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: P972251

Luminaire Tested: **GKO-PB2A-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:	P972251
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2A-722-U-T3
Description:	GEKKO WALL PACK 4000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(20) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3472.8 lumens
Efficiency:	N/A
Efficacy:	131.0 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	26.5
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	12%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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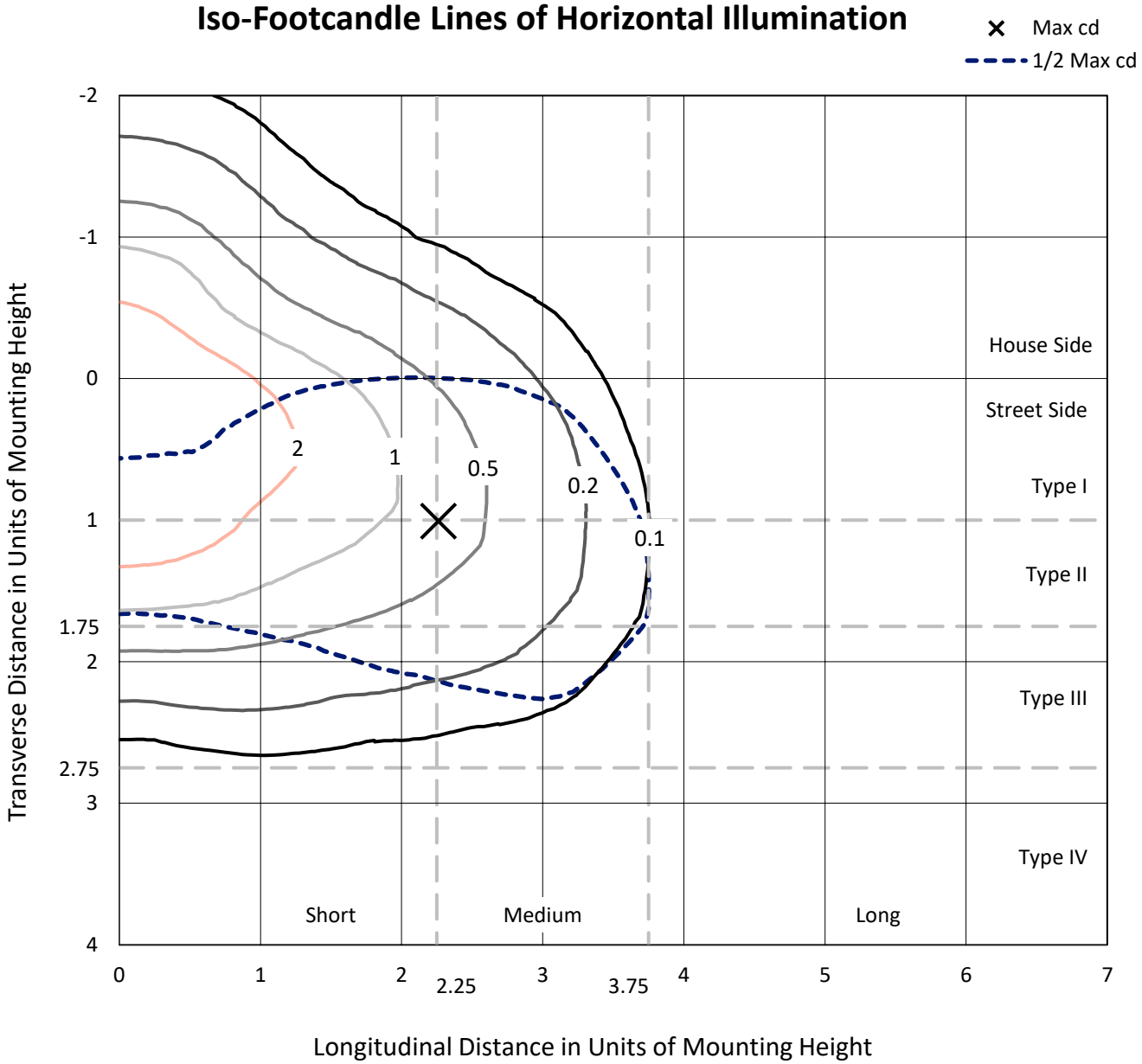
REPORT NUMBER: P972251
CATALOG NUMBER: GKO-PB2A-722-U-T3

Iso-Footcandle Lines of Horizontal Illumination



Based on 12 foot mounting height. Maximum calculated value = 4.7 fc
Type III - Medium - N/A

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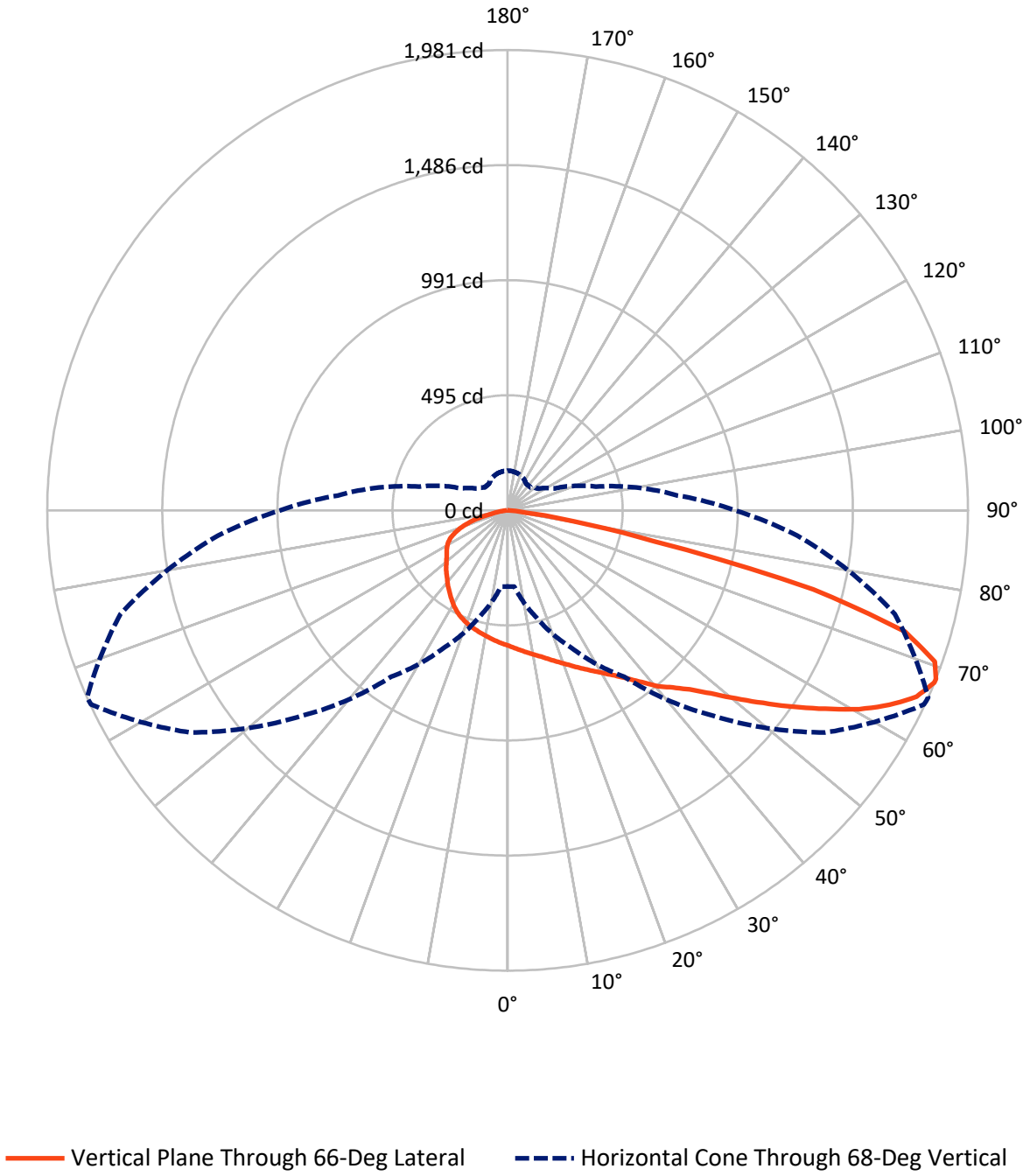
Luminous Intensity Polar Plot



