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: P972242

Luminaire Tested: **GKO-PB1E-722-U-T3**

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:	P972242
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1E-722-U-T3
Description:	GEKKO WALL PACK 5000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(10) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4275.5 lumens
Efficiency:	N/A
Efficacy:	110.5 lumens/watt
Luminous Opening:	Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification:	Type III - 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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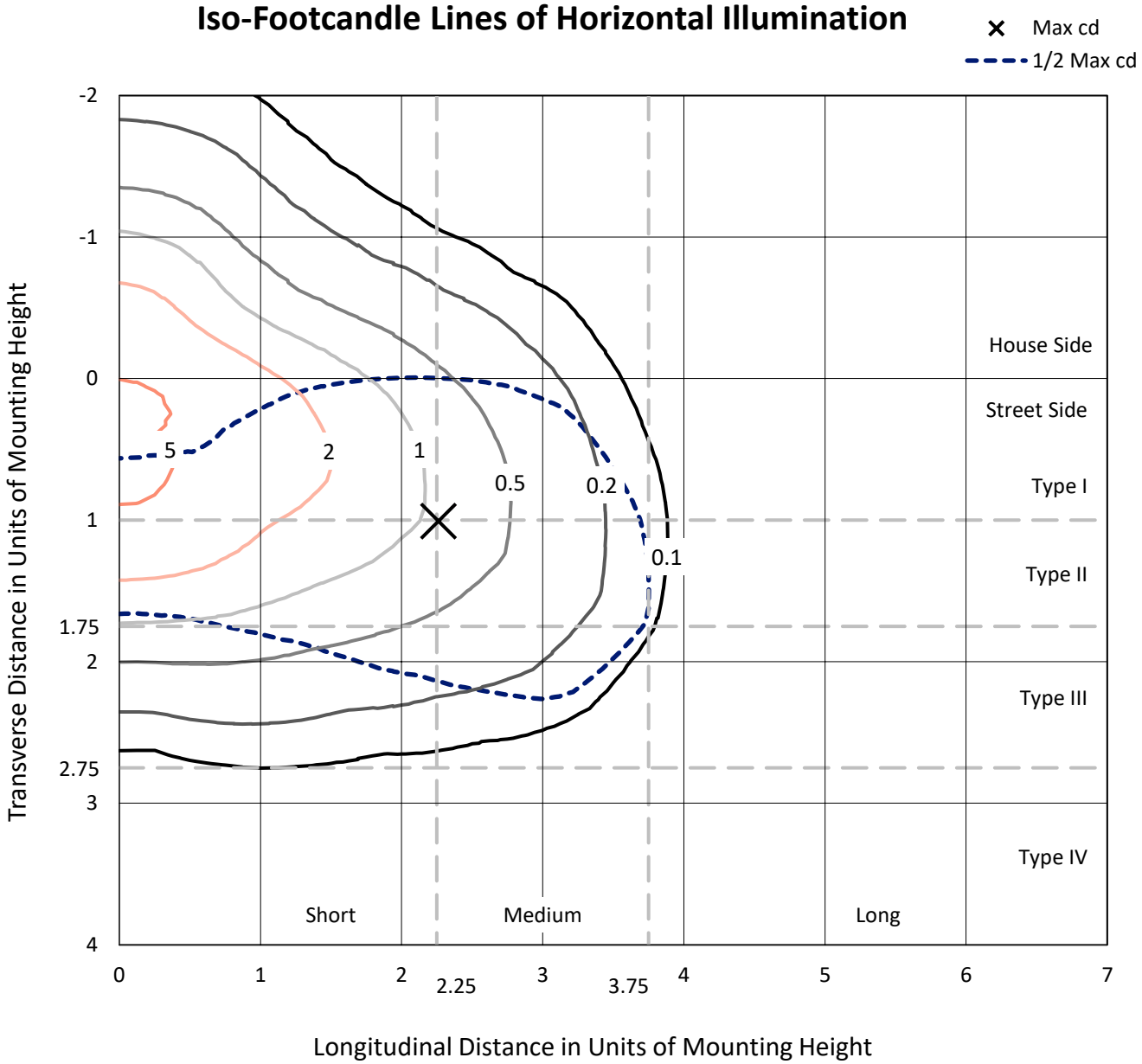
REPORT NUMBER: P972242
CATALOG NUMBER: GKO-PB1E-722-U-T3

Iso-Footcandle Lines of Horizontal Illumination



Based on 12 foot mounting height. Maximum calculated value = 5.7 fc
Type III - Medium - N/A

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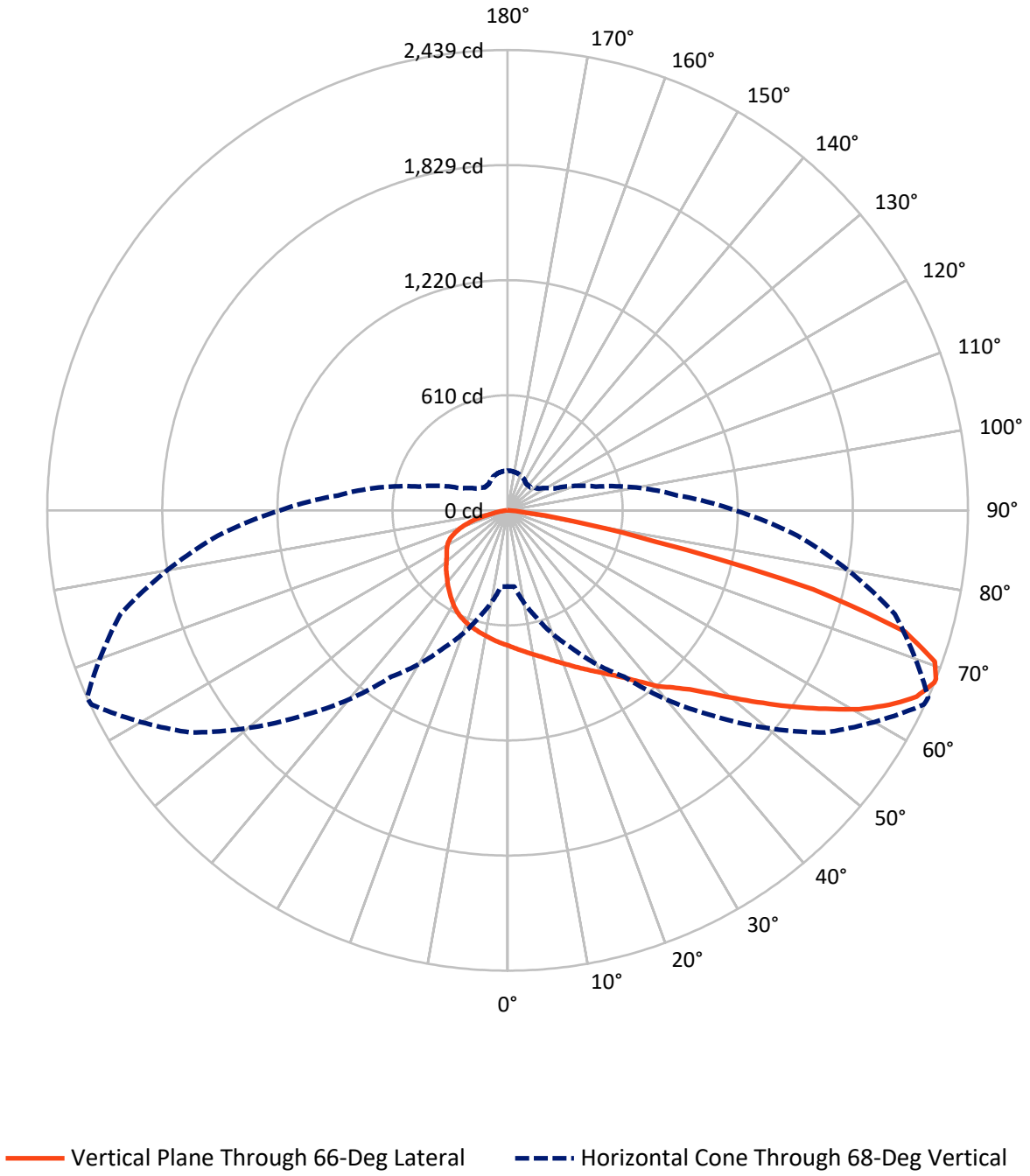
Luminous Intensity Polar Plot



