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: P972193

Luminaire Tested: **GKO-PB1D-722-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:	P972193
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB1D-722-U-T4W
Description:	GEKKO WALL PACK 3500LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source:	(10) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2931.5 lumens
Efficiency:	N/A
Efficacy:	114.5 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):	25.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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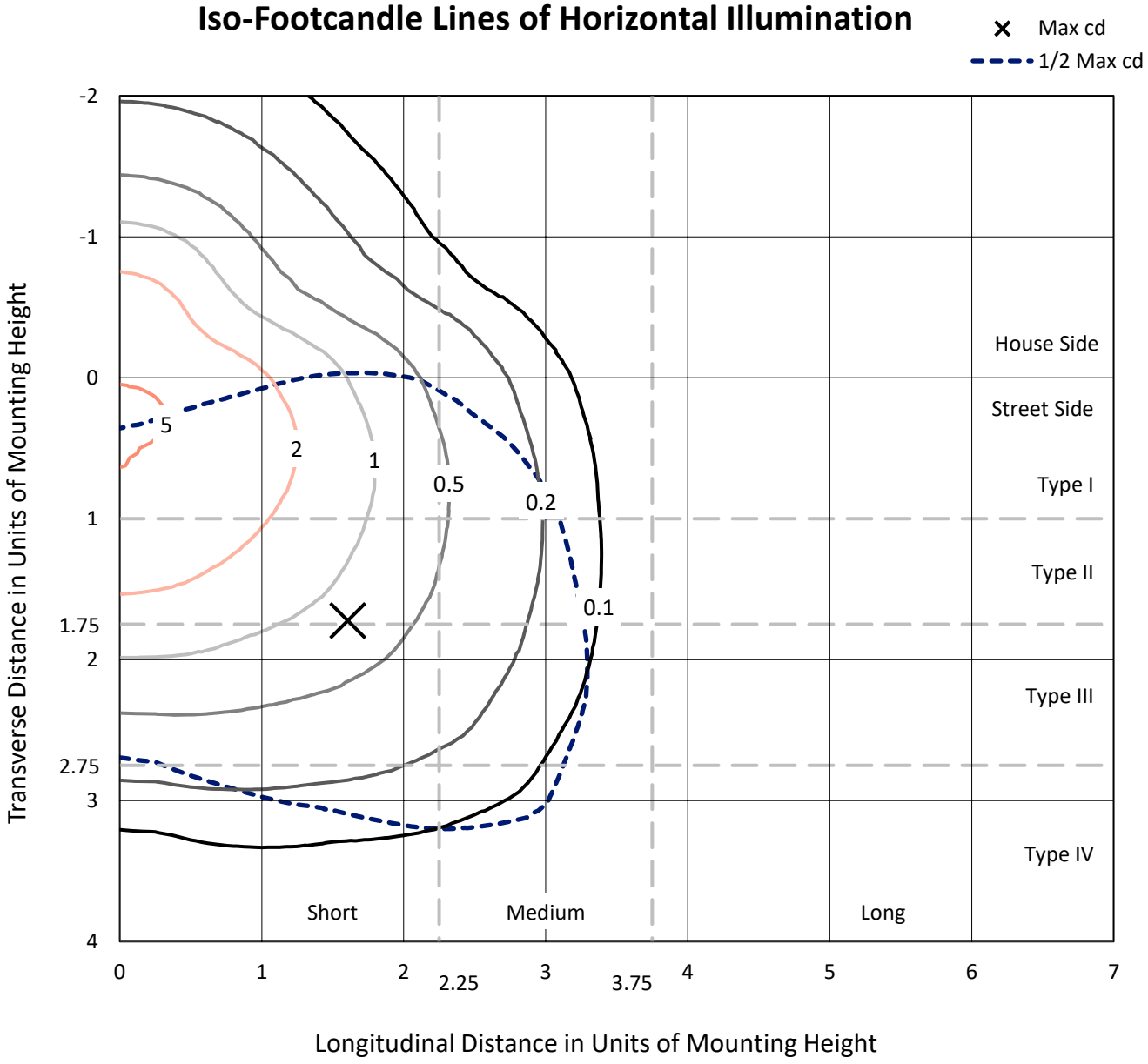
Scaled Data Report

REPORT NUMBER: P972193
CATALOG NUMBER: GKO-PB1D-722-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 5.6 fc
Type IV - Short - N/A

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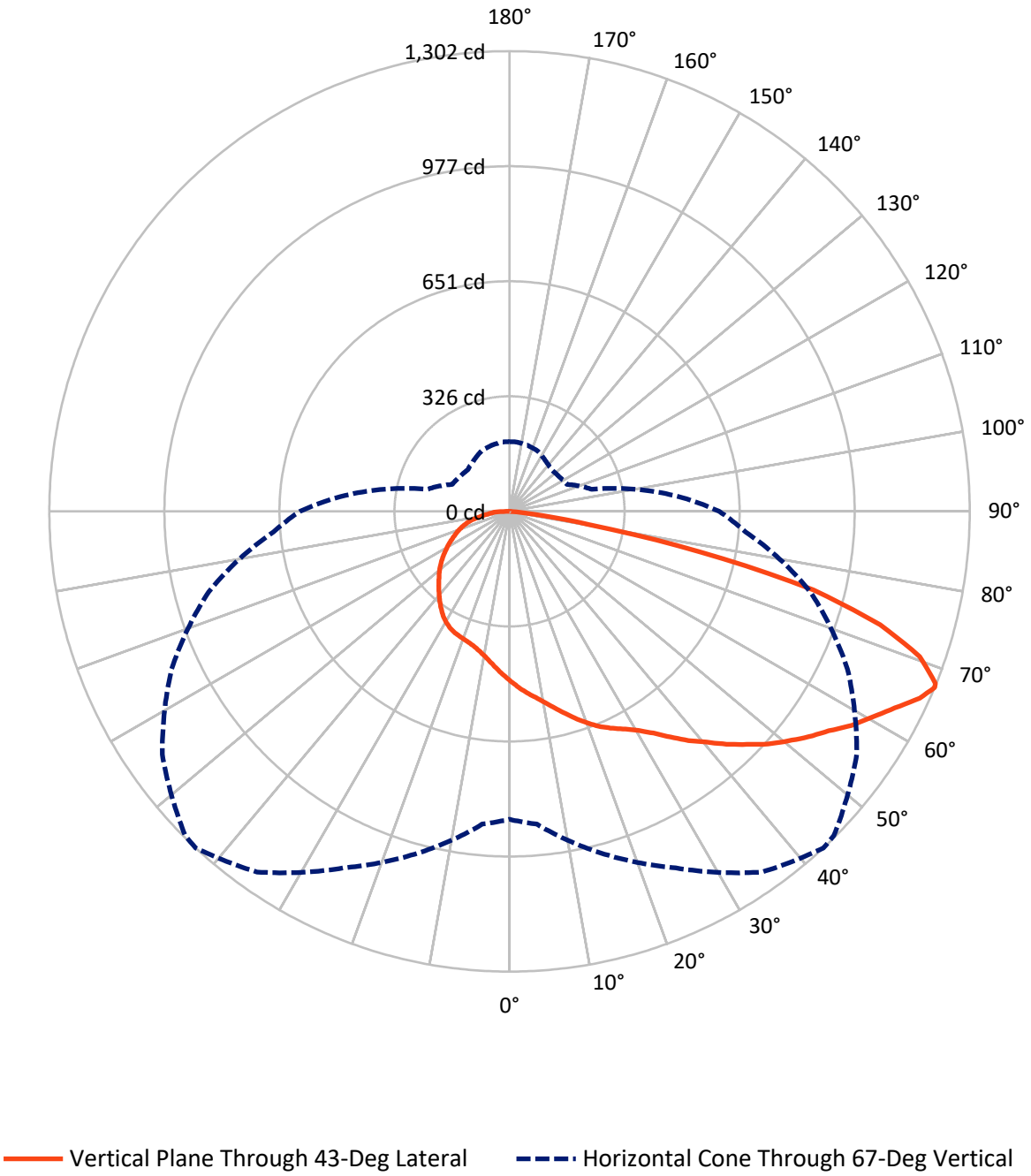
Luminous Intensity Polar Plot



