKO-PB1C-840-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3958	CRI (Ra):	80.8		
CIE u':	0.2251	R1:	78.3	R9:	-5.1
CIE v':	0.5041	R2:	87.6	R10:	71.4
Duv:	0.0014	R3:	95.0	R11:	78.5
CIE x:	0.3833	R4:	79.6	R12:	60.5
CIE y:	0.3816	R5:	78.8	R13:	80.5
CIE z:	0.2351	R6:	83.3	R14:	97.5
Peak Wavelength (nm):	450	R7:	84.3	R15:	70.7
Dominant Wavelength (nm):	578	R8:	59.4		
Purity:	29.56261				
Rf:	82.9				
Rg:	94.7				



Test Conditions

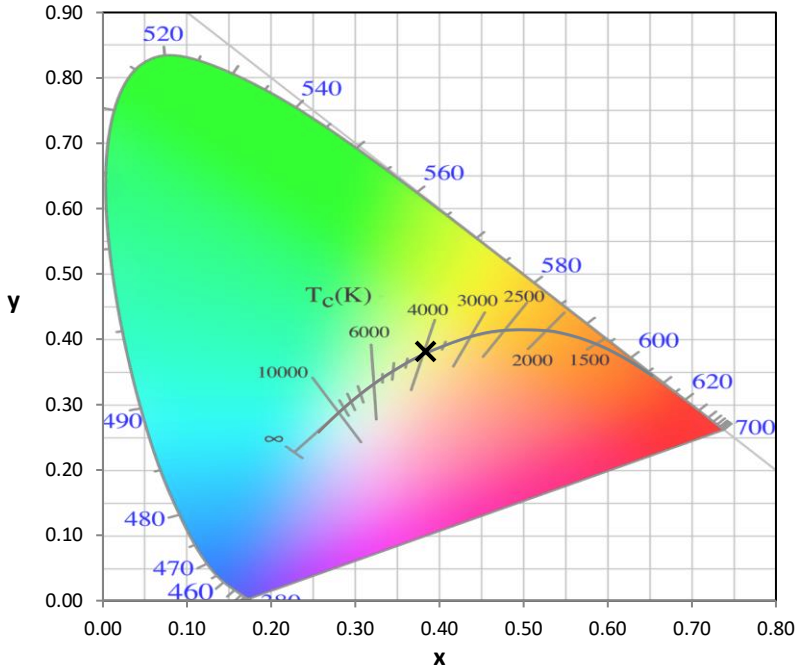
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-3

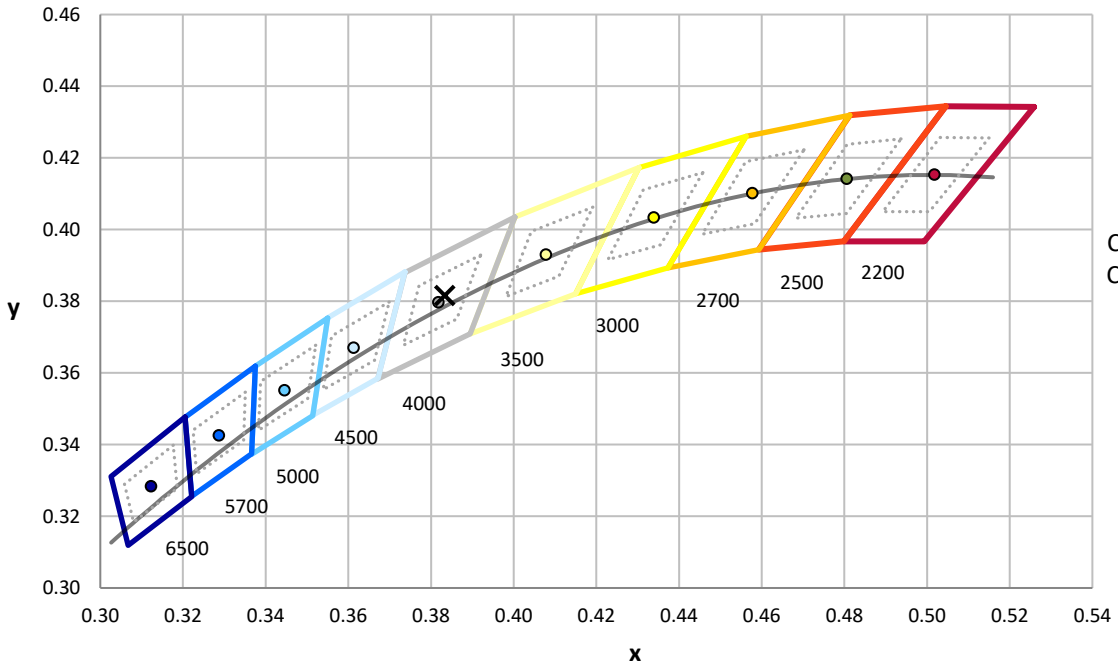
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534	10/20/2025	10/20/2026
Sphere Thermometer	TANDD IN4036E	10/21/2025	10/21/2026

