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: P972312

Luminaire Tested: **GKO-PB1E-730-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:	P972312
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-T2R
Description:	GEKKO WALL PACK 5000LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(10) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4912.5 lumens
Efficiency:	N/A
Efficacy:	126.9 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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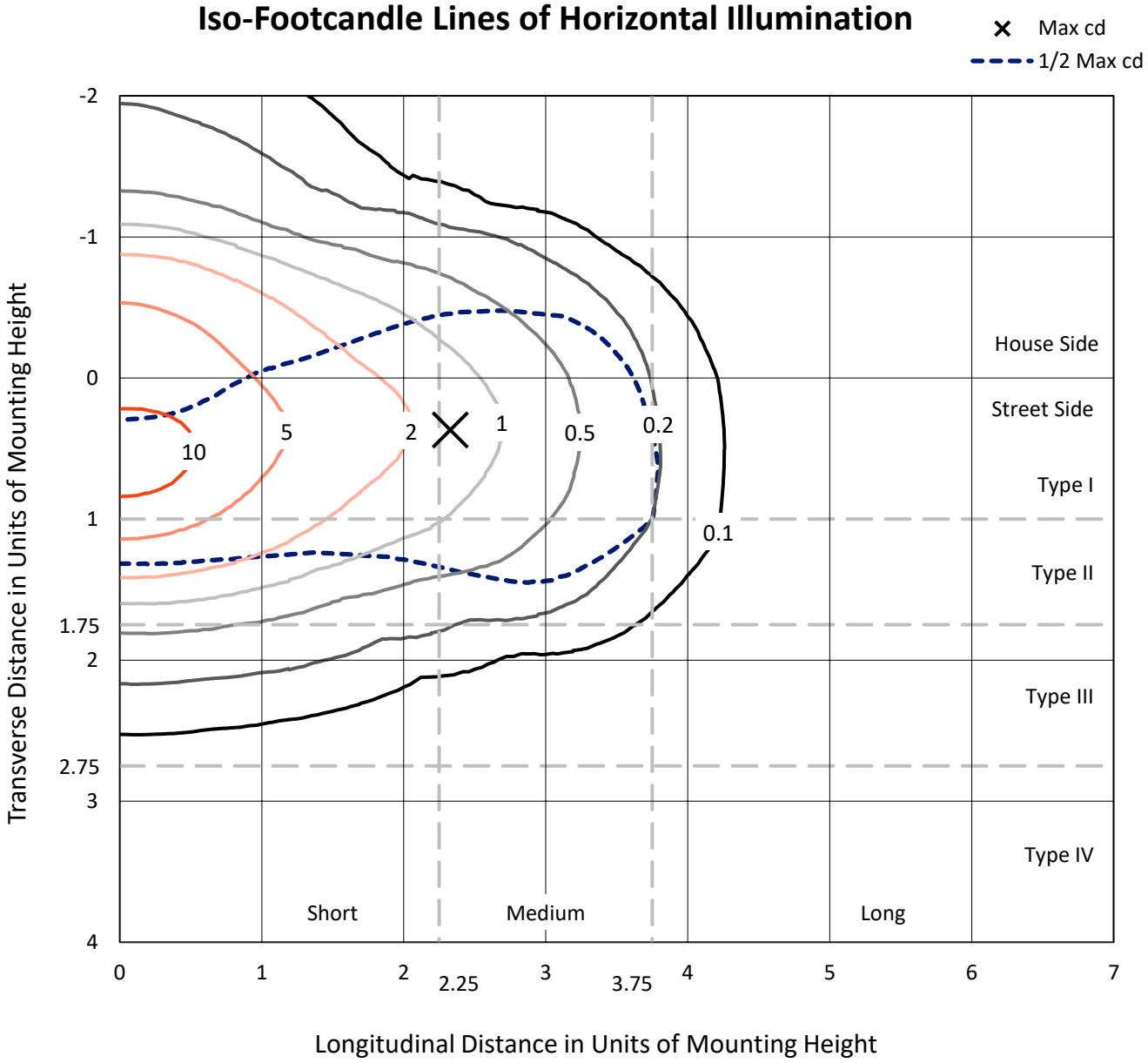
Scaled Data Report

REPORT NUMBER: P972312
CATALOG NUMBER: GKO-PB1E-730-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 13.2 fc
Type II - Medium - N/A

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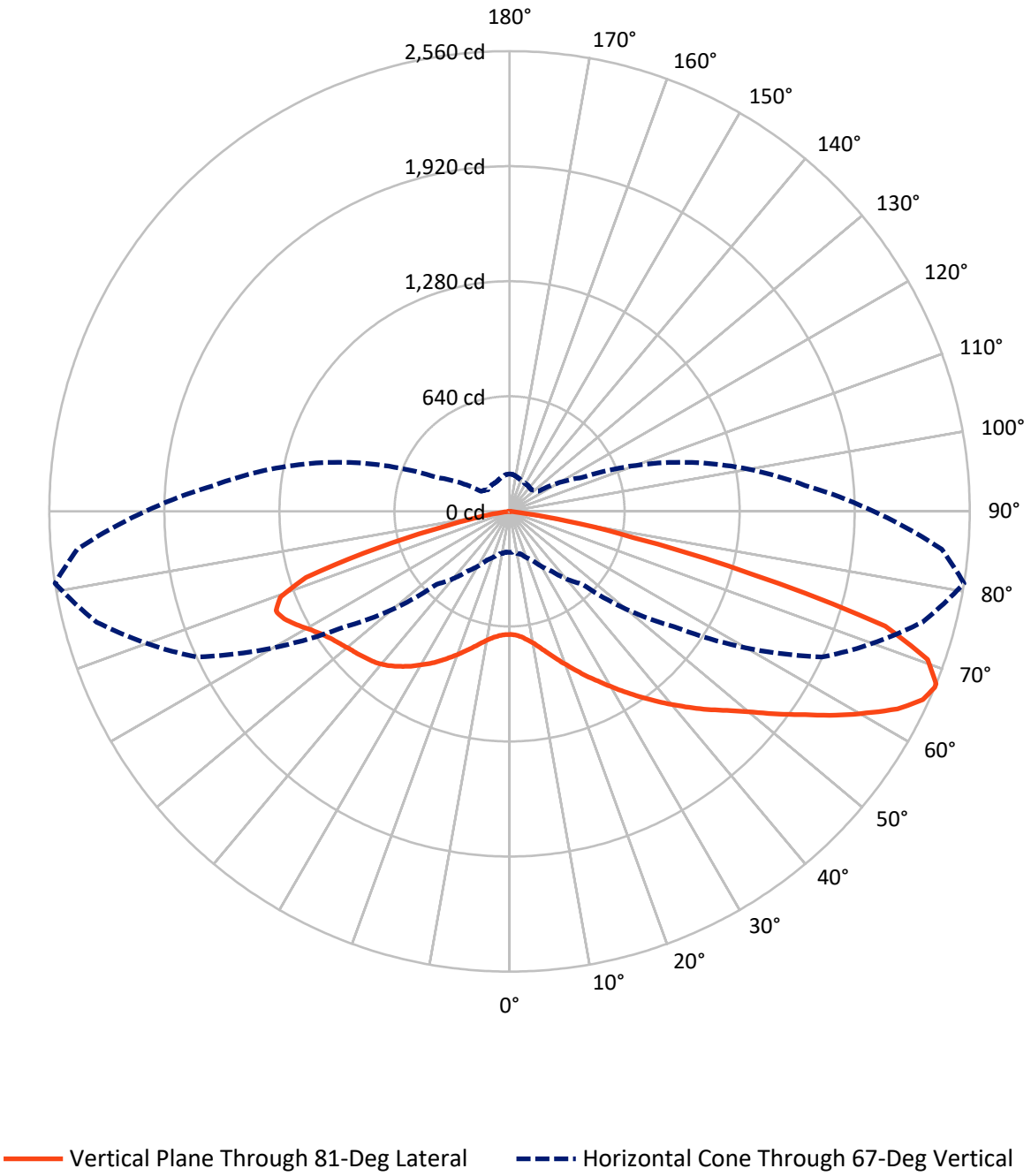
Luminous Intensity Polar Plot



