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: P1211782

Luminaire Tested: **GKO-PB1E-830-U-T4W**

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:	P1211782
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	11/5/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1E-830-U-T4W
Description:	GEKKO WALL PACK 5000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(10) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4401.4 lumens
Efficiency:	N/A
Efficacy:	113.7 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short
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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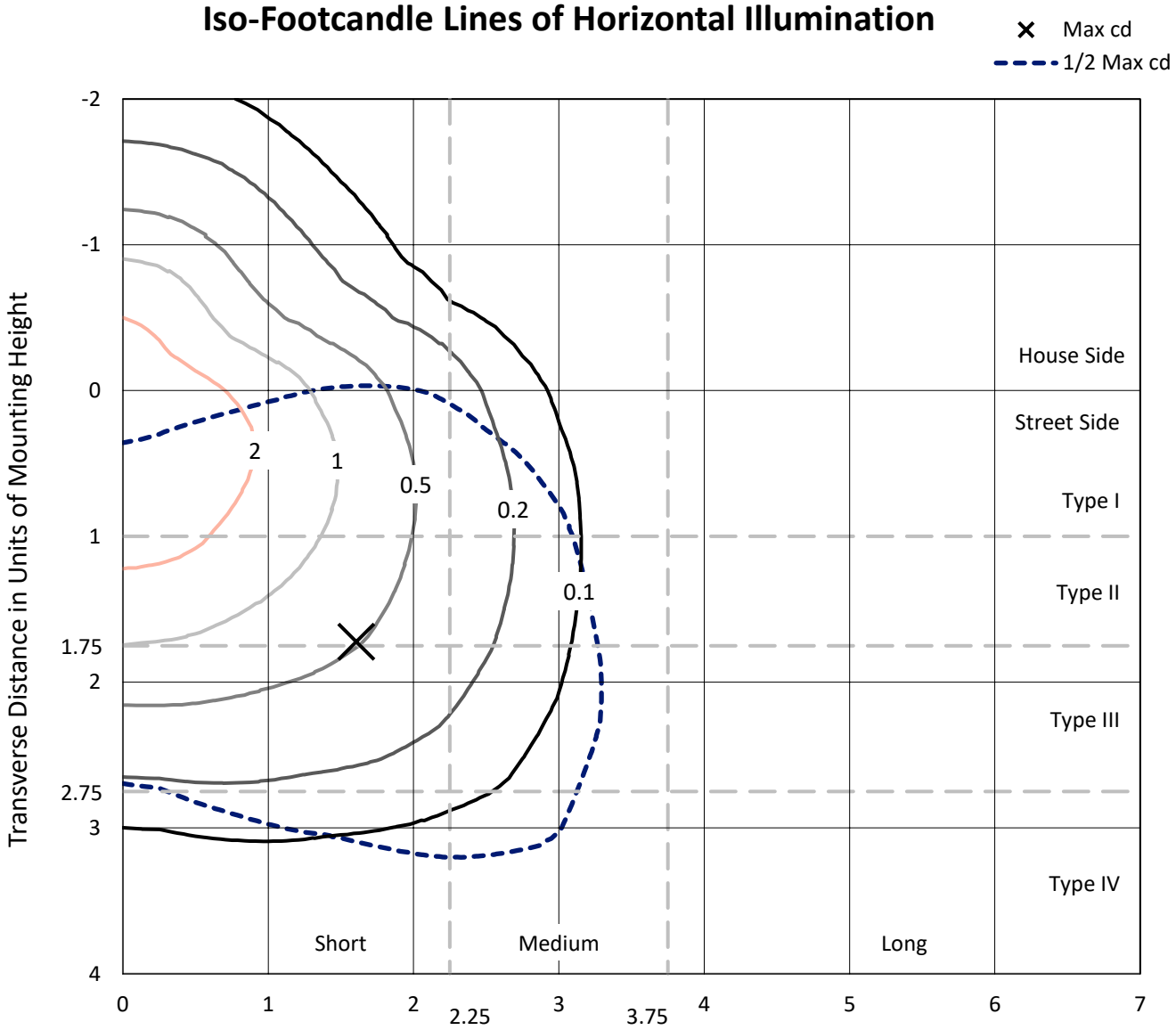
Scaled Data Report

REPORT NUMBER: P1211782
CATALOG NUMBER: GKO-PB1E-830-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 3.7 fc
Type IV - Short - N/A

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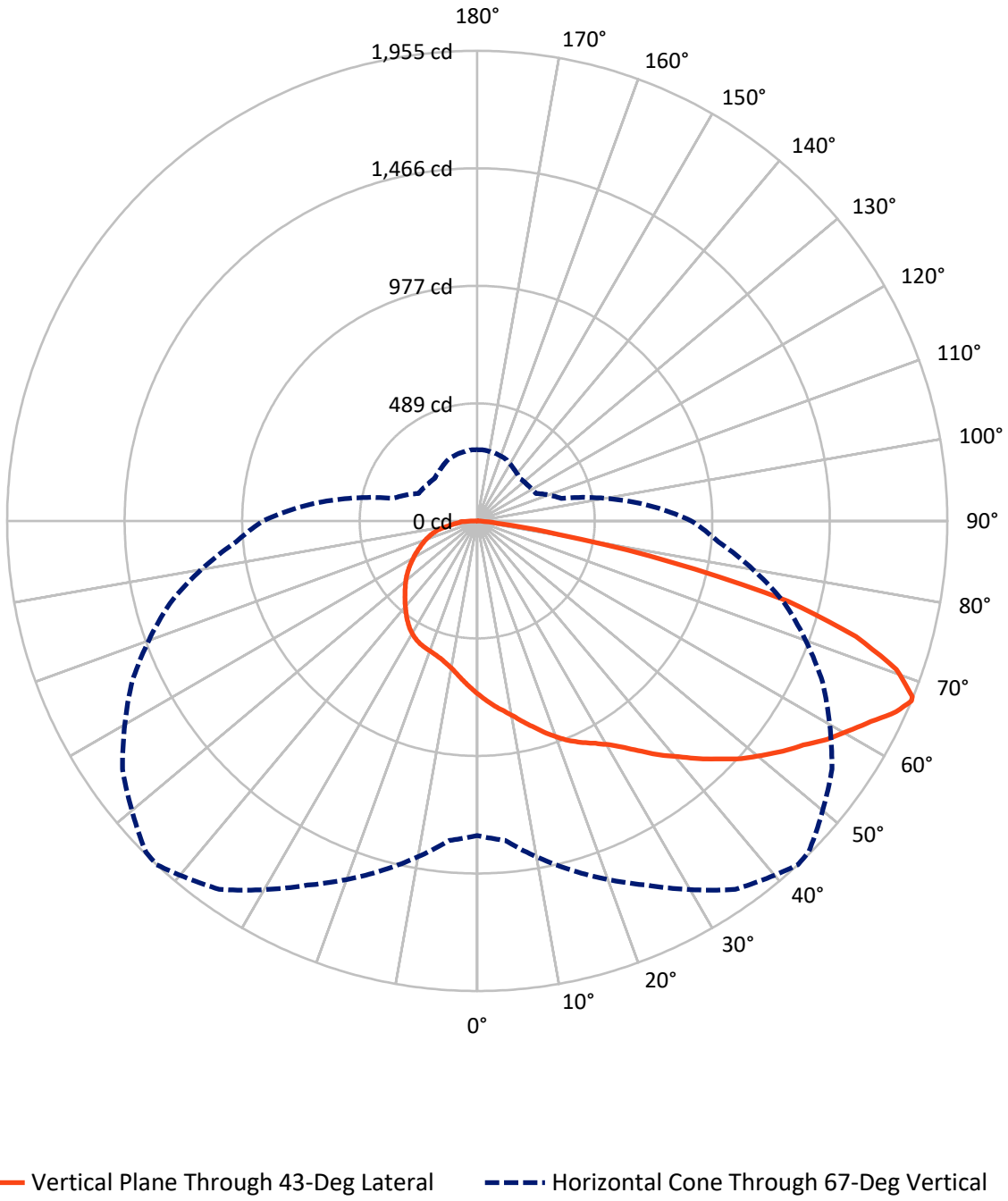
Luminous Intensity Polar Plot