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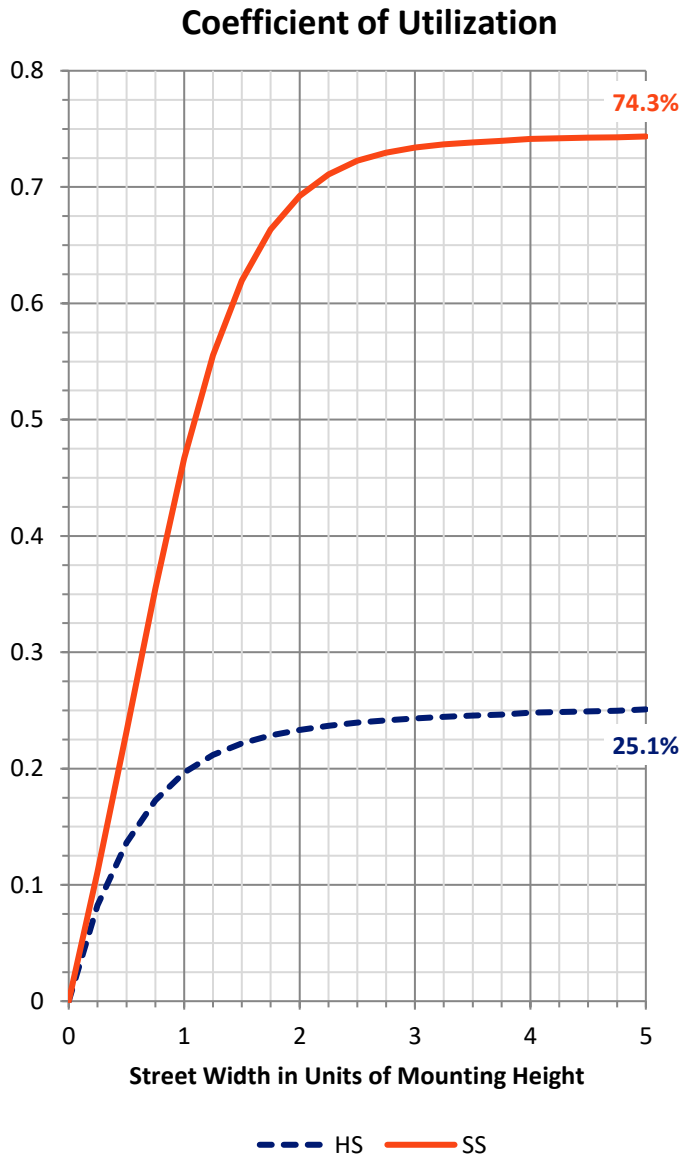
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1094.6	0.0	1094.6
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3180.9	0.0	3180.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	4275.5	0.0	4275.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.8	1.6
10°-20°	206.8	4.8
20°-30°	356.3	8.3
30°-40°	552.7	12.9
40°-50°	757.2	17.7
50°-60°	903.3	21.1
60°-70°	905.1	21.2
70°-80°	479.0	11.2
80°-90°	46.2	1.1
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°	4275.5	100.0
0°-180°	4275.5	100.0



