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: P1211842

Luminaire Tested: **GKO-PB1E-830-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:	P1211842
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-T3
Description:	GEKKO WALL PACK 5000LM PACKAGE 80CRI 3000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(10) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4538.3 lumens
Efficiency:	N/A
Efficacy:	117.3 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: P1211842
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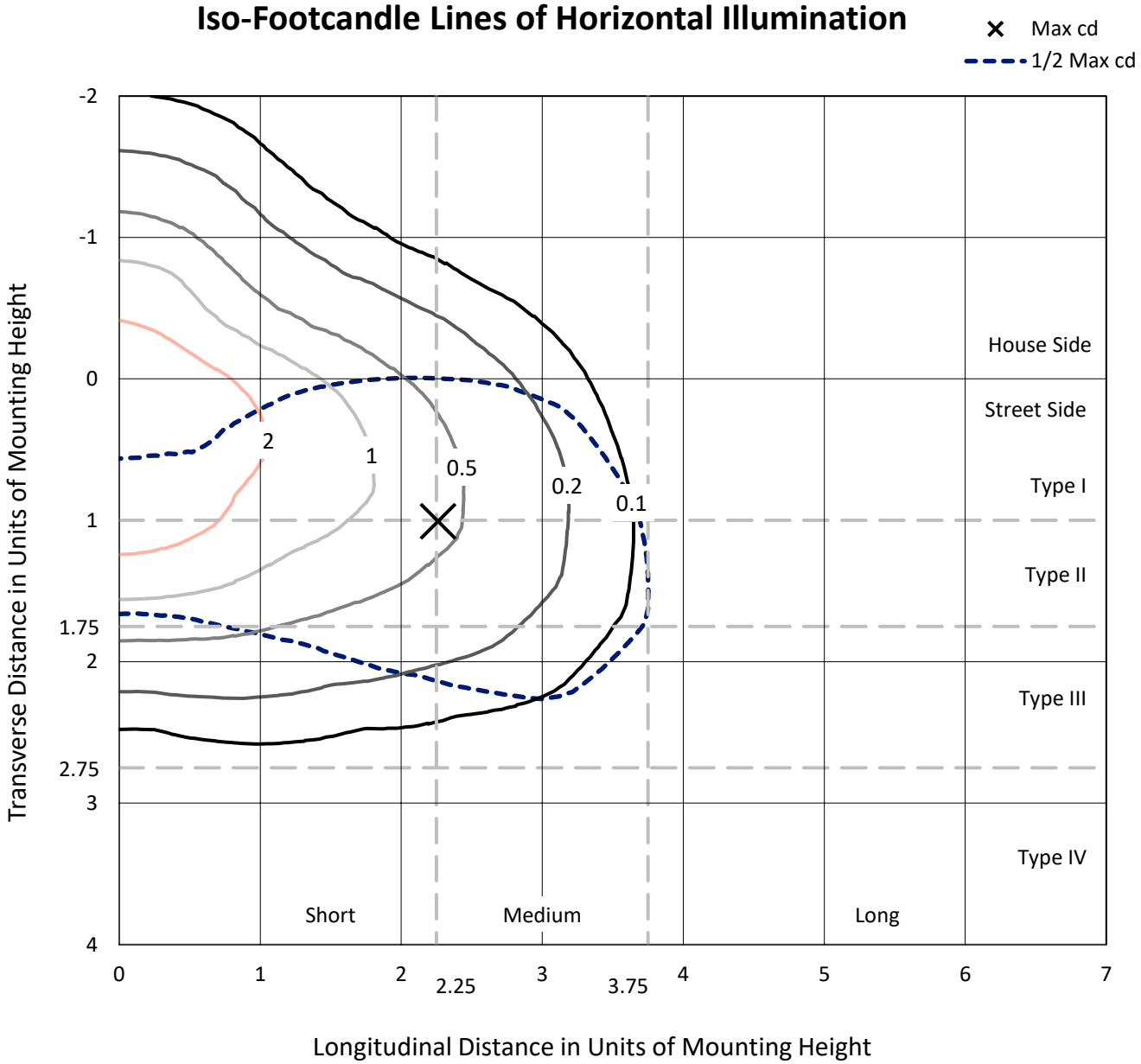
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 3.9 fc
Type III - Medium - N/A

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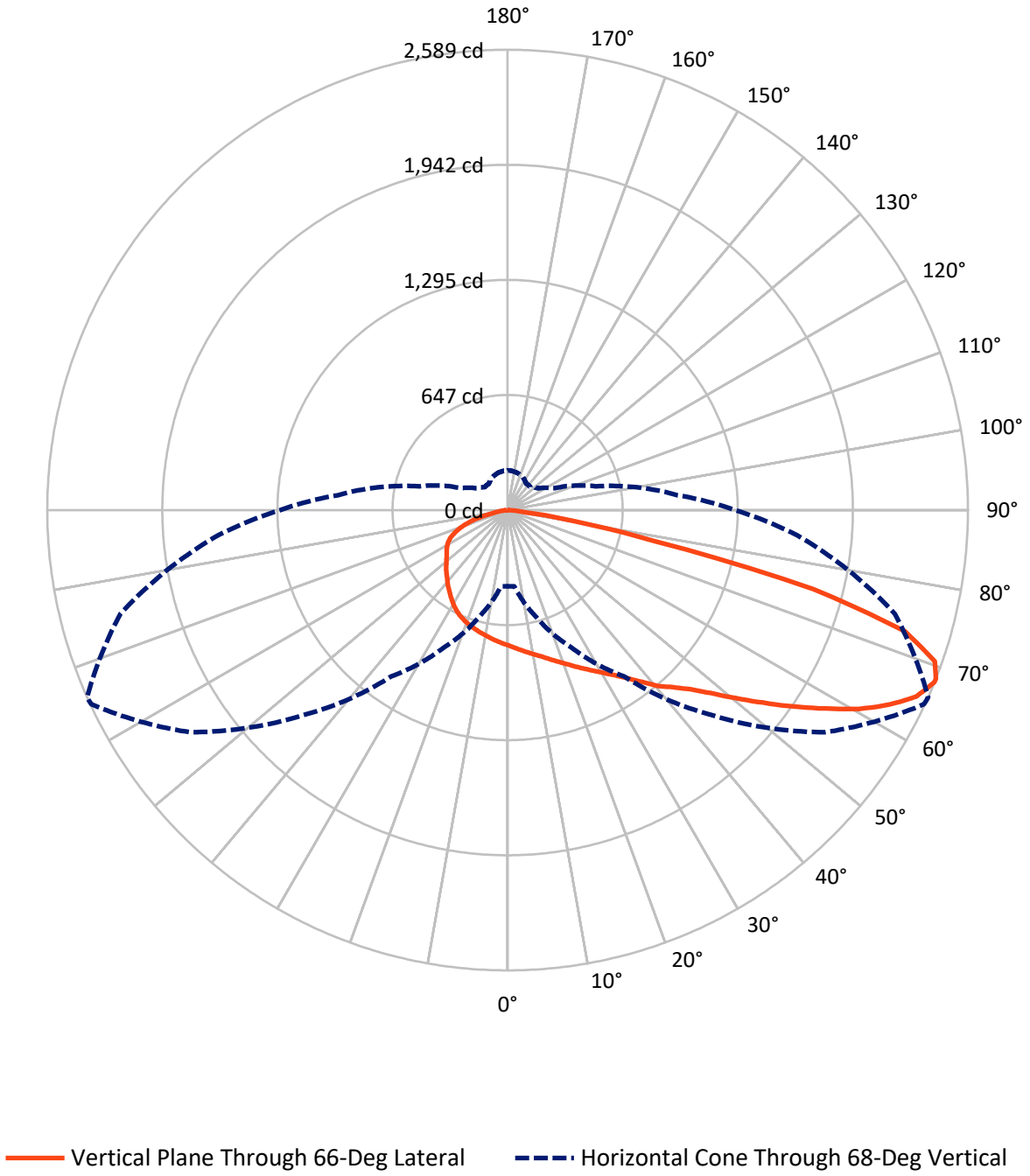
Luminous Intensity Polar Plot



