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: P972212

Luminaire Tested: **GKO-PB1E-730-U-T4W**

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:	P972212
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1E-730-U-T4W
Description:	GEKKO WALL PACK 5000LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(10) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4696.2 lumens
Efficiency:	N/A
Efficacy:	121.3 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short
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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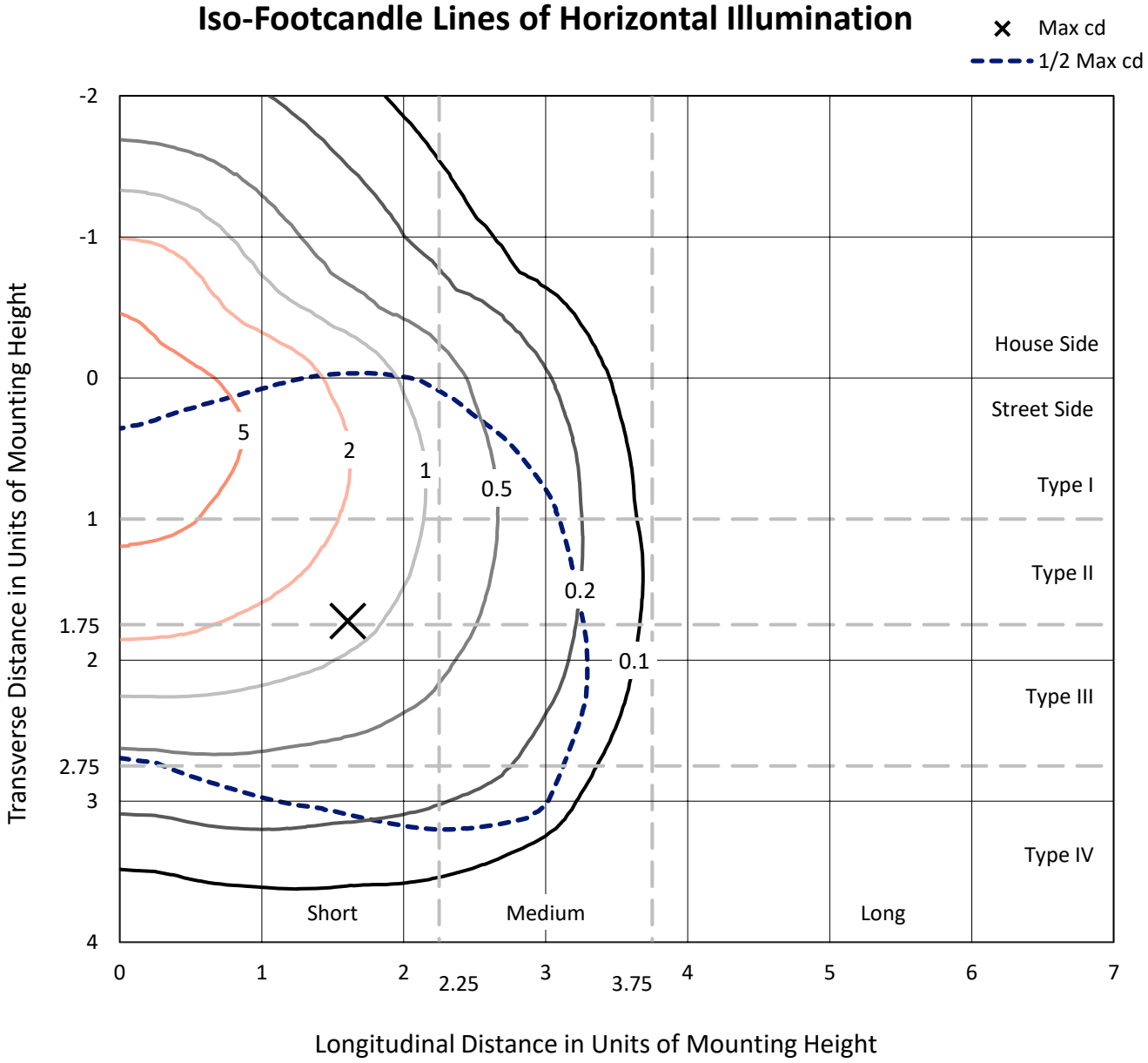
REPORT NUMBER: P972212
CATALOG NUMBER: GKO-PB1E-730-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 9 fc
Type IV - Short - N/A

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REPORT NUMBER: P972212
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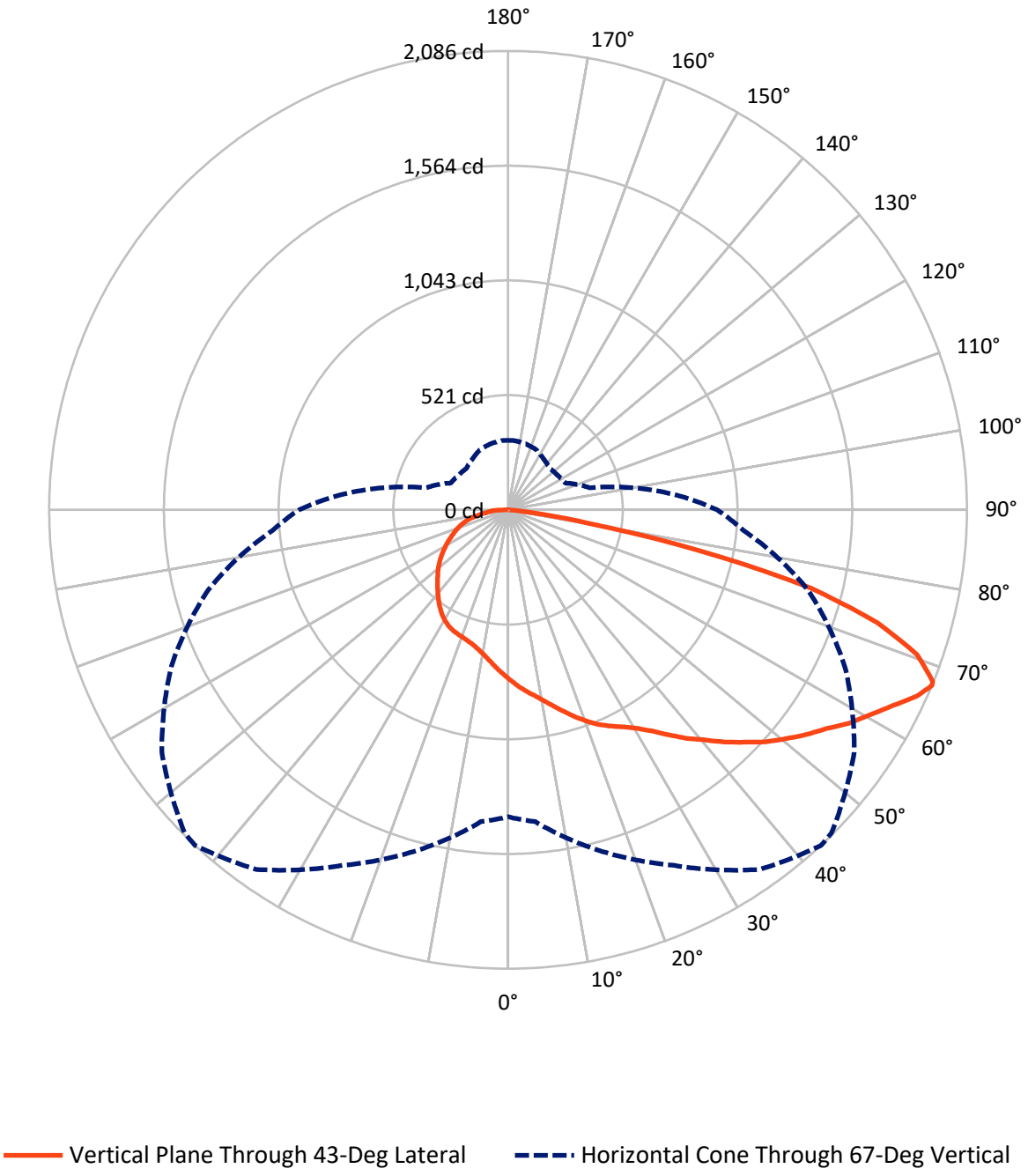
Luminous Intensity Polar Plot