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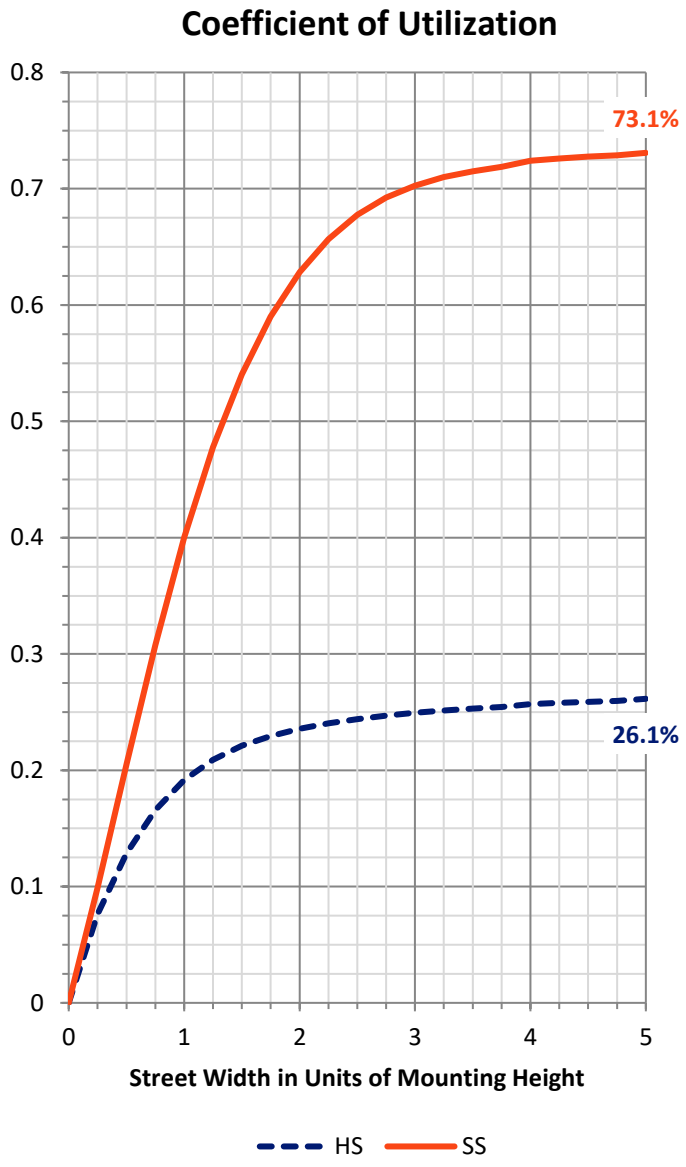
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1183.8	0.0	1183.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	3217.6	0.0	3217.6
	% Fixture	73.1	0.0	73.1
Total	Lumens	4401.4	0.0	4401.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.0	1.6
10°-20°	212.2	4.8
20°-30°	367.5	8.3
30°-40°	545.3	12.4
40°-50°	740.8	16.8
50°-60°	909.4	20.7
60°-70°	958.4	21.8
70°-80°	529.0	12.0
80°-90°	69.7	1.6
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°	4401.4	100.0
0°-180°	4401.4	100.0



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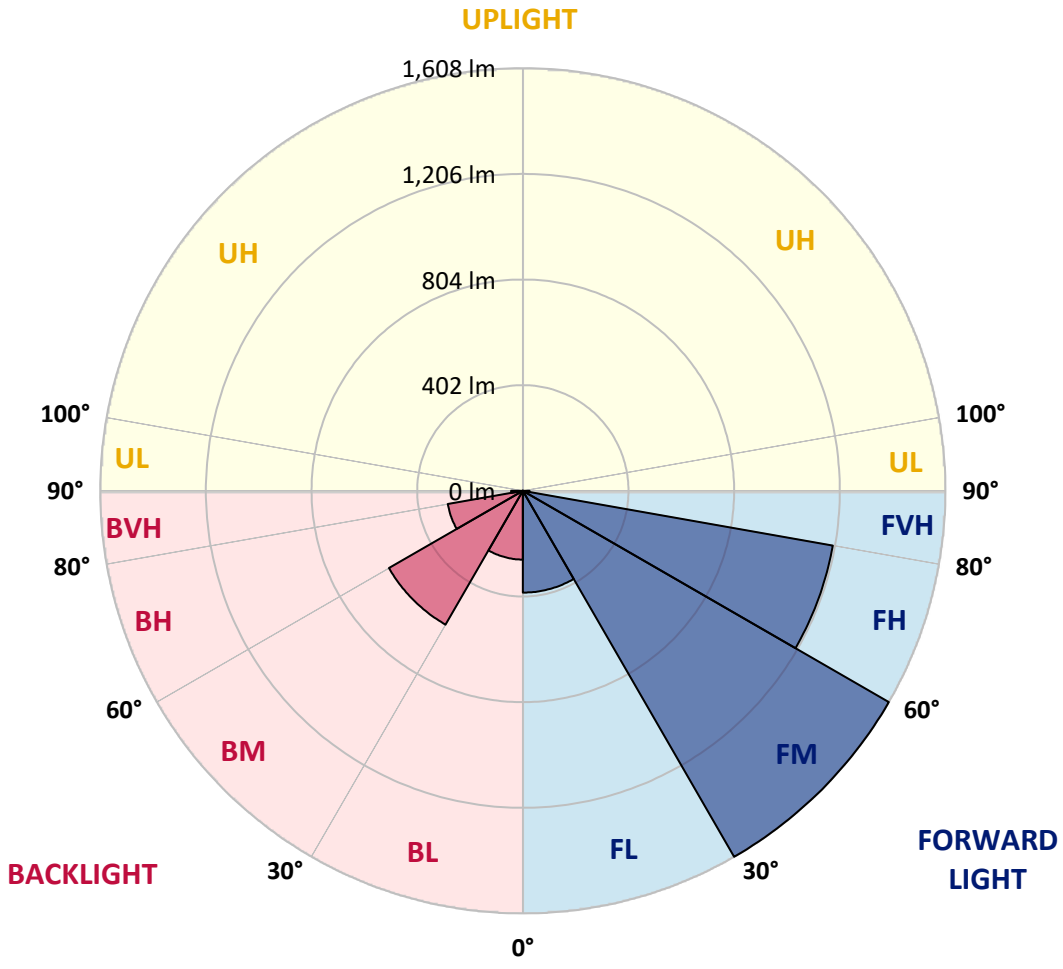
REPORT NUMBER: P1211782
CATALOG NUMBER: GKO-PB1E-830-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	387.2	8.8			
FM	(30°-60°)	1607.5	36.5			
FH	(60°-80°)	1197.4	27.2			G1/1800
FVH	(80°-90°)	25.5	0.6			G1/100
BL	(0°-30°)	261.5	5.9	B1/500		
BM	(30°-60°)	588.0	13.4	B1/1000		
BH	(60°-80°)	290.1	6.6	B1/500		G1/500
BVH	(80°-90°)	44.2	1.0			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 IV Short