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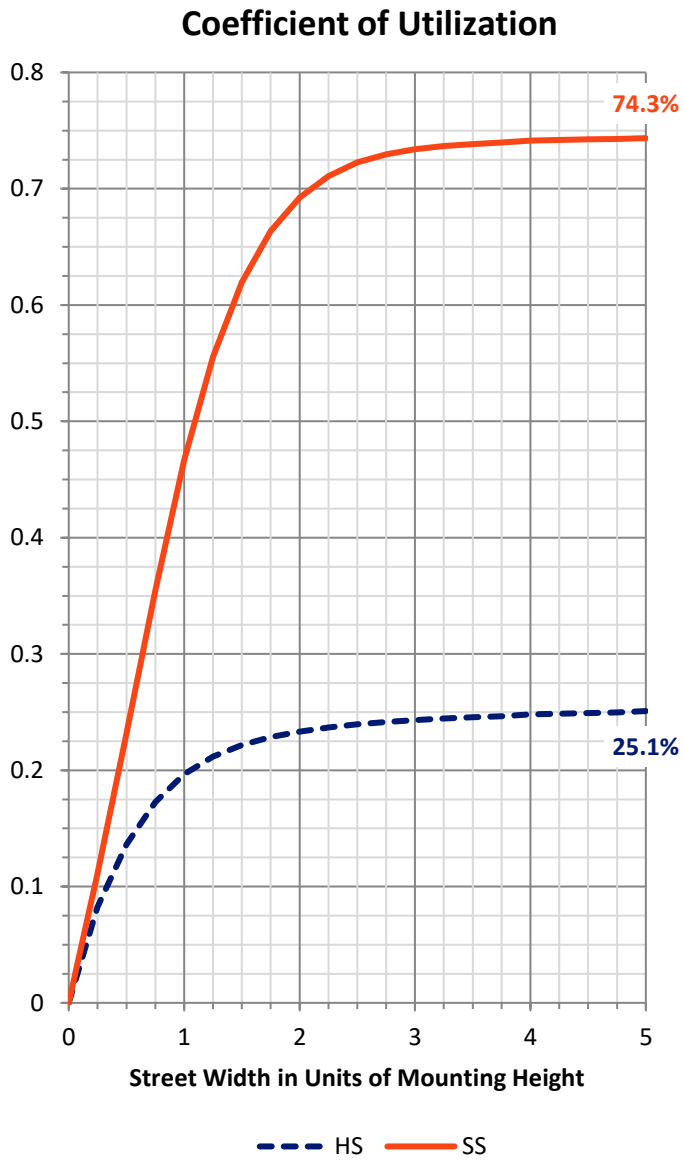
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1161.9	0.0	1161.9
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3376.4	0.0	3376.4
	% Fixture	74.4	0.0	74.4
Total	Lumens	4538.3	0.0	4538.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.0	1.6
10°-20°	219.5	4.8
20°-30°	378.2	8.3
30°-40°	586.7	12.9
40°-50°	803.8	17.7
50°-60°	958.8	21.1
60°-70°	960.8	21.2
70°-80°	508.4	11.2
80°-90°	49.1	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°	4538.3	100.0
0°-180°	4538.3	100.0