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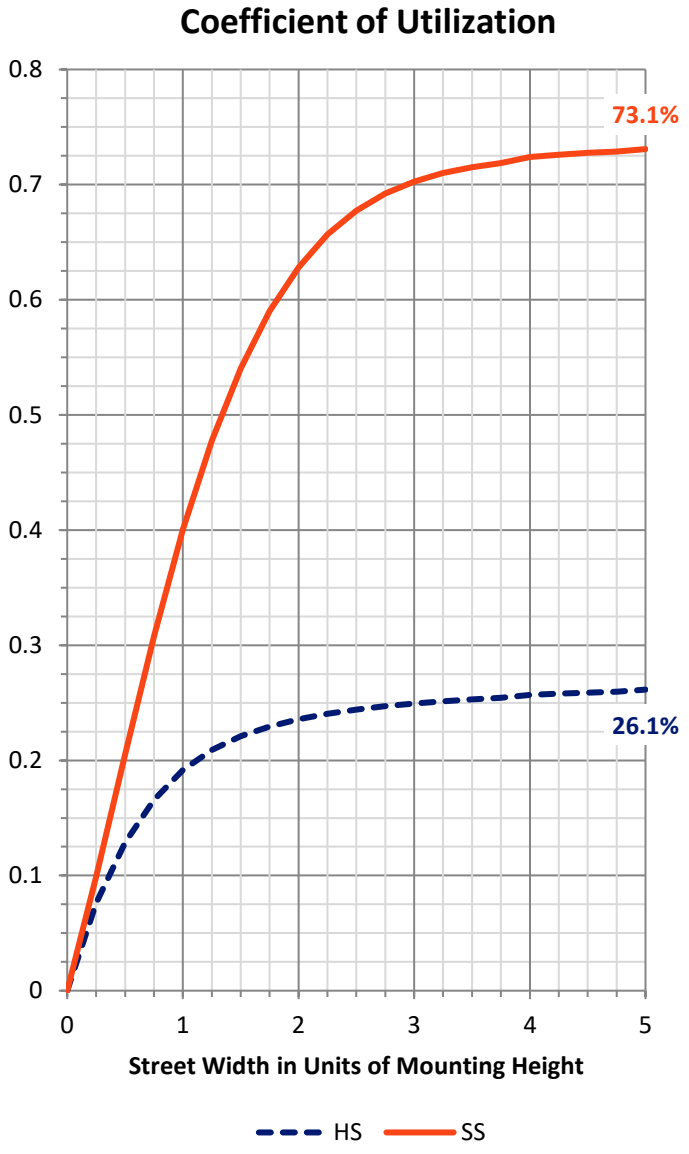
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	788.5	0.0	788.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	2143.0	0.0	2143.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	2931.5	0.0	2931.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.0	1.6
10°-20°	141.4	4.8
20°-30°	244.7	8.3
30°-40°	363.2	12.4
40°-50°	493.4	16.8
50°-60°	605.7	20.7
60°-70°	638.4	21.8
70°-80°	352.4	12.0
80°-90°	46.4	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°	2931.5	100.0
0°-180°	2931.5	100.0



