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: P972292

Luminaire Tested: **GKO-PB1E-722-U-T2R**

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:	P972292
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1E-722-U-T2R
Description:	GEKKO WALL PACK 5000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(10) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4337.6 lumens
Efficiency:	N/A
Efficacy:	112.1 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type II - 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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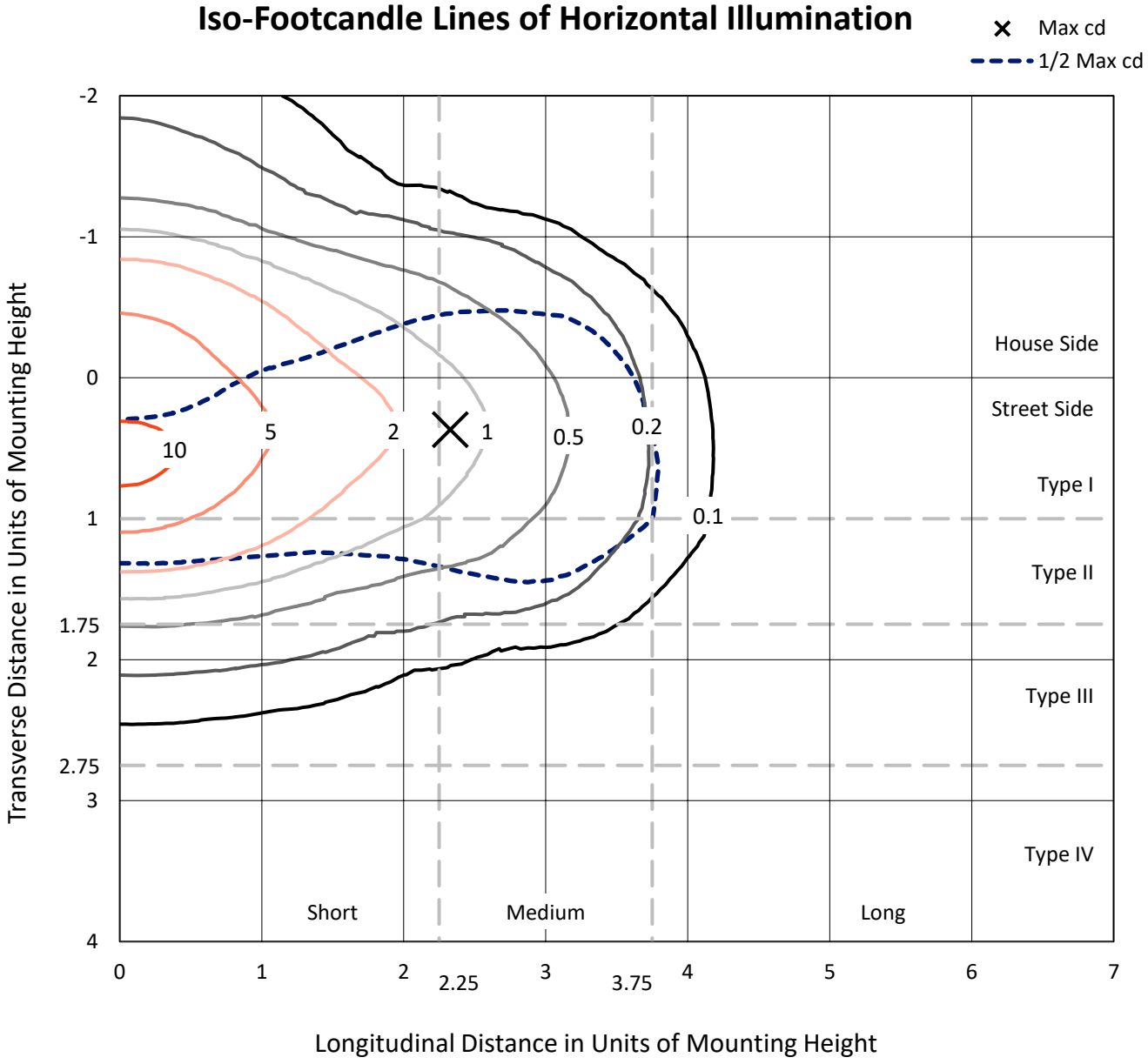
REPORT NUMBER: P972292
CATALOG NUMBER: GKO-PB1E-722-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 11.6 fc
Type II - Medium - N/A

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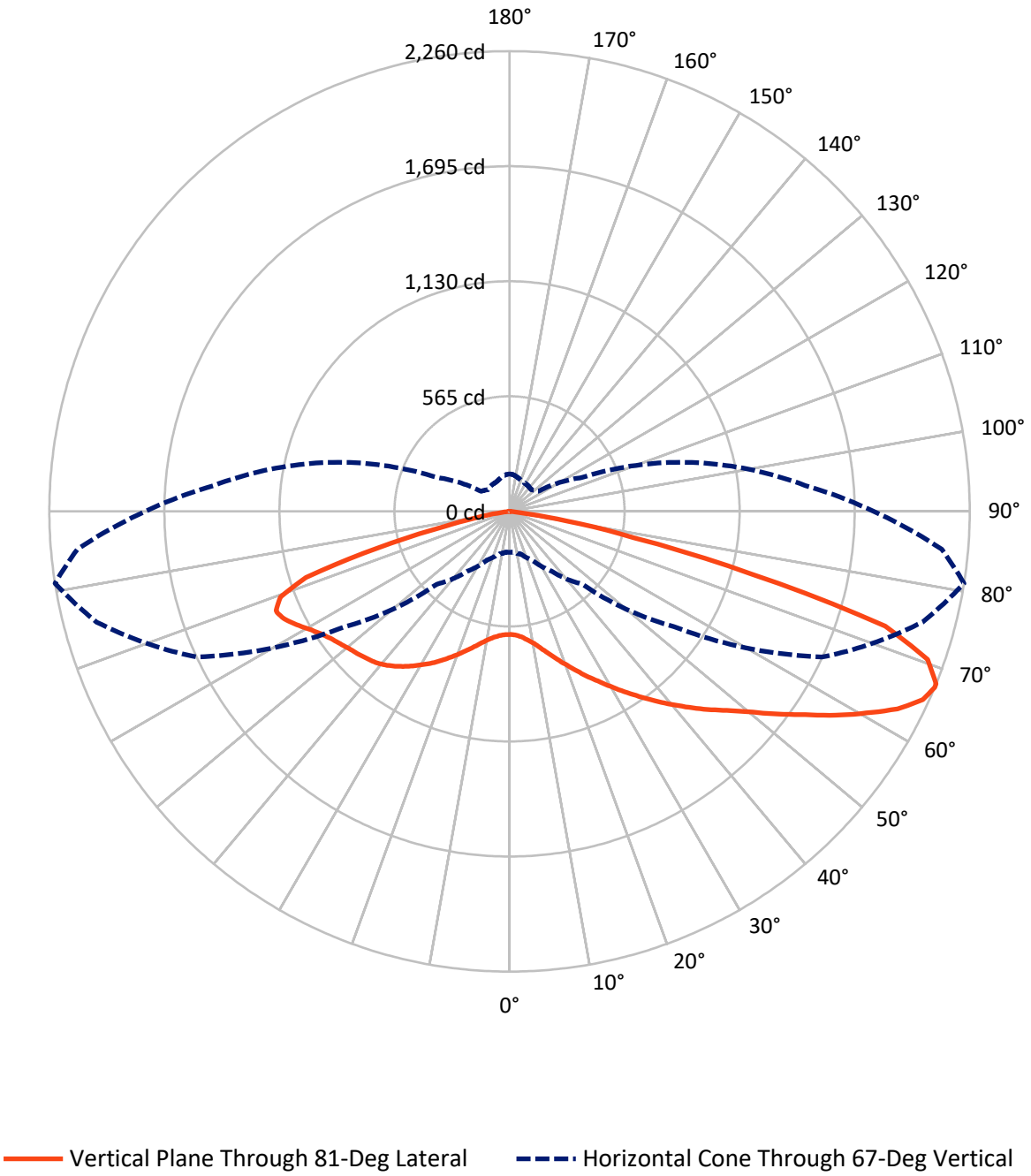
CATALOG NUMBER: GKO-PB1E-722-U-T2R

