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: P972298

Luminaire Tested: **GKO-PB2D-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:	P972298
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2D-722-U-T2R
Description:	GEKKO WALL PACK 10000LM 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:	8725.6 lumens
Efficiency:	N/A
Efficacy:	114.5 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):	76.2
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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REPORT NUMBER: P972298
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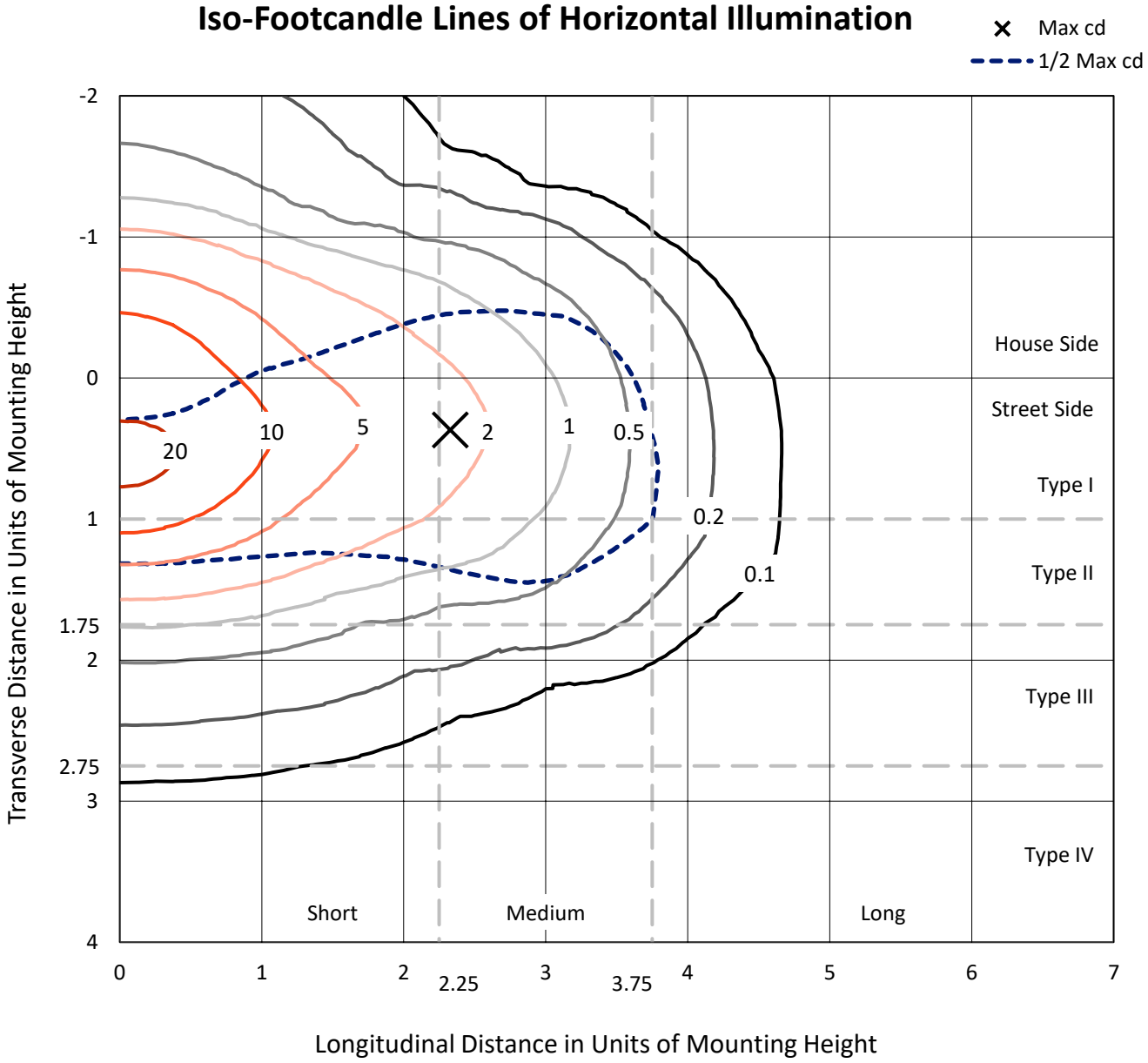
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 23.4 fc
Type II - Medium - N/A

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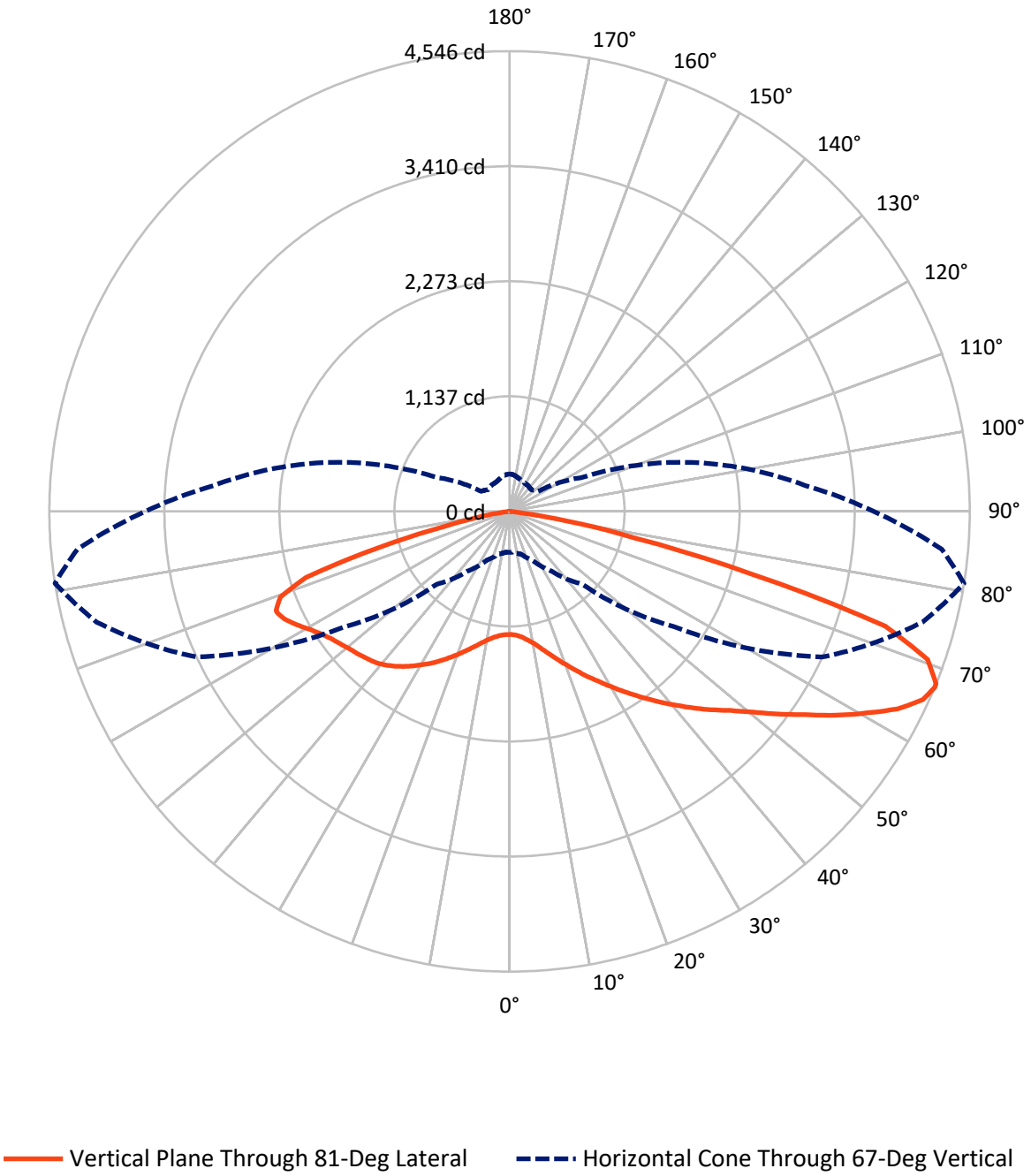
Luminous Intensity Polar Plot



