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: P977131

Luminaire Tested: **GKO-PB1F-722-U-T2R**

Issue Date: 03/19/2025

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:	P977131
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	03/19/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1F-722-U-T2R
Description:	GEKKO WALL PACK 6500LM 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:	5600 lumens
Efficiency:	N/A
Efficacy:	102.8 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):	54.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.99
Total Harmonic Distortion (THDi):	5.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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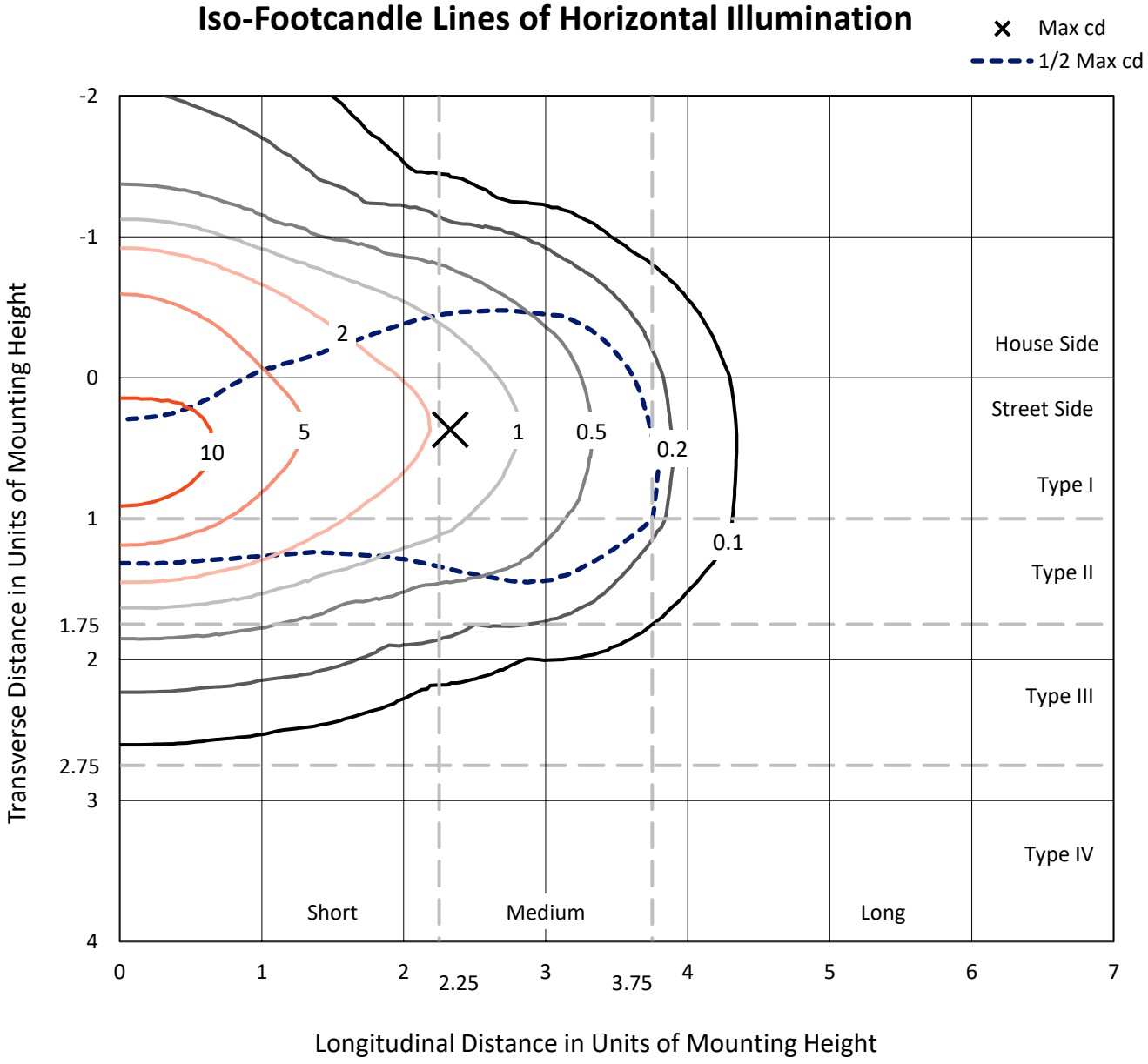
Scaled Data Report

REPORT NUMBER: P977131
CATALOG NUMBER: GKO-PB1F-722-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 15 fc
Type II - Medium - N/A

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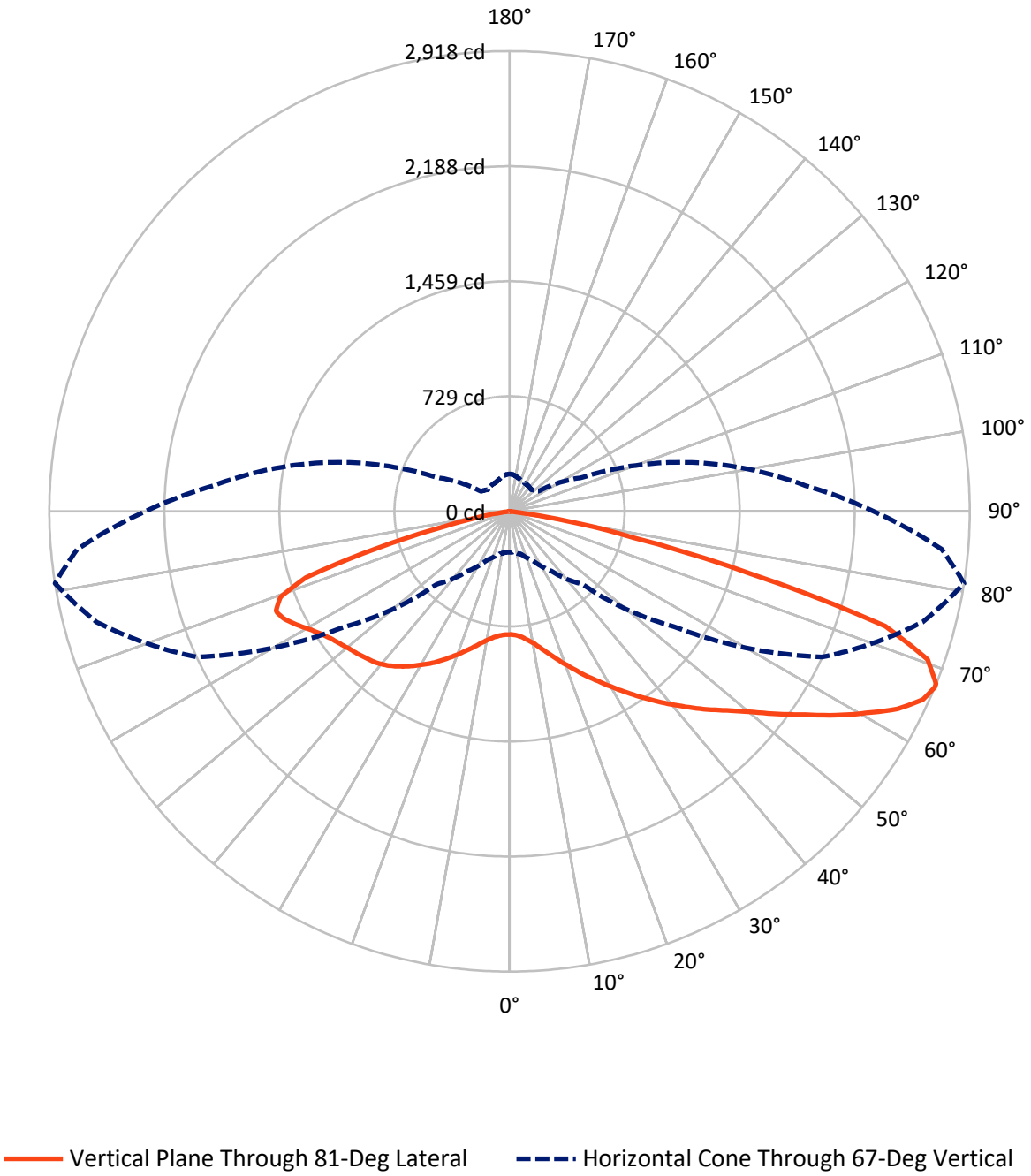
Luminous Intensity Polar Plot