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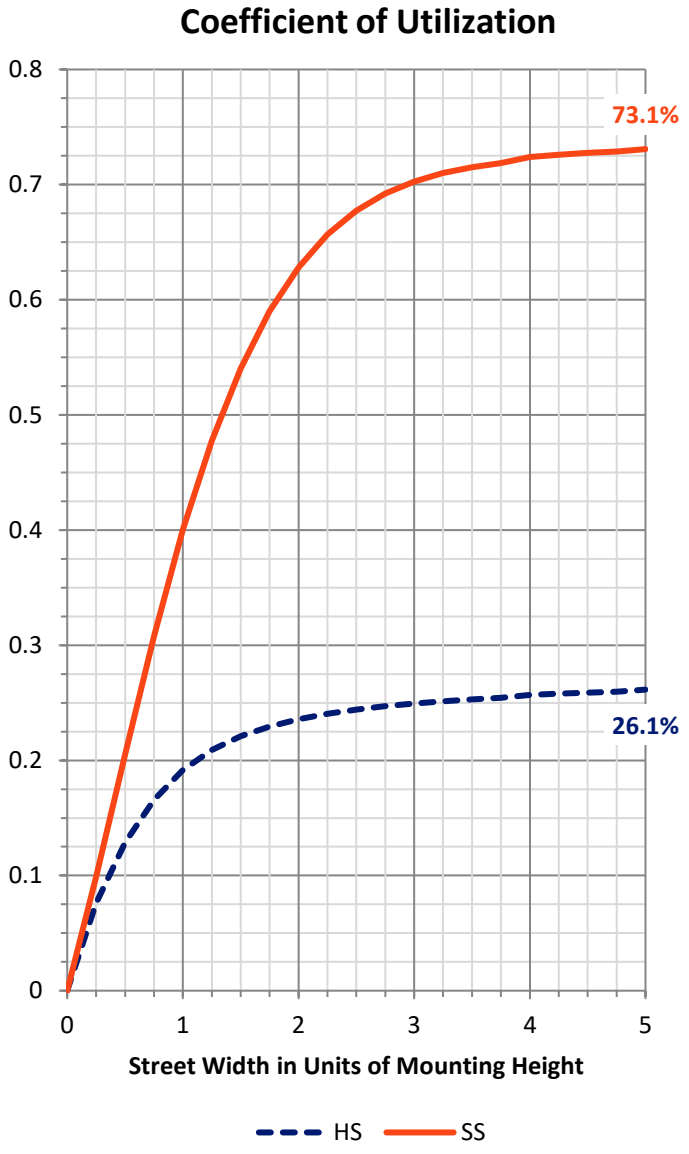
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1263.1	0.0	1263.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	3433.0	0.0	3433.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	4696.2	0.0	4696.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.7	1.6
10°-20°	226.5	4.8
20°-30°	392.1	8.3
30°-40°	581.8	12.4
40°-50°	790.4	16.8
50°-60°	970.3	20.7
60°-70°	1022.6	21.8
70°-80°	564.5	12.0
80°-90°	74.4	1.6
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°	4696.2	100.0
0°-180°	4696.2	100.0



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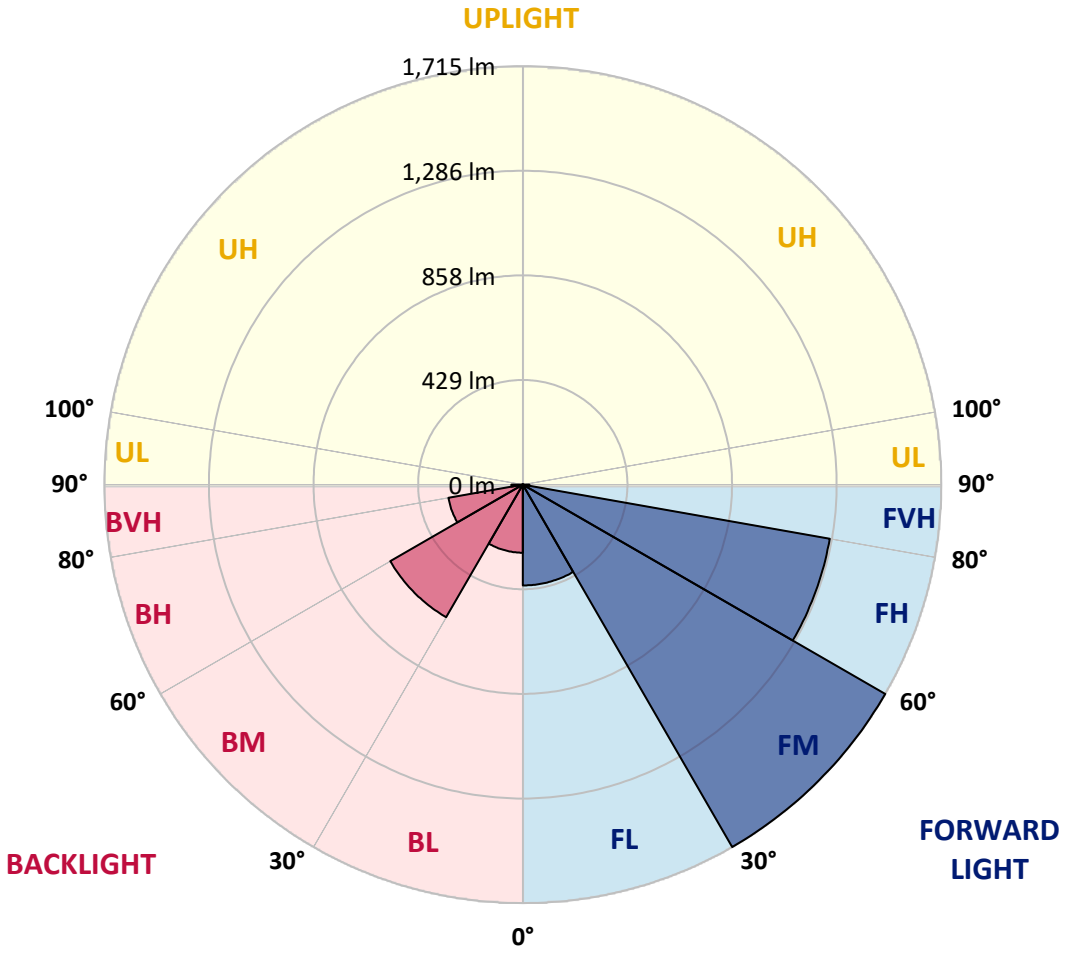
REPORT NUMBER: P972212
CATALOG NUMBER: GKO-PB1E-730-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	413.1	8.8			
FM	(30°-60°)	1715.2	36.5			
FH	(60°-80°)	1277.6	27.2			G1/1800
FVH	(80°-90°)	27.2	0.6			G1/100
BL	(0°-30°)	279.0	5.9	B1/500		
BM	(30°-60°)	627.3	13.4	B1/1000		
BH	(60°-80°)	309.5	6.6	B1/500		G1/500
BVH	(80°-90°)	47.2	1.0			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 IV Short



