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: P972322

Luminaire Tested: **GKO-PB1E-740-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:	P972322
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1E-740-U-T2R
Description:	GEKKO WALL PACK 5000LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(10) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5226 lumens
Efficiency:	N/A
Efficacy:	135.0 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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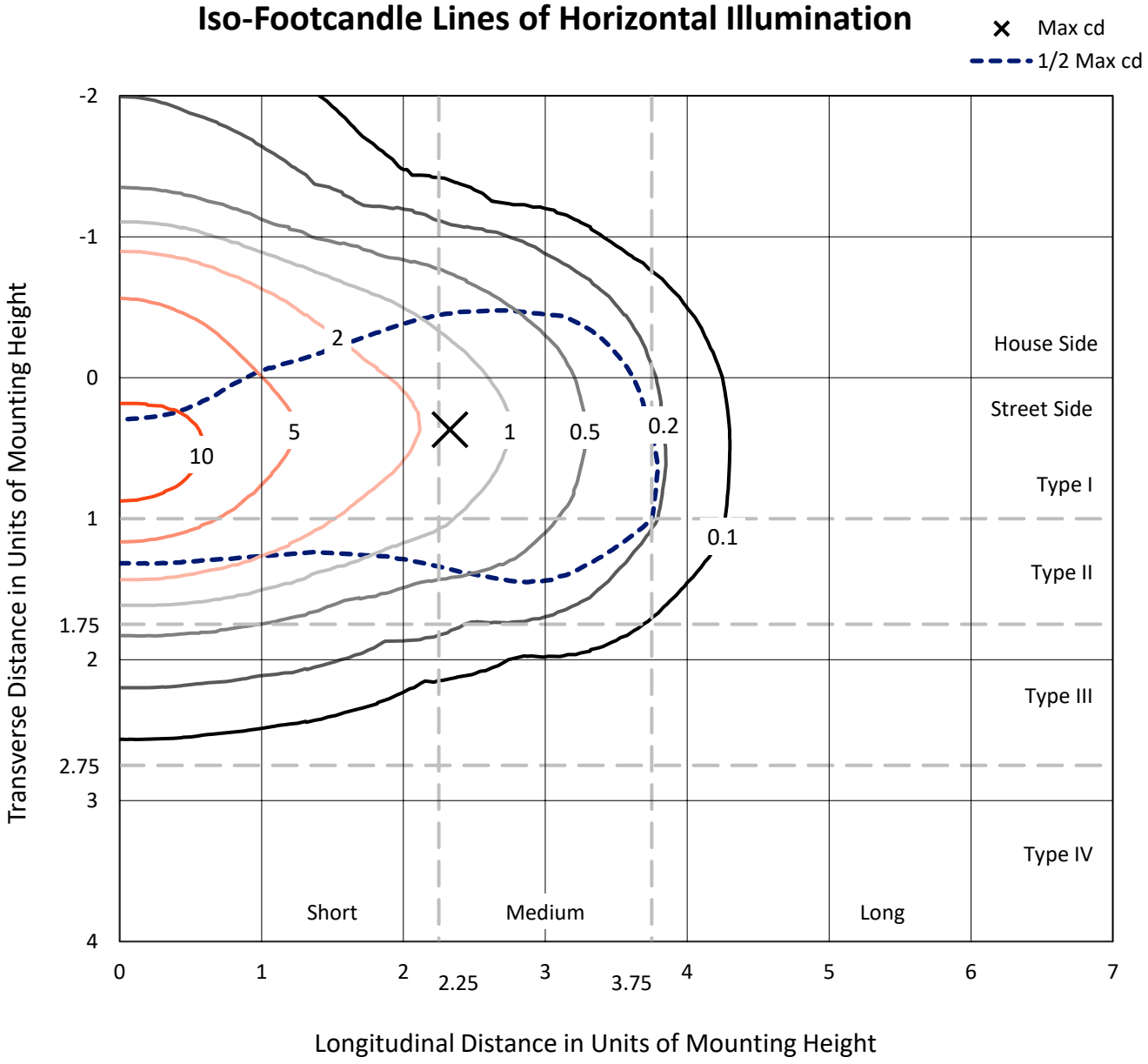
REPORT NUMBER: P972322
CATALOG NUMBER: GKO-PB1E-740-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 14 fc
Type II - Medium - N/A

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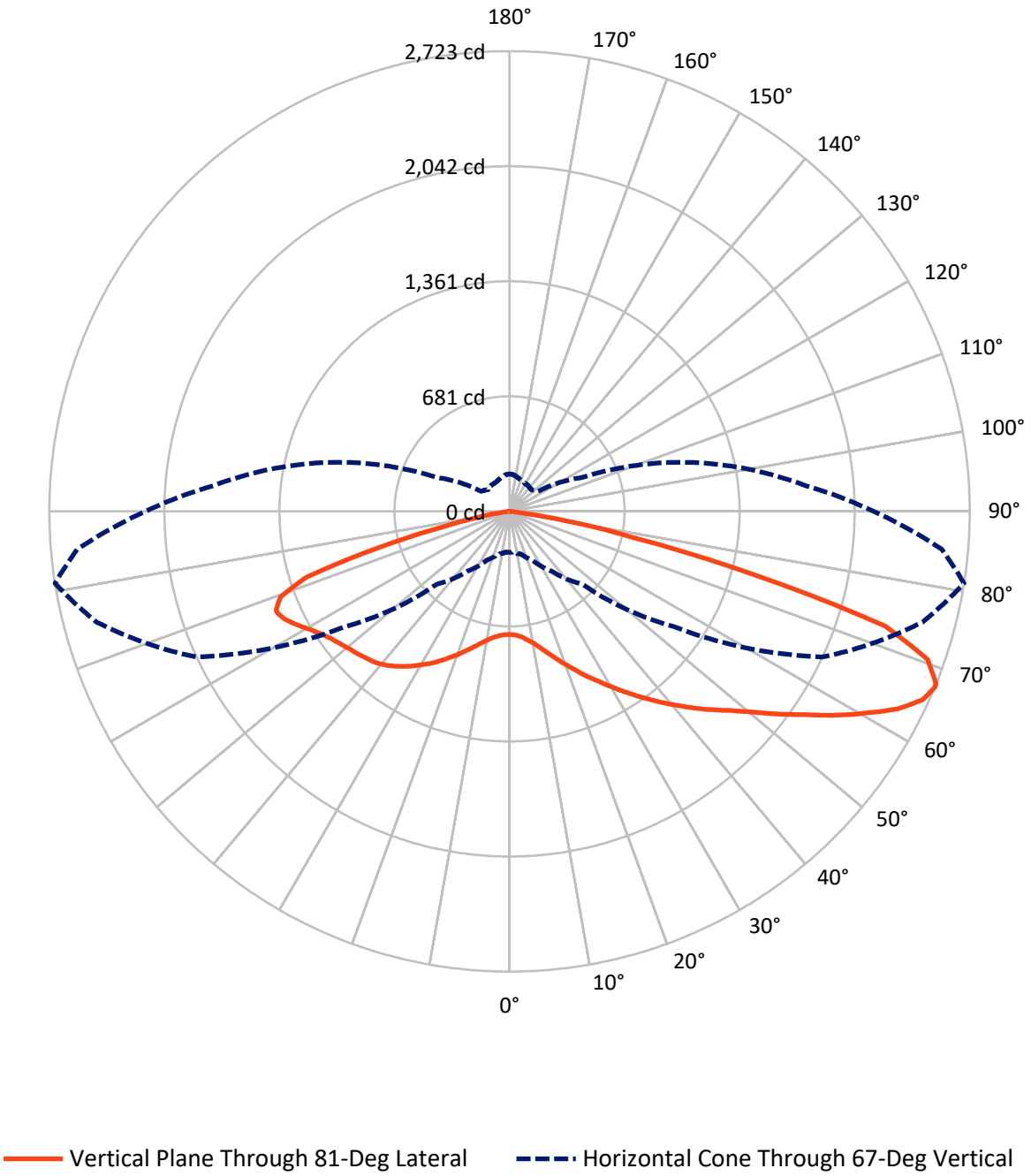
Luminous Intensity Polar Plot