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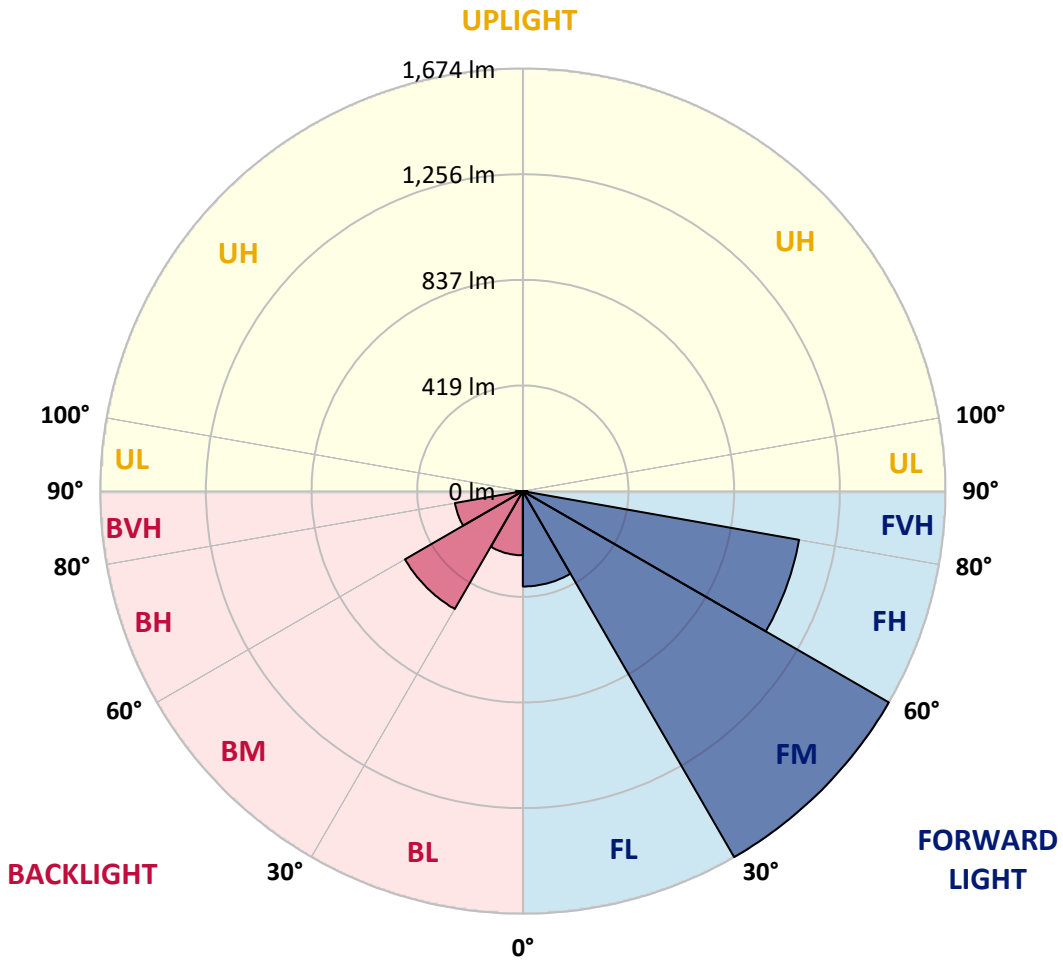
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	377.7	8.8			
FM	(30°-60°)	1674.1	39.2			
FH	(60°-80°)	1111.0	26.0			G1/1800
FVH	(80°-90°)	18.2	0.4			G1/100
BL	(0°-30°)	254.2	5.9	B1/500		
BM	(30°-60°)	539.2	12.6	B1/1000		
BH	(60°-80°)	273.1	6.4	B1/500		G1/500
BVH	(80°-90°)	28.1	0.7			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 III Medium



