

Signify Classified - Internal
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: LUMARK

Report Number: P1449772

Luminaire Tested: **AXCS3A-GRF-W**

Issue Date: 5/12/2026

Test Information

Test Method: LM-79-08
Report Number: P1449772
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1901-095-1)
Test Lab: INNOVATION CENTER
Issue Date: 5/12/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: AXCS3A-GRF-W
Description: 3A AXCENT LED FULL CUTOFF WALLPACK WITH 3000K 80CRI LEDS AND GLARE REDUCTING LENS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2888 lumens
Efficiency: N/A
Efficacy: 125.6 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B1 - U0 - G1

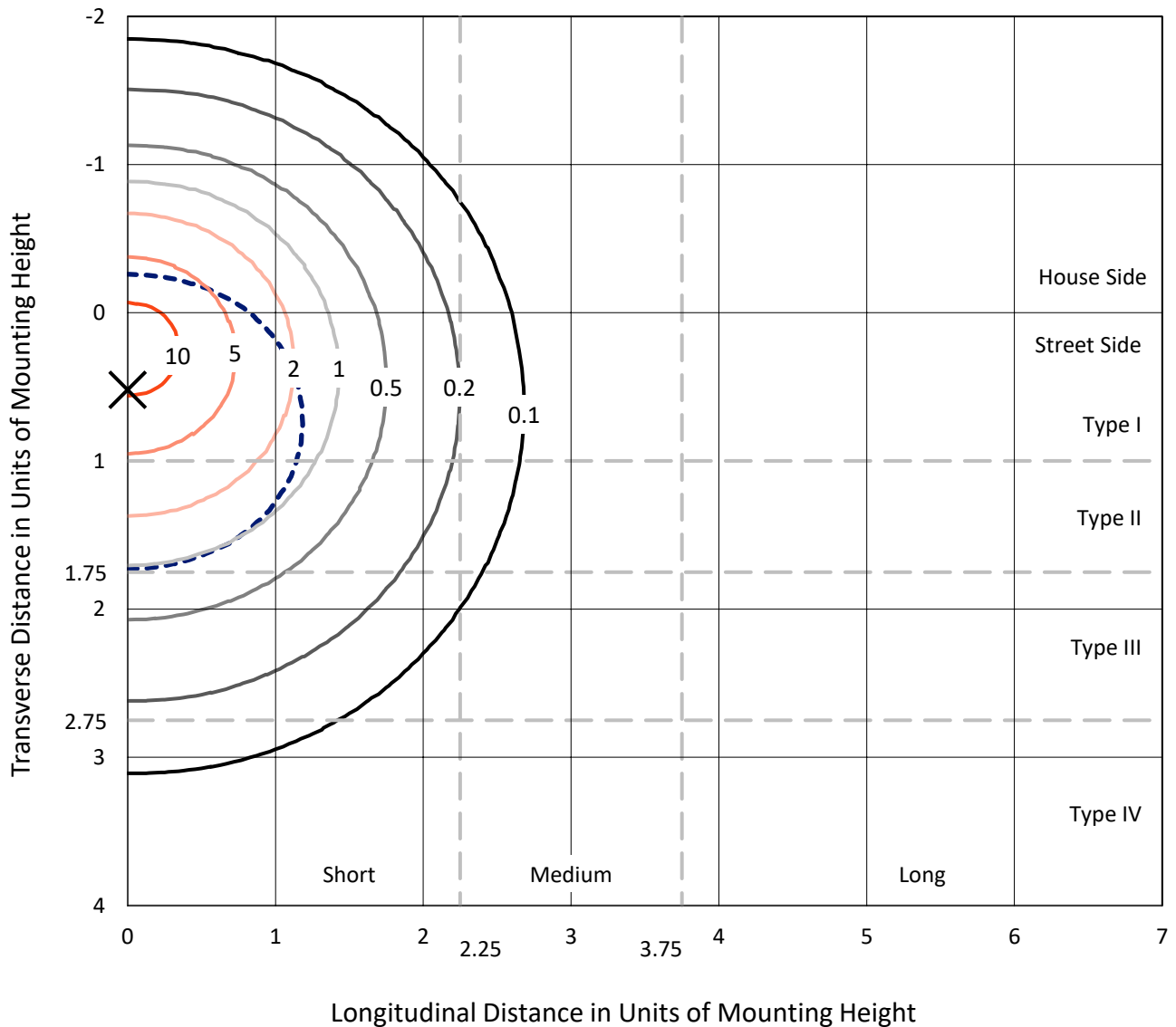
Input Watts (W): 23
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P1449772
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Iso-Footcandle Lines of Horizontal Illumination

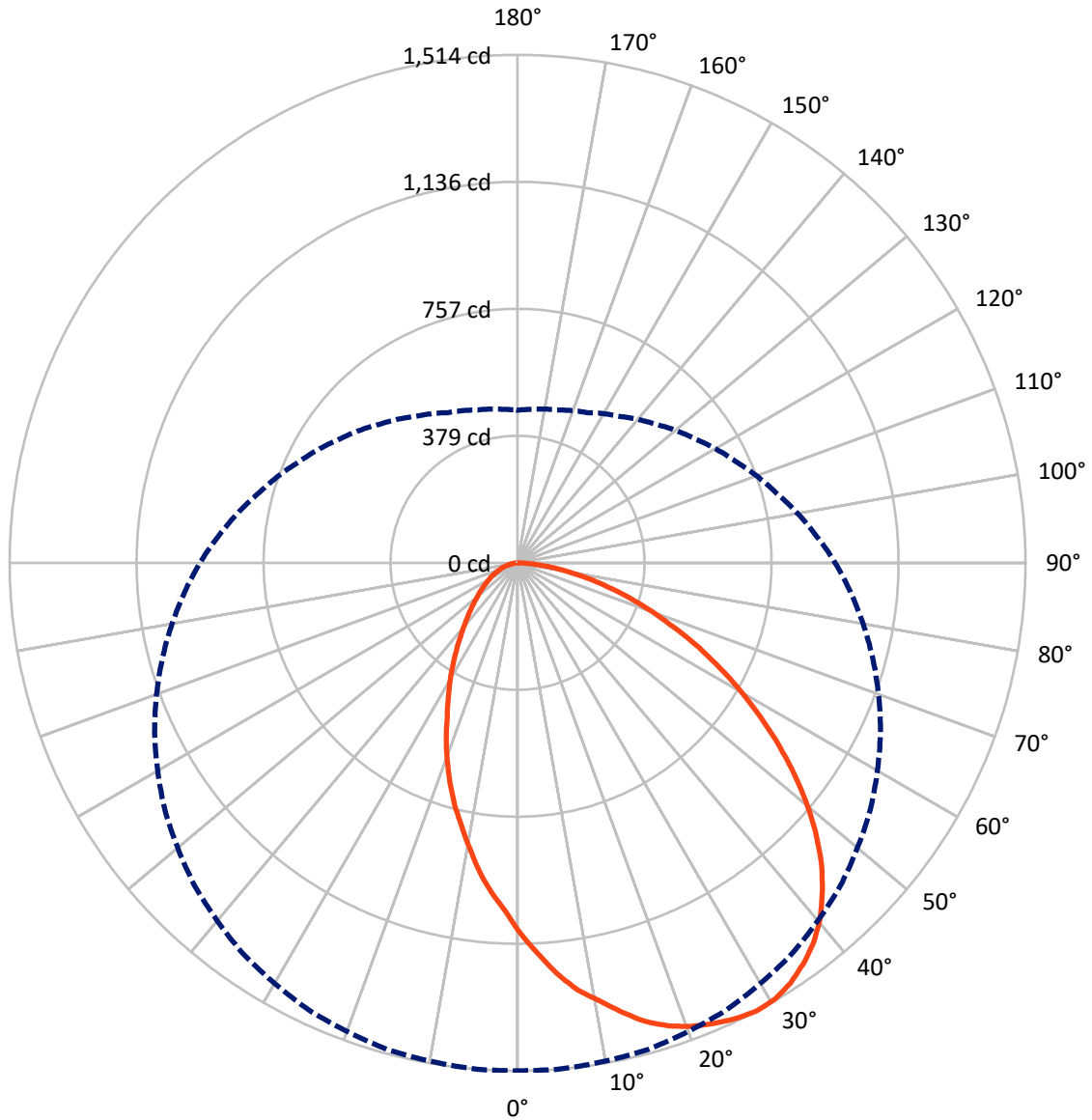
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.8 fc
 Type II - Short - N/A