Luminous Intensity Polar Plot



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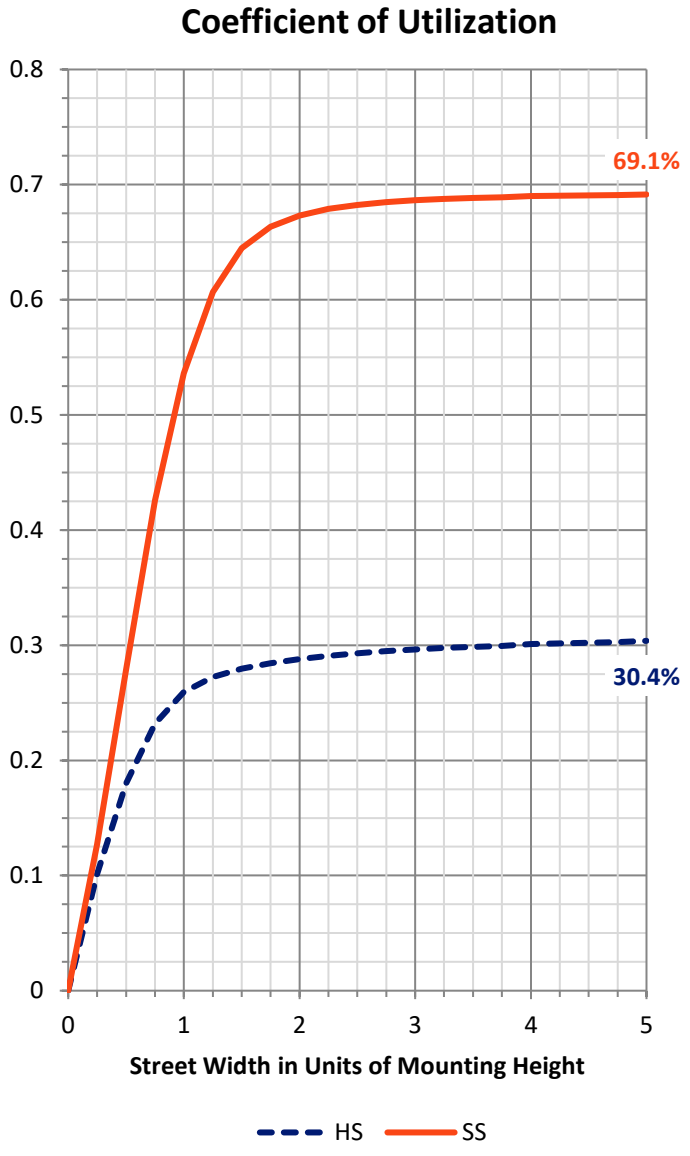
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1339.4	0.0	1339.4
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	2998.2	0.0	2998.2
	% Fixture	69.1	0.0	69.1
Total	Lumens	4337.6	0.0	4337.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	1.4
10°-20°	226.5	5.2
20°-30°	458.9	10.6
30°-40°	723.7	16.7
40°-50°	888.7	20.5
50°-60°	849.0	19.6
60°-70°	712.0	16.4
70°-80°	377.2	8.7
80°-90°	39.0	0.9
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°	4337.6	100.0
0°-180°	4337.6	100.0