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REPORT NUMBER: P972242
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	717.1	717.1	717.1	717.1	717.1	717.1	717.1	717.1	*717.1*	717.1	717.1
2.5°	747.0	747.0	745.3	744.5	743.7	738.7	735.4	731.2	*731.2*	724.6	718.8
5°	772.7	773.5	770.2	770.2	766.9	760.3	753.6	745.3	*745.3*	735.4	723.7
7.5°	795.1	797.6	794.3	794.3	791.0	783.5	772.7	761.1	*761.1*	747.0	730.4
10°	816.7	818.4	816.7	818.4	813.4	806.7	794.3	778.5	*777.7*	760.3	737.0
12.5°	834.1	835.8	836.6	839.1	835.0	830.0	818.4	798.4	*796.0*	775.2	745.3
15°	850.7	852.4	854.9	858.2	857.4	853.2	842.4	820.0	*818.4*	791.8	756.1
17.5°	864.0	864.8	869.8	876.5	878.1	878.9	867.3	844.1	*842.4*	810.9	767.7
20°	883.1	884.8	889.7	896.4	901.4	904.7	895.5	869.8	*868.2*	833.3	782.7
22.5°	926.3	923.8	926.3	926.3	928.7	933.7	927.1	901.4	*898.0*	859.9	800.9
25°	1007.6	1005.1	998.5	983.5	966.9	966.1	958.6	933.7	*929.6*	887.2	818.4
27.5°	1121.3	1115.5	1103.0	1071.5	1031.7	1005.9	994.3	968.6	*963.6*	914.6	835.0
30°	1241.7	1248.3	1227.5	1184.4	1111.3	1056.6	1034.2	1005.1	*1001.0*	945.3	854.9
32.5°	1381.9	1382.7	1362.0	1302.2	1207.6	1120.5	1082.3	1046.6	*1043.3*	981.0	881.4
35°	1463.3	1466.6	1457.4	1401.8	1293.9	1191.0	1140.4	1097.2	*1094.7*	1025.9	914.6
37.5°	1547.9	1555.4	1541.3	1479.9	1359.5	1256.6	1205.1	1157.8	*1155.3*	1077.3	956.1
40°	1673.2	1669.9	1655.0	1564.5	1420.9	1311.4	1269.0	1231.7	*1225.9*	1140.4	998.5
42.5°	1763.7	1772.0	1739.6	1637.6	1488.2	1366.1	1332.9	1290.6	*1283.1*	1178.6	1023.4
45°	1794.4	1786.9	1751.3	1676.6	1576.1	1415.9	1393.5	1361.2	*1353.7*	1245.8	1072.3
47.5°	1801.1	1787.8	1756.2	1699.8	1650.8	1480.7	1467.4	1459.9	*1449.1*	1330.5	1131.3
50°	1760.4	1751.3	1736.3	1708.1	1699.0	1541.3	1547.9	1575.3	*1566.2*	1421.8	1196.8
52.5°	1668.3	1664.1	1677.4	1695.6	1671.6	1593.6	1643.4	1699.0	*1695.6*	1522.2	1267.4
55°	1494.8	1494.8	1569.5	1633.4	1647.5	1627.6	1746.3	1841.7	*1837.6*	1635.1	1334.6
57.5°	1336.3	1338.8	1401.0	1544.6	1604.4	1664.1	1860.8	1991.1	*1984.5*	1762.0	1405.2
60°	1136.2	1136.2	1230.9	1411.0	1542.1	1692.3	1962.1	2135.5	*2139.7*	1884.9	1474.9
62.5°	899.7	902.2	1033.3	1245.0	1452.5	1697.3	2042.6	2271.7	*2270.8*	1996.1	1528.8
65°	663.2	664.0	842.4	1060.7	1318.0	1662.4	2086.6	2376.2	*2381.2*	2084.1	1560.4
67.5°	430.8	439.1	620.0	860.7	1127.9	1563.7	2063.3	2431.8	*2437.7*	2124.7	1550.4
68°	*403.4*	*405.0*	*586.8*	*805.9*	*1076.5*	*1538.8*	*2052.5*	*2434.3*	*2439.3*	*2123.9*	*1540.4*
70°	261.4	261.4	420.0	629.1	859.0	1383.6	1958.8	2395.3	*2401.1*	2087.4	1468.2
72.5°	141.1	143.6	239.9	381.0	586.8	1070.7	1767.9	2192.0	*2201.9*	1887.4	1284.0
75°	98.8	100.4	139.4	213.3	319.5	697.2	1381.9	1674.9	*1673.2*	1303.9	804.3
77.5°	71.4	71.4	79.7	132.8	167.7	318.7	683.9	806.7	*797.6*	636.6	405.9
80°	46.5	46.5	49.8	69.7	80.5	97.1	209.2	349.4	*356.1*	310.4	202.5
82.5°	19.1	19.9	21.6	28.2	29.0	40.7	59.8	100.4	*97.1*	78.8	57.3
85°	2.5	2.5	3.3	4.1	5.0	9.1	8.3	8.3	*8.3*	10.0	9.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.7	2.5	*2.5*	3.3	2.5
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: P972242
CATALOG NUMBER: GKO-PB1E-722-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	717.1	717.1	717.1	717.1	717.1	717.1	717.1	717.1	717.1	717.1	717.1
2.5°	717.1	717.1	712.1	707.1	702.2	698.0	692.2	688.1	688.9	691.4	690.5
5°	721.3	717.1	707.1	696.4	688.1	680.6	669.8	664.0	663.2	664.8	664.0
7.5°	723.7	717.1	702.2	685.6	672.3	662.3	647.4	641.6	639.1	639.9	639.9
10°	728.7	717.9	697.2	673.9	657.3	643.2	627.5	619.2	616.7	616.7	615.8
12.5°	734.5	719.6	692.2	664.0	642.4	625.8	607.5	598.4	595.9	595.9	595.1
15°	740.3	722.1	687.2	653.2	628.3	608.4	590.9	580.2	576.8	576.8	578.5
17.5°	747.8	724.6	682.2	643.2	613.4	590.9	572.7	561.9	557.7	560.2	561.9
20°	755.3	729.6	677.3	632.4	598.4	575.2	556.9	546.1	542.0	546.1	547.0
22.5°	766.1	733.7	671.5	620.0	583.5	557.7	541.1	531.2	528.7	532.8	536.2
25°	776.9	738.7	664.0	606.7	564.4	539.5	526.2	518.7	519.6	525.4	528.7
27.5°	788.5	742.8	656.5	590.1	543.6	520.4	510.4	508.8	512.1	518.7	522.9
30°	802.6	748.6	646.6	571.0	520.4	499.6	495.5	500.5	506.3	512.9	517.1
32.5°	820.9	756.1	636.6	549.4	496.3	477.2	483.9	494.7	501.3	507.9	512.1
35°	846.6	771.1	630.8	527.9	470.6	458.1	473.1	490.5	495.5	499.6	504.6
37.5°	876.5	791.0	628.3	507.9	447.4	441.5	462.3	483.0	484.7	486.4	491.3
40°	905.5	805.9	621.7	486.4	423.3	423.3	449.0	468.9	468.1	465.6	468.9
42.5°	917.1	804.3	602.6	465.6	404.2	405.0	428.3	447.4	442.4	442.4	447.4
45°	950.3	817.5	588.5	449.0	386.8	383.5	401.7	416.6	424.9	435.7	440.7
47.5°	992.7	835.8	577.7	429.9	370.2	359.4	369.3	394.2	408.4	420.0	424.1
50°	1036.6	856.5	567.7	410.0	353.6	332.0	337.0	364.4	376.8	382.6	385.1
52.5°	1081.5	875.6	560.2	393.4	334.5	299.6	310.4	336.1	345.3	348.6	350.3
55°	1121.3	891.4	553.6	379.3	312.9	273.9	282.2	308.8	315.4	318.7	321.2
57.5°	1163.6	908.8	549.4	366.0	288.8	251.5	257.3	281.4	290.5	293.8	296.3
60°	1201.0	925.4	546.1	351.9	266.4	231.6	234.9	258.1	268.1	269.7	272.2
62.5°	1225.9	936.2	541.1	334.5	245.7	212.5	213.3	235.7	246.5	248.2	249.8
65°	1232.5	933.7	526.2	311.2	224.9	193.4	193.4	215.0	226.6	232.4	234.9
67.5°	1212.6	913.0	494.7	281.4	205.0	176.0	176.0	195.0	207.5	214.1	216.6
68°	*1206.0*	*903.8*	*484.7*	*273.9*	*200.0*	*171.8*	*171.8*	*191.7*	*203.3*	*209.2*	*210.8*
70°	1149.5	859.0	439.1	245.7	184.3	159.4	159.4	176.8	189.2	189.2	188.4
72.5°	998.5	744.5	361.0	205.8	161.0	141.1	143.6	160.2	164.3	168.5	167.7
75°	618.3	445.7	242.4	162.7	135.3	123.7	128.6	143.6	146.1	155.2	152.7
77.5°	309.6	218.3	128.6	94.6	104.6	106.2	115.4	126.2	133.6	143.6	136.9
80°	152.7	106.2	75.5	58.9	61.4	78.0	100.4	108.7	122.0	128.6	122.8
82.5°	42.3	32.4	30.7	32.4	45.6	60.6	78.8	96.3	113.7	119.5	111.2
85°	7.5	5.8	5.0	15.8	31.5	44.8	63.9	85.5	102.1	97.9	92.1
87.5°	2.5	1.7	1.7	10.0	23.2	36.5	54.8	76.4	87.1	78.8	70.5
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

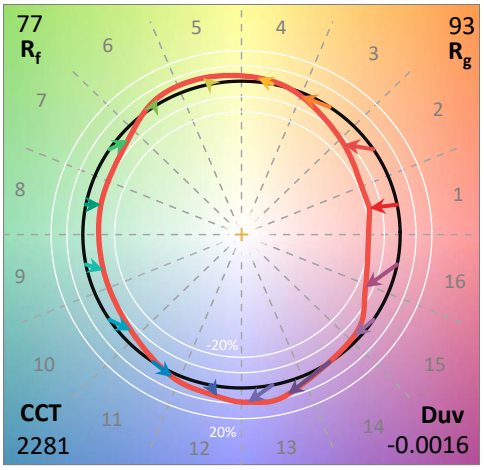
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