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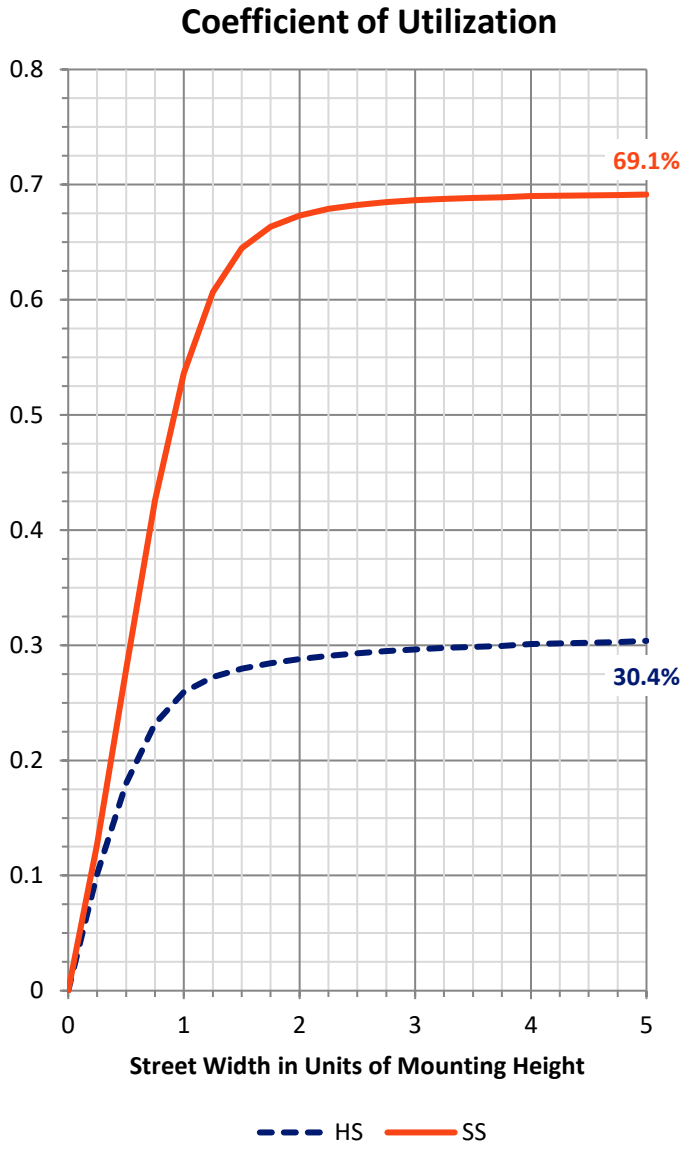
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1613.8	0.0	1613.8
	% Fixture	30.9	0.0	30.9
Street Side	Lumens	3612.2	0.0	3612.2
	% Fixture	69.1	0.0	69.1
Total	Lumens	5226.0	0.0	5226.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.4	1.4
10°-20°	273.0	5.2
20°-30°	552.9	10.6
30°-40°	871.9	16.7
40°-50°	1070.7	20.5
50°-60°	1022.9	19.6
60°-70°	857.8	16.4
70°-80°	454.4	8.7
80°-90°	46.9	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°	5226.0	100.0
0°-180°	5226.0	100.0