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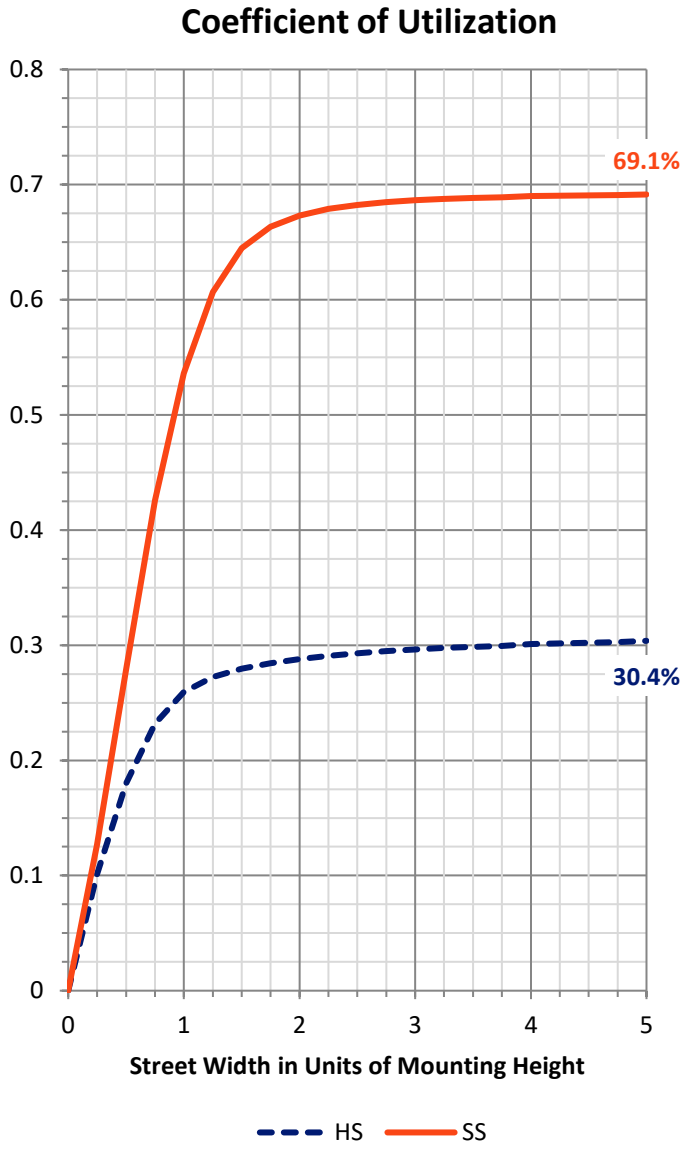
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1729.2	0.0	1729.2
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	3870.7	0.0	3870.7
	% Fixture	69.1	0.0	69.1
Total	Lumens	5600.0	0.0	5600.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.8	1.4
10°-20°	292.5	5.2
20°-30°	592.5	10.6
30°-40°	934.3	16.7
40°-50°	1147.4	20.5
50°-60°	1096.1	19.6
60°-70°	919.2	16.4
70°-80°	486.9	8.7
80°-90°	50.3	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°	5600.0	100.0
0°-180°	5600.0	100.0