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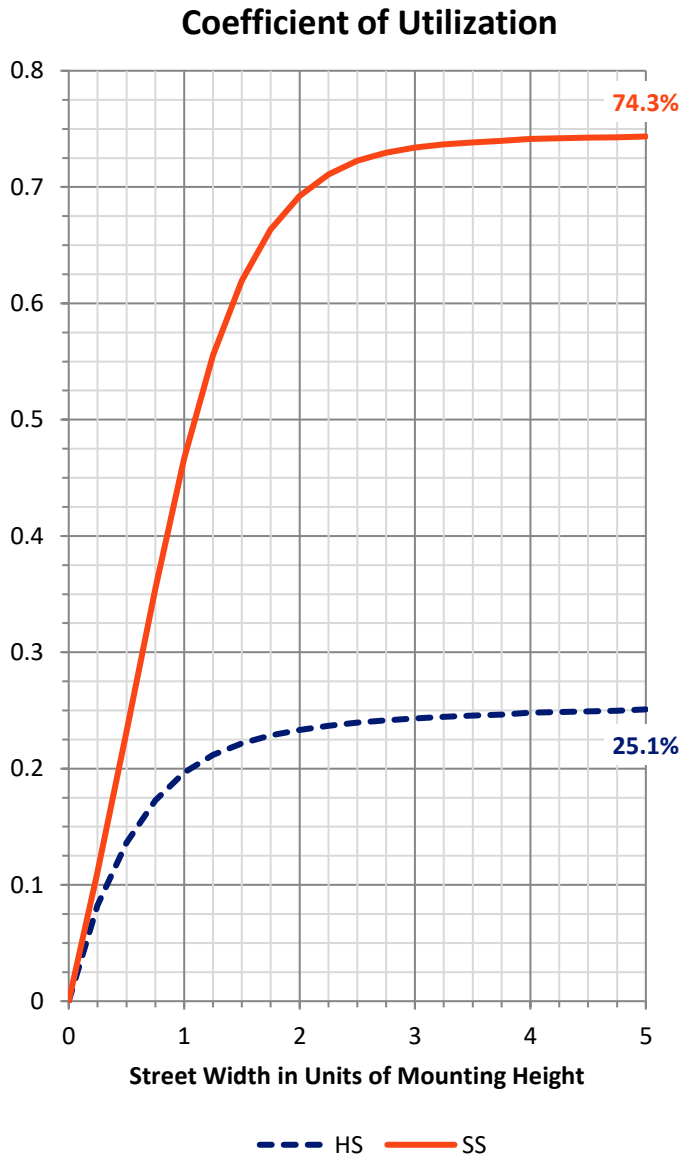
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	889.1	0.0	889.1
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	2583.7	0.0	2583.7
	% Fixture	74.4	0.0	74.4
Total	Lumens	3472.8	0.0	3472.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.9	1.6
10°-20°	168.0	4.8
20°-30°	289.4	8.3
30°-40°	449.0	12.9
40°-50°	615.1	17.7
50°-60°	733.7	21.1
60°-70°	735.2	21.2
70°-80°	389.1	11.2
80°-90°	37.5	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°	3472.8	100.0
0°-180°	3472.8	100.0