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REPORT NUMBER: P1211782
CATALOG NUMBER: GKO-PB1E-830-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	722.4	722.4	722.4	722.4	722.4	722.4	722.4	722.4	722.4	722.4	722.4
2.5°	755.9	757.7	755.9	754.1	750.6	748.8	747.1	742.7	737.4	729.5	723.3
5°	789.4	789.4	786.7	785.0	779.7	774.4	771.8	761.2	749.7	736.5	724.2
7.5°	820.2	823.7	819.3	814.9	807.0	798.2	796.4	780.6	764.7	747.1	728.6
10°	859.0	861.6	855.5	851.9	836.9	825.5	822.0	802.6	781.4	759.4	735.6
12.5°	898.6	900.4	896.0	888.0	872.2	858.1	852.8	827.3	799.9	773.5	743.6
15°	933.0	934.7	933.0	924.2	909.2	891.6	884.5	856.3	822.9	788.5	753.3
17.5°	958.5	962.1	962.1	957.6	944.4	927.7	923.3	888.0	849.3	806.1	764.7
20°	980.6	982.3	985.8	983.2	976.1	962.1	955.9	922.4	875.7	826.4	776.2
22.5°	998.2	999.9	1006.1	1005.2	1000.8	993.8	987.6	956.8	906.5	846.6	786.7
25°	1029.0	1028.1	1031.7	1029.0	1023.7	1021.1	1017.6	990.2	937.4	870.4	800.8
27.5°	1082.7	1081.0	1077.5	1064.2	1051.0	1047.5	1044.9	1025.5	973.5	897.7	816.7
30°	1162.0	1163.8	1147.1	1117.1	1090.7	1080.1	1076.6	1063.4	1014.0	929.5	834.3
32.5°	1256.3	1255.4	1228.1	1185.8	1144.4	1123.3	1116.2	1102.1	1054.6	961.2	854.6
35°	1324.1	1322.4	1308.3	1270.4	1227.2	1177.0	1163.8	1141.8	1097.7	997.3	874.8
37.5°	1415.8	1413.1	1385.8	1346.2	1307.4	1235.2	1220.2	1190.2	1139.1	1032.5	897.7
40°	1520.6	1503.9	1458.9	1418.4	1365.5	1288.9	1276.6	1237.8	1186.7	1075.7	924.2
42.5°	1615.8	1591.1	1532.9	1481.8	1415.8	1352.3	1336.5	1290.7	1232.5	1115.3	951.5
45°	1758.5	1698.6	1614.9	1584.9	1470.4	1412.2	1399.0	1342.6	1282.7	1158.5	978.8
47.5°	1740.9	1698.6	1671.3	1667.7	1527.7	1477.4	1458.1	1399.9	1336.5	1204.3	1007.0
50°	1775.2	1741.7	1743.5	1700.3	1579.6	1532.9	1518.8	1459.8	1391.1	1249.3	1036.9
52.5°	1768.2	1777.9	1772.6	1705.6	1629.8	1591.1	1580.5	1521.5	1443.1	1292.4	1063.4
55°	1824.6	1819.3	1807.8	1741.7	1685.4	1645.7	1636.9	1585.8	1495.9	1329.4	1086.3
57.5°	1866.0	1838.6	1837.8	1782.3	1747.0	1714.4	1700.3	1651.9	1545.3	1362.0	1103.9
60°	1840.4	1807.8	1831.6	1788.4	1784.9	1772.6	1764.6	1710.0	1589.3	1386.7	1110.9
62.5°	1703.9	1711.8	1782.3	1779.6	1826.3	1837.8	1829.0	1750.5	1618.4	1395.5	1105.7
65°	1523.2	1547.0	1655.4	1747.9	1874.8	1914.4	1905.6	1779.6	1615.8	1375.2	1070.4
67°	1308.3	1333.8	1503.0	1671.3	1870.4	1954.9	1948.8	1800.8	1584.0	1323.3	1007.0
67.5°	1260.7	1289.8	1458.9	1636.0	1854.5	1951.4	1947.0	1802.5	1573.5	1298.6	982.3
70°	927.7	962.1	1200.8	1437.8	1727.6	1849.2	1848.3	1736.5	1464.2	1164.7	851.9
72.5°	577.9	608.8	856.3	1121.5	1496.8	1646.6	1640.4	1512.7	1260.7	950.6	672.2
75°	354.2	373.5	539.2	731.2	1085.4	1333.0	1341.8	1182.3	859.9	564.7	379.7
77.5°	216.7	237.9	340.1	451.1	663.4	829.0	830.8	655.5	441.4	307.5	207.9
80°	120.7	126.0	177.1	236.1	340.1	341.8	327.7	289.0	229.1	148.0	106.6
82.5°	47.6	51.1	76.6	95.1	96.9	101.3	94.3	85.5	72.2	47.6	33.5
85°	0.0	0.0	0.0	1.8	6.2	12.3	12.3	8.8	3.5	2.6	2.6
87.5°	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
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

Scaled Data Report

REPORT NUMBER: P1211782
CATALOG NUMBER: GKO-PB1E-830-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	722.4	722.4	722.4	722.4	722.4	722.4	722.4	722.4	722.4	722.4	722.4
2.5°	721.5	720.7	714.5	707.4	702.2	697.8	693.3	688.1	688.1	689.8	688.9
5°	719.8	715.4	703.9	691.6	681.9	673.1	665.2	658.1	657.2	658.1	659.0
7.5°	720.7	712.7	695.1	676.6	660.7	649.3	637.8	632.6	631.7	631.7	631.7
10°	724.2	712.7	688.9	663.4	644.0	627.3	614.9	609.7	610.5	611.4	612.3
12.5°	730.3	714.5	684.5	651.9	627.3	610.5	598.2	593.8	597.3	601.7	602.6
15°	736.5	718.0	680.1	642.2	614.1	595.6	586.7	585.9	592.0	600.0	601.7
17.5°	743.6	720.7	674.8	629.9	600.0	585.0	580.6	583.2	592.9	605.2	607.9
20°	750.6	724.2	668.7	618.5	586.7	576.2	578.8	586.7	599.1	614.1	616.7
22.5°	757.7	726.8	660.7	604.4	572.6	569.1	578.8	592.0	604.4	621.1	624.6
25°	765.6	730.3	651.1	586.7	558.6	561.2	577.9	593.8	607.0	624.6	629.0
27.5°	777.9	735.6	641.4	570.9	542.7	551.5	573.5	592.9	607.0	623.7	629.0
30°	790.3	740.9	633.4	554.1	526.8	538.3	564.7	588.5	602.6	617.6	624.6
32.5°	804.4	748.0	626.4	537.4	509.2	523.3	552.4	578.8	595.6	608.8	615.8
35°	819.3	758.5	621.1	522.4	491.6	503.9	533.9	566.5	583.2	595.6	601.7
37.5°	838.7	770.0	617.6	507.5	473.1	483.7	514.5	548.9	568.2	577.9	585.9
40°	859.9	786.7	617.6	495.1	455.5	462.5	494.2	531.2	550.6	558.6	566.5
42.5°	881.0	803.5	616.7	482.8	437.0	442.3	474.0	511.9	530.4	536.5	542.7
45°	905.7	822.9	615.8	468.7	416.7	422.0	454.6	492.5	510.1	515.4	520.7
47.5°	932.1	842.2	612.3	451.1	398.2	402.6	435.2	470.5	488.1	494.2	499.5
50°	955.9	860.7	603.5	430.8	381.5	385.9	415.0	444.0	459.9	466.9	472.2
52.5°	977.0	874.0	589.4	407.9	363.0	368.3	390.3	415.8	428.2	433.5	437.0
55°	993.8	881.0	566.5	385.9	345.4	348.0	365.6	388.5	398.2	399.1	401.7
57.5°	1005.2	880.1	535.6	360.3	327.7	328.6	340.9	361.2	368.3	367.4	369.1
60°	1007.9	868.7	498.6	336.5	310.1	307.5	319.8	333.9	338.3	341.8	346.2
62.5°	997.3	841.4	456.4	312.8	292.5	288.1	296.9	309.2	316.3	318.0	319.8
65°	958.5	791.1	405.3	288.1	274.9	266.9	276.6	294.3	305.7	309.2	308.3
67°	*890.7*	*720.7*	*361.2*	*269.6*	*257.3*	*250.2*	*264.3*	*282.8*	*290.7*	*296.0*	*296.0*
67.5°	868.7	695.1	346.2	263.4	252.8	246.7	259.9	277.5	288.1	294.3	294.3
70°	737.4	570.0	292.5	232.6	227.3	228.2	244.0	263.4	276.6	282.8	282.8
72.5°	562.1	441.4	237.9	202.6	200.9	207.0	227.3	244.9	261.7	272.2	271.3
75°	318.9	254.6	173.6	165.6	172.7	185.0	210.6	229.9	244.9	255.5	254.6
77.5°	185.9	153.3	119.8	113.6	133.9	162.1	188.5	213.2	223.8	227.3	224.7
80°	94.3	80.2	74.9	77.5	89.9	120.7	164.7	193.8	201.7	204.4	201.7
82.5°	30.0	27.3	30.0	39.6	59.9	95.1	133.0	175.3	185.0	185.0	184.1
85°	1.8	1.8	1.8	17.6	41.4	70.5	104.0	153.3	173.6	171.8	169.2
87.5°	0.9	0.9	0.9	11.5	32.6	59.0	91.6	139.2	165.6	153.3	144.5
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: SP3-2511-595-4