REPORT NUMBER: P1449772
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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 27.5-Deg Vertical

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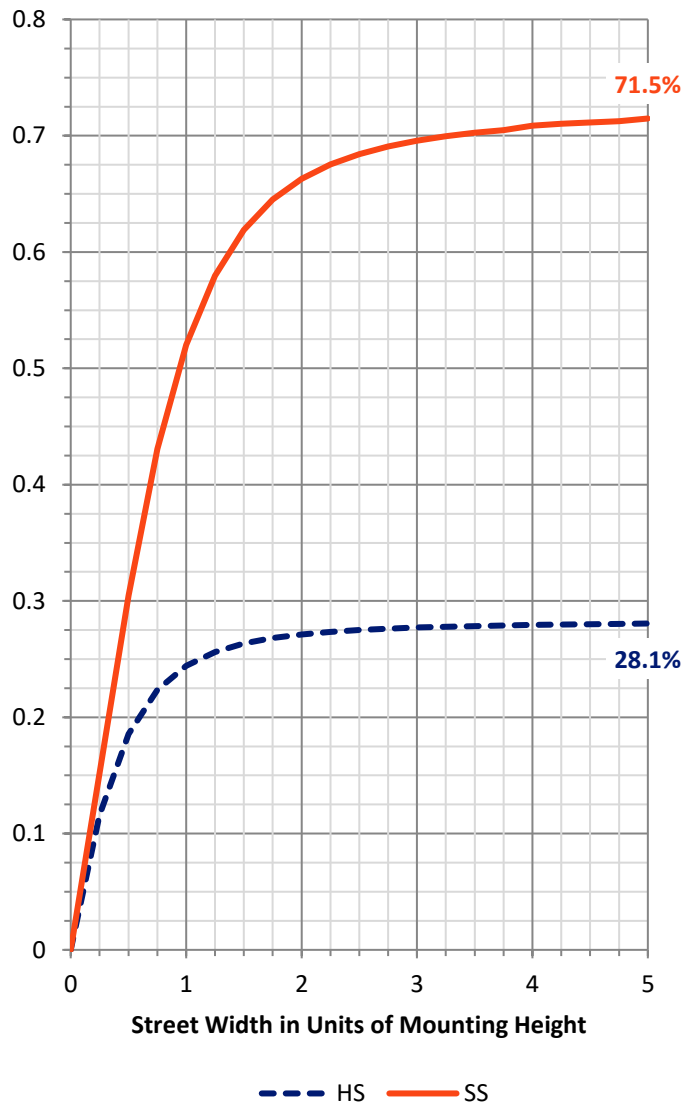
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	817.1	0.0	817.1
	% Fixture	28.3	0.0	28.3
Street Side	Lumens	2070.9	0.0	2070.9
	% Fixture	71.7	0.0	71.7
Total	Lumens	2888.0	0.0	2888.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	105.0	3.6
10°-20°	302.6	10.5
20°-30°	457.6	15.8
30°-40°	542.7	18.8
40°-50°	538.8	18.7
50°-60°	448.0	15.5
60°-70°	306.3	10.6
70°-80°	154.8	5.4
80°-90°	32.2	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°	2888.0	100.0
0°-180°	2888.0	100.0