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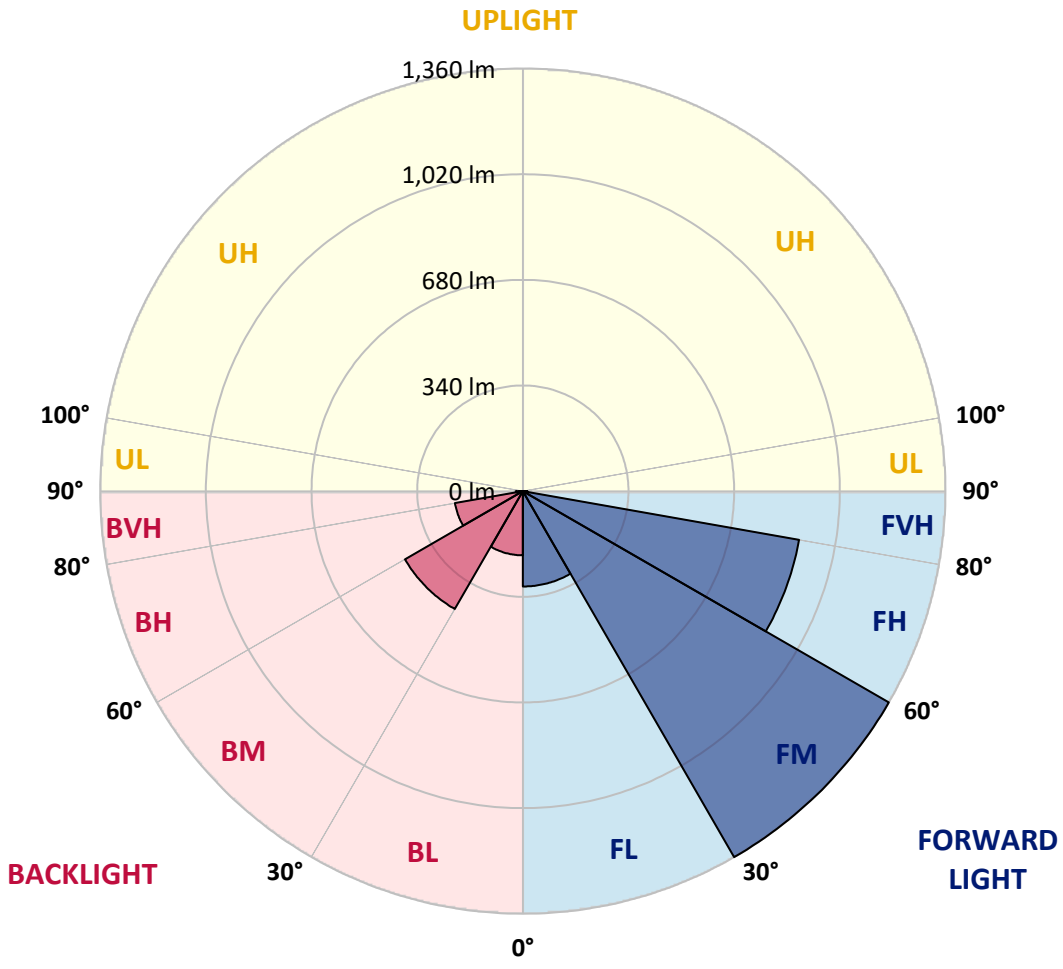
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	306.8	8.8			
FM	(30°-60°)	1359.8	39.2			
FH	(60°-80°)	902.4	26.0			G1/1800
FVH	(80°-90°)	14.8	0.4			G1/100
BL	(0°-30°)	206.5	5.9	B1/500		
BM	(30°-60°)	438.0	12.6	B1/1000		
BH	(60°-80°)	221.8	6.4	B1/500		G1/500
BVH	(80°-90°)	22.8	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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Scaled Data Report