REPORT NUMBER: SP3-2511-595-3

CIE 1931 Chromaticity Diagram



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

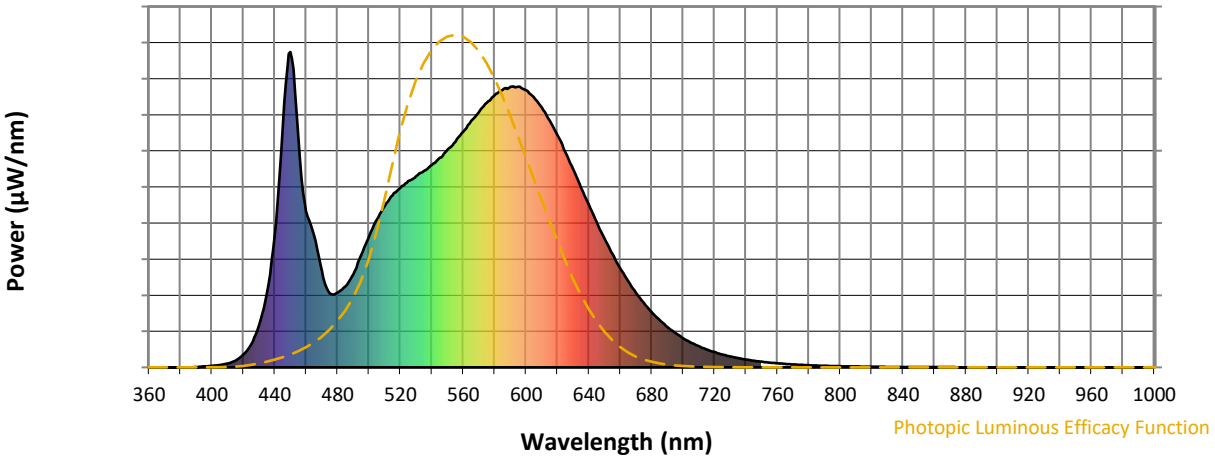


CCT = 3958K
CIE x = 0.3833
CIE y = 0.3816
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-3