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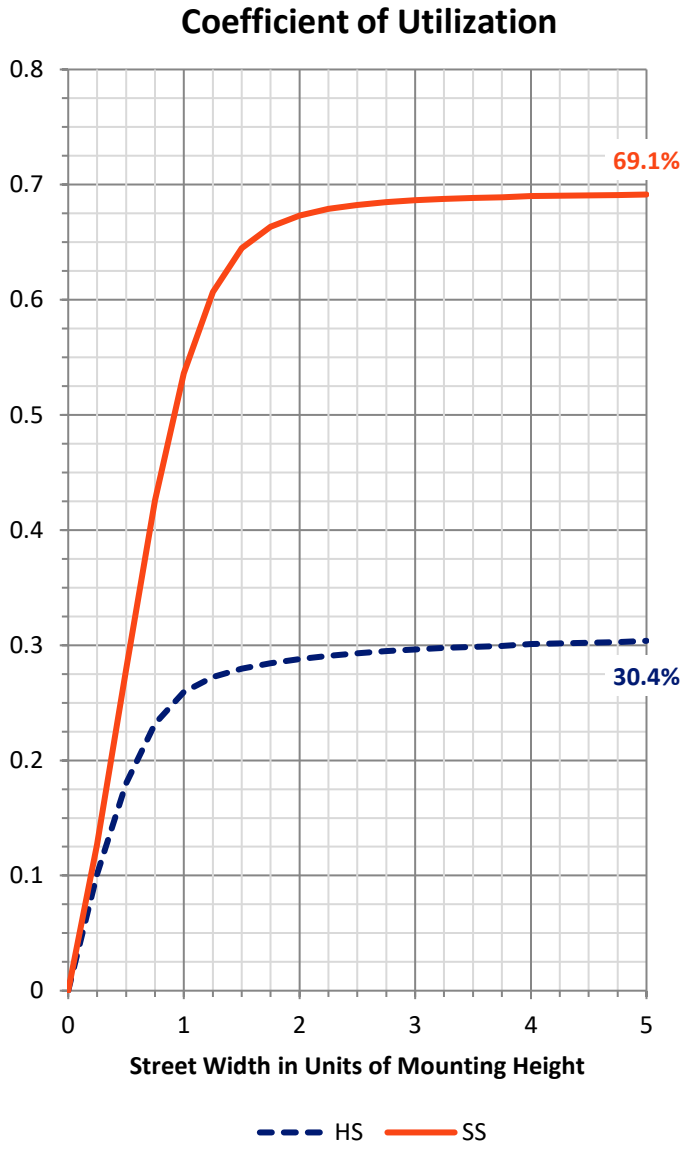
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1517.0	0.0	1517.0
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	3395.5	0.0	3395.5
	% Fixture	69.1	0.0	69.1
Total	Lumens	4912.5	0.0	4912.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.9	1.4
10°-20°	256.6	5.2
20°-30°	519.8	10.6
30°-40°	819.6	16.7
40°-50°	1006.5	20.5
50°-60°	961.5	19.6
60°-70°	806.4	16.4
70°-80°	427.2	8.7
80°-90°	44.1	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°	4912.5	100.0
0°-180°	4912.5	100.0