REPORT NUMBER: P972251
CATALOG NUMBER: GKO-PB2A-722-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	582.5	582.5	582.5	582.5	582.5	582.5	582.5	582.5	*582.5*	582.5	582.5
2.5°	606.7	606.7	605.4	604.7	604.0	600.0	597.3	593.9	*593.9*	588.5	583.8
5°	627.6	628.3	625.6	625.6	622.9	617.5	612.1	605.4	*605.4*	597.3	587.9
7.5°	645.8	647.9	645.2	645.2	642.5	636.4	627.6	618.2	*618.2*	606.7	593.3
10°	663.4	664.7	663.4	664.7	660.7	655.3	645.2	632.4	*631.7*	617.5	598.6
12.5°	677.5	678.9	679.5	681.6	678.2	674.2	664.7	648.5	*646.5*	629.7	605.4
15°	691.0	692.4	694.4	697.1	696.4	693.0	684.3	666.1	*664.7*	643.1	614.2
17.5°	701.8	702.5	706.5	711.9	713.3	713.9	704.5	685.6	*684.3*	658.6	623.6
20°	717.3	718.6	722.7	728.1	732.1	734.8	727.4	706.5	*705.2*	676.8	635.7
22.5°	752.4	750.3	752.4	752.4	754.4	758.4	753.0	732.1	*729.4*	698.4	650.6
25°	818.4	816.4	811.0	798.9	785.4	784.7	778.6	758.4	*755.0*	720.7	664.7
27.5°	910.8	906.1	895.9	870.3	838.0	817.1	807.6	786.7	*782.7*	742.9	678.2
30°	1008.5	1013.9	997.1	962.0	902.7	858.2	840.0	816.4	*813.0*	767.9	694.4
32.5°	1122.5	1123.1	1106.3	1057.7	980.9	910.1	879.1	850.1	*847.4*	796.8	715.9
35°	1188.5	1191.2	1183.8	1138.6	1051.0	967.4	926.3	891.2	*889.2*	833.3	742.9
37.5°	1257.3	1263.4	1251.9	1202.0	1104.3	1020.7	978.9	940.4	*938.4*	875.0	776.6
40°	1359.1	1356.4	1344.3	1270.8	1154.1	1065.2	1030.8	1000.4	*995.7*	926.3	811.0
42.5°	1432.6	1439.3	1413.0	1330.1	1208.8	1109.7	1082.7	1048.3	*1042.2*	957.3	831.2
45°	1457.5	1451.4	1422.5	1361.8	1280.2	1150.1	1131.9	1105.6	*1099.5*	1011.9	871.0
47.5°	1462.9	1452.1	1426.5	1380.7	1340.9	1202.7	1191.9	1185.8	*1177.1*	1080.7	918.9
50°	1429.9	1422.5	1410.3	1387.4	1380.0	1251.9	1257.3	1279.5	*1272.1*	1154.8	972.1
52.5°	1355.0	1351.7	1362.5	1377.3	1357.7	1294.4	1334.8	1380.0	*1377.3*	1236.4	1029.4
55°	1214.1	1214.1	1274.8	1326.7	1338.2	1322.0	1418.4	1495.9	*1492.6*	1328.1	1084.0
57.5°	1085.4	1087.4	1138.0	1254.6	1303.1	1351.7	1511.4	1617.3	*1611.9*	1431.2	1141.3
60°	922.9	922.9	999.8	1146.1	1252.6	1374.6	1593.7	1734.6	*1738.0*	1531.0	1198.0
62.5°	730.8	732.8	839.3	1011.2	1179.8	1378.6	1659.1	1845.2	*1844.5*	1621.3	1241.8
65°	538.6	539.3	684.3	861.6	1070.6	1350.3	1694.8	1930.1	*1934.1*	1692.8	1267.4
67.5°	349.9	356.6	503.6	699.1	916.2	1270.1	1675.9	1975.3	*1980.0*	1725.8	1259.3
68°	*327.6*	*329.0*	*476.6*	*654.6*	*874.4*	*1249.9*	*1667.2*	*1977.3*	*1981.3*	*1725.2*	*1251.2*
70°	212.4	212.4	341.1	511.0	697.7	1123.8	1591.0	1945.6	*1950.3*	1695.5	1192.6
72.5°	114.6	116.6	194.8	309.4	476.6	869.7	1435.9	1780.4	*1788.5*	1533.0	1042.9
75°	80.2	81.6	113.3	173.3	259.5	566.3	1122.5	1360.4	*1359.1*	1059.1	653.3
77.5°	58.0	58.0	64.7	107.9	136.2	258.9	555.5	655.3	*647.9*	517.1	329.7
80°	37.8	37.8	40.4	56.6	65.4	78.9	169.9	283.8	*289.2*	252.1	164.5
82.5°	15.5	16.2	17.5	22.9	23.6	33.0	48.5	81.6	*78.9*	64.0	46.5
85°	2.0	2.0	2.7	3.4	4.0	7.4	6.7	6.7	*6.7*	8.1	7.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.0	*2.0*	2.7	2.0
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: P972251
CATALOG NUMBER: GKO-PB2A-722-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	582.5	582.5	582.5	582.5	582.5	582.5	582.5	582.5	582.5	582.5	582.5
2.5°	582.5	582.5	578.4	574.4	570.3	567.0	562.2	558.9	559.5	561.6	560.9
5°	585.8	582.5	574.4	565.6	558.9	552.8	544.0	539.3	538.6	540.0	539.3
7.5°	587.9	582.5	570.3	556.8	546.1	538.0	525.8	521.1	519.1	519.8	519.8
10°	591.9	583.1	566.3	547.4	533.9	522.5	509.7	502.9	500.9	500.9	500.2
12.5°	596.6	584.5	562.2	539.3	521.8	508.3	493.5	486.1	484.0	484.0	483.4
15°	601.3	586.5	558.2	530.6	510.3	494.2	480.0	471.2	468.5	468.5	469.9
17.5°	607.4	588.5	554.2	522.5	498.2	480.0	465.2	456.4	453.0	455.1	456.4
20°	613.5	592.6	550.1	513.7	486.1	467.2	452.4	443.6	440.2	443.6	444.3
22.5°	622.2	595.9	545.4	503.6	473.9	453.0	439.5	431.5	429.4	432.8	435.5
25°	631.0	600.0	539.3	492.8	458.4	438.2	427.4	421.3	422.0	426.7	429.4
27.5°	640.4	603.4	533.3	479.3	441.6	422.7	414.6	413.3	416.0	421.3	424.7
30°	651.9	608.1	525.2	463.8	422.7	405.8	402.5	406.5	411.2	416.6	420.0
32.5°	666.7	614.2	517.1	446.3	403.1	387.6	393.0	401.8	407.2	412.6	416.0
35°	687.6	626.3	512.4	428.8	382.2	372.1	384.3	398.4	402.5	405.8	409.9
37.5°	711.9	642.5	510.3	412.6	363.4	358.6	375.5	392.4	393.7	395.1	399.1
40°	735.5	654.6	504.9	395.1	343.8	343.8	364.7	380.9	380.2	378.2	380.9
42.5°	744.9	653.3	489.4	378.2	328.3	329.0	347.9	363.4	359.3	359.3	363.4
45°	771.9	664.0	478.0	364.7	314.2	311.5	326.3	338.4	345.2	353.9	358.0
47.5°	806.3	678.9	469.2	349.2	300.7	291.9	300.0	320.2	331.7	341.1	344.5
50°	842.0	695.7	461.1	333.0	287.2	269.7	273.7	296.0	306.1	310.8	312.8
52.5°	878.4	711.2	455.1	319.5	271.7	243.4	252.1	273.0	280.4	283.1	284.5
55°	910.8	724.0	449.7	308.1	254.2	222.5	229.2	250.8	256.2	258.9	260.9
57.5°	945.2	738.2	446.3	297.3	234.6	204.3	209.0	228.5	236.0	238.6	240.7
60°	975.5	751.7	443.6	285.8	216.4	188.1	190.8	209.7	217.8	219.1	221.1
62.5°	995.7	760.4	439.5	271.7	199.5	172.6	173.3	191.5	200.2	201.6	202.9
65°	1001.1	758.4	427.4	252.8	182.7	157.1	157.1	174.6	184.0	188.8	190.8
67.5°	984.9	741.6	401.8	228.5	166.5	142.9	142.9	158.4	168.5	173.9	176.0
68°	*979.5*	*734.2*	*393.7*	*222.5*	*162.5*	*139.5*	*139.5*	*155.7*	*165.2*	*169.9*	*171.2*
70°	933.7	697.7	356.6	199.5	149.7	129.4	129.4	143.6	153.7	153.7	153.0
72.5°	811.0	604.7	293.3	167.2	130.8	114.6	116.6	130.1	133.5	136.9	136.2
75°	502.2	362.0	196.9	132.1	109.9	100.4	104.5	116.6	118.7	126.1	124.0
77.5°	251.5	177.3	104.5	76.9	84.9	86.3	93.7	102.5	108.5	116.6	111.2
80°	124.0	86.3	61.3	47.9	49.9	63.4	81.6	88.3	99.1	104.5	99.8
82.5°	34.4	26.3	24.9	26.3	37.1	49.2	64.0	78.2	92.4	97.1	90.3
85°	6.1	4.7	4.0	12.8	25.6	36.4	51.9	69.4	82.9	79.5	74.8
87.5°	2.0	1.3	1.3	8.1	18.9	29.7	44.5	62.0	70.8	64.0	57.3
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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Peachtree City, GA 30269

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

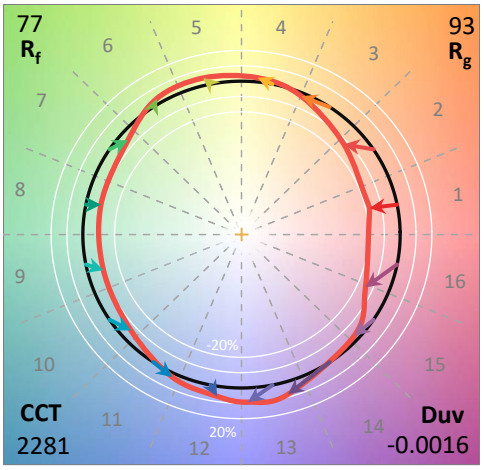
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