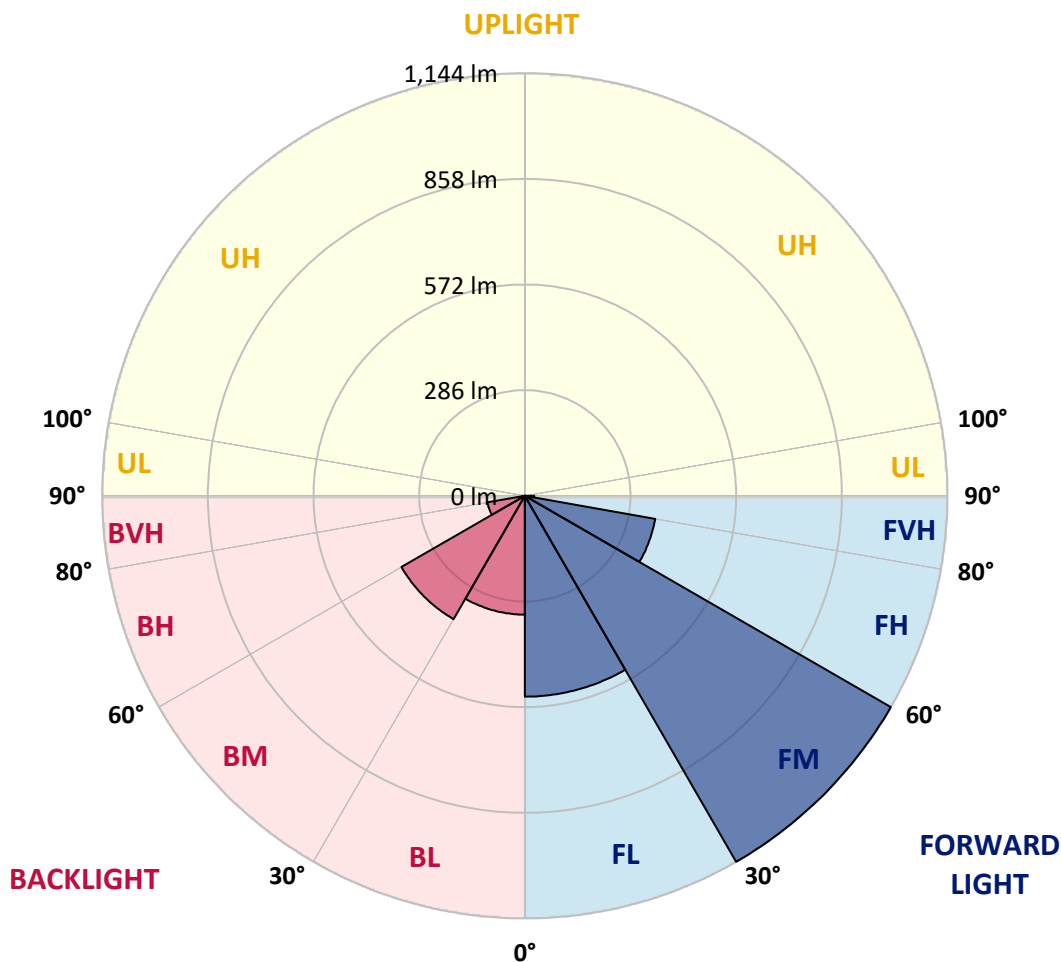


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	543.6	18.8			
FM (30°-60°)	1144.0	39.6			
FH (60°-80°)	358.3	12.4			G0/660
FVH (80°-90°)	25.0	0.9			G1/100
BL (0°-30°)	321.6	11.1	B1/500		
BM (30°-60°)	385.6	13.4	B1/1000		
BH (60°-80°)	102.8	3.6	B0/110		G0/110
BVH (80°-90°)	7.1	0.2			G0/10
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 Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2
2.5°	1167.5	1163.4	1157.3	1155.2	1149.1	1143.0	1136.9	1128.7	1120.5	1112.4	1106.2
5°	1230.7	1224.6	1216.5	1208.3	1200.1	1187.9	1171.5	1155.2	1136.9	1118.5	1108.3
7.5°	1285.8	1279.7	1269.5	1259.3	1243.0	1226.7	1202.2	1175.6	1147.1	1120.5	1104.2
10°	1326.7	1322.6	1312.4	1298.1	1277.7	1253.2	1222.6	1185.8	1149.1	1110.3	1091.9
12.5°	1373.6	1367.5	1357.3	1338.9	1312.4	1281.8	1243.0	1200.1	1153.2	1104.2	1079.7
15°	1418.5	1414.4	1402.2	1381.8	1353.2	1314.4	1267.5	1214.4	1157.3	1100.1	1069.5
17.5°	1451.2	1449.1	1438.9	1414.4	1381.8	1334.8	1281.8	1220.5	1155.2	1087.9	1053.2
20°	1475.7	1475.7	1463.4	1436.9	1398.1	1349.1	1287.9	1218.5	1145.0	1069.5	1028.7
22.5°	1492.0	1492.0	1479.7	1451.2	1408.3	1355.2	1287.9	1210.3	1128.7	1045.0	1000.1
25°	1506.3	1504.2	1494.0	1463.4	1418.5	1359.3	1287.9	1204.2	1114.4	1020.5	973.6
27.5°	1514.4	1514.4	1502.2	1471.6	1424.6	1361.4	1283.8	1194.0	1096.0	996.0	947.0
30°	1510.4	1508.3	1496.1	1465.5	1416.5	1351.2	1267.5	1171.5	1069.5	963.4	912.3
32.5°	1494.0	1489.9	1477.7	1449.1	1398.1	1330.7	1245.0	1145.0	1038.9	926.6	871.5
35°	1467.5	1467.5	1453.2	1424.6	1375.7	1306.3	1214.4	1114.4	1002.1	887.8	832.7
37.5°	1434.8	1432.8	1418.5	1392.0	1343.0	1273.6	1181.8	1077.7	963.4	845.0	791.9
40°	1389.9	1387.9	1373.6	1347.1	1298.1	1230.7	1138.9	1034.8	918.5	800.1	745.0
42.5°	1332.8	1332.8	1318.5	1294.0	1247.1	1181.8	1091.9	985.8	871.5	753.1	700.1
45°	1269.5	1267.5	1253.2	1230.7	1185.8	1120.5	1034.8	930.7	818.5	704.2	651.1
47.5°	1194.0	1192.0	1179.7	1161.3	1118.5	1059.3	973.6	873.6	763.3	653.1	602.1
50°	1112.4	1110.3	1098.1	1081.7	1043.0	985.8	904.2	810.3	706.2	600.1	553.1
52.5°	1024.6	1024.6	1014.4	998.1	965.4	908.3	832.7	745.0	647.0	547.0	498.0
55°	934.8	934.8	926.6	912.3	881.7	832.7	763.3	679.7	587.8	489.8	451.1
57.5°	842.9	842.9	836.8	824.6	796.0	751.1	689.9	612.3	526.6	442.9	406.2
60°	753.1	753.1	747.0	736.8	712.3	669.5	612.3	547.0	467.4	391.9	359.2
62.5°	663.3	665.4	659.3	651.1	630.7	591.9	542.9	477.6	412.3	344.9	316.4
65°	577.6	579.7	575.6	565.4	549.0	512.3	469.4	418.4	359.2	300.0	275.5
67.5°	489.8	491.9	493.9	481.7	467.4	438.8	404.1	357.2	308.2	259.2	236.8
70°	412.3	414.3	414.3	406.2	393.9	369.4	336.8	300.0	259.2	216.3	200.0
72.5°	336.8	338.8	340.9	334.7	322.5	302.1	277.6	247.0	212.3	177.6	163.3
75°	267.4	271.5	269.4	263.3	255.1	238.8	220.4	193.9	167.4	140.8	128.6
77.5°	202.1	204.1	204.1	200.0	193.9	183.7	167.4	147.0	126.5	108.2	98.0
80°	142.9	142.9	144.9	142.9	136.7	126.5	116.3	104.1	89.8	77.6	69.4
82.5°	89.8	91.8	91.8	89.8	85.7	81.6	71.4	63.3	55.1	49.0	42.9
85°	44.9	46.9	46.9	44.9	44.9	40.8	36.7	30.6	26.5	24.5	20.4
87.5°	14.3	14.3	12.2	14.3	14.3	12.2	10.2	8.2	8.2	6.1	6.1
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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 CATALOG NUMBER: AXCS3A-GRF-W