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Scaled Data Report

REPORT NUMBER: P972212
CATALOG NUMBER: GKO-PB1E-730-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	770.8	770.8	770.8	770.8	770.8	*770.8*	770.8	770.8	770.8	770.8	770.8
2.5°	806.5	808.4	806.5	804.6	800.9	*799.0*	797.1	792.4	786.8	778.3	771.7
5°	842.2	842.2	839.4	837.5	831.9	*826.3*	823.4	812.2	799.9	785.8	772.7
7.5°	875.1	878.9	874.2	869.5	861.0	*851.6*	849.8	832.8	815.9	797.1	777.4
10°	916.5	919.3	912.7	909.0	893.0	*880.8*	877.0	856.3	833.8	810.3	784.9
12.5°	958.8	960.7	956.0	947.5	930.6	*915.6*	909.9	882.7	853.5	825.3	793.4
15°	995.5	997.3	995.5	986.1	970.1	*951.3*	943.8	913.7	878.0	841.3	803.7
17.5°	1022.7	1026.5	1026.5	1021.8	1007.7	*989.8*	985.1	947.5	906.2	860.1	815.9
20°	1046.2	1048.1	1051.9	1049.0	1041.5	*1026.5*	1019.9	984.2	934.4	881.7	828.1
22.5°	1065.0	1066.9	1073.5	1072.5	1067.8	*1060.3*	1053.7	1020.8	967.3	903.3	839.4
25°	1097.9	1097.0	1100.7	1097.9	1092.3	*1089.5*	1085.7	1056.6	1000.2	928.7	854.5
27.5°	1155.3	1153.4	1149.6	1135.5	1121.4	*1117.7*	1114.8	1094.2	1038.7	957.9	871.4
30°	1239.9	1241.7	1223.9	1191.9	1163.7	*1152.4*	1148.7	1134.6	1081.9	991.7	890.2
32.5°	1340.4	1339.5	1310.4	1265.2	1221.1	*1198.5*	1191.0	1175.9	1125.2	1025.5	911.8
35°	1412.8	1410.9	1395.9	1355.5	1309.4	*1255.8*	1241.7	1218.2	1171.2	1064.1	933.4
37.5°	1510.6	1507.8	1478.6	1436.3	1395.0	*1317.9*	1301.9	1269.9	1215.4	1101.7	957.9
40°	1622.4	1604.6	1556.6	1513.4	1457.0	*1375.2*	1362.1	1320.7	1266.2	1147.7	986.1
42.5°	1724.0	1697.6	1635.6	1581.1	1510.6	*1442.9*	1426.0	1377.1	1315.1	1190.0	1015.2
45°	1876.2	1812.3	1723.0	1691.1	1568.9	*1506.8*	1492.7	1432.6	1368.6	1236.1	1044.3
47.5°	1857.4	1812.3	1783.2	1779.4	1630.0	*1576.4*	1555.7	1493.7	1426.0	1285.0	1074.4
50°	1894.1	1858.4	1860.3	1814.2	1685.4	*1635.6*	1620.6	1557.6	1484.3	1332.9	1106.4
52.5°	1886.6	1896.9	1891.3	1819.8	1739.0	*1697.6*	1686.4	1623.4	1539.7	1379.0	1134.6
55°	1946.7	1941.1	1928.9	1858.4	1798.2	*1755.9*	1746.5	1692.0	1596.1	1418.5	1159.0
57.5°	1990.9	1961.8	1960.8	1901.6	1864.0	*1829.2*	1814.2	1762.5	1648.8	1453.2	1177.8
60°	1963.7	1928.9	1954.3	1908.2	1904.4	*1891.3*	1882.8	1824.5	1695.8	1479.6	1185.3
62.5°	1818.0	1826.4	1901.6	1898.8	1948.6	*1960.8*	1951.4	1867.8	1726.8	1489.0	1179.7
65°	1625.3	1650.6	1766.3	1865.0	2000.3	*2042.6*	2033.2	1898.8	1724.0	1467.3	1142.1
67°	*1395.9*	*1423.2*	*1603.6*	*1783.2*	*1995.6*	*2085.9*	*2079.3*	*1921.4*	*1690.1*	*1411.9*	*1074.4*
67.5°	1345.1	1376.2	1556.6	1745.6	1978.7	*2082.1*	2077.4	1923.2	1678.8	1385.6	1048.1
70°	989.8	1026.5	1281.2	1534.1	1843.3	*1973.1*	1972.1	1852.7	1562.3	1242.7	909.0
72.5°	616.6	649.5	913.7	1196.6	1597.1	*1756.9*	1750.3	1614.0	1345.1	1014.3	717.2
75°	377.9	398.6	575.3	780.2	1158.1	*1422.2*	1431.6	1261.5	917.4	602.5	405.1
77.5°	231.2	253.8	362.8	481.3	707.8	*884.5*	886.4	699.4	470.9	328.1	221.8
80°	128.8	134.4	188.9	251.9	362.8	*364.7*	349.7	308.3	244.4	157.9	113.7
82.5°	50.8	54.5	81.8	101.5	103.4	*108.1*	100.6	91.2	77.1	50.8	35.7
85°	0.0	0.0	0.0	1.9	6.6	*13.2*	13.2	9.4	3.8	2.8	2.8
87.5°	0.0	0.0	0.0	0.9	0.9	*0.9*	0.9	0.9	0.9	0.9	0.9
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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Scaled Data Report

