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: P972299

Luminaire Tested: **GKO-PB2C-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:	P972299
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2C-722-U-T2R
Description:	GEKKO WALL PACK 8000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6974.4 lumens
Efficiency:	N/A
Efficacy:	119.8 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2

Input Watts (W):	58.2
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P972299
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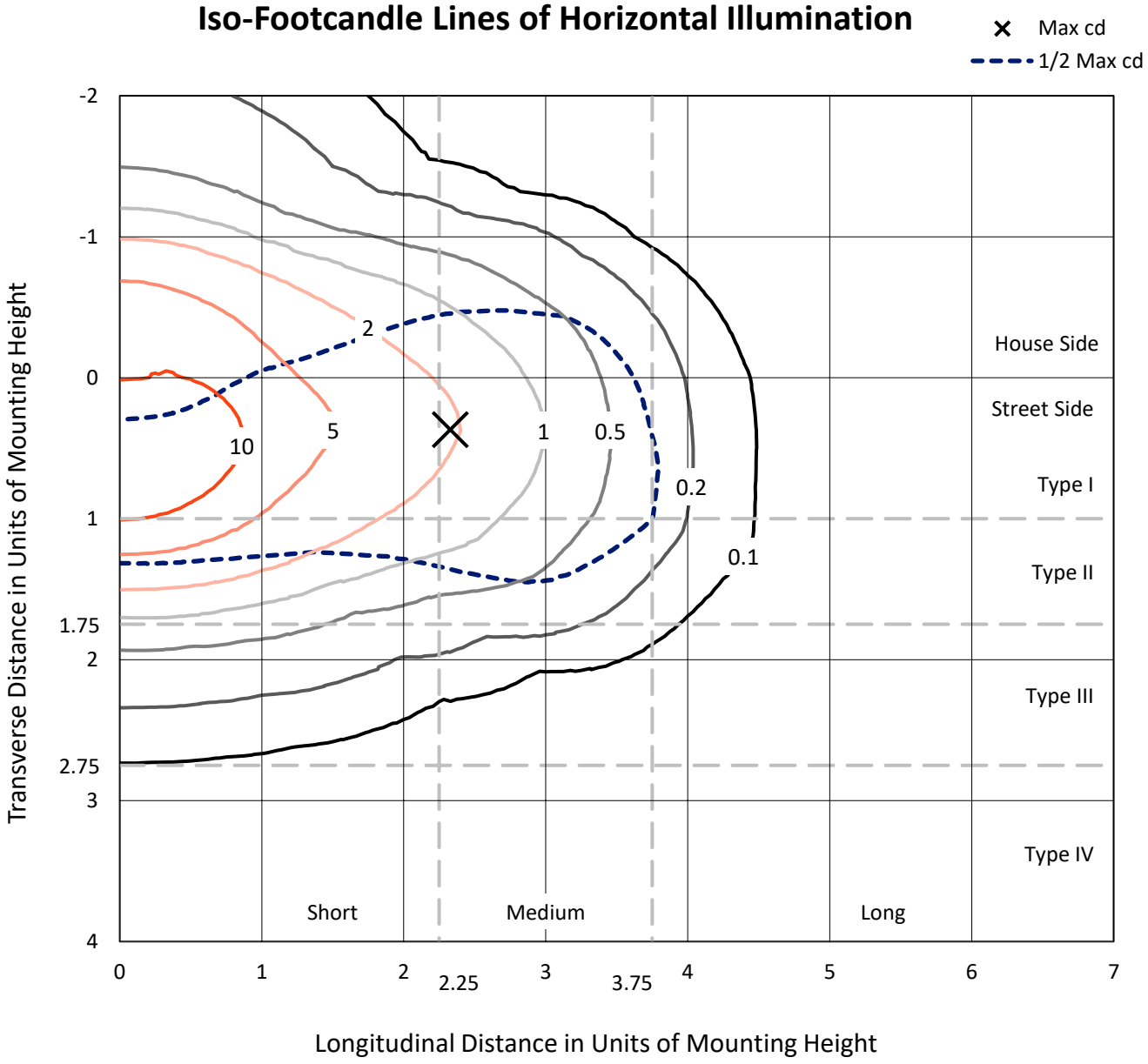
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 18.7 fc
Type II - Medium - N/A

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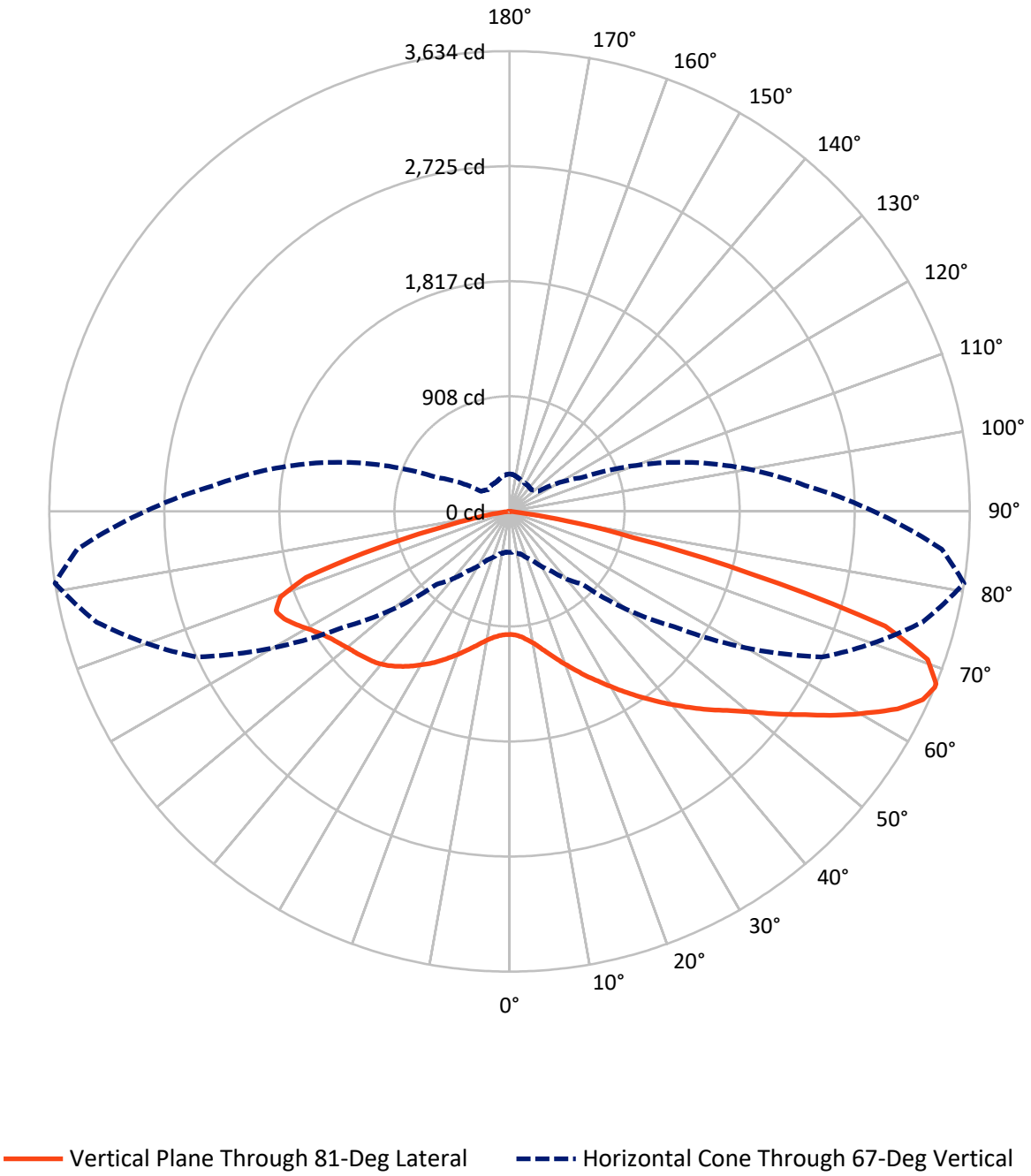
Luminous Intensity Polar Plot