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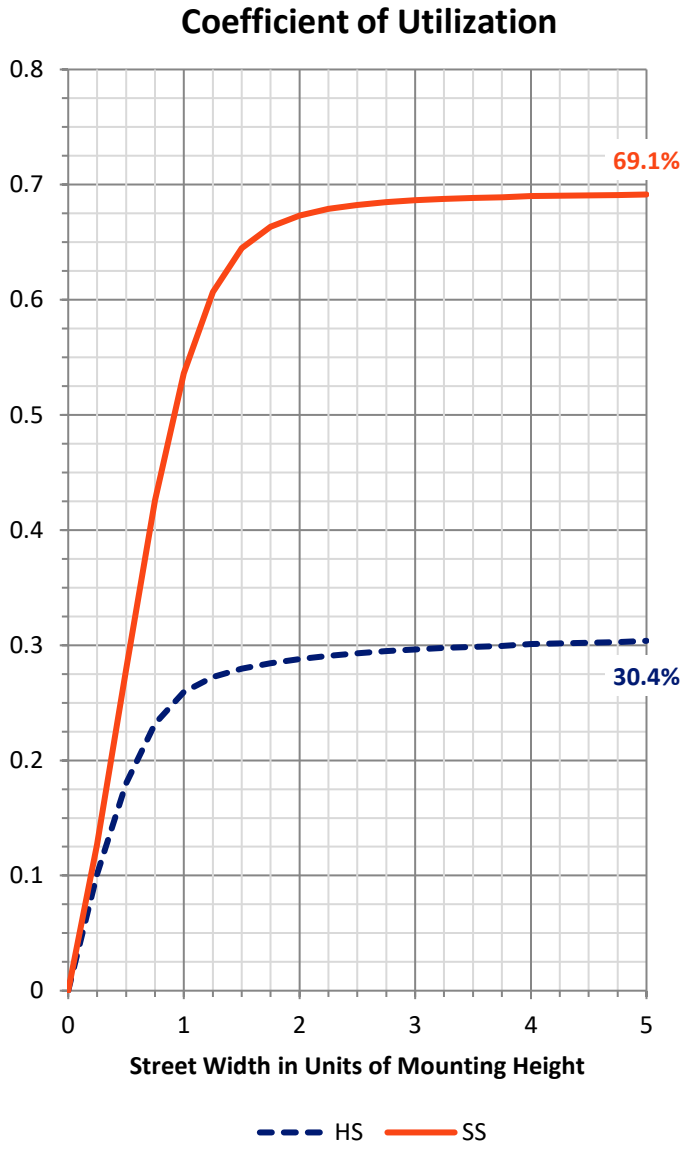
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2694.4	0.0	2694.4
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	6031.1	0.0	6031.1
	% Fixture	69.1	0.0	69.1
Total	Lumens	8725.6	0.0	8725.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.9	1.4
10°-20°	455.7	5.2
20°-30°	923.2	10.6
30°-40°	1455.7	16.7
40°-50°	1787.8	20.5
50°-60°	1707.9	19.6
60°-70°	1432.3	16.4
70°-80°	758.7	8.7
80°-90°	78.4	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°	8725.6	100.0
0°-180°	8725.6	100.0