REPORT NUMBER: P972212
CATALOG NUMBER: GKO-PB1E-730-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	770.8	770.8	770.8	770.8	770.8	770.8	770.8	770.8	770.8	770.8	770.8
2.5°	769.9	768.9	762.3	754.8	749.2	744.5	739.8	734.1	734.1	736.0	735.1
5°	768.0	763.3	751.1	737.9	727.6	718.2	709.7	702.2	701.2	702.2	703.1
7.5°	768.9	760.5	741.7	721.9	705.0	692.8	680.6	674.9	674.0	674.0	674.0
10°	772.7	760.5	735.1	707.8	687.1	669.3	656.1	650.5	651.4	652.4	653.3
12.5°	779.3	762.3	730.4	695.6	669.3	651.4	638.3	633.6	637.3	642.0	643.0
15°	785.8	766.1	725.7	685.3	655.2	635.4	626.0	625.1	631.7	640.1	642.0
17.5°	793.4	768.9	720.0	672.1	640.1	624.2	619.5	622.3	632.6	645.8	648.6
20°	800.9	772.7	713.5	659.9	626.0	614.8	617.6	626.0	639.2	655.2	658.0
22.5°	808.4	775.5	705.0	644.8	611.0	607.2	617.6	631.7	644.8	662.7	666.5
25°	816.9	779.3	694.7	626.0	596.0	598.8	616.6	633.6	647.7	666.5	671.2
27.5°	830.0	784.9	684.3	609.1	579.0	588.4	611.9	632.6	647.7	665.5	671.2
30°	843.2	790.5	675.9	591.3	562.1	574.3	602.5	627.9	643.0	658.9	666.5
32.5°	858.2	798.1	668.3	573.4	543.3	558.4	589.4	617.6	635.4	649.5	657.1
35°	874.2	809.3	662.7	557.4	524.5	537.7	569.6	604.4	622.3	635.4	642.0
37.5°	894.9	821.6	658.9	541.4	504.8	516.1	549.0	585.6	606.3	616.6	625.1
40°	917.4	839.4	658.9	528.3	486.0	493.5	527.3	566.8	587.5	596.0	604.4
42.5°	940.0	857.3	658.0	515.1	466.2	471.9	505.7	546.1	565.9	572.5	579.0
45°	966.3	878.0	657.1	500.1	444.6	450.3	485.0	525.5	544.3	549.9	555.5
47.5°	994.5	898.6	653.3	481.3	424.9	429.6	464.4	502.0	520.8	527.3	533.0
50°	1019.9	918.4	643.9	459.7	407.0	411.7	442.7	473.8	490.7	498.2	503.8
52.5°	1042.5	932.5	628.9	435.2	387.3	392.9	416.4	443.7	456.8	462.5	466.2
55°	1060.3	940.0	604.4	411.7	368.5	371.3	390.1	414.5	424.9	425.8	428.6
57.5°	1072.5	939.1	571.5	384.5	349.7	350.6	363.8	385.4	392.9	392.0	393.9
60°	1075.4	926.8	532.0	359.1	330.9	328.1	341.2	356.3	361.0	364.7	369.4
62.5°	1064.1	897.7	486.9	333.7	312.1	307.4	316.8	329.9	337.5	339.3	341.2
65°	1022.7	844.1	432.4	307.4	293.3	284.8	295.2	314.0	326.2	329.9	329.0
67°	*950.3*	*768.9*	*385.4*	*287.6*	*274.5*	*267.0*	*282.0*	*301.7*	*310.2*	*315.8*	*315.8*
67.5°	926.8	741.7	369.4	281.1	269.8	263.2	277.3	296.1	307.4	314.0	314.0
70°	786.8	608.2	312.1	248.2	242.5	243.5	260.4	281.1	295.2	301.7	301.7
72.5°	599.7	470.9	253.8	216.2	214.3	220.9	242.5	261.3	279.2	290.5	289.5
75°	340.3	271.7	185.2	176.7	184.2	197.4	224.7	245.3	261.3	272.6	271.7
77.5°	198.3	163.6	127.8	121.3	142.9	173.0	201.2	227.5	238.8	242.5	239.7
80°	100.6	85.5	79.9	82.7	95.9	128.8	175.8	206.8	215.3	218.1	215.3
82.5°	32.0	29.1	32.0	42.3	63.9	101.5	141.9	187.1	197.4	197.4	196.5
85°	1.9	1.9	1.9	18.8	44.2	75.2	110.9	163.6	185.2	183.3	180.5
87.5°	0.9	0.9	0.9	12.2	34.8	63.0	97.8	148.5	176.7	163.6	154.2
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: SP2-2501-321-4

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-730-U-T4W

Data in this report applies to families of products including GKO-PB1E-730-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

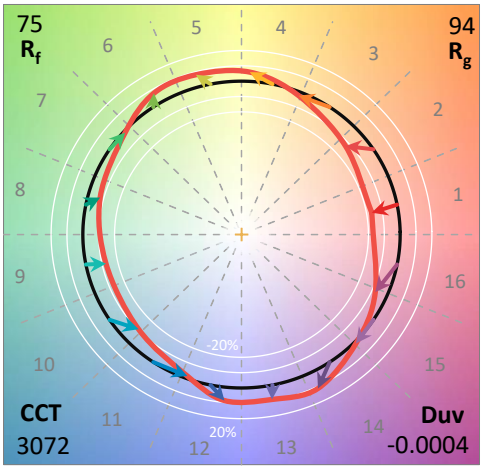
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-4
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-730-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3072
CIE u':	0.2482
CIE v':	0.5193
Duv:	-0.0004
CIE x:	0.4313
CIE y:	0.4010
CIE z:	0.1677
Peak Wavelength (nm):	593
Dominant Wavelength (nm):	582
Purity:	49.8225
Rf:	74.7
Rg:	94.2

CRI (Ra):	71.7				
R1:	68.1	R9:	-33.9		
R2:	82.1	R10:	58.6		
R3:	93.4	R11:	62.0		
R4:	67.3	R12:	48.5		
R5:	67.2	R13:	70.7		
R6:	74.9	R14:	96.4		
R7:	77.5	R15:	60.2		
R8:	43.4				