Test Date: 11/12/2025

Luminaire Tested: GKO-PB1C-830-U-T4W

Data in this report applies to families of products including GKO-PB1C-830*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

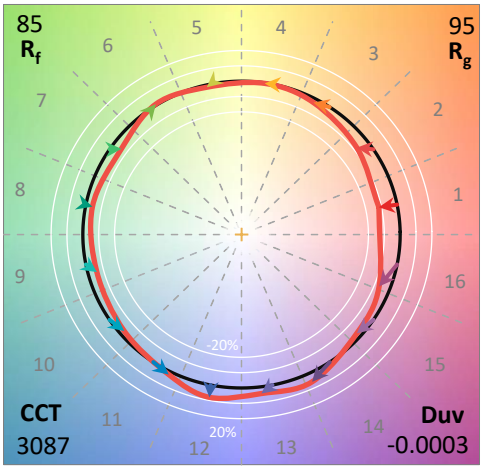
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2511-595-4
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-830-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3087
CIE u':	0.2477
CIE v':	0.5192
Duv:	-0.0003
CIE x:	0.4305
CIE y:	0.4010
CIE z:	0.1685
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	582
Purity:	49.5752
Rf:	84.7
Rg:	94.9

CRI (Ra):	82.7
R1:	81.5
R2:	92.1
R3:	95.2
R4:	80.4
R5:	81.9
R6:	90.5
R7:	82.0
R8:	58.3
R9:	5.8
R10:	82.0
R11:	80.1
R12:	71.1
R13:	84.2
R14:	98.1
R15:	73.7



Test Conditions

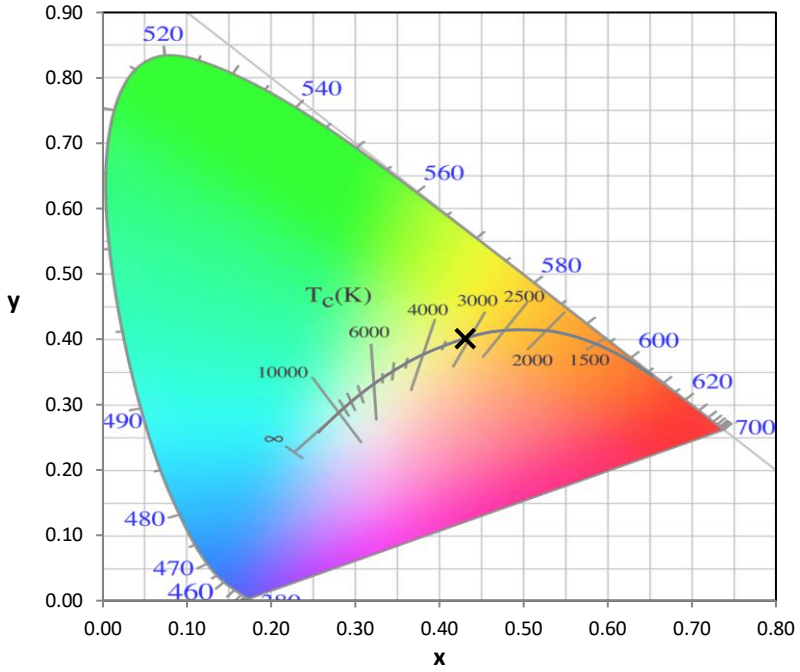
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-4

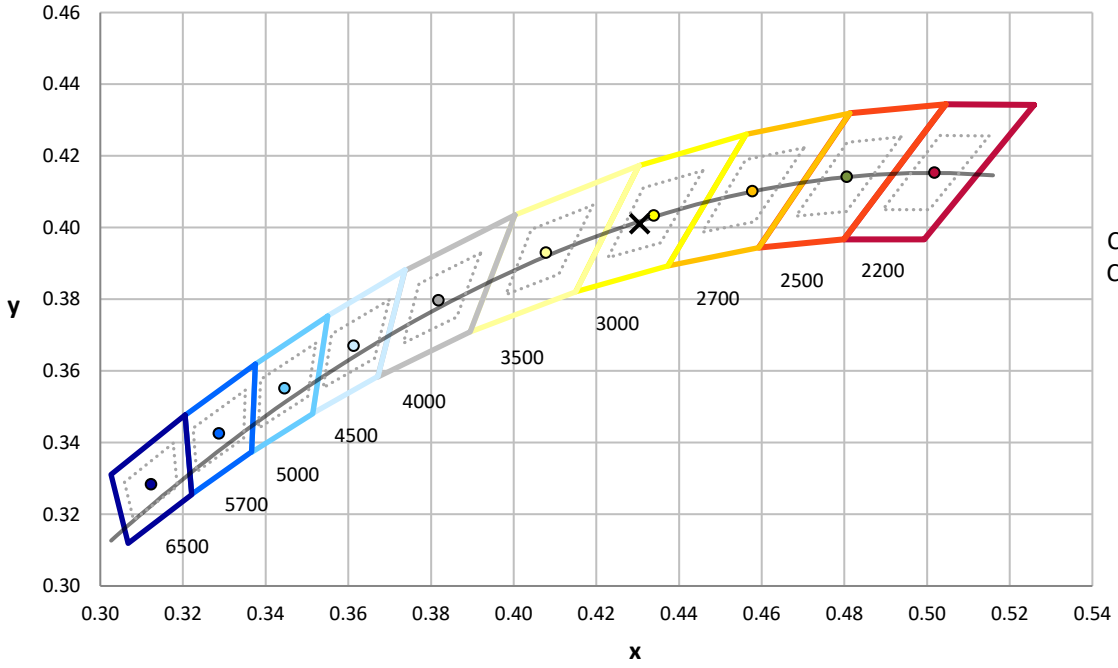
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