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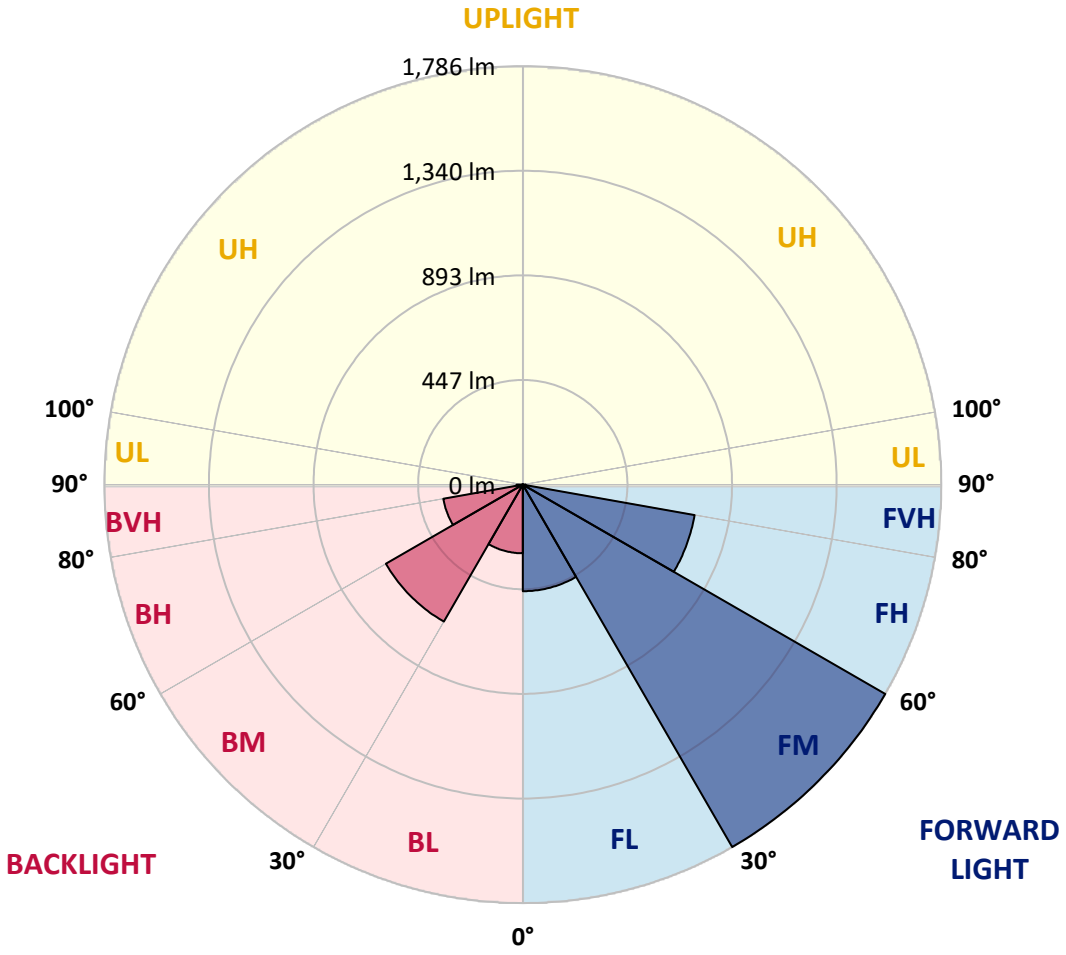
CATALOG NUMBER: GKO-PB1E-722-U-T2R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	455.0	10.5			
FM	(30°-60°)	1786.5	41.2			
FH	(60°-80°)	744.6	17.2			G1/1800
FVH	(80°-90°)	12.1	0.3			G1/100
BL	(0°-30°)	293.1	6.8	B1/500		
BM	(30°-60°)	674.9	15.6	B1/1000		
BH	(60°-80°)	344.6	7.9	B1/500		G1/500
BVH	(80°-90°)	26.9	0.6			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 II Medium