Test Conditions

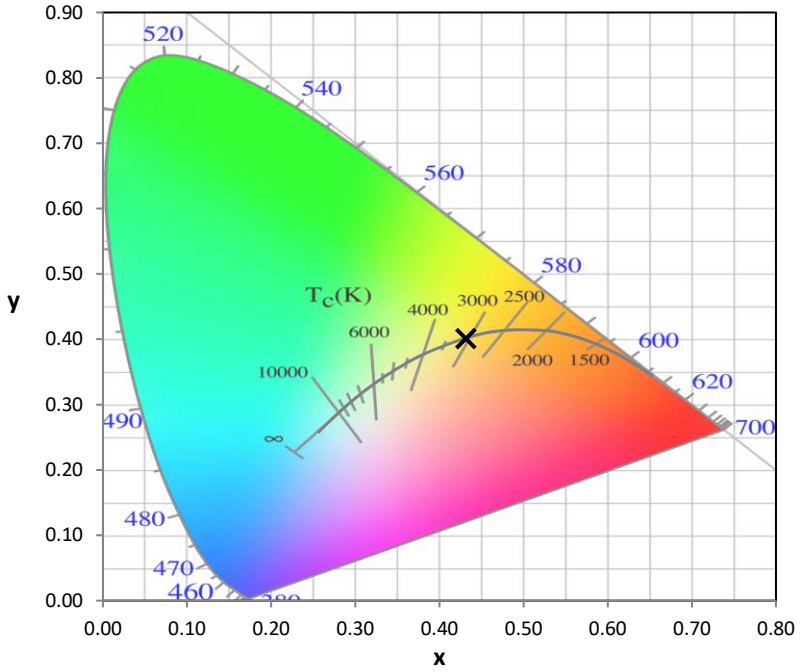
Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.7

REPORT NUMBER: SP2-2501-321-4

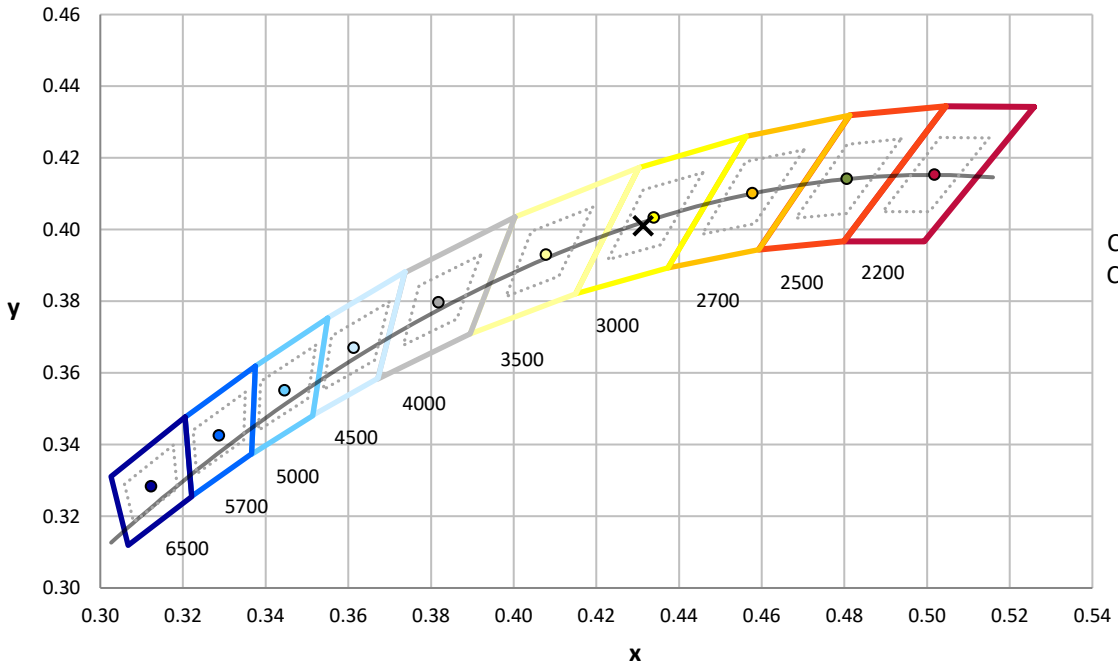
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-4

