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: P972361

Luminaire Tested: **GKO-PB2A-727-U-T2U**

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:	P972361
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/27/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GKO-PB2A-727-U-T2U
Description:	GEKKO WALL PACK 4000LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source:	(20) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3864.1 lumens
Efficiency:	N/A
Efficacy:	145.8 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - 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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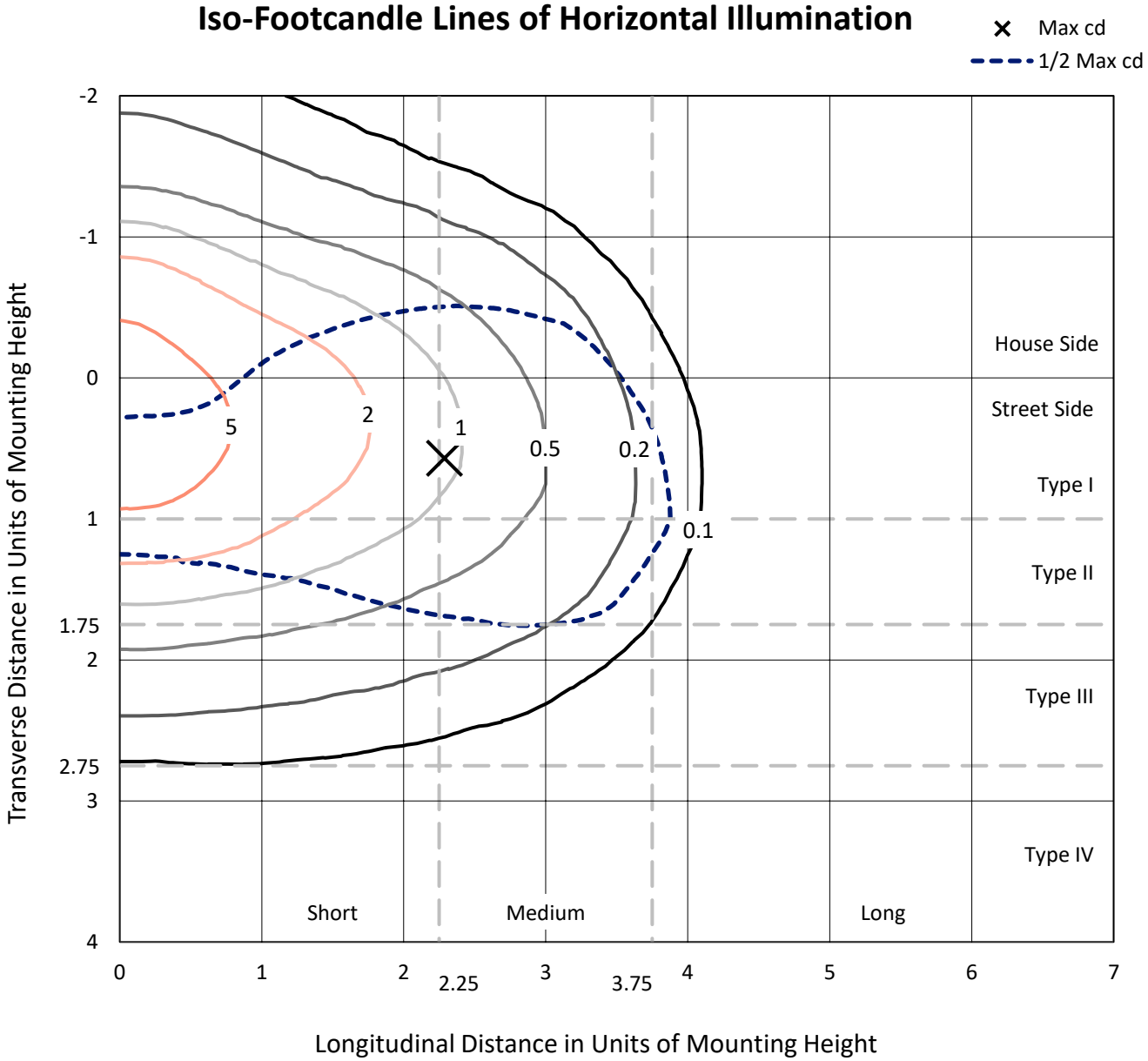
REPORT NUMBER: P972361
CATALOG NUMBER: GKO-PB2A-727-U-T2U

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 8.5 fc
Type II - Medium - N/A

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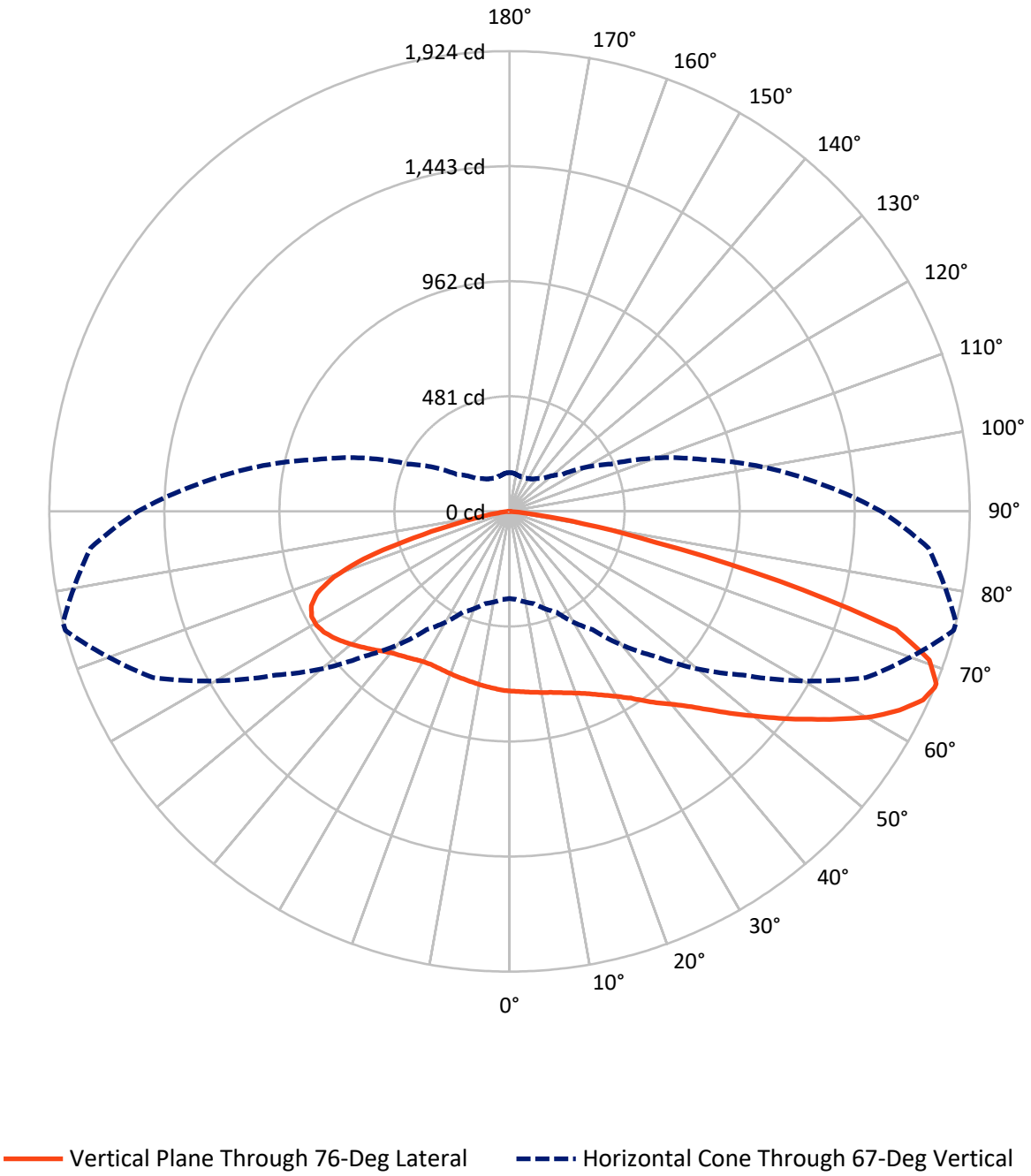
REPORT NUMBER: P972361
CATALOG NUMBER: GKO-PB2A-727-U-T2U