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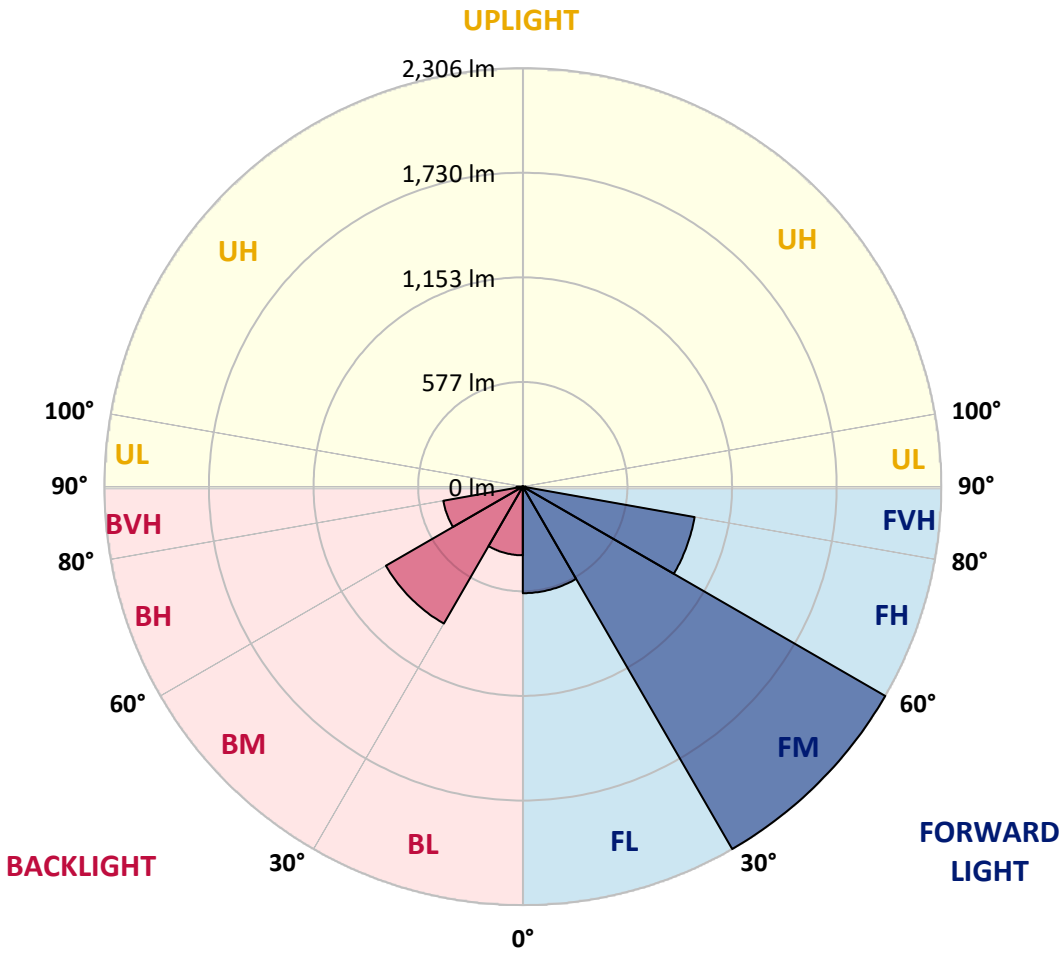
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	587.4	10.5			
FM	(30°-60°)	2306.4	41.2			
FH	(60°-80°)	961.3	17.2			G1/1800
FVH	(80°-90°)	15.6	0.3			G1/100
BL	(0°-30°)	378.4	6.8	B1/500		
BM	(30°-60°)	871.3	15.6	B1/1000		
BH	(60°-80°)	444.8	7.9	B1/500		G1/500
BVH	(80°-90°)	34.7	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: P977131
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	780.1	780.1	780.1	780.1	780.1	780.1	780.1	780.1	780.1	*780.1*	780.1
2.5°	825.1	827.2	822.9	821.9	817.6	811.1	803.6	798.3	789.7	*785.4*	783.3
5°	903.3	899.0	895.8	890.4	875.4	862.6	841.1	826.1	810.1	*799.4*	796.1
7.5°	998.7	1000.8	990.1	976.2	954.7	929.0	894.7	866.9	836.9	*822.9*	816.5
10°	1102.6	1111.2	1100.5	1083.3	1042.6	1004.0	962.2	914.0	873.3	*851.9*	843.3
12.5°	1229.0	1234.4	1220.5	1198.0	1148.7	1090.8	1031.9	971.9	918.3	*891.5*	876.5
15°	1370.5	1366.2	1352.3	1319.0	1255.8	1191.5	1111.2	1032.9	969.7	*936.5*	915.1
17.5°	1516.2	1510.8	1492.6	1449.8	1378.0	1297.6	1202.2	1103.7	1024.4	*987.9*	959.0
20°	1655.5	1650.1	1637.3	1589.1	1502.3	1403.7	1292.3	1185.1	1086.5	*1041.5*	1009.4
22.5°	1809.8	1805.5	1785.2	1726.2	1633.0	1524.8	1395.1	1267.6	1154.0	*1100.5*	1061.9
25°	1977.0	1978.0	1955.5	1873.0	1768.0	1641.6	1505.5	1360.8	1230.1	*1162.6*	1118.7
27.5°	2172.0	2170.9	2132.3	2043.4	1911.6	1765.9	1614.8	1458.3	1305.1	*1225.8*	1175.5
30°	2348.8	2344.5	2301.6	2212.7	2060.5	1896.6	1730.5	1552.6	1389.8	*1295.5*	1234.4
32.5°	2479.5	2480.6	2445.2	2347.7	2198.8	2024.1	1838.7	1658.7	1471.2	*1370.5*	1303.0
35°	2573.8	2574.9	2540.6	2457.0	2317.7	2143.0	1953.4	1758.4	1562.3	*1447.6*	1374.8
37.5°	2603.8	2603.8	2581.3	2515.9	2402.3	2250.2	2065.9	1871.9	1653.4	*1531.2*	1447.6
40°	2563.1	2566.3	2565.2	2522.4	2444.1	2324.1	2169.8	1981.2	1755.1	*1613.7*	1521.6
42.5°	2470.9	2473.1	2476.3	2460.2	2435.6	2363.8	2253.4	2092.7	1856.9	*1703.7*	1594.4
45°	2318.8	2327.3	2343.4	2349.8	2359.5	2354.1	2304.8	2196.6	1970.5	*1793.7*	1666.2
47.5°	2125.9	2139.8	2161.3	2199.8	2253.4	2296.3	2317.7	2277.0	2080.9	*1886.9*	1746.6
50°	1858.0	1873.0	1930.9	2011.2	2117.3	2200.9	2282.3	2337.0	2204.1	*2000.5*	1836.6
52.5°	1487.3	1519.4	1616.9	1771.2	1953.4	2077.7	2207.3	2365.9	2329.5	*2134.5*	1943.7
55°	1131.5	1143.3	1268.7	1454.1	1734.8	1944.8	2104.5	2350.9	2447.4	*2274.8*	2065.9
57.5°	790.8	803.6	912.9	1115.5	1426.2	1771.2	2001.6	2300.6	2554.5	*2439.8*	2206.3
60°	561.5	575.4	656.8	806.9	1108.0	1518.3	1906.2	2236.3	2647.7	*2596.3*	2368.1
62.5°	408.2	415.7	458.6	585.0	800.4	1187.2	1770.2	2194.5	2713.1	*2759.2*	2534.1
65°	312.9	320.4	345.0	424.3	591.5	867.9	1525.8	2193.4	2730.2	*2879.2*	2677.7
67°	*260.4*	*259.3*	*280.7*	*340.7*	*461.8*	*652.6*	*1274.0*	*2184.8*	*2710.9*	*2917.7*	*2750.6*
67.5°	246.4	250.7	267.9	318.2	436.1	601.1	1219.4	2170.9	2704.5	*2916.7*	2755.9
70°	196.1	197.2	212.2	251.8	327.9	436.1	877.6	2033.7	2607.0	*2811.7*	2695.9
72.5°	143.6	142.5	165.0	190.7	250.7	317.2	588.3	1708.0	2395.9	*2491.3*	2397.0
75°	106.1	105.0	116.8	145.7	178.9	236.8	381.5	1114.4	1622.3	*1584.8*	1463.7
77.5°	70.7	72.9	83.6	107.2	127.5	146.8	190.7	513.3	893.6	*807.9*	777.9
80°	42.9	39.6	47.1	61.1	73.9	75.0	81.4	221.8	383.6	*365.4*	342.9