REPORT NUMBER: SP3-2511-595-4

CIE 1931 Chromaticity Diagram



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

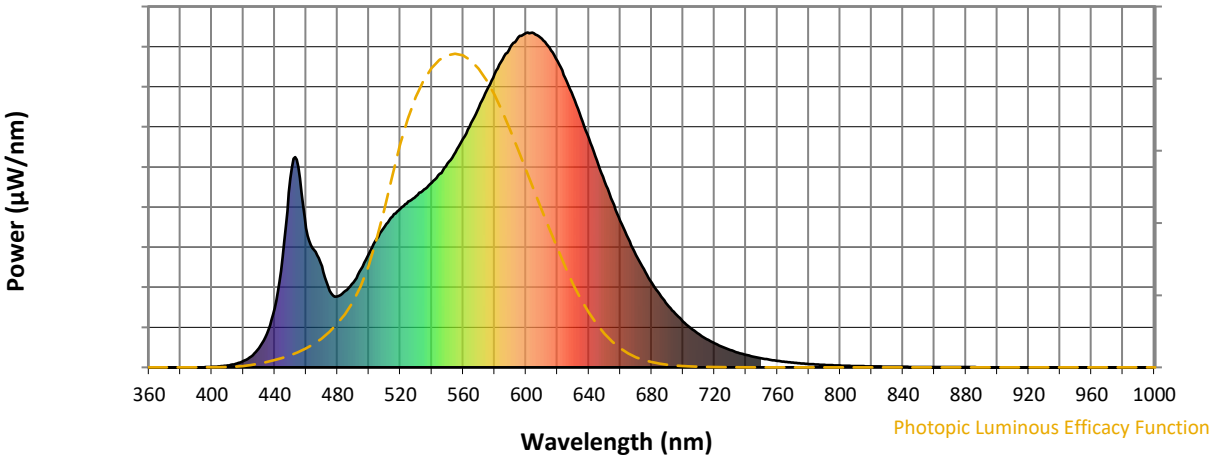


CCT = 3087K
CIE x = 0.4305
CIE y = 0.4010
Duv = -0.0003

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP3-2511-595-4

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	253	NR	620	915	NR	750	27	NR	880	1	NR
365	0	NR	495	293	NR	625	864	NR	755	23	NR	885	1	NR
370	0	NR	500	340	NR	630	809	NR	760	19	NR	890	0	NR
375	0	NR	505	384	NR	635	748	NR	765	16	NR	895	0	NR
380	0	NR	510	420	NR	640	684	NR	770	14	NR	900	0	NR
385	0	NR	515	450	NR	645	619	NR	775	12	NR	905	0	NR
390	0	NR	520	474	NR	650	556	NR	780	10	NR	910	0	NR
395	0	NR	525	495	NR	655	495	NR	785	9	NR	915	0	NR
400	2	NR	530	511	NR	660	437	NR	790	7	NR	920	0	NR
405	3	NR	535	531	NR	665	385	NR	795	6	NR	925	0	NR
410	6	NR	540	551	NR	670	336	NR	800	5	NR	930	0	NR
415	10	NR	545	578	NR	675	293	NR	805	5	NR	935	0	NR
420	19	NR	550	609	NR	680	253	NR	810	4	NR	940	0	NR
425	33	NR	555	642	NR	685	219	NR	815	3	NR	945	0	NR
430	58	NR	560	683	NR	690	187	NR	820	3	NR	950	0	NR
435	101	NR	565	730	NR	695	161	NR	825	2	NR	955	0	NR
440	176	NR	570	776	NR	700	137	NR	830	2	NR	960	0	NR
445	329	NR	575	827	NR	705	117	NR	835	2	NR	965	0	NR
450	565	NR	580	876	NR	710	100	NR	840	2	NR	970	0	NR
455	599	NR	585	919	NR	715	84	NR	845	1	NR	975	0	NR
460	416	NR	590	958	NR	720	72	NR	850	1	NR	980	0	NR
465	350	NR	595	985	NR	725	61	NR	855	1	NR	985	0	NR
470	302	NR	600	998	NR	730	52	NR	860	1	NR	990	0	NR
475	229	NR	605	998	NR	735	44	NR	865	1	NR	995	0	NR
480	212	NR	610	982	NR	740	37	NR	870	1	NR	1000	0	NR
485	228	NR	615	955	NR	745	32	NR	875	1	NR			

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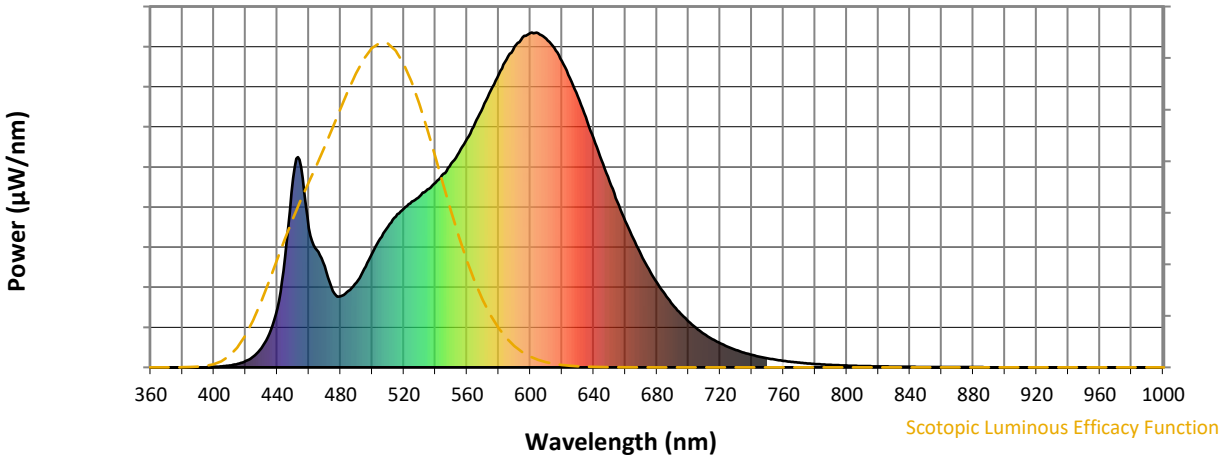
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.4**

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	253	NR	620	915	NR	750	27	NR	880	1	NR
365	0	NR	495	293	NR	625	864	NR	755	23	NR	885	1	NR
370	0	NR	500	340	NR	630	809	NR	760	19	NR	890	0	NR
375	0	NR	505	384	NR	635	748	NR	765	16	NR	895	0	NR
380	0	NR	510	420	NR	640	684	NR	770	14	NR	900	0	NR
385	0	NR	515	450	NR	645	619	NR	775	12	NR	905	0	NR
390	0	NR	520	474	NR	650	556	NR	780	10	NR	910	0	NR
395	0	NR	525	495	NR	655	495	NR	785	9	NR	915	0	NR
400	2	NR	530	511	NR	660	437	NR	790	7	NR	920	0	NR
405	3	NR	535	531	NR	665	385	NR	795	6	NR	925	0	NR
410	6	NR	540	551	NR	670	336	NR	800	5	NR	930	0	NR
415	10	NR	545	578	NR	675	293	NR	805	5	NR	935	0	NR
420	19	NR	550	609	NR	680	253	NR	810	4	NR	940	0	NR
425	33	NR	555	642	NR	685	219	NR	815	3	NR	945	0	NR
430	58	NR	560	683	NR	690	187	NR	820	3	NR	950	0	NR
435	101	NR	565	730	NR	695	161	NR	825	2	NR	955	0	NR
440	176	NR	570	776	NR	700	137	NR	830	2	NR	960	0	NR
445	329	NR	575	827	NR	705	117	NR	835	2	NR	965	0	NR
450	565	NR	580	876	NR	710	100	NR	840	2	NR	970	0	NR
455	599	NR	585	919	NR	715	84	NR	845	1	NR	975	0	NR
460	416	NR	590	958	NR	720	72	NR	850	1	NR	980	0	NR
465	350	NR	595	985	NR	725	61	NR	855	1	NR	985	0	NR
470	302	NR	600	998	NR	730	52	NR	860	1	NR	990	0	NR
475	229	NR	605	998	NR	735	44	NR	865	1	NR	995	0	NR
480	212	NR	610	982	NR	740	37	NR	870	1	NR	1000	0	NR
485	228	NR	615	955	NR	745	32	NR	875	1	NR			