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REPORT NUMBER: P972292
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	604.2	604.2	604.2	604.2	604.2	604.2	604.2	604.2	604.2	*604.2*	604.2
2.5°	639.1	640.7	637.4	636.6	633.3	628.3	622.5	618.3	611.7	*608.4*	606.7
5°	699.7	696.3	693.9	689.7	678.1	668.1	651.5	639.9	627.5	*619.2*	616.7
7.5°	773.5	775.2	766.9	756.1	739.5	719.6	693.0	671.4	648.2	*637.4*	632.4
10°	854.0	860.7	852.4	839.1	807.6	777.7	745.3	708.0	676.4	*659.8*	653.2
12.5°	952.0	956.1	945.3	927.9	889.7	844.9	799.3	752.8	711.3	*690.5*	678.9
15°	1061.5	1058.2	1047.4	1021.7	972.7	922.9	860.7	800.1	751.1	*725.4*	708.8
17.5°	1174.4	1170.3	1156.1	1123.0	1067.3	1005.1	931.2	854.9	793.5	*765.2*	742.8
20°	1282.3	1278.2	1268.2	1230.8	1163.6	1087.3	1000.9	917.9	841.6	*806.7*	781.8
22.5°	1401.8	1398.5	1382.7	1337.1	1264.9	1181.0	1080.6	981.9	893.9	*852.4*	822.5
25°	1531.3	1532.1	1514.7	1450.8	1369.5	1271.5	1166.1	1054.1	952.8	*900.5*	866.5
27.5°	1682.4	1681.5	1651.6	1582.8	1480.7	1367.8	1250.8	1129.6	1010.9	*949.5*	910.5
30°	1819.3	1816.0	1782.8	1713.9	1596.0	1469.0	1340.4	1202.6	1076.5	*1003.4*	956.1
32.5°	1920.6	1921.4	1894.0	1818.5	1703.1	1567.8	1424.2	1284.8	1139.5	*1061.5*	1009.2
35°	1993.6	1994.4	1967.9	1903.1	1795.2	1659.9	1513.0	1362.0	1210.1	*1121.3*	1064.9
37.5°	2016.8	2016.8	1999.4	1948.8	1860.8	1742.9	1600.2	1450.0	1280.6	*1186.0*	1121.3
40°	1985.3	1987.8	1987.0	1953.8	1893.2	1800.2	1680.7	1534.6	1359.5	*1249.9*	1178.6
42.5°	1913.9	1915.6	1918.1	1905.6	1886.5	1830.9	1745.4	1620.9	1438.3	*1319.7*	1235.0
45°	1796.1	1802.7	1815.1	1820.1	1827.6	1823.4	1785.3	1701.4	1526.3	*1389.4*	1290.6
47.5°	1646.7	1657.5	1674.1	1703.9	1745.4	1778.6	1795.2	1763.7	1611.8	*1461.6*	1352.9
50°	1439.2	1450.8	1495.6	1557.9	1640.0	1704.8	1767.8	1810.2	1707.2	*1549.6*	1422.6
52.5°	1152.0	1176.9	1252.4	1371.9	1513.0	1609.3	1709.7	1832.6	1804.4	*1653.3*	1505.6
55°	876.4	885.6	982.7	1126.3	1343.7	1506.4	1630.1	1821.0	1895.7	*1762.0*	1600.2
57.5°	612.5	622.5	707.1	864.0	1104.7	1371.9	1550.4	1781.9	1978.7	*1889.8*	1708.9
60°	434.9	445.7	508.8	625.0	858.2	1176.1	1476.5	1732.1	2050.9	*2011.0*	1834.2
62.5°	316.2	322.0	355.2	453.2	620.0	919.6	1371.1	1699.8	2101.5	*2137.2*	1962.9
65°	242.4	248.2	267.3	328.7	458.1	672.3	1181.9	1699.0	2114.8	*2230.1*	2074.1
67°	*201.7*	*200.9*	*217.5*	*263.9*	*357.7*	*505.5*	*986.8*	*1692.3*	*2099.8*	*2260.0*	*2130.5*
67.5°	190.9	194.2	207.5	246.5	337.8	465.6	944.5	1681.5	2094.8	*2259.2*	2134.7
70°	151.9	152.7	164.3	195.0	254.0	337.8	679.7	1575.3	2019.3	*2177.8*	2088.2
72.5°	111.2	110.4	127.8	147.7	194.2	245.7	455.7	1323.0	1855.8	*1929.7*	1856.6
75°	82.2	81.3	90.5	112.9	138.6	183.4	295.5	863.2	1256.6	*1227.5*	1133.7
77.5°	54.8	56.4	64.7	83.0	98.8	113.7	147.7	397.6	692.2	*625.8*	602.6
80°	33.2	30.7	36.5	47.3	57.3	58.1	63.1	171.8	297.1	*283.0*	265.6
82.5°	11.6	11.6	14.1	19.1	19.1	19.1	23.2	41.5	58.9	*53.9*	51.5
85°	0.0	0.0	0.0	0.0	1.7	2.5	1.7	3.3	5.8	*6.6*	6.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.7	2.5	*3.3*	3.3
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: P972292
CATALOG NUMBER: GKO-PB1E-722-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	604.2	604.2	604.2	604.2	604.2	604.2	604.2	604.2	604.2	604.2	604.2
2.5°	606.7	606.7	604.2	600.9	599.2	598.4	595.9	592.6	595.1	597.6	597.6
5°	615.0	613.3	608.4	605.0	602.6	602.6	599.2	598.4	600.9	603.4	602.6
7.5°	628.3	625.0	619.2	614.2	615.0	615.8	610.9	610.9	613.3	615.8	615.8
10°	646.5	640.7	634.9	630.8	631.6	632.4	627.5	625.8	628.3	630.8	632.4
12.5°	669.8	662.3	655.7	651.5	650.7	651.5	646.5	644.9	644.9	646.5	646.5
15°	697.2	688.9	680.6	674.8	673.1	672.3	665.6	659.8	659.8	660.7	660.7
17.5°	728.7	717.1	706.3	699.7	695.5	689.7	682.2	673.9	671.4	672.3	672.3
20°	760.3	747.8	733.7	724.6	716.3	706.3	694.7	683.9	678.9	678.9	678.1
22.5°	796.8	780.2	761.1	748.6	733.7	717.1	700.5	686.4	681.4	679.7	679.7
25°	834.1	815.0	787.6	768.6	747.0	722.9	701.3	682.2	673.9	670.6	670.6
27.5°	872.3	849.9	814.2	786.8	755.3	722.1	693.0	669.0	657.3	653.2	651.5
30°	915.5	883.1	837.4	800.1	756.9	714.6	677.3	649.0	631.6	621.6	622.5
32.5°	960.3	919.6	859.0	808.4	754.4	700.5	653.2	617.5	595.1	586.0	582.6
35°	1005.9	954.5	878.1	812.5	746.1	678.9	622.5	582.6	557.7	544.5	544.5
37.5°	1052.4	991.0	891.4	811.7	731.2	650.7	586.8	544.5	515.4	498.8	494.7
40°	1098.1	1025.0	901.3	805.1	708.8	616.7	548.6	503.0	464.0	442.4	439.1
42.5°	1142.9	1053.2	906.3	794.3	682.2	579.3	505.5	444.0	406.7	386.8	385.9
45°	1183.5	1075.6	907.2	780.2	647.4	537.0	447.4	388.4	351.1	330.3	330.3
47.5°	1223.4	1100.5	906.3	761.9	609.2	482.2	385.9	328.7	294.6	281.4	277.2
50°	1271.5	1125.4	905.5	739.5	560.2	416.6	326.2	277.2	248.2	234.9	234.9
52.5°	1320.5	1154.5	907.2	708.0	502.1	352.7	273.1	229.9	210.8	202.5	201.7
55°	1383.6	1185.2	911.3	670.6	441.5	290.5	227.4	198.4	185.1	180.9	181.8
57.5°	1459.9	1227.5	919.6	626.6	371.0	238.2	195.0	179.3	176.0	177.6	178.4
60°	1547.1	1279.8	931.2	576.8	308.7	198.4	176.0	172.6	176.0	182.6	183.4
62.5°	1648.3	1342.9	946.2	521.2	247.3	174.3	167.7	170.1	172.6	183.4	184.3
65°	1738.0	1411.0	949.5	455.7	200.9	158.5	162.7	164.3	171.0	183.4	184.3
67°	*1788.6*	*1457.4*	*927.1*	*393.4*	*171.8*	*150.2*	*156.0*	*157.7*	*169.3*	*181.8*	*183.4*
67.5°	1794.4	1467.4	912.1	377.6	166.0	148.6	154.4	157.7	169.3	181.8	182.6
70°	1777.0	1460.7	812.5	284.7	136.9	136.9	143.6	151.1	162.7	176.0	181.8
72.5°	1621.8	1332.1	629.1	193.4	116.2	123.7	133.6	144.4	155.2	171.0	180.9
75°	1025.0	857.4	385.1	129.5	97.1	110.4	126.2	138.6	147.7	159.4	166.0
77.5°	547.8	424.1	166.0	76.4	76.4	97.9	117.0	128.6	133.6	137.8	141.9
80°	259.0	197.5	80.5	45.6	53.1	76.4	103.7	116.2	117.9	122.8	124.5
82.5°	51.5	44.8	26.6	24.1	34.9	54.8	86.3	100.4	101.3	109.6	111.2
85°	6.6	5.8	4.1	9.1	22.4	40.7	66.4	86.3	88.0	88.0	86.3
87.5°	3.3	2.5	2.5	6.6	16.6	30.7	54.8	72.2	73.0	57.3	55.6
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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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

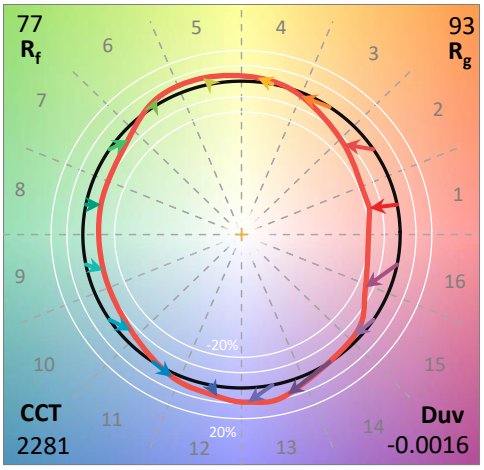
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