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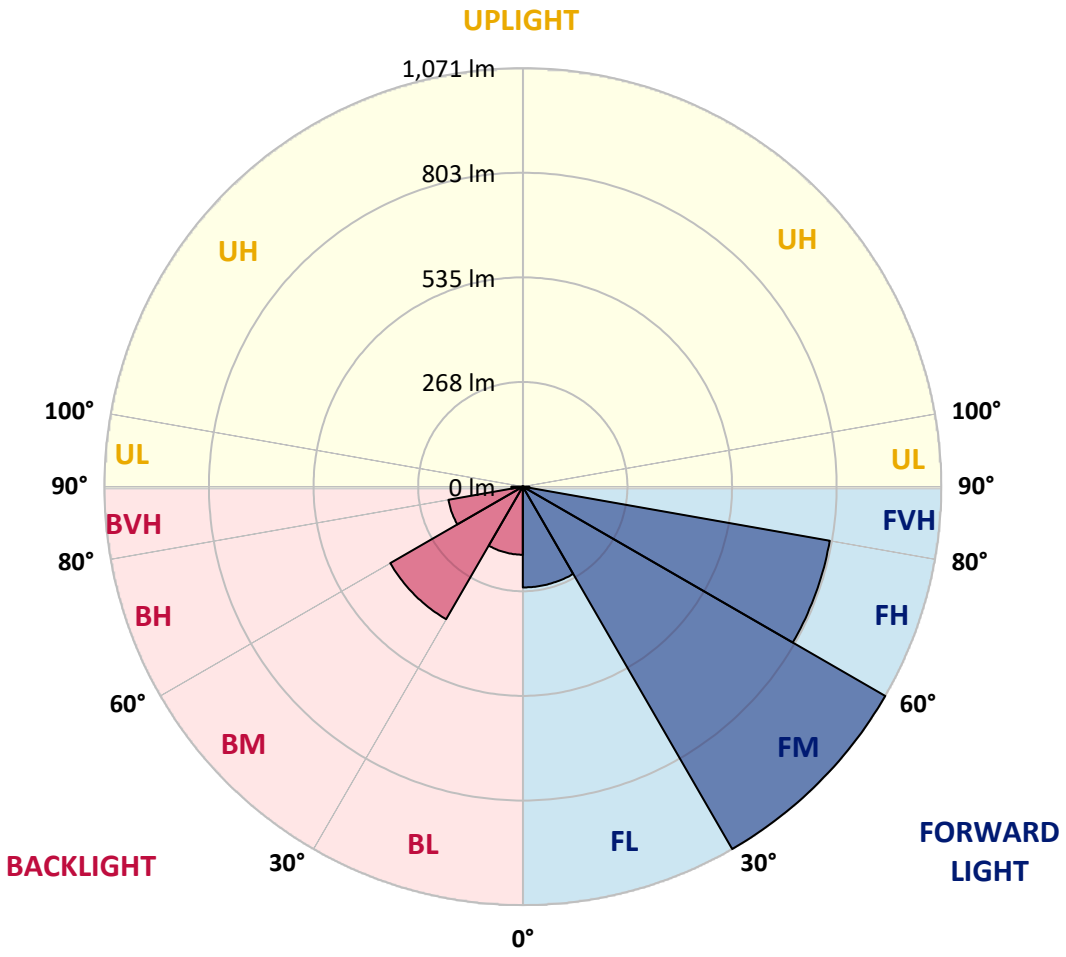
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	257.9	8.8			
FM	(30°-60°)	1070.7	36.5			
FH	(60°-80°)	797.5	27.2			G1/1800
FVH	(80°-90°)	17.0	0.6			G1/100
BL	(0°-30°)	174.2	5.9	B1/500		
BM	(30°-60°)	391.6	13.4	B1/1000		
BH	(60°-80°)	193.2	6.6	B1/500		G1/500
BVH	(80°-90°)	29.5	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: P972193
CATALOG NUMBER: GKO-PB1D-722-U-T4W

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	481.2	481.2	481.2	481.2	481.2	*481.2*	481.2	481.2	481.2	481.2	481.2
2.5°	503.5	504.6	503.5	502.3	499.9	*498.8*	497.6	494.7	491.1	485.9	481.7
5°	525.8	525.8	524.0	522.8	519.3	*515.8*	514.0	507.0	499.4	490.5	482.3
7.5°	546.3	548.6	545.7	542.8	537.5	*531.6*	530.5	519.9	509.3	497.6	485.3
10°	572.1	573.9	569.8	567.4	557.4	*549.8*	547.5	534.6	520.5	505.8	490.0
12.5°	598.5	599.7	596.8	591.5	580.9	*571.5*	568.0	551.0	532.8	515.2	495.2
15°	621.4	622.6	621.4	615.5	605.6	*593.8*	589.1	570.4	548.1	525.2	501.7
17.5°	638.4	640.8	640.8	637.8	629.0	*617.9*	614.9	591.5	565.7	536.9	509.3
20°	653.1	654.3	656.6	654.8	650.2	*640.8*	636.7	614.4	583.3	550.4	517.0
22.5°	664.8	666.0	670.1	669.5	666.6	*661.9*	657.8	637.2	603.8	563.9	524.0
25°	685.4	684.8	687.1	685.4	681.8	*680.1*	677.7	659.5	624.3	579.7	533.4
27.5°	721.2	720.0	717.6	708.8	700.0	*697.7*	695.9	683.0	648.4	597.9	543.9
30°	774.0	775.1	764.0	744.0	726.4	*719.4*	717.0	708.2	675.4	619.1	555.7
32.5°	836.8	836.2	818.0	789.8	762.2	*748.1*	743.5	734.1	702.4	640.2	569.2
35°	881.9	880.8	871.4	846.1	817.4	*783.9*	775.1	760.5	731.1	664.2	582.7
37.5°	943.0	941.2	923.0	896.6	870.8	*822.7*	812.7	792.7	758.7	687.7	597.9
40°	1012.8	1001.6	971.7	944.7	909.5	*858.5*	850.2	824.4	790.4	716.5	615.5
42.5°	1076.2	1059.7	1021.0	987.0	943.0	*900.7*	890.1	859.6	820.9	742.9	633.7
45°	1171.2	1131.3	1075.6	1055.6	979.3	*940.6*	931.8	894.3	854.4	771.6	651.9
47.5°	1159.5	1131.3	1113.1	1110.8	1017.5	*984.0*	971.1	932.4	890.1	802.1	670.7
50°	1182.4	1160.1	1161.2	1132.5	1052.1	*1021.0*	1011.6	972.3	926.5	832.1	690.6
52.5°	1177.7	1184.1	1180.6	1136.0	1085.5	*1059.7*	1052.7	1013.4	961.1	860.8	708.2
55°	1215.2	1211.7	1204.1	1160.1	1122.5	*1096.1*	1090.2	1056.2	996.4	885.5	723.5
57.5°	1242.8	1224.6	1224.0	1187.1	1163.6	*1141.9*	1132.5	1100.2	1029.2	907.2	735.2
60°	1225.8	1204.1	1219.9	1191.2	1188.8	*1180.6*	1175.3	1138.9	1058.6	923.6	739.9
62.5°	1134.8	1140.1	1187.1	1185.3	1216.4	*1224.0*	1218.2	1165.9	1077.9	929.5	736.4
65°	1014.5	1030.4	1102.6	1164.2	1248.7	*1275.1*	1269.2	1185.3	1076.2	916.0	712.9
67°	*871.4*	*888.4*	*1001.0*	*1113.1*	*1245.7*	*1302.1*	*1298.0*	*1199.4*	*1055.0*	*881.3*	*670.7*
67.5°	839.7	859.0	971.7	1089.7	1235.2	*1299.7*	1296.8	1200.6	1048.0	864.9	654.3
70°	617.9	640.8	799.8	957.6	1150.7	*1231.7*	1231.1	1156.5	975.2	775.7	567.4
72.5°	384.9	405.5	570.4	747.0	996.9	*1096.7*	1092.6	1007.5	839.7	633.1	447.7
75°	235.9	248.8	359.1	487.0	722.9	*887.8*	893.7	787.5	572.7	376.1	252.9
77.5°	144.3	158.4	226.5	300.4	441.8	*552.2*	553.3	436.6	294.0	204.8	138.5
80°	80.4	83.9	117.9	157.3	226.5	*227.7*	218.3	192.5	152.6	98.6	71.0
82.5°	31.7	34.0	51.0	63.4	64.5	*67.5*	62.8	56.9	48.1	31.7	22.3
85°	0.0	0.0	0.0	1.2	4.1	*8.2*	8.2	5.9	2.3	1.8	1.8
87.5°	0.0	0.0	0.0	0.6	0.6	*0.6*	0.6	0.6	0.6	0.6	0.6
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