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REPORT NUMBER: P972298
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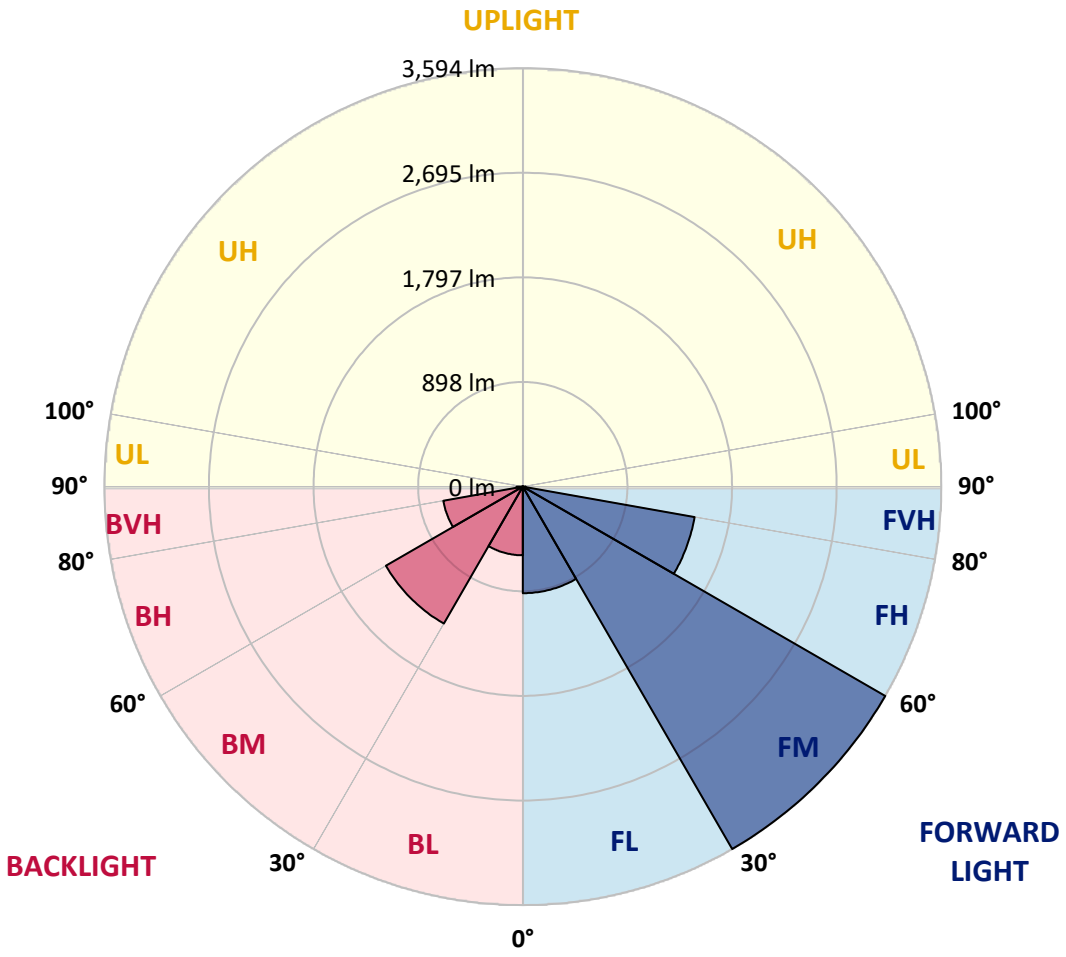
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	915.2	10.5			
FM	(30°-60°)	3593.7	41.2			
FH	(60°-80°)	1497.9	17.2			G1/1800
FVH	(80°-90°)	24.4	0.3			G1/100
BL	(0°-30°)	589.6	6.8	B2/1000		
BM	(30°-60°)	1357.6	15.6	B2/2500		
BH	(60°-80°)	693.1	7.9	B2/1000		G2/1000
BVH	(80°-90°)	54.0	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: P972298
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	*1215.5*	1215.5
2.5°	1285.6	1288.9	1282.2	1280.6	1273.9	1263.9	1252.2	1243.8	1230.5	*1223.8*	1220.5
5°	1407.5	1400.8	1395.8	1387.4	1364.0	1344.0	1310.6	1287.2	1262.2	*1245.5*	1240.5
7.5°	1556.0	1559.4	1542.7	1521.0	1487.6	1447.5	1394.1	1350.7	1303.9	*1282.2*	1272.2
10°	1718.0	1731.4	1714.7	1687.9	1624.5	1564.4	1499.3	1424.1	1360.7	*1327.3*	1314.0
12.5°	1915.0	1923.4	1901.6	1866.6	1789.8	1699.6	1607.8	1514.3	1430.8	*1389.1*	1365.7
15°	2135.4	2128.7	2107.0	2055.2	1956.7	1856.6	1731.4	1609.5	1511.0	*1459.2*	1425.8
17.5°	2362.5	2354.1	2325.7	2258.9	2147.1	2021.9	1873.3	1719.7	1596.1	*1539.3*	1494.3
20°	2579.5	2571.1	2551.1	2476.0	2340.7	2187.1	2013.5	1846.6	1693.0	*1622.8*	1572.7
22.5°	2819.9	2813.2	2781.5	2689.7	2544.4	2375.8	2173.8	1975.1	1798.1	*1714.7*	1654.6
25°	3080.4	3082.0	3047.0	2918.4	2754.8	2557.8	2345.8	2120.4	1916.7	*1811.5*	1743.0
27.5°	3384.2	3382.6	3322.5	3183.9	2978.5	2751.5	2516.1	2272.3	2033.5	*1910.0*	1831.5
30°	3659.7	3653.0	3586.3	3447.7	3210.6	2955.2	2696.4	2419.2	2165.4	*2018.5*	1923.4
32.5°	3863.4	3865.1	3810.0	3658.0	3426.0	3153.8	2865.0	2584.5	2292.3	*2135.4*	2030.2
35°	4010.3	4012.0	3958.6	3828.3	3611.3	3339.2	3043.6	2739.8	2434.2	*2255.6*	2142.1
37.5°	4057.1	4057.1	4022.0	3920.2	3743.2	3506.1	3218.9	2916.8	2576.2	*2385.8*	2255.6
40°	3993.6	3998.6	3997.0	3930.2	3808.3	3621.3	3380.9	3087.0	2734.8	*2514.4*	2370.8
42.5°	3850.0	3853.4	3858.4	3833.3	3794.9	3683.1	3511.1	3260.7	2893.4	*2654.6*	2484.3
45°	3613.0	3626.3	3651.4	3661.4	3676.4	3668.1	3591.3	3422.6	3070.4	*2794.9*	2596.2
47.5°	3312.4	3334.1	3367.5	3427.6	3511.1	3577.9	3611.3	3547.9	3242.3	*2940.1*	2721.4
50°	2895.0	2918.4	3008.6	3133.8	3299.1	3429.3	3556.2	3641.3	3434.3	*3117.1*	2861.7
52.5°	2317.4	2367.5	2519.4	2759.8	3043.6	3237.3	3439.3	3686.4	3629.7	*3325.8*	3028.6
55°	1763.1	1781.4	1976.8	2265.6	2703.0	3030.3	3279.0	3663.1	3813.3	*3544.5*	3218.9
57.5°	1232.1	1252.2	1422.5	1738.0	2222.2	2759.8	3118.8	3584.6	3980.3	*3801.6*	3437.7
60°	874.9	896.6	1023.5	1257.2	1726.3	2365.8	2970.2	3484.4	4125.5	*4045.4*	3689.8
62.5°	636.1	647.8	714.6	911.6	1247.2	1849.9	2758.1	3419.3	4227.4	*4299.2*	3948.5
65°	487.5	499.2	537.6	661.2	921.6	1352.4	2377.5	3417.6	4254.1	*4486.2*	4172.3
67°	*405.7*	*404.0*	*437.4*	*530.9*	*719.6*	*1016.8*	*1985.1*	*3404.3*	*4224.0*	*4546.3*	*4285.8*
67.5°	384.0	390.7	417.4	495.9	679.5	936.6	1900.0	3382.6	4214.0	*4544.6*	4294.2
70°	305.5	307.2	330.6	392.4	510.9	679.5	1367.4	3168.9	4062.1	*4381.0*	4200.7
72.5°	223.7	222.1	257.1	297.2	390.7	494.2	916.6	2661.3	3733.2	*3881.8*	3734.8
75°	165.3	163.6	182.0	227.1	278.8	369.0	594.4	1736.4	2527.7	*2469.3*	2280.6
77.5°	110.2	113.5	130.2	167.0	198.7	228.7	297.2	799.7	1392.4	*1258.9*	1212.1