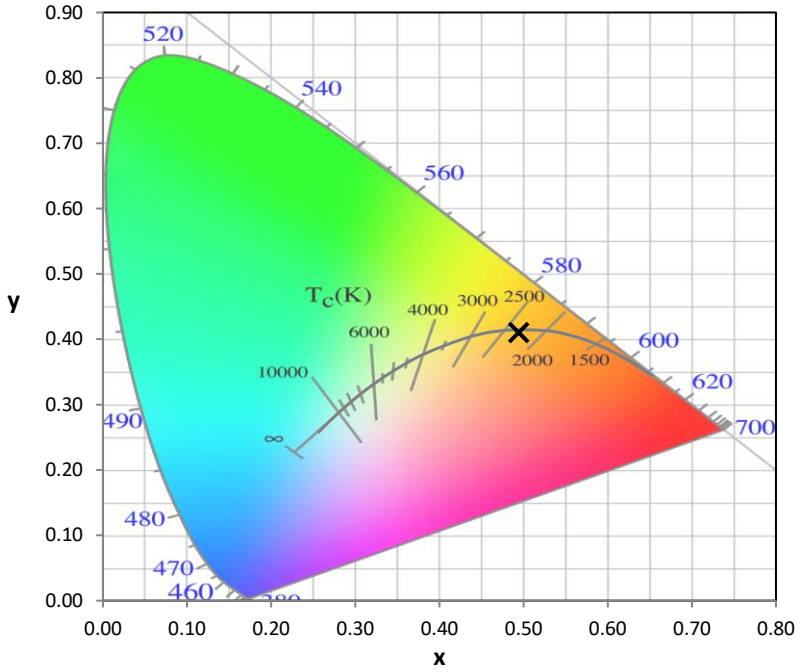
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

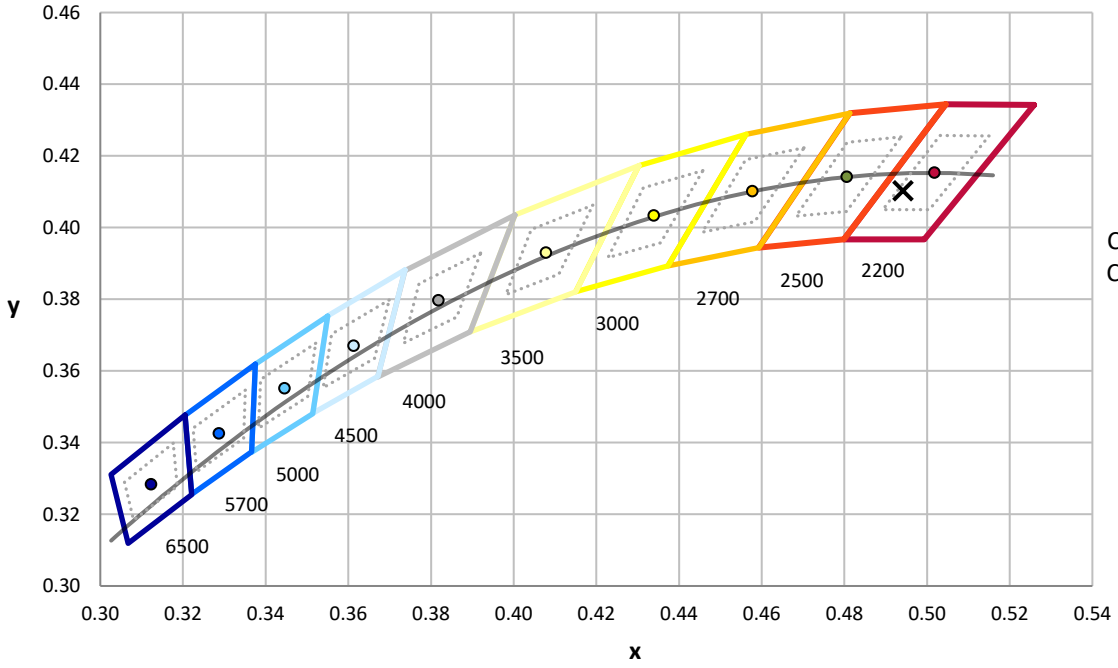
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

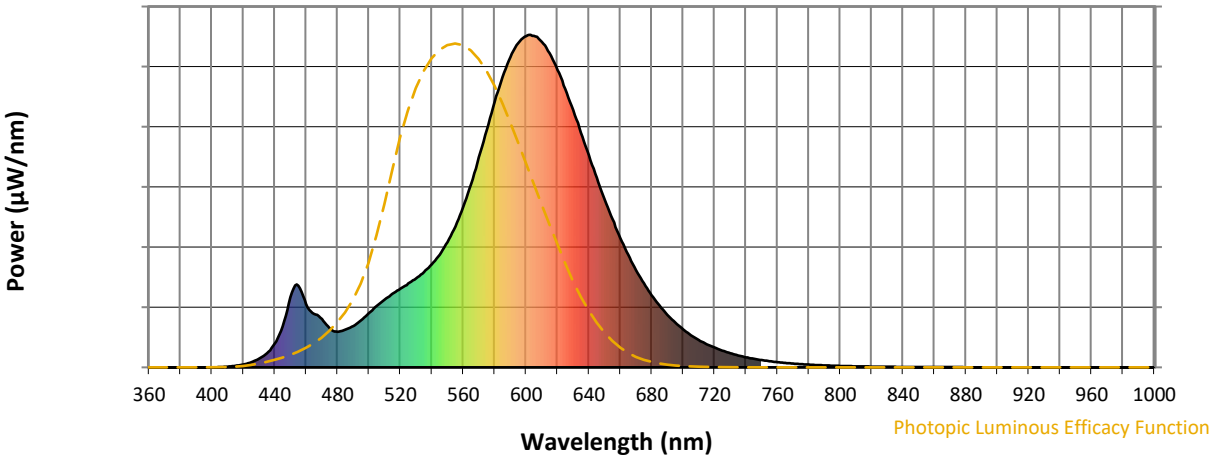


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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			