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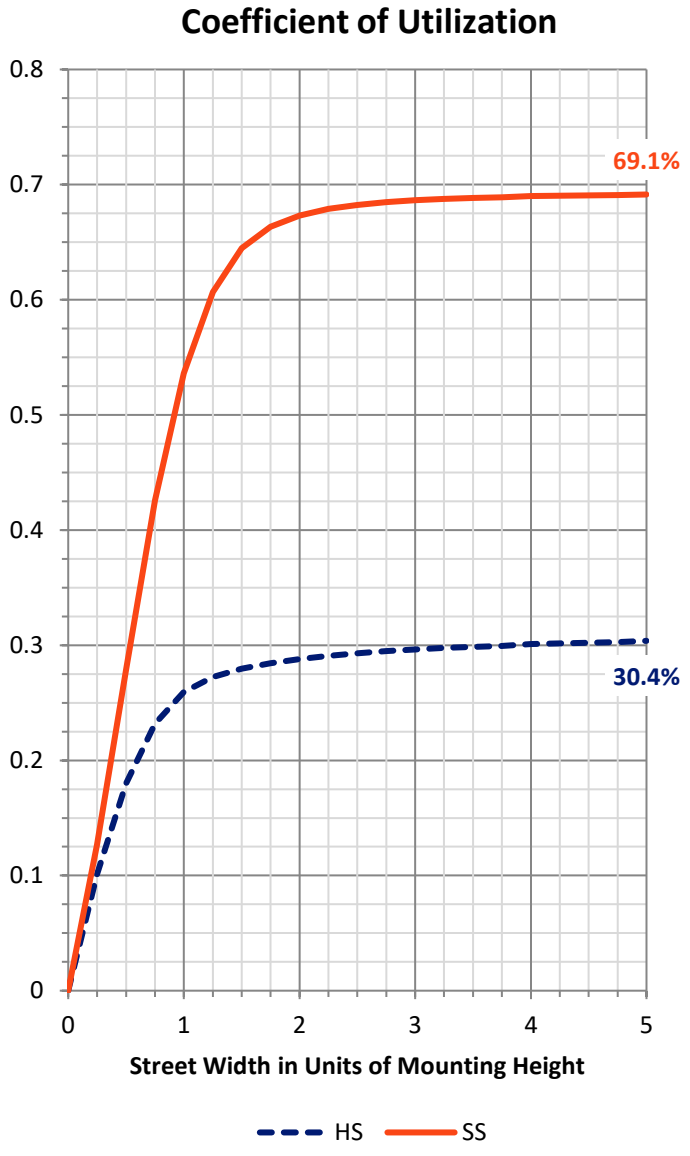
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2153.7	0.0	2153.7
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	4820.7	0.0	4820.7
	% Fixture	69.1	0.0	69.1
Total	Lumens	6974.4	0.0	6974.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.6	1.4
10°-20°	364.3	5.2
20°-30°	737.9	10.6
30°-40°	1163.6	16.7
40°-50°	1429.0	20.5
50°-60°	1365.1	19.6
60°-70°	1144.8	16.4
70°-80°	606.4	8.7
80°-90°	62.7	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°	6974.4	100.0
0°-180°	6974.4	100.0