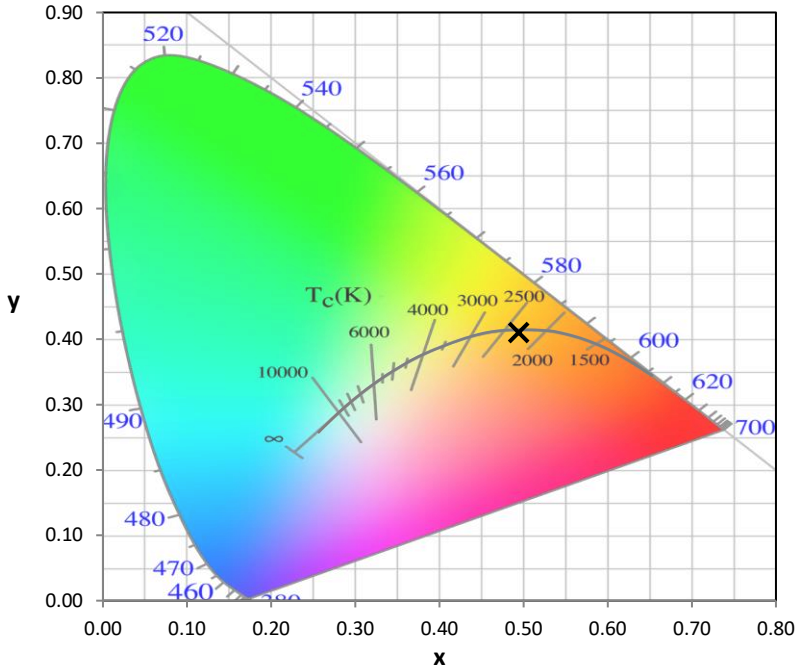
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

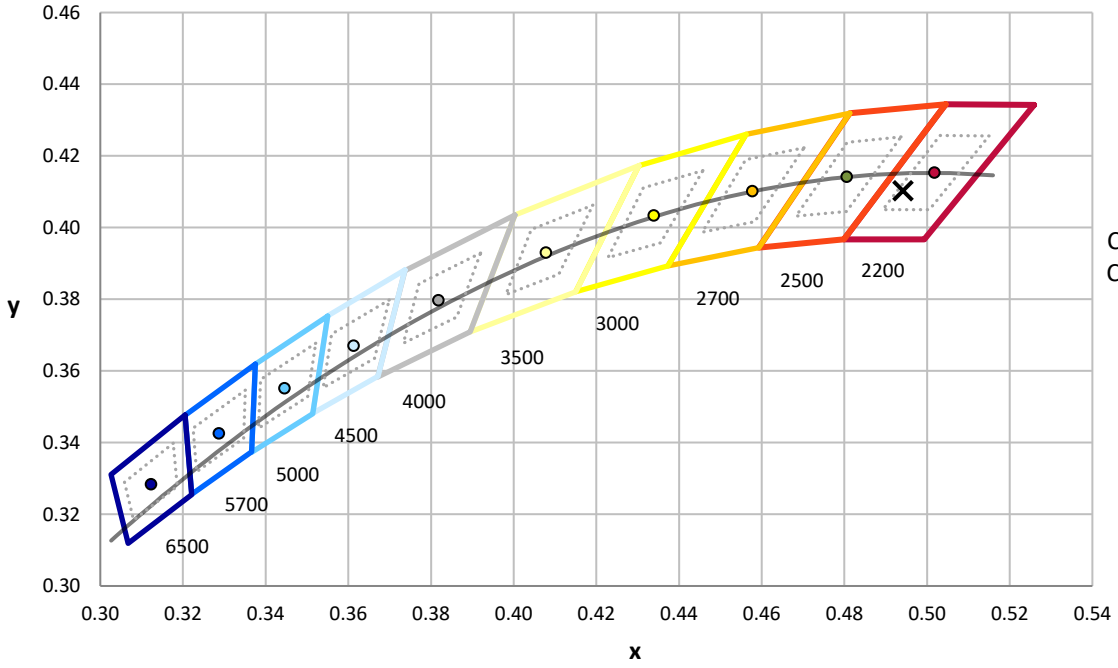
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