Scaled Data Report

REPORT NUMBER: P972193
CATALOG NUMBER: GKO-PB1D-722-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	481.2	481.2	481.2	481.2	481.2	481.2	481.2	481.2	481.2	481.2	481.2
2.5°	480.6	480.0	475.9	471.2	467.7	464.7	461.8	458.3	458.3	459.4	458.9
5°	479.4	476.5	468.8	460.6	454.2	448.3	443.0	438.3	437.7	438.3	438.9
7.5°	480.0	474.7	463.0	450.6	440.1	432.5	424.8	421.3	420.7	420.7	420.7
10°	482.3	474.7	458.9	441.8	428.9	417.8	409.6	406.1	406.6	407.2	407.8
12.5°	486.4	475.9	455.9	434.2	417.8	406.6	398.4	395.5	397.8	400.8	401.4
15°	490.5	478.2	453.0	427.8	409.0	396.7	390.8	390.2	394.3	399.6	400.8
17.5°	495.2	480.0	449.5	419.5	399.6	389.6	386.7	388.4	394.9	403.1	404.9
20°	499.9	482.3	445.4	411.9	390.8	383.8	385.5	390.8	399.0	409.0	410.7
22.5°	504.6	484.1	440.1	402.5	381.4	379.1	385.5	394.3	402.5	413.7	416.0
25°	509.9	486.4	433.6	390.8	372.0	373.8	384.9	395.5	404.3	416.0	419.0
27.5°	518.1	490.0	427.2	380.2	361.5	367.3	382.0	394.9	404.3	415.4	419.0
30°	526.3	493.5	421.9	369.1	350.9	358.5	376.1	392.0	401.4	411.3	416.0
32.5°	535.7	498.2	417.2	357.9	339.2	348.5	367.9	385.5	396.7	405.5	410.2
35°	545.7	505.2	413.7	348.0	327.4	335.6	355.6	377.3	388.4	396.7	400.8
37.5°	558.6	512.8	411.3	338.0	315.1	322.1	342.7	365.6	378.5	384.9	390.2
40°	572.7	524.0	411.3	329.8	303.4	308.1	329.2	353.8	366.7	372.0	377.3
42.5°	586.8	535.1	410.7	321.6	291.0	294.6	315.7	340.9	353.2	357.3	361.5
45°	603.2	548.1	410.2	312.2	277.5	281.1	302.8	328.0	339.7	343.3	346.8
47.5°	620.8	561.0	407.8	300.4	265.2	268.2	289.9	313.3	325.1	329.2	332.7
50°	636.7	573.3	401.9	286.9	254.1	257.0	276.4	295.7	306.3	311.0	314.5
52.5°	650.7	582.1	392.6	271.7	241.8	245.3	259.9	277.0	285.2	288.7	291.0
55°	661.9	586.8	377.3	257.0	230.0	231.8	243.5	258.8	265.2	265.8	267.6
57.5°	669.5	586.2	356.8	240.0	218.3	218.9	227.1	240.6	245.3	244.7	245.9
60°	671.3	578.6	332.1	224.2	206.5	204.8	213.0	222.4	225.3	227.7	230.6
62.5°	664.2	560.4	304.0	208.3	194.8	191.9	197.7	206.0	210.7	211.8	213.0
65°	638.4	526.9	269.9	191.9	183.1	177.8	184.2	196.0	203.6	206.0	205.4
67°	*593.2*	*480.0*	*240.6*	*179.6*	*171.3*	*166.6*	*176.0*	*188.4*	*193.6*	*197.2*	*197.2*
67.5°	578.6	463.0	230.6	175.4	168.4	164.3	173.1	184.8	191.9	196.0	196.0
70°	491.1	379.6	194.8	154.9	151.4	152.0	162.5	175.4	184.2	188.4	188.4
72.5°	374.4	294.0	158.4	135.0	133.8	137.9	151.4	163.1	174.3	181.3	180.7
75°	212.4	169.6	115.6	110.3	115.0	123.2	140.2	153.1	163.1	170.2	169.6
77.5°	123.8	102.1	79.8	75.7	89.2	108.0	125.6	142.0	149.0	151.4	149.6
80°	62.8	53.4	49.9	51.6	59.9	80.4	109.7	129.1	134.4	136.1	134.4
82.5°	20.0	18.2	20.0	26.4	39.9	63.4	88.6	116.8	123.2	123.2	122.6
85°	1.2	1.2	1.2	11.7	27.6	46.9	69.2	102.1	115.6	114.4	112.7
87.5°	0.6	0.6	0.6	7.6	21.7	39.3	61.0	92.7	110.3	102.1	96.2
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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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

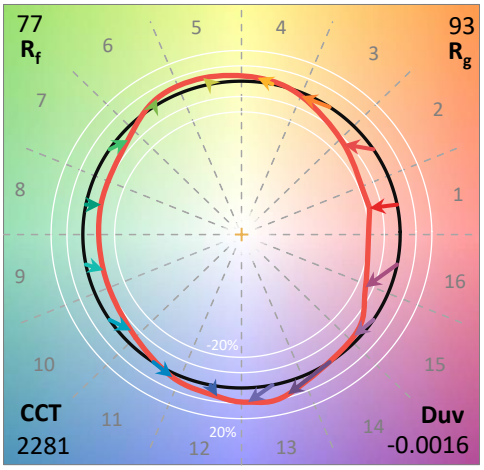
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