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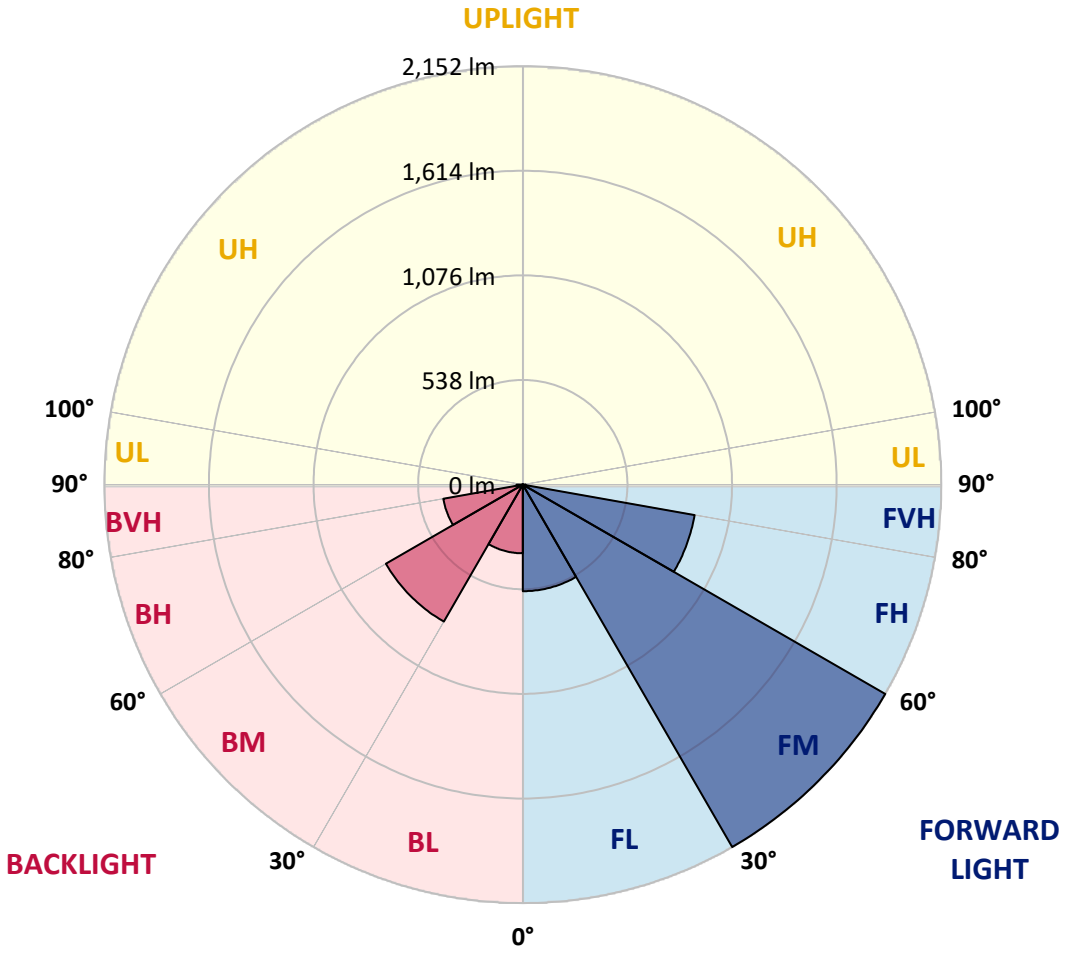
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	548.1	10.5			
FM	(30°-60°)	2152.4	41.2			
FH	(60°-80°)	897.1	17.2			G1/1800
FVH	(80°-90°)	14.6	0.3			G1/100
BL	(0°-30°)	353.2	6.8	B1/500		
BM	(30°-60°)	813.2	15.6	B1/1000		
BH	(60°-80°)	415.1	7.9	B1/500		G1/500
BVH	(80°-90°)	32.4	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: P972322
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	81°	85°
0°	728.0	728.0	728.0	728.0	728.0	728.0	728.0	728.0	728.0	*728.0*	728.0
2.5°	770.0	772.0	768.0	767.0	763.0	757.0	750.0	745.0	737.0	*733.0*	731.0
5°	843.0	839.0	836.0	831.0	817.0	805.0	785.0	771.0	756.0	*746.0*	743.0
7.5°	932.0	934.0	924.0	911.0	891.0	867.0	835.0	809.0	781.0	*768.0*	762.0
10°	1029.0	1037.0	1027.0	1011.0	973.0	937.0	898.0	853.0	815.0	*795.0*	787.0
12.5°	1147.0	1152.0	1139.0	1118.0	1072.0	1018.0	963.0	907.0	857.0	*832.0*	818.0
15°	1279.0	1275.0	1262.0	1231.0	1172.0	1112.0	1037.0	964.0	905.0	*874.0*	854.0
17.5°	1415.0	1410.0	1393.0	1353.0	1286.0	1211.0	1122.0	1030.0	956.0	*922.0*	895.0
20°	1544.9	1539.9	1527.9	1482.9	1402.0	1310.0	1206.0	1106.0	1014.0	*972.0*	942.0
22.5°	1688.9	1684.9	1665.9	1610.9	1523.9	1422.9	1302.0	1183.0	1077.0	*1027.0*	991.0
25°	1844.9	1845.9	1824.9	1747.9	1649.9	1531.9	1405.0	1270.0	1148.0	*1085.0*	1044.0
27.5°	2026.9	2025.9	1989.9	1906.9	1783.9	1647.9	1506.9	1361.0	1218.0	*1144.0*	1097.0
30°	2191.9	2187.9	2147.9	2064.9	1922.9	1769.9	1614.9	1448.9	1297.0	*1209.0*	1152.0
32.5°	2313.9	2314.9	2281.9	2190.9	2051.9	1888.9	1715.9	1547.9	1373.0	*1279.0*	1216.0
35°	2401.9	2402.9	2370.9	2292.9	2162.9	1999.9	1822.9	1640.9	1457.9	*1351.0*	1283.0
37.5°	2429.9	2429.9	2408.9	2347.9	2241.9	2099.9	1927.9	1746.9	1542.9	*1428.9*	1351.0
40°	2391.9	2394.9	2393.9	2353.9	2280.9	2168.9	2024.9	1848.9	1637.9	*1505.9*	1420.0
42.5°	2305.9	2307.9	2310.9	2295.9	2272.9	2205.9	2102.9	1952.9	1732.9	*1589.9*	1487.9
45°	2163.9	2171.9	2186.9	2192.9	2201.9	2196.9	2150.9	2049.9	1838.9	*1673.9*	1554.9
47.5°	1983.9	1996.9	2016.9	2052.9	2102.9	2142.9	2162.9	2124.9	1941.9	*1760.9*	1629.9
50°	1733.9	1747.9	1801.9	1876.9	1975.9	2053.9	2129.9	2180.9	2056.9	*1866.9*	1713.9
52.5°	1388.0	1418.0	1508.9	1652.9	1822.9	1938.9	2059.9	2207.9	2173.9	*1991.9*	1813.9
55°	1056.0	1067.0	1184.0	1357.0	1618.9	1814.9	1963.9	2193.9	2283.9	*2122.9*	1927.9
57.5°	738.0	750.0	852.0	1041.0	1331.0	1652.9	1867.9	2146.9	2383.9	*2276.9*	2058.9
60°	524.0	537.0	613.0	753.0	1034.0	1417.0	1778.9	2086.9	2470.9	*2422.9*	2209.9
62.5°	381.0	388.0	428.0	546.0	747.0	1108.0	1651.9	2047.9	2531.9	*2574.9*	2364.9
65°	292.0	299.0	322.0	396.0	552.0	810.0	1423.9	2046.9	2547.9	*2686.9*	2498.9
67°	*243.0*	*242.0*	*262.0*	*318.0*	*431.0*	*609.0*	*1189.0*	*2038.9*	*2529.9*	*2722.9*	*2566.9*
67.5°	230.0	234.0	250.0	297.0	407.0	561.0	1138.0	2025.9	2523.9	*2721.9*	2571.9
70°	183.0	184.0	198.0	235.0	306.0	407.0	819.0	1897.9	2432.9	*2623.9*	2515.9
72.5°	134.0	133.0	154.0	178.0	234.0	296.0	549.0	1593.9	2235.9	*2324.9*	2236.9
75°	99.0	98.0	109.0	136.0	167.0	221.0	356.0	1040.0	1513.9	*1478.9*	1366.0
77.5°	66.0	68.0	78.0	100.0	119.0	137.0	178.0	479.0	834.0	*754.0*	726.0
80°	40.0	37.0	44.0	57.0	69.0	70.0	76.0	207.0	358.0	*341.0*	320.0
82.5°	14.0	14.0	17.0	23.0	23.0	23.0	28.0	50.0	71.0	*65.0*	62.0
85°	0.0	0.0	0.0	0.0	2.0	3.0	2.0	4.0	7.0	*8.0*	8.0
87.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0	3.0	*4.0*	4.0
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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REPORT NUMBER: P972322
CATALOG NUMBER: GKO-PB1E-740-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	728.0	728.0	728.0	728.0	728.0	728.0	728.0	728.0	728.0	728.0	728.0
2.5°	731.0	731.0	728.0	724.0	722.0	721.0	718.0	714.0	717.0	720.0	720.0
5°	741.0	739.0	733.0	729.0	726.0	726.0	722.0	721.0	724.0	727.0	726.0
7.5°	757.0	753.0	746.0	740.0	741.0	742.0	736.0	736.0	739.0	742.0	742.0
10°	779.0	772.0	765.0	760.0	761.0	762.0	756.0	754.0	757.0	760.0	762.0
12.5°	807.0	798.0	790.0	785.0	784.0	785.0	779.0	777.0	777.0	779.0	779.0
15°	840.0	830.0	820.0	813.0	811.0	810.0	802.0	795.0	795.0	796.0	796.0
17.5°	878.0	864.0	851.0	843.0	838.0	831.0	822.0	812.0	809.0	810.0	810.0
20°	916.0	901.0	884.0	873.0	863.0	851.0	837.0	824.0	818.0	818.0	817.0
22.5°	960.0	940.0	917.0	902.0	884.0	864.0	844.0	827.0	821.0	819.0	819.0
25°	1005.0	982.0	949.0	926.0	900.0	871.0	845.0	822.0	812.0	808.0	808.0
27.5°	1051.0	1024.0	981.0	948.0	910.0	870.0	835.0	806.0	792.0	787.0	785.0
30°	1103.0	1064.0	1009.0	964.0	912.0	861.0	816.0	782.0	761.0	749.0	750.0
32.5°	1157.0	1108.0	1035.0	974.0	909.0	844.0	787.0	744.0	717.0	706.0	702.0
35°	1212.0	1150.0	1058.0	979.0	899.0	818.0	750.0	702.0	672.0	656.0	656.0
37.5°	1268.0	1194.0	1074.0	978.0	881.0	784.0	707.0	656.0	621.0	601.0	596.0
40°	1323.0	1235.0	1086.0	970.0	854.0	743.0	661.0	606.0	559.0	533.0	529.0
42.5°	1377.0	1269.0	1092.0	957.0	822.0	698.0	609.0	535.0	490.0	466.0	465.0
45°	1425.9	1296.0	1093.0	940.0	780.0	647.0	539.0	468.0	423.0	398.0	398.0
47.5°	1473.9	1326.0	1092.0	918.0	734.0	581.0	465.0	396.0	355.0	339.0	334.0
50°	1531.9	1356.0	1091.0	891.0	675.0	502.0	393.0	334.0	299.0	283.0	283.0
52.5°	1590.9	1391.0	1093.0	853.0	605.0	425.0	329.0	277.0	254.0	244.0	243.0
55°	1666.9	1427.9	1098.0	808.0	532.0	350.0	274.0	239.0	223.0	218.0	219.0
57.5°	1758.9	1478.9	1108.0	755.0	447.0	287.0	235.0	216.0	212.0	214.0	215.0
60°	1863.9	1541.9	1122.0	695.0	372.0	239.0	212.0	208.0	212.0	220.0	221.0
62.5°	1985.9	1617.9	1140.0	628.0	298.0	210.0	202.0	205.0	208.0	221.0	222.0
65°	2093.9	1699.9	1144.0	549.0	242.0	191.0	196.0	198.0	206.0	221.0	222.0
67°	*2154.9*	*1755.9*	*1117.0*	*474.0*	*207.0*	*181.0*	*188.0*	*190.0*	*204.0*	*219.0*	*221.0*
67.5°	2161.9	1767.9	1099.0	455.0	200.0	179.0	186.0	190.0	204.0	219.0	220.0
70°	2140.9	1759.9	979.0	343.0	165.0	165.0	173.0	182.0	196.0	212.0	219.0
72.5°	1953.9	1604.9	758.0	233.0	140.0	149.0	161.0	174.0	187.0	206.0	218.0
75°	1235.0	1033.0	464.0	156.0	117.0	133.0	152.0	167.0	178.0	192.0	200.0
77.5°	660.0	511.0	200.0	92.0	92.0	118.0	141.0	155.0	161.0	166.0	171.0
80°	312.0	238.0	97.0	55.0	64.0	92.0	125.0	140.0	142.0	148.0	150.0
82.5°	62.0	54.0	32.0	29.0	42.0	66.0	104.0	121.0	122.0	132.0	134.0
85°	8.0	7.0	5.0	11.0	27.0	49.0	80.0	104.0	106.0	106.0	104.0
87.5°	4.0	3.0	3.0	8.0	20.0	37.0	66.0	87.0	88.0	69.0	67.0
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: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