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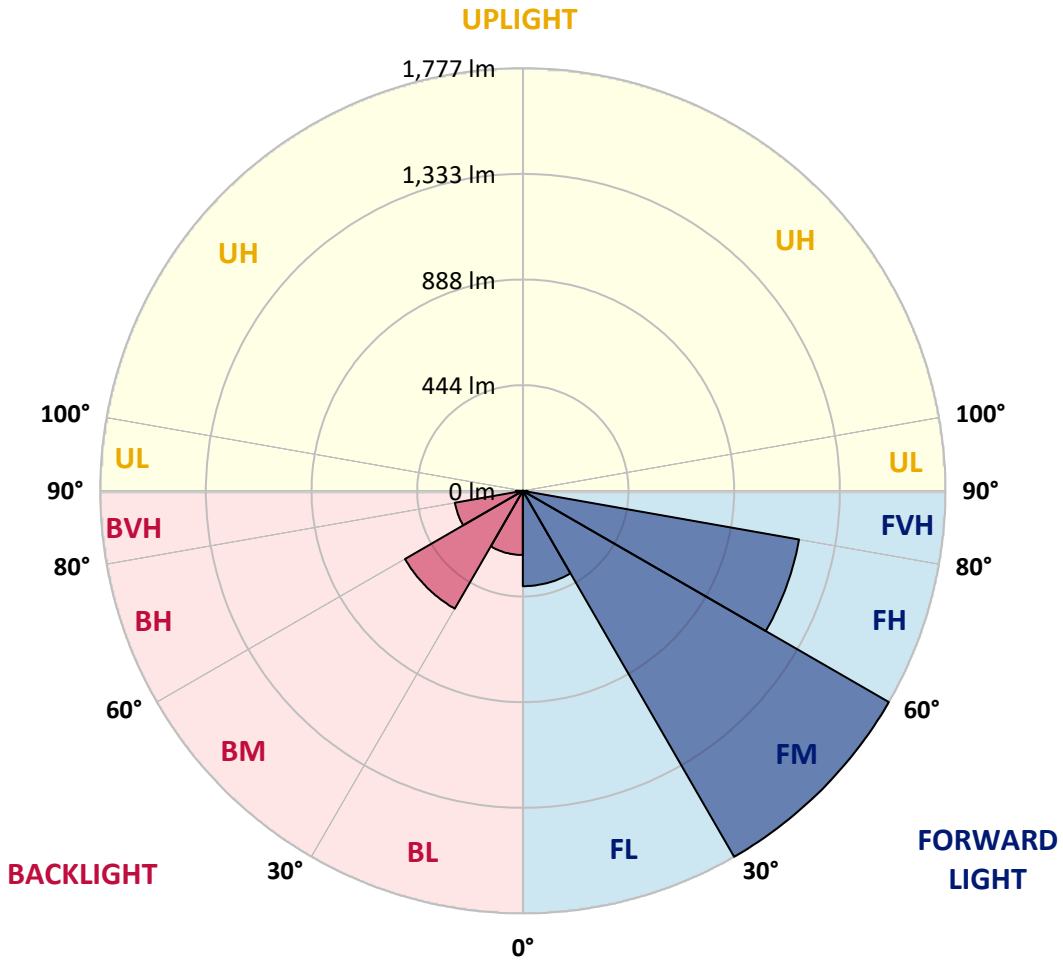
CATALOG NUMBER: GKO-PB1E-830-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	400.9	8.8			
FM	(30°-60°)	1777.0	39.2			
FH	(60°-80°)	1179.3	26.0			G1/1800
FVH	(80°-90°)	19.3	0.4			G1/100
BL	(0°-30°)	269.9	5.9	B1/500		
BM	(30°-60°)	572.3	12.6	B1/1000		
BH	(60°-80°)	289.9	6.4	B1/500		G1/500
BVH	(80°-90°)	29.8	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: P1211842
CATALOG NUMBER: GKO-PB1E-830-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	*761.2*	761.2	761.2
2.5°	792.9	792.9	791.1	790.2	789.4	784.1	780.5	776.1	*776.1*	769.1	762.9
5°	820.2	821.1	817.5	817.5	814.0	807.0	799.9	791.1	*791.1*	780.5	768.2
7.5°	844.0	846.6	843.1	843.1	839.6	831.6	820.2	807.9	*807.9*	792.9	775.3
10°	866.9	868.6	866.9	868.6	863.4	856.3	843.1	826.4	*825.5*	807.0	782.3
12.5°	885.4	887.1	888.0	890.7	886.3	881.0	868.6	847.5	*844.9*	822.8	791.1
15°	903.0	904.8	907.4	910.9	910.1	905.6	894.2	870.4	*868.6*	840.5	802.6
17.5°	917.1	918.0	923.3	930.3	932.1	933.0	920.6	896.0	*894.2*	860.7	814.9
20°	937.4	939.1	944.4	951.5	956.7	960.3	950.6	923.3	*921.5*	884.5	830.8
22.5°	983.2	980.5	983.2	983.2	985.8	991.1	984.1	956.7	*953.2*	912.7	850.1
25°	1069.5	1066.9	1059.8	1044.0	1026.3	1025.5	1017.5	991.1	*986.7*	941.8	868.6
27.5°	1190.2	1184.0	1170.8	1137.3	1095.1	1067.7	1055.4	1028.1	*1022.8*	970.8	886.3
30°	1317.9	1325.0	1303.0	1257.2	1179.6	1121.5	1097.7	1066.9	*1062.5*	1003.4	907.4
32.5°	1466.8	1467.7	1445.7	1382.3	1281.8	1189.3	1148.8	1110.9	*1107.4*	1041.3	935.6
35°	1553.2	1556.7	1547.0	1488.0	1373.4	1264.2	1210.5	1164.7	*1162.0*	1088.9	970.8
37.5°	1643.0	1651.0	1636.0	1570.8	1443.0	1333.8	1279.2	1229.0	*1226.3*	1143.5	1014.9
40°	1776.1	1772.5	1756.7	1660.6	1508.2	1391.9	1347.0	1307.4	*1301.2*	1210.5	1059.8
42.5°	1872.1	1880.9	1846.5	1738.2	1579.6	1450.1	1414.9	1369.9	*1362.0*	1251.0	1086.2
45°	1904.7	1896.7	1858.9	1779.6	1673.0	1502.9	1479.2	1444.8	*1436.9*	1322.3	1138.2
47.5°	1911.7	1897.6	1864.2	1804.2	1752.3	1571.7	1557.6	1549.6	*1538.2*	1412.2	1200.8
50°	1868.6	1858.9	1843.0	1813.1	1803.4	1636.0	1643.0	1672.1	*1662.4*	1509.1	1270.4
52.5°	1770.8	1766.4	1780.5	1799.8	1774.3	1691.5	1744.3	1803.4	*1799.8*	1615.7	1345.3
55°	1586.6	1586.6	1665.9	1733.8	1748.7	1727.6	1853.6	1954.9	*1950.5*	1735.5	1416.6
57.5°	1418.4	1421.0	1487.1	1639.5	1702.9	1766.4	1975.2	2113.5	*2106.4*	1870.3	1491.5
60°	1206.1	1206.1	1306.5	1497.7	1636.9	1796.3	2082.6	2266.8	*2271.2*	2000.7	1565.5
62.5°	955.0	957.6	1096.8	1321.5	1541.7	1801.6	2168.1	2411.2	*2410.4*	2118.8	1622.8
65°	703.9	704.8	894.2	1125.9	1399.0	1764.6	2214.8	2522.2	*2527.5*	2212.1	1656.2
67.5°	457.2	466.0	658.1	913.6	1197.3	1659.8	2190.1	2581.3	*2587.4*	2255.3	1645.7
68°	*428.2*	*429.9*	*622.9*	*855.4*	*1142.6*	*1633.3*	*2178.7*	*2583.9*	*2589.2*	*2254.4*	*1635.1*
70°	277.5	277.5	445.8	667.8	911.8	1468.6	2079.1	2542.5	*2548.7*	2215.7	1558.5
72.5°	149.8	152.4	254.6	404.4	622.9	1136.5	1876.5	2326.7	*2337.2*	2003.3	1362.9
75°	104.8	106.6	148.0	226.4	339.2	740.0	1466.8	1777.8	*1776.1*	1384.0	853.7
77.5°	75.8	75.8	84.6	141.0	178.0	338.3	725.9	856.3	*846.6*	675.7	430.8
80°	49.3	49.3	52.9	74.0	85.5	103.1	222.0	370.9	*377.9*	329.5	215.0
82.5°	20.3	21.1	22.9	30.0	30.8	43.2	63.4	106.6	*103.1*	83.7	60.8
85°	2.6	2.6	3.5	4.4	5.3	9.7	8.8	8.8	*8.8*	10.6	9.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.6	*2.6*	3.5	2.6
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