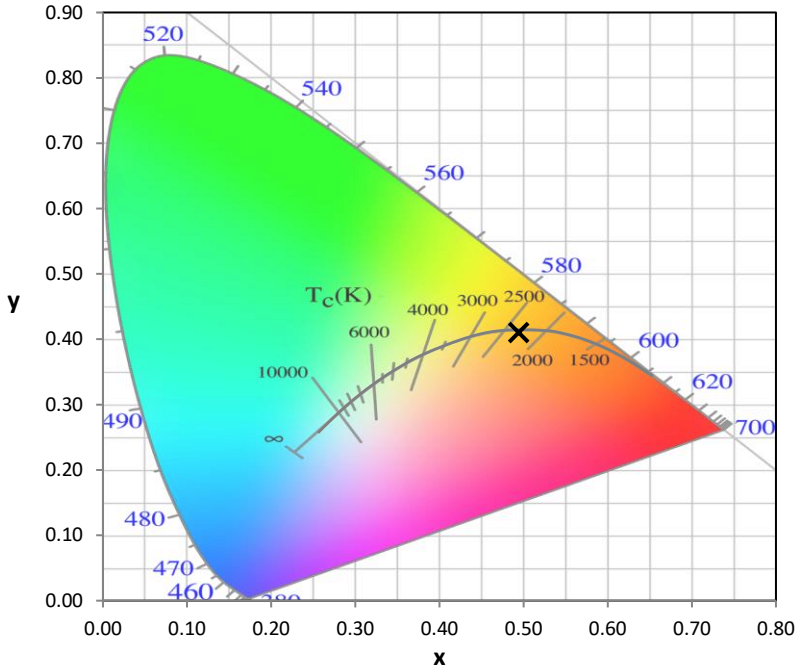
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

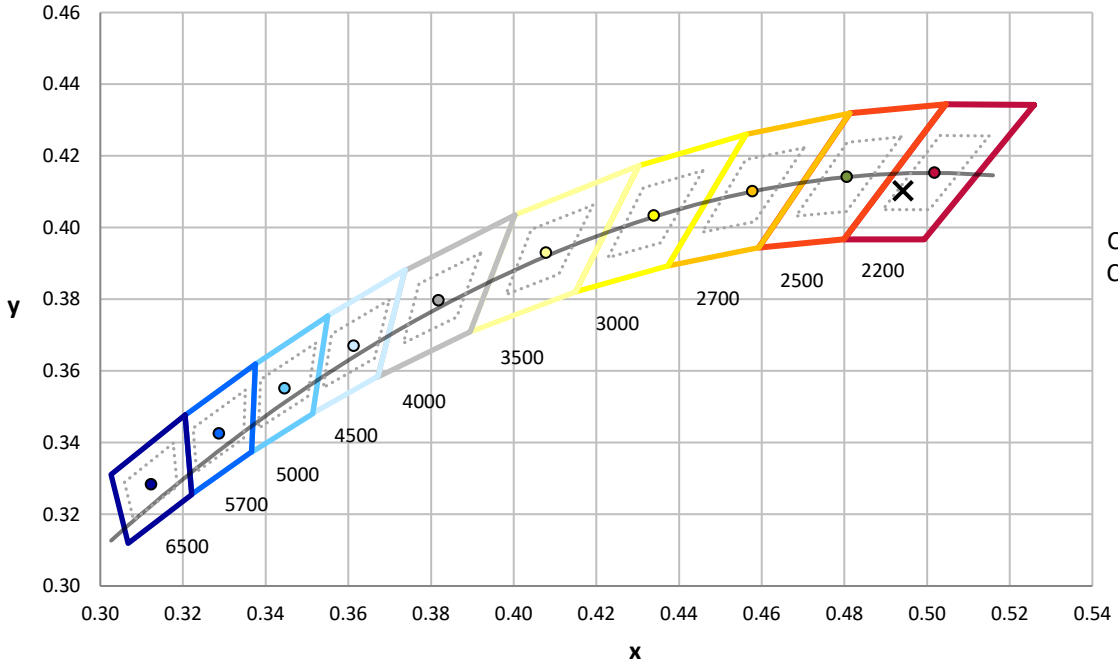
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