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

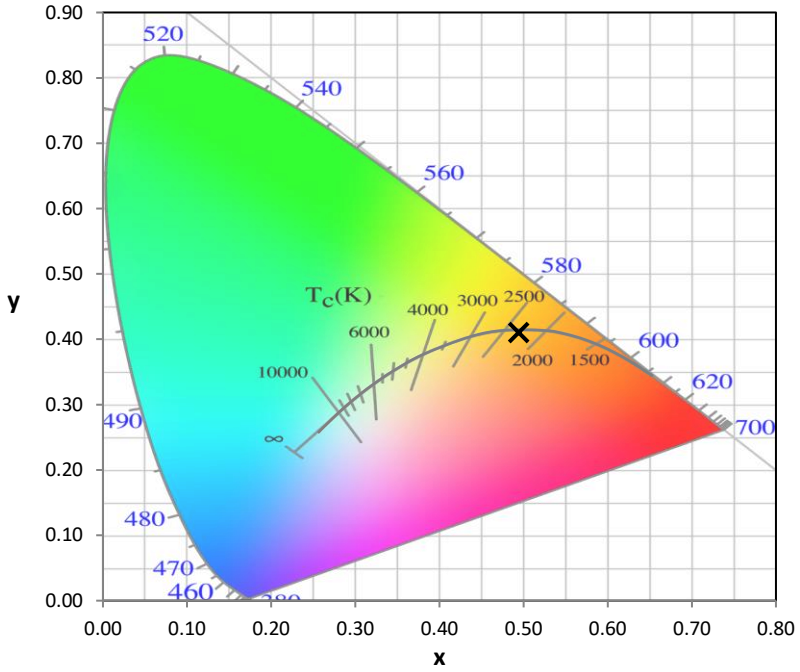
Stabilization Time:	40M
Operation Time:	1H 40M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-2

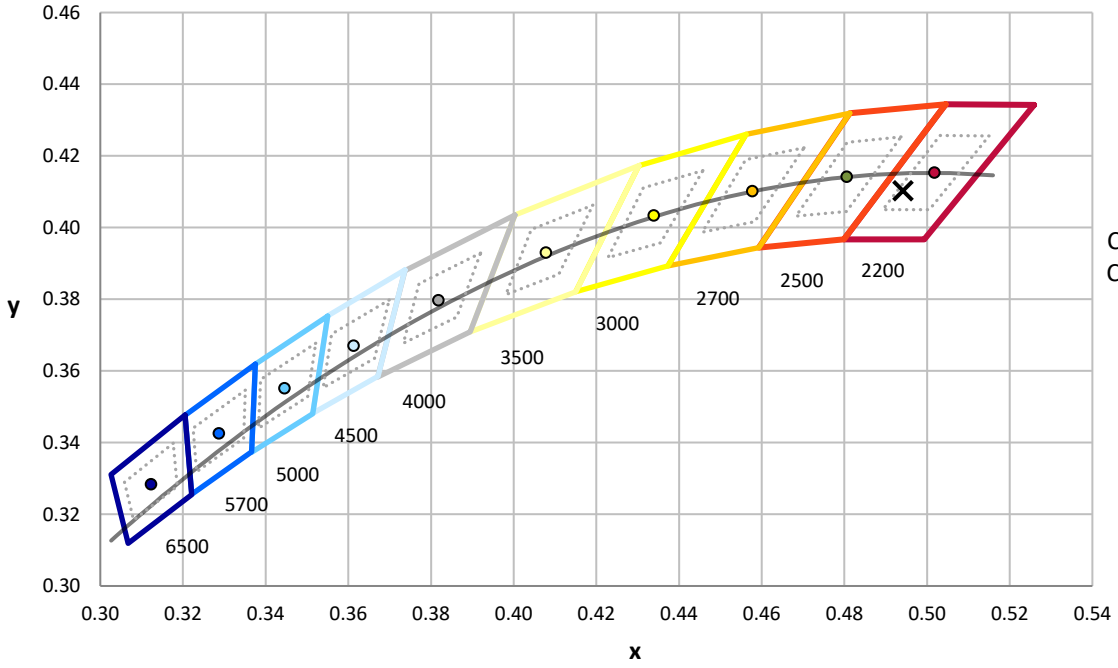
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