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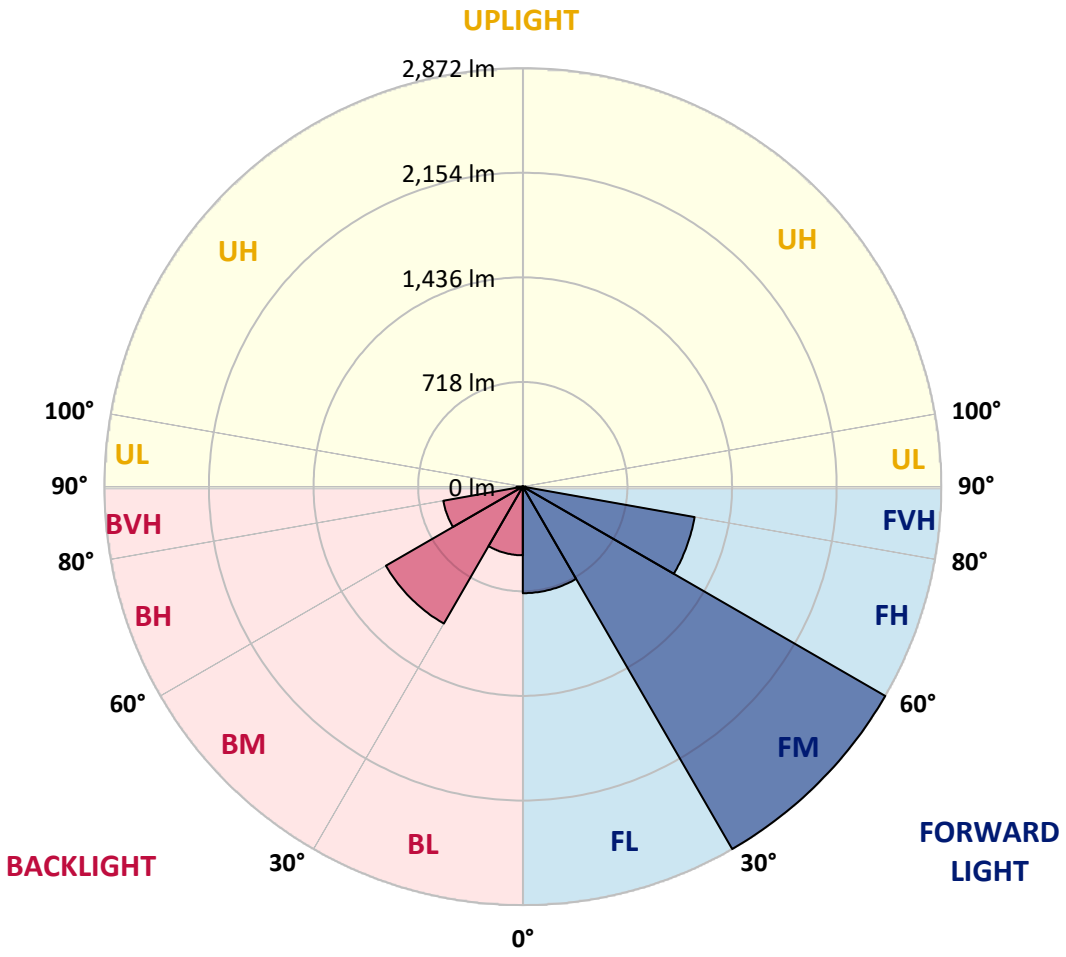
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	731.5	10.5			
FM	(30°-60°)	2872.5	41.2			
FH	(60°-80°)	1197.2	17.2			G1/1800
FVH	(80°-90°)	19.5	0.3			G1/100
BL	(0°-30°)	471.3	6.8	B1/500		
BM	(30°-60°)	1085.2	15.6	B2/2500		
BH	(60°-80°)	554.0	7.9	B2/1000		G2/1000
BVH	(80°-90°)	43.2	0.6			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 II Medium