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2	1106.2
2.5°	1100.1	1087.9	1077.7	1065.4	1057.3	1049.1	1045.0	1038.9	1038.9	1038.9
5°	1096.0	1075.6	1055.2	1034.8	1018.5	1004.2	996.0	987.9	983.8	985.8
7.5°	1085.8	1055.2	1026.6	998.1	975.6	955.2	940.9	930.7	924.6	928.7
10°	1069.5	1028.7	989.9	955.2	924.6	900.1	881.7	869.5	861.3	863.4
12.5°	1053.2	1004.2	955.2	916.4	877.6	847.0	824.6	812.3	802.1	802.1
15°	1038.9	977.7	924.6	875.6	832.7	798.0	771.5	757.2	747.0	747.0
17.5°	1018.5	949.1	885.8	832.7	783.8	745.0	714.4	698.0	687.8	687.8
20°	989.9	912.3	845.0	785.8	730.7	689.9	655.2	638.8	626.6	626.6
22.5°	959.3	875.6	800.1	734.8	677.6	632.7	598.0	579.7	567.4	567.4
25°	928.7	838.9	757.2	689.9	630.7	583.7	545.0	522.5	508.2	506.2
27.5°	896.0	800.1	716.4	645.0	583.7	532.7	493.9	471.5	459.2	455.1
30°	857.2	757.2	671.5	596.0	530.7	481.7	444.9	422.5	410.2	410.2
32.5°	818.5	714.4	626.6	551.1	481.7	436.8	400.0	377.6	365.3	365.3
35°	775.6	671.5	581.7	502.1	438.8	393.9	359.2	336.8	324.5	324.5
37.5°	732.7	630.7	536.8	461.3	402.1	355.1	320.4	300.0	289.8	287.8
40°	687.8	585.8	491.9	420.5	363.3	318.4	287.8	267.4	257.2	255.1
42.5°	642.9	540.9	451.1	381.7	326.6	285.7	257.2	236.8	228.6	226.6
45°	596.0	496.0	412.3	347.0	293.9	257.2	228.6	212.3	204.1	202.1
47.5°	551.1	453.1	375.5	314.3	265.3	230.6	204.1	187.8	179.6	179.6
50°	496.0	412.3	338.8	283.7	238.8	206.1	181.7	167.4	161.2	159.2
52.5°	451.1	373.5	306.2	255.1	214.3	183.7	163.3	149.0	142.9	142.9
55°	410.2	336.8	275.5	228.6	189.8	165.3	144.9	134.7	126.5	126.5
57.5°	365.3	300.0	247.0	204.1	171.4	147.0	130.6	118.4	112.3	112.3
60°	326.6	267.4	218.4	181.7	151.0	128.6	114.3	106.1	100.0	100.0
62.5°	287.8	234.7	191.9	159.2	132.7	114.3	100.0	91.8	87.8	87.8
65°	249.0	204.1	167.4	138.8	116.3	100.0	87.8	79.6	77.6	75.5
67.5°	214.3	177.6	144.9	120.4	100.0	85.7	75.5	69.4	65.3	65.3
70°	179.6	149.0	122.5	102.1	85.7	73.5	65.3	59.2	57.1	55.1
72.5°	149.0	122.5	100.0	83.7	69.4	61.2	53.1	49.0	46.9	46.9
75°	118.4	98.0	79.6	67.4	57.1	46.9	42.9	38.8	36.7	36.7
77.5°	89.8	73.5	61.2	51.0	42.9	36.7	32.7	30.6	28.6	26.5
80°	63.3	51.0	42.9	36.7	30.6	26.5	22.5	20.4	20.4	20.4
82.5°	38.8	32.7	26.5	22.5	18.4	16.3	14.3	12.2	12.2	12.2
85°	20.4	16.3	12.2	10.2	8.2	8.2	6.1	6.1	6.1	6.1
87.5°	6.1	4.1	4.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Lumark

Report Number: SP1-2512-637-1

Test Date: 01/12/2026

Luminaire Tested: AXCS4A-W

Data in this report applies to families of products including AXCS4A-W

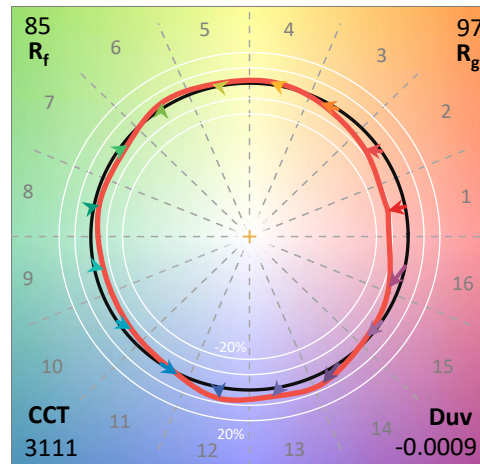
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2512-637-1
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 01/13/2026
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Lumark
 Catalog Number: **AXCS4A-W**
 Description: 4A AXCENT SMALL WALLPACK, FULL CUTOFF, 3000K

Spectral Parameters

CCT (K): 3111
 CIE u': 0.2472
 CIE v': 0.5179
 Duv: -0.0009
 CIE x: 0.4280
 CIE y: 0.3986
 CIE z: 0.1733
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 582
 Purity: 48.11977
 Rf: 85.3
 Rg: 96.7

CRI (Ra):	83.4		
R1:	82.0	R9:	8.9
R2:	91.4	R10:	80.6
R3:	96.3	R11:	81.8
R4:	81.9	R12:	73.2
R5:	82.5	R13:	84.3
R6:	89.7	R14:	98.6
R7:	83.1	R15:	74.6
R8:	60.2		



Test Conditions

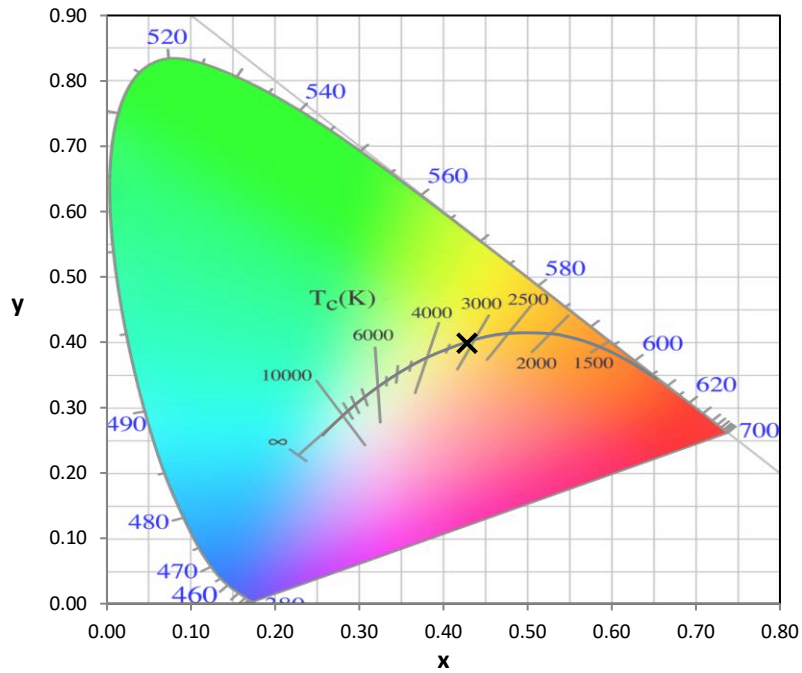
Stabilization Time: 52M
 Operation Time: 1H 52M
 Sphere Temperature (°C): 25.1