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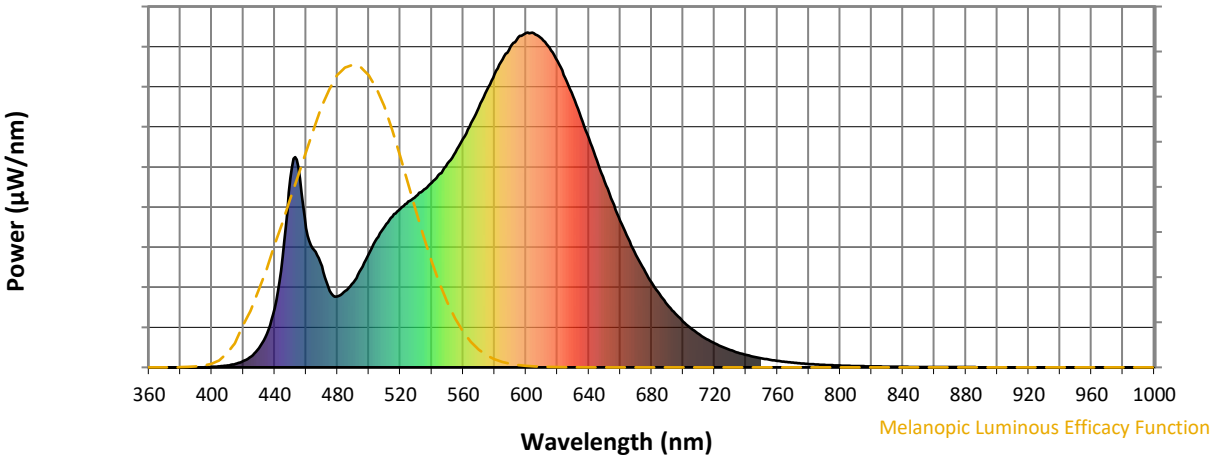
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.74**

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	253	NR	620	915	NR	750	27	NR	880	1	NR
365	0	NR	495	293	NR	625	864	NR	755	23	NR	885	1	NR
370	0	NR	500	340	NR	630	809	NR	760	19	NR	890	0	NR
375	0	NR	505	384	NR	635	748	NR	765	16	NR	895	0	NR
380	0	NR	510	420	NR	640	684	NR	770	14	NR	900	0	NR
385	0	NR	515	450	NR	645	619	NR	775	12	NR	905	0	NR
390	0	NR	520	474	NR	650	556	NR	780	10	NR	910	0	NR
395	0	NR	525	495	NR	655	495	NR	785	9	NR	915	0	NR
400	2	NR	530	511	NR	660	437	NR	790	7	NR	920	0	NR
405	3	NR	535	531	NR	665	385	NR	795	6	NR	925	0	NR
410	6	NR	540	551	NR	670	336	NR	800	5	NR	930	0	NR
415	10	NR	545	578	NR	675	293	NR	805	5	NR	935	0	NR
420	19	NR	550	609	NR	680	253	NR	810	4	NR	940	0	NR
425	33	NR	555	642	NR	685	219	NR	815	3	NR	945	0	NR
430	58	NR	560	683	NR	690	187	NR	820	3	NR	950	0	NR
435	101	NR	565	730	NR	695	161	NR	825	2	NR	955	0	NR
440	176	NR	570	776	NR	700	137	NR	830	2	NR	960	0	NR
445	329	NR	575	827	NR	705	117	NR	835	2	NR	965	0	NR
450	565	NR	580	876	NR	710	100	NR	840	2	NR	970	0	NR
455	599	NR	585	919	NR	715	84	NR	845	1	NR	975	0	NR
460	416	NR	590	958	NR	720	72	NR	850	1	NR	980	0	NR
465	350	NR	595	985	NR	725	61	NR	855	1	NR	985	0	NR
470	302	NR	600	998	NR	730	52	NR	860	1	NR	990	0	NR
475	229	NR	605	998	NR	735	44	NR	865	1	NR	995	0	NR
480	212	NR	610	982	NR	740	37	NR	870	1	NR	1000	0	NR
485	228	NR	615	955	NR	745	32	NR	875	1	NR			

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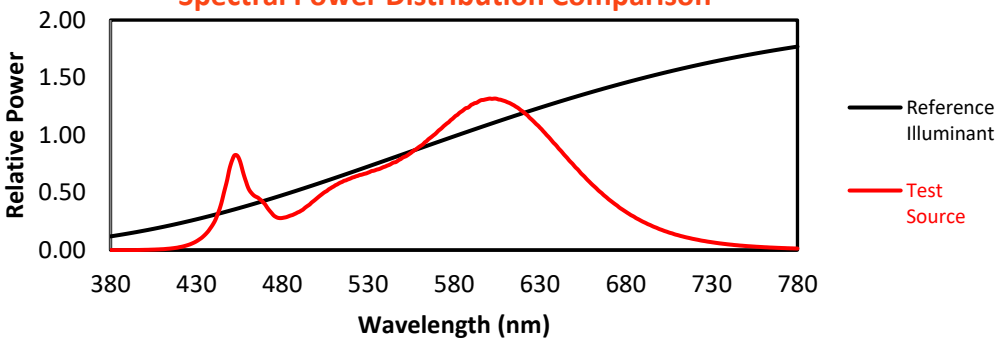
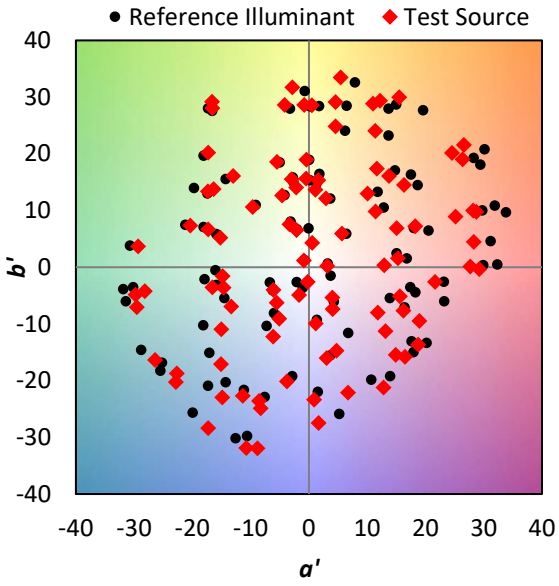
Summary