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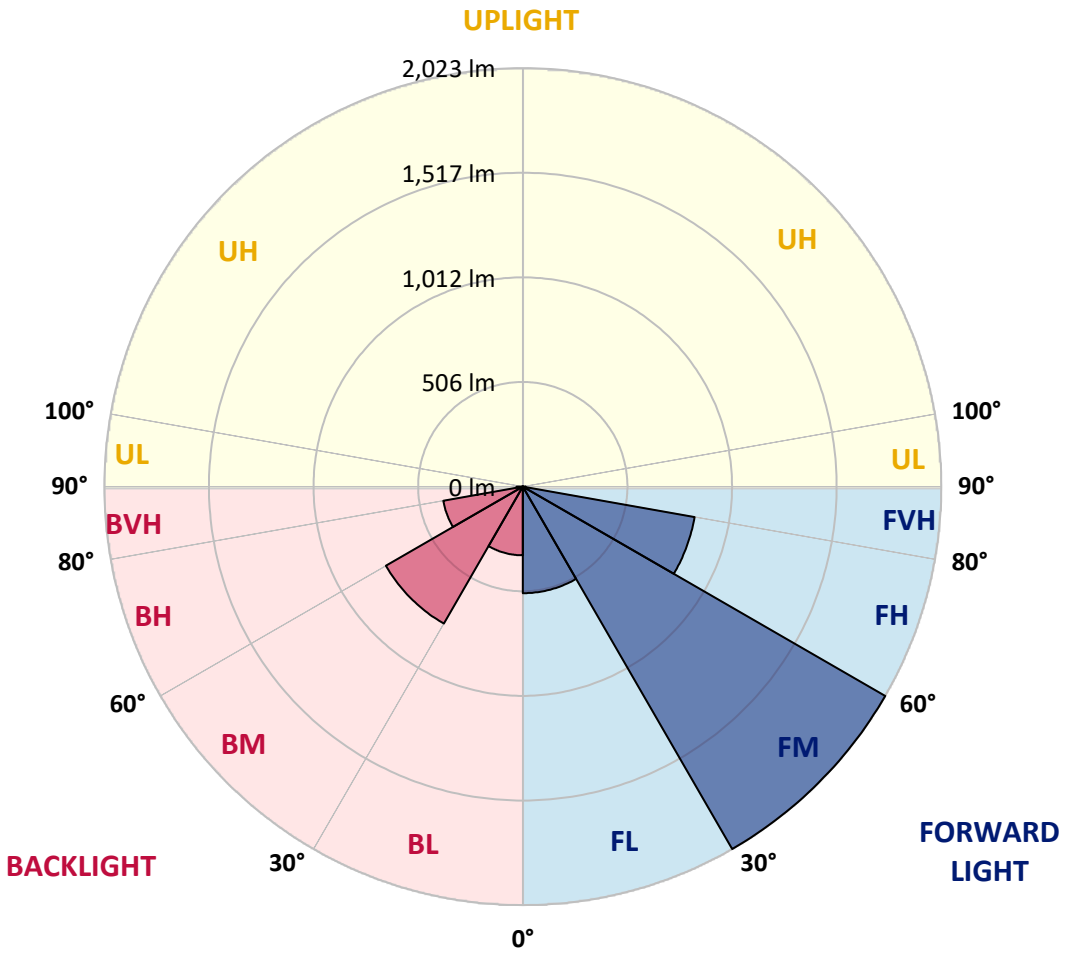
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	515.2	10.5			
FM	(30°-60°)	2023.3	41.2			
FH	(60°-80°)	843.3	17.2			G1/1800
FVH	(80°-90°)	13.7	0.3			G1/100
BL	(0°-30°)	332.0	6.8	B1/500		
BM	(30°-60°)	764.4	15.6	B1/1000		
BH	(60°-80°)	390.2	7.9	B1/500		G1/500
BVH	(80°-90°)	30.4	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: P972312
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	684.3	684.3	684.3	684.3	684.3	684.3	684.3	684.3	684.3	*684.3*	684.3
2.5°	723.8	725.7	721.9	721.0	717.2	711.6	705.0	700.3	692.8	*689.0*	687.1
5°	792.4	788.6	785.8	781.1	768.0	756.7	737.9	724.7	710.6	*701.2*	698.4
7.5°	876.0	877.9	868.5	856.3	837.5	815.0	784.9	760.4	734.1	*721.9*	716.3
10°	967.2	974.7	965.3	950.3	914.6	880.7	844.1	801.8	766.1	*747.3*	739.8
12.5°	1078.1	1082.8	1070.6	1050.9	1007.6	956.9	905.2	852.5	805.6	*782.1*	768.9
15°	1202.2	1198.5	1186.2	1157.1	1101.6	1045.2	974.7	906.1	850.7	*821.5*	802.7
17.5°	1330.1	1325.4	1309.4	1271.8	1208.8	1138.3	1054.6	968.2	898.6	*866.6*	841.3
20°	1452.2	1447.5	1436.3	1394.0	1317.8	1231.4	1133.6	1039.6	953.1	*913.6*	885.4
22.5°	1587.6	1583.8	1566.0	1514.3	1432.5	1337.6	1223.8	1112.0	1012.3	*965.3*	931.5
25°	1734.2	1735.2	1715.4	1643.1	1550.9	1440.0	1320.7	1193.8	1079.1	*1019.9*	981.3
27.5°	1905.3	1904.4	1870.5	1792.5	1676.9	1549.1	1416.5	1279.3	1144.9	*1075.3*	1031.1
30°	2060.4	2056.6	2019.0	1941.0	1807.6	1663.7	1518.0	1362.0	1219.1	*1136.4*	1082.8
32.5°	2175.1	2176.0	2145.0	2059.5	1928.8	1775.6	1613.0	1455.1	1290.6	*1202.2*	1143.0
35°	2257.8	2258.7	2228.7	2155.3	2033.1	1879.9	1713.6	1542.5	1370.5	*1269.9*	1206.0
37.5°	2284.1	2284.1	2264.4	2207.0	2107.4	1973.9	1812.3	1642.1	1450.4	*1343.2*	1269.9
40°	2248.4	2251.2	2250.3	2212.7	2144.1	2038.8	1903.4	1738.0	1539.7	*1415.6*	1334.8
42.5°	2167.6	2169.4	2172.3	2158.2	2136.5	2073.6	1976.8	1835.8	1629.0	*1494.5*	1398.7
45°	2034.1	2041.6	2055.7	2061.3	2069.8	2065.1	2021.9	1926.9	1728.6	*1573.5*	1461.6
47.5°	1864.9	1877.1	1895.9	1929.8	1976.8	2014.3	2033.1	1997.4	1825.4	*1655.3*	1532.1
50°	1629.9	1643.1	1693.8	1764.3	1857.4	1930.7	2002.1	2050.1	1933.5	*1754.9*	1611.1
52.5°	1304.7	1332.9	1418.4	1553.8	1713.6	1822.6	1936.3	2075.4	2043.5	*1872.4*	1705.1
55°	992.6	1002.9	1112.9	1275.5	1521.8	1706.0	1846.1	2062.3	2146.9	*1995.5*	1812.3
57.5°	693.7	705.0	800.9	978.5	1251.1	1553.8	1755.9	2018.1	2240.9	*2140.3*	1935.4
60°	492.5	504.8	576.2	707.8	971.9	1331.9	1672.2	1961.7	2322.7	*2277.5*	2077.3
62.5°	358.1	364.7	402.3	513.2	702.2	1041.5	1552.8	1925.1	2380.0	*2420.4*	2223.0
65°	274.5	281.1	302.7	372.2	518.9	761.4	1338.5	1924.1	2395.0	*2525.7*	2349.0
67°	*228.4*	*227.5*	*246.3*	*298.9*	*405.1*	*572.4*	*1117.6*	*1916.6*	*2378.1*	*2559.5*	*2412.9*
67.5°	216.2	220.0	235.0	279.2	382.6	527.3	1069.7	1904.4	2372.5	*2558.6*	2417.6
70°	172.0	173.0	186.1	220.9	287.6	382.6	769.8	1784.1	2286.9	*2466.5*	2365.0
72.5°	126.0	125.0	144.8	167.3	220.0	278.2	516.0	1498.3	2101.8	*2185.4*	2102.7
75°	93.1	92.1	102.5	127.8	157.0	207.7	334.6	977.6	1423.1	*1390.2*	1284.0
77.5°	62.0	63.9	73.3	94.0	111.9	128.8	167.3	450.2	783.9	*708.7*	682.4
80°	37.6	34.8	41.4	53.6	64.9	65.8	71.4	194.6	336.5	*320.5*	300.8
82.5°	13.2	13.2	16.0	21.6	21.6	21.6	26.3	47.0	66.7	*61.1*	58.3
85°	0.0	0.0	0.0	0.0	1.9	2.8	1.9	3.8	6.6	*7.5*	7.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.9	2.8	*3.8*	3.8
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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Scaled Data Report