Luminous Intensity Polar Plot



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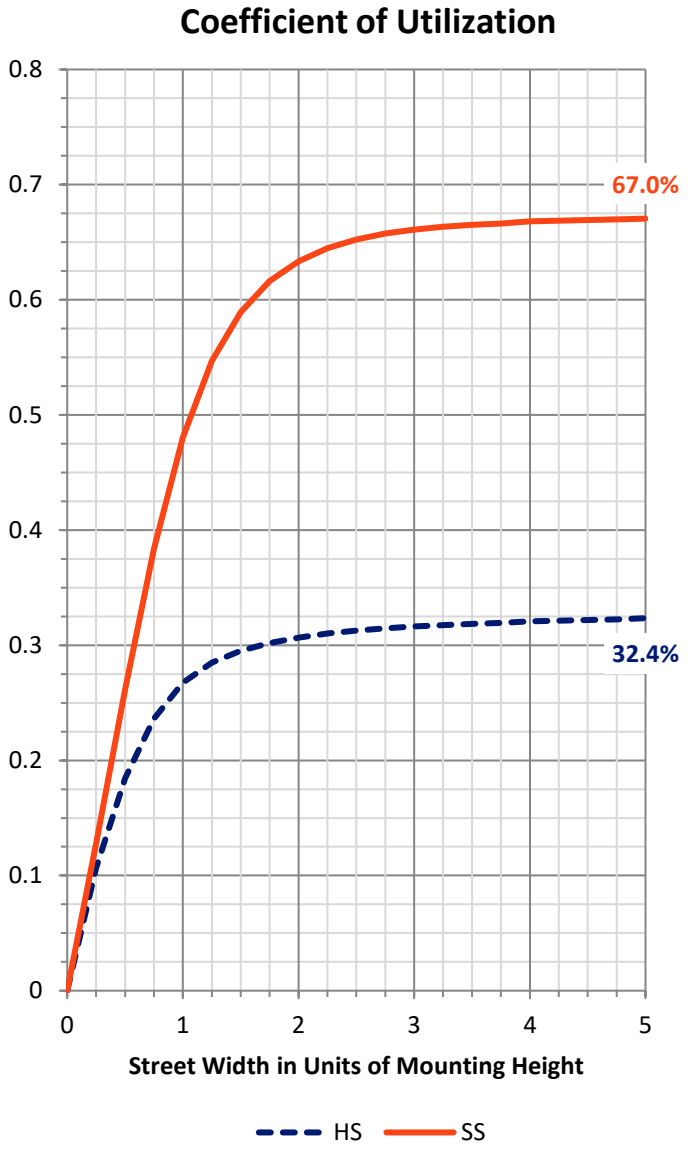
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1274.8	0.0	1274.8
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	2589.2	0.0	2589.2
	% Fixture	67.0	0.0	67.0
Total	Lumens	3864.1	0.0	3864.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.2	1.9
10°-20°	220.9	5.7
20°-30°	380.0	9.8
30°-40°	546.1	14.1
40°-50°	692.5	17.9
50°-60°	760.5	19.7
60°-70°	737.5	19.1
70°-80°	407.2	10.5
80°-90°	47.2	1.2
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°	3864.1	100.0
0°-180°	3864.1	100.0