CIE 1931 Chromaticity Diagram



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

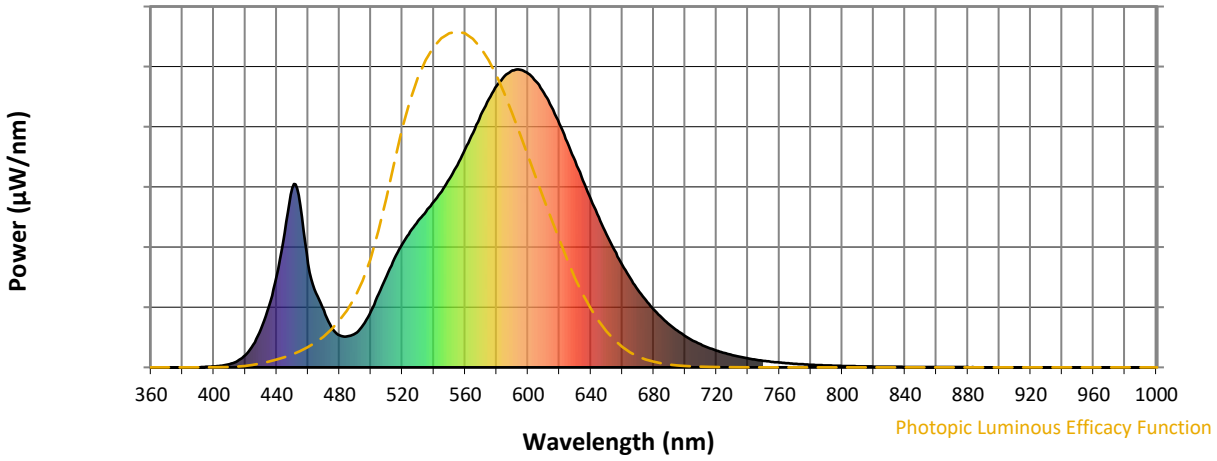


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-4

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	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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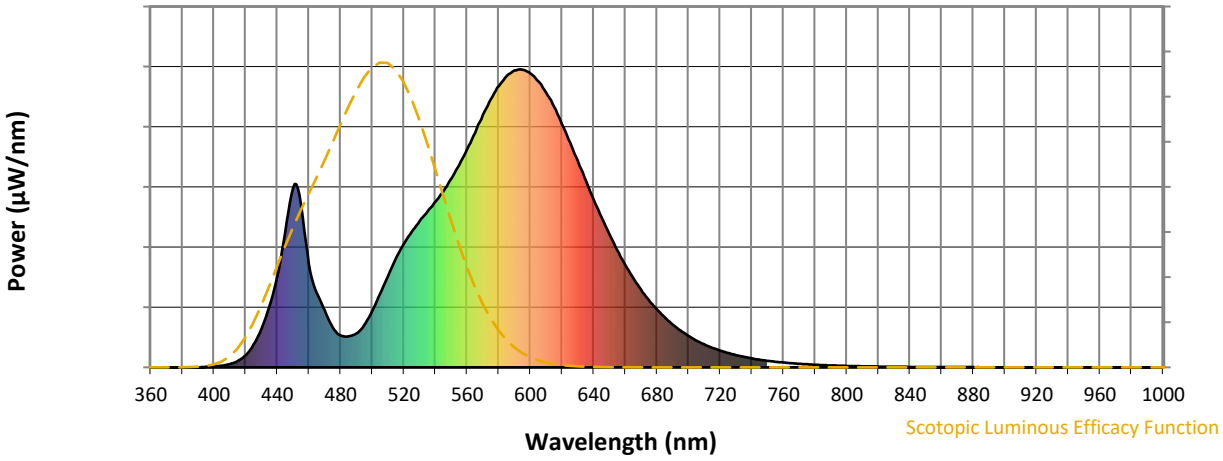
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.24**

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	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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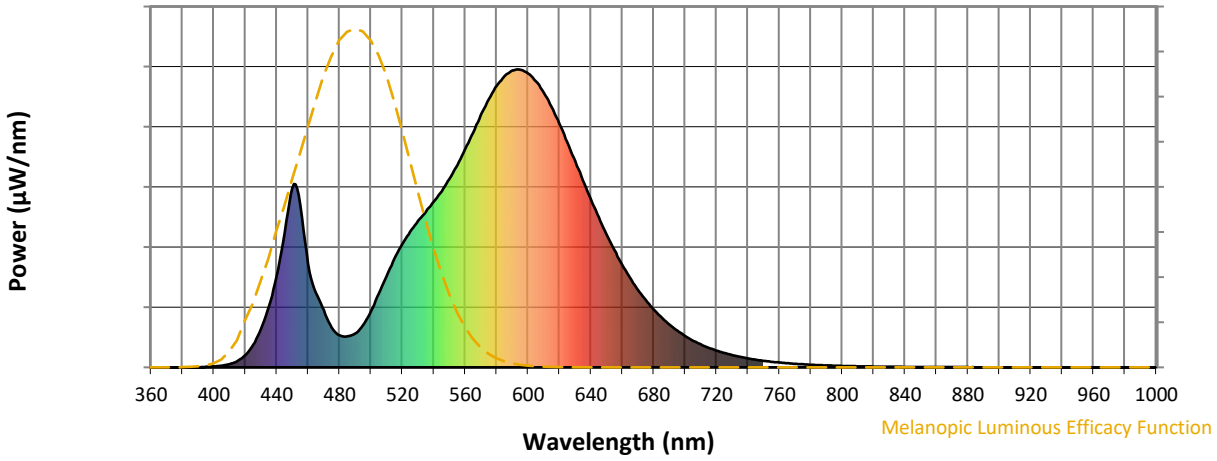
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.3**

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	114	NR	620	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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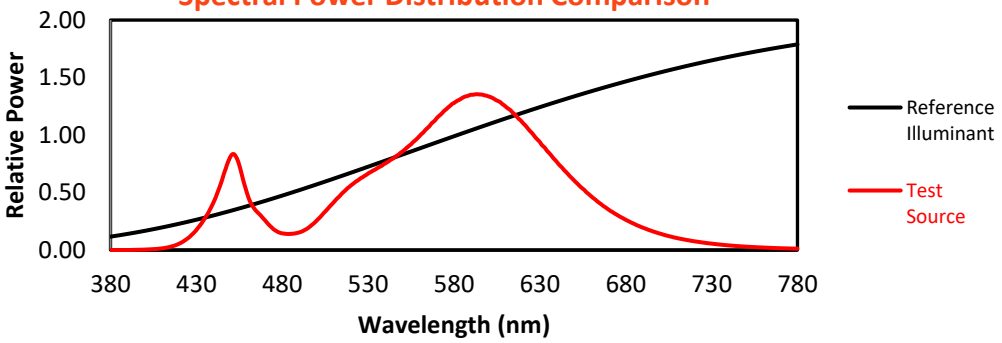
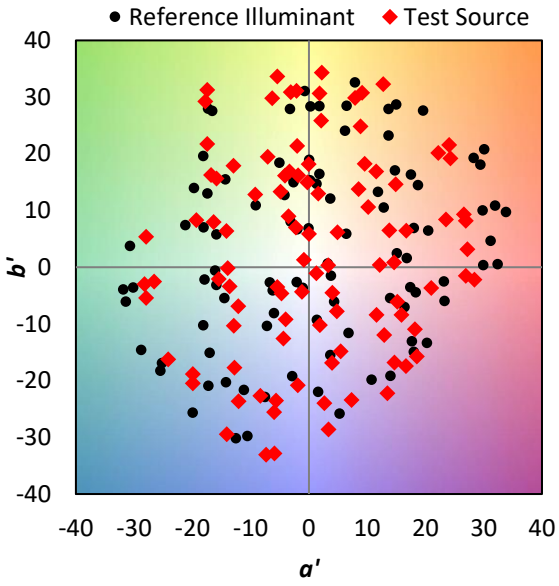
Summary

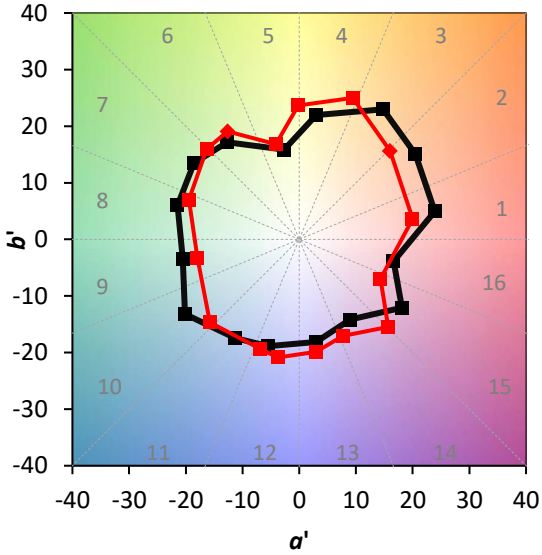
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