80°	66.8	61.8	73.5	95.2	115.2	116.9	126.9	345.6	597.7	*569.3*	534.3
82.5°	23.4	23.4	28.4	38.4	38.4	38.4	46.7	83.5	118.5	*108.5*	103.5
85°	0.0	0.0	0.0	0.0	3.3	5.0	3.3	6.7	11.7	*13.4*	13.4
87.5°	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.3	5.0	*6.7*	6.7
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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CATALOG NUMBER: GKO-PB2D-722-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5	1215.5
2.5°	1220.5	1220.5	1215.5	1208.8	1205.4	1203.8	1198.8	1192.1	1197.1	1202.1	1202.1
5°	1237.2	1233.8	1223.8	1217.1	1212.1	1212.1	1205.4	1203.8	1208.8	1213.8	1212.1
7.5°	1263.9	1257.2	1245.5	1235.5	1237.2	1238.8	1228.8	1228.8	1233.8	1238.8	1238.8
10°	1300.6	1288.9	1277.2	1268.9	1270.5	1272.2	1262.2	1258.9	1263.9	1268.9	1272.2
12.5°	1347.3	1332.3	1319.0	1310.6	1308.9	1310.6	1300.6	1297.3	1297.3	1300.6	1300.6
15°	1402.4	1385.7	1369.1	1357.4	1354.0	1352.4	1339.0	1327.3	1327.3	1329.0	1329.0
17.5°	1465.9	1442.5	1420.8	1407.5	1399.1	1387.4	1372.4	1355.7	1350.7	1352.4	1352.4
20°	1529.3	1504.3	1475.9	1457.5	1440.8	1420.8	1397.4	1375.7	1365.7	1365.7	1364.0
22.5°	1602.8	1569.4	1531.0	1506.0	1475.9	1442.5	1409.1	1380.7	1370.7	1367.4	1367.4
25°	1677.9	1639.5	1584.4	1546.0	1502.6	1454.2	1410.8	1372.4	1355.7	1349.0	1349.0
27.5°	1754.7	1709.6	1637.9	1582.8	1519.3	1452.5	1394.1	1345.7	1322.3	1314.0	1310.6
30°	1841.5	1776.4	1684.6	1609.5	1522.7	1437.5	1362.4	1305.6	1270.5	1250.5	1252.2
32.5°	1931.7	1849.9	1728.0	1626.2	1517.6	1409.1	1314.0	1242.2	1197.1	1178.7	1172.0
35°	2023.5	1920.0	1766.4	1634.5	1500.9	1365.7	1252.2	1172.0	1122.0	1095.2	1095.2
37.5°	2117.0	1993.5	1793.1	1632.8	1470.9	1308.9	1180.4	1095.2	1036.8	1003.4	995.1
40°	2208.9	2061.9	1813.2	1619.5	1425.8	1240.5	1103.6	1011.8	933.3	889.9	883.2
42.5°	2299.0	2118.7	1823.2	1597.8	1372.4	1165.4	1016.8	893.2	818.1	778.0	776.4
45°	2380.8	2163.8	1824.8	1569.4	1302.3	1080.2	899.9	781.4	706.2	664.5	664.5
47.5°	2461.0	2213.9	1823.2	1532.7	1225.5	970.0	776.4	661.2	592.7	566.0	557.6
50°	2557.8	2263.9	1821.5	1487.6	1127.0	838.1	656.1	557.6	499.2	472.5	472.5
52.5°	2656.3	2322.4	1824.8	1424.1	1010.1	709.6	549.3	462.5	424.1	407.4	405.7
55°	2783.2	2384.2	1833.2	1349.0	888.2	584.4	457.5	399.0	372.3	364.0	365.6
57.5°	2936.8	2469.3	1849.9	1260.5	746.3	479.2	392.4	360.6	354.0	357.3	359.0
60°	3112.1	2574.5	1873.3	1160.4	621.1	399.0	354.0	347.3	354.0	367.3	369.0
62.5°	3315.8	2701.4	1903.3	1048.5	497.5	350.6	337.3	342.3	347.3	369.0	370.6
65°	3496.1	2838.3	1910.0	916.6	404.0	318.9	327.2	330.6	343.9	369.0	370.6
67°	*3597.9*	*2931.8*	*1864.9*	*791.4*	*345.6*	*302.2*	*313.9*	*317.2*	*340.6*	*365.6*	*369.0*
67.5°	3609.6	2951.8	1834.9	759.7	333.9	298.9	310.5	317.2	340.6	365.6	367.3
70°	3574.6	2938.5	1634.5	572.7	275.5	275.5	288.8	303.9	327.2	354.0	365.6
72.5°	3262.4	2679.7	1265.5	389.0	233.7	248.8	268.8	290.5	312.2	343.9	364.0
75°	2061.9	1724.7	774.7	260.5	195.3	222.1	253.8	278.8	297.2	320.6	333.9
77.5°	1101.9	853.2	333.9	153.6	153.6	197.0	235.4	258.8	268.8	277.1	285.5
80°	520.9	397.4	161.9	91.8	106.9	153.6	208.7	233.7	237.1	247.1	250.4
82.5°	103.5	90.2	53.4	48.4	70.1	110.2	173.6	202.0	203.7	220.4	223.7
85°	13.4	11.7	8.3	18.4	45.1	81.8	133.6	173.6	177.0	177.0	173.6
87.5°	6.7	5.0	5.0	13.4	33.4	61.8	110.2	145.3	146.9	115.2	111.9
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