REPORT NUMBER: P1211842
CATALOG NUMBER: GKO-PB1E-830-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2	761.2
2.5°	761.2	761.2	755.9	750.6	745.3	740.9	734.7	730.3	731.2	733.9	733.0
5°	765.6	761.2	750.6	739.1	730.3	722.4	710.9	704.8	703.9	705.7	704.8
7.5°	768.2	761.2	745.3	727.7	713.6	703.0	687.2	681.0	678.4	679.2	679.2
10°	773.5	762.0	740.0	715.4	697.7	682.8	666.0	657.2	654.6	654.6	653.7
12.5°	779.7	763.8	734.7	704.8	681.9	664.3	644.9	635.2	632.5	632.5	631.7
15°	785.8	766.5	729.5	693.3	666.9	645.8	627.3	615.8	612.3	612.3	614.0
17.5°	793.8	769.1	724.2	682.8	651.0	627.3	607.9	596.4	592.0	594.7	596.4
20°	801.7	774.4	718.9	671.3	635.2	610.5	591.1	579.7	575.3	579.7	580.6
22.5°	813.1	778.8	712.7	658.1	619.3	592.0	574.4	563.8	561.2	565.6	569.1
25°	824.6	784.1	704.8	644.0	599.1	572.6	558.5	550.6	551.5	557.7	561.2
27.5°	836.9	788.5	696.9	626.4	577.0	552.4	541.8	540.0	543.6	550.6	555.0
30°	851.9	794.6	686.3	606.1	552.4	530.3	525.9	531.2	537.4	544.4	548.8
32.5°	871.3	802.6	675.7	583.2	526.8	506.6	513.6	525.1	532.1	539.2	543.6
35°	898.6	818.4	669.5	560.3	499.5	486.3	502.2	520.7	525.9	530.3	535.6
37.5°	930.3	839.6	666.9	539.2	474.8	468.7	490.7	512.7	514.5	516.3	521.5
40°	961.1	855.4	659.9	516.3	449.3	449.3	476.6	497.8	496.9	494.2	497.8
42.5°	973.5	853.7	639.6	494.2	429.0	429.9	454.6	474.8	469.6	469.6	474.8
45°	1008.7	867.8	624.6	476.6	410.5	407.0	426.4	442.3	451.1	462.5	467.8
47.5°	1053.7	887.1	613.2	456.3	392.9	381.5	392.0	418.5	433.4	445.8	450.2
50°	1100.3	909.2	602.6	435.2	375.3	352.4	357.7	386.7	400.0	406.1	408.8
52.5°	1147.9	929.4	594.7	417.6	355.0	318.0	329.5	356.8	366.5	370.0	371.8
55°	1190.2	946.2	587.6	402.6	332.1	290.7	299.5	327.7	334.8	338.3	340.9
57.5°	1235.1	964.7	583.2	388.5	306.6	266.9	273.1	298.7	308.3	311.9	314.5
60°	1274.8	982.3	579.7	373.5	282.8	245.8	249.3	274.0	284.6	286.3	289.0
62.5°	1301.2	993.7	574.4	355.0	260.8	225.5	226.4	250.2	261.7	263.4	265.2
65°	1308.3	991.1	558.5	330.4	238.7	205.3	205.3	228.2	240.5	246.7	249.3
67.5°	1287.1	969.1	525.1	298.7	217.6	186.8	186.8	207.0	220.2	227.3	229.9
68°	*1280.1*	*959.4*	*514.5*	*290.7*	*212.3*	*182.4*	*182.4*	*203.5*	*215.8*	*222.0*	*223.8*
70°	1220.2	911.8	466.0	260.8	195.6	169.1	169.1	187.6	200.9	200.9	200.0
72.5°	1059.8	790.2	383.2	218.5	170.9	149.8	152.4	170.0	174.4	178.8	178.0
75°	656.3	473.1	257.2	172.7	143.6	131.3	136.6	152.4	155.1	164.7	162.1
77.5°	328.6	231.7	136.6	100.4	111.0	112.8	122.5	133.9	141.8	152.4	145.4
80°	162.1	112.8	80.2	62.5	65.2	82.8	106.6	115.4	129.5	136.6	130.4
82.5°	44.9	34.4	32.6	34.4	48.5	64.3	83.7	102.2	120.7	126.9	118.1
85°	7.9	6.2	5.3	16.7	33.5	47.6	67.8	90.7	108.4	104.0	97.8
87.5°	2.6	1.8	1.8	10.6	24.7	38.8	58.1	81.1	92.5	83.7	74.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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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