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REPORT NUMBER: P972299
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	971.5	971.5	971.5	971.5	971.5	971.5	971.5	971.5	971.5	*971.5*	971.5
2.5°	1027.6	1030.2	1024.9	1023.6	1018.2	1010.2	1000.9	994.2	983.5	*978.2*	975.5
5°	1125.0	1119.6	1115.6	1109.0	1090.3	1074.3	1047.6	1028.9	1008.9	*995.5*	991.5
7.5°	1243.8	1246.4	1233.1	1215.7	1189.0	1157.0	1114.3	1079.6	1042.2	*1024.9*	1016.9
10°	1373.2	1383.9	1370.5	1349.2	1298.5	1250.4	1198.4	1138.3	1087.6	*1060.9*	1050.3
12.5°	1530.7	1537.3	1520.0	1492.0	1430.6	1358.5	1285.1	1210.4	1143.7	*1110.3*	1091.6
15°	1706.8	1701.5	1684.1	1642.8	1564.0	1484.0	1383.9	1286.5	1207.7	*1166.4*	1139.7
17.5°	1888.3	1881.6	1859.0	1805.6	1716.2	1616.1	1497.3	1374.5	1275.8	*1230.4*	1194.4
20°	2061.8	2055.1	2039.1	1979.1	1871.0	1748.2	1609.4	1476.0	1353.2	*1297.1*	1257.1
22.5°	2254.0	2248.6	2223.3	2149.9	2033.8	1899.0	1737.5	1578.7	1437.3	*1370.5*	1322.5
25°	2462.2	2463.5	2435.5	2332.7	2201.9	2044.5	1875.0	1694.8	1532.0	*1447.9*	1393.2
27.5°	2705.0	2703.7	2655.7	2544.9	2380.7	2199.3	2011.1	1816.3	1625.4	*1526.7*	1463.9
30°	2925.2	2919.9	2866.5	2755.7	2566.2	2362.1	2155.2	1933.7	1730.8	*1613.4*	1537.3
32.5°	3088.0	3089.4	3045.3	2923.9	2738.4	2520.9	2290.0	2065.8	1832.3	*1706.8*	1622.8
35°	3205.5	3206.8	3164.1	3060.0	2886.5	2669.0	2432.8	2189.9	1945.7	*1802.9*	1712.2
37.5°	3242.8	3242.8	3214.8	3133.4	2991.9	2802.4	2572.9	2331.4	2059.1	*1907.0*	1802.9
40°	3192.1	3196.1	3194.8	3141.4	3044.0	2894.5	2702.4	2467.5	2185.9	*2009.8*	1895.0
42.5°	3077.4	3080.0	3084.0	3064.0	3033.3	2943.9	2806.5	2606.3	2312.7	*2121.9*	1985.7
45°	2887.9	2898.5	2918.5	2926.6	2938.6	2931.9	2870.5	2735.7	2454.1	*2234.0*	2075.1
47.5°	2647.6	2665.0	2691.7	2739.7	2806.5	2859.8	2886.5	2835.8	2591.6	*2350.1*	2175.2
50°	2314.0	2332.7	2404.8	2504.9	2637.0	2741.1	2842.5	2910.5	2745.1	*2491.5*	2287.3
52.5°	1852.3	1892.3	2013.8	2205.9	2432.8	2587.6	2749.1	2946.6	2901.2	*2658.3*	2420.8
55°	1409.2	1423.9	1580.0	1810.9	2160.6	2422.1	2621.0	2927.9	3048.0	*2833.1*	2572.9
57.5°	984.9	1000.9	1137.0	1389.2	1776.2	2205.9	2492.8	2865.2	3181.4	*3038.7*	2747.7
60°	699.3	716.6	818.0	1004.9	1379.9	1891.0	2374.1	2785.1	3297.5	*3233.5*	2949.2
62.5°	508.4	517.8	571.2	728.6	996.9	1478.6	2204.6	2733.1	3379.0	*3436.3*	3156.1
65°	389.7	399.0	429.7	528.5	736.6	1080.9	1900.3	2731.7	3400.3	*3585.8*	3334.9
67°	*324.3*	*322.9*	*349.6*	*424.4*	*575.2*	*812.7*	*1586.7*	*2721.0*	*3376.3*	*3633.8*	*3425.7*
67.5°	306.9	312.3	333.6	396.3	543.1	748.7	1518.7	2703.7	3368.3	*3632.5*	3432.3
70°	244.2	245.5	264.2	313.6	408.4	543.1	1093.0	2532.9	3246.8	*3501.7*	3357.6
72.5°	178.8	177.5	205.5	237.5	312.3	395.0	732.6	2127.2	2983.9	*3102.7*	2985.3
75°	132.1	130.8	145.5	181.5	222.9	294.9	475.1	1387.9	2020.4	*1973.7*	1822.9
77.5°	88.1	90.7	104.1	133.4	158.8	182.8	237.5	639.2	1113.0	*1006.2*	968.8
80°	53.4	49.4	58.7	76.1	92.1	93.4	101.4	276.2	477.8	*455.1*	427.0
82.5°	18.7	18.7	22.7	30.7	30.7	30.7	37.4	66.7	94.7	*86.7*	82.7
85°	0.0	0.0	0.0	0.0	2.7	4.0	2.7	5.3	9.3	*10.7*	10.7
87.5°	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7	4.0	*5.3*	5.3
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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REPORT NUMBER: P972299
CATALOG NUMBER: GKO-PB2C-722-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	971.5	971.5	971.5	971.5	971.5	971.5	971.5	971.5	971.5	971.5	971.5
2.5°	975.5	975.5	971.5	966.2	963.5	962.2	958.2	952.8	956.8	960.8	960.8
5°	988.9	986.2	978.2	972.8	968.8	968.8	963.5	962.2	966.2	970.2	968.8
7.5°	1010.2	1004.9	995.5	987.5	988.9	990.2	982.2	982.2	986.2	990.2	990.2
10°	1039.6	1030.2	1020.9	1014.2	1015.6	1016.9	1008.9	1006.2	1010.2	1014.2	1016.9
12.5°	1076.9	1064.9	1054.3	1047.6	1046.2	1047.6	1039.6	1036.9	1036.9	1039.6	1039.6
15°	1121.0	1107.6	1094.3	1084.9	1082.3	1080.9	1070.3	1060.9	1060.9	1062.3	1062.3
17.5°	1171.7	1153.0	1135.7	1125.0	1118.3	1109.0	1097.0	1083.6	1079.6	1080.9	1080.9
20°	1222.4	1202.4	1179.7	1165.0	1151.7	1135.7	1117.0	1099.6	1091.6	1091.6	1090.3
22.5°	1281.1	1254.4	1223.7	1203.7	1179.7	1153.0	1126.3	1103.6	1095.6	1093.0	1093.0
25°	1341.2	1310.5	1266.4	1235.7	1201.0	1162.3	1127.7	1097.0	1083.6	1078.3	1078.3
27.5°	1402.6	1366.5	1309.1	1265.1	1214.4	1161.0	1114.3	1075.6	1056.9	1050.3	1047.6
30°	1472.0	1419.9	1346.5	1286.5	1217.1	1149.0	1089.0	1043.6	1015.6	999.5	1000.9
32.5°	1544.0	1478.6	1381.2	1299.8	1213.1	1126.3	1050.3	992.9	956.8	942.2	936.8
35°	1617.4	1534.7	1411.9	1306.5	1199.7	1091.6	1000.9	936.8	896.8	875.4	875.4
37.5°	1692.1	1593.4	1433.3	1305.1	1175.7	1046.2	943.5	875.4	828.7	802.0	795.4
40°	1765.5	1648.1	1449.3	1294.5	1139.7	991.5	882.1	808.7	746.0	711.3	705.9
42.5°	1837.6	1693.5	1457.3	1277.1	1097.0	931.5	812.7	714.0	653.9	621.9	620.5
45°	1903.0	1729.5	1458.6	1254.4	1040.9	863.4	719.3	624.5	564.5	531.1	531.1
47.5°	1967.1	1769.5	1457.3	1225.1	979.5	775.3	620.5	528.5	473.7	452.4	445.7
50°	2044.5	1809.6	1455.9	1189.0	900.8	669.9	524.5	445.7	399.0	377.7	377.7
52.5°	2123.2	1856.3	1458.6	1138.3	807.4	567.2	439.1	369.7	339.0	325.6	324.3
55°	2224.6	1905.7	1465.3	1078.3	710.0	467.1	365.7	318.9	297.6	290.9	292.3
57.5°	2347.4	1973.7	1478.6	1007.5	596.5	383.0	313.6	288.3	282.9	285.6	286.9
60°	2487.5	2057.8	1497.3	927.5	496.4	318.9	282.9	277.6	282.9	293.6	294.9
62.5°	2650.3	2159.2	1521.3	838.1	397.7	280.2	269.6	273.6	277.6	294.9	296.3
65°	2794.4	2268.6	1526.7	732.6	322.9	254.9	261.6	264.2	274.9	294.9	296.3
67°	*2875.8*	*2343.4*	*1490.6*	*632.6*	*276.2*	*241.5*	*250.9*	*253.6*	*272.2*	*292.3*	*294.9*
67.5°	2885.2	2359.4	1466.6	607.2	266.9	238.9	248.2	253.6	272.2	292.3	293.6
70°	2857.2	2348.7	1306.5	457.7	220.2	220.2	230.9	242.9	261.6	282.9	292.3
72.5°	2607.6	2141.9	1011.5	310.9	186.8	198.8	214.9	232.2	249.6	274.9	290.9
75°	1648.1	1378.5	619.2	208.2	156.1	177.5	202.8	222.9	237.5	256.2	266.9
77.5°	880.8	681.9	266.9	122.8	122.8	157.5	188.2	206.8	214.9	221.5	228.2
80°	416.4	317.6	129.4	73.4	85.4	122.8	166.8	186.8	189.5	197.5	200.2
82.5°	82.7	72.1	42.7	38.7	56.0	88.1	138.8	161.5	162.8	176.2	178.8
85°	10.7	9.3	6.7	14.7	36.0	65.4	106.8	138.8	141.5	141.5	138.8
87.5°	5.3	4.0	4.0	10.7	26.7	49.4	88.1	116.1	117.4	92.1	89.4
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

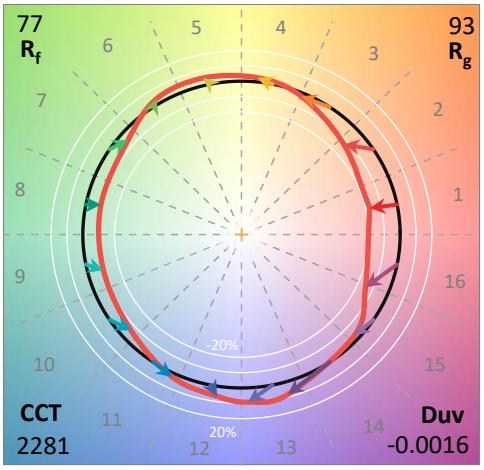
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