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CATALOG NUMBER: GKO-PB1E-730-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	684.3	684.3	684.3	684.3	684.3	684.3	684.3	684.3	684.3	684.3	684.3
2.5°	687.1	687.1	684.3	680.5	678.7	677.7	674.9	671.1	674.0	676.8	676.8
5°	696.5	694.6	689.0	685.2	682.4	682.4	678.7	677.7	680.5	683.4	682.4
7.5°	711.6	707.8	701.2	695.6	696.5	697.5	691.8	691.8	694.6	697.5	697.5
10°	732.2	725.7	719.1	714.4	715.3	716.3	710.6	708.7	711.6	714.4	716.3
12.5°	758.6	750.1	742.6	737.9	736.9	737.9	732.2	730.4	730.4	732.2	732.2
15°	789.6	780.2	770.8	764.2	762.3	761.4	753.9	747.3	747.3	748.2	748.2
17.5°	825.3	812.1	799.9	792.4	787.7	781.1	772.7	763.3	760.4	761.4	761.4
20°	861.0	846.9	830.9	820.6	811.2	799.9	786.8	774.5	768.9	768.9	768.0
22.5°	902.4	883.6	861.9	847.9	830.9	812.1	793.3	777.4	771.7	769.8	769.8
25°	944.7	923.0	892.0	870.4	846.0	818.7	794.3	772.7	763.3	759.5	759.5
27.5°	987.9	962.5	922.1	891.1	855.4	817.8	784.9	757.6	744.5	739.8	737.9
30°	1036.8	1000.1	948.4	906.1	857.2	809.3	767.0	735.1	715.3	704.0	705.0
32.5°	1087.5	1041.5	972.9	915.5	854.4	793.3	739.8	699.3	674.0	663.6	659.9
35°	1139.2	1081.0	994.5	920.2	845.0	768.9	705.0	659.9	631.7	616.6	616.6
37.5°	1191.9	1122.3	1009.5	919.3	828.1	736.9	664.6	616.6	583.7	564.9	560.2
40°	1243.6	1160.9	1020.8	911.8	802.7	698.4	621.3	569.6	525.4	501.0	497.2
42.5°	1294.3	1192.8	1026.4	899.5	772.7	656.1	572.4	502.9	460.6	438.0	437.1
45°	1340.4	1218.2	1027.4	883.6	733.2	608.2	506.6	439.9	397.6	374.1	374.1
47.5°	1385.5	1246.4	1026.4	862.9	689.9	546.1	437.1	372.2	333.7	318.6	313.9
50°	1440.0	1274.6	1025.5	837.5	634.5	471.9	369.4	313.9	281.1	266.0	266.0
52.5°	1495.5	1307.5	1027.4	801.8	568.7	399.5	309.2	260.4	238.8	229.4	228.4
55°	1566.9	1342.3	1032.1	759.5	500.1	329.0	257.6	224.7	209.6	204.9	205.9
57.5°	1653.4	1390.2	1041.5	709.7	420.2	269.8	220.9	203.0	199.3	201.2	202.1
60°	1752.1	1449.4	1054.6	653.3	349.7	224.7	199.3	195.5	199.3	206.8	207.7
62.5°	1866.8	1520.9	1071.6	590.3	280.1	197.4	189.9	192.7	195.5	207.7	208.7
65°	1968.3	1597.9	1075.3	516.0	227.5	179.5	184.2	186.1	193.6	207.7	208.7
67°	*2025.6*	*1650.6*	*1049.9*	*445.5*	*194.6*	*170.1*	*176.7*	*178.6*	*191.8*	*205.9*	*207.7*
67.5°	2032.2	1661.9	1033.0	427.7	188.0	168.3	174.8	178.6	191.8	205.9	206.8
70°	2012.5	1654.3	920.2	322.4	155.1	155.1	162.6	171.1	184.2	199.3	205.9
72.5°	1836.7	1508.6	712.5	219.0	131.6	140.1	151.3	163.6	175.8	193.6	204.9
75°	1160.9	971.0	436.1	146.6	110.0	125.0	142.9	157.0	167.3	180.5	188.0
77.5°	620.4	480.3	188.0	86.5	86.5	110.9	132.5	145.7	151.3	156.0	160.7
80°	293.3	223.7	91.2	51.7	60.2	86.5	117.5	131.6	133.5	139.1	141.0
82.5°	58.3	50.8	30.1	27.3	39.5	62.0	97.8	113.7	114.7	124.1	126.0
85°	7.5	6.6	4.7	10.3	25.4	46.1	75.2	97.8	99.6	99.6	97.8
87.5°	3.8	2.8	2.8	7.5	18.8	34.8	62.0	81.8	82.7	64.9	63.0
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