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	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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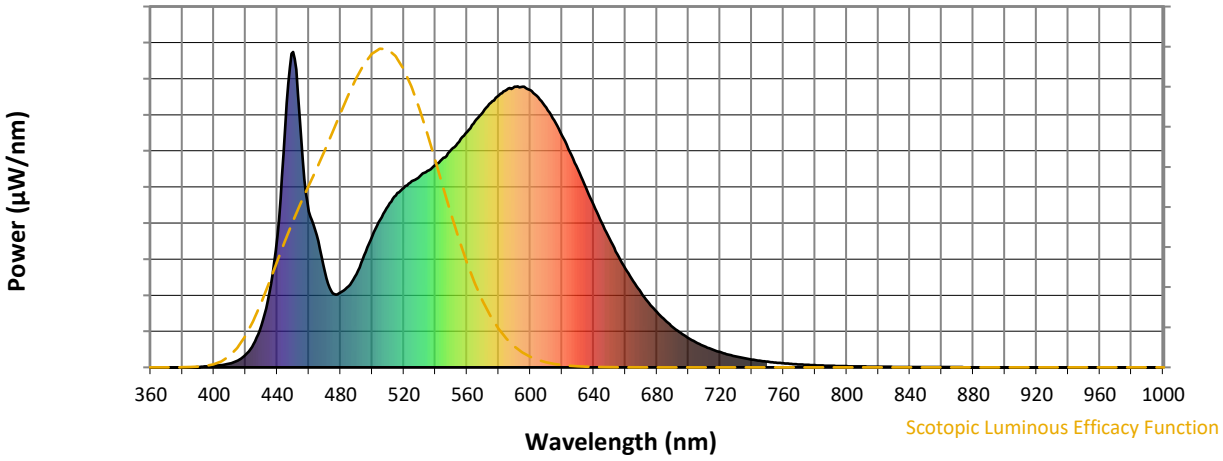
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.65**

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	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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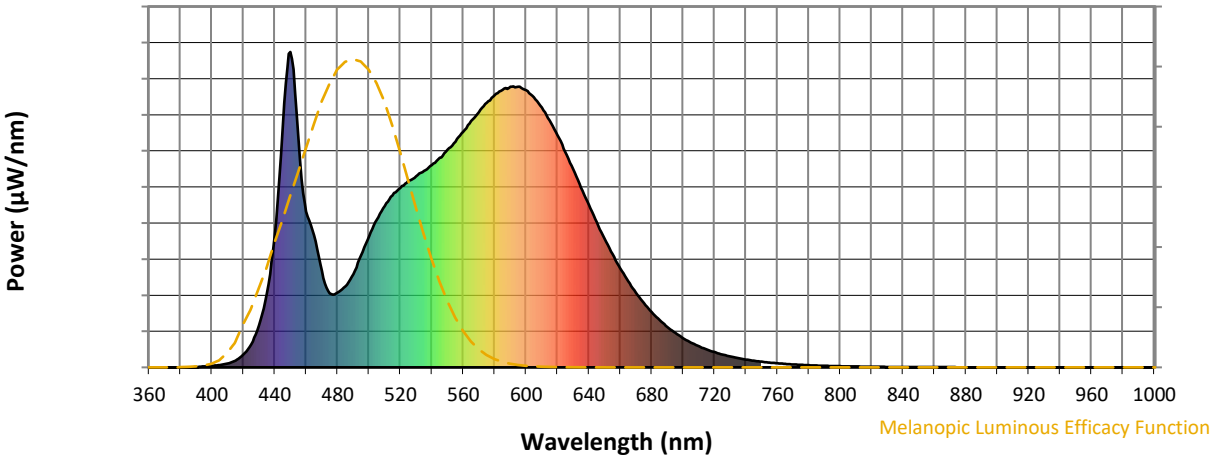
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.36**