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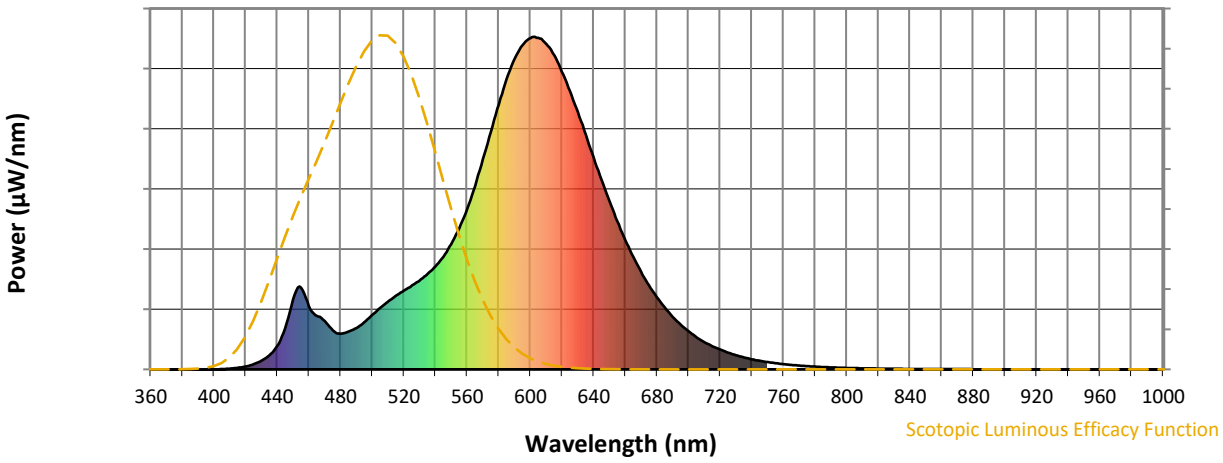
Scotopic Flux vs. Wavelength



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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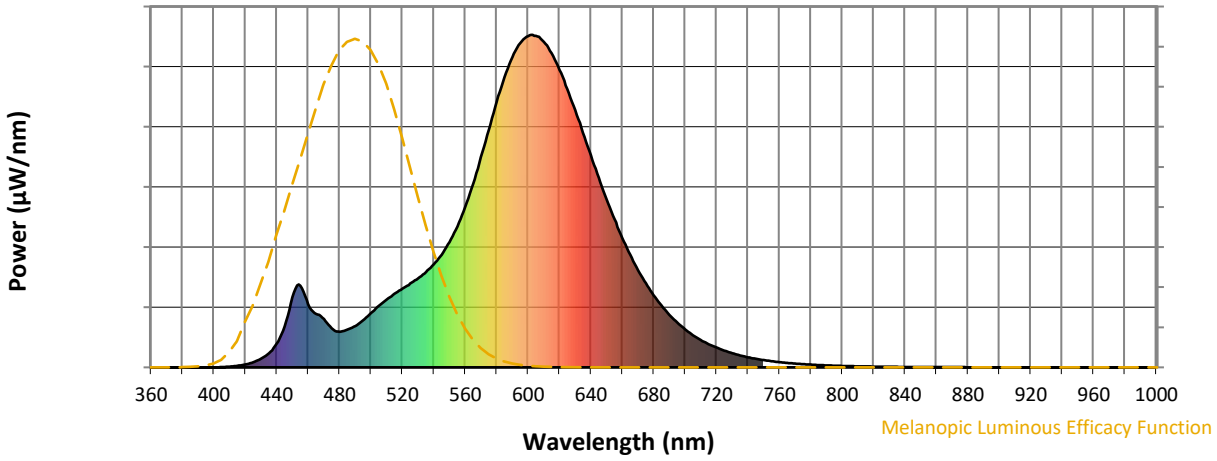
Melanopic Flux vs. Wavelength



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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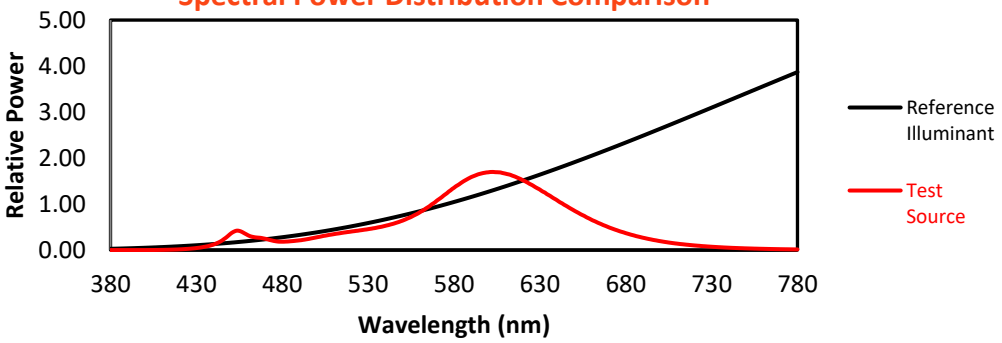
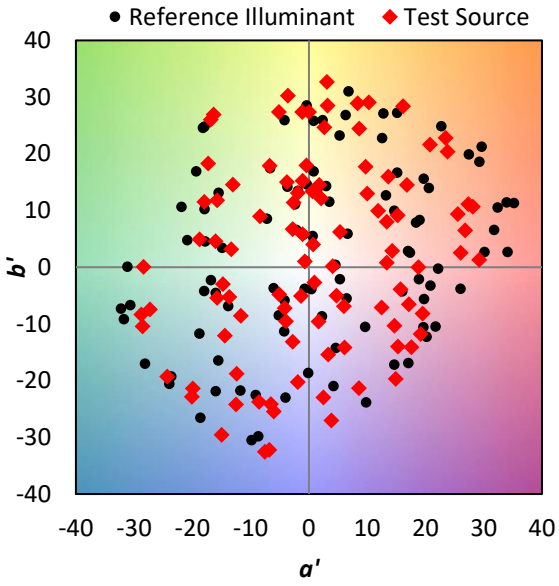
Summary

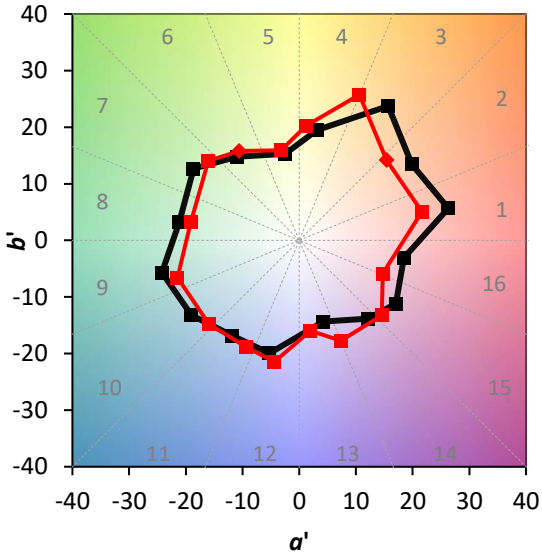
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