Data in this report applies to families of products including GKO-PB1E-740-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

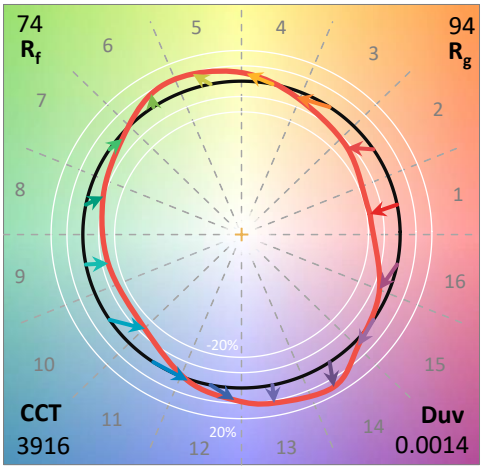
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-1
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-740-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3916
CIE u':	0.2259
CIE v':	0.5049
Duv:	0.0014
CIE x:	0.3853
CIE y:	0.3827
CIE z:	0.2321
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	578
Purity:	30.46652
Rf:	73.5
Rg:	93.5

CRI (Ra):	71.0				
R1:	67.4	R9:	-37.9
R2:	78.3	R10:	48.9
R3:	87.2	R11:	64.6
R4:	69.5	R12:	40.9
R5:	67.2	R13:	69.2
R6:	69.3	R14:	92.7
R7:	79.9	R15:	59.8
R8:	48.9		