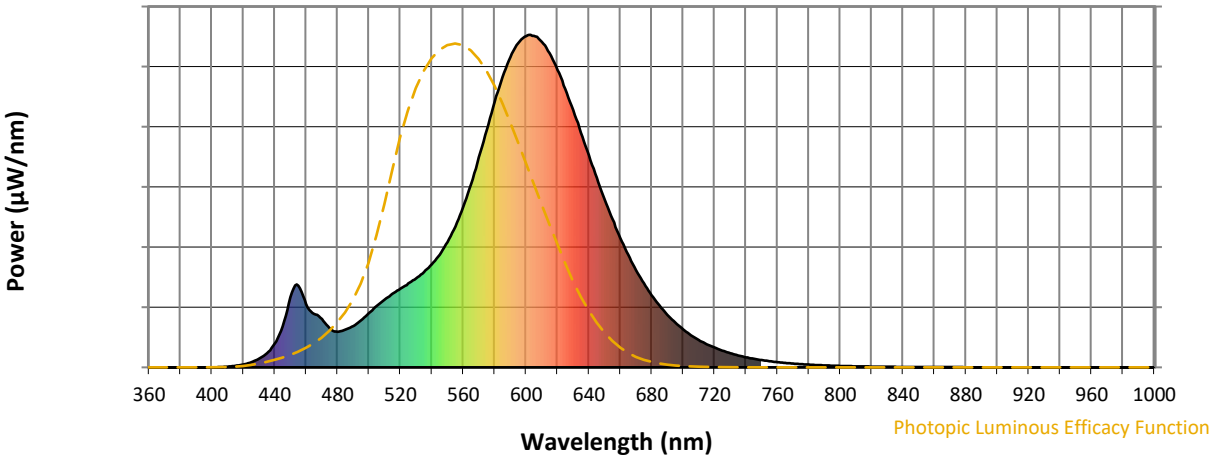


CCT = 2281K
CIE x = 0.4942
CIE y = 0.4102
Duv = -0.0016

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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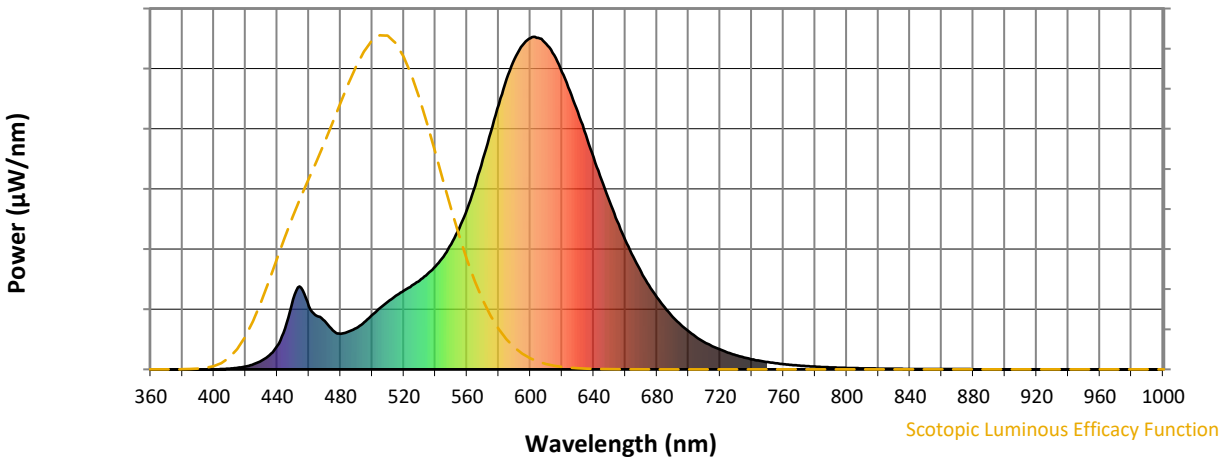
Scotopic Flux vs. Wavelength



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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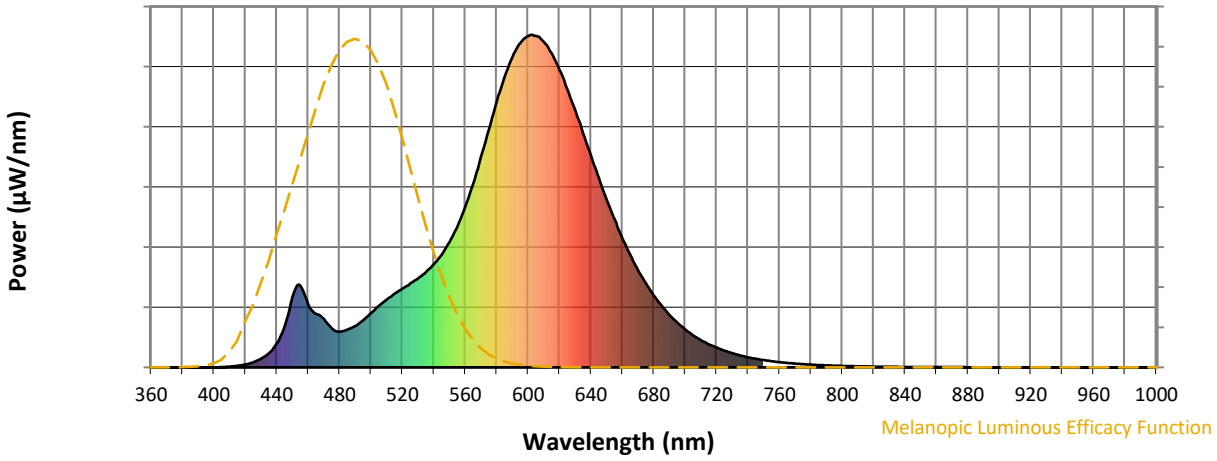
Melanopic Flux vs. Wavelength



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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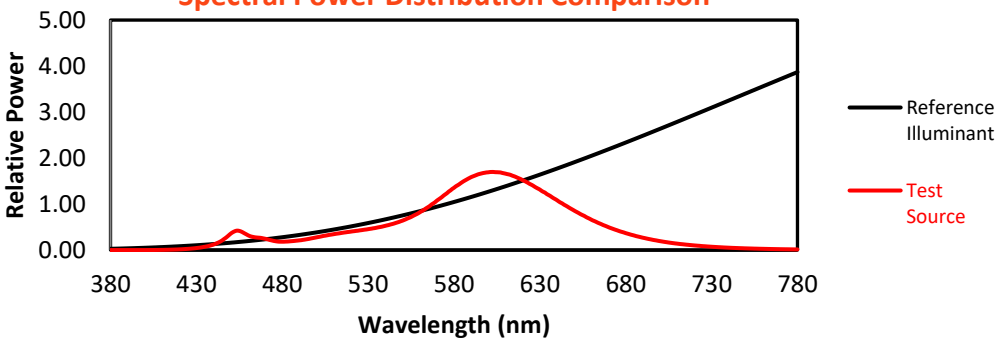
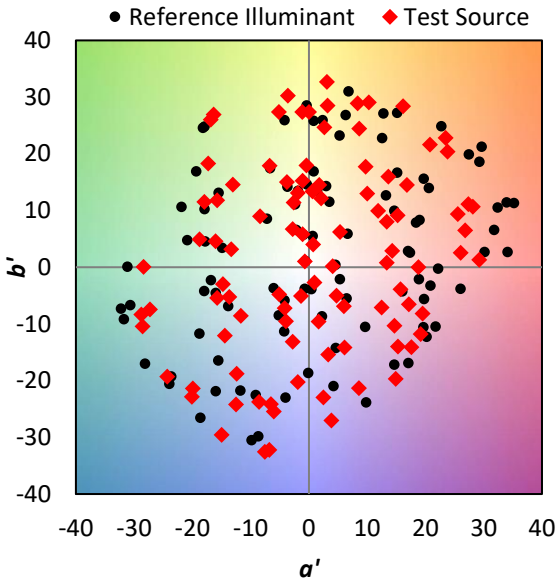
Summary

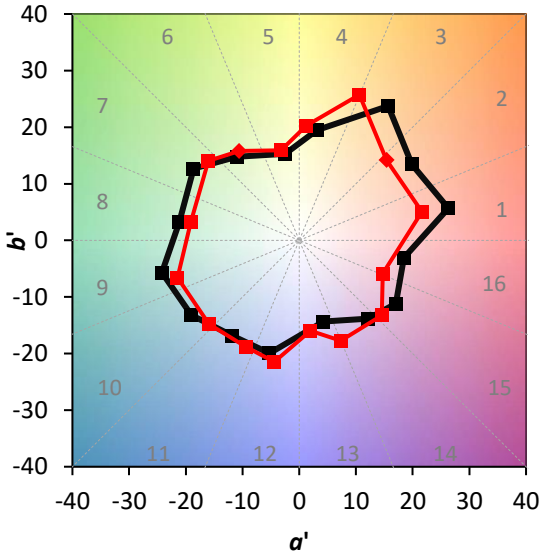
R_f = 76.9
R_g = 92.6
CIE R_a = 70.6
R_9 = -35.1