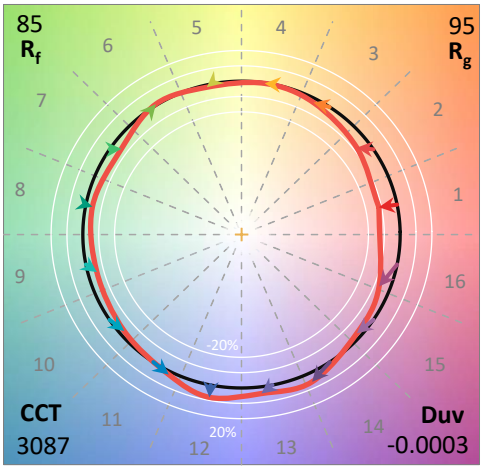
Test Information

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

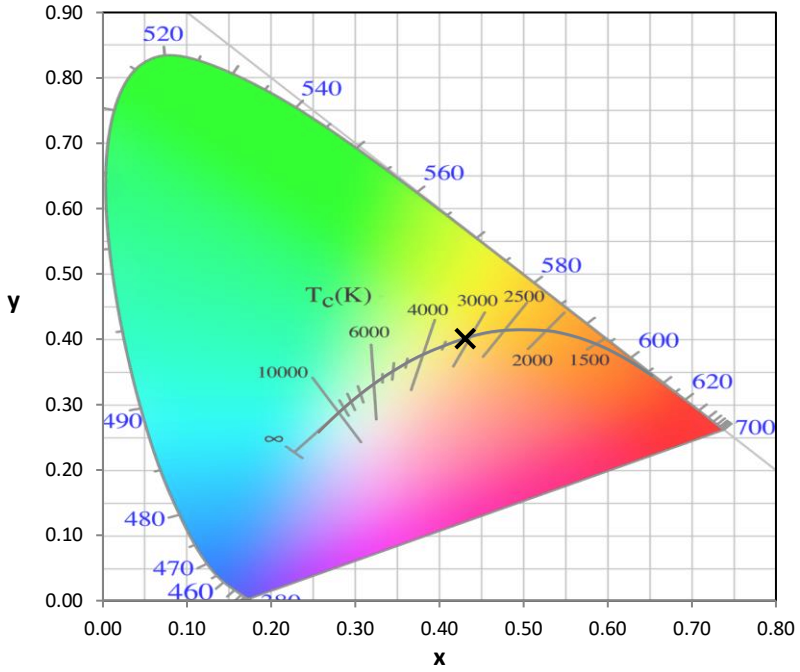
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2511-595-4

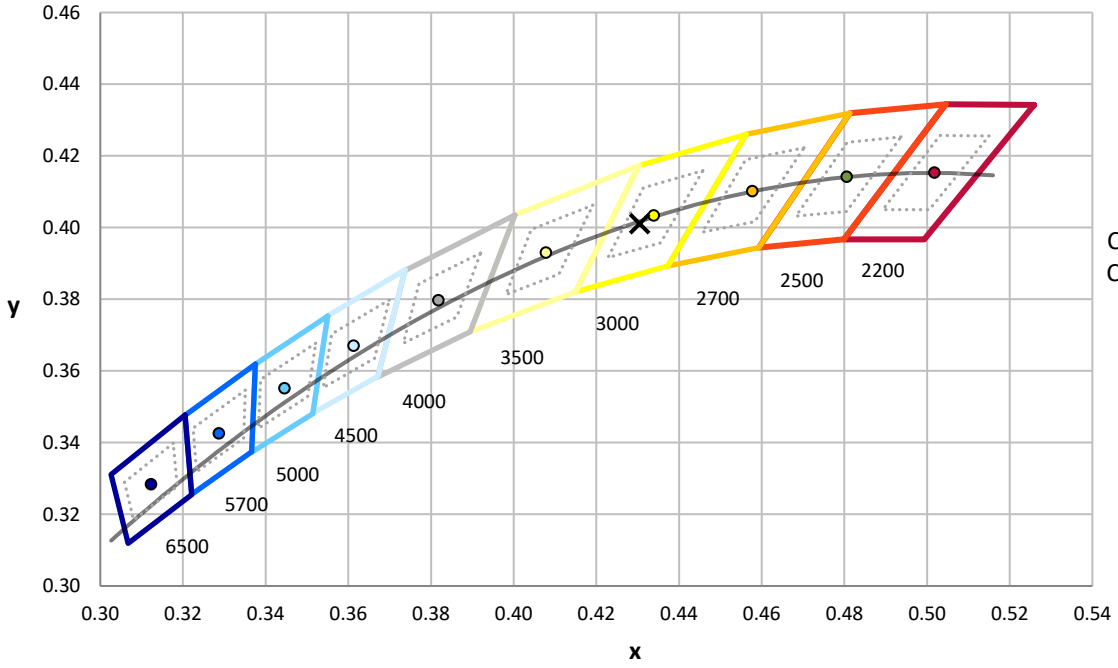
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534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