REPORT NUMBER: SP1-2512-637-1

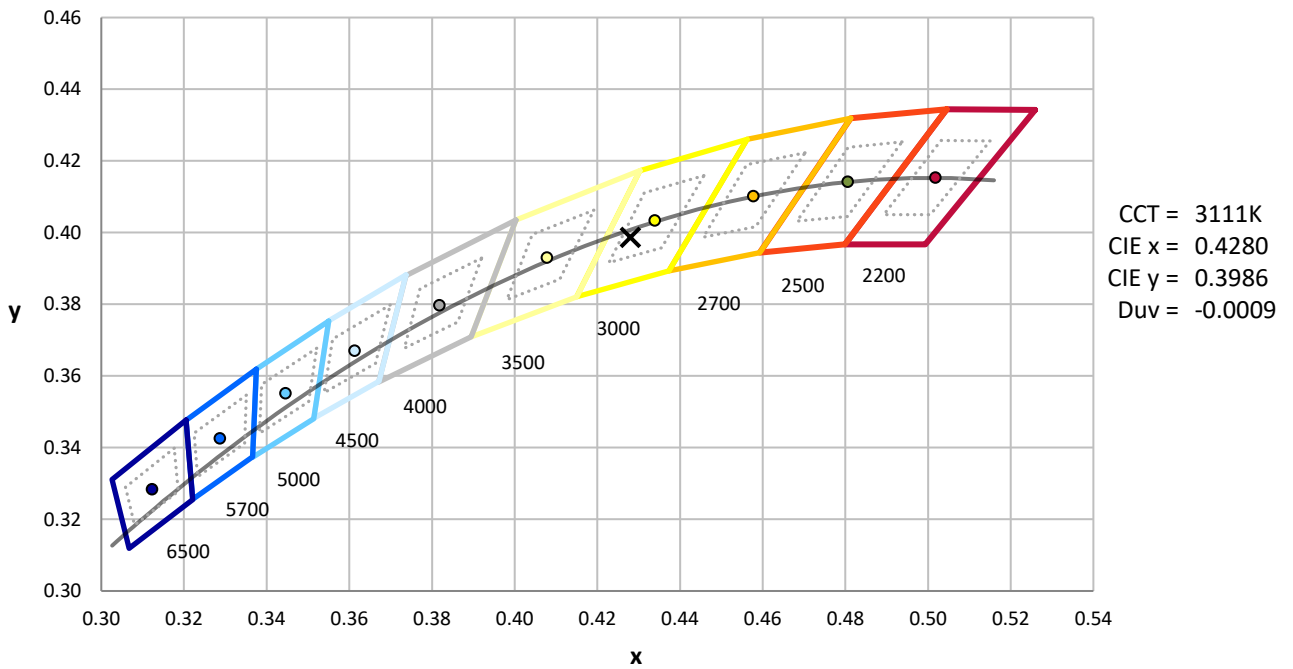
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	12/16/2025	6/16/2026
Power Meter	XITRON INXT2011004	10/21/2025	10/21/2026
AC Power Source	CHROMA 61603 IN0063	10/21/2025	10/21/2026
DC Power Source	AGILENT E3634A IN0208	10/21/2025	10/21/2026
Sphere Thermometer	ONSET IN0085	10/21/2025	10/21/2026
Room Thermometer	ONSET IN0046	10/21/2025	10/21/2026

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CIE 1931 Chromaticity Diagram



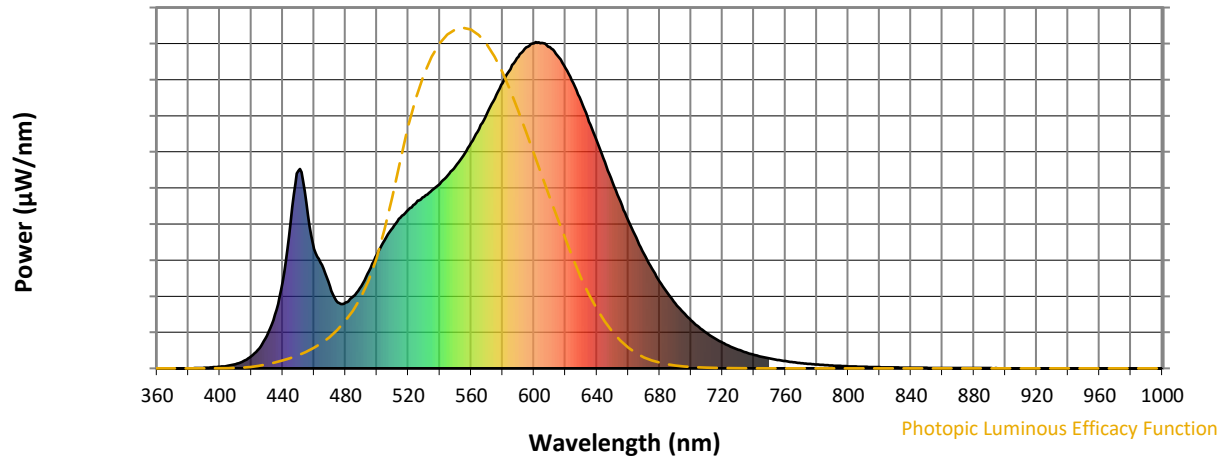
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

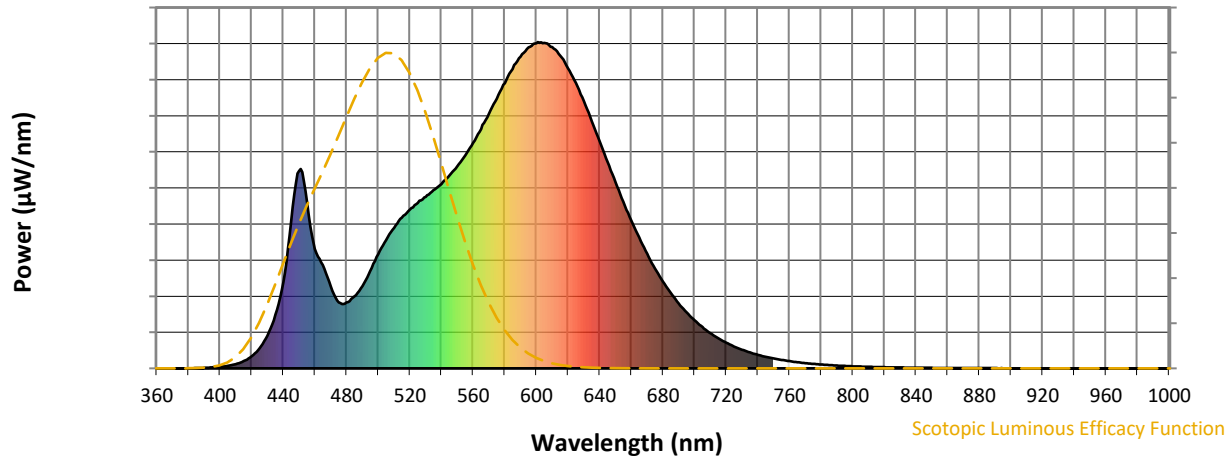


Photopic Lumens: NR

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	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