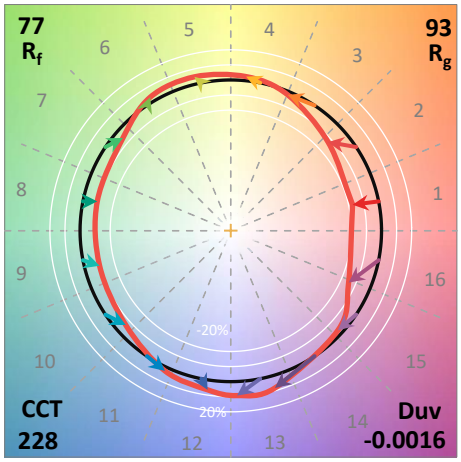
Spectral Power Distribution Comparison

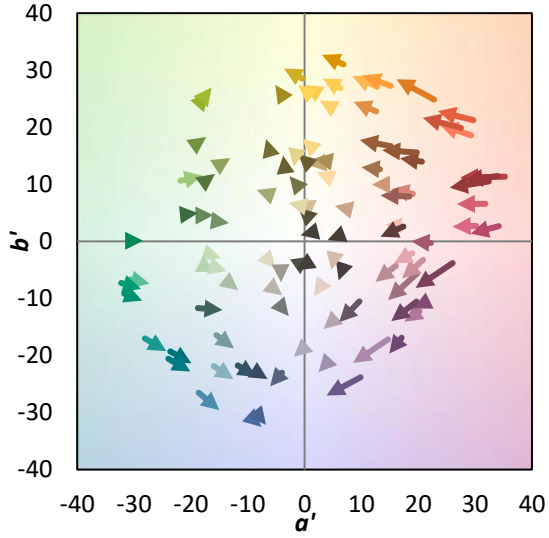


Color Vector Graphics









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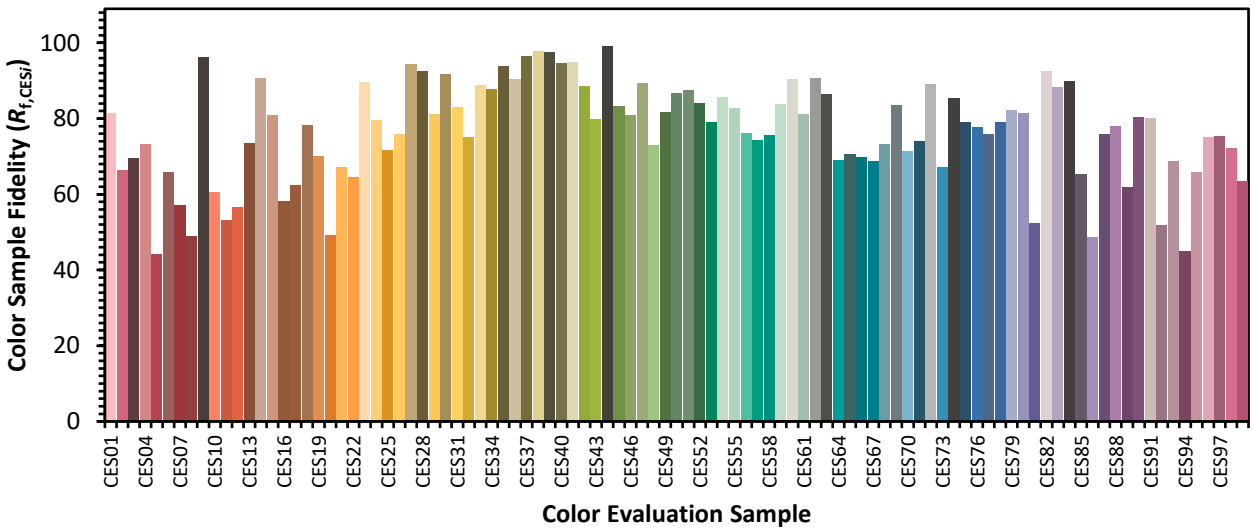
Individual Sample Fidelity Index ($R_{f,i}$)