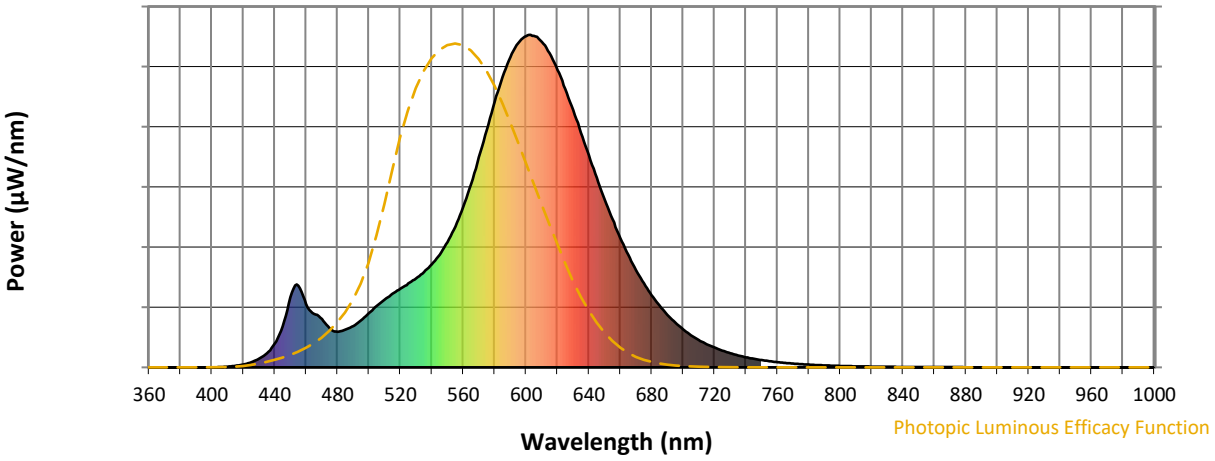


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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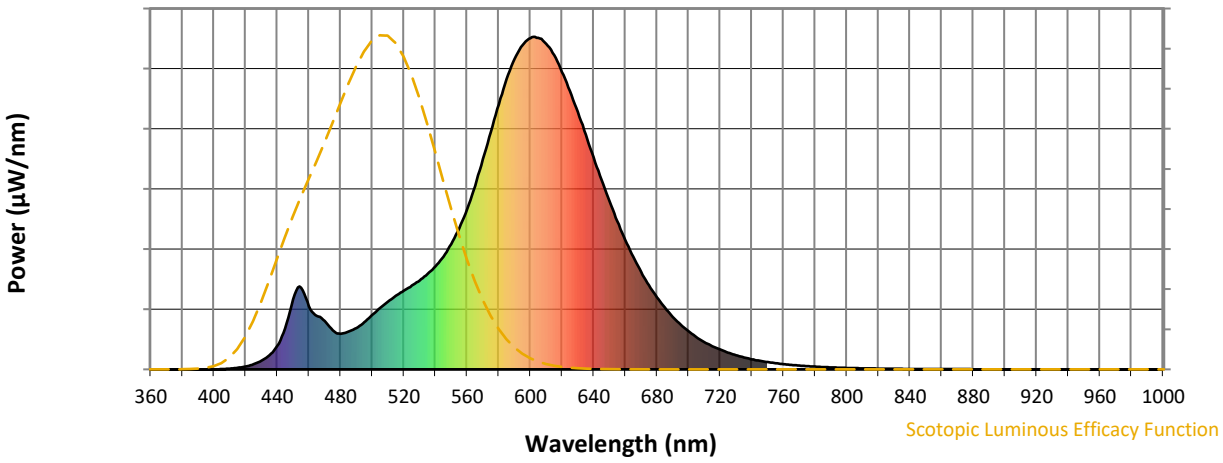
Scotopic Flux vs. Wavelength



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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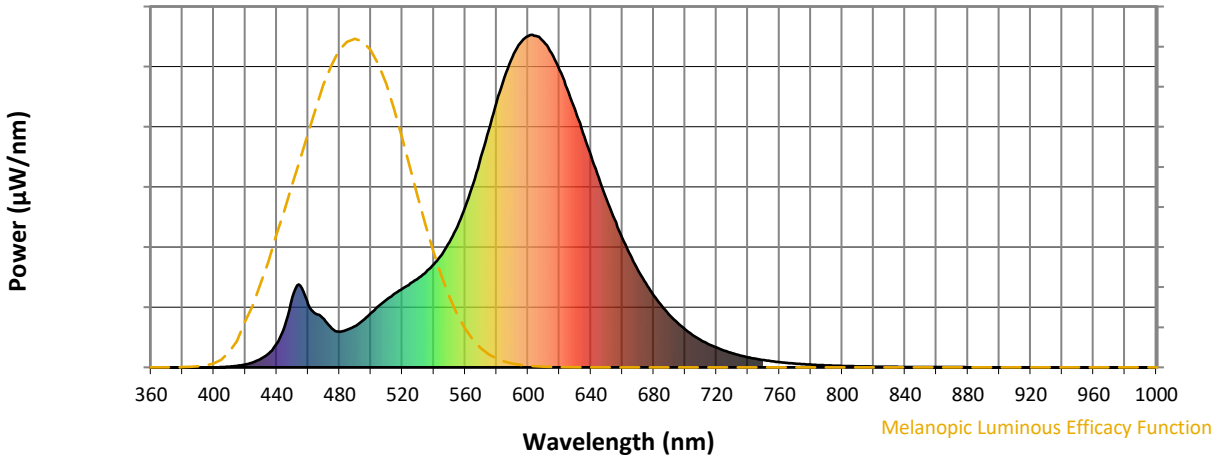
Melanopic Flux vs. Wavelength



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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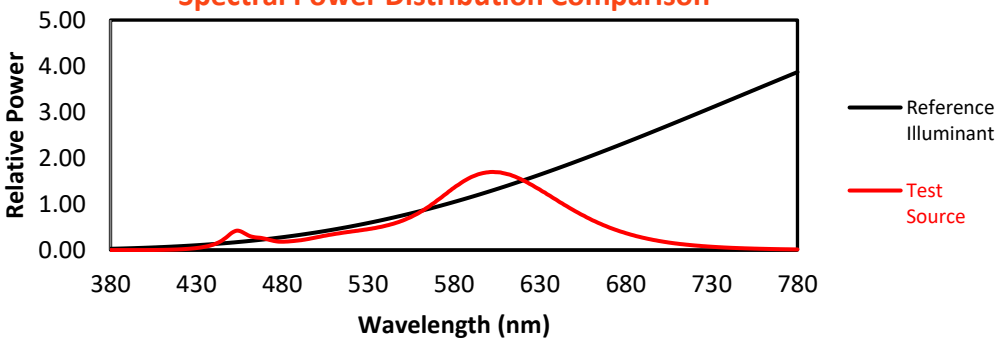
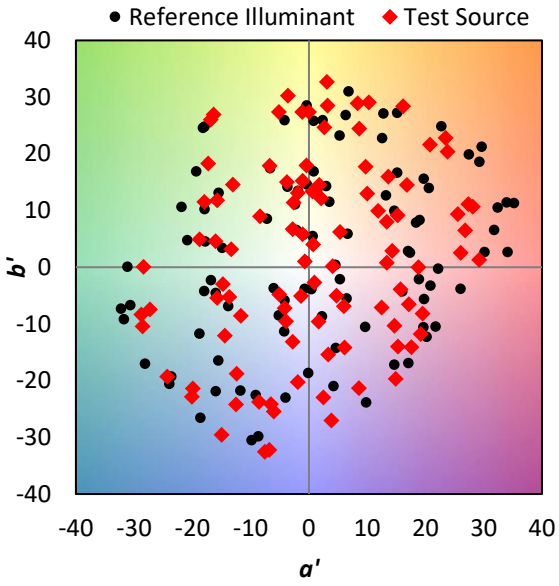
Summary

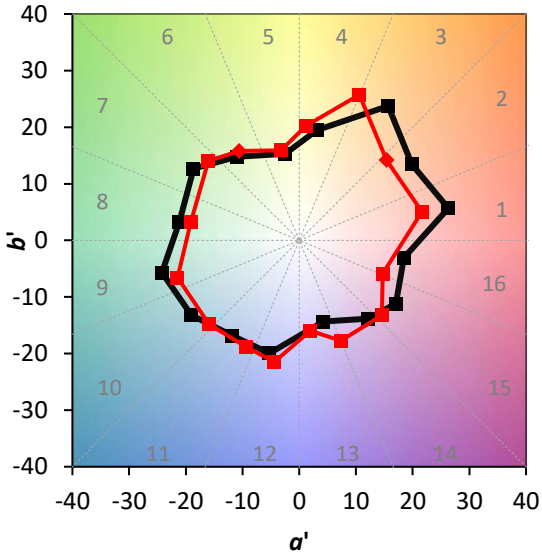
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