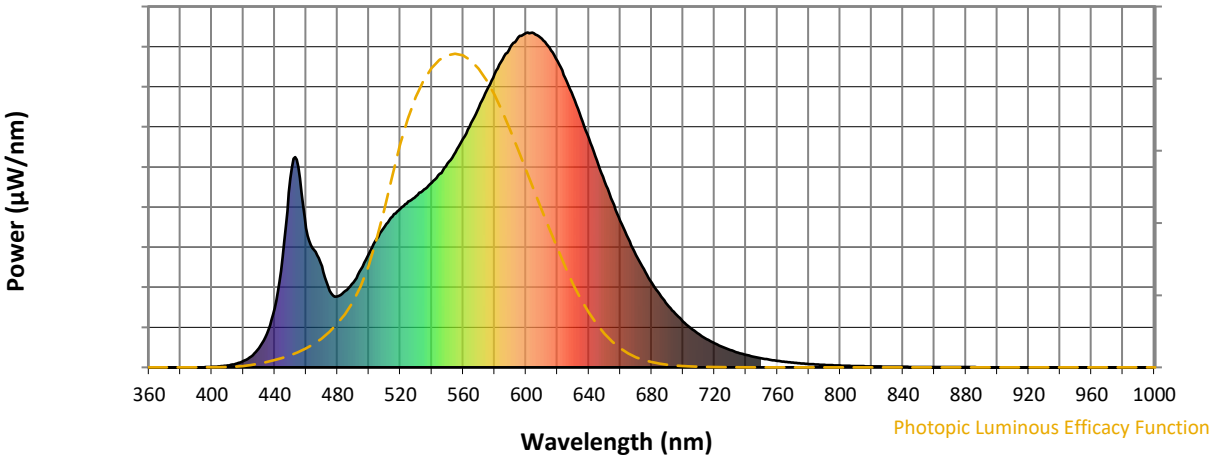


CCT = 3087K
CIE x = 0.4305
CIE y = 0.4010
Duv = -0.0003

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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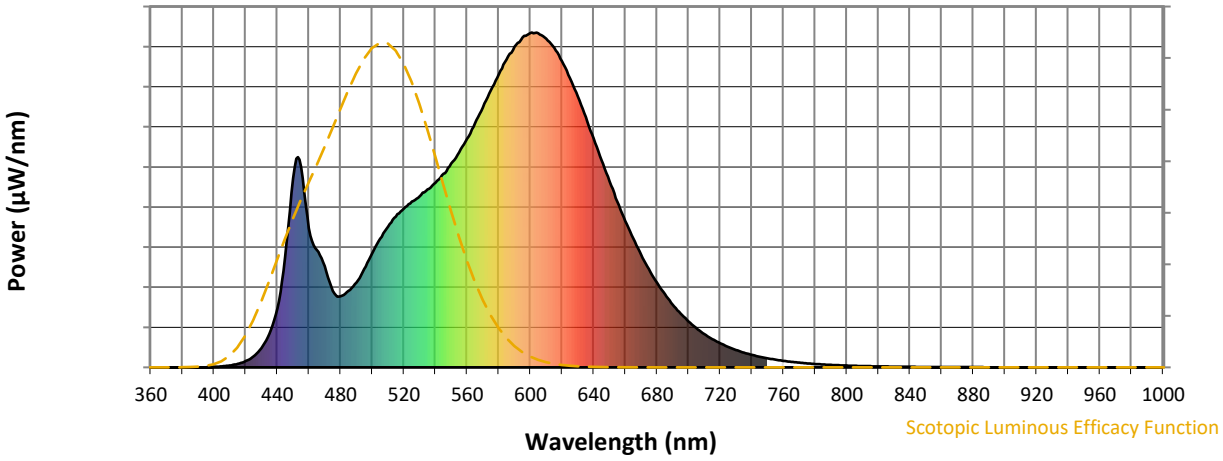
Scotopic Flux vs. Wavelength



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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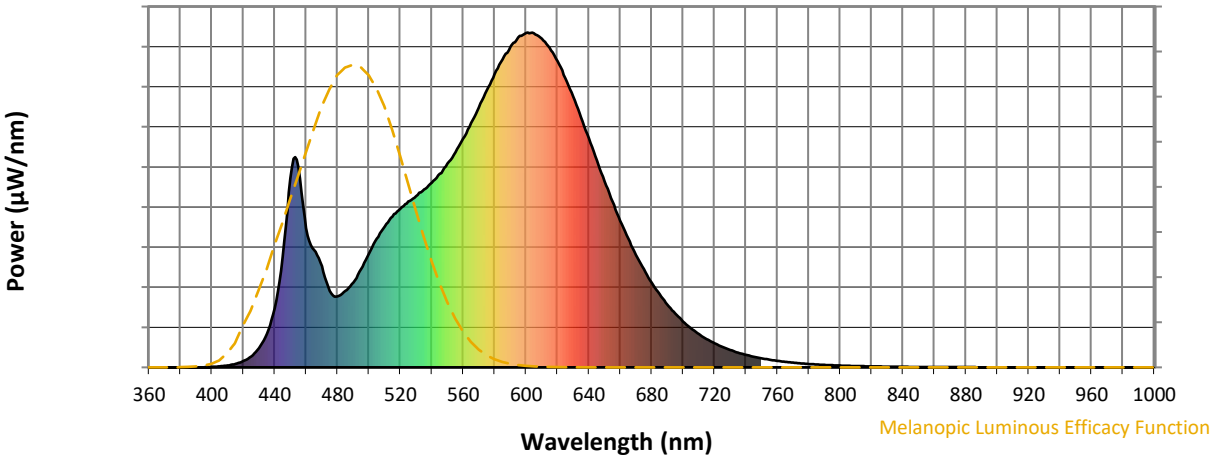
Melanopic Flux vs. Wavelength



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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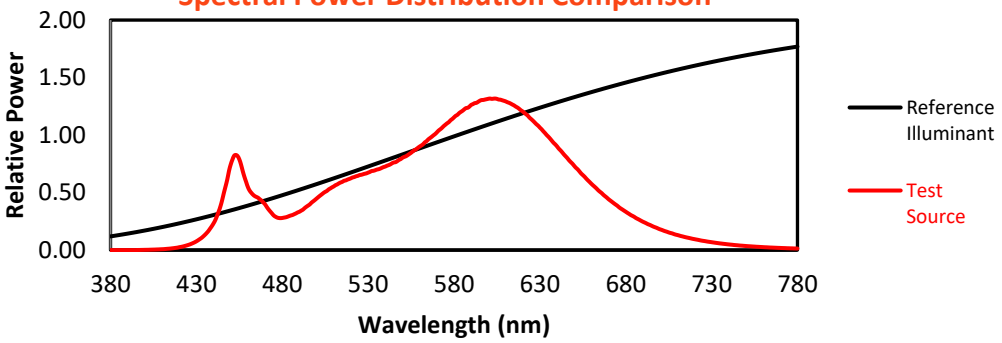
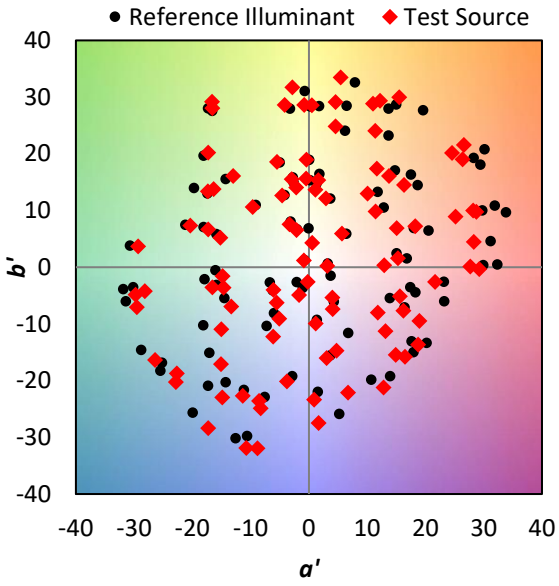
Summary

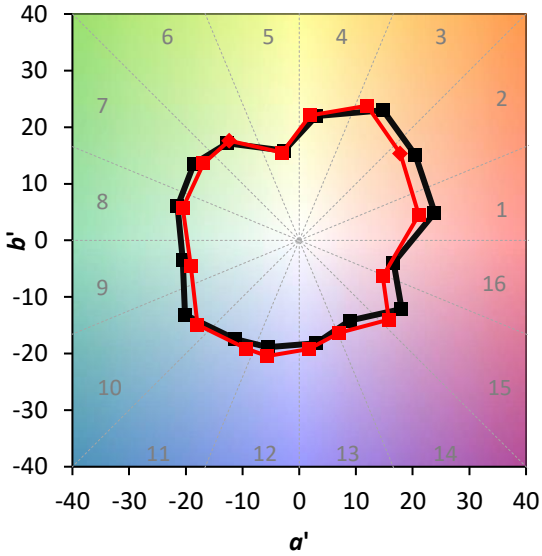
R_f = 84.7
R_g = 94.9
CIE R_a = 82.7
R_9 = 5.8