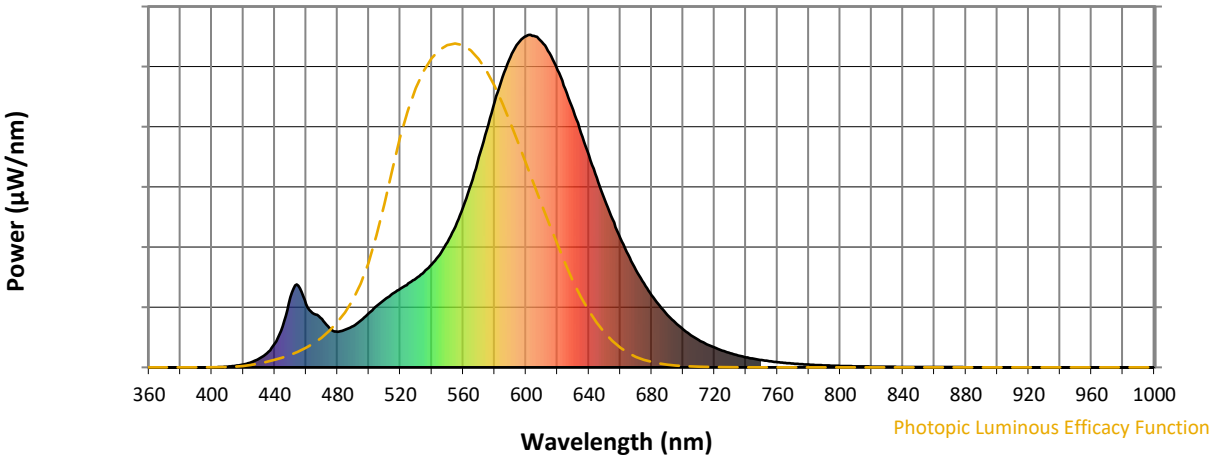


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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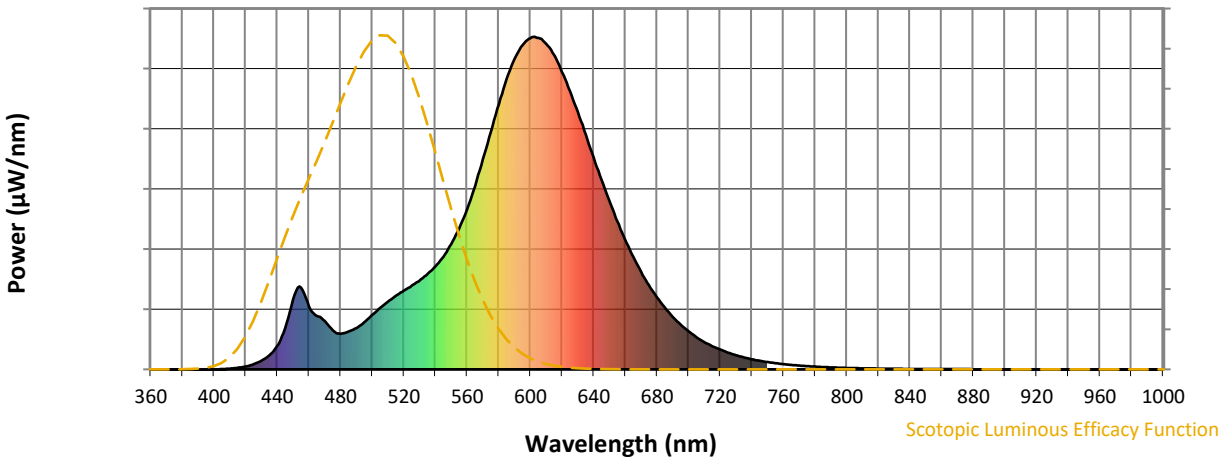
Scotopic Flux vs. Wavelength



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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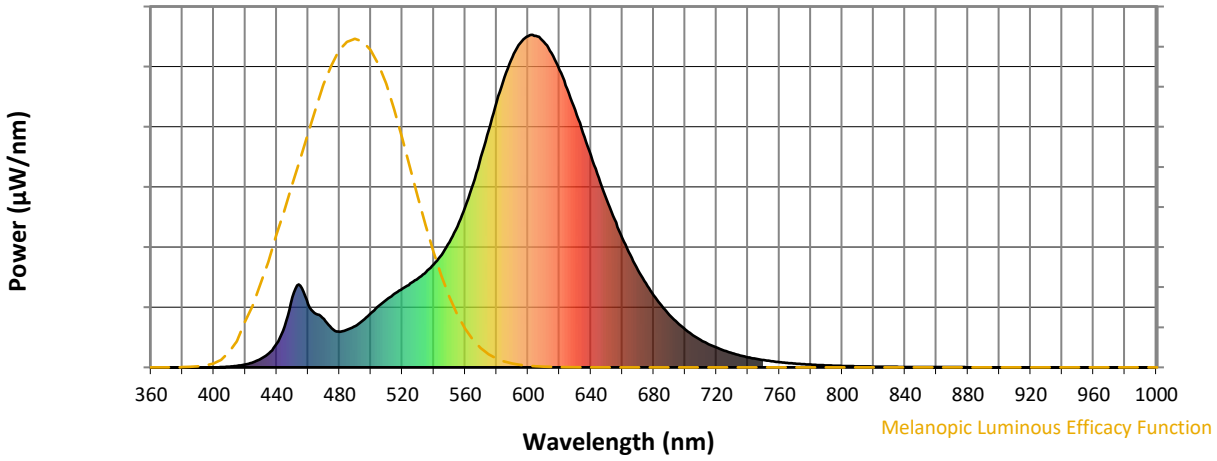
Melanopic Flux vs. Wavelength



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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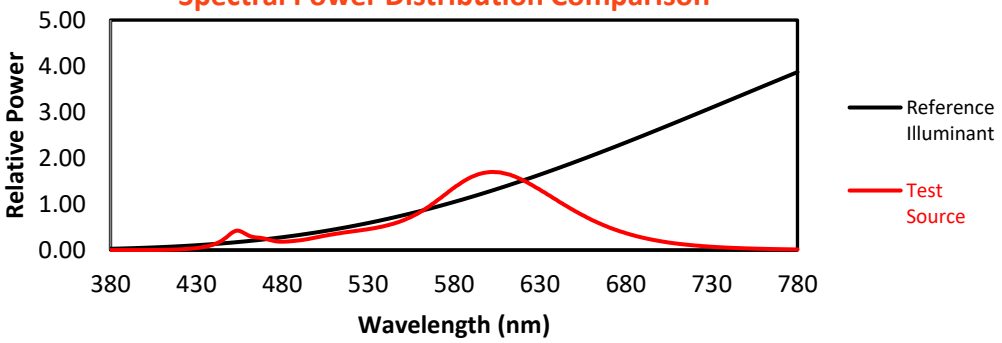
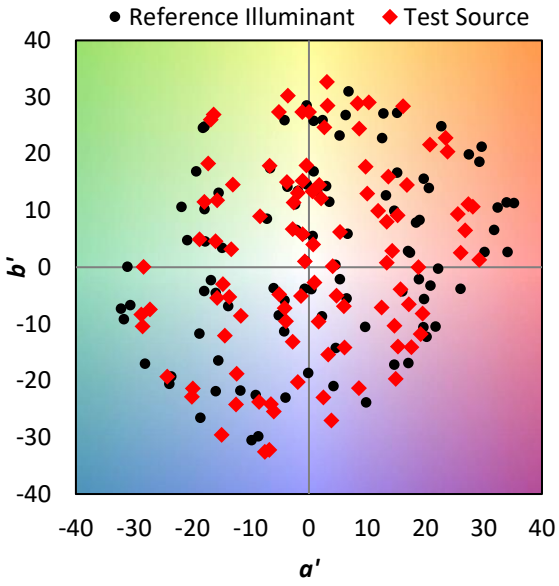
Summary

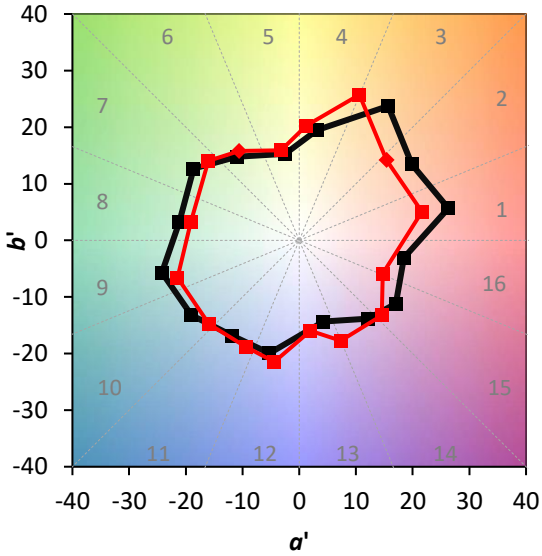
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