Test Conditions

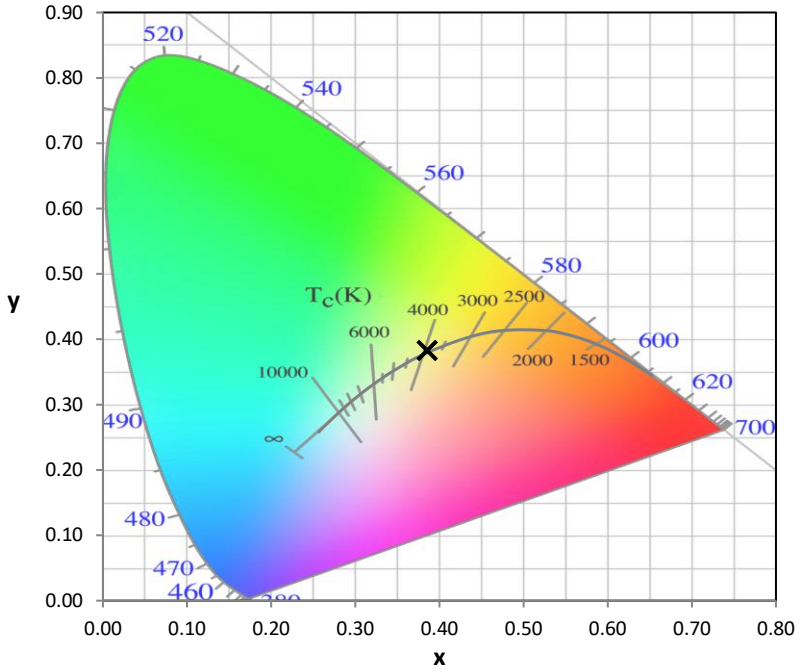
Stabilization Time:	33M
Operation Time:	1H 33M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-1

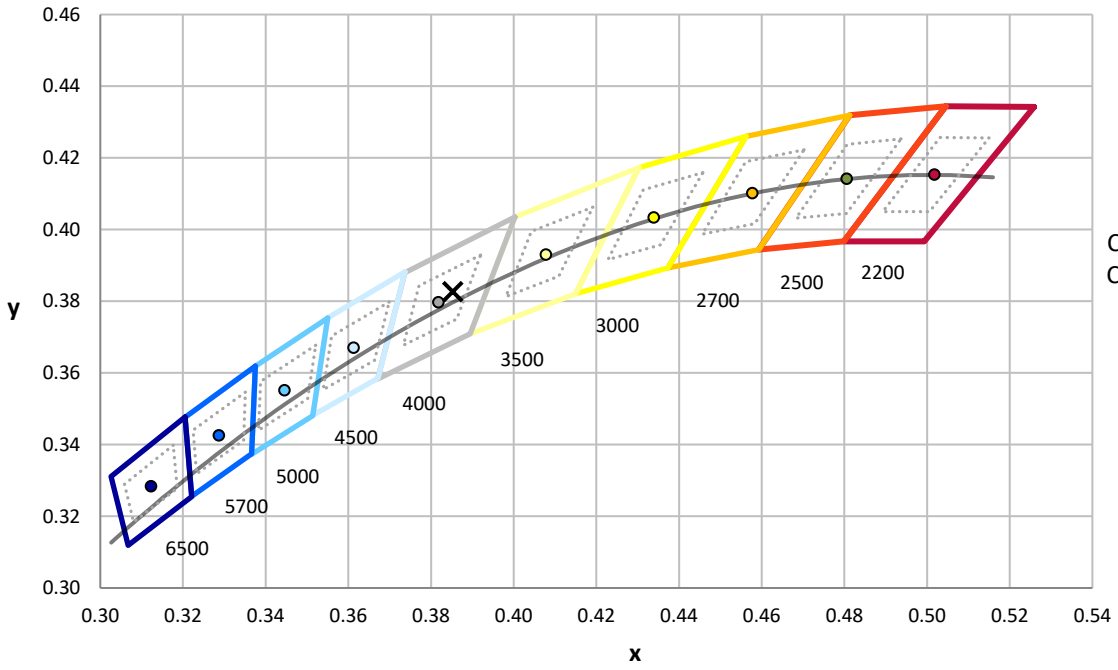
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-1

CIE 1931 Chromaticity Diagram



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

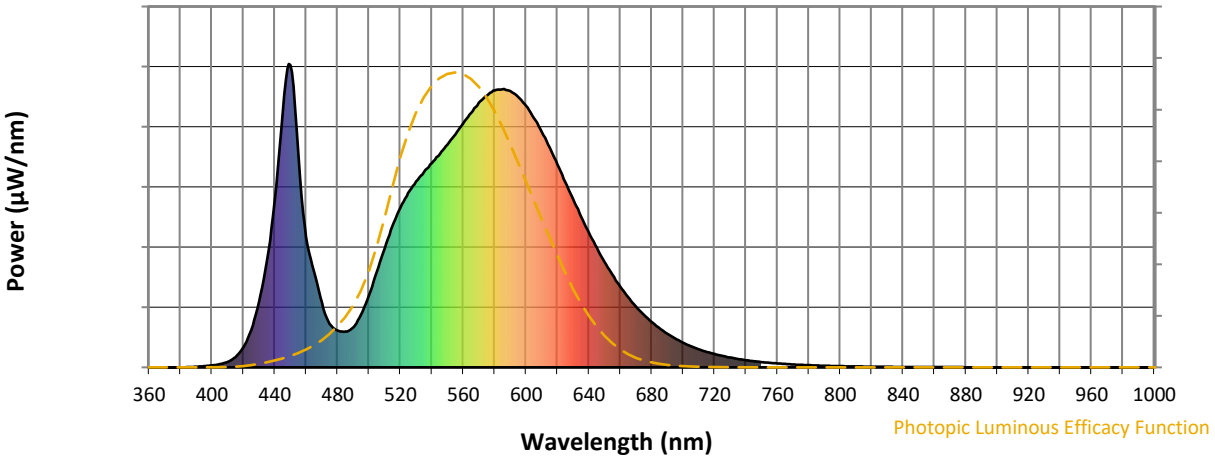


CCT = 3916K
CIE x = 0.3853
CIE y = 0.3827
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-1