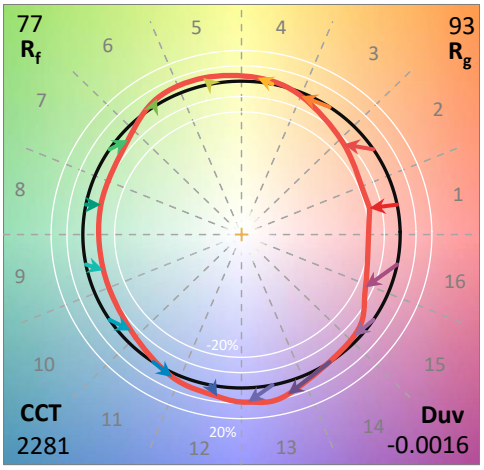
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

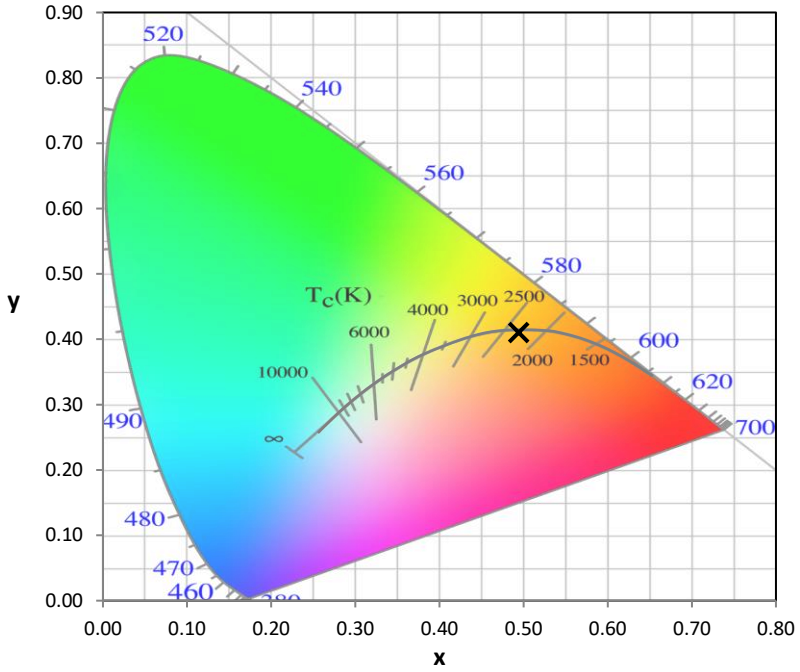
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

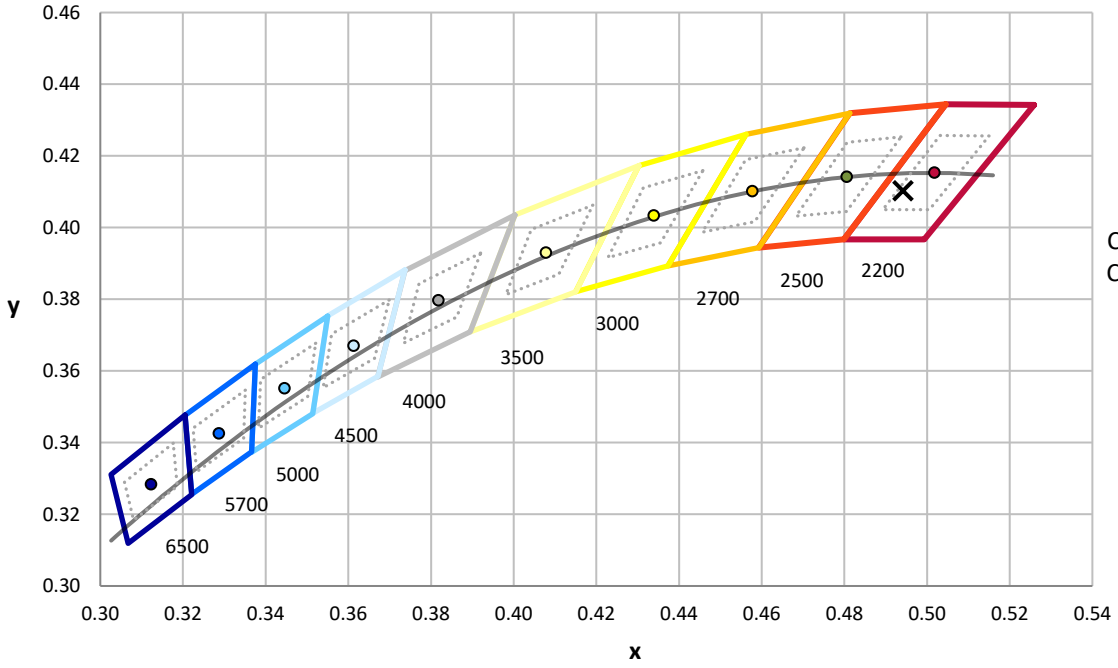
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