REPORT NUMBER: SP1-2512-637-1

Scotopic Flux vs. Wavelength



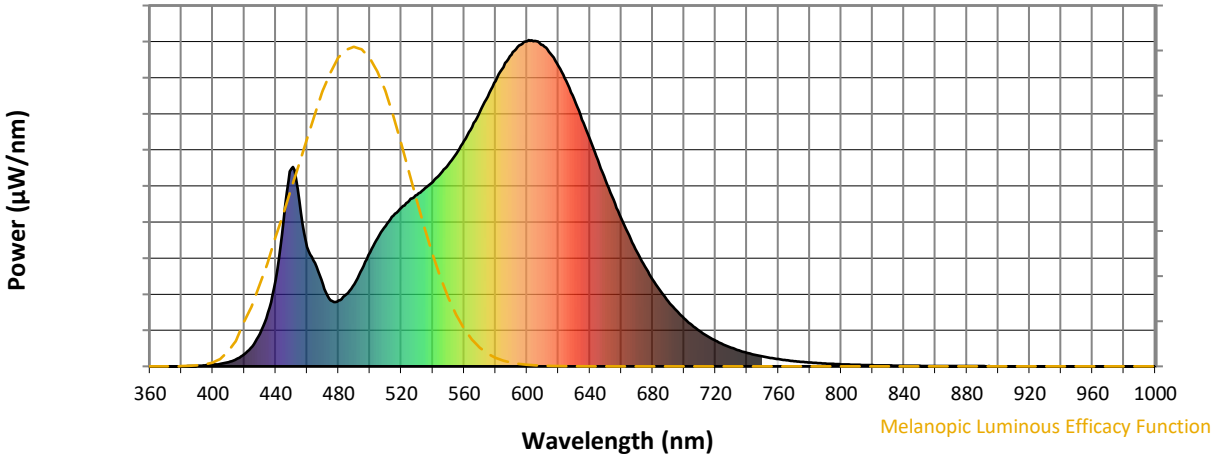
Scotopic Lumens: NR

S/P: 1.4

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	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



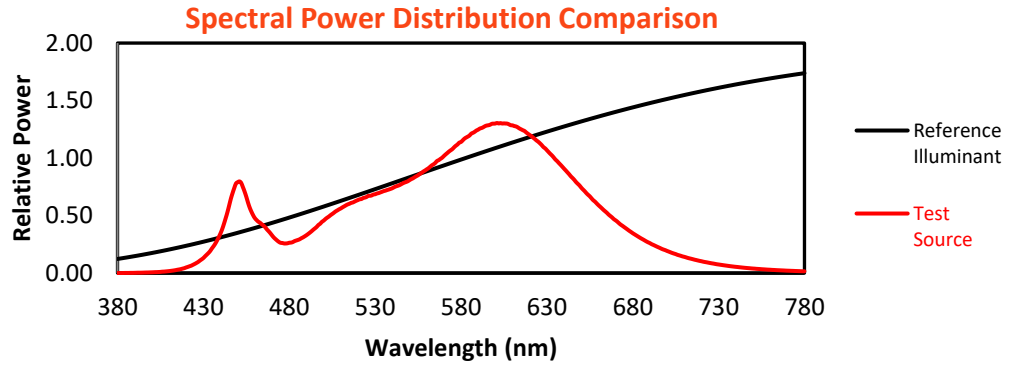
Melanopic Lumens: NR

M/P: 2.73

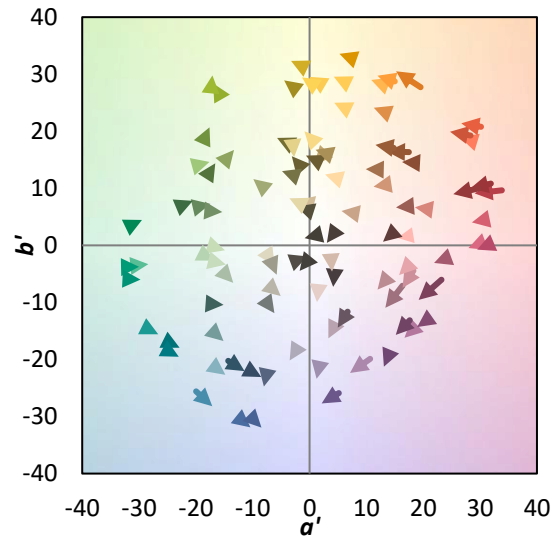
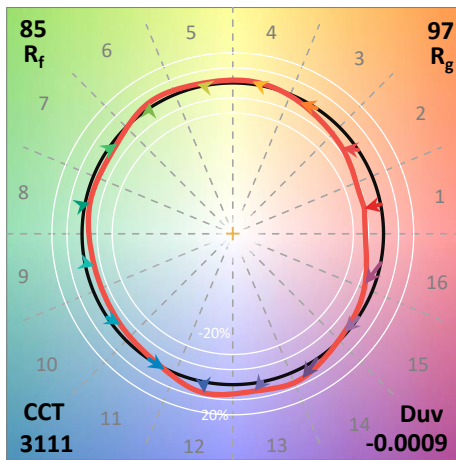
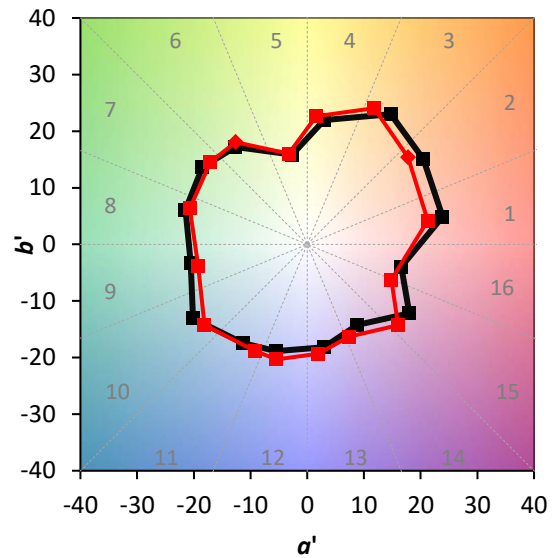
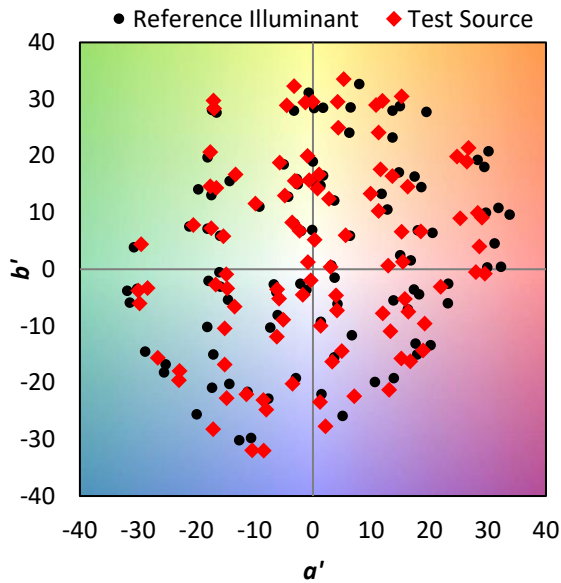
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	252	NR	620	920	NR	750	30	NR	880	1	NR
365	0	NR	495	298	NR	625	875	NR	755	26	NR	885	1	NR
370	0	NR	500	349	NR	630	819	NR	760	22	NR	890	1	NR
375	0	NR	505	394	NR	635	756	NR	765	19	NR	895	0	NR
380	0	NR	510	431	NR	640	696	NR	770	16	NR	900	1	NR
385	1	NR	515	462	NR	645	633	NR	775	14	NR	905	0	NR
390	2	NR	520	487	NR	650	570	NR	780	12	NR	910	0	NR
395	3	NR	525	507	NR	655	511	NR	785	10	NR	915	0	NR
400	5	NR	530	525	NR	660	453	NR	790	9	NR	920	0	NR
405	8	NR	535	546	NR	665	401	NR	795	7	NR	925	0	NR
410	13	NR	540	565	NR	670	352	NR	800	6	NR	930	0	NR
415	22	NR	545	591	NR	675	306	NR	805	6	NR	935	0	NR
420	38	NR	550	619	NR	680	266	NR	810	5	NR	940	0	NR
425	61	NR	555	652	NR	685	230	NR	815	4	NR	945	0	NR
430	100	NR	560	691	NR	690	199	NR	820	4	NR	950	0	NR
435	165	NR	565	734	NR	695	171	NR	825	3	NR	955	0	NR
440	265	NR	570	780	NR	700	147	NR	830	3	NR	960	0	NR
445	450	NR	575	826	NR	705	126	NR	835	2	NR	965	0	NR
450	605	NR	580	874	NR	710	108	NR	840	2	NR	970	0	NR
455	508	NR	585	917	NR	715	92	NR	845	2	NR	975	0	NR
460	366	NR	590	956	NR	720	79	NR	850	2	NR	980	0	NR
465	317	NR	595	983	NR	725	67	NR	855	1	NR	985	0	NR
470	251	NR	600	997	NR	730	57	NR	860	1	NR	990	0	NR
475	202	NR	605	997	NR	735	49	NR	865	1	NR	995	0	NR
480	202	NR	610	984	NR	740	42	NR	870	1	NR	1000	0	NR
485	220	NR	615	958	NR	745	35	NR	875	1	NR			