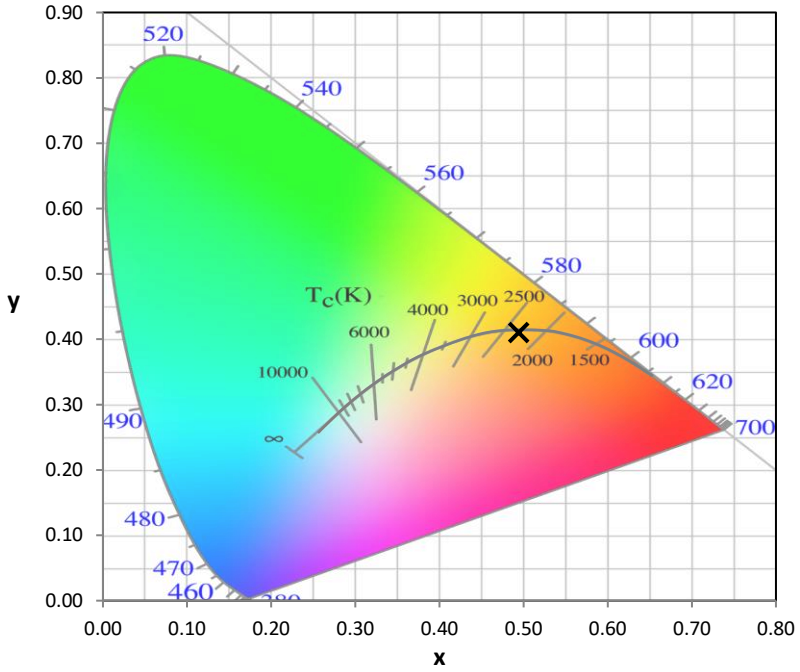
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

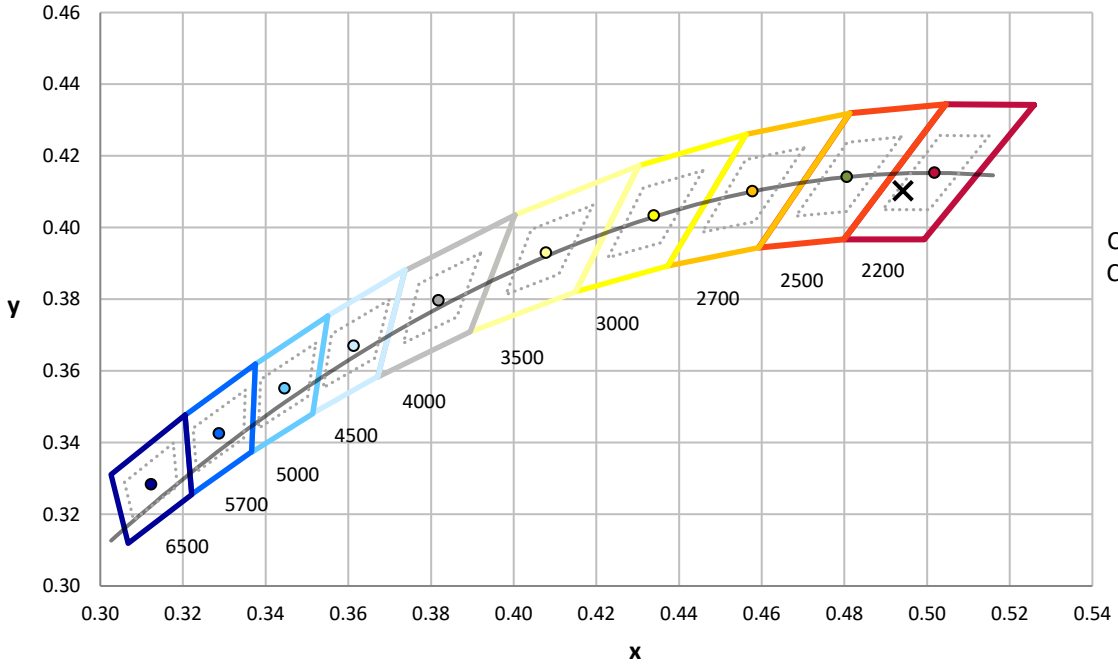
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