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	296	NR	620	736	NR	750	18	NR	880	0	NR
365	0	NR	495	355	NR	625	683	NR	755	15	NR	885	0	NR
370	0	NR	500	415	NR	630	628	NR	760	13	NR	890	0	NR
375	0	NR	505	468	NR	635	571	NR	765	11	NR	895	0	NR
380	0	NR	510	511	NR	640	515	NR	770	9	NR	900	0	NR
385	0	NR	515	545	NR	645	460	NR	775	8	NR	905	0	NR
390	1	NR	520	570	NR	650	408	NR	780	7	NR	910	0	NR
395	3	NR	525	590	NR	655	359	NR	785	6	NR	915	0	NR
400	5	NR	530	606	NR	660	313	NR	790	5	NR	920	0	NR
405	7	NR	535	623	NR	665	273	NR	795	4	NR	925	0	NR
410	12	NR	540	641	NR	670	236	NR	800	4	NR	930	0	NR
415	22	NR	545	664	NR	675	204	NR	805	3	NR	935	0	NR
420	40	NR	550	690	NR	680	175	NR	810	3	NR	940	0	NR
425	73	NR	555	715	NR	685	151	NR	815	2	NR	945	0	NR
430	133	NR	560	747	NR	690	128	NR	820	2	NR	950	0	NR
435	236	NR	565	781	NR	695	109	NR	825	2	NR	955	0	NR
440	416	NR	570	809	NR	700	93	NR	830	1	NR	960	0	NR
445	757	NR	575	840	NR	705	78	NR	835	1	NR	965	0	NR
450	1000	NR	580	863	NR	710	67	NR	840	1	NR	970	0	NR
455	730	NR	585	880	NR	715	57	NR	845	1	NR	975	0	NR
460	494	NR	590	890	NR	720	48	NR	850	1	NR	980	0	NR
465	419	NR	595	890	NR	725	41	NR	855	1	NR	985	0	NR
470	305	NR	600	879	NR	730	35	NR	860	1	NR	990	0	NR
475	235	NR	605	856	NR	735	29	NR	865	1	NR	995	0	NR
480	237	NR	610	824	NR	740	25	NR	870	1	NR	1000	0	NR
485	257	NR	615	783	NR	745	21	NR	875	1	NR			

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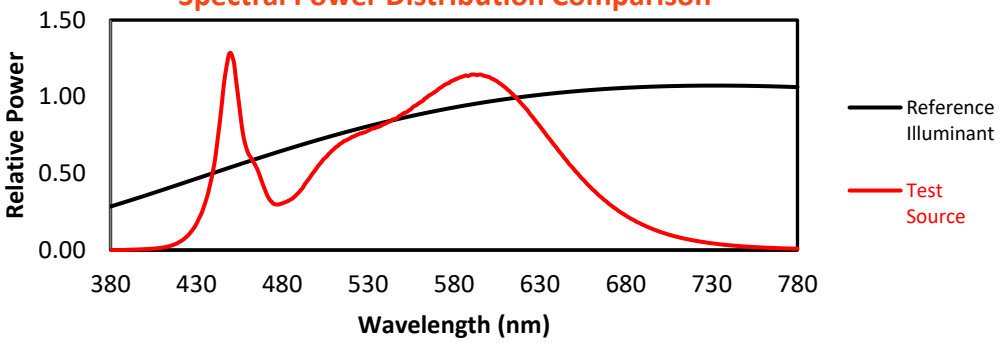
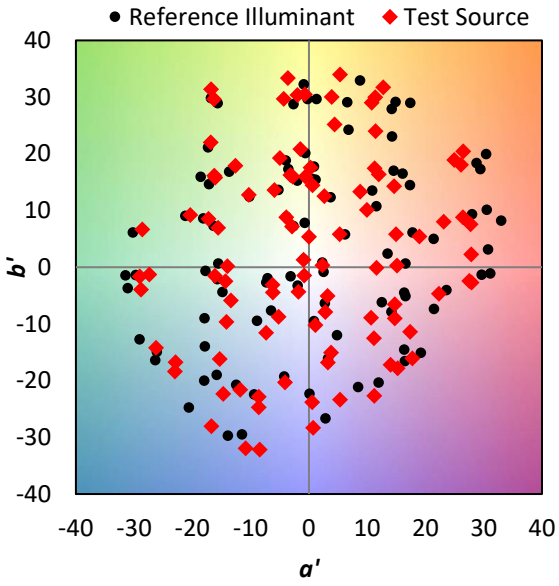
Summary