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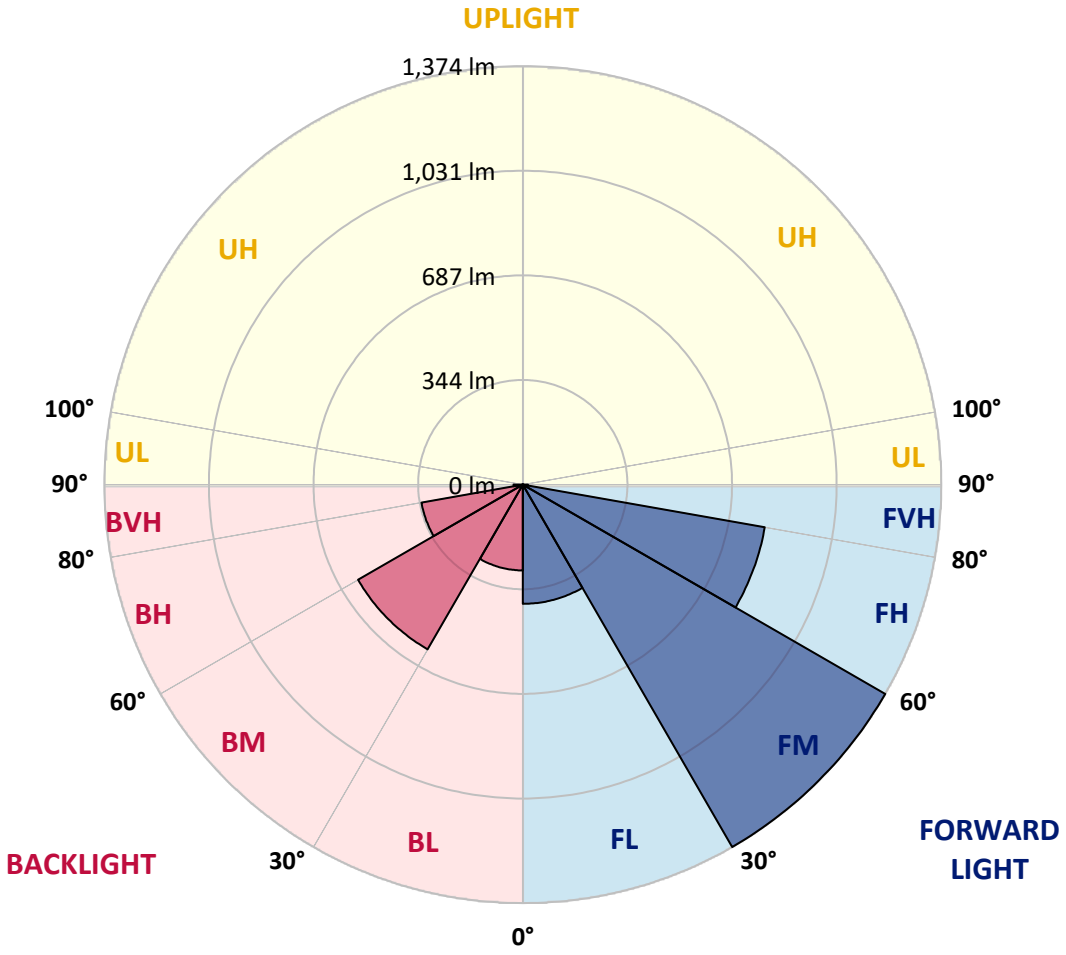
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	391.4	10.1			
FM	(30°-60°)	1374.3	35.6			
FH	(60°-80°)	806.8	20.9			G1/1800
FVH	(80°-90°)	16.7	0.4			G1/100
BL	(0°-30°)	281.7	7.3	B1/500		
BM	(30°-60°)	624.7	16.2	B1/1000		
BH	(60°-80°)	337.9	8.7	B1/500		G1/500
BVH	(80°-90°)	30.5	0.8			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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Scaled Data Report