82.5°	15.0	15.0	18.2	24.6	24.6	24.6	30.0	53.6	76.1	*69.6*	66.4
85°	0.0	0.0	0.0	0.0	2.1	3.2	2.1	4.3	7.5	*8.6*	8.6
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.1	3.2	*4.3*	4.3
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: P977131
CATALOG NUMBER: GKO-PB1F-722-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	780.1	780.1	780.1	780.1	780.1	780.1	780.1	780.1	780.1	780.1	780.1
2.5°	783.3	783.3	780.1	775.8	773.6	772.6	769.4	765.1	768.3	771.5	771.5
5°	794.0	791.9	785.4	781.1	777.9	777.9	773.6	772.6	775.8	779.0	777.9
7.5°	811.1	806.9	799.4	792.9	794.0	795.1	788.6	788.6	791.9	795.1	795.1
10°	834.7	827.2	819.7	814.4	815.4	816.5	810.1	807.9	811.1	814.4	816.5
12.5°	864.7	855.1	846.5	841.1	840.1	841.1	834.7	832.6	832.6	834.7	834.7
15°	900.1	889.4	878.6	871.1	869.0	867.9	859.4	851.9	851.9	852.9	852.9
17.5°	940.8	925.8	911.9	903.3	897.9	890.4	880.8	870.1	866.9	867.9	867.9
20°	981.5	965.4	947.2	935.4	924.7	911.9	896.9	882.9	876.5	876.5	875.4
22.5°	1028.7	1007.2	982.6	966.5	947.2	925.8	904.4	886.1	879.7	877.6	877.6
25°	1076.9	1052.2	1016.9	992.2	964.4	933.3	905.4	880.8	870.1	865.8	865.8
27.5°	1126.2	1097.2	1051.2	1015.8	975.1	932.2	894.7	863.6	848.6	843.3	841.1
30°	1181.9	1140.1	1081.2	1032.9	977.2	922.6	874.4	837.9	815.4	802.6	803.6
32.5°	1239.7	1187.2	1109.0	1043.7	974.0	904.4	843.3	797.2	768.3	756.5	752.2
35°	1298.7	1232.2	1133.7	1049.0	963.3	876.5	803.6	752.2	720.1	702.9	702.9
37.5°	1358.7	1279.4	1150.8	1047.9	944.0	840.1	757.6	702.9	665.4	644.0	638.6
40°	1417.6	1323.3	1163.7	1039.4	915.1	796.1	708.3	649.3	599.0	571.1	566.8
42.5°	1475.5	1359.8	1170.1	1025.4	880.8	747.9	652.6	573.3	525.0	499.3	498.3
45°	1528.0	1388.7	1171.2	1007.2	835.8	693.3	577.5	501.5	453.3	426.5	426.5
47.5°	1579.4	1420.8	1170.1	983.7	786.5	622.6	498.3	424.3	380.4	363.2	357.9
50°	1641.6	1453.0	1169.0	954.7	723.3	537.9	421.1	357.9	320.4	303.2	303.2
52.5°	1704.8	1490.5	1171.2	914.0	648.3	455.4	352.5	296.8	272.2	261.5	260.4
55°	1786.2	1530.1	1176.5	865.8	570.0	375.0	293.6	256.1	238.9	233.6	234.7
57.5°	1884.8	1584.8	1187.2	809.0	479.0	307.5	251.8	231.4	227.2	229.3	230.4
60°	1997.3	1652.3	1202.2	744.7	398.6	256.1	227.2	222.9	227.2	235.7	236.8
62.5°	2128.0	1733.7	1221.5	672.9	319.3	225.0	216.4	219.7	222.9	236.8	237.9
65°	2243.8	1821.6	1225.8	588.3	259.3	204.7	210.0	212.2	220.7	236.8	237.9
67°	*2309.1*	*1881.6*	*1196.9*	*507.9*	*221.8*	*193.9*	*201.4*	*203.6*	*218.6*	*234.7*	*236.8*
67.5°	2316.6	1894.4	1177.6	487.5	214.3	191.8	199.3	203.6	218.6	234.7	235.7
70°	2294.1	1885.9	1049.0	367.5	176.8	176.8	185.4	195.0	210.0	227.2	234.7
72.5°	2093.7	1719.8	812.2	249.7	150.0	159.7	172.5	186.4	200.4	220.7	233.6
75°	1323.3	1106.9	497.2	167.2	125.4	142.5	162.9	178.9	190.7	205.7	214.3
77.5°	707.2	547.5	214.3	98.6	98.6	126.4	151.1	166.1	172.5	177.9	183.2
80°	334.3	255.0	103.9	58.9	68.6	98.6	133.9	150.0	152.2	158.6	160.7
82.5°	66.4	57.9	34.3	31.1	45.0	70.7	111.4	129.7	130.7	141.4	143.6
85°	8.6	7.5	5.4	11.8	28.9	52.5	85.7	111.4	113.6	113.6	111.4
87.5°	4.3	3.2	3.2	8.6	21.4	39.6	70.7	93.2	94.3	73.9	71.8
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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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