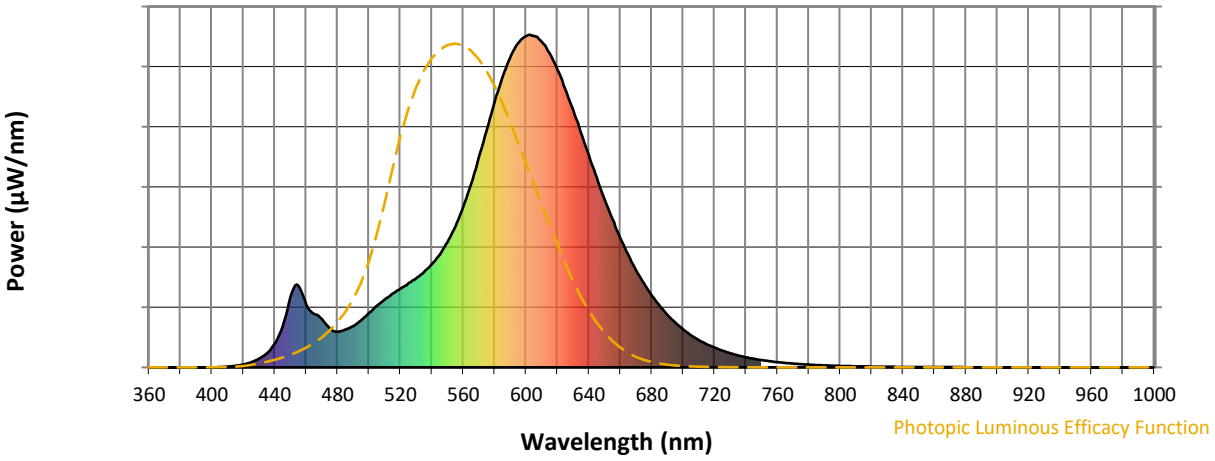


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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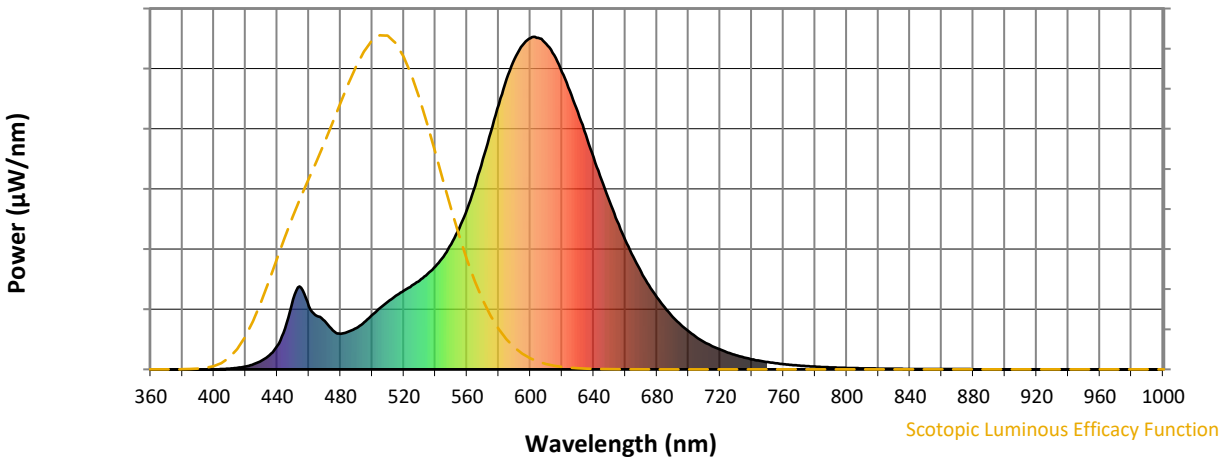
Scotopic Flux vs. Wavelength



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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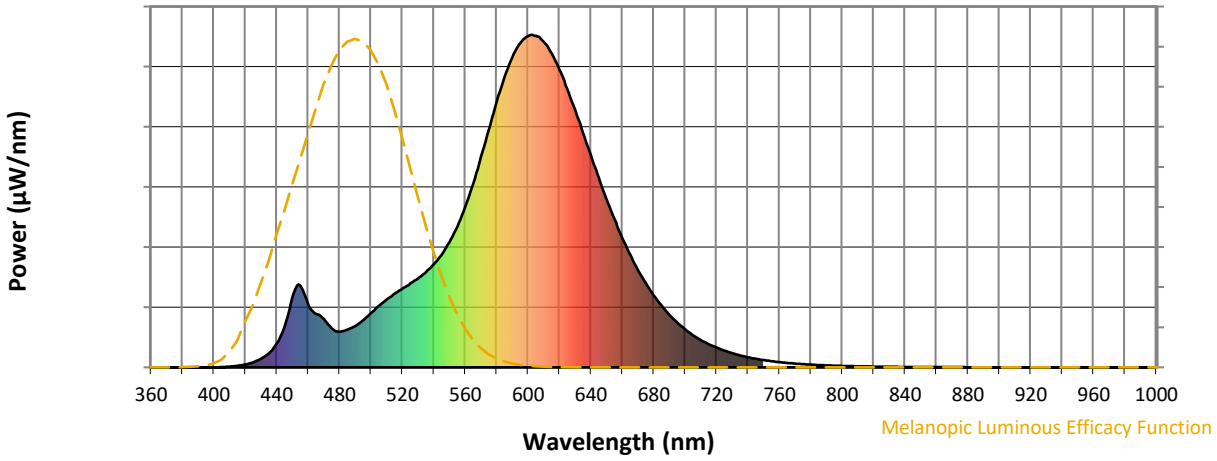
Melanopic Flux vs. Wavelength



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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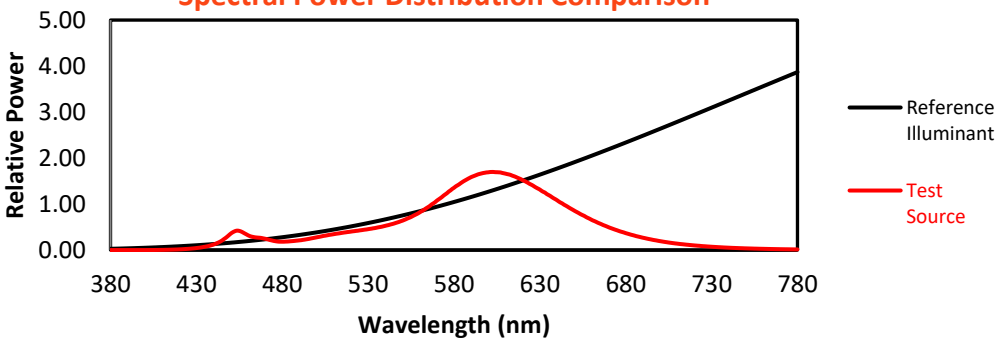
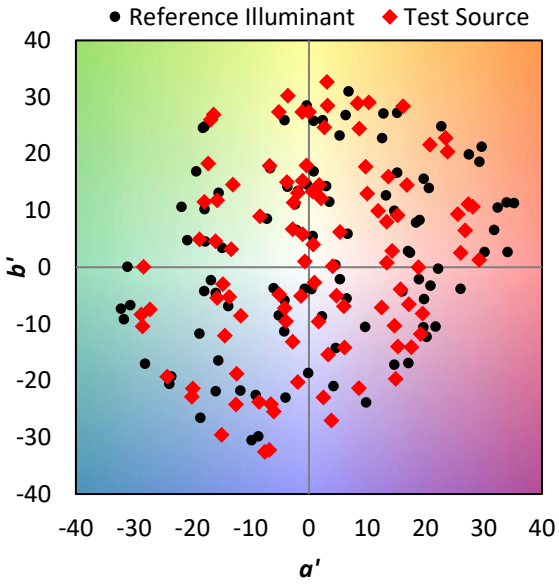
Summary

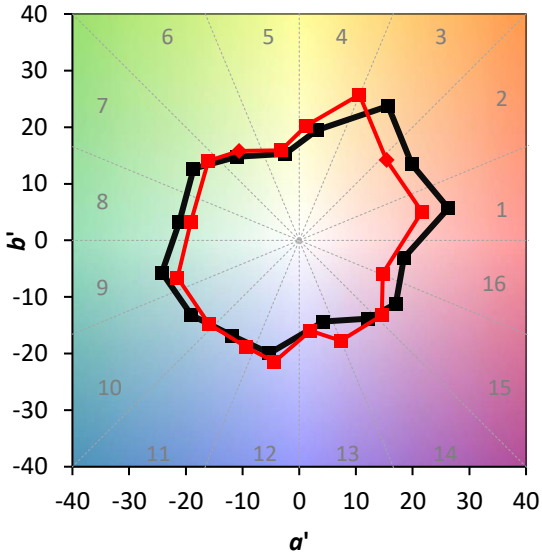
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