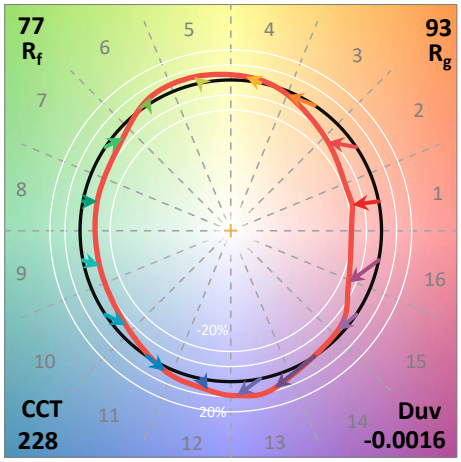
Spectral Power Distribution Comparison

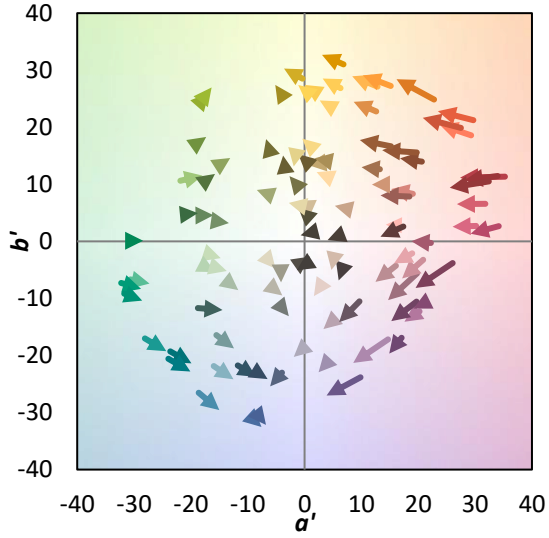


Color Vector Graphics









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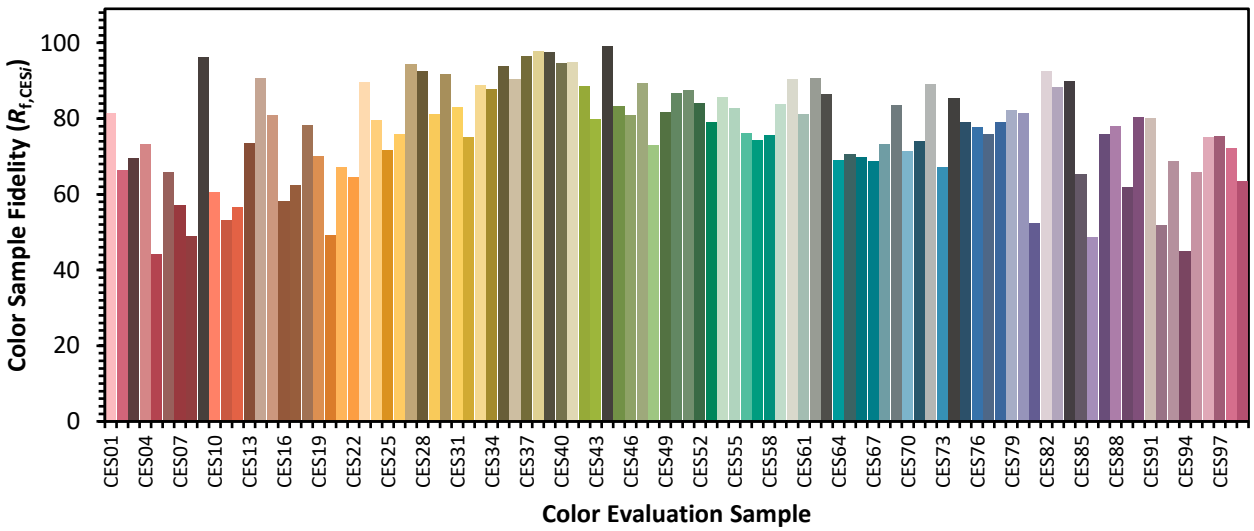
Individual Sample Fidelity Index ($R_{f,i}$)