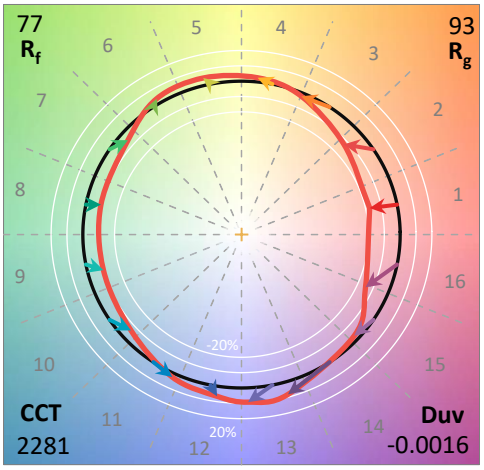
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

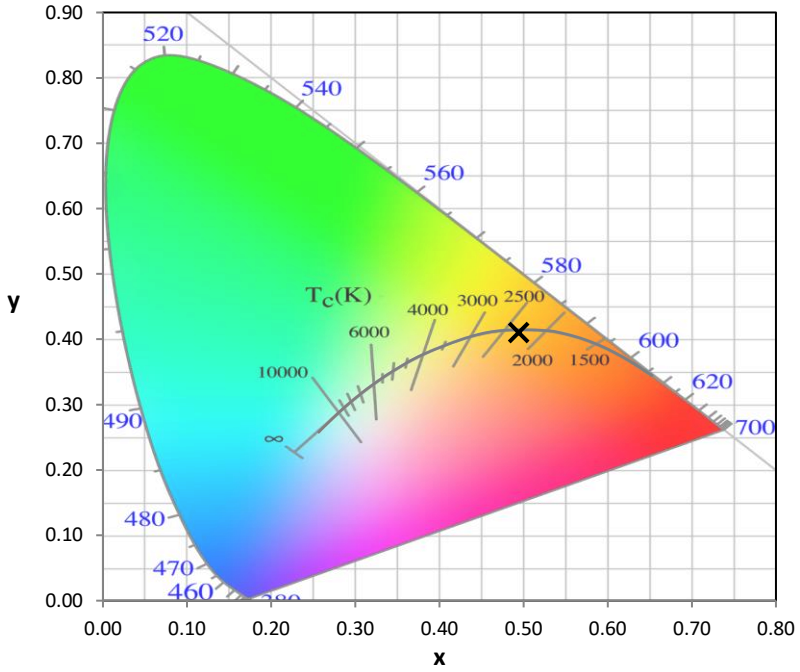
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

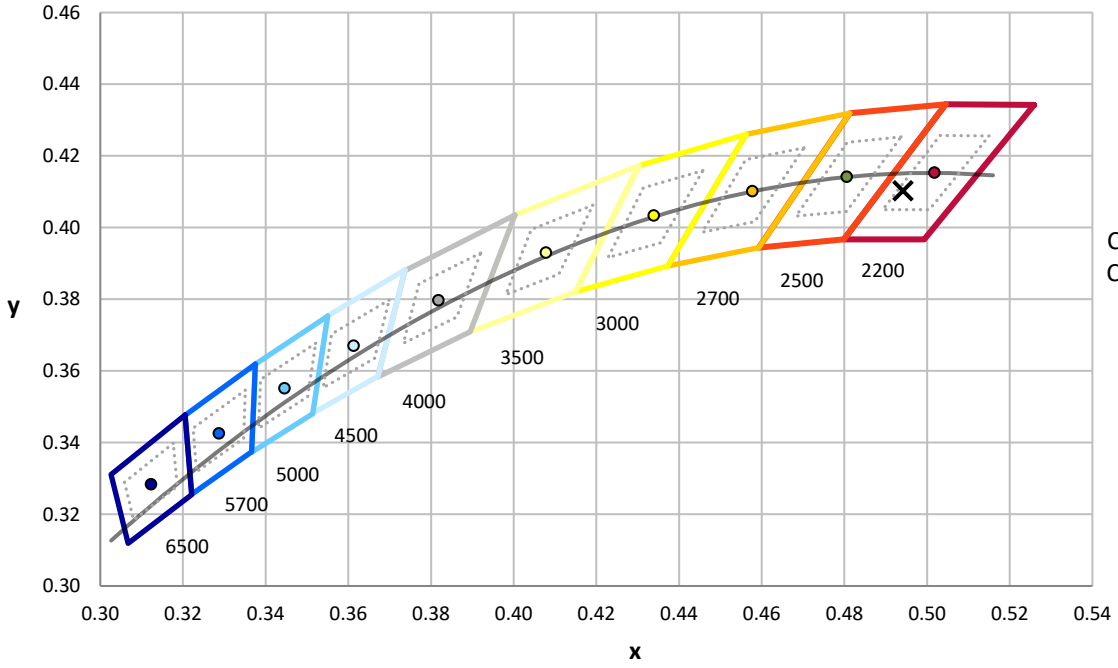
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