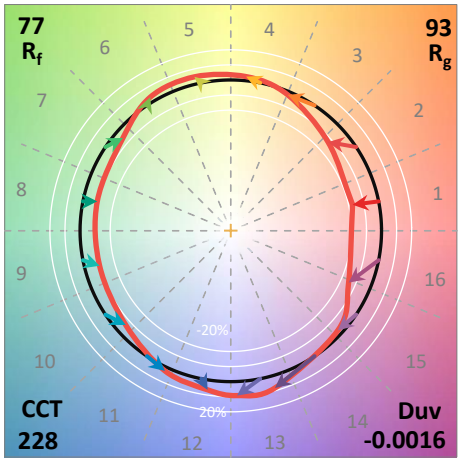
Spectral Power Distribution Comparison

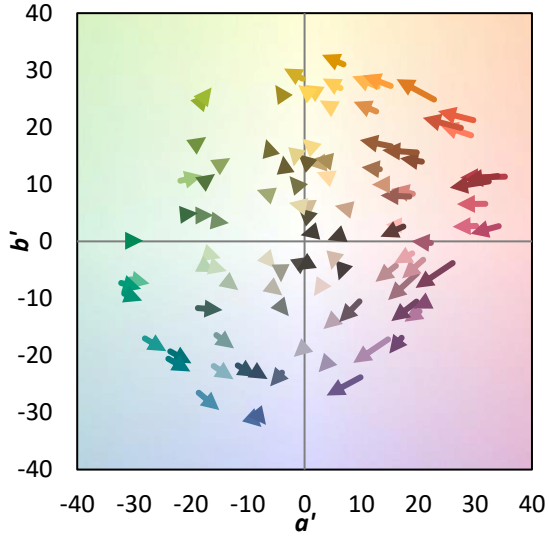


Color Vector Graphics









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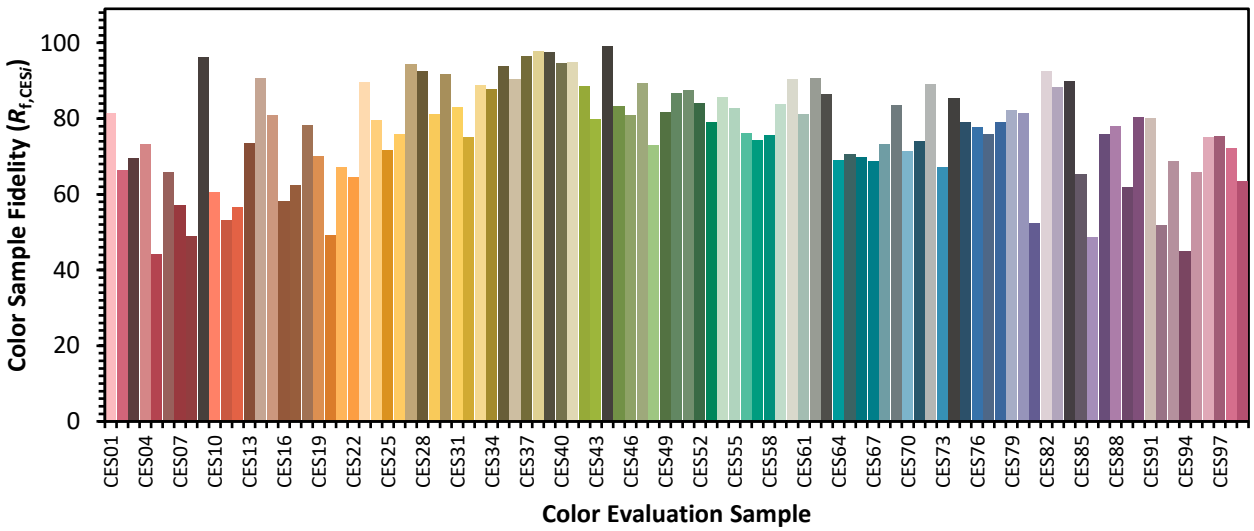
Individual Sample Fidelity Index ($R_{f,i}$)