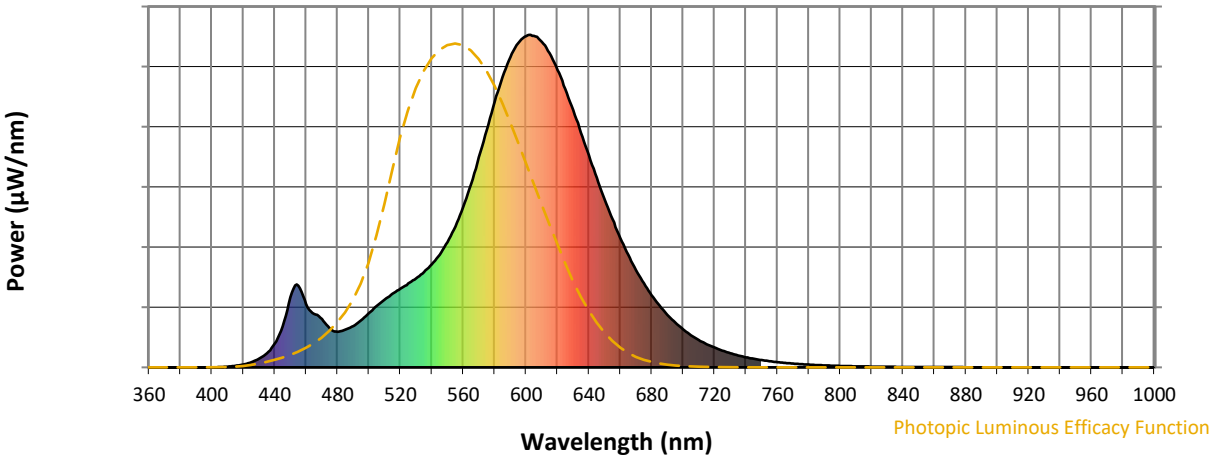


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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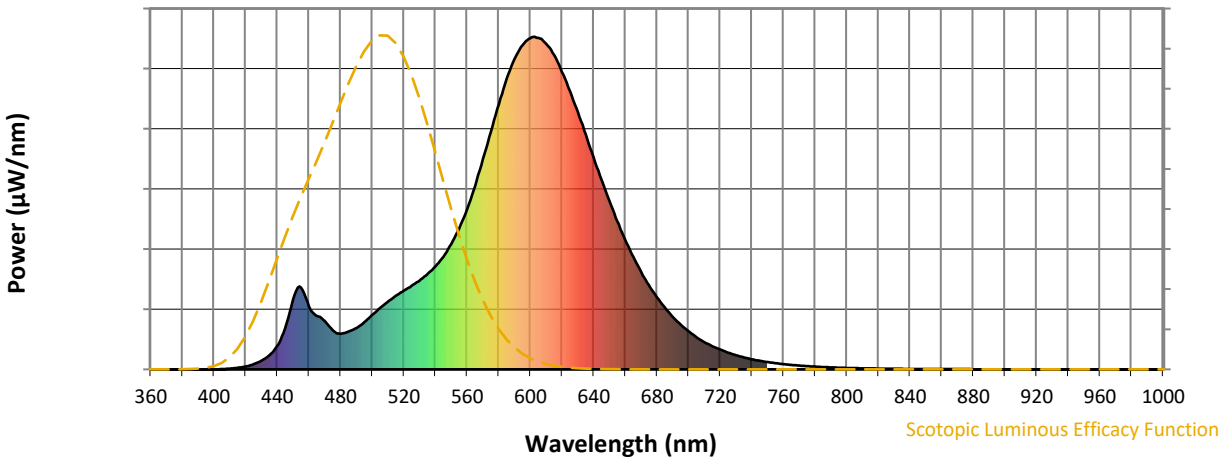
Scotopic Flux vs. Wavelength



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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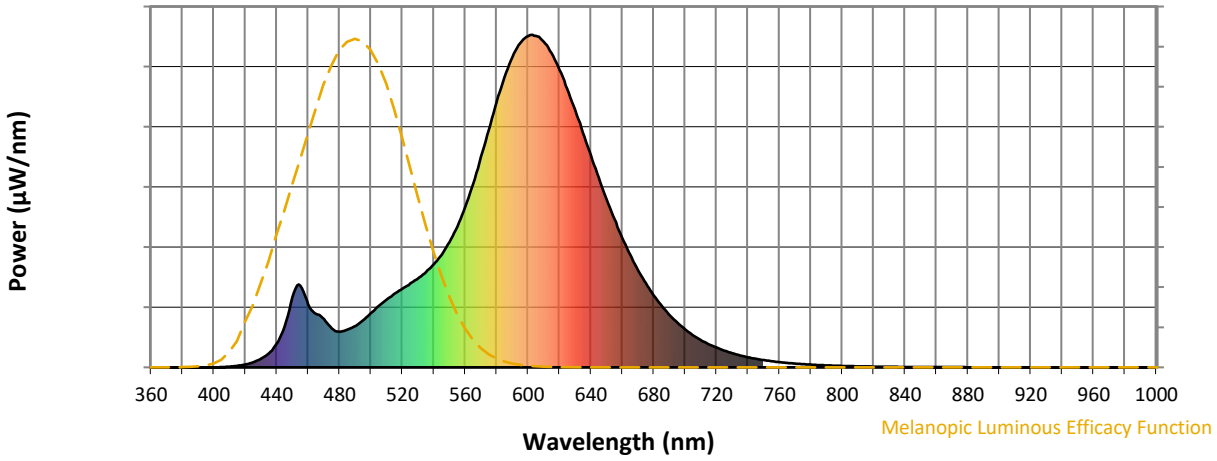
Melanopic Flux vs. Wavelength



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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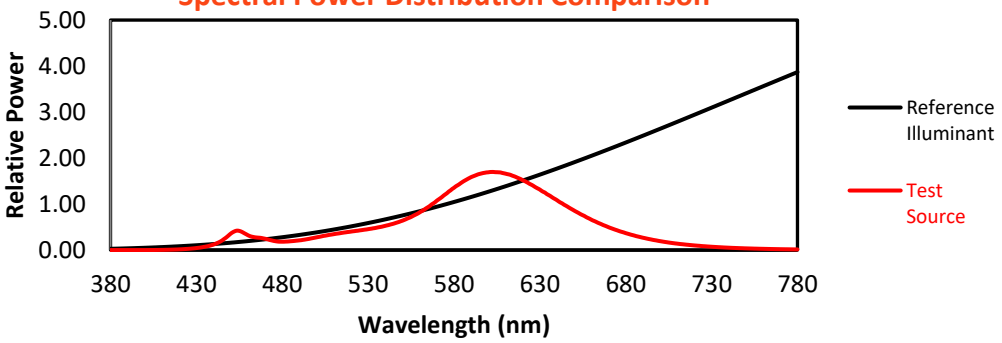
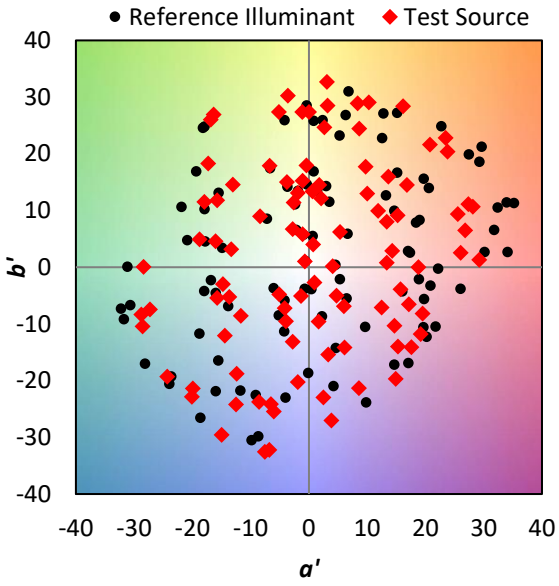
Summary

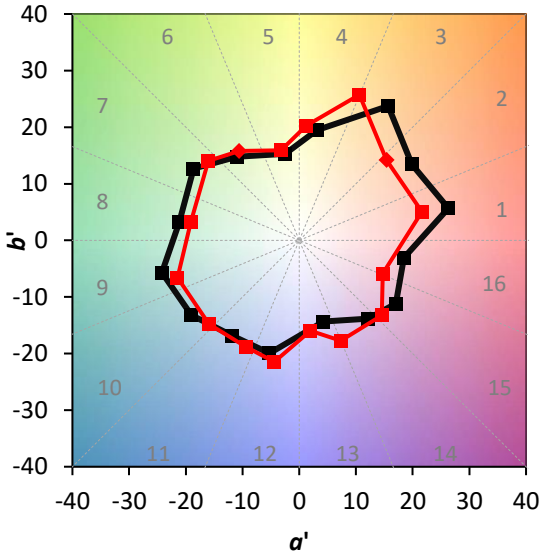
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