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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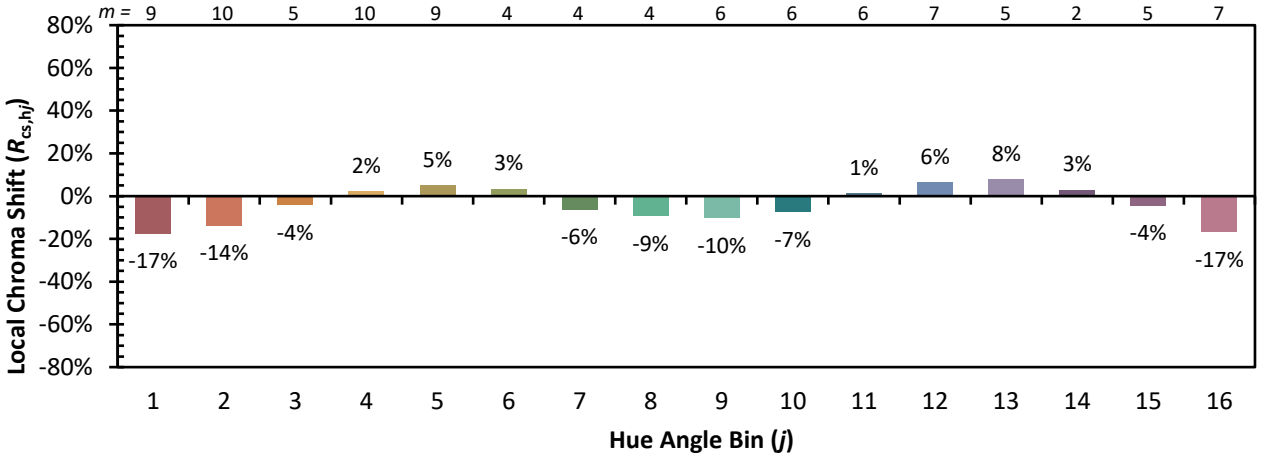
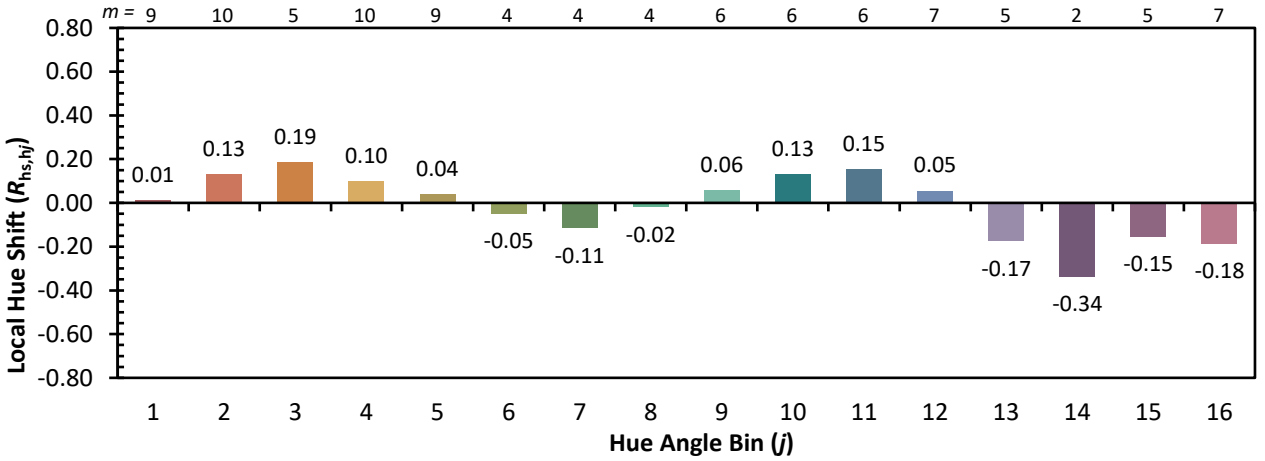
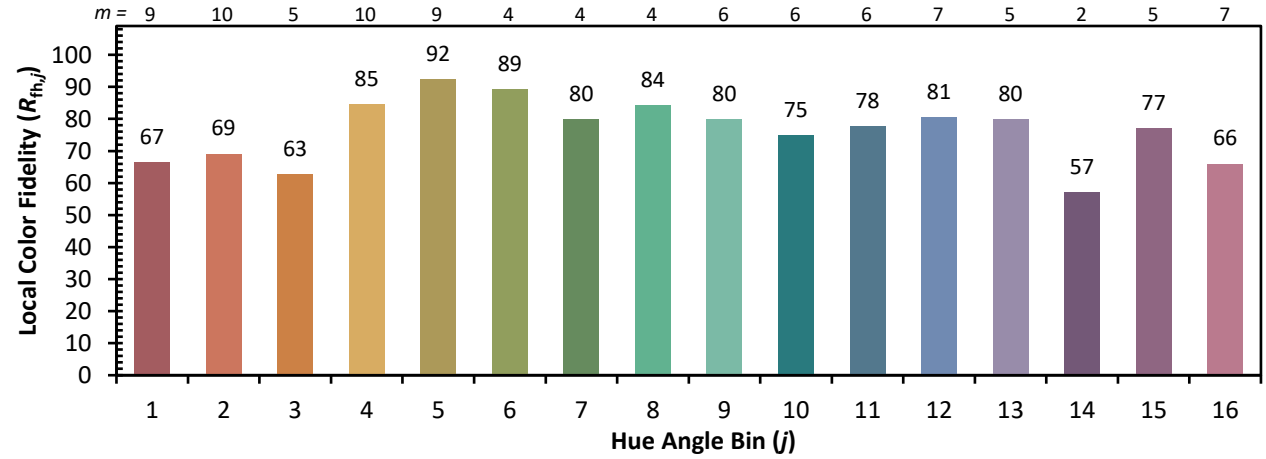
Color Rendition by Hue-Angle Bin







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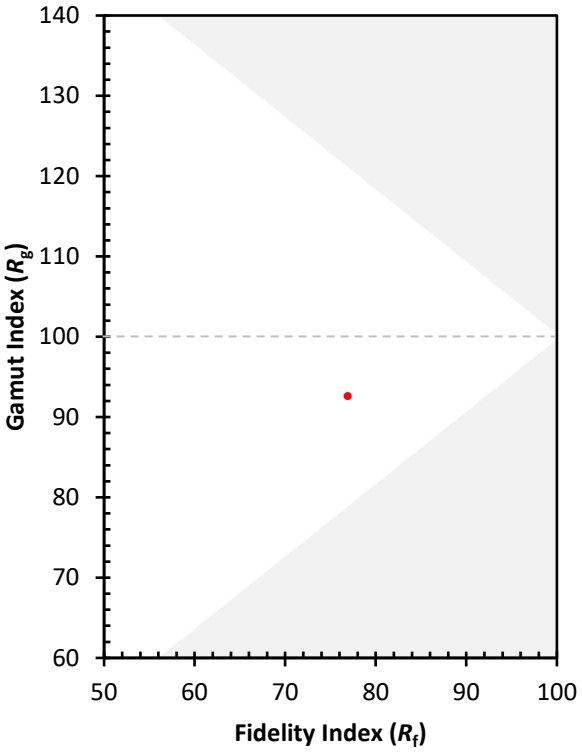
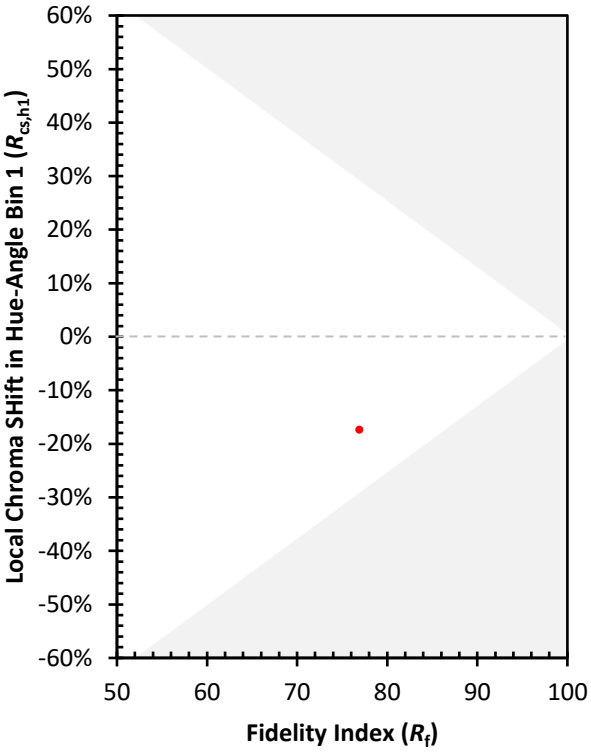
Measure Comparisons





(END OF REPORT)