Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1704728

Luminaire Tested: GSS-SB1A-AMB-U-T4W

Issue Date: 10/28/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1704728
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1A-AMB-U-T4W
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 1SQUARE 36W 1590K FIXTURE w/ T4 WIDE DISTRIBUTION
Light Source:	(26) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2039 lumens
Efficiency:	N/A
Efficacy:	56.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	35.9
Input Voltage (V):	120
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:	28.75 FT

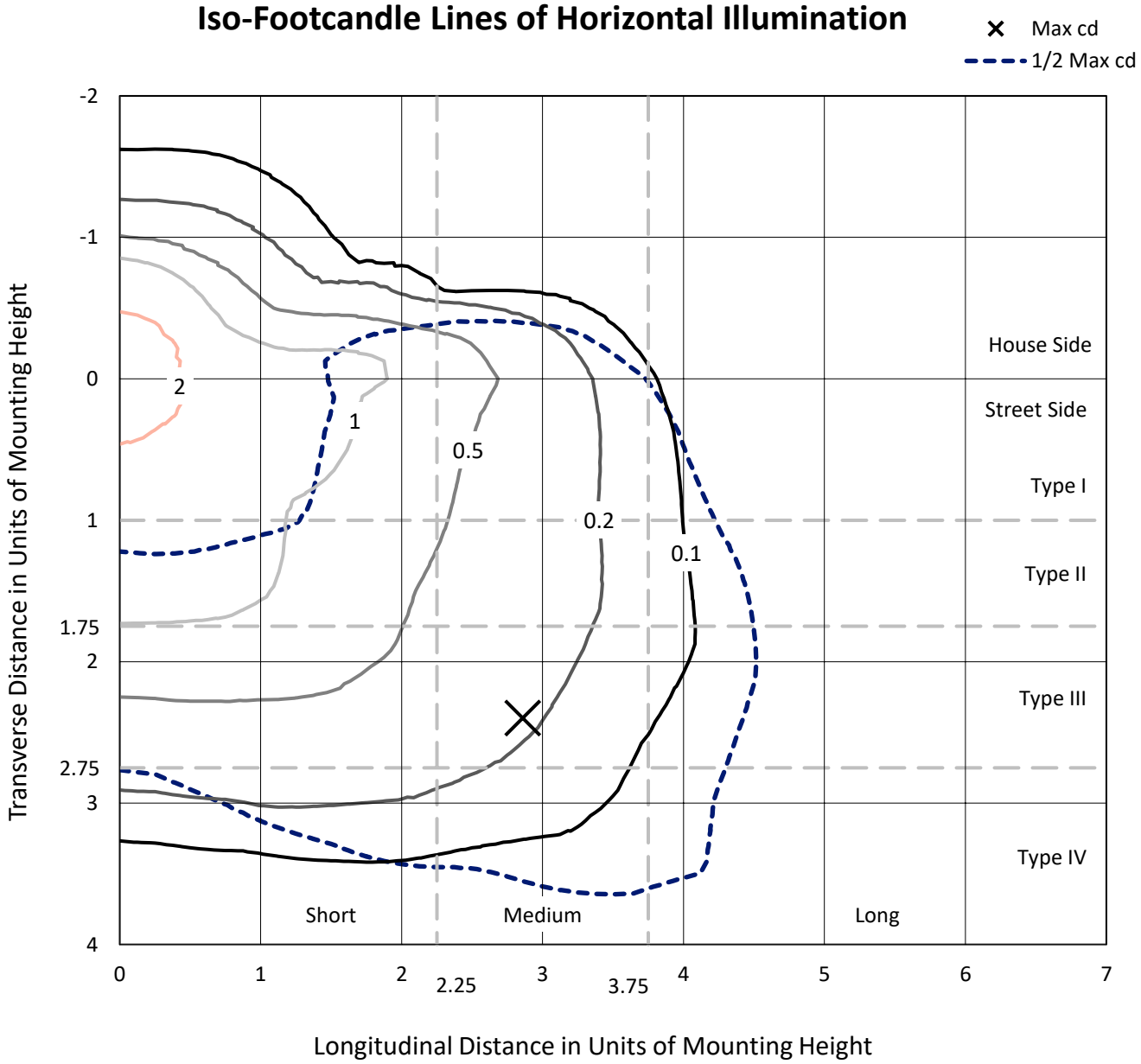


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Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4W