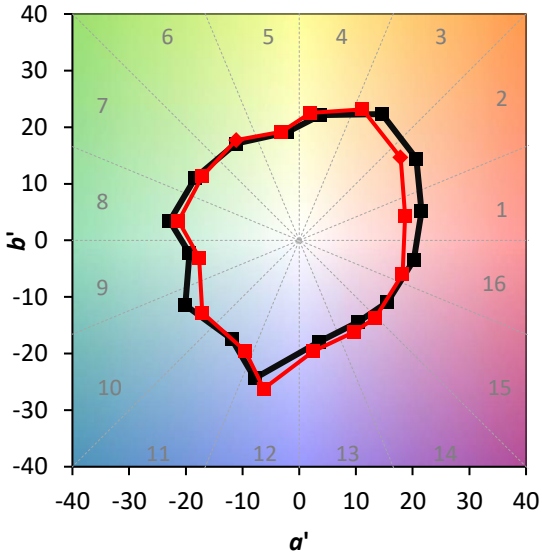
R_f = 82.9
R_g = 94.7
CIE R_a = 80.8
R_9 = -5.1

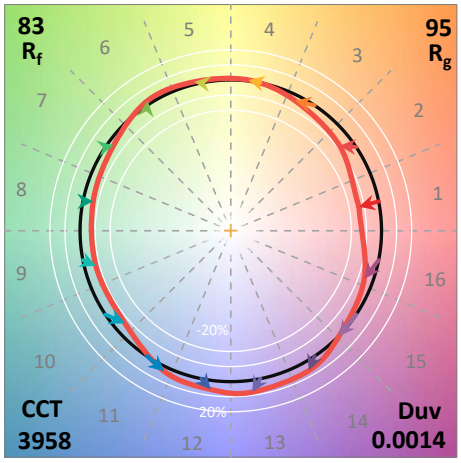
Spectral Power Distribution Comparison

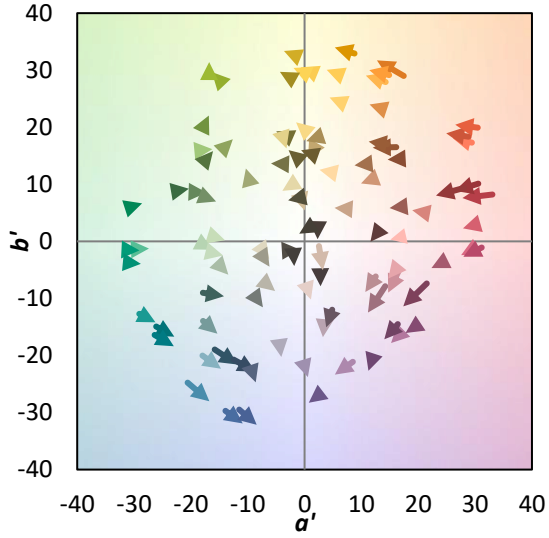


Color Vector Graphics









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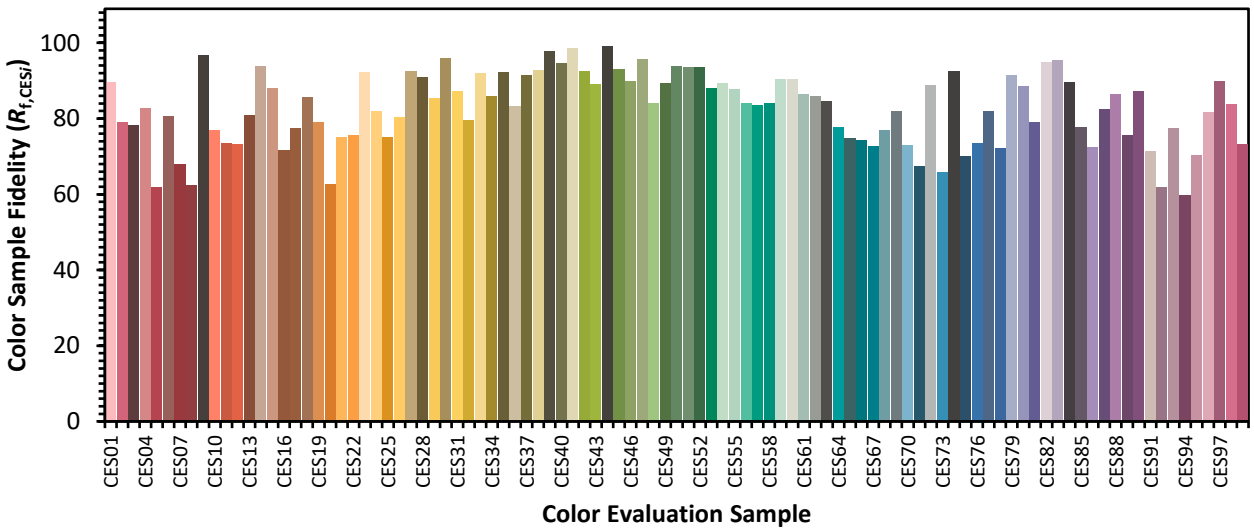
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 80	CES51 = 94	CES76 = 73
CES02 = 61	CES27 = 93	CES52 = 94	CES77 = 82
CES03 = 31	CES28 = 91	CES53 = 88	CES78 = 72
CES04 = 70	CES29 = 85	CES54 = 89	CES79 = 91
CES05 = 48	CES30 = 96	CES55 = 88	CES80 = 89
CES06 = 50	CES31 = 87	CES56 = 84	CES81 = 79
CES07 = 40	CES32 = 80	CES57 = 83	CES82 = 95
CES08 = 39	CES33 = 92	CES58 = 84	CES83 = 95
