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: P972400

Luminaire Tested: **GKO-PB2B-722-U-T1**

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:	P972400
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2B-722-U-T1
Description:	GEKKO WALL PACK 6000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE I DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5546.5 lumens
Efficiency:	N/A
Efficacy:	132.7 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type I - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	41.8
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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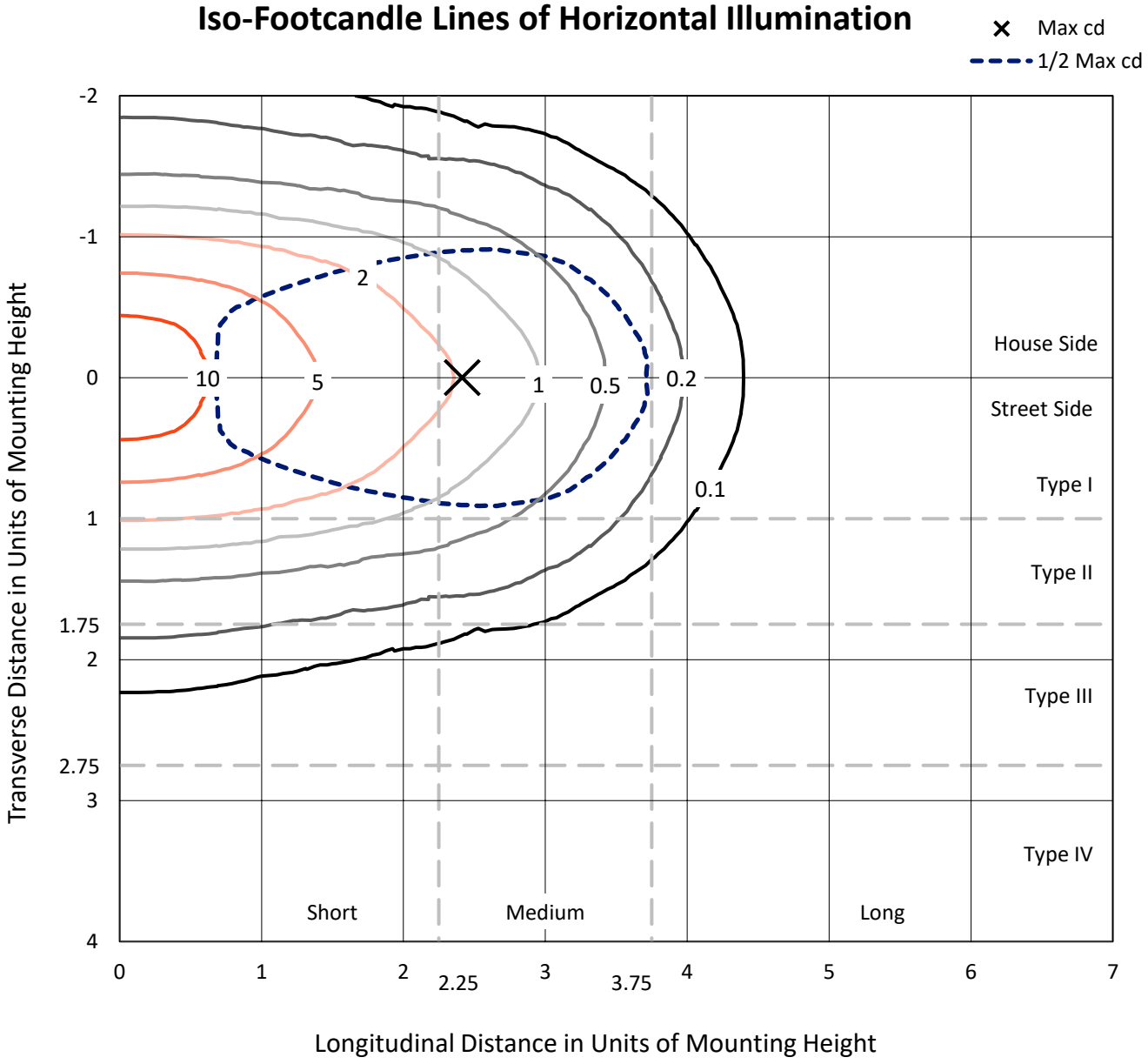
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 13.8 fc
Type I - Short - N/A

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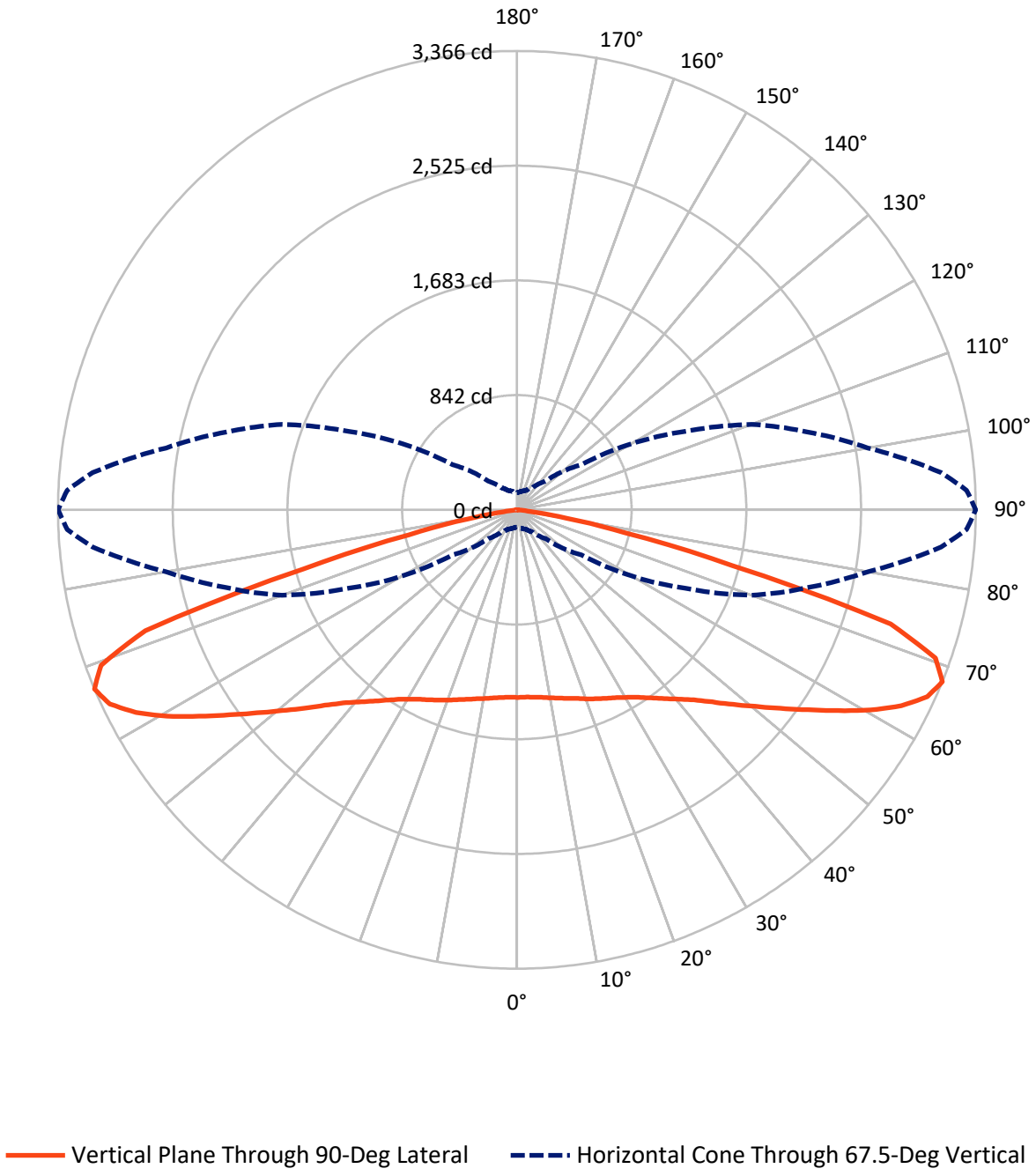
Luminous Intensity Polar Plot