REPORT NUMBER: P972361
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	751.1	751.1	751.1	751.1	751.1	751.1	751.1	751.1	751.1	*751.1*	751.1
2.5°	773.6	772.8	772.1	772.1	769.1	766.1	763.1	760.8	754.9	*754.1*	751.1
5°	796.7	796.7	794.5	793.7	789.2	781.8	775.0	768.3	760.1	*758.6*	751.9
7.5°	826.6	826.6	822.9	819.9	813.2	801.2	789.2	777.3	765.3	*763.8*	753.4
10°	864.7	864.7	861.7	855.0	840.8	825.1	805.7	787.0	771.3	*769.8*	754.9
12.5°	904.3	905.1	900.6	890.9	873.7	849.8	825.9	799.0	778.8	*776.5*	757.9
15°	944.7	945.5	942.5	932.0	908.8	879.7	847.5	815.4	788.5	*786.3*	762.3
17.5°	984.3	985.8	982.8	970.9	944.0	912.6	873.0	832.6	800.5	*797.5*	769.8
20°	1021.7	1021.7	1021.7	1008.2	982.1	946.2	900.6	853.5	813.9	*810.9*	778.8
22.5°	1055.3	1056.8	1059.1	1051.6	1021.7	982.1	932.7	876.7	831.1	*827.4*	790.0
25°	1089.0	1089.7	1095.7	1090.4	1061.3	1020.2	967.1	905.8	852.0	*848.3*	803.4
27.5°	1127.8	1130.1	1133.8	1131.6	1098.7	1058.3	1005.2	938.0	875.2	*871.5*	819.9
30°	1173.4	1173.4	1175.7	1171.9	1139.0	1098.7	1043.4	971.6	904.3	*898.4*	840.1
32.5°	1210.8	1214.5	1213.0	1211.5	1177.1	1136.8	1082.2	1009.0	938.0	*930.5*	867.7
35°	1245.9	1246.7	1245.9	1247.4	1213.0	1174.9	1123.3	1052.3	975.3	*972.4*	902.9
37.5°	1266.1	1267.6	1271.3	1275.8	1245.2	1209.3	1164.4	1100.2	1021.7	*1016.5*	944.7
40°	1275.8	1278.0	1298.2	1305.0	1272.1	1242.2	1207.8	1143.5	1066.5	*1060.6*	986.6
42.5°	1290.7	1308.7	1319.2	1320.6	1292.2	1266.1	1245.2	1192.8	1121.8	*1116.6*	1042.6
45°	1241.4	1234.7	1262.3	1294.5	1293.0	1281.8	1281.0	1248.1	1189.9	*1184.6*	1106.1
47.5°	1179.4	1174.2	1189.1	1236.2	1269.8	1288.5	1316.2	1313.2	1272.1	*1264.6*	1180.1
50°	1031.4	1040.4	1113.6	1177.9	1236.2	1290.7	1346.1	1381.2	1352.0	*1346.1*	1258.6
52.5°	893.1	899.1	949.2	1102.4	1192.8	1284.0	1372.2	1452.9	1445.5	*1438.7*	1344.6
55°	796.0	802.0	881.9	979.8	1128.6	1249.6	1389.4	1520.9	1540.4	*1533.7*	1435.7
57.5°	694.3	704.0	758.6	844.6	1042.6	1192.8	1395.4	1589.7	1643.5	*1637.5*	1523.2
60°	596.4	609.9	642.0	735.4	936.5	1125.6	1379.7	1645.0	1742.9	*1742.9*	1613.6
62.5°	506.0	513.5	547.1	631.5	802.0	1039.6	1340.1	1680.1	1834.1	*1830.4*	1692.8
65°	431.2	435.0	461.9	534.4	689.1	944.7	1271.3	1677.9	1899.1	*1899.9*	1745.2
67°	*364.0*	*370.0*	*399.9*	*465.6*	*603.1*	*855.0*	*1192.1*	*1644.3*	*1922.3*	*1923.8*	*1757.9*
67.5°	340.8	347.5	380.4	448.4	585.2	830.4	1173.4	1630.1	1920.8	*1923.8*	1754.1
70°	234.7	236.2	291.5	369.2	481.3	699.6	1044.1	1531.4	1864.0	*1861.8*	1672.7
72.5°	149.5	147.2	200.3	269.8	387.2	566.5	881.2	1358.8	1691.4	*1689.1*	1474.6
75°	99.4	101.6	135.3	192.8	272.1	438.0	686.9	1025.4	1174.9	*1165.9*	973.1
77.5°	71.0	69.5	83.7	139.0	182.4	266.1	372.9	545.6	624.1	*624.1*	534.4
80°	38.9	39.6	45.6	77.0	103.1	103.9	139.8	273.5	304.9	*311.7*	259.3
82.5°	11.2	12.0	16.4	26.2	28.4	31.4	48.6	78.5	82.2	*86.7*	70.3
85°	0.0	0.0	0.0	0.7	3.0	3.7	3.7	4.5	7.5	*7.5*	8.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.5	3.0	*3.0*	3.7
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: P972361
CATALOG NUMBER: GKO-PB2A-727-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	751.1	751.1	751.1	751.1	751.1	751.1	751.1	751.1	751.1	751.1	751.1
2.5°	750.4	751.1	748.1	744.4	741.4	739.9	735.4	731.7	733.9	736.2	736.2
5°	749.6	748.9	742.9	736.2	731.7	728.7	721.2	716.0	716.8	719.0	718.2
7.5°	749.6	746.6	738.4	728.7	721.2	715.3	705.5	699.6	698.8	700.3	698.8
10°	750.4	745.2	733.9	720.5	710.0	701.1	689.1	682.4	680.1	680.9	679.4
12.5°	751.9	743.7	729.5	712.3	698.8	686.9	673.4	665.2	663.7	665.2	665.2
15°	754.1	743.7	725.7	704.8	686.9	673.4	659.9	652.5	652.5	653.2	653.2
17.5°	758.6	745.9	722.7	696.6	674.9	659.9	648.0	642.8	643.5	645.7	645.7
20°	763.1	748.9	719.7	688.3	664.4	647.2	637.5	633.8	636.8	639.8	639.8
22.5°	769.8	752.6	716.8	680.9	652.5	635.3	627.1	624.1	627.1	630.8	629.3
25°	780.3	759.4	714.5	674.1	641.3	622.6	614.4	611.4	612.9	615.9	615.9
27.5°	792.2	767.6	713.8	665.9	627.8	607.6	597.9	593.4	593.4	594.2	594.9
30°	812.4	781.8	716.8	659.9	615.9	591.9	579.2	572.5	571.8	574.7	574.7
32.5°	836.3	801.2	724.2	654.7	603.9	573.3	556.1	550.8	549.3	551.6	549.3
35°	863.2	822.9	733.9	654.0	591.9	553.1	533.6	527.7	523.2	521.7	520.2
37.5°	901.4	852.8	743.7	650.2	580.0	531.4	510.5	497.8	492.5	491.0	491.0
40°	938.7	881.9	755.6	644.3	565.8	509.7	479.8	465.6	463.4	463.4	463.4
42.5°	985.8	920.0	772.1	640.5	548.6	488.0	446.9	430.5	430.5	430.5	429.8
45°	1044.1	970.1	793.0	639.0	532.1	461.9	411.8	390.1	389.4	388.6	387.9
47.5°	1112.1	1022.4	813.2	635.3	512.7	430.5	371.5	347.5	342.3	340.8	338.6
50°	1182.4	1079.2	834.8	630.1	489.5	393.9	333.3	305.7	294.5	290.7	292.2
52.5°	1257.1	1134.5	855.8	622.6	461.9	357.3	294.5	265.3	254.1	249.6	248.9
55°	1330.4	1190.6	875.2	612.9	432.0	319.9	261.6	233.2	223.5	222.0	222.0
57.5°	1404.4	1244.4	890.1	598.7	399.1	287.0	233.2	210.0	203.3	206.3	206.3
60°	1471.6	1291.5	897.6	579.2	366.2	257.1	210.8	193.6	190.6	198.1	197.3
62.5°	1532.2	1322.9	893.9	550.8	334.1	231.7	193.6	180.9	181.6	190.6	191.3
65°	1561.3	1328.1	872.2	512.0	298.2	210.0	175.6	163.7	165.2	174.9	177.1
67°	*1554.6*	*1307.9*	*836.3*	*467.9*	*269.1*	*193.6*	*164.4*	*152.5*	*153.2*	*161.4*	*162.2*
67.5°	1547.1	1298.2	826.6	454.4	261.6	190.6	161.4	150.2	151.7	159.2	159.2
70°	1447.7	1199.6	736.9	385.7	226.5	169.7	147.2	139.8	141.3	145.7	145.7
72.5°	1265.3	1038.9	596.4	309.4	192.1	150.2	133.0	128.6	128.6	128.6	124.8
75°	807.2	651.0	390.1	236.9	158.4	128.6	119.6	114.4	111.4	115.8	114.4
77.5°	446.2	340.1	203.3	136.0	114.4	106.9	103.9	101.6	100.9	111.4	108.4
80°	211.5	168.2	114.4	77.7	65.8	79.2	89.7	88.2	105.4	144.2	145.0
82.5°	67.3	55.3	46.3	42.6	44.1	56.8	69.5	80.0	136.8	154.7	152.5
85°	8.2	7.5	5.2	17.2	29.1	41.9	53.8	103.9	125.6	104.6	98.7
87.5°	3.0	3.0	3.0	12.0	22.4	32.1	48.6	104.6	77.0	70.3	64.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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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: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

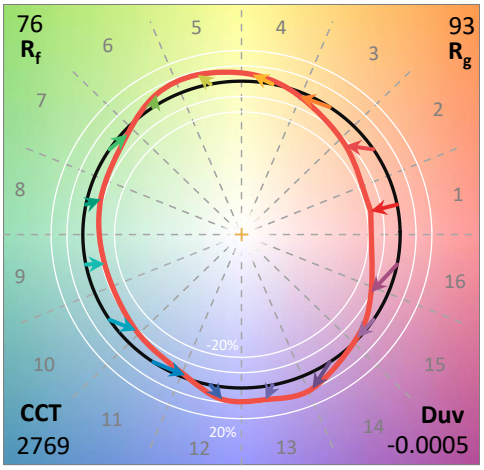
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-3
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-727-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2769
CIE u':	0.2596
CIE v':	0.5253
Duv:	-0.0005
CIE x:	0.4535
CIE y:	0.4078
CIE z:	0.1387
Peak Wavelength (nm):	597
Dominant Wavelength (nm):	584
Purity:	58.54014
Rf:	75.7
Rg:	93.2