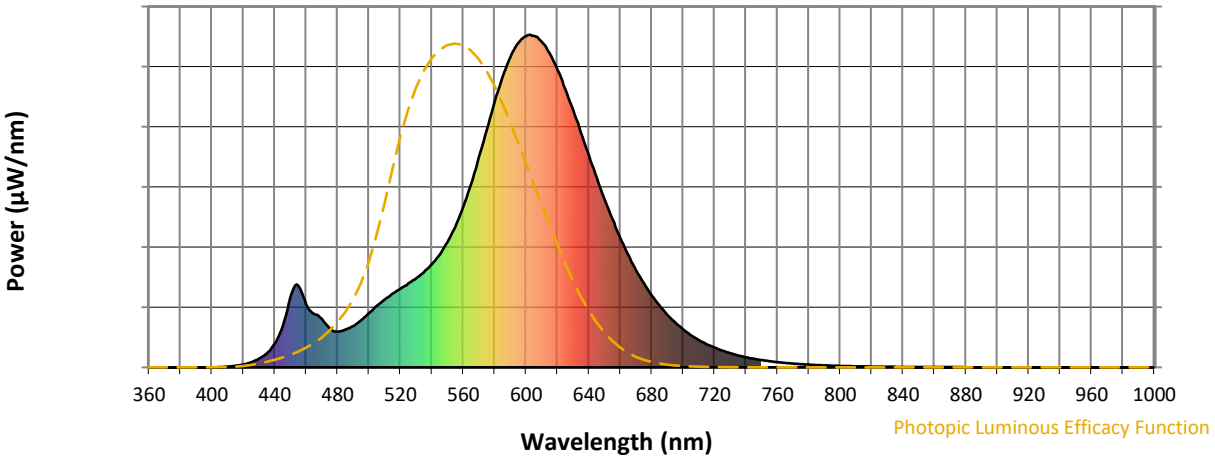


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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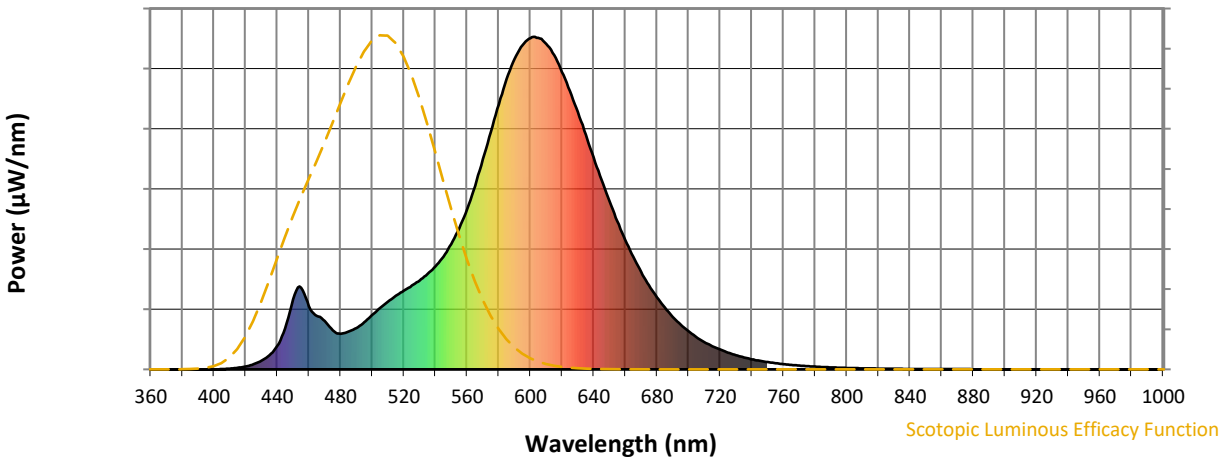
Scotopic Flux vs. Wavelength



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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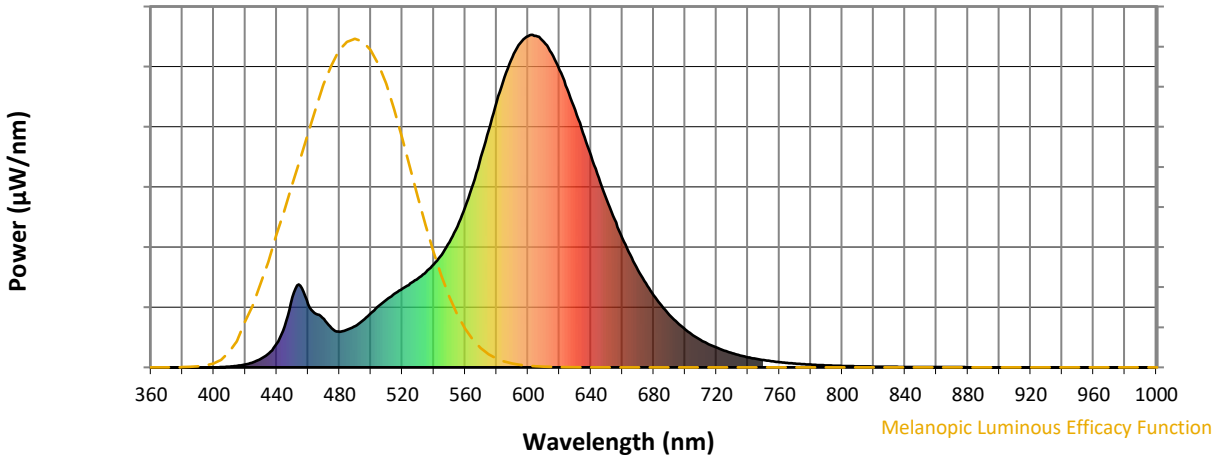
Melanopic Flux vs. Wavelength



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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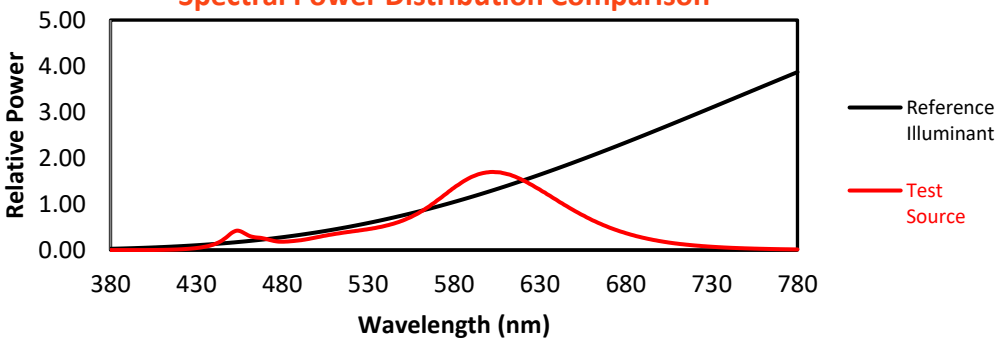
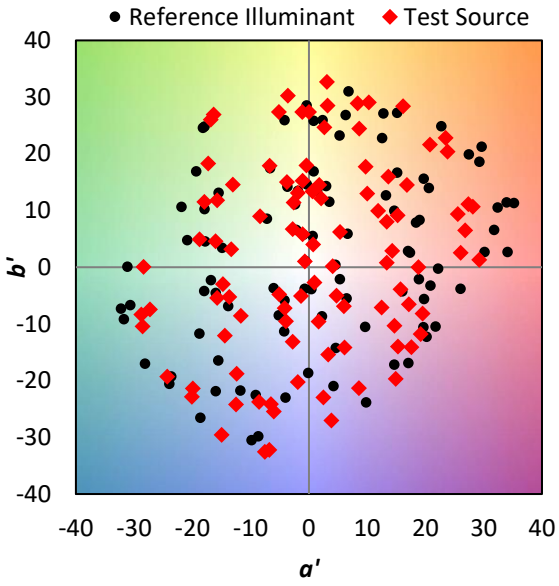
Summary

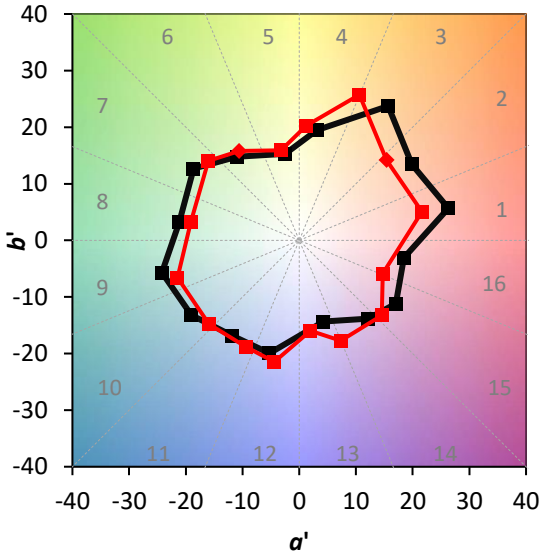
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