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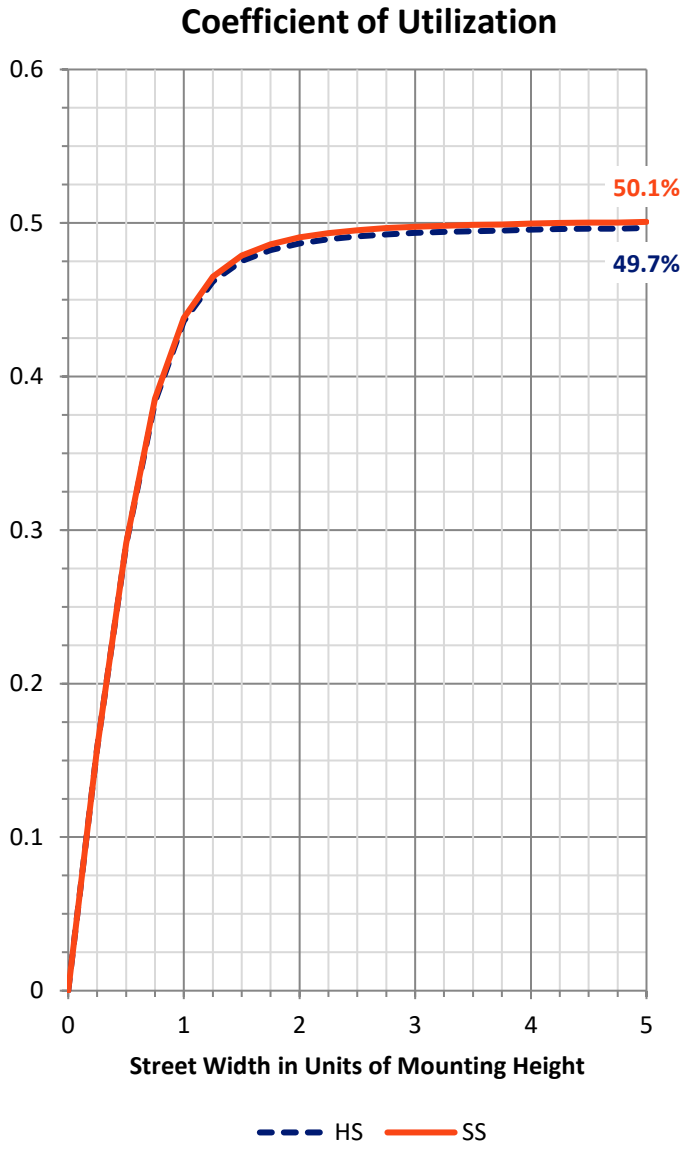
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2773.3	0.0	2773.3
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2773.3	0.0	2773.3
	% Fixture	50.0	0.0	50.0
Total	Lumens	5546.5	0.0	5546.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.0	2.4
10°-20°	397.8	7.2
20°-30°	661.4	11.9
30°-40°	878.6	15.8
40°-50°	990.6	17.9
50°-60°	1018.6	18.4
60°-70°	962.6	17.4
70°-80°	471.2	8.5
80°-90°	33.7	0.6
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°	5546.5	100.0
0°-180°	5546.5	100.0