CRI (Ra):	71.7				
R1:	68.0	R9:	-34.5		
R2:	84.0	R10:	64.3		
R3:	94.6	R11:	60.9		
R4:	65.9	R12:	54.4		
R5:	67.3	R13:	71.2		
R6:	78.7	R14:	97.6		
R7:	75.2	R15:	59.5		
R8:	39.8				



Test Conditions

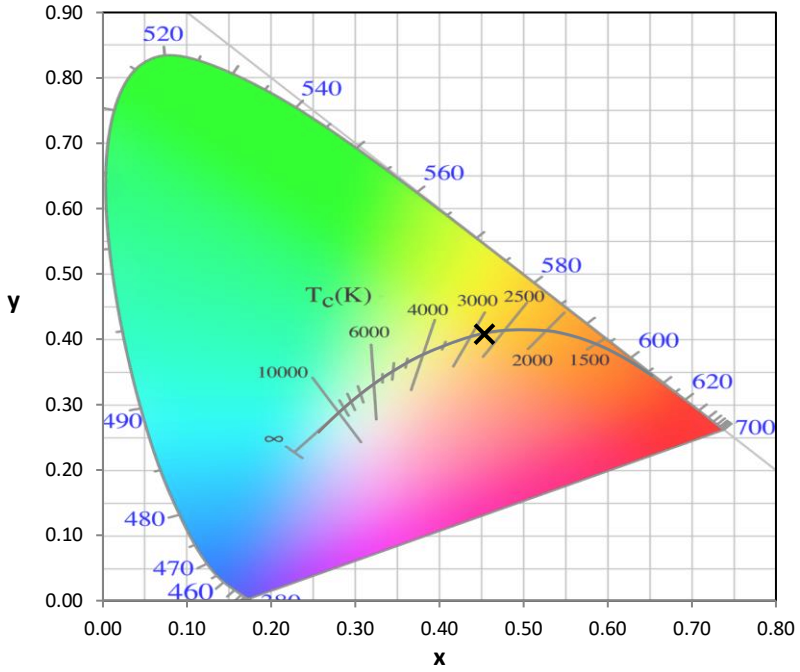
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP2-2501-321-3

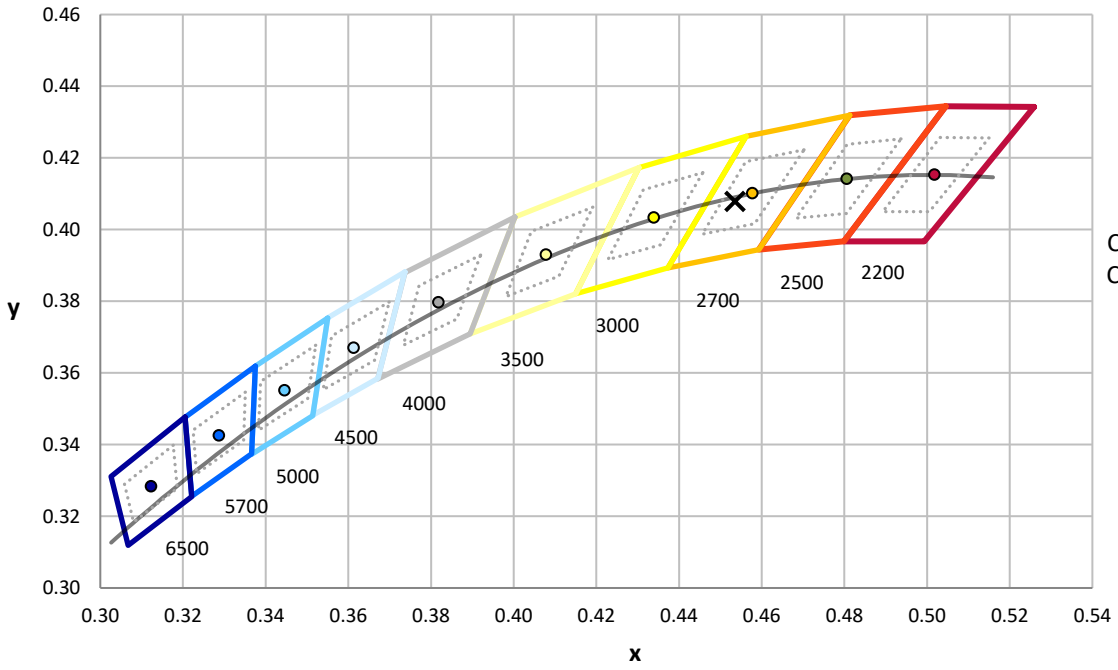
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-3