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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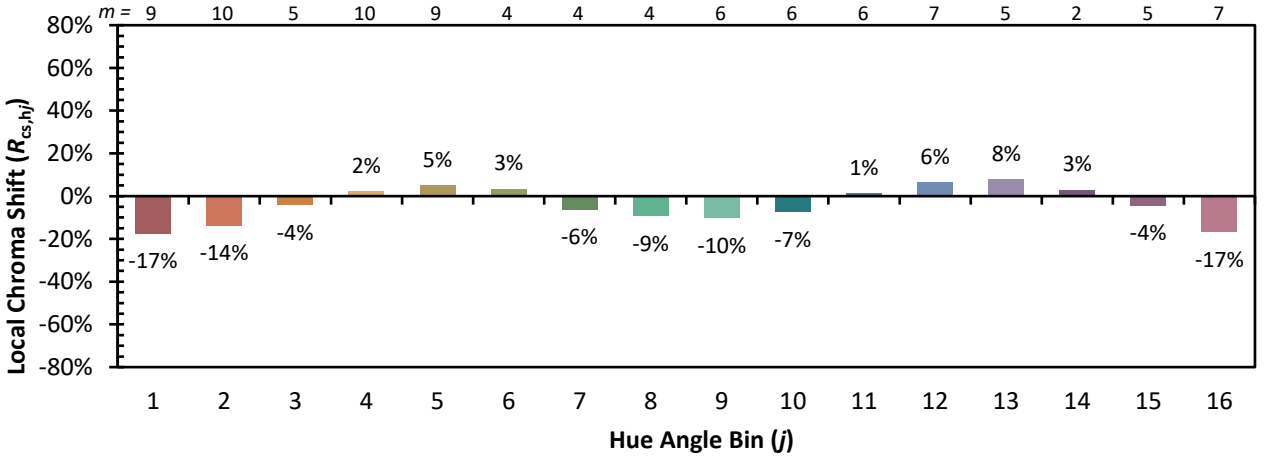
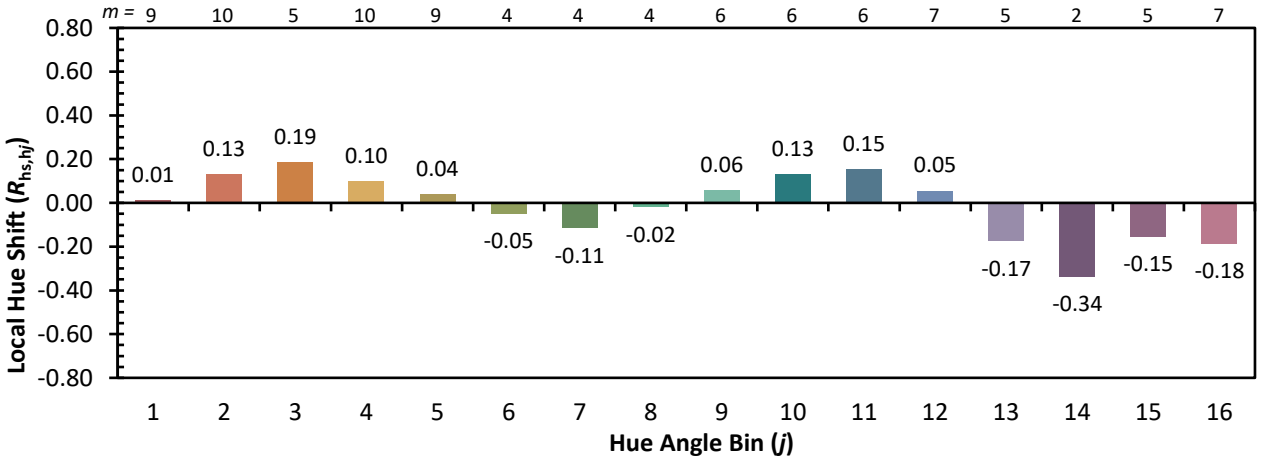
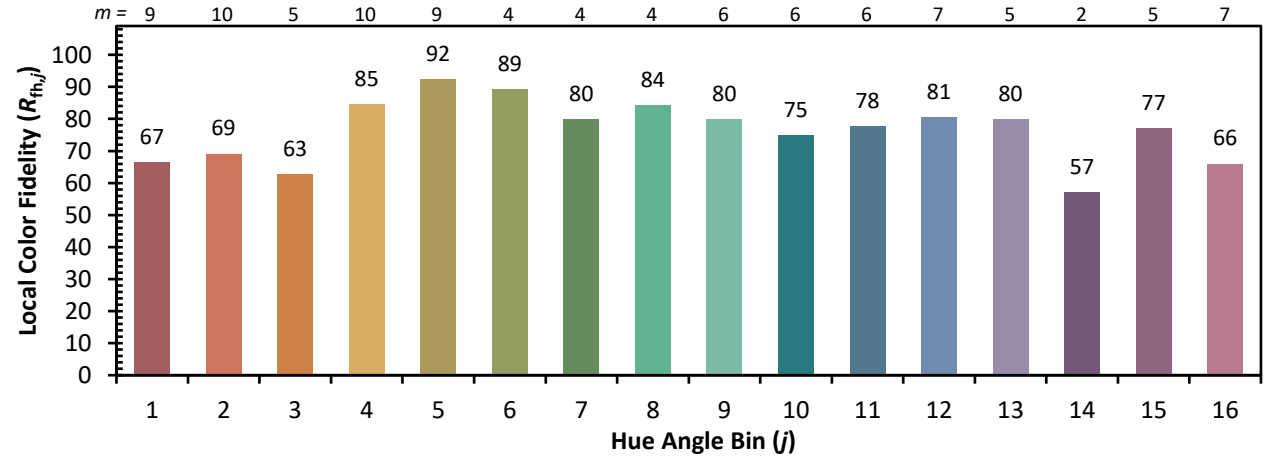
Color Rendition by Hue-Angle Bin







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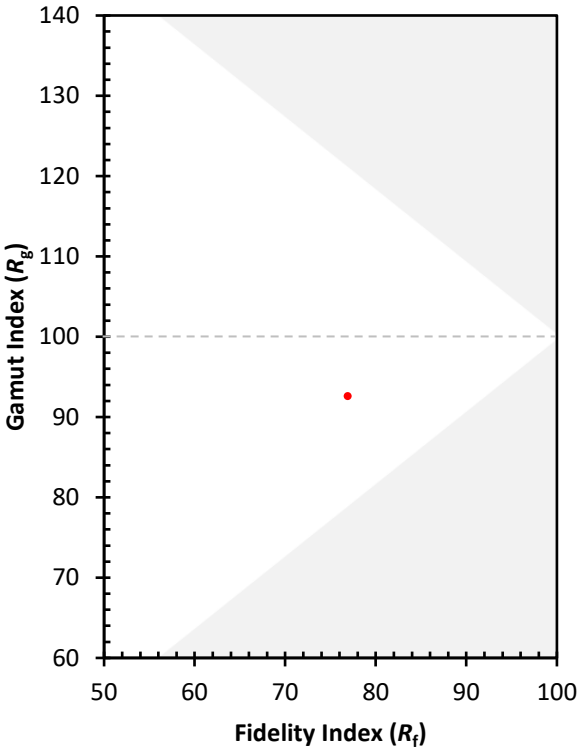
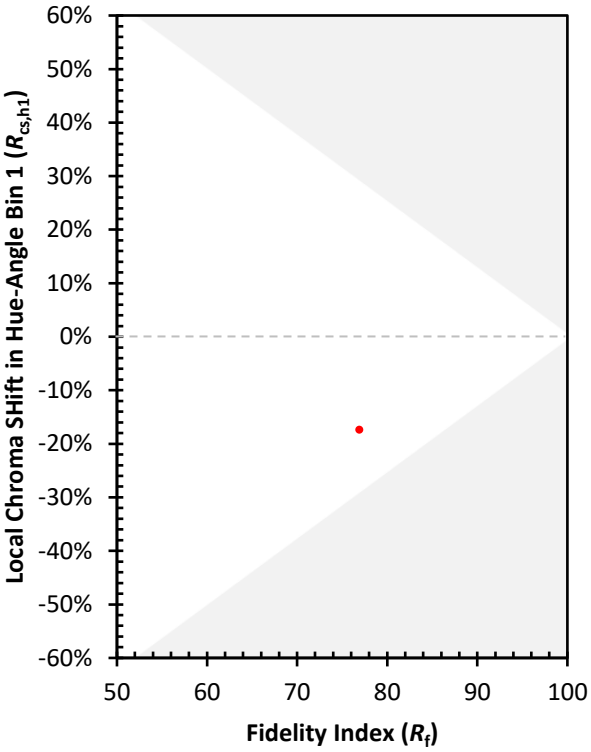
Measure Comparisons





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