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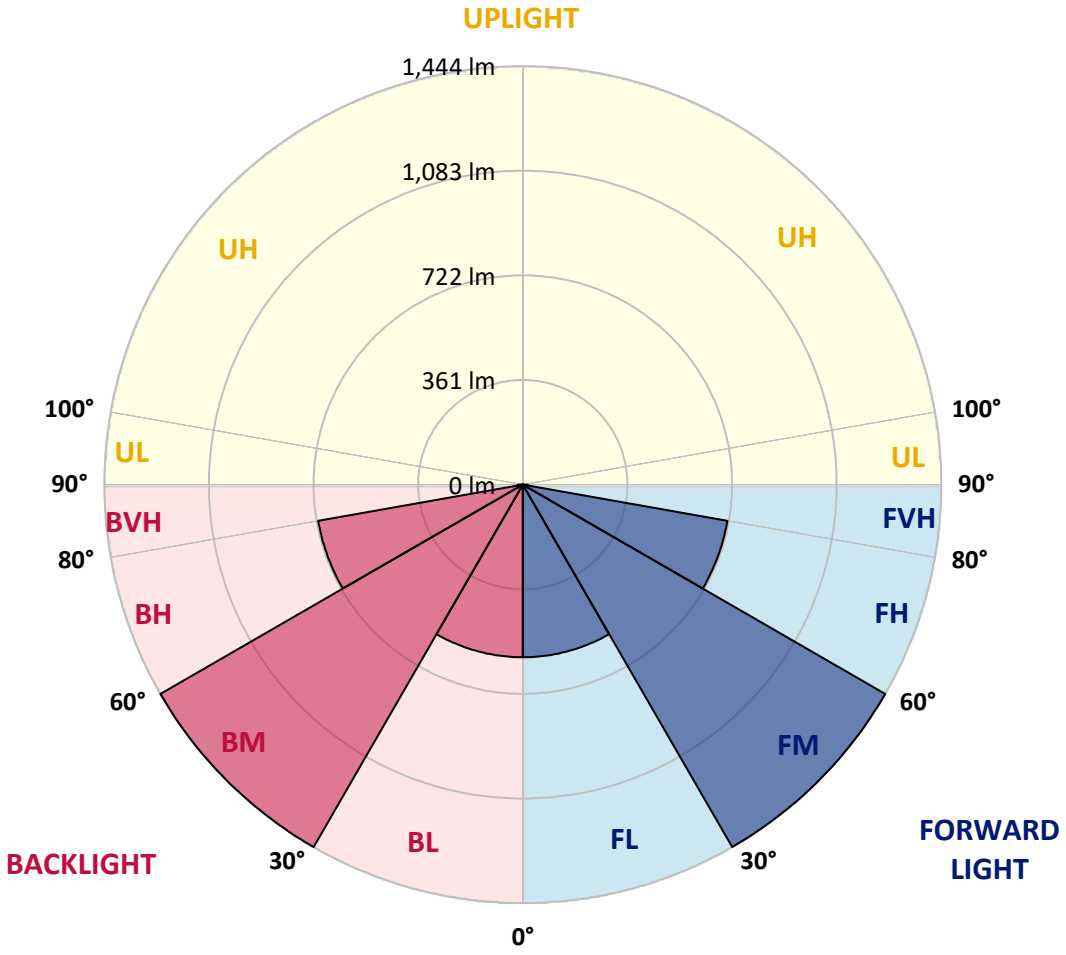
REPORT NUMBER: P972400
CATALOG NUMBER: GKO-PB2B-722-U-T1

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	595.6	10.7			
FM	(30°-60°)	1443.9	26.0			
FH	(60°-80°)	716.9	12.9			G1/1800
FVH	(80°-90°)	16.9	0.3			G1/100
BL	(0°-30°)	595.6	10.7	B2/1000		
BM	(30°-60°)	1443.9	26.0	B2/2500		
BH	(60°-80°)	716.9	12.9	B2/1000		G2/1000
BVH	(80°-90°)	16.9	0.3			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 I Short



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Scaled Data Report

REPORT NUMBER: P972400
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	75°	80°
0°	1376.3	1376.3	1376.3	1376.3	1376.3	1376.3	1376.3	1376.3	1376.3	1376.3	1376.3
2.5°	1377.3	1379.4	1375.3	1375.3	1377.3	1378.4	1378.4	1379.4	1377.3	1377.3	1376.3
5°	1377.3	1378.4	1376.3	1376.3	1378.4	1381.4	1380.4	1382.5	1382.5	1381.4	1381.4
7.5°	1376.3	1378.4	1376.3	1377.3	1380.4	1386.5	1386.5	1386.5	1388.6	1390.6	1390.6
10°	1375.3	1377.3	1378.4	1379.4	1383.5	1392.7	1394.7	1395.8	1398.8	1401.9	1401.9
12.5°	1370.2	1372.2	1375.3	1379.4	1386.5	1398.8	1402.9	1406.0	1411.1	1414.2	1416.2
15°	1363.0	1364.1	1371.2	1379.4	1390.6	1406.0	1414.2	1419.3	1426.4	1430.5	1433.6
17.5°	1352.8	1353.8	1365.1	1377.3	1393.7	1415.2	1428.5	1436.7	1443.8	1449.9	1454.0
20°	1339.5	1342.6	1355.9	1375.3	1398.8	1424.4	1443.8	1458.1	1465.3	1471.4	1477.6
22.5°	1323.2	1326.2	1342.6	1370.2	1403.9	1436.7	1462.2	1480.6	1489.8	1498.0	1505.2
25°	1298.6	1302.7	1322.1	1357.9	1406.0	1449.9	1482.7	1506.2	1514.4	1524.6	1530.7
27.5°	1260.8	1263.8	1287.4	1333.4	1399.8	1464.3	1506.2	1533.8	1543.0	1554.2	1560.4
30°	1201.5	1207.6	1236.2	1293.5	1384.5	1475.5	1533.8	1561.4	1572.6	1583.9	1592.1
32.5°	1124.8	1134.0	1165.7	1239.3	1354.8	1479.6	1563.4	1595.1	1609.5	1621.7	1632.0
35°	1029.7	1038.9	1076.7	1169.8	1307.8	1471.4	1593.1	1634.0	1651.4	1667.7	1680.0
37.5°	921.3	929.5	975.5	1081.8	1240.3	1445.9	1616.6	1676.9	1700.5	1721.9	1738.3
40°	811.9	821.1	871.2	984.7	1158.5	1396.8	1626.8	1724.0	1753.6	1781.2	1801.7
42.5°	693.3	704.5	760.8	881.4	1063.4	1329.3	1618.7	1770.0	1806.8	1844.6	1875.3
45°	588.0	590.0	651.4	767.9	959.1	1242.4	1590.0	1814.0	1864.1	1917.2	1961.2
47.5°	486.7	490.8	544.0	659.5	850.7	1144.2	1537.9	1848.7	1928.5	1997.0	2061.4
50°	396.7	401.9	449.9	553.2	742.4	1036.8	1467.3	1869.2	1983.7	2076.8	2166.7
52.5°	323.1	329.3	369.1	460.1	632.9	924.4	1380.4	1872.2	2033.8	2156.5	2276.1
55°	268.9	273.0	303.7	376.3	527.6	807.8	1281.2	1856.9	2066.5	2228.1	2387.6
57.5°	227.0	231.1	252.6	309.8	432.5	688.2	1160.6	1821.1	2083.9	2290.5	2500.1
60°	197.3	200.4	215.8	256.7	355.8	575.7	1030.7	1757.7	2078.8	2329.3	2593.1
62.5°	175.9	176.9	190.2	218.8	293.5	469.3	884.5	1662.6	2036.9	2334.4	2656.5
65°	156.4	157.5	165.6	186.1	241.3	377.3	732.1	1531.7	1957.1	2298.6	2665.7
67.5°	*126.8*	*128.8*	*141.1*	*156.4*	*198.4*	*298.6*	*576.7*	*1360.0*	*1832.4*	*2205.6*	*2613.6*
70°	101.2	102.3	114.5	131.9	161.6	235.2	442.8	1128.9	1637.1	2054.3	2478.6
72.5°	75.7	77.7	89.0	106.3	131.9	182.0	320.1	853.8	1308.8	1732.2	2158.6
75°	60.3	61.4	65.4	81.8	102.3	138.0	215.8	517.4	788.4	1071.6	1323.2
77.5°	51.1	52.1	52.1	63.4	75.7	93.1	114.5	205.5	333.3	474.5	628.9
80°	41.9	44.0	39.9	47.0	54.2	54.2	53.2	98.2	157.5	222.9	292.4
82.5°	30.7	32.7	30.7	32.7	32.7	29.7	27.6	36.8	50.1	68.5	74.6
85°	21.5	22.5	24.5	22.5	21.5	17.4	13.3	10.2	6.1	7.2	10.2
87.5°	14.3	17.4	20.5	19.4	16.4	13.3	9.2	6.1	3.1	4.1	4.1
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: P972400
CATALOG NUMBER: GKO-PB2B-722-U-T1