CIE 1931 Chromaticity Diagram



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

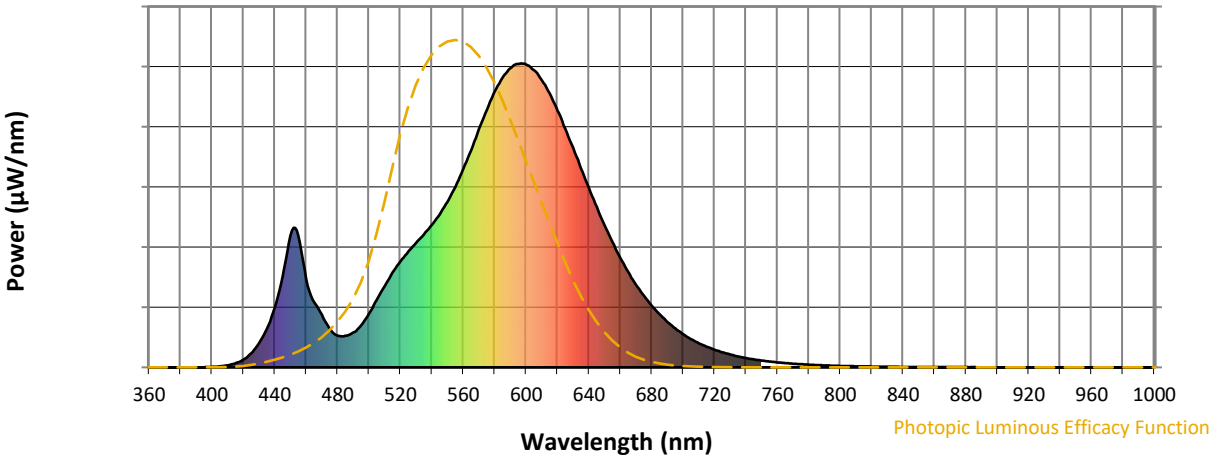


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-3

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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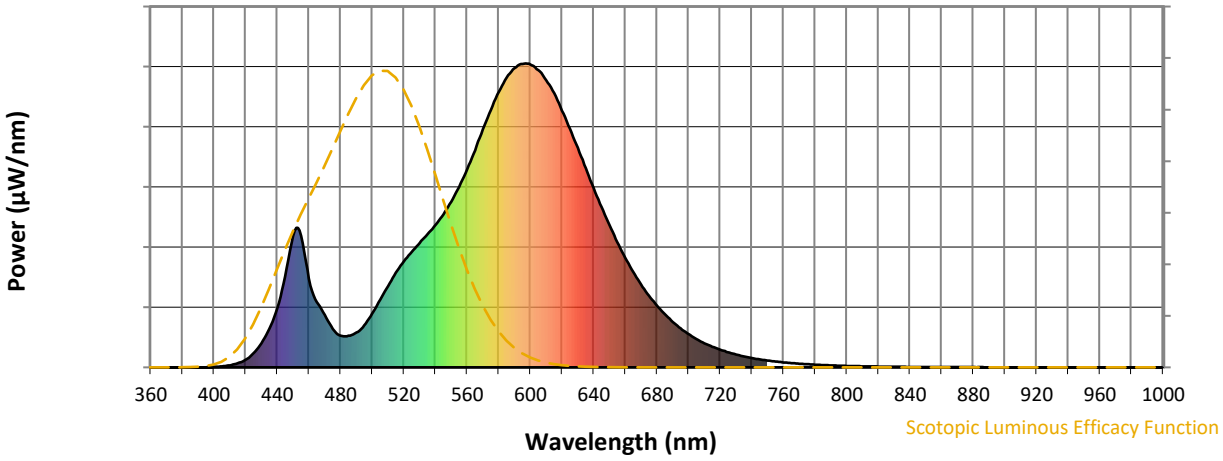
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.14**

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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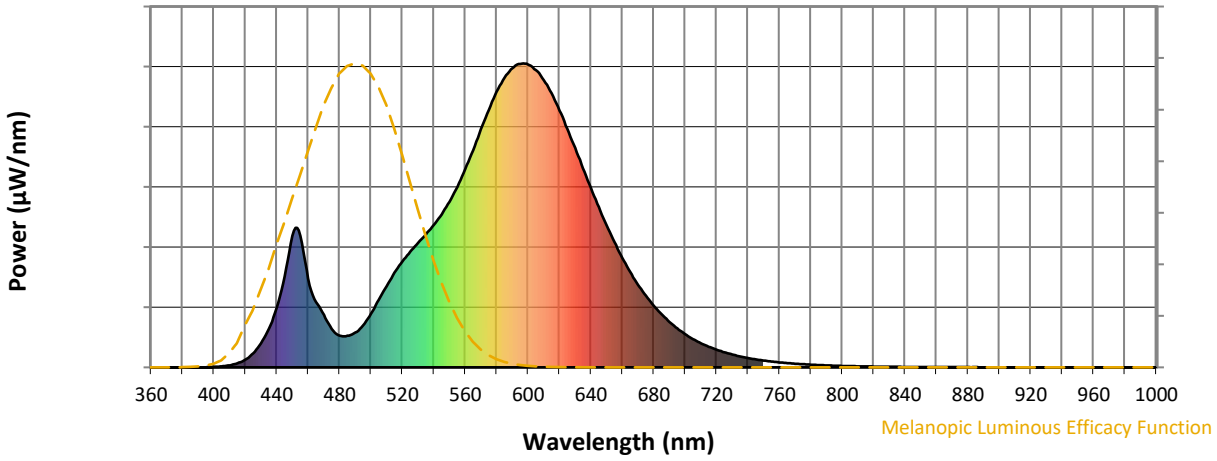
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.08**

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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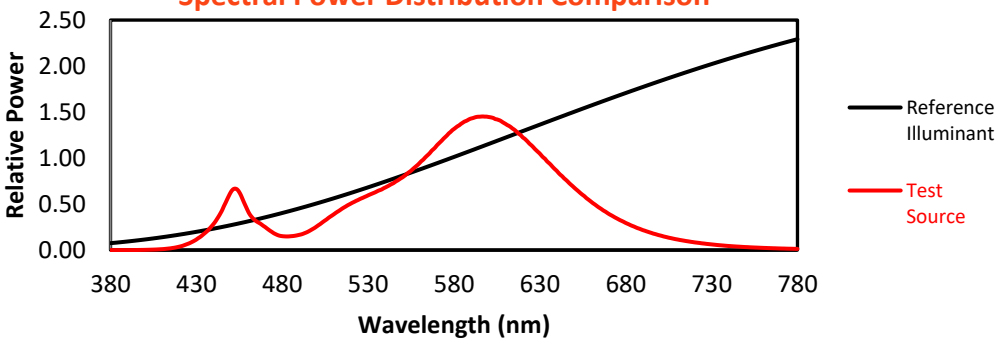
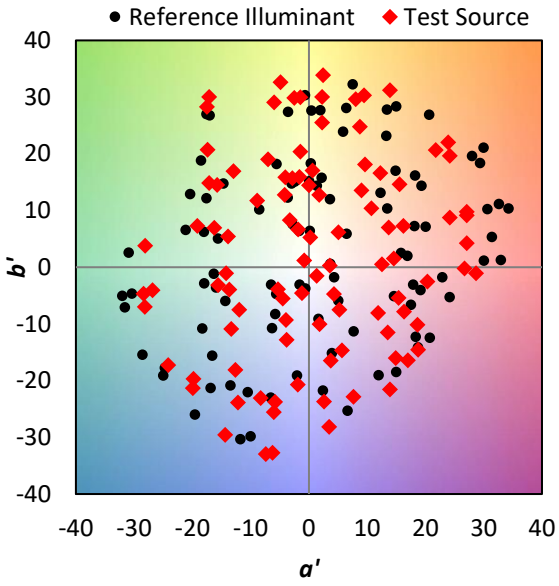
Summary

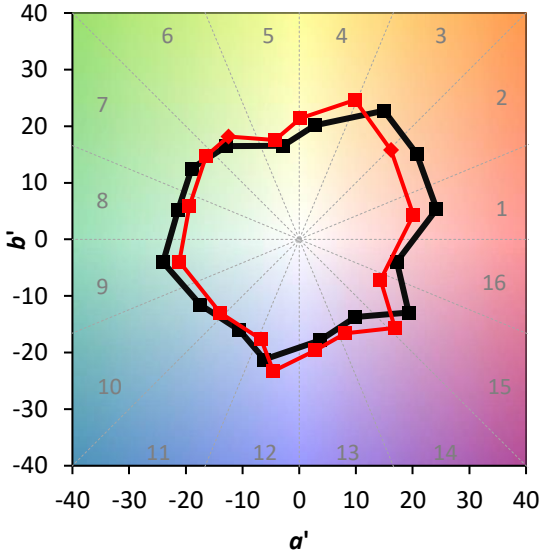
R_f = 75.7
R_g = 93.2
CIE R_a = 71.7
R_9 = -34.5