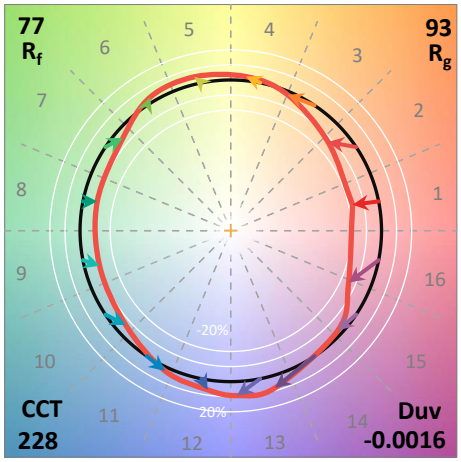
Spectral Power Distribution Comparison

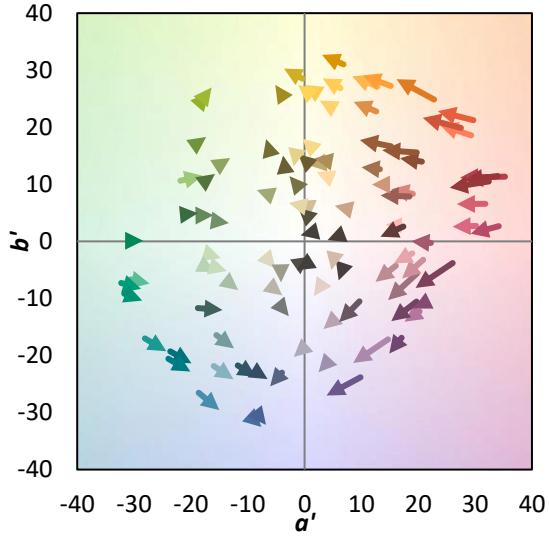


Color Vector Graphics









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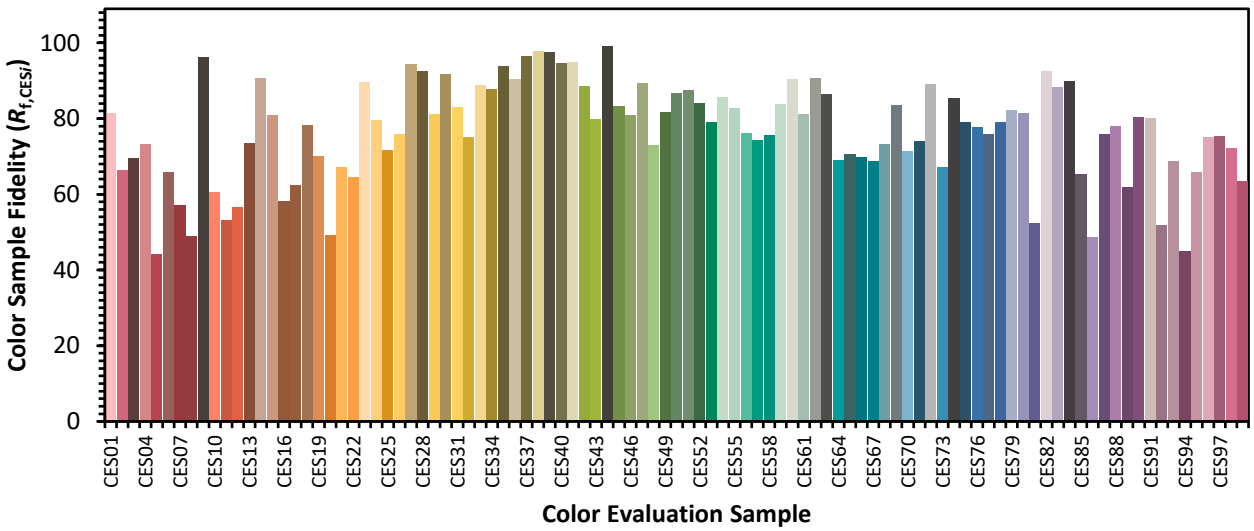
Individual Sample Fidelity Index ($R_{f,i}$)