CANDELA DISTRIBUTION (continued):

	85°	87.5°	90°
0°	1376.3	1376.3	*1376.3*
2.5°	1377.3	1376.3	*1375.3*
5°	1382.5	1381.4	*1380.4*
7.5°	1389.6	1389.6	*1389.6*
10°	1400.9	1402.9	*1402.9*
12.5°	1415.2	1417.2	*1417.2*
15°	1432.6	1433.6	*1435.6*
17.5°	1454.0	1455.1	*1455.1*
20°	1479.6	1478.6	*1480.6*
22.5°	1505.2	1505.2	*1505.2*
25°	1531.7	1531.7	*1531.7*
27.5°	1562.4	1562.4	*1560.4*
30°	1596.2	1596.2	*1596.2*
32.5°	1637.1	1638.1	*1639.1*
35°	1689.2	1691.3	*1694.3*
37.5°	1748.5	1753.6	*1756.7*
40°	1819.1	1821.1	*1826.2*
42.5°	1897.8	1903.9	*1905.0*
45°	1996.0	2006.2	*2010.3*
47.5°	2111.5	2125.8	*2133.0*
50°	2240.4	2256.7	*2266.9*
52.5°	2380.4	2407.0	*2419.3*
55°	2529.7	2575.7	*2589.0*
57.5°	2698.5	2760.8	*2779.2*
60°	2864.1	2952.0	*2981.7*
62.5°	3005.2	3128.9	*3165.7*
65°	3104.4	3253.7	*3307.9*
67.5°	*3124.8*	*3301.7*	*3366.2*
70°	3002.1	3183.1	*3257.8*
72.5°	2610.5	2774.1	*2867.2*
75°	1542.0	1659.6	*1630.9*
77.5°	774.1	807.8	*812.9*
80°	339.5	359.9	*368.1*
82.5°	83.8	85.9	*97.1*
85°	11.2	13.3	*12.3*
87.5°	4.1	4.1	*5.1*
90°	0.0	0.0	*0.0*

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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: SP2-2501-321-2

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-722-U-T4W

Data in this report applies to families of products including GKO-PB1E-722-U-T4W

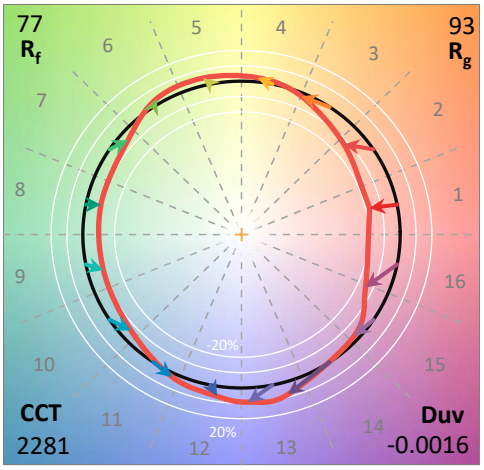
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-2
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-722-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2281	CRI (Ra):	70.6		
CIE u':	0.2851	R1:	68.4	R9:	-35.1
CIE v':	0.5324	R2:	88.7	R10:	78.0
Duv:	-0.0016	R3:	85.7	R11:	60.2
CIE x:	0.4942	R4:	63.2	R12:	73.8
CIE y:	0.4102	R5:	69.0	R13:	72.8
CIE z:	0.0956	R6:	88.6	R14:	92.4
Peak Wavelength (nm):	602	R7:	68.8	R15:	58.4
Dominant Wavelength (nm):	587	R8:	32.6		
Purity:	71.48321				
Rf:	76.9				
Rg:	92.6				



Test Conditions

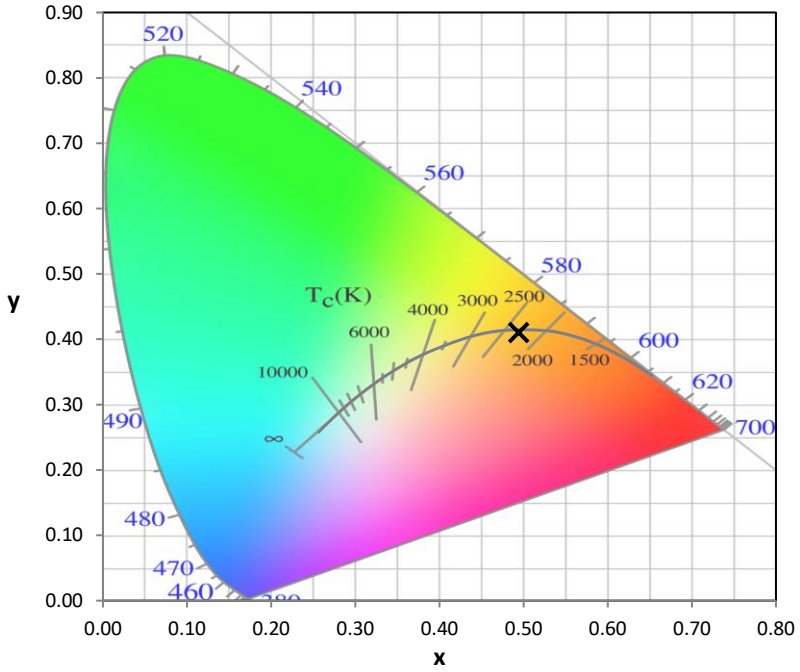
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