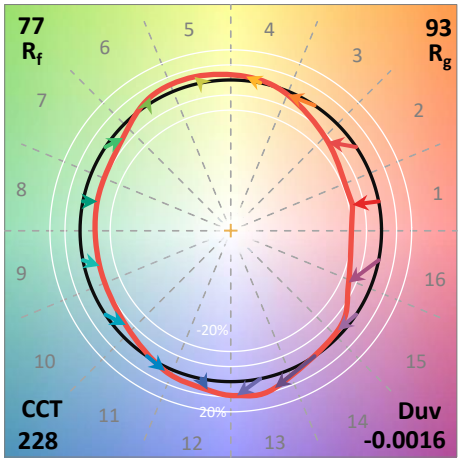
Spectral Power Distribution Comparison

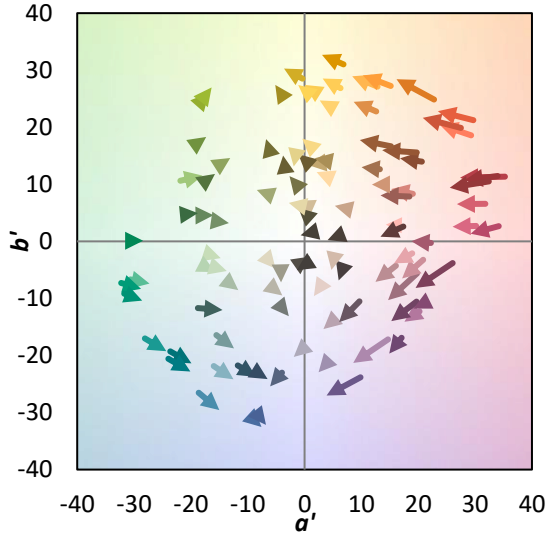


Color Vector Graphics









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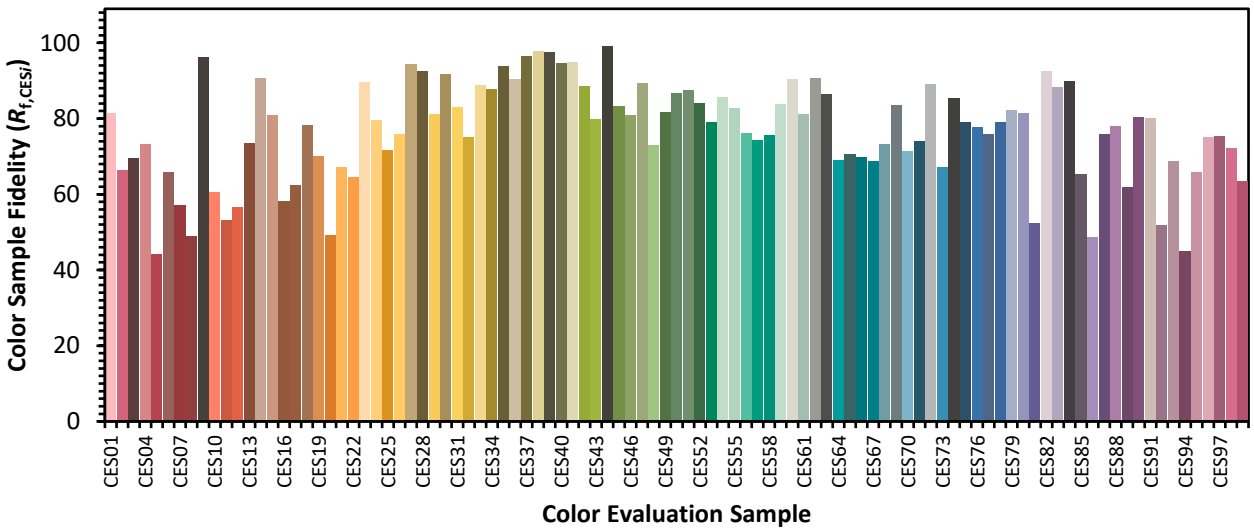
Individual Sample Fidelity Index ($R_{f,i}$)