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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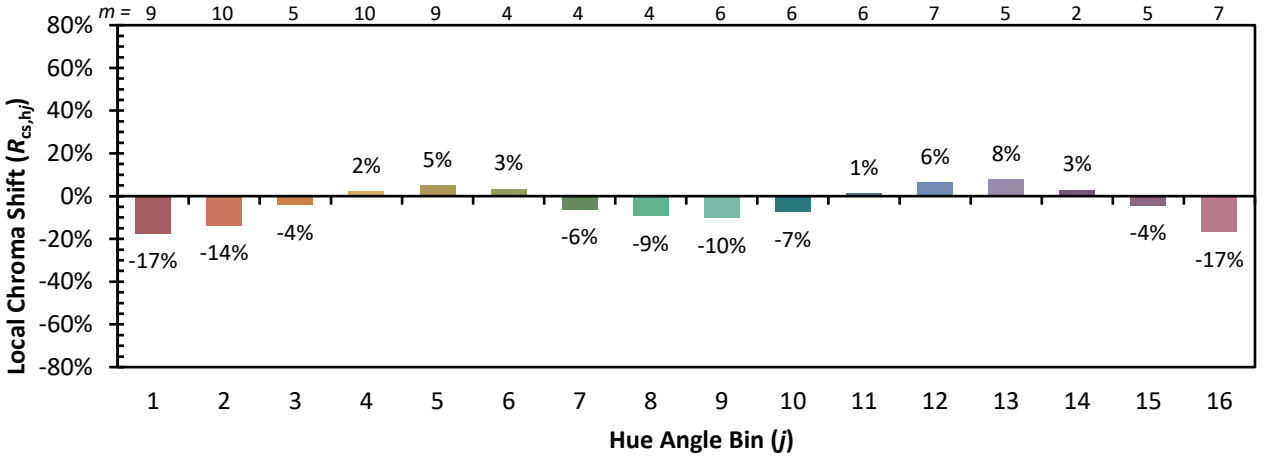
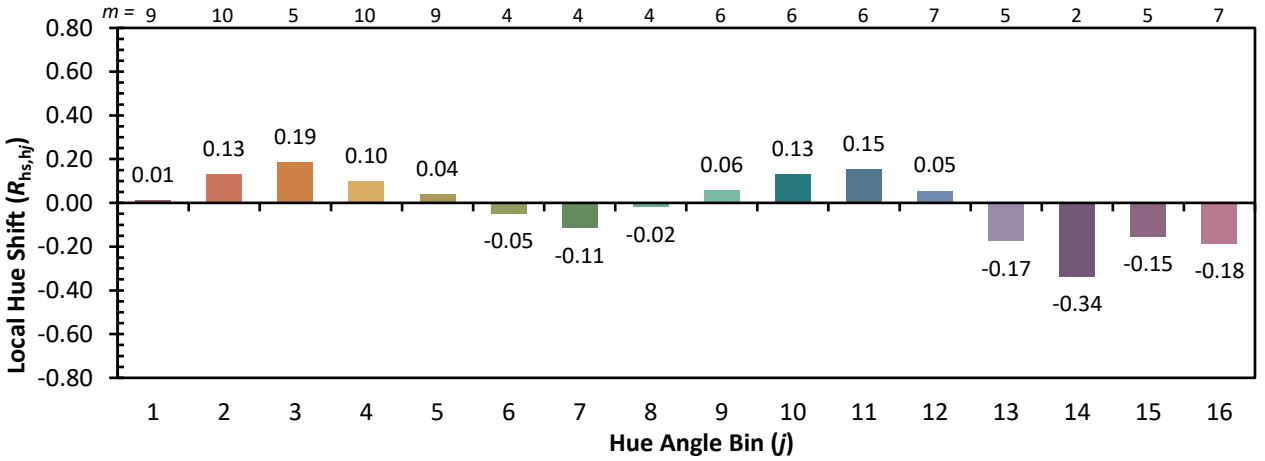
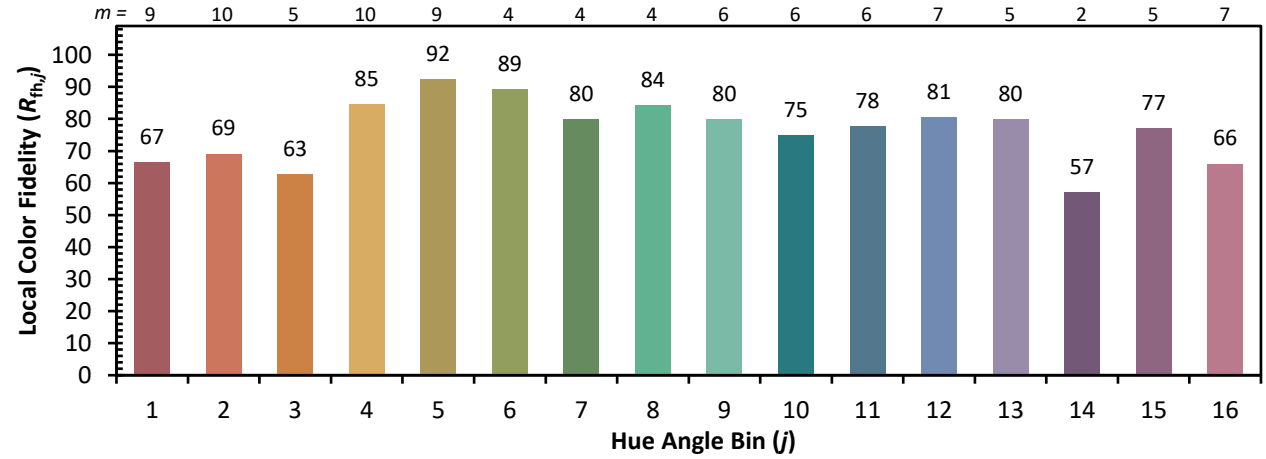
Color Rendition by Hue-Angle Bin







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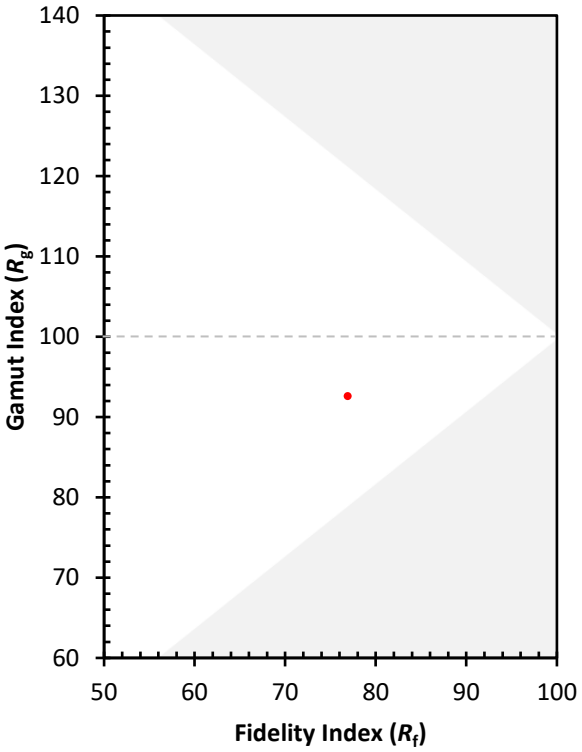
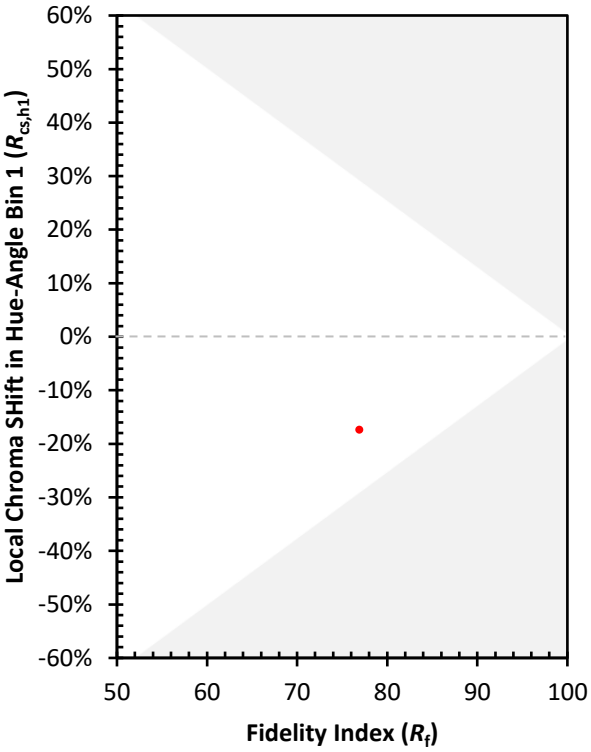
Measure Comparisons





(END OF REPORT)