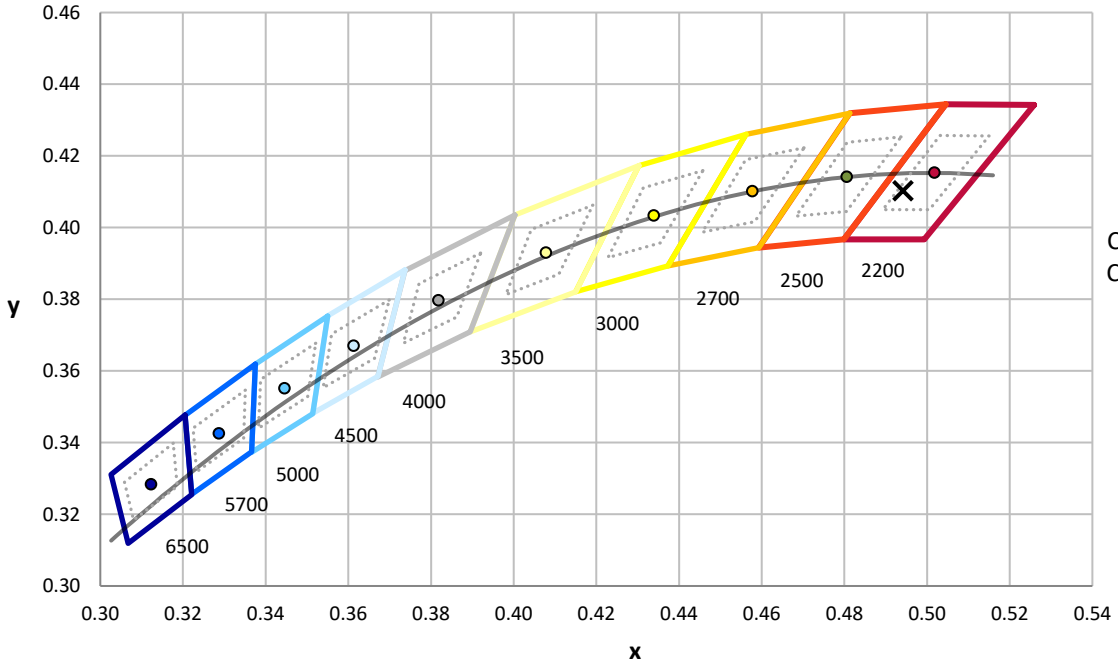
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-2

CIE 1931 Chromaticity Diagram



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

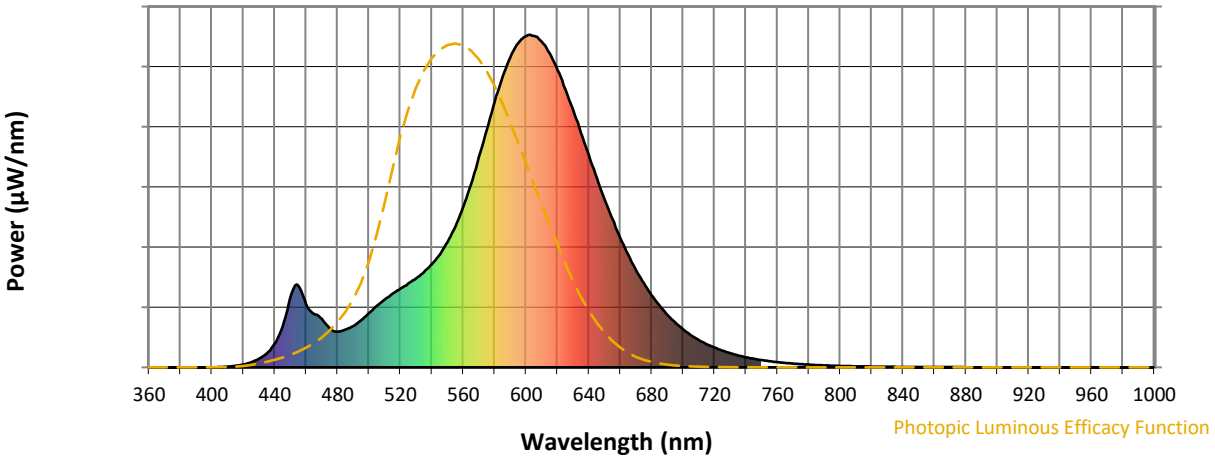


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

Point lies inside the ANSI 2200K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-2