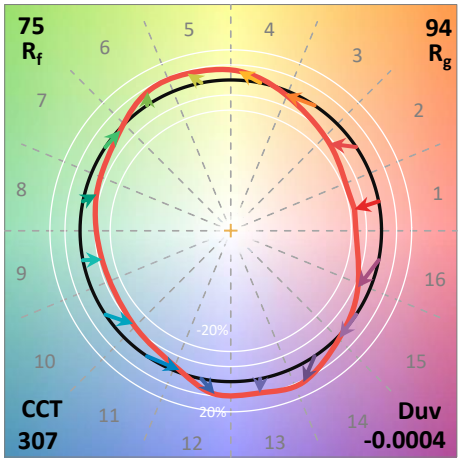
Spectral Power Distribution Comparison

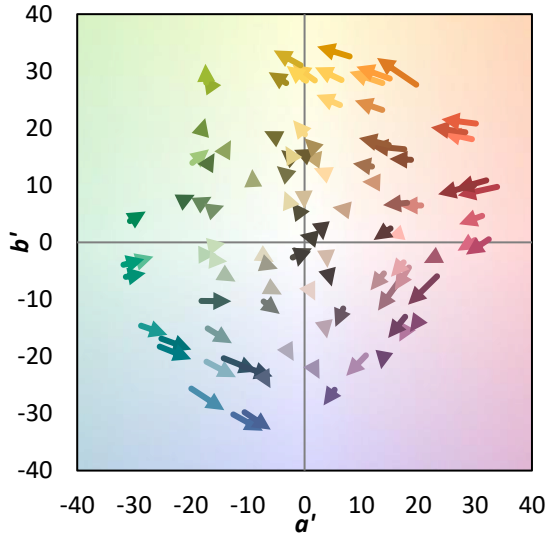


Color Vector Graphics









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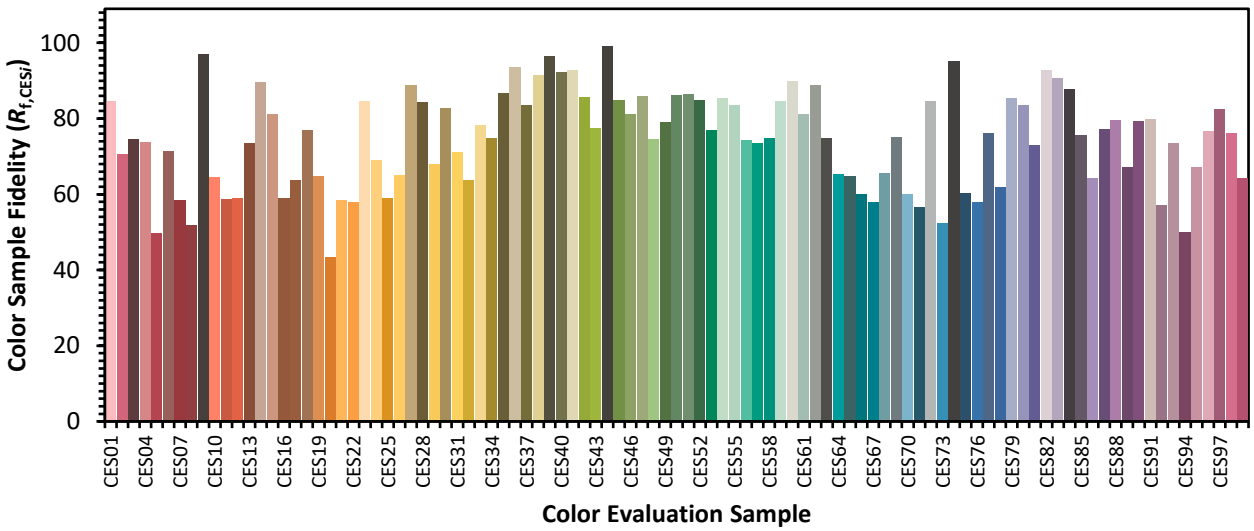
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 78	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 75	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 76
CES11 = 59	CES36 = 94	CES61 = 81	CES86 = 64
CES12 = 65	CES37 = 84	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 65	CES89 = 67
CES15 = 71	CES40 = 92	CES65 = 65	CES90 = 79
CES16 = 47	CES41 = 93	CES66 = 60	CES91 = 80
CES17 = 50	CES42 = 86	CES67 = 58	CES92 = 57
CES18 = 56	CES43 = 78	CES68 = 66	CES93 = 74
CES19 = 73	CES44 = 99	CES69 = 75	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 60	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 57	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 52	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 60	