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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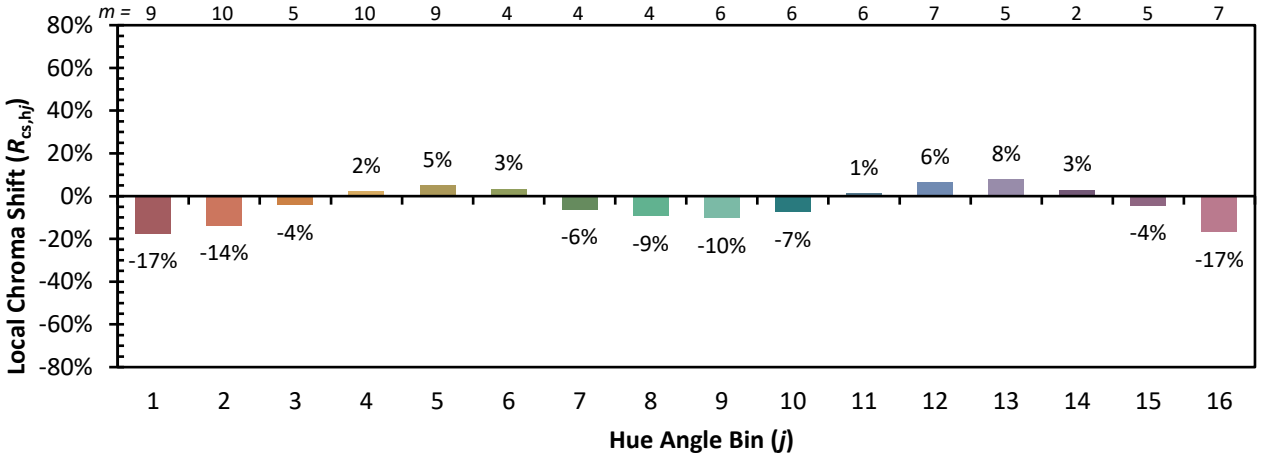
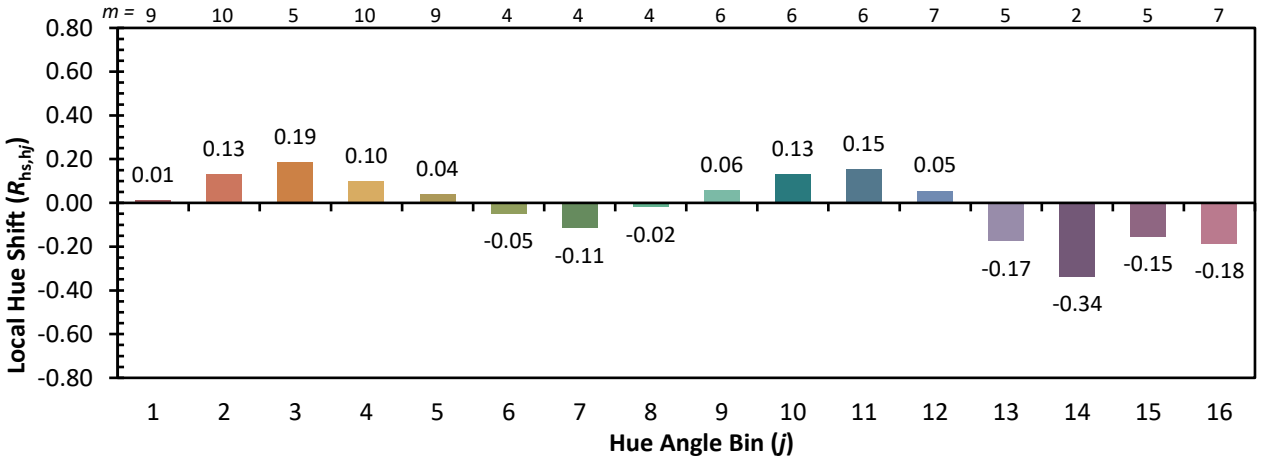
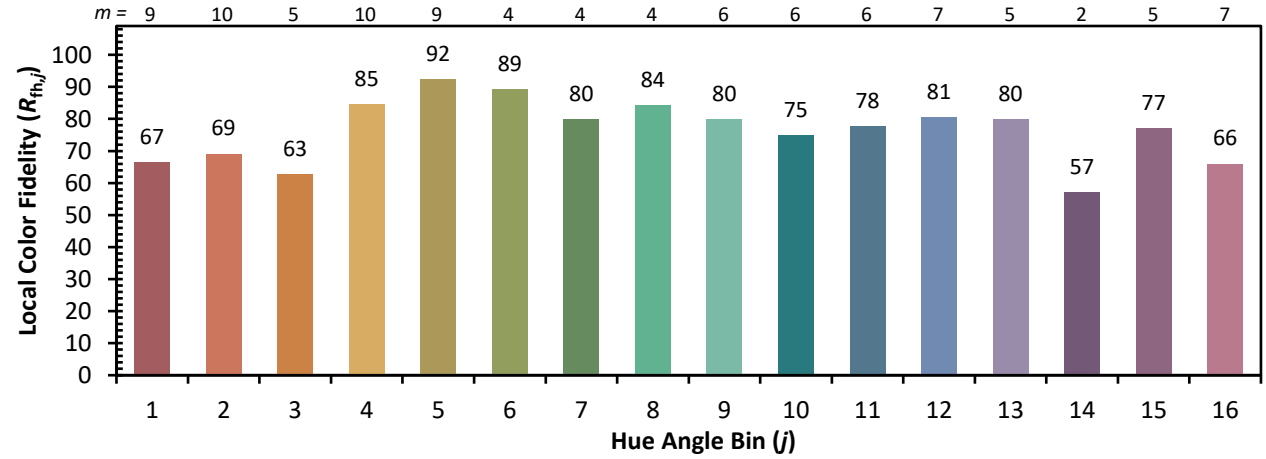
Color Rendition by Hue-Angle Bin







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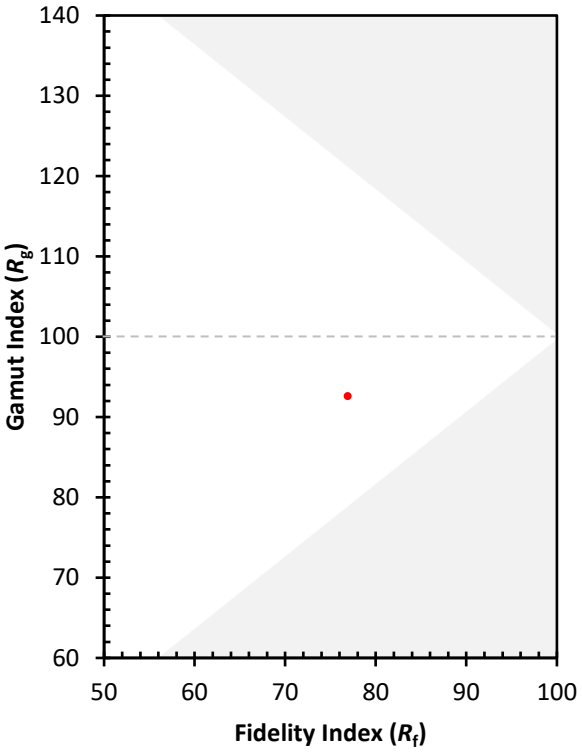
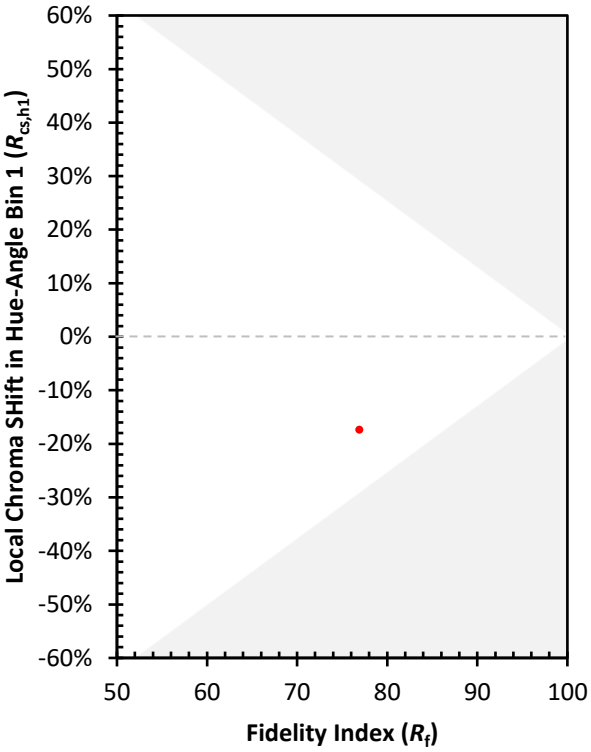
Measure Comparisons





(END OF REPORT)