CES09 = 29	CES34 = 86	CES59 = 90	CES84 = 90
CES10 = 74	CES35 = 92	CES60 = 90	CES85 = 78
CES11 = 57	CES36 = 83	CES61 = 86	CES86 = 72
CES12 = 63	CES37 = 91	CES62 = 86	CES87 = 83
CES13 = 42	CES38 = 93	CES63 = 85	CES88 = 87
CES14 = 74	CES39 = 98	CES64 = 78	CES89 = 76
CES15 = 71	CES40 = 95	CES65 = 75	CES90 = 87
CES16 = 47	CES41 = 99	CES66 = 74	CES91 = 71
CES17 = 49	CES42 = 93	CES67 = 73	CES92 = 62
CES18 = 56	CES43 = 89	CES68 = 77	CES93 = 77
CES19 = 71	CES44 = 99	CES69 = 82	CES94 = 60
CES20 = 65	CES45 = 93	CES70 = 73	CES95 = 70
CES21 = 86	CES46 = 90	CES71 = 67	CES96 = 82
CES22 = 78	CES47 = 96	CES72 = 89	CES97 = 90
CES23 = 91	CES48 = 84	CES73 = 66	CES98 = 84
CES24 = 90	CES49 = 89	CES74 = 93	CES99 = 73
CES25 = 71	CES50 = 94	CES75 = 70	