Summary

$R_f = 85.3$
 $R_g = 96.7$
 $CIE R_a = 83.4$
 $R_9 = 8.9$

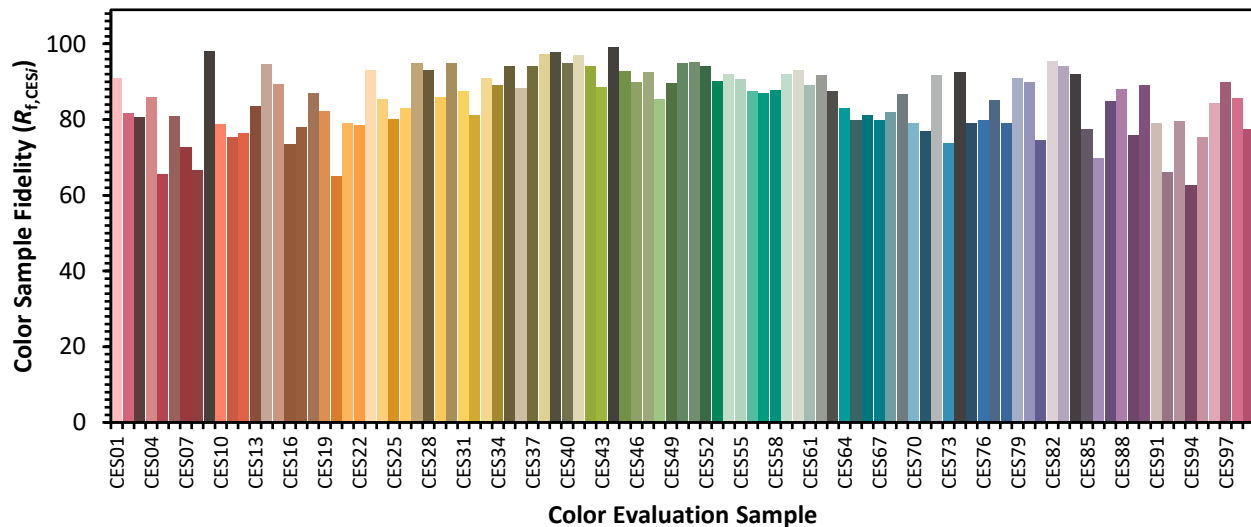


Color Vector Graphics

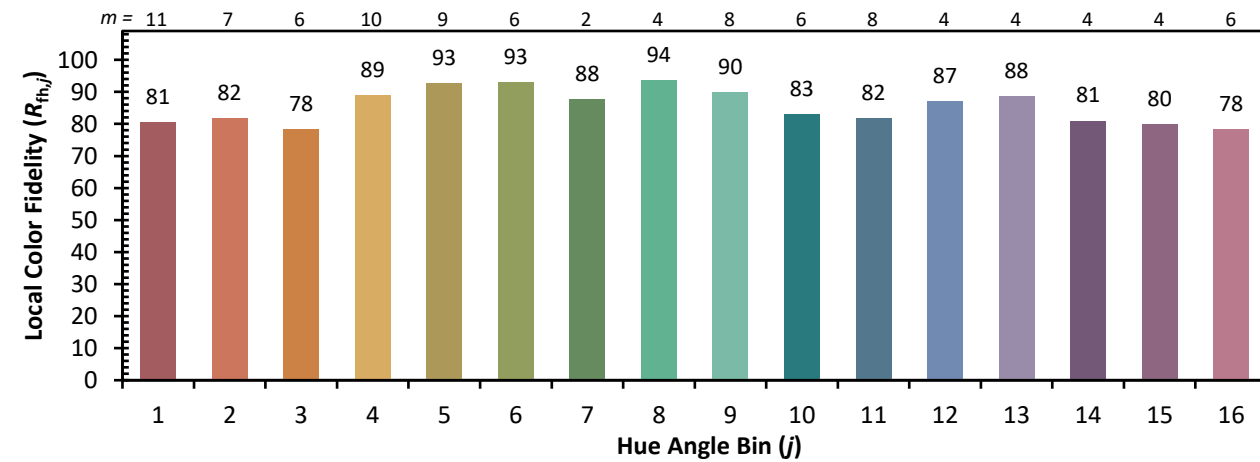
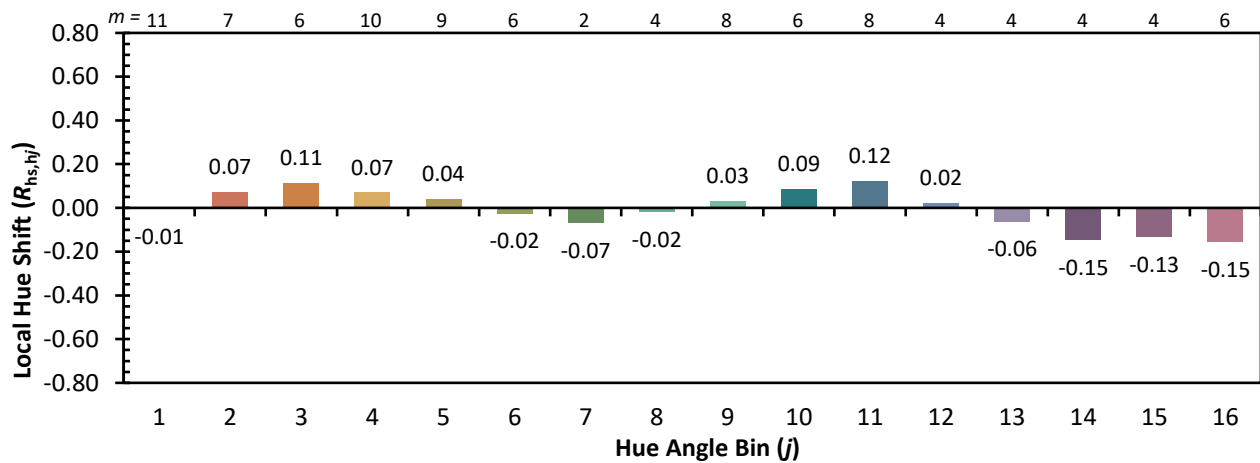
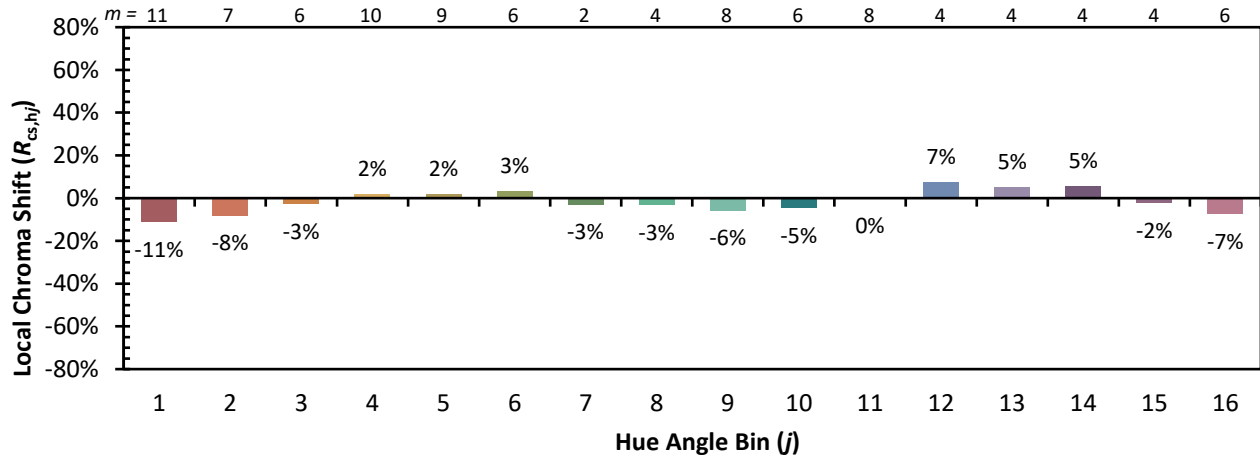