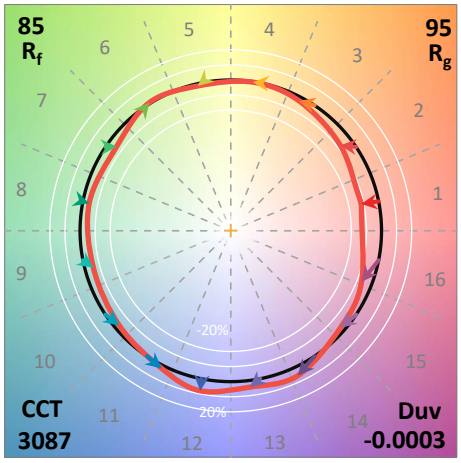
Spectral Power Distribution Comparison

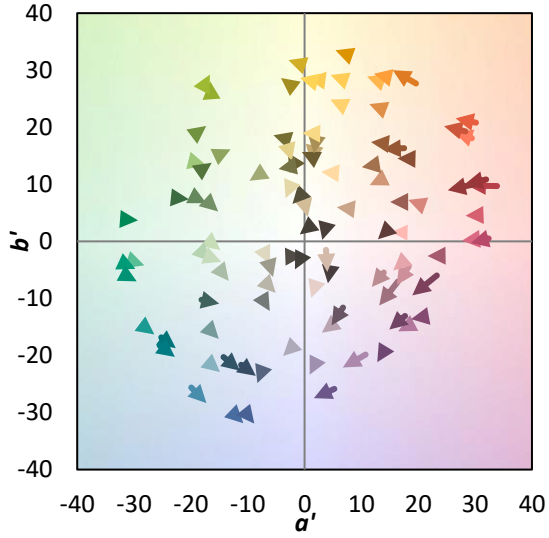


Color Vector Graphics









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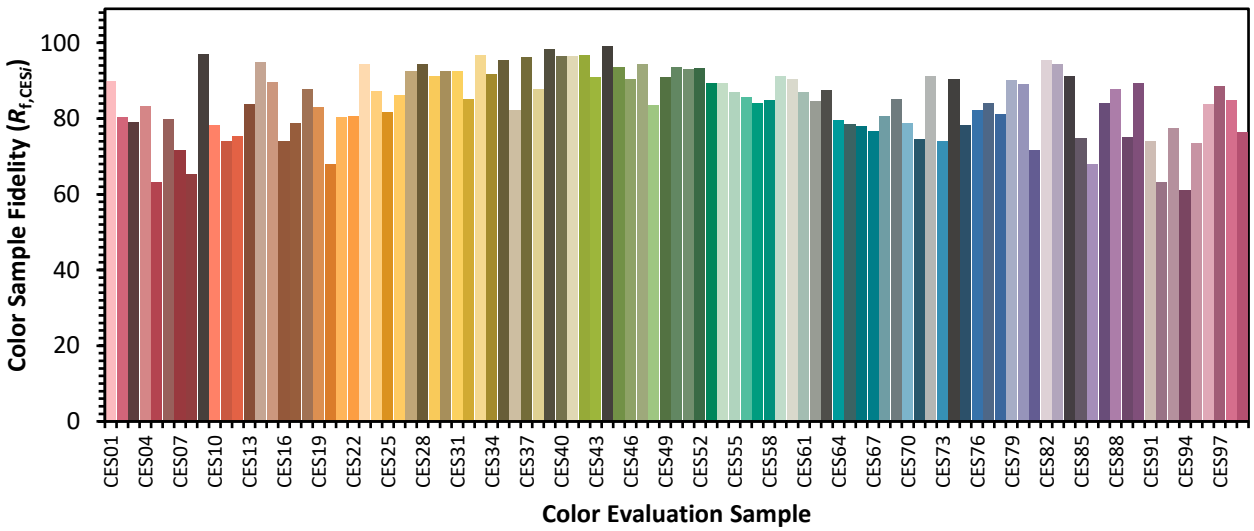
Individual Sample Fidelity Index ($R_{f,i}$)