Photopic Flux vs. Wavelength

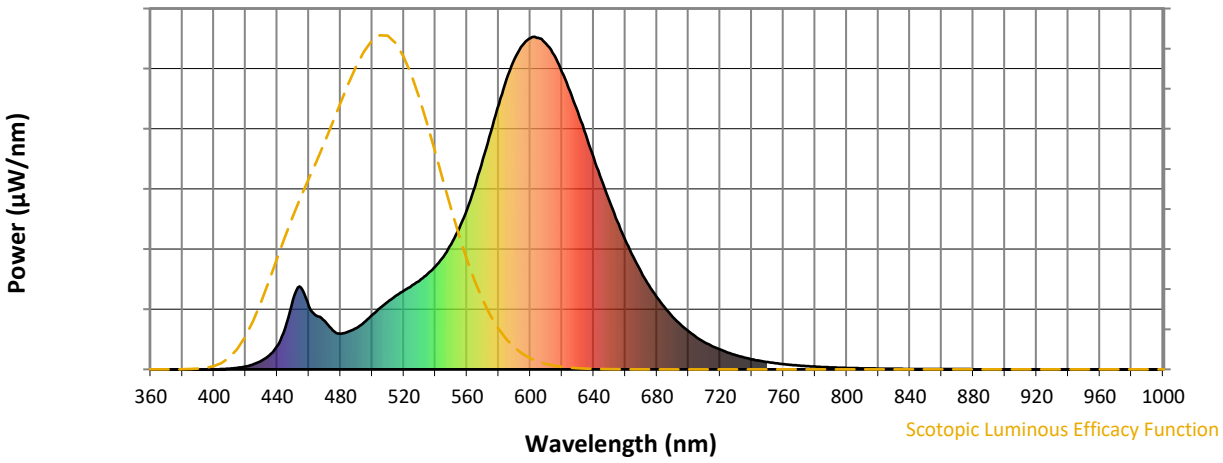


Photopic Lumens: NR

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-2

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 0.98**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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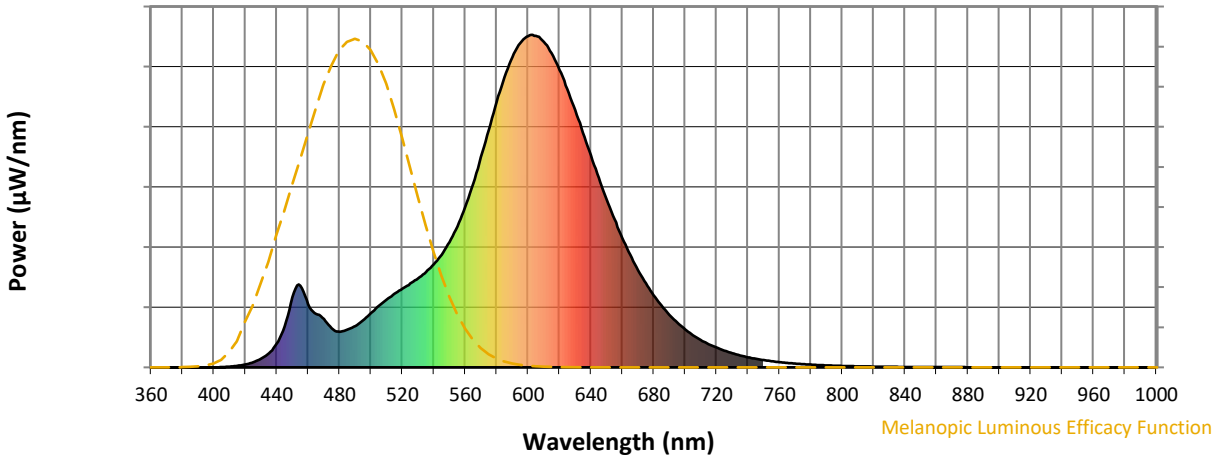
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.75**

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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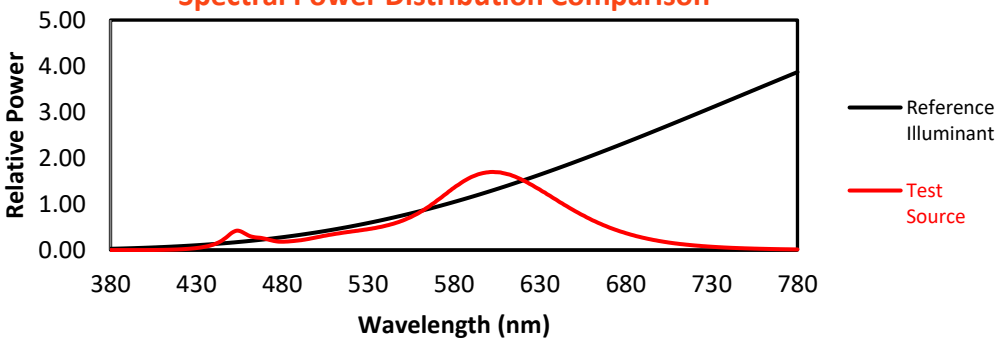
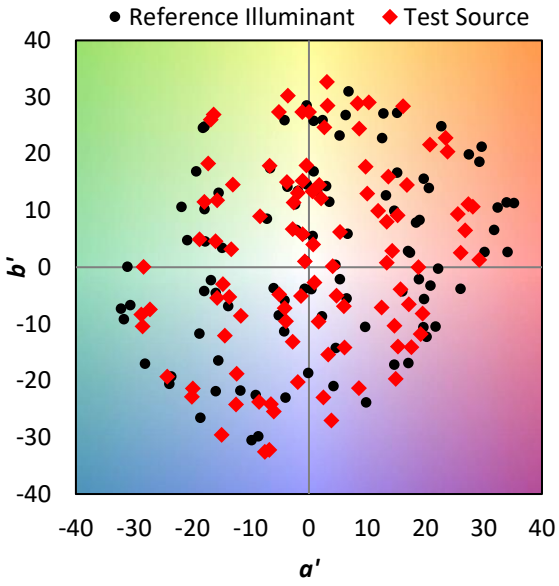
Summary

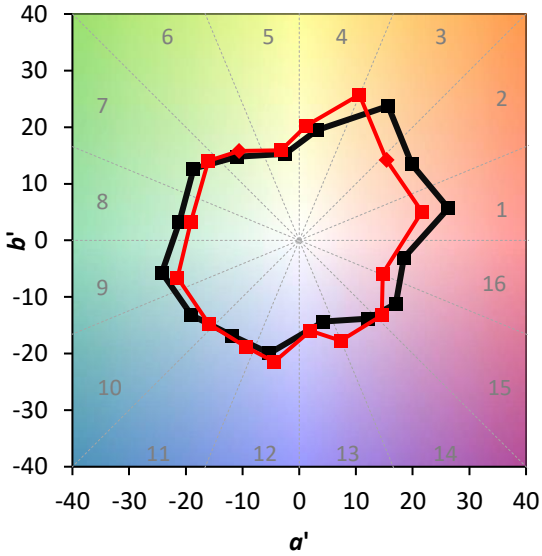
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