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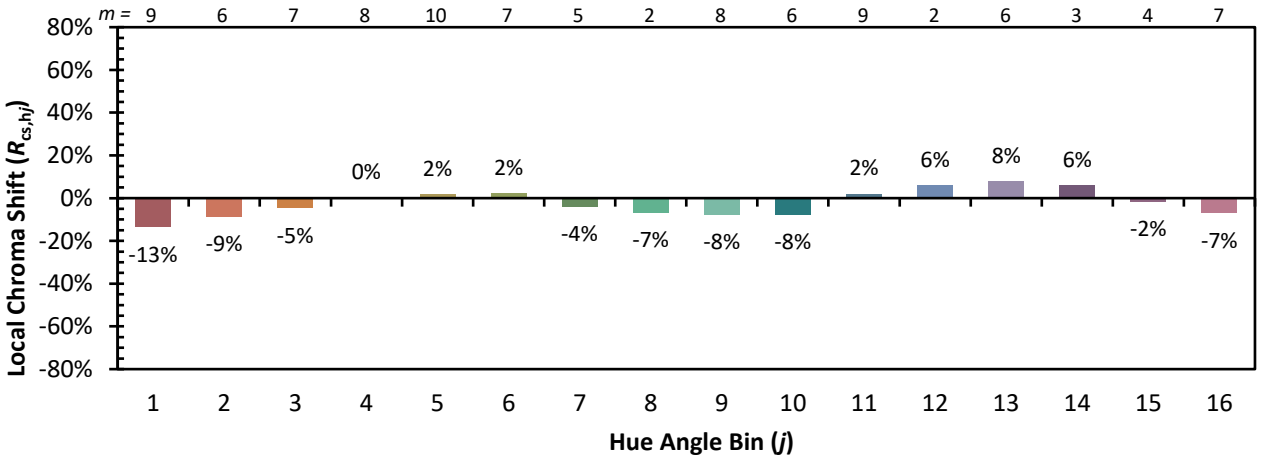
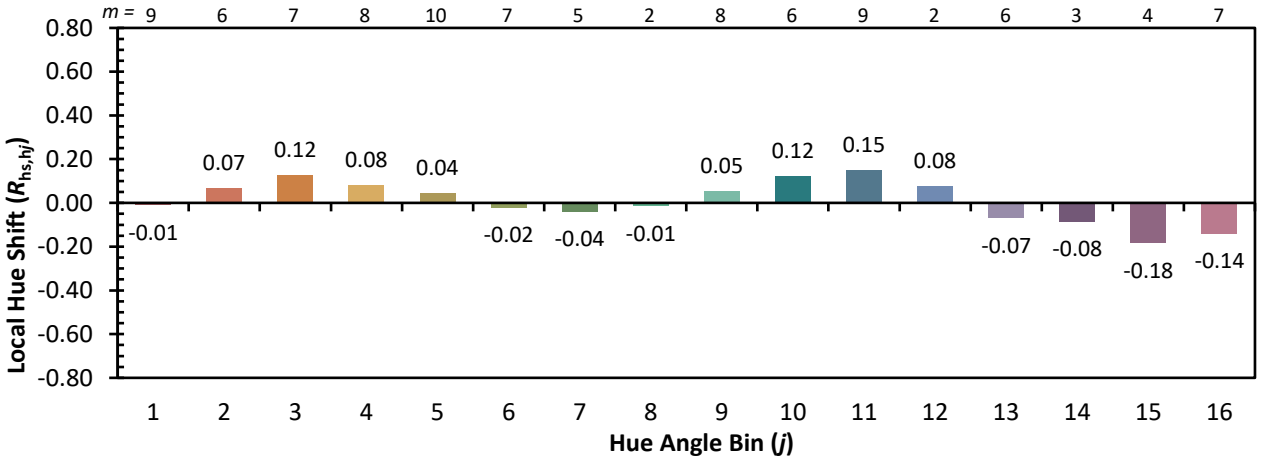
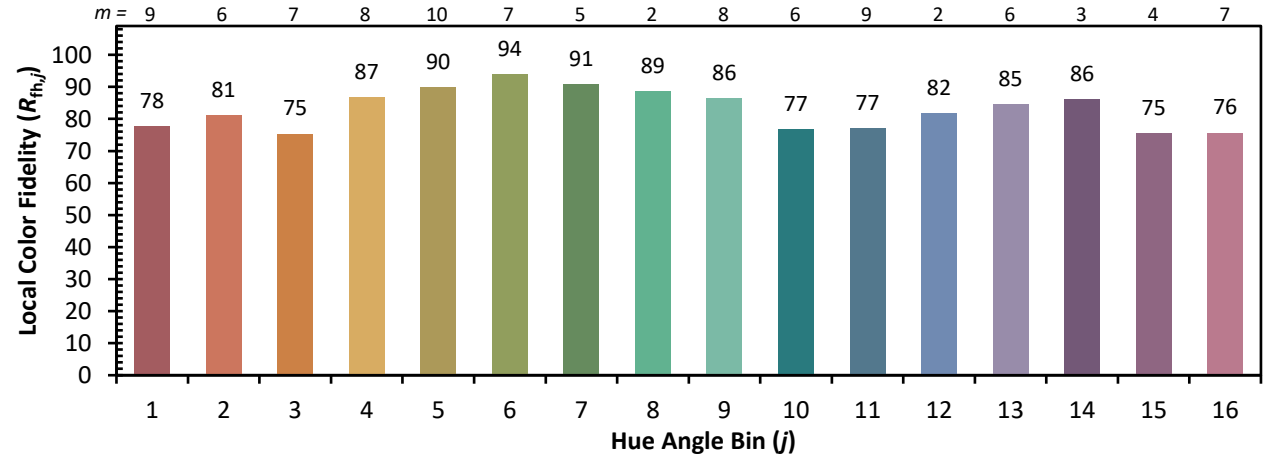
Color Rendition by Hue-Angle Bin