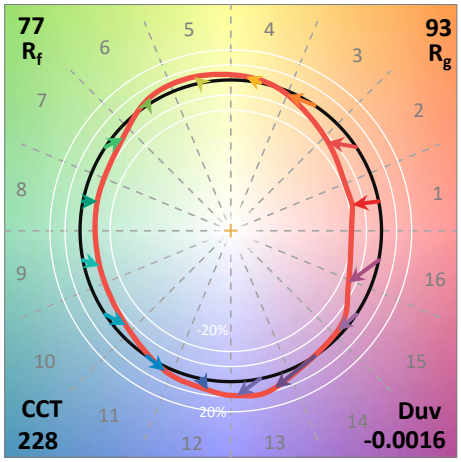
Spectral Power Distribution Comparison

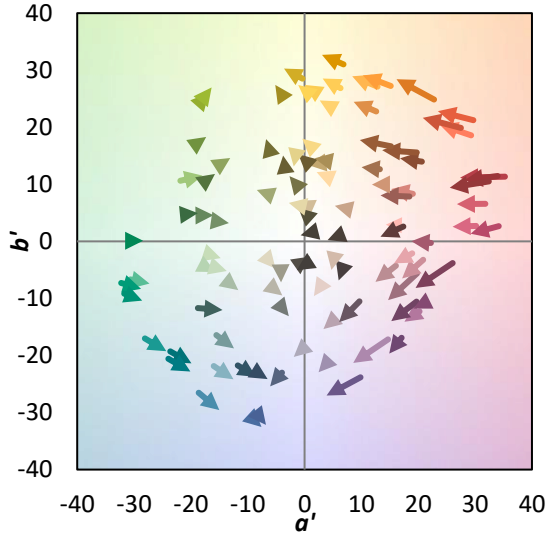


Color Vector Graphics









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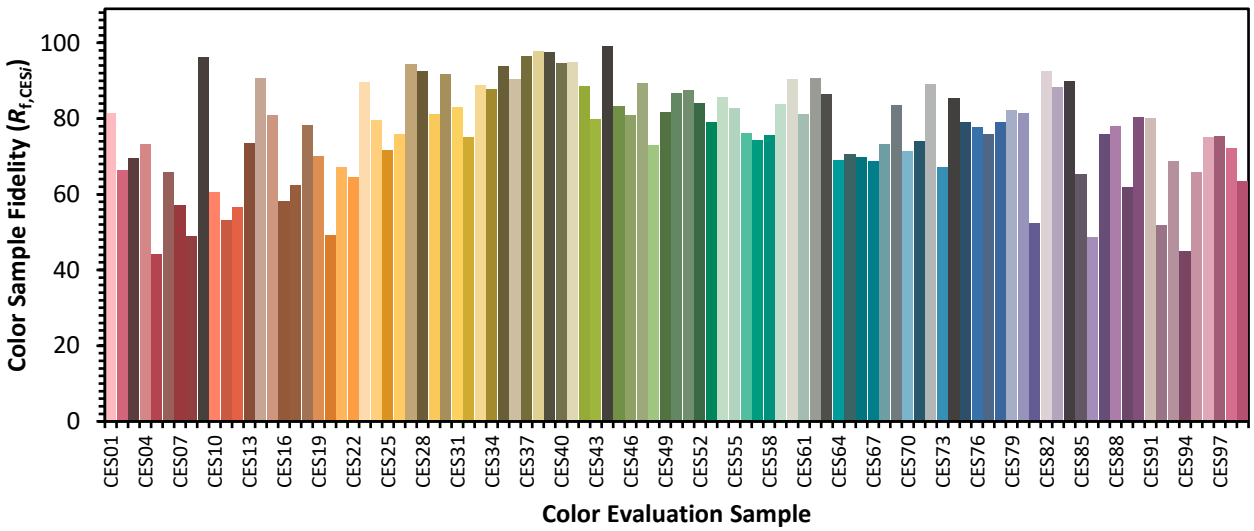
Individual Sample Fidelity Index ($R_{f,i}$)