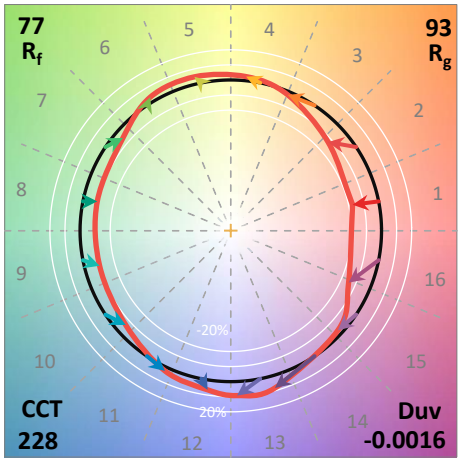
Spectral Power Distribution Comparison

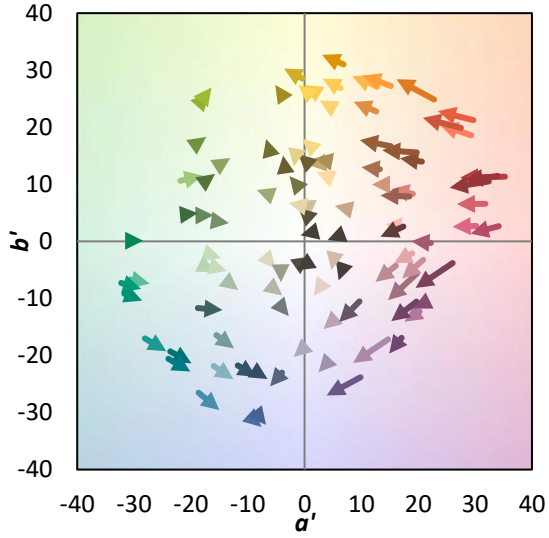


Color Vector Graphics









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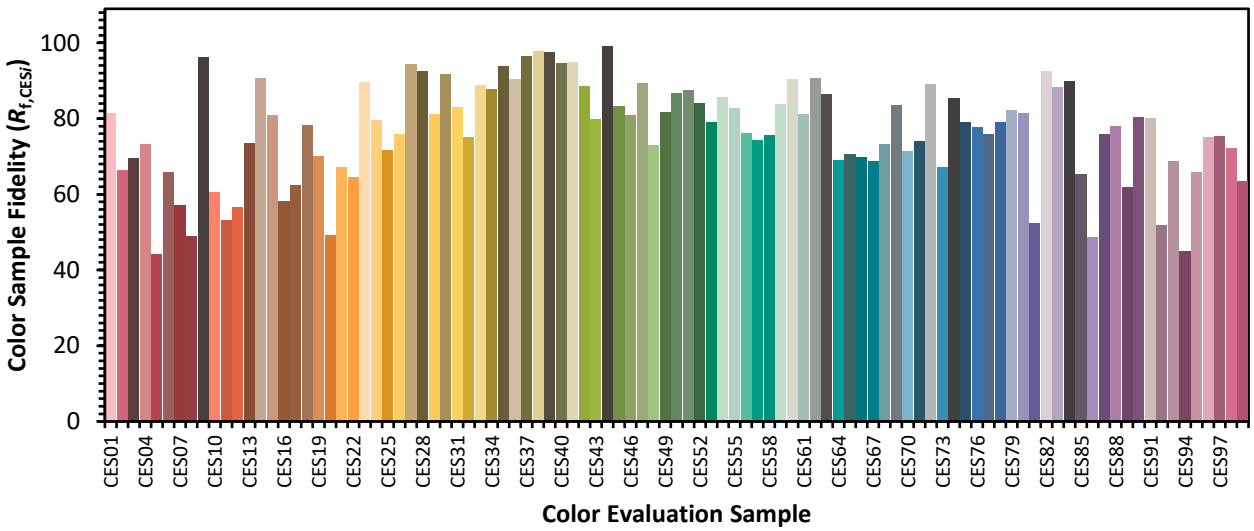
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 92
CES08 = 42	CES33 = 89	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 88	CES59 = 84	CES84 = 90
CES10 = 79	CES35 = 94	CES60 = 91	CES85 = 65
CES11 = 62	CES36 = 90	CES61 = 81	CES86 = 49
CES12 = 68	CES37 = 96	CES62 = 91	CES87 = 76
CES13 = 44	CES38 = 98	CES63 = 86	CES88 = 78
CES14 = 75	CES39 = 98	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 95	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 95	CES66 = 70	CES91 = 80
CES17 = 51	CES42 = 89	CES67 = 69	CES92 = 52
CES18 = 57	CES43 = 80	CES68 = 73	CES93 = 69
CES19 = 74	CES44 = 99	CES69 = 84	CES94 = 45
CES20 = 68	CES45 = 83	CES70 = 71	CES95 = 66
CES21 = 88	CES46 = 81	CES71 = 74	CES96 = 75
CES22 = 81	CES47 = 89	CES72 = 89	CES97 = 75
CES23 = 92	CES48 = 73	CES73 = 67	CES98 = 72
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 64
CES25 = 73	CES50 = 87	CES75 = 79	