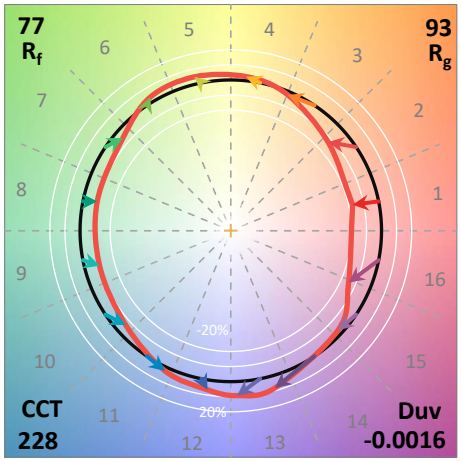
Spectral Power Distribution Comparison

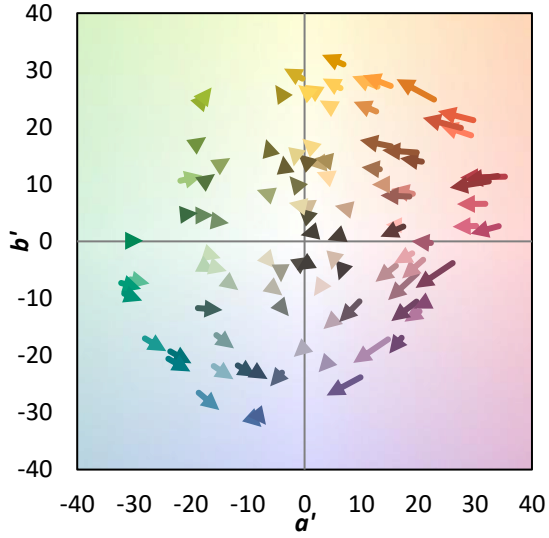


Color Vector Graphics









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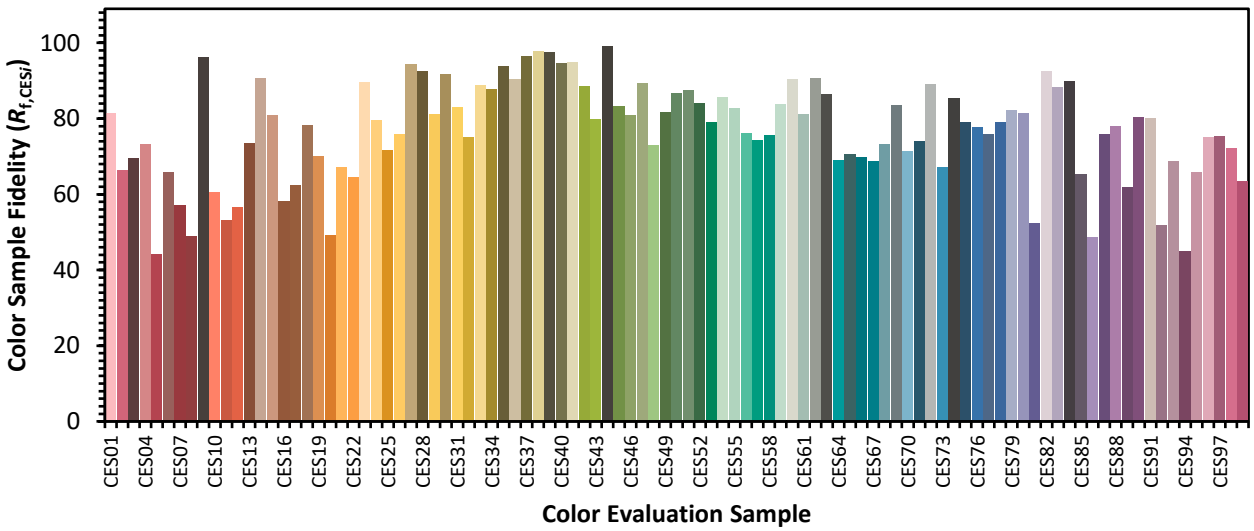
Individual Sample Fidelity Index ($R_{f,i}$)