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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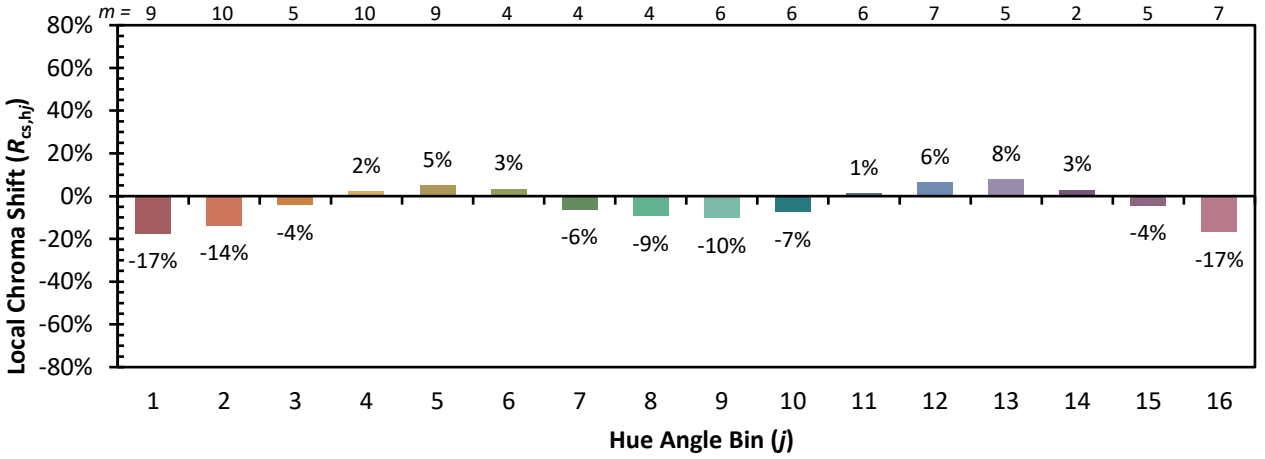
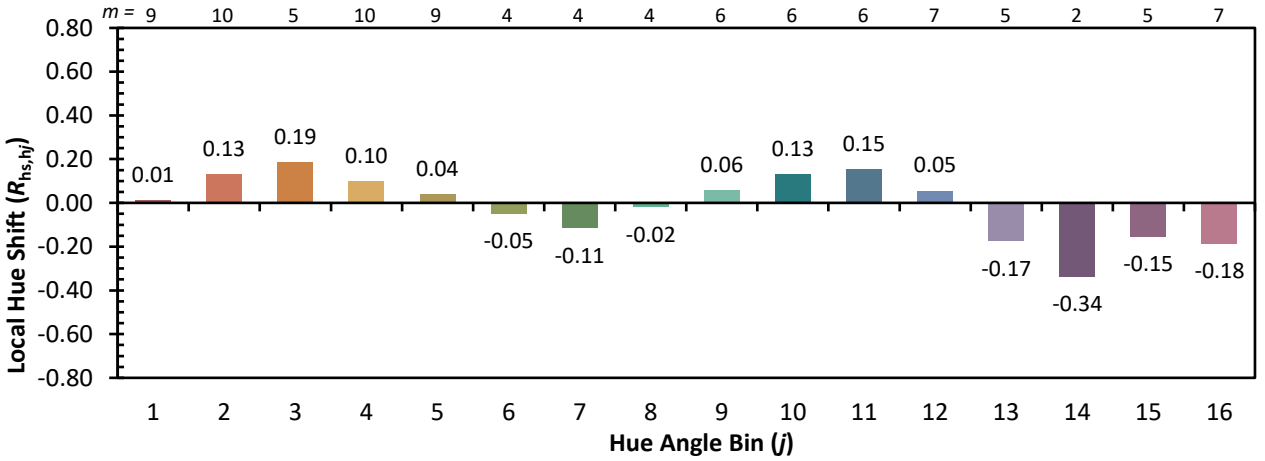
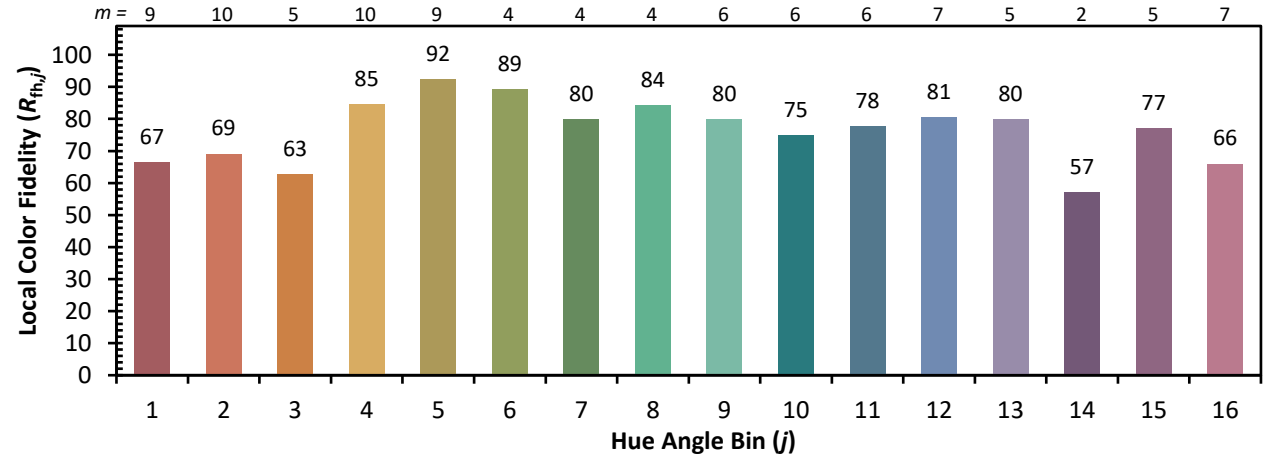
Color Rendition by Hue-Angle Bin







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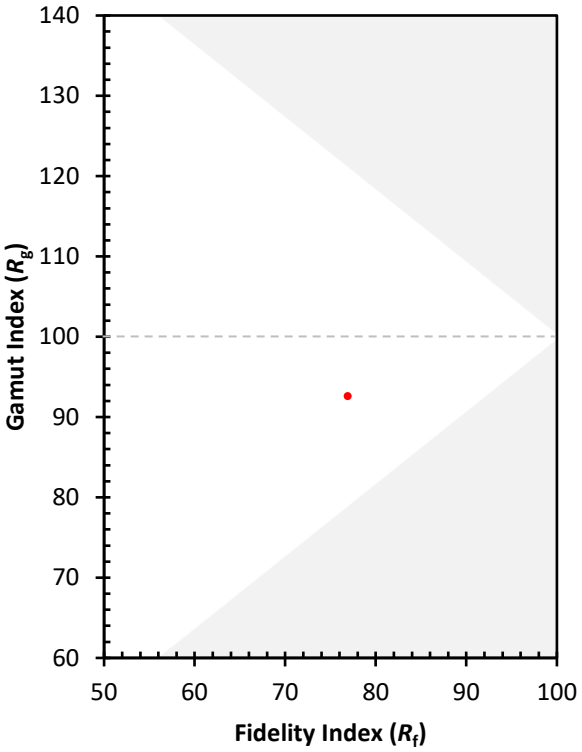
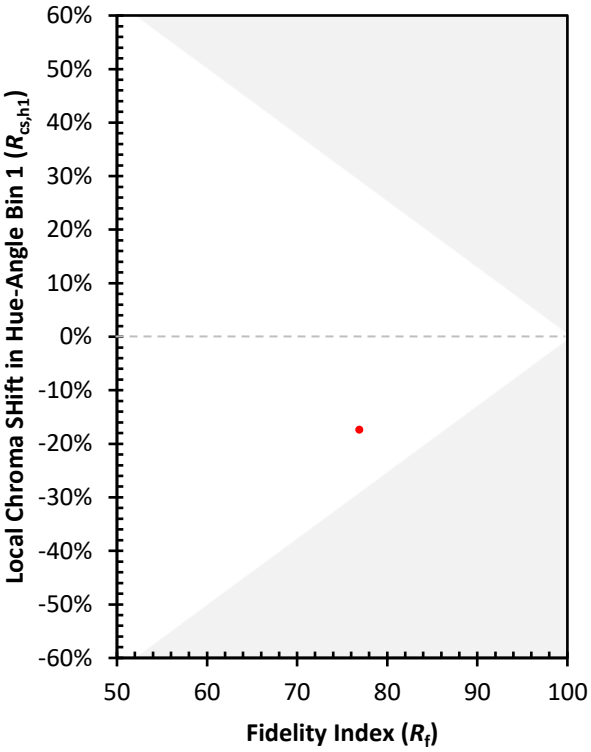
Measure Comparisons





(END OF REPORT)