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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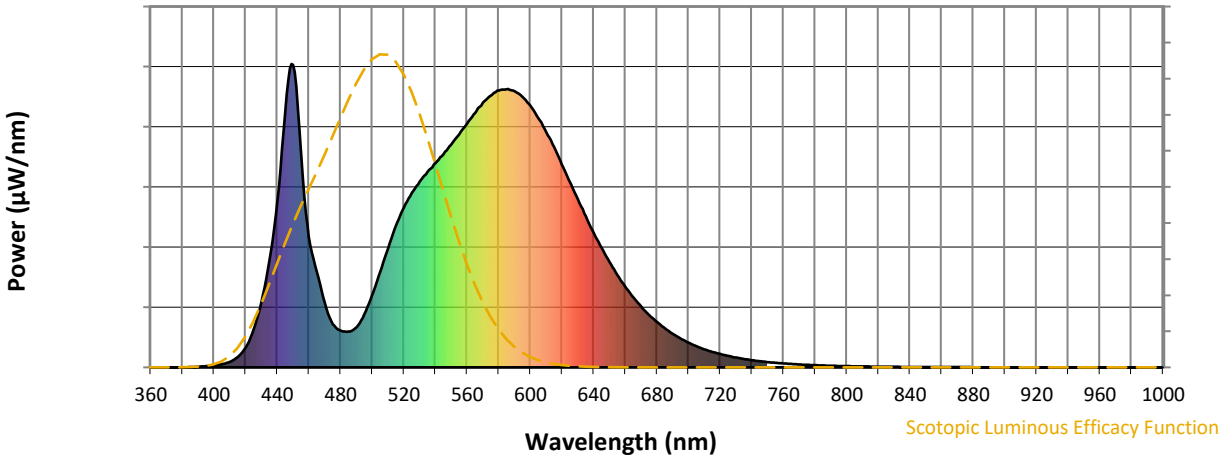
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.49**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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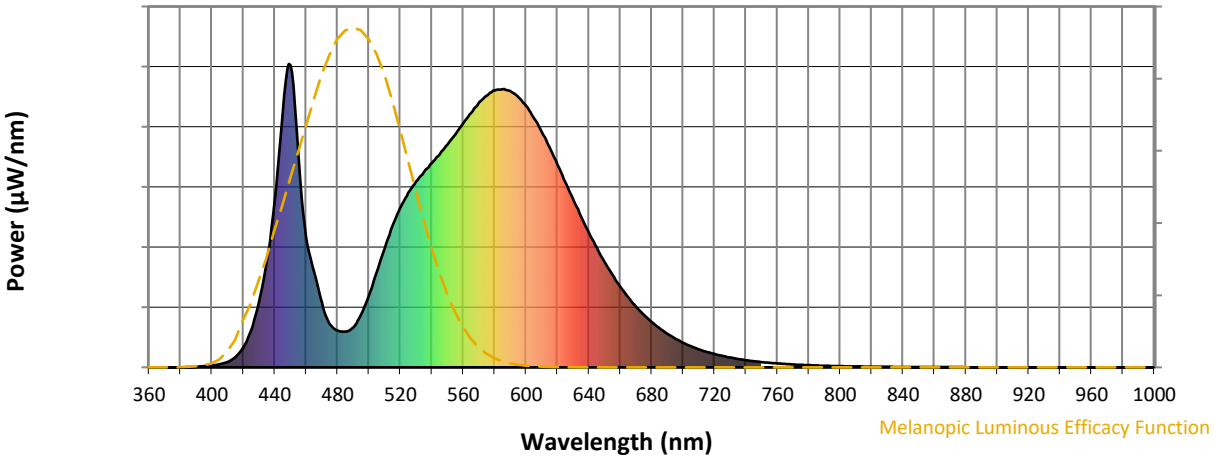
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

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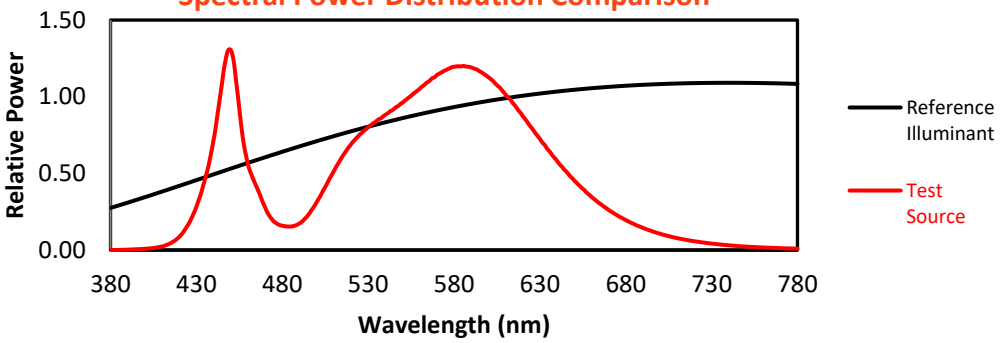
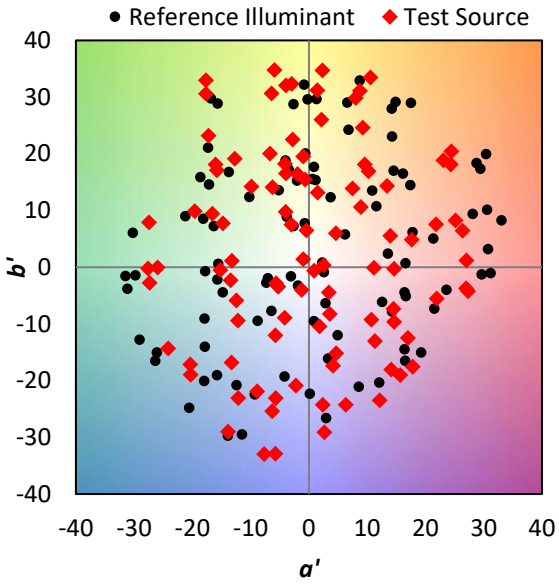
Summary

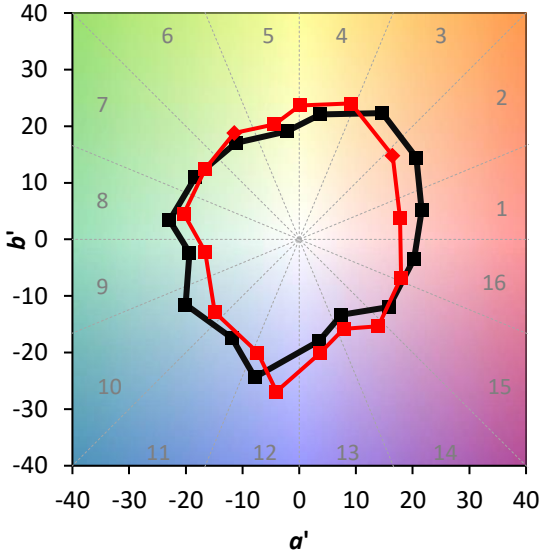
R_f = 73.5
R_g = 93.5
CIE R_a = 71.0
R_9 = -37.9