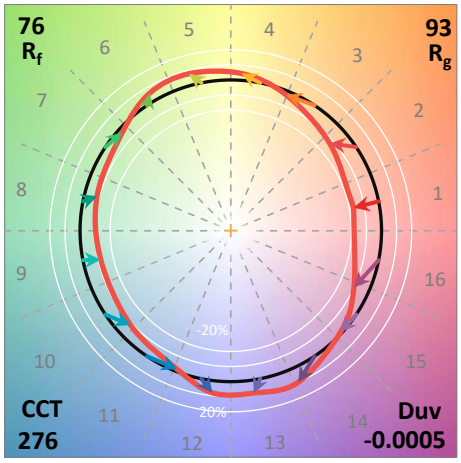
Spectral Power Distribution Comparison

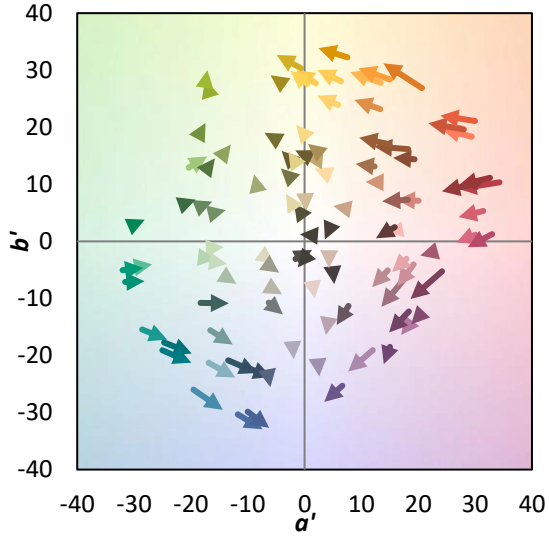


Color Vector Graphics









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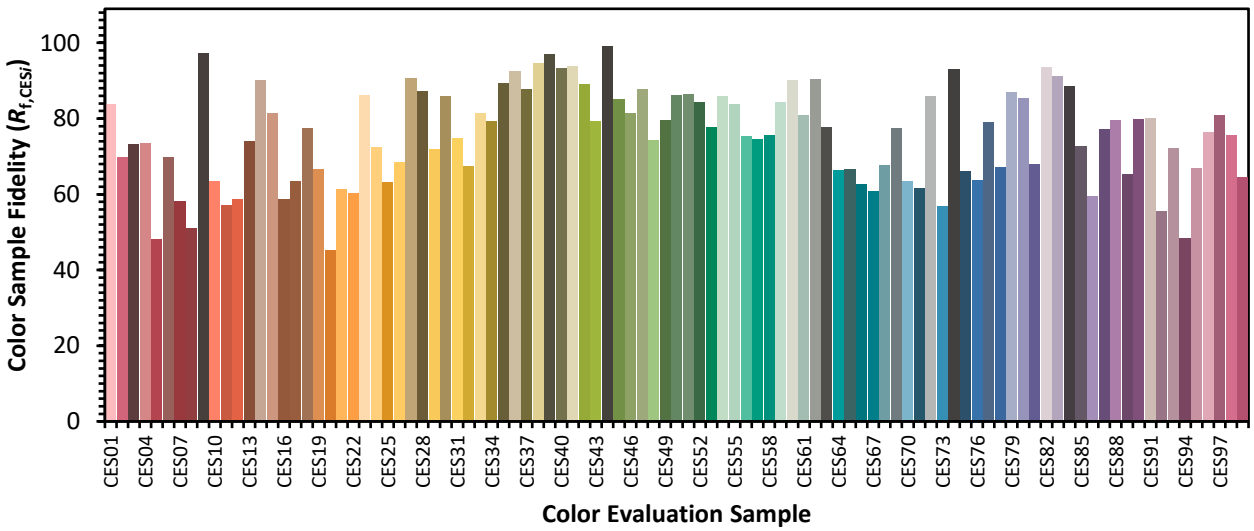
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