Individual Sample Fidelity Index ($R_{f,i}$)

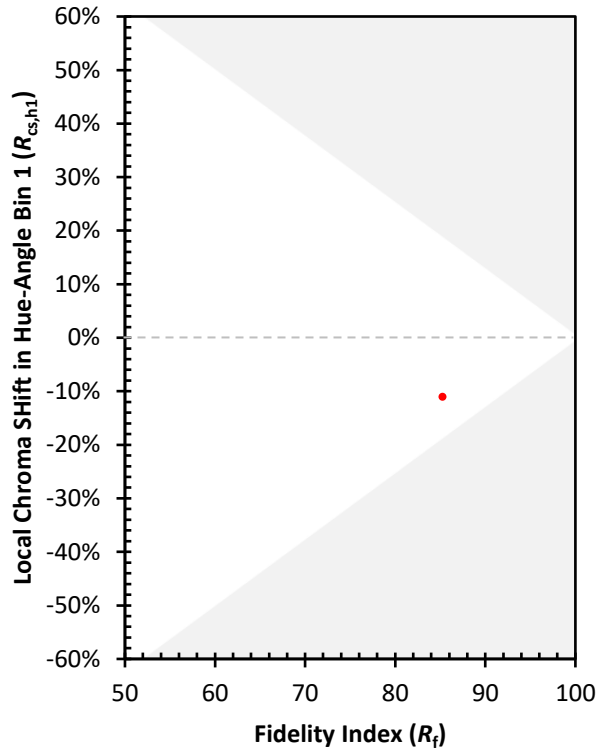
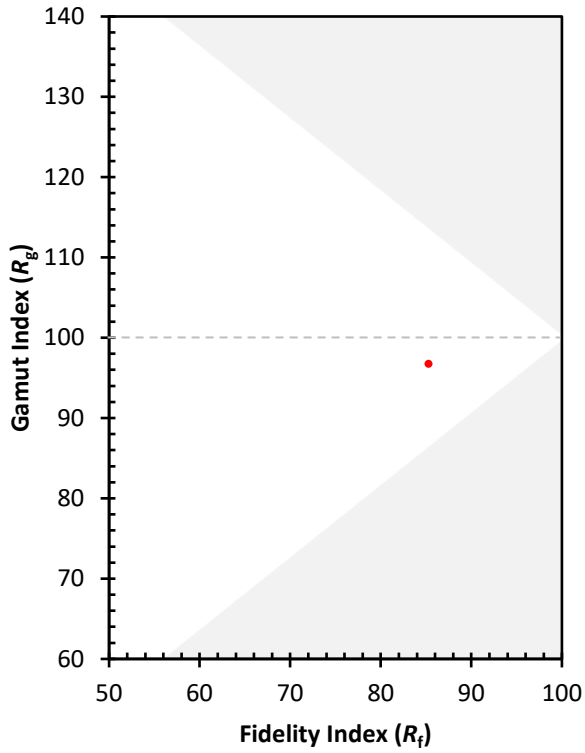
CES01 = 86	CES26 = 83	CES51 = 95	CES76 = 80
CES02 = 63	CES27 = 95	CES52 = 94	CES77 = 85
CES03 = 31	CES28 = 93	CES53 = 90	CES78 = 79
CES04 = 70	CES29 = 86	CES54 = 92	CES79 = 91
CES05 = 49	CES30 = 95	CES55 = 91	CES80 = 90
CES06 = 51	CES31 = 87	CES56 = 88	CES81 = 74
CES07 = 42	CES32 = 81	CES57 = 87	CES82 = 95
CES08 = 41	CES33 = 91	CES58 = 88	CES83 = 94
CES09 = 29	CES34 = 89	CES59 = 92	CES84 = 92
CES10 = 76	CES35 = 94	CES60 = 93	CES85 = 78
CES11 = 59	CES36 = 88	CES61 = 89	CES86 = 70
CES12 = 65	CES37 = 94	CES62 = 92	CES87 = 85
CES13 = 43	CES38 = 97	CES63 = 87	CES88 = 88
CES14 = 74	CES39 = 98	CES64 = 83	CES89 = 76
CES15 = 71	CES40 = 95	CES65 = 80	CES90 = 89
CES16 = 47	CES41 = 97	CES66 = 81	CES91 = 79
CES17 = 50	CES42 = 94	CES67 = 80	CES92 = 66
CES18 = 56	CES43 = 89	CES68 = 82	CES93 = 80
CES19 = 72	CES44 = 99	CES69 = 87	CES94 = 63
CES20 = 66	CES45 = 93	CES70 = 79	CES95 = 75
CES21 = 87	CES46 = 90	CES71 = 77	CES96 = 84
CES22 = 79	CES47 = 93	CES72 = 92	CES97 = 90
CES23 = 92	CES48 = 86	CES73 = 74	CES98 = 86
CES24 = 91	CES49 = 90	CES74 = 93	CES99 = 77
CES25 = 72	CES50 = 95	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)