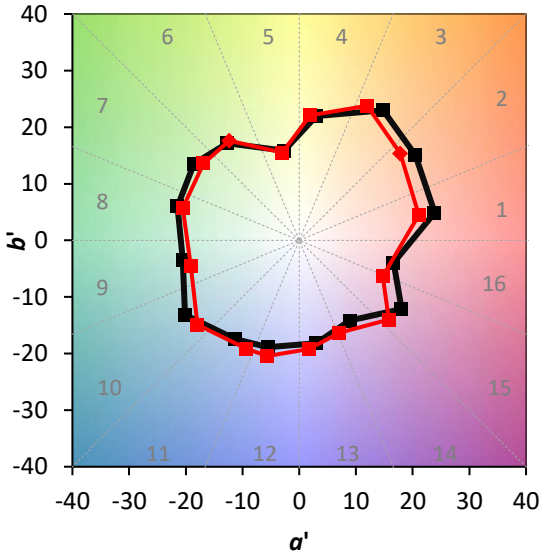
R_f = 84.7
R_g = 94.9
CIE R_a = 82.7
R_9 = 5.8

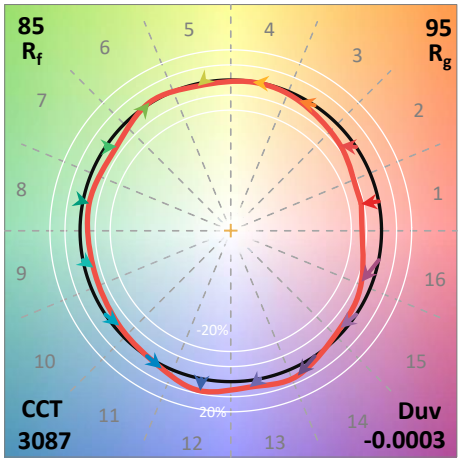
Spectral Power Distribution Comparison

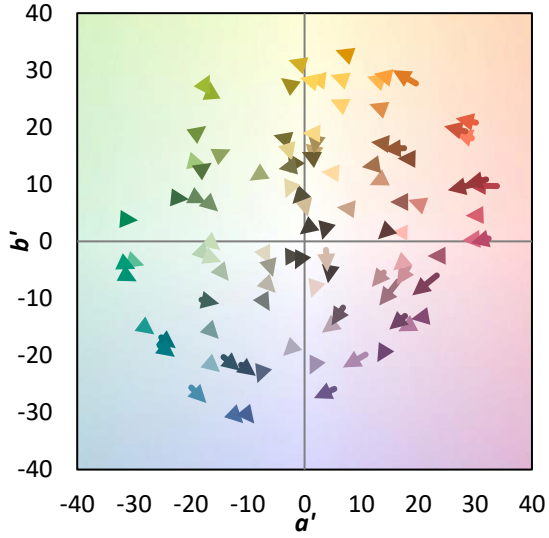


Color Vector Graphics









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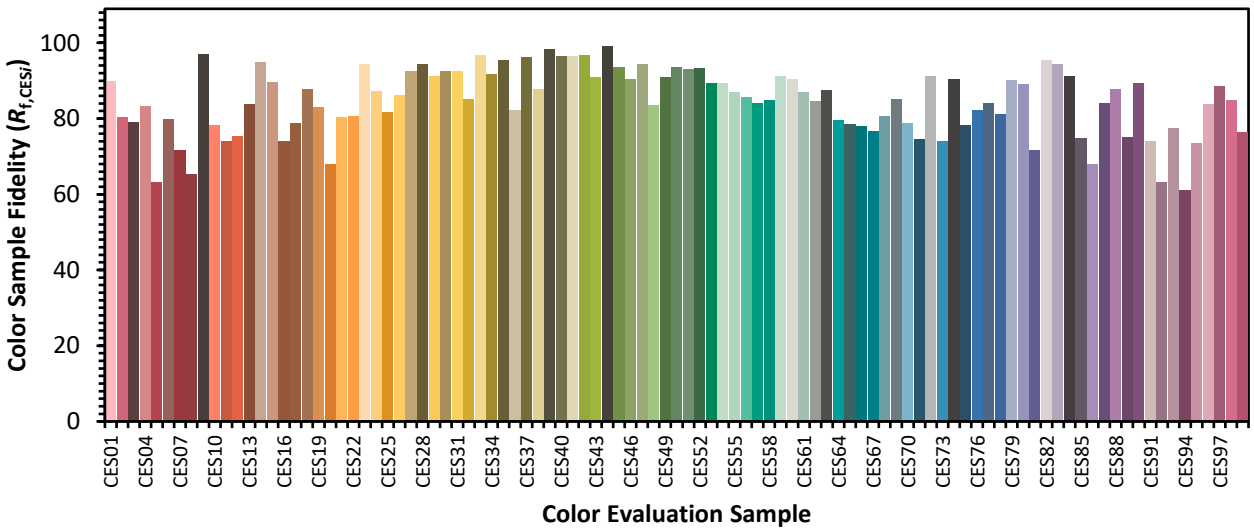
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 86	CES51 = 93	CES76 = 82
CES02 = 63	CES27 = 93	CES52 = 93	CES77 = 84
CES03 = 31	CES28 = 94	CES53 = 89	CES78 = 81
CES04 = 70	CES29 = 91	CES54 = 89	CES79 = 90
CES05 = 49	CES30 = 93	CES55 = 87	CES80 = 89
CES06 = 51	CES31 = 93	CES56 = 86	CES81 = 72
CES07 = 42	CES32 = 85	CES57 = 84	CES82 = 95
CES08 = 41	CES33 = 97	CES58 = 85	CES83 = 94
CES09 = 29	CES34 = 92	CES59 = 91	CES84 = 91
CES10 = 76	CES35 = 95	CES60 = 90	CES85 = 75
CES11 = 59	CES36 = 82	CES61 = 87	CES86 = 68
CES12 = 65	CES37 = 96	CES62 = 85	CES87 = 84
CES13 = 43	CES38 = 88	CES63 = 87	CES88 = 88
CES14 = 74	CES39 = 98	CES64 = 80	CES89 = 75
CES15 = 72	CES40 = 96	CES65 = 79	CES90 = 89
CES16 = 47	CES41 = 96	CES66 = 78	CES91 = 74
CES17 = 50	CES42 = 97	CES67 = 77	CES92 = 63
CES18 = 56	CES43 = 91	CES68 = 81	CES93 = 77
CES19 = 72	CES44 = 99	CES69 = 85	CES94 = 61
CES20 = 66	CES45 = 93	CES70 = 79	CES95 = 74
CES21 = 87	CES46 = 90	CES71 = 75	CES96 = 84
CES22 = 79	CES47 = 94	CES72 = 91	CES97 = 89
CES23 = 92	CES48 = 84	CES73 = 74	CES98 = 85
CES24 = 91	CES49 = 91	CES74 = 90	CES99 = 77
CES25 = 72	CES50 = 93	CES75 = 78	