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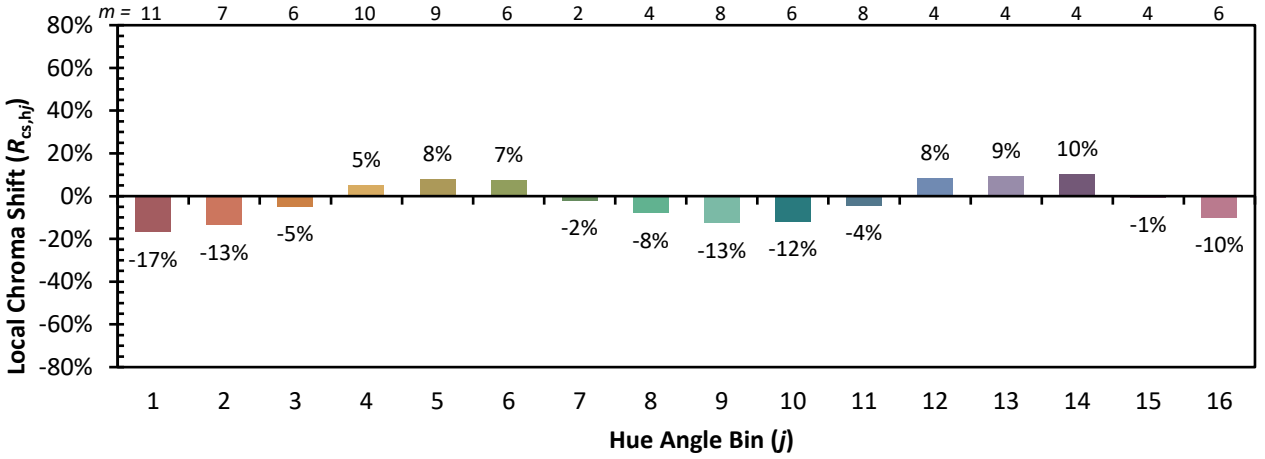
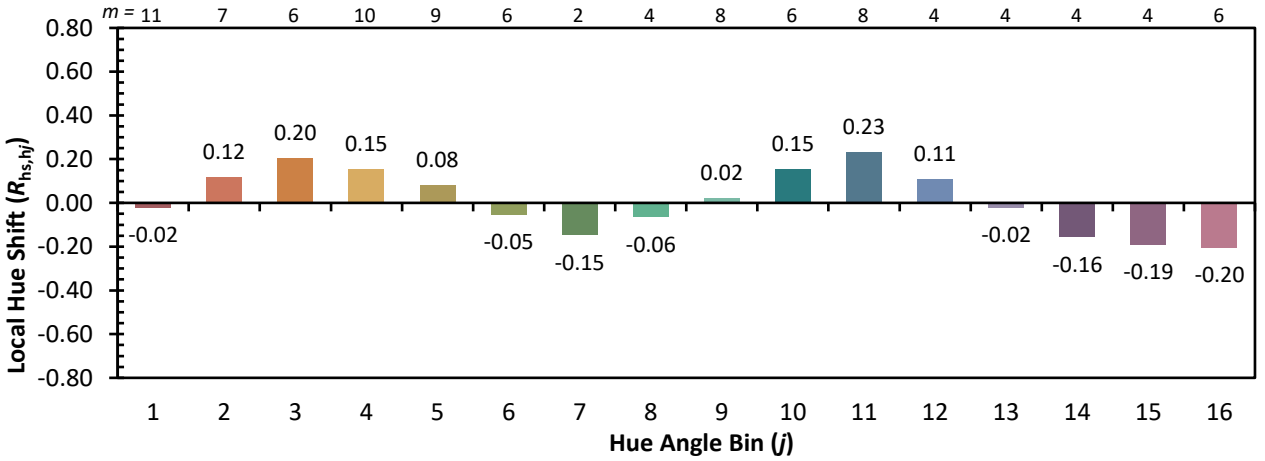
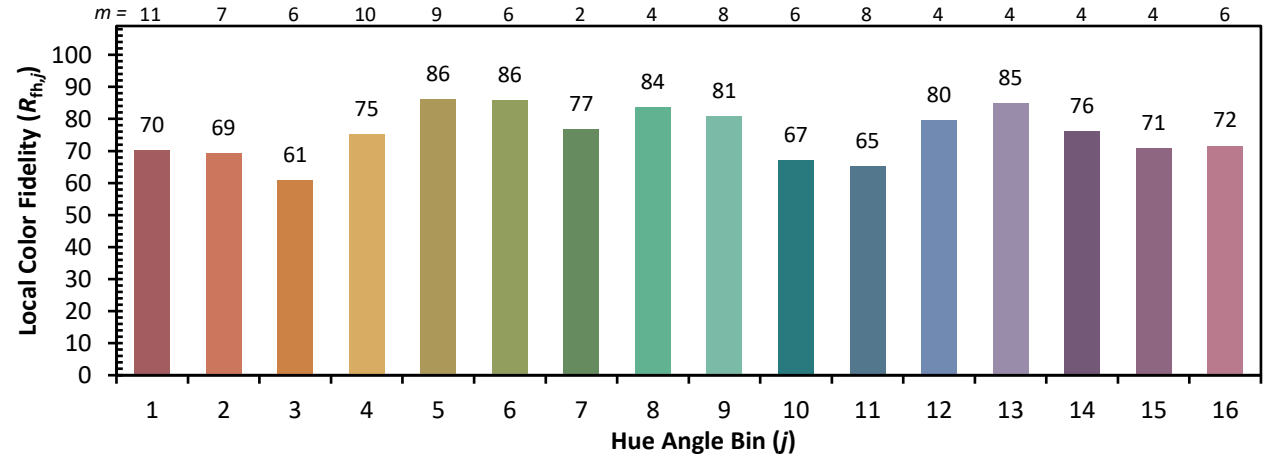
Color Rendition by Hue-Angle Bin







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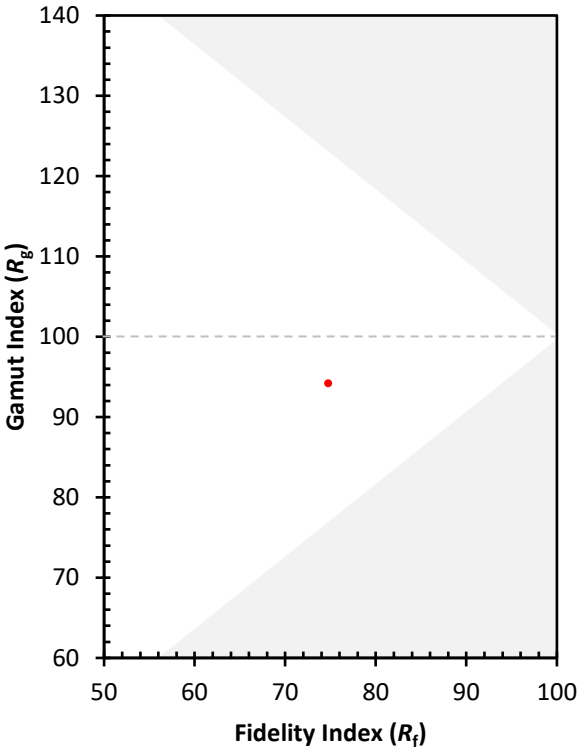
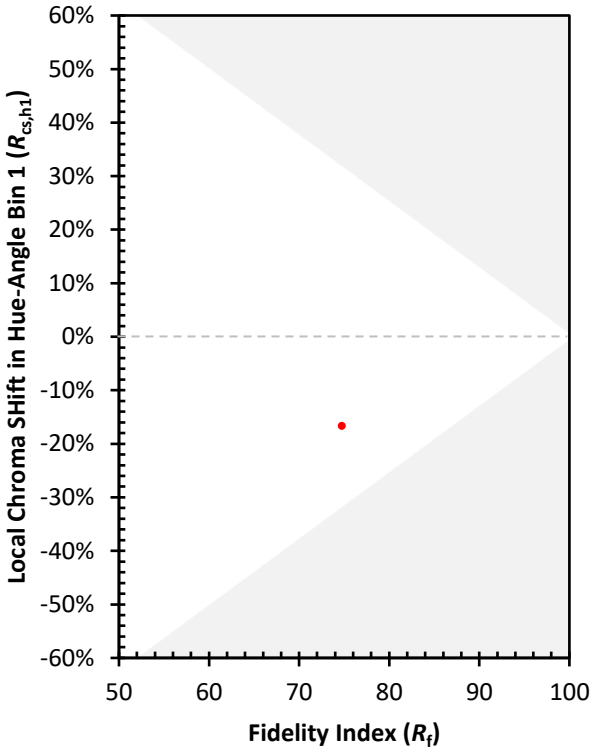
Measure Comparisons





(END OF REPORT)