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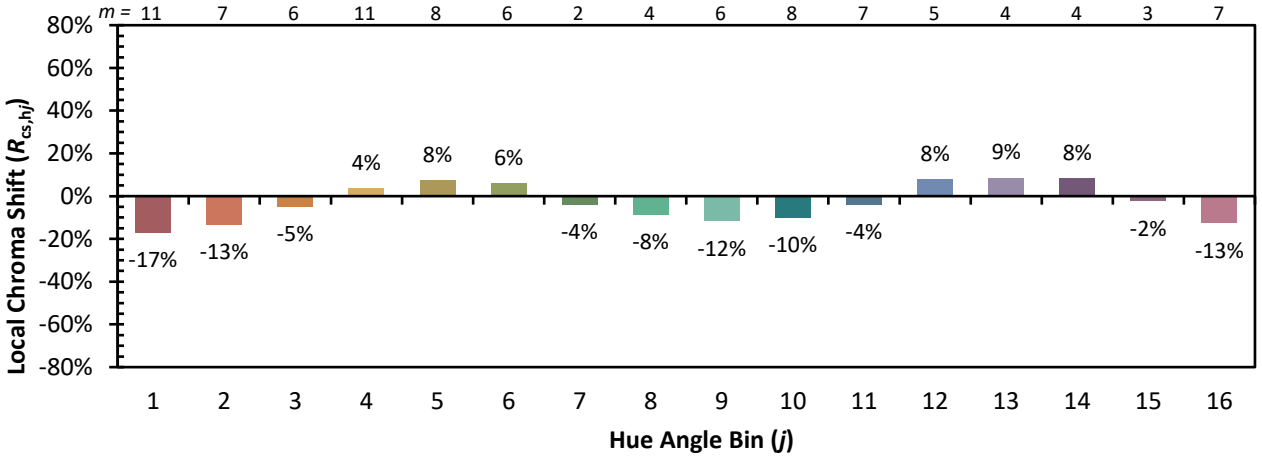
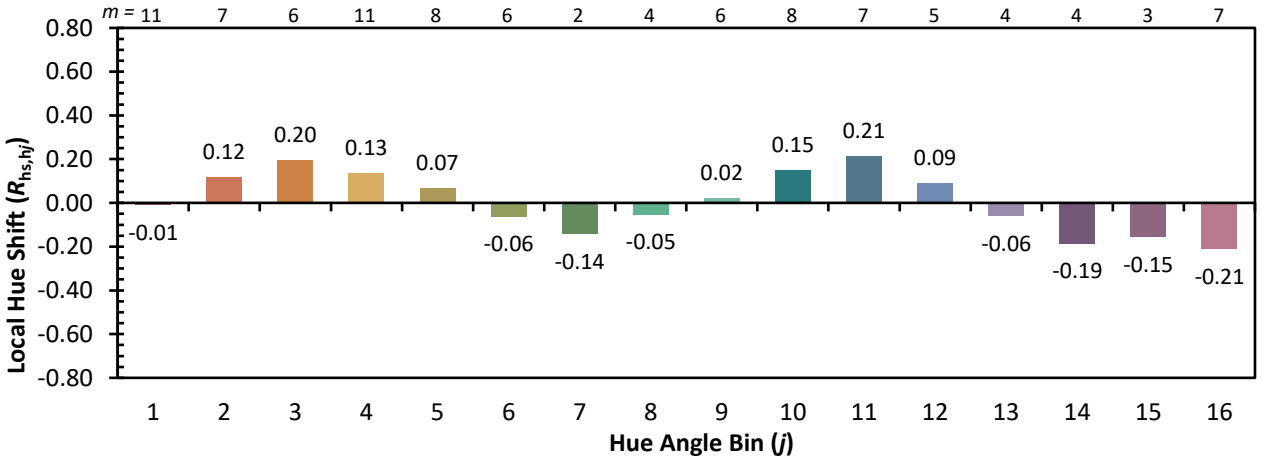
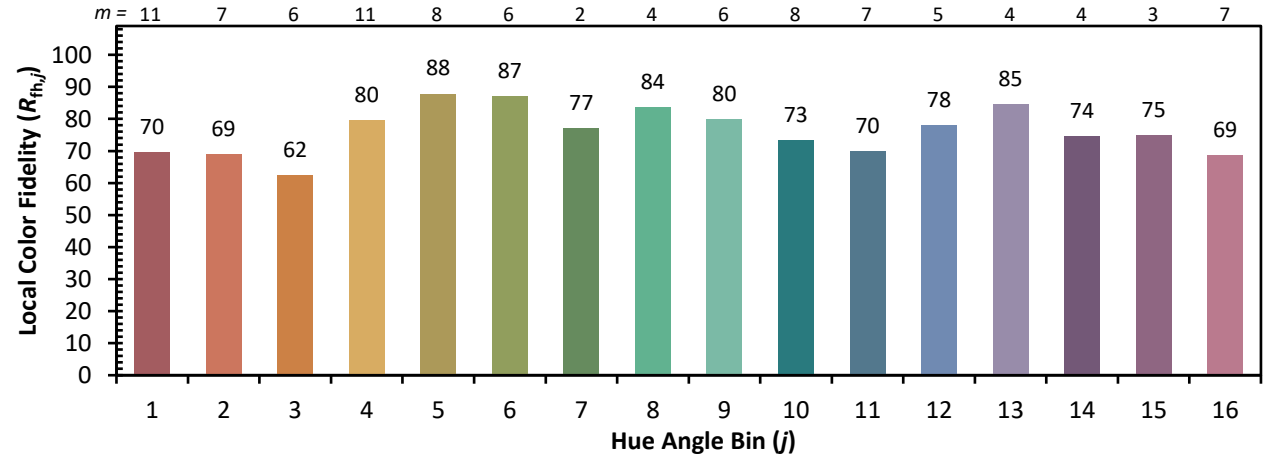
Color Rendition by Hue-Angle Bin







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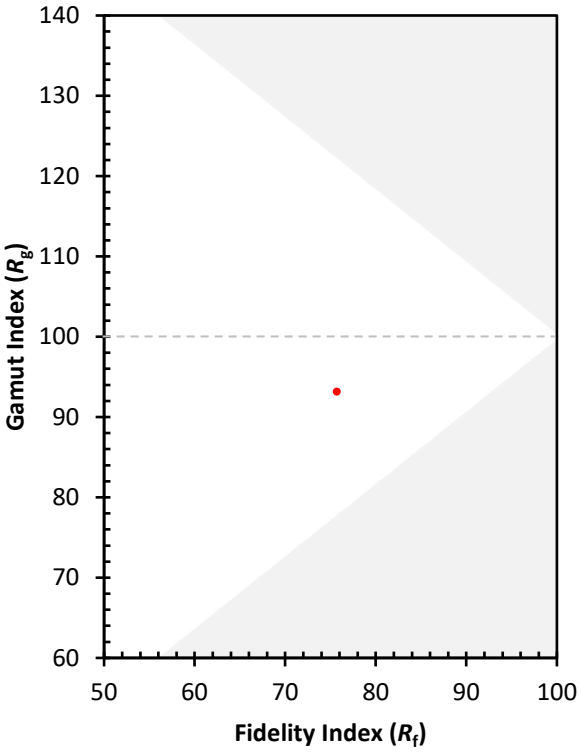
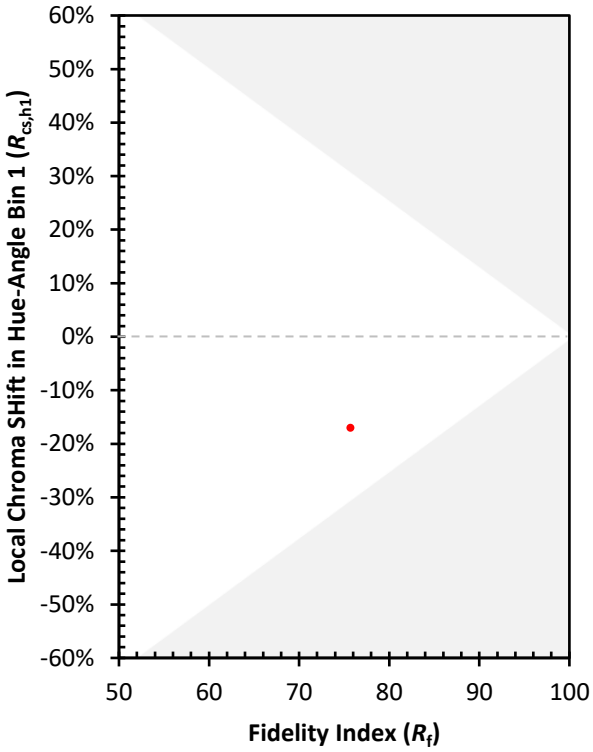
Measure Comparisons





(END OF REPORT)