Iso-Footcandle Lines of Horizontal Illumination



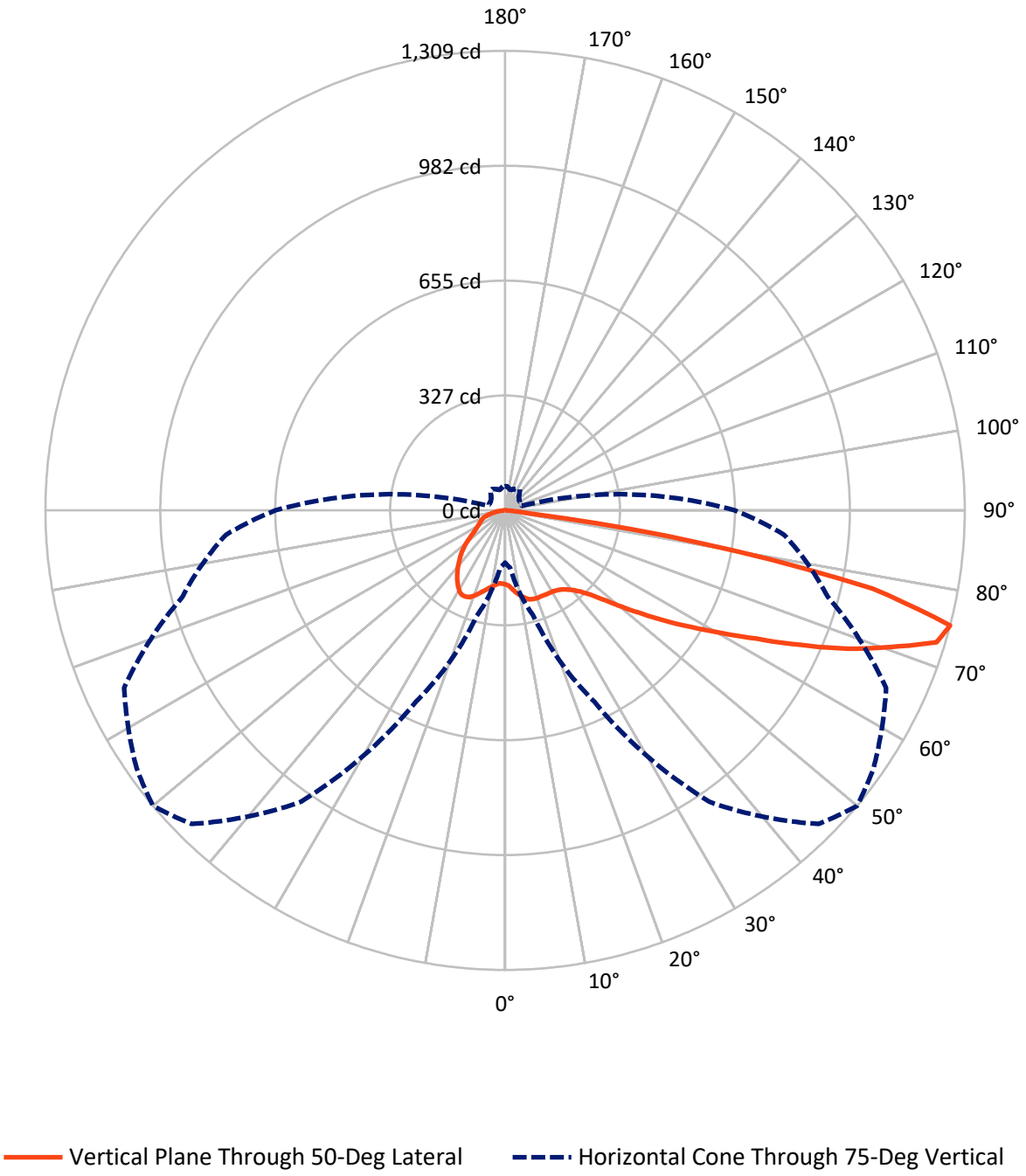
Based on 10 foot mounting height. Maximum calculated value = 2.6 fc
Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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