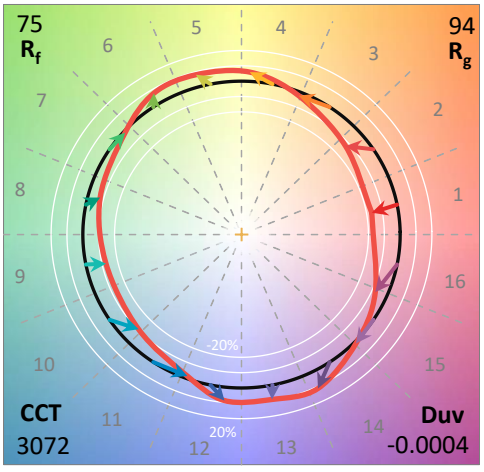
Test Information

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

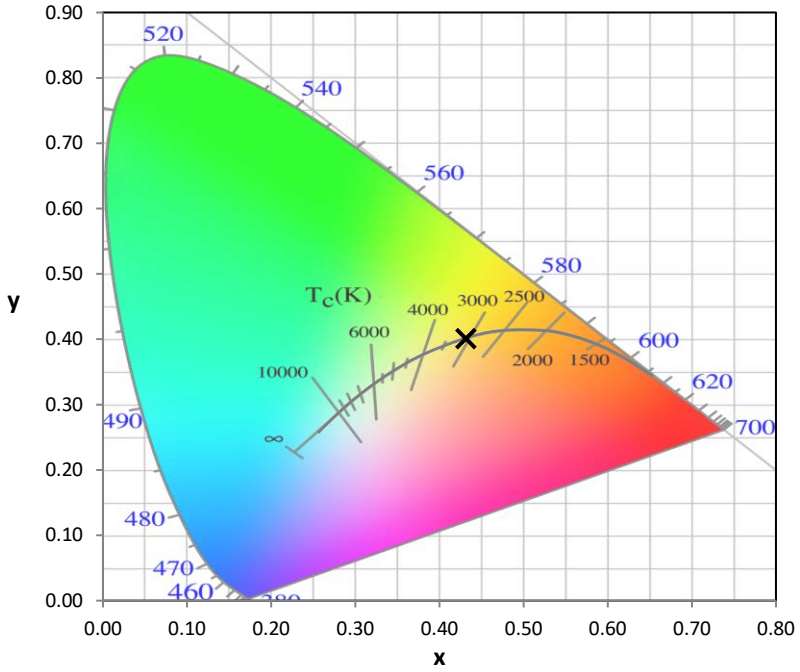
Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.7

REPORT NUMBER: SP2-2501-321-4

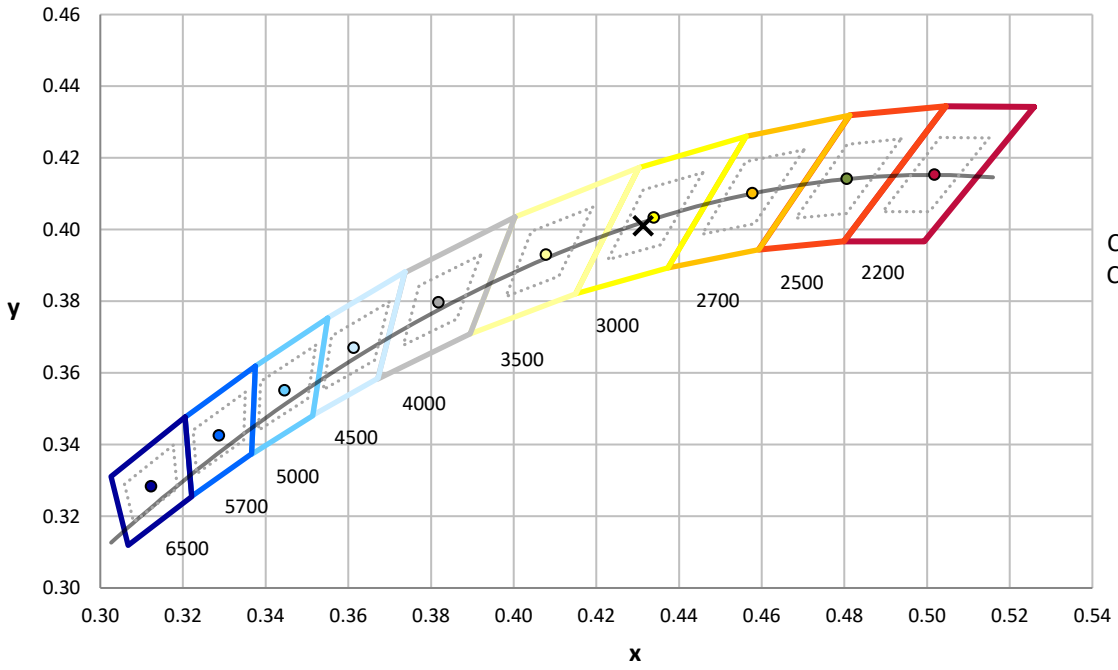
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