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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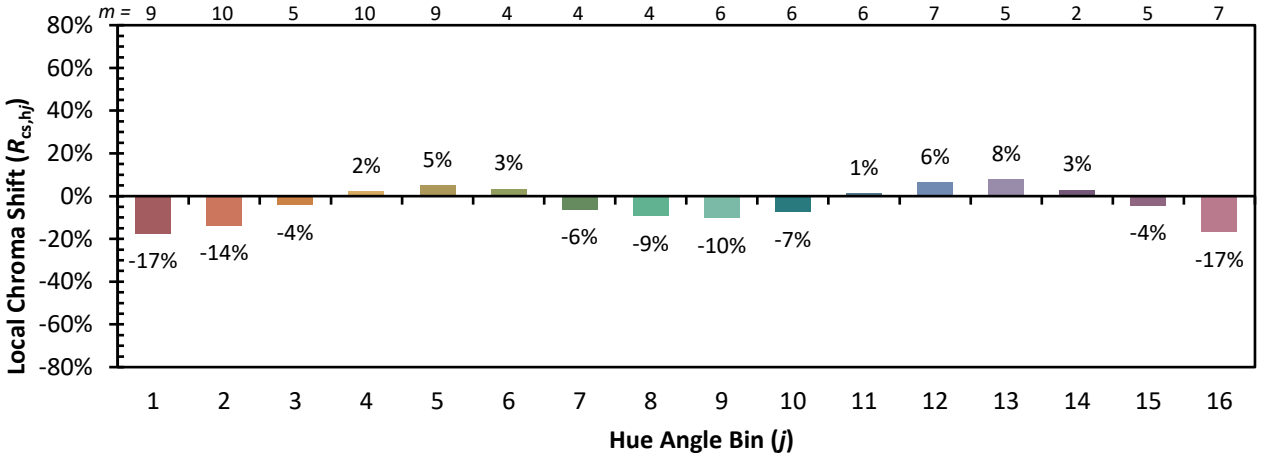
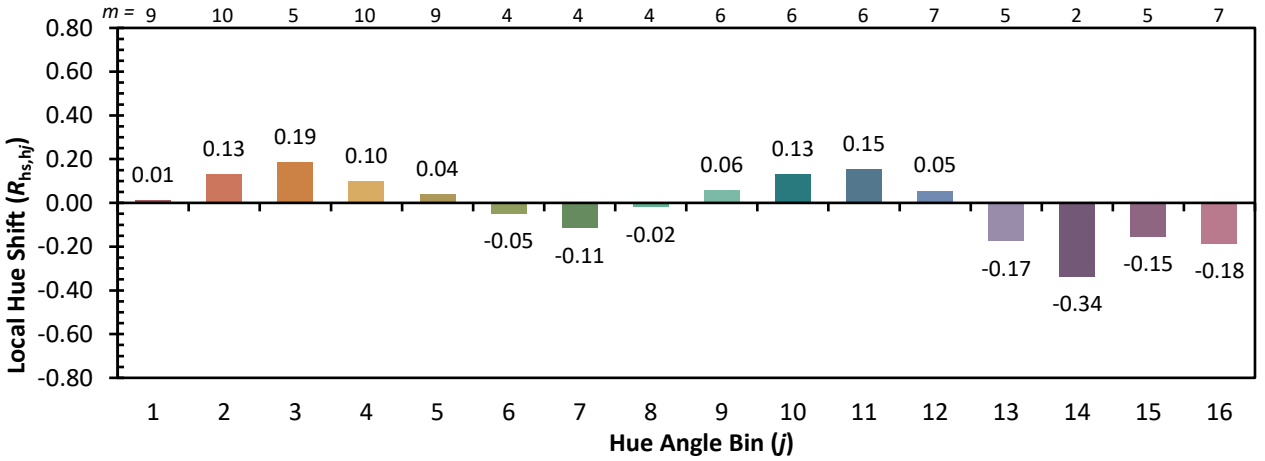
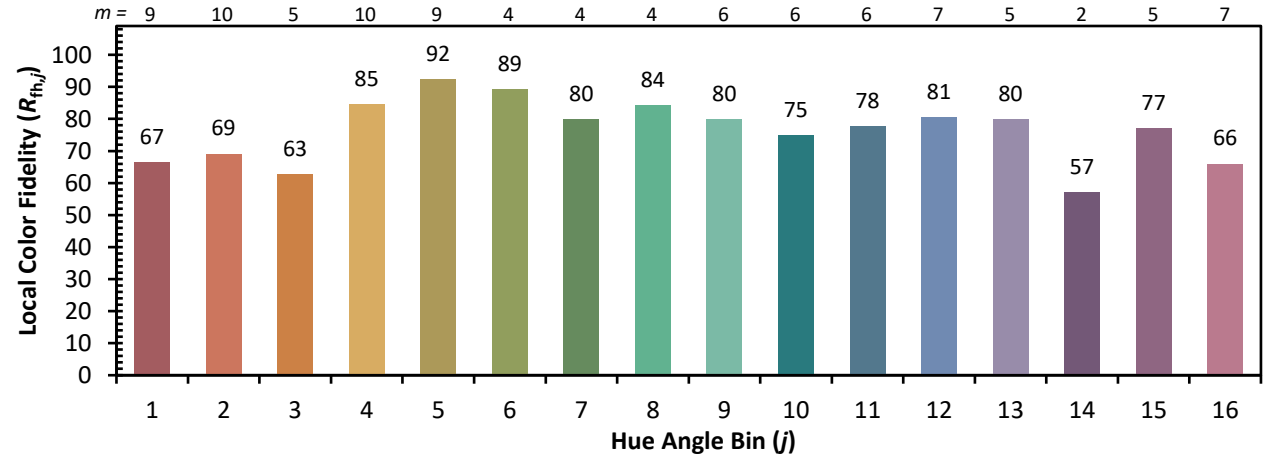
Color Rendition by Hue-Angle Bin







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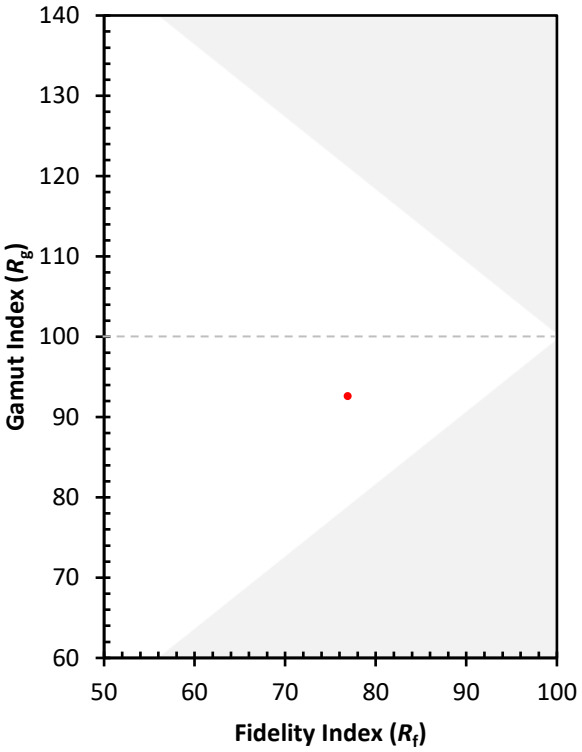
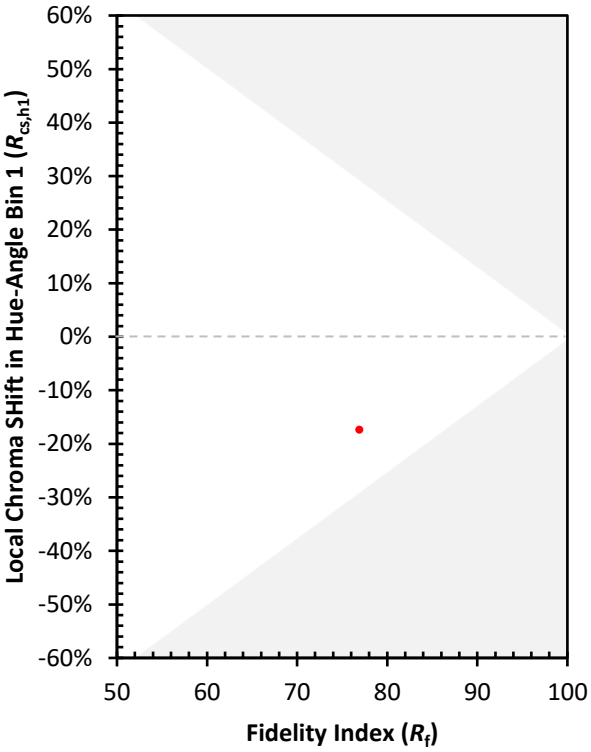
Measure Comparisons





(END OF REPORT)