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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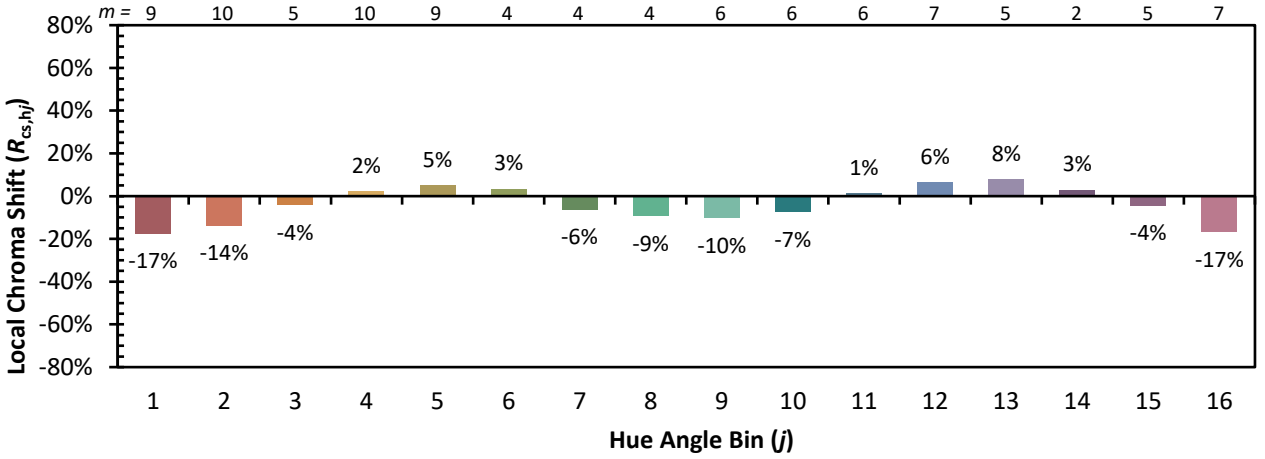
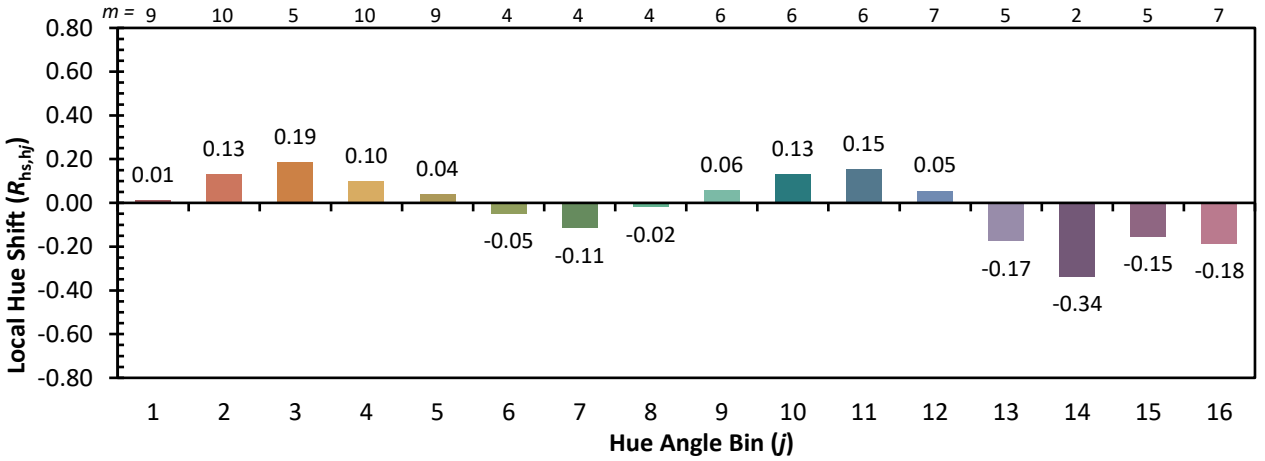
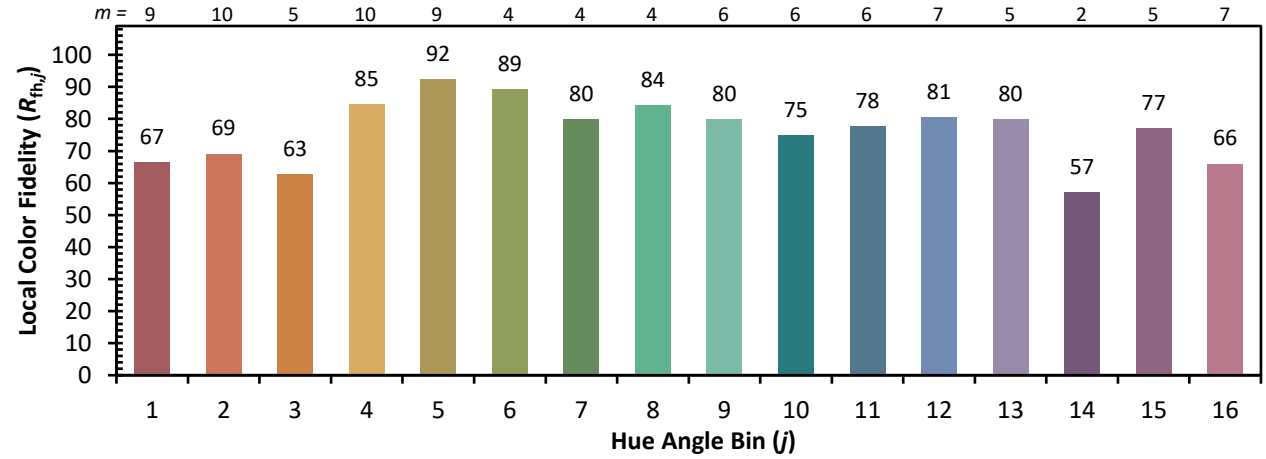
Color Rendition by Hue-Angle Bin







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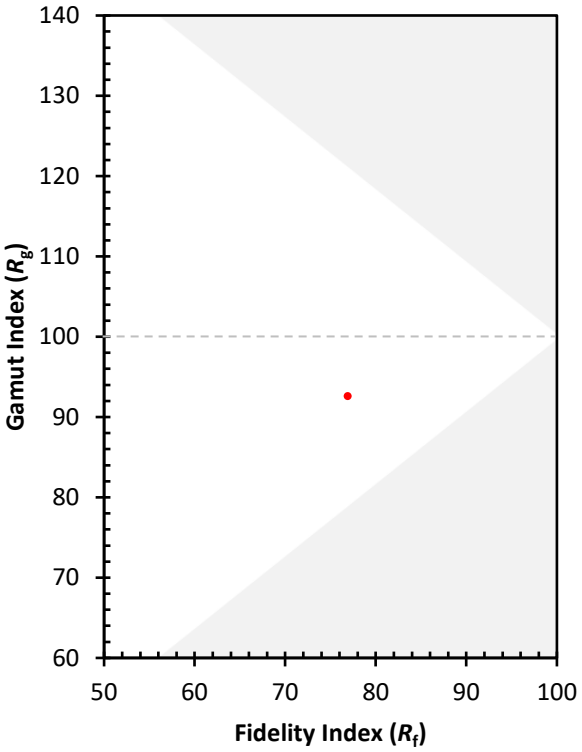
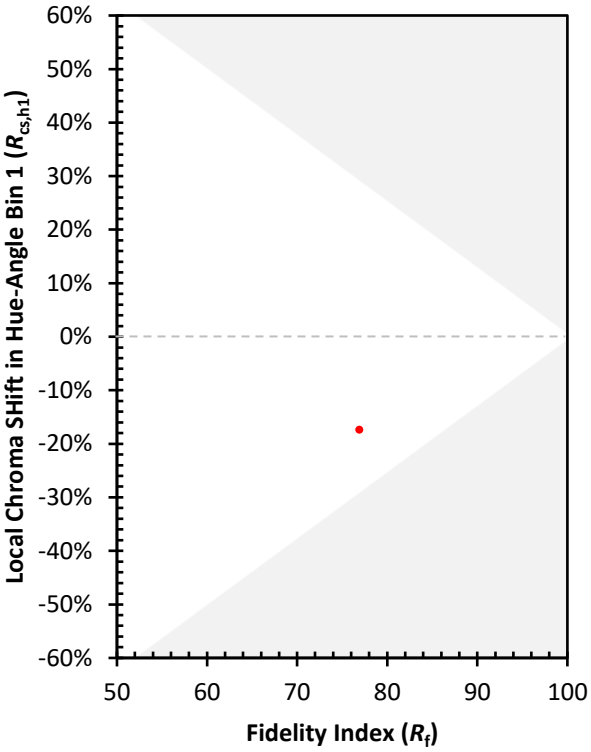
Measure Comparisons





(END OF REPORT)