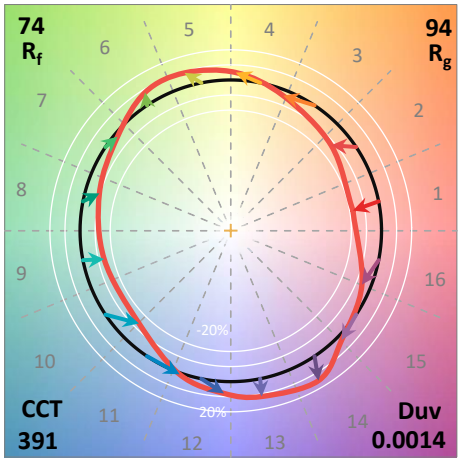
Spectral Power Distribution Comparison

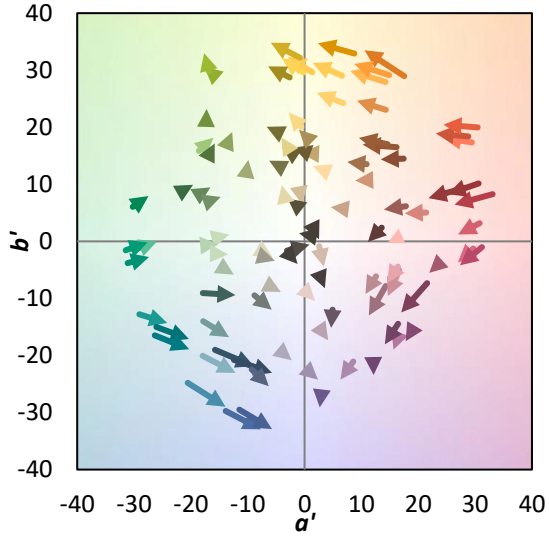


Color Vector Graphics









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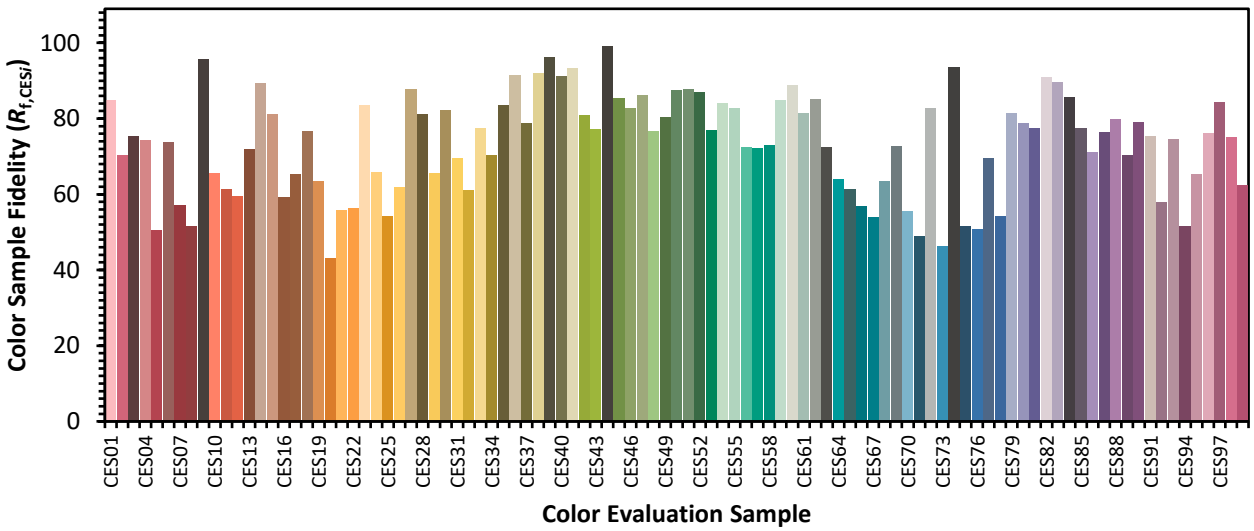
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 91
CES08 = 39	CES33 = 77	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 86
CES10 = 74	CES35 = 84	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 81	CES86 = 71
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 76
CES13 = 42	CES38 = 92	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 64	CES89 = 70
CES15 = 71	CES40 = 91	CES65 = 61	CES90 = 79
CES16 = 46	CES41 = 93	CES66 = 57	CES91 = 75
CES17 = 49	CES42 = 81	CES67 = 54	CES92 = 58
CES18 = 56	CES43 = 77	CES68 = 63	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 73	CES94 = 52
CES20 = 65	CES45 = 85	CES70 = 56	CES95 = 65
CES21 = 86	CES46 = 83	CES71 = 49	CES96 = 76
CES22 = 78	CES47 = 86	CES72 = 83	CES97 = 84
CES23 = 92	CES48 = 77	CES73 = 46	CES98 = 75
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 62
CES25 = 72	CES50 = 87	CES75 = 52	