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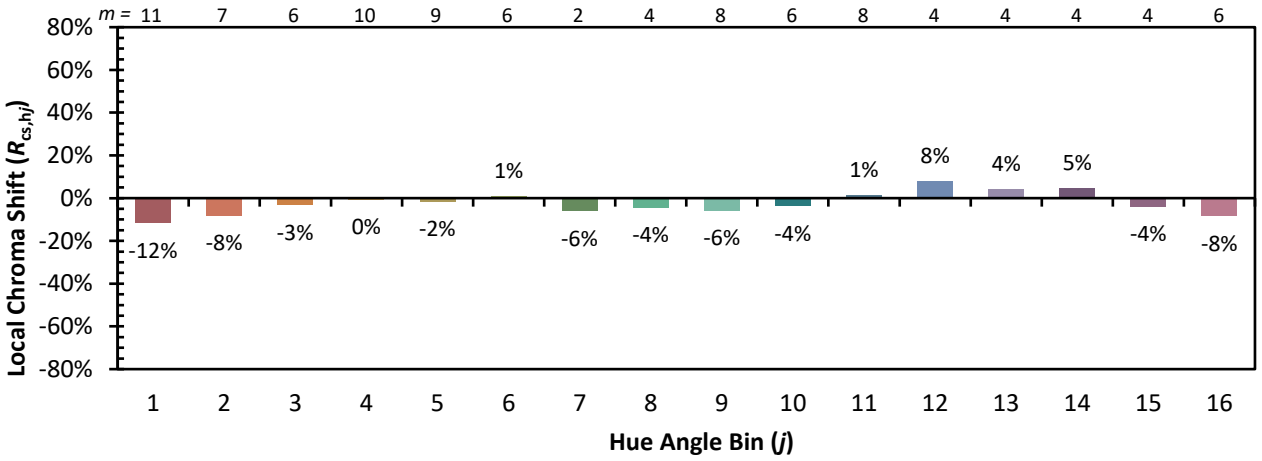
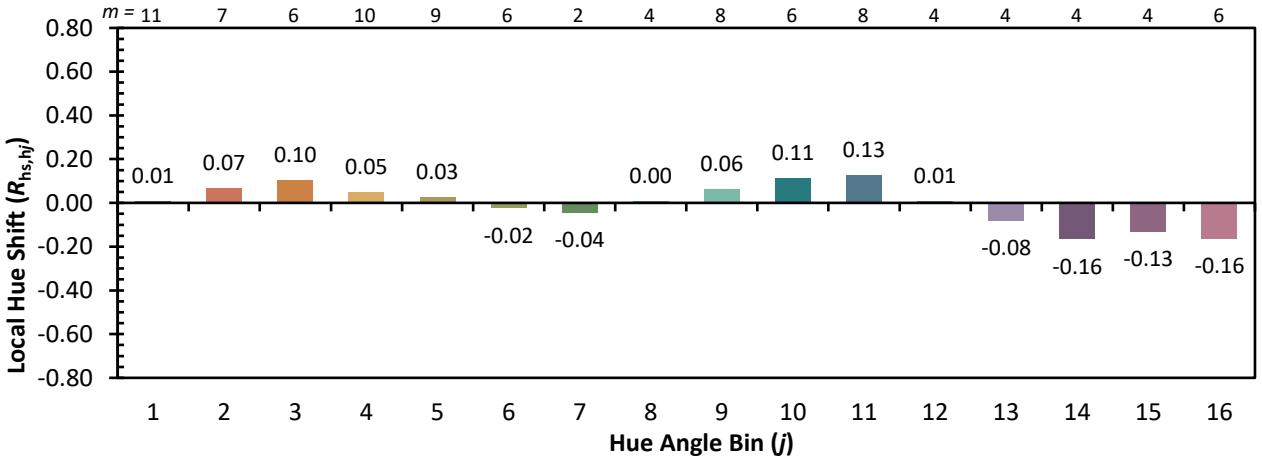
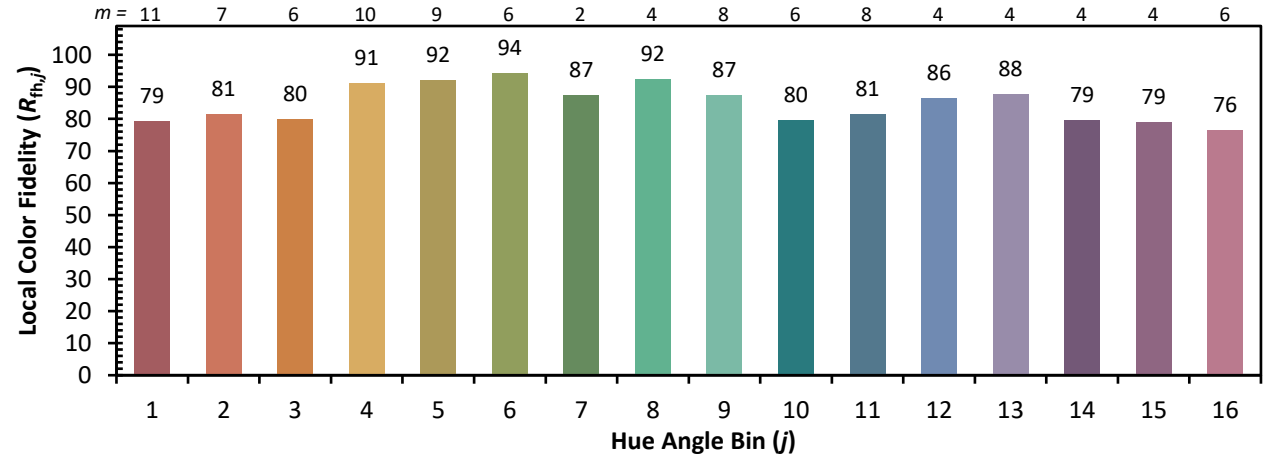
Color Rendition by Hue-Angle Bin







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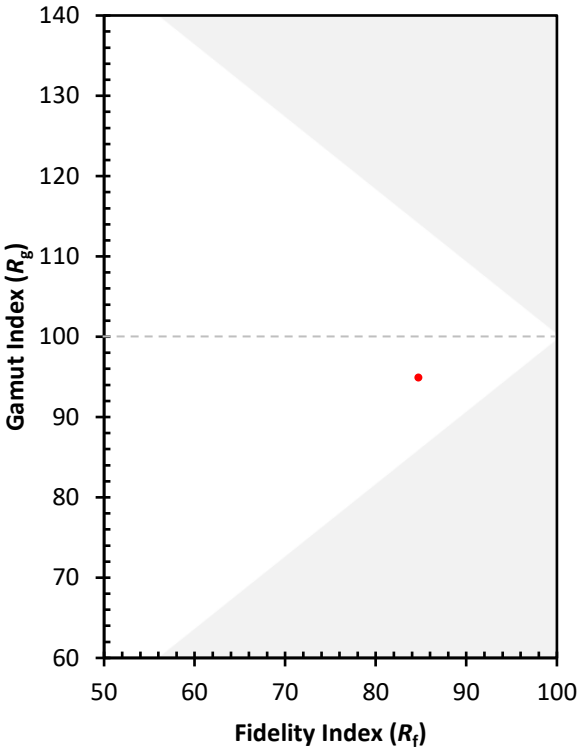
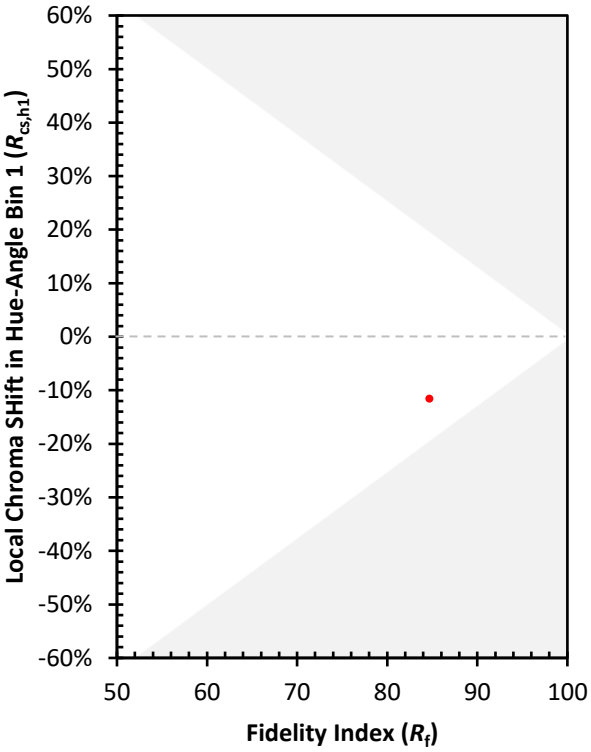
Measure Comparisons





(END OF REPORT)