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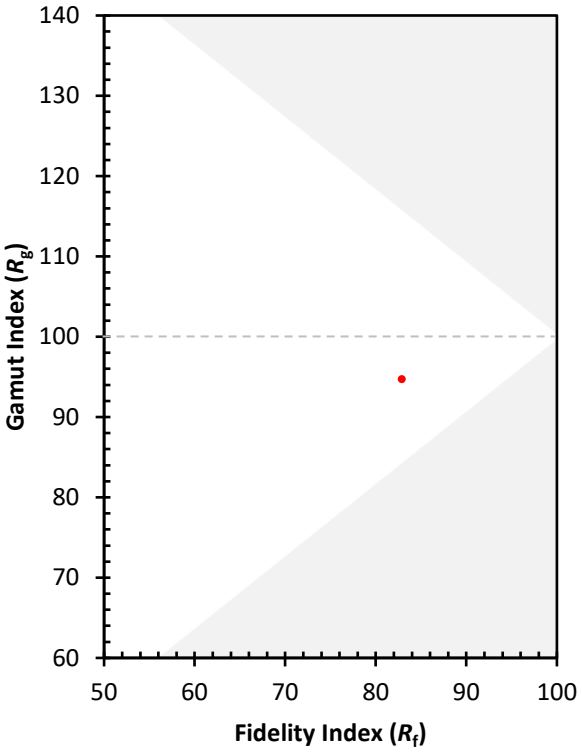
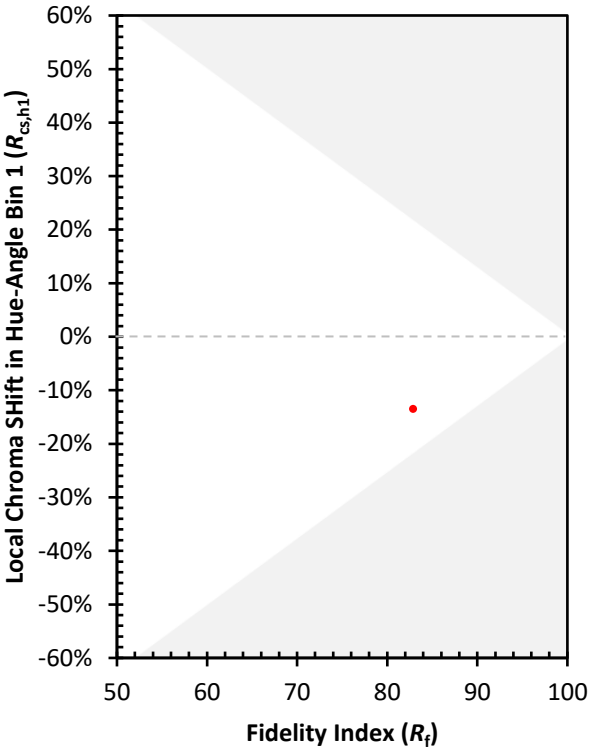
Measure Comparisons





(END OF REPORT)