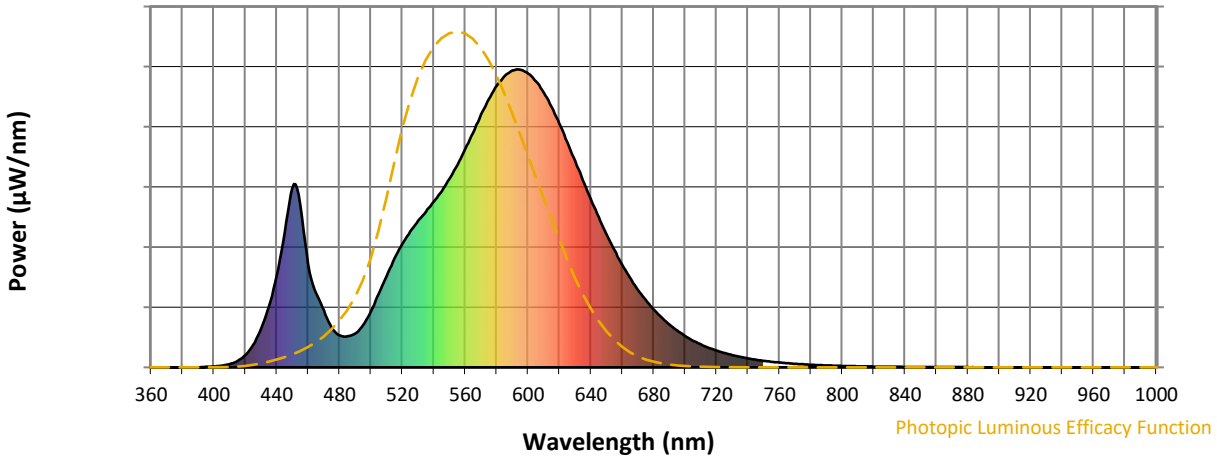


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

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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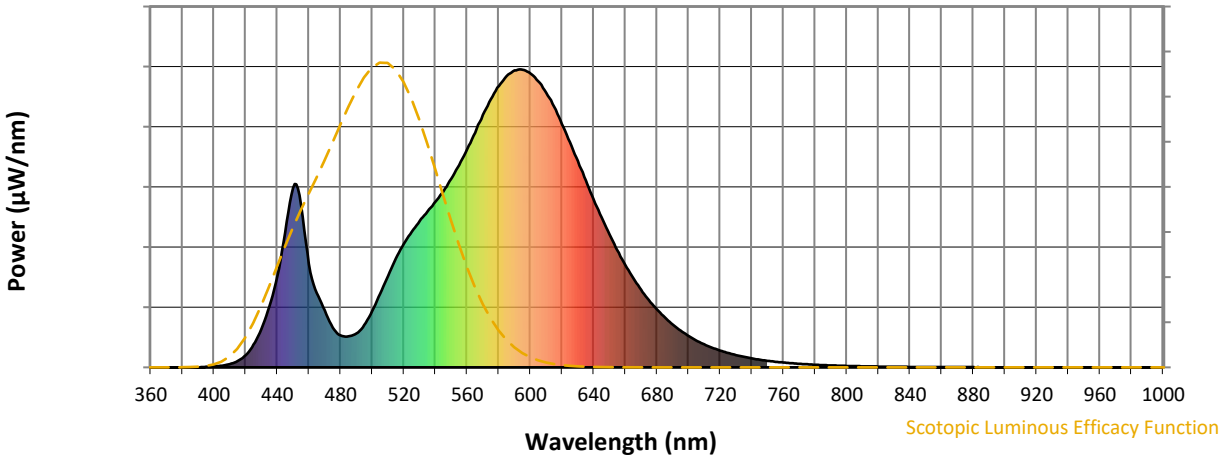
Scotopic Flux vs. Wavelength



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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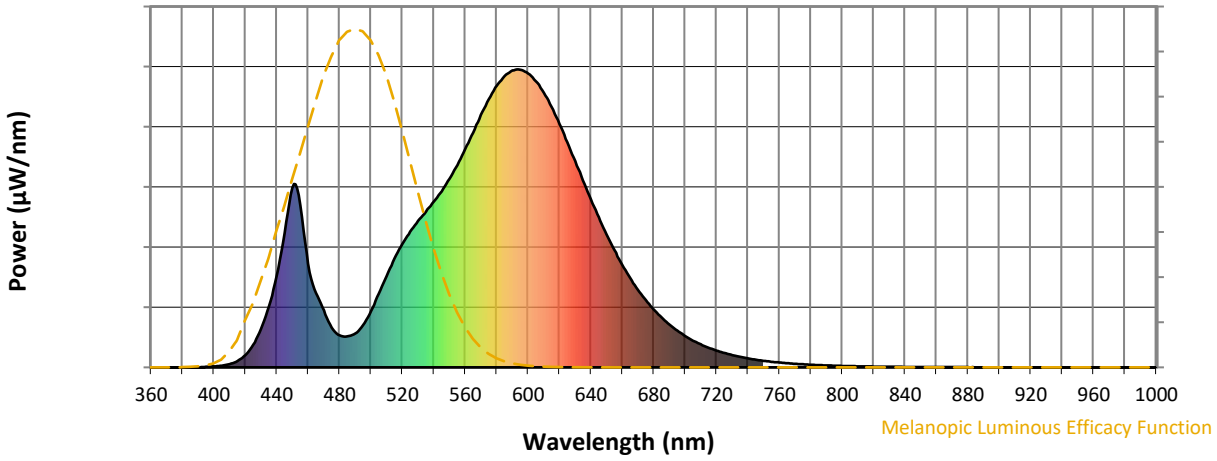
Melanopic Flux vs. Wavelength



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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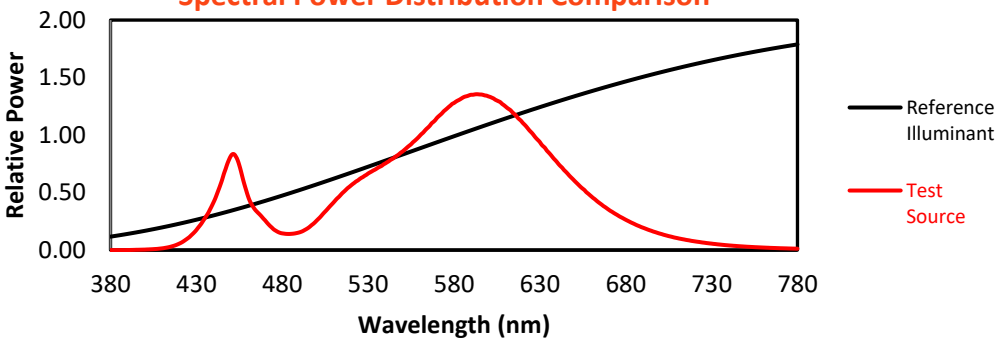
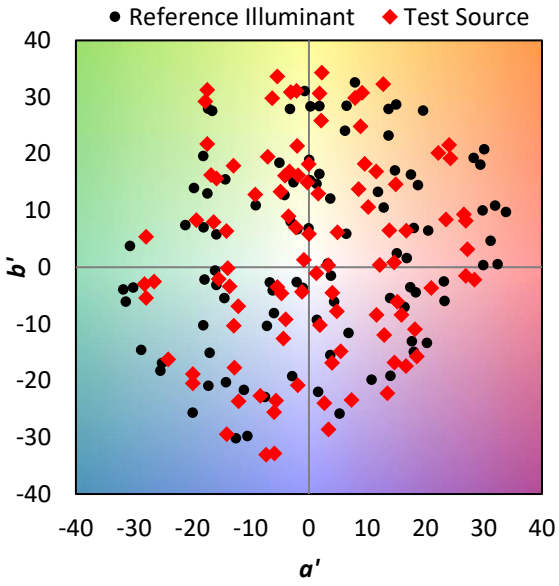
Summary

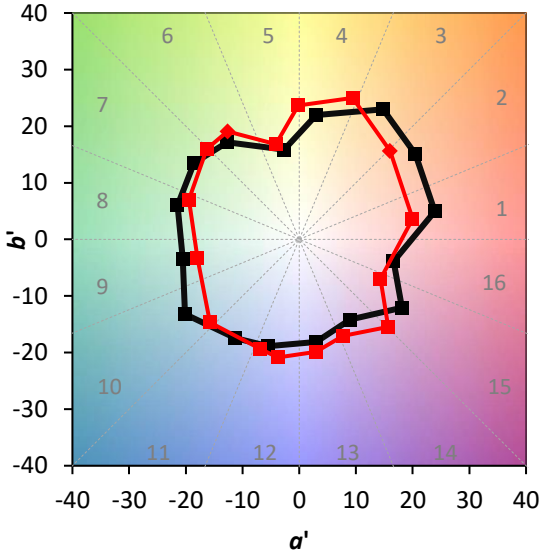
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