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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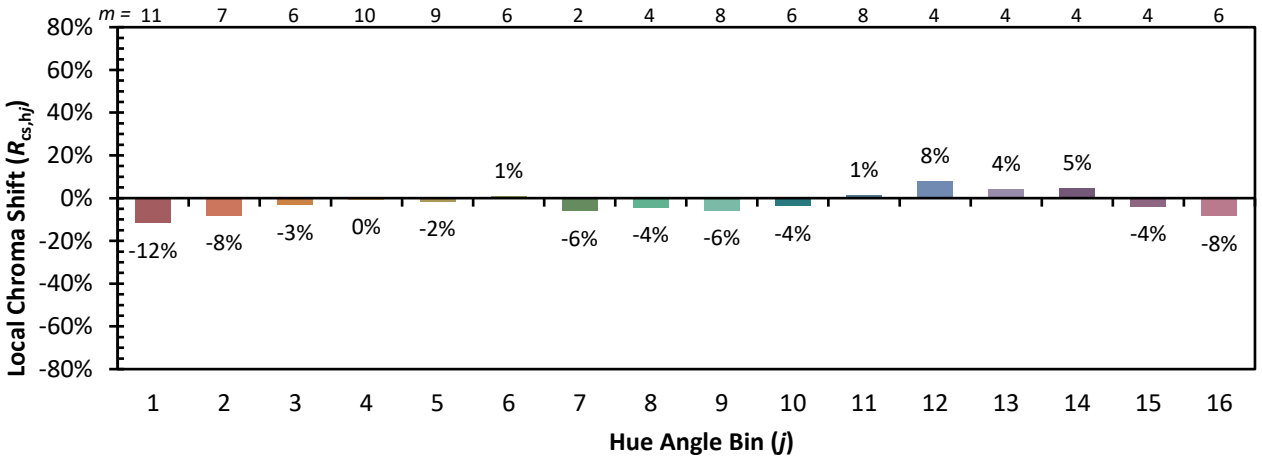
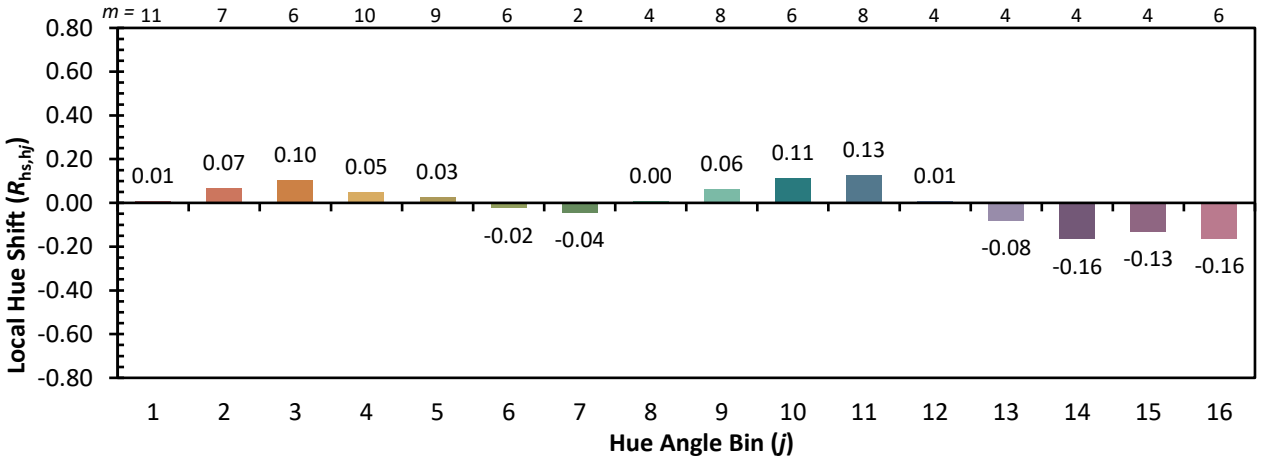
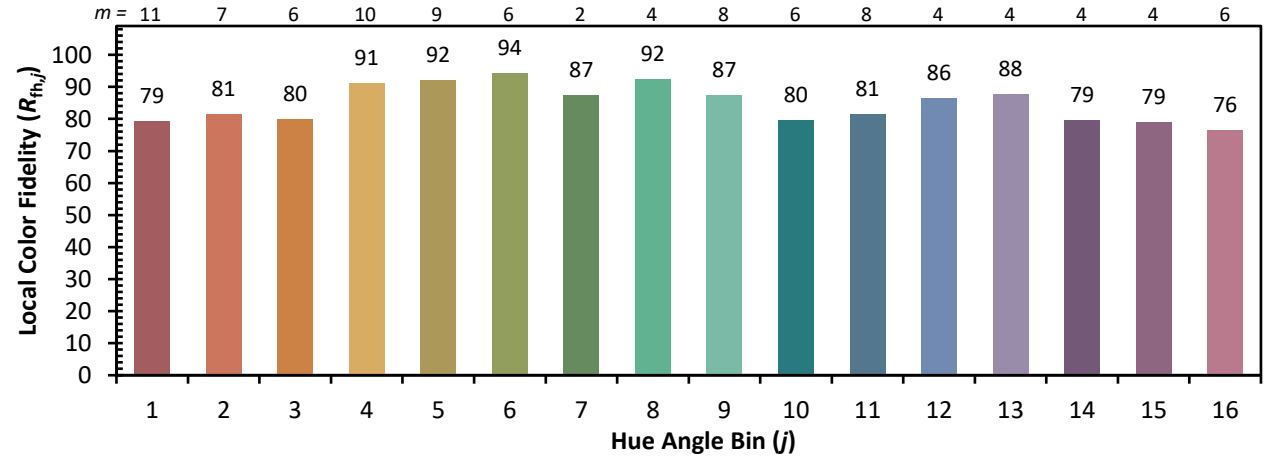
Color Rendition by Hue-Angle Bin







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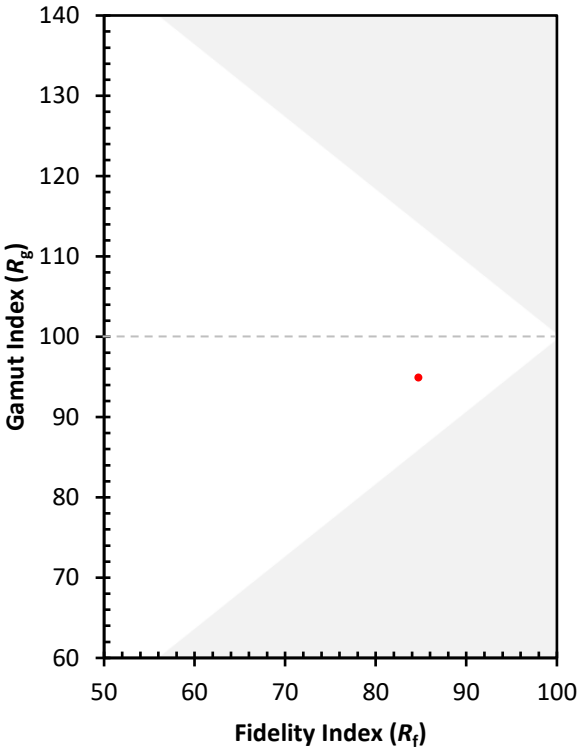
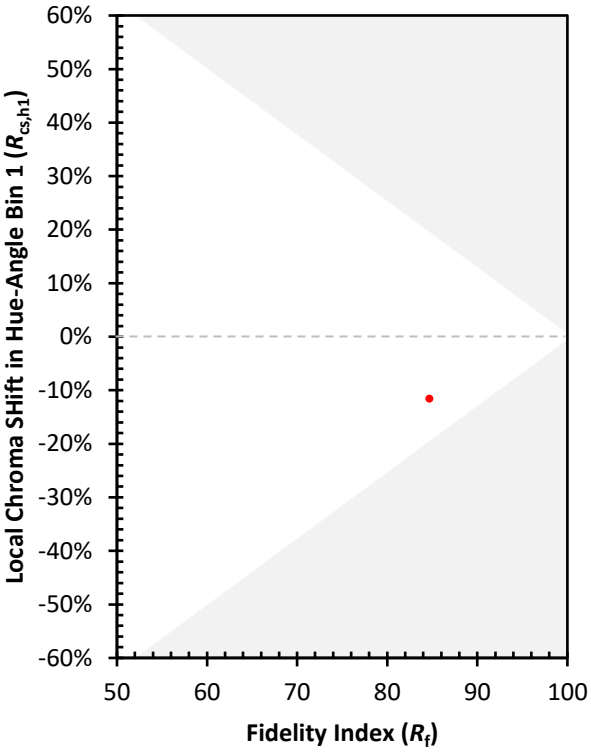
Measure Comparisons





(END OF REPORT)