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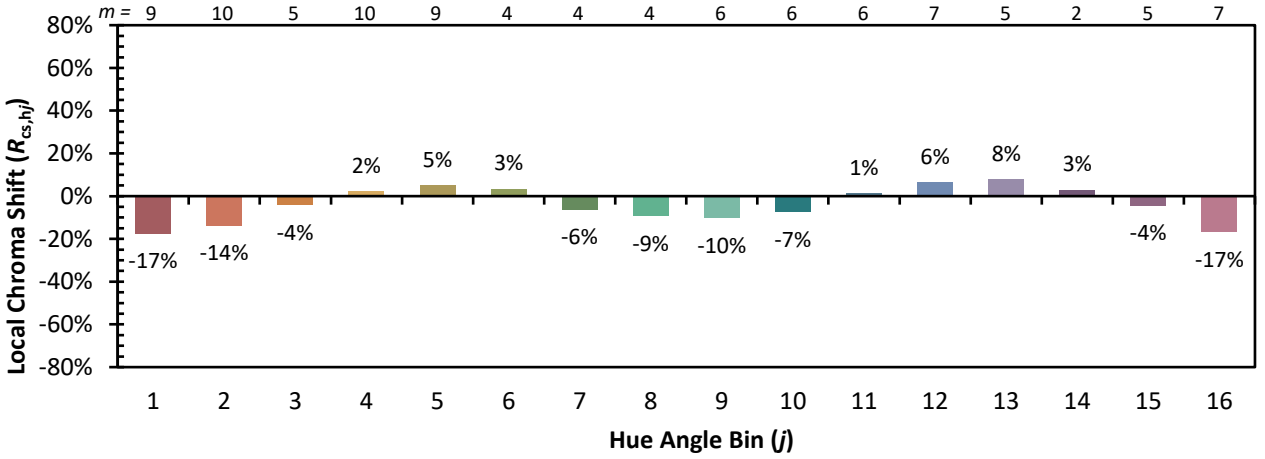
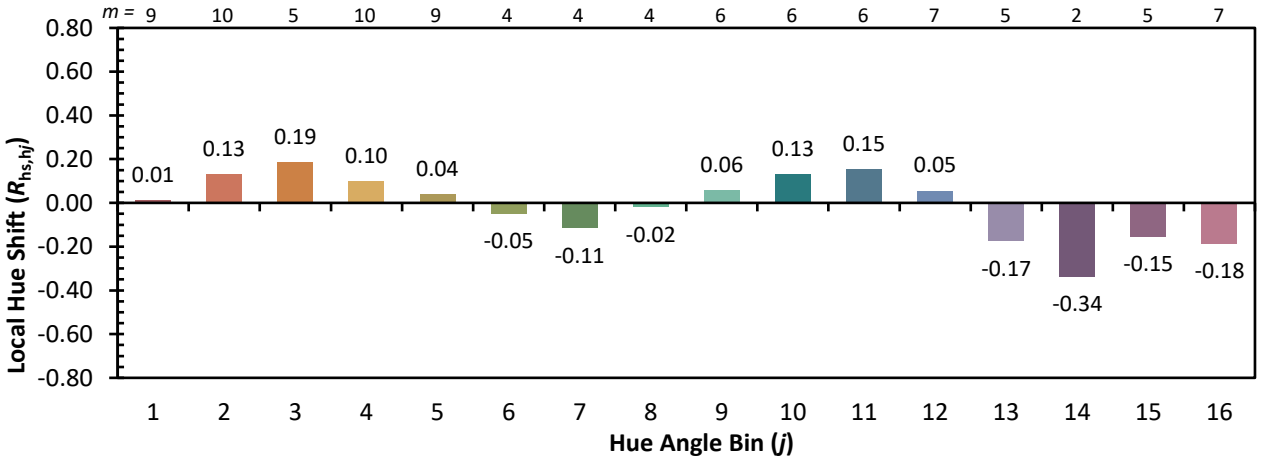
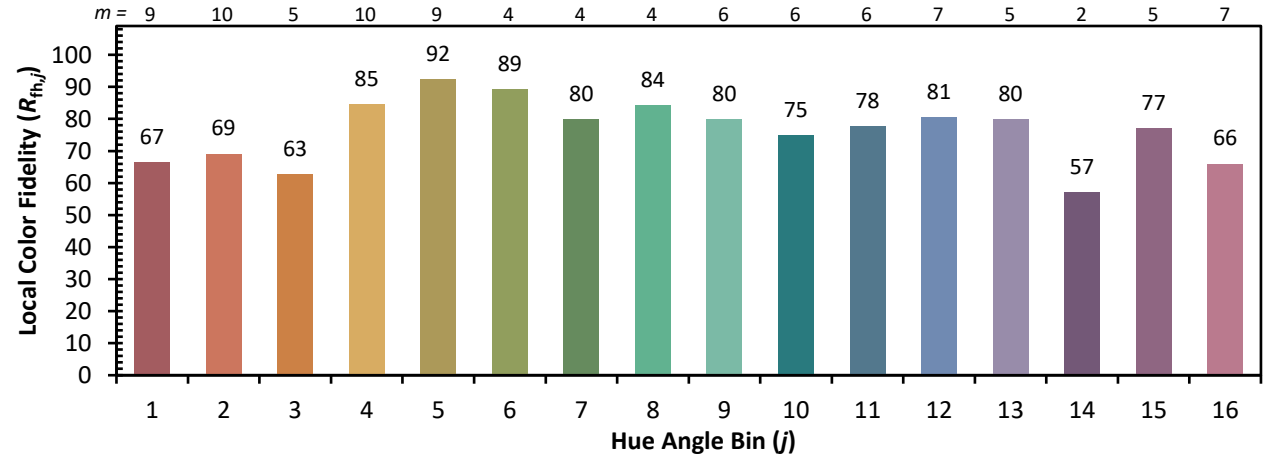
Color Rendition by Hue-Angle Bin







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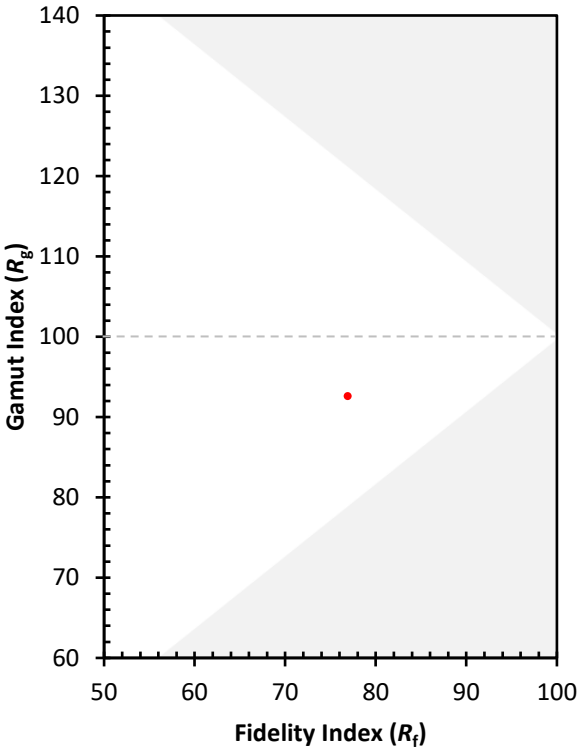
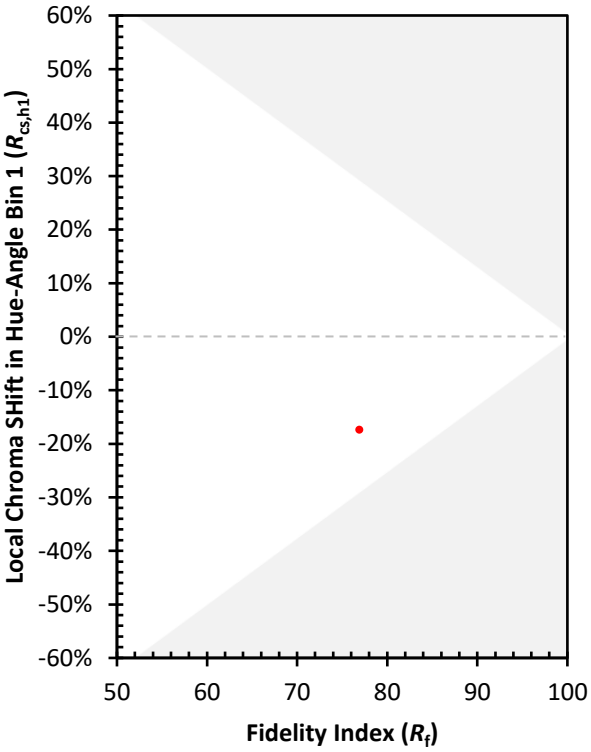
Measure Comparisons





(END OF REPORT)