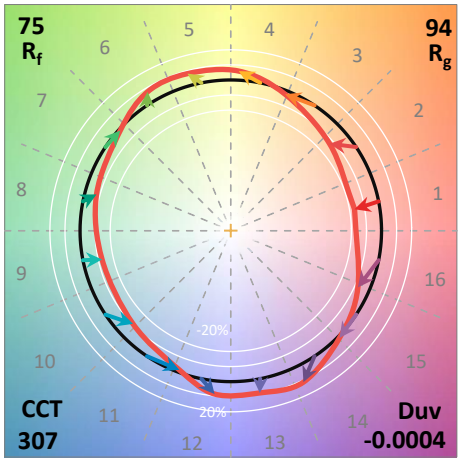
Spectral Power Distribution Comparison

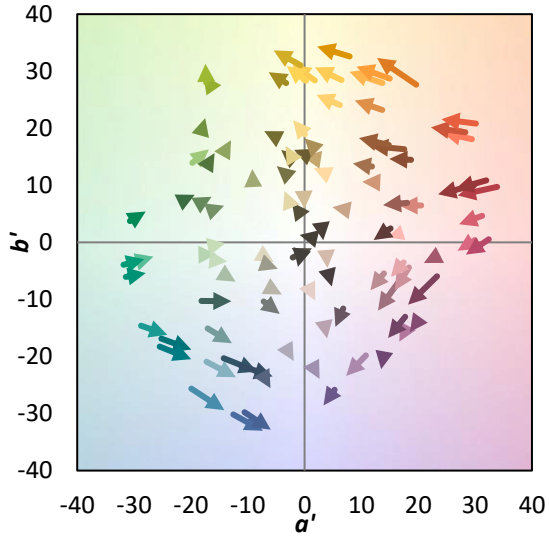


Color Vector Graphics









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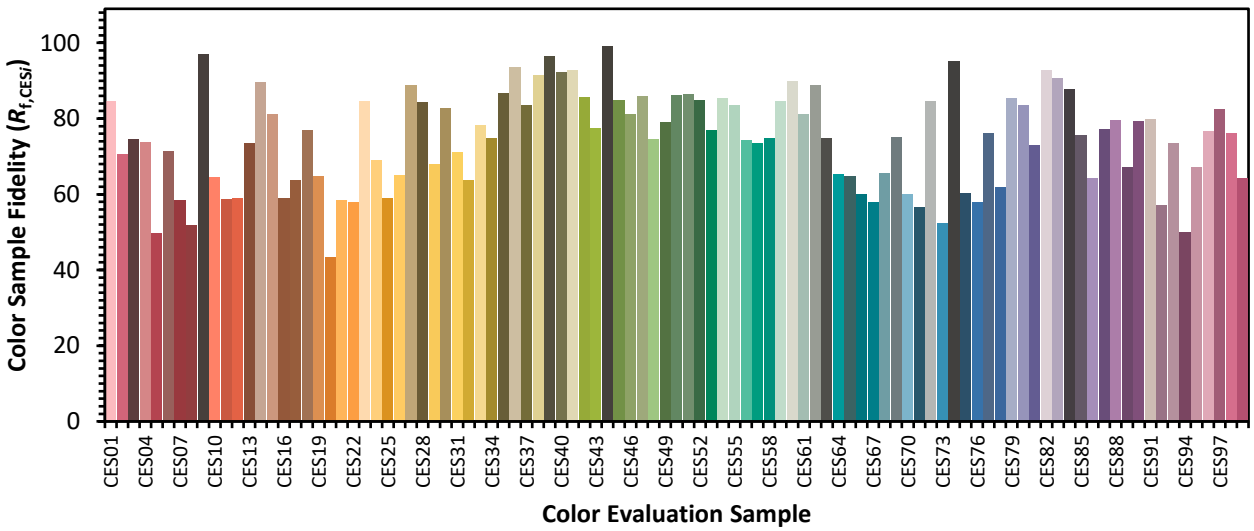
Individual Sample Fidelity Index ($R_{f,i}$)