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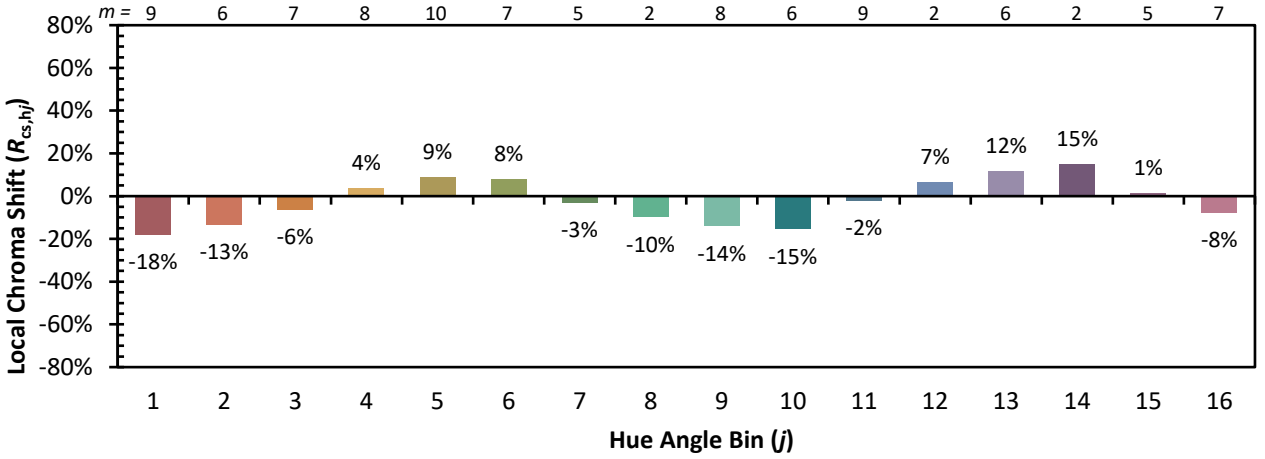
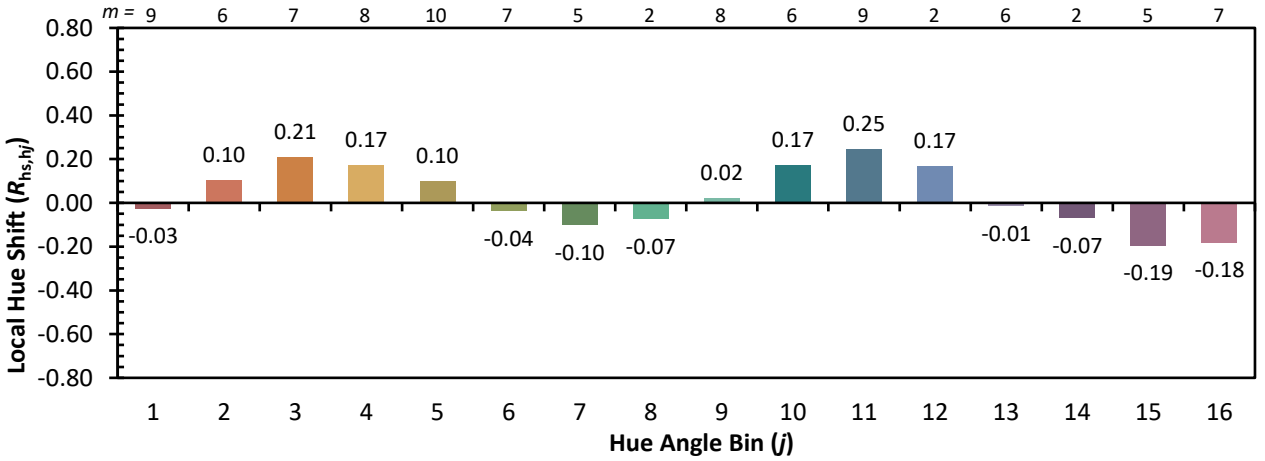
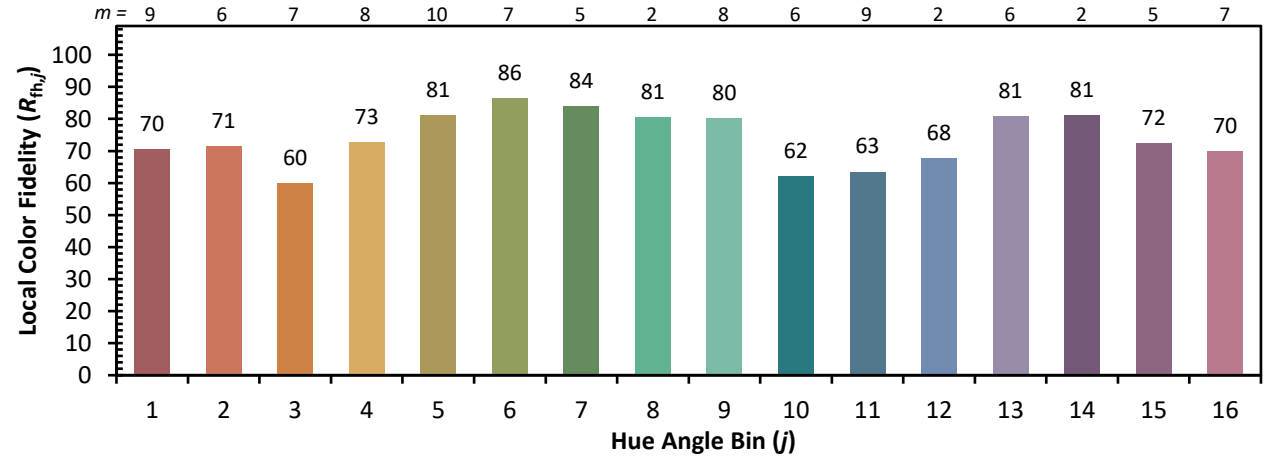
Color Rendition by Hue-Angle Bin







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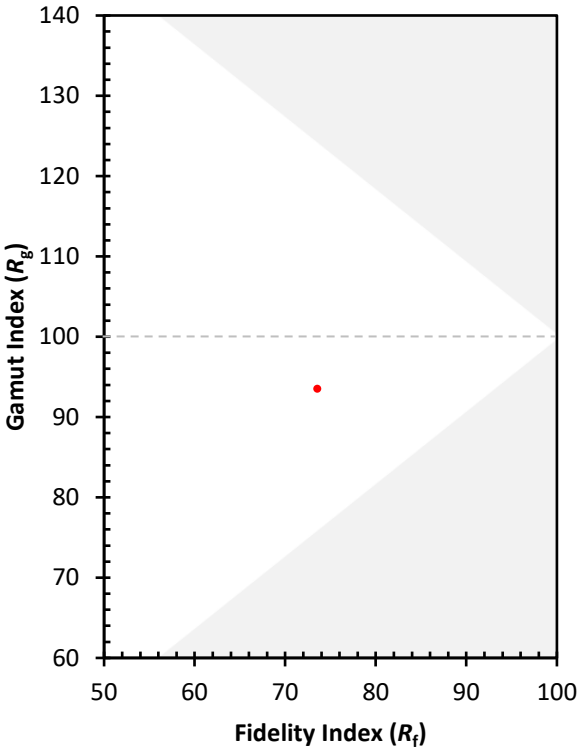
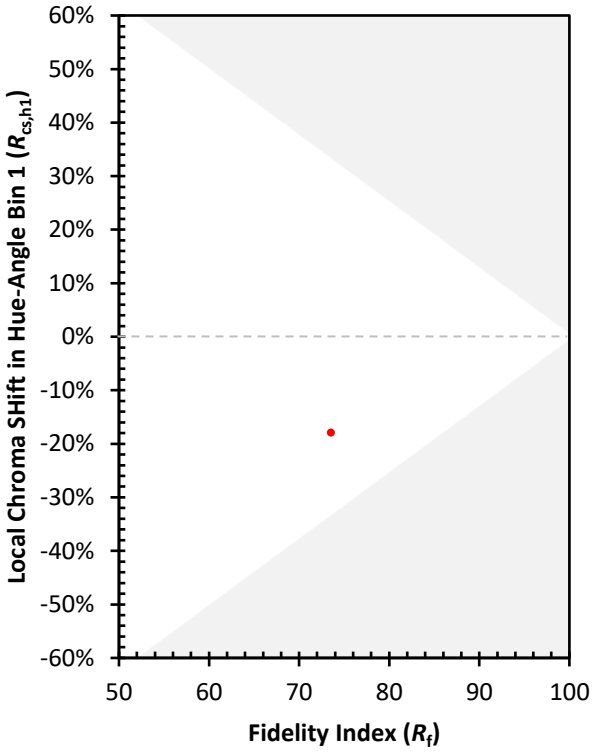
Measure Comparisons





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