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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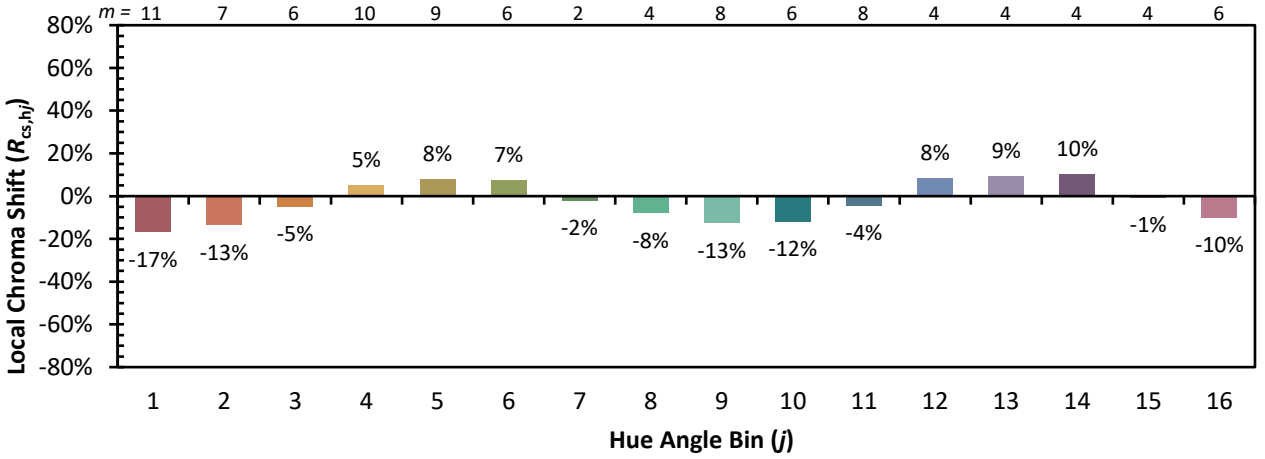
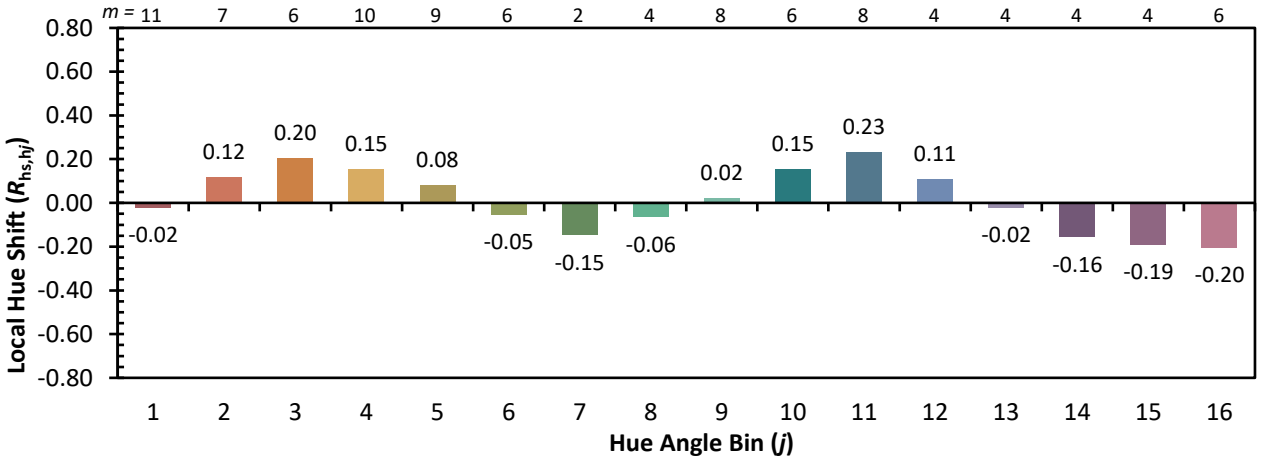
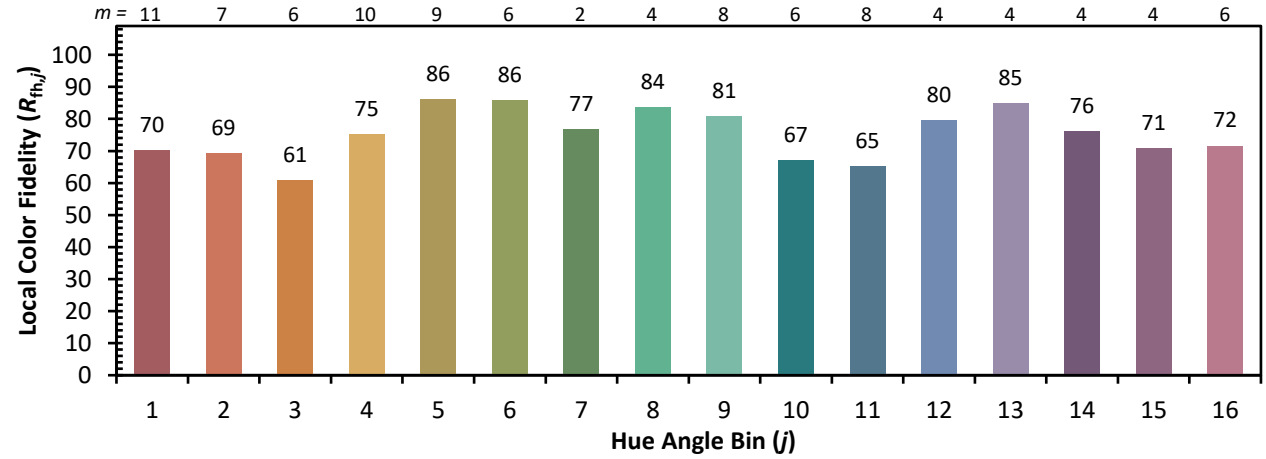
Color Rendition by Hue-Angle Bin







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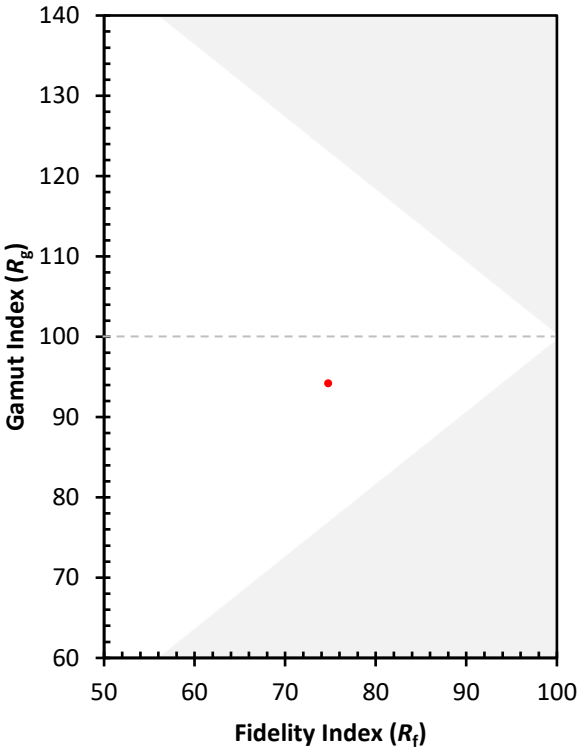
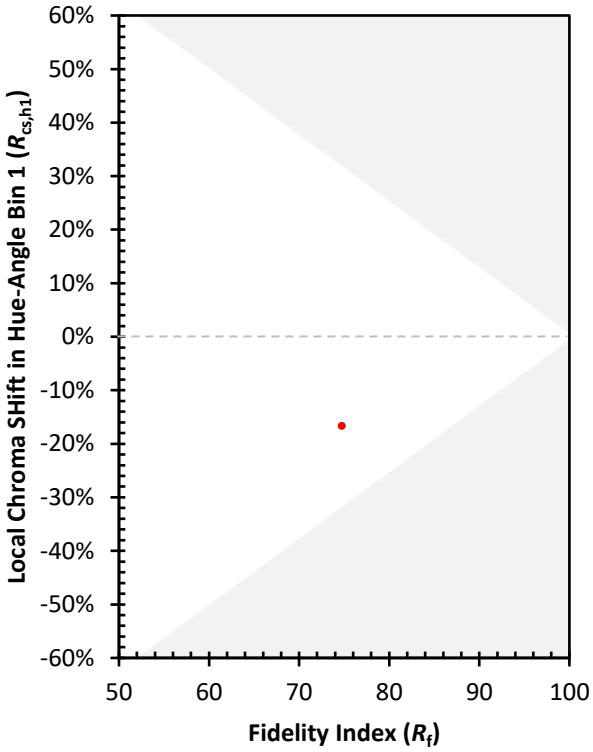
Measure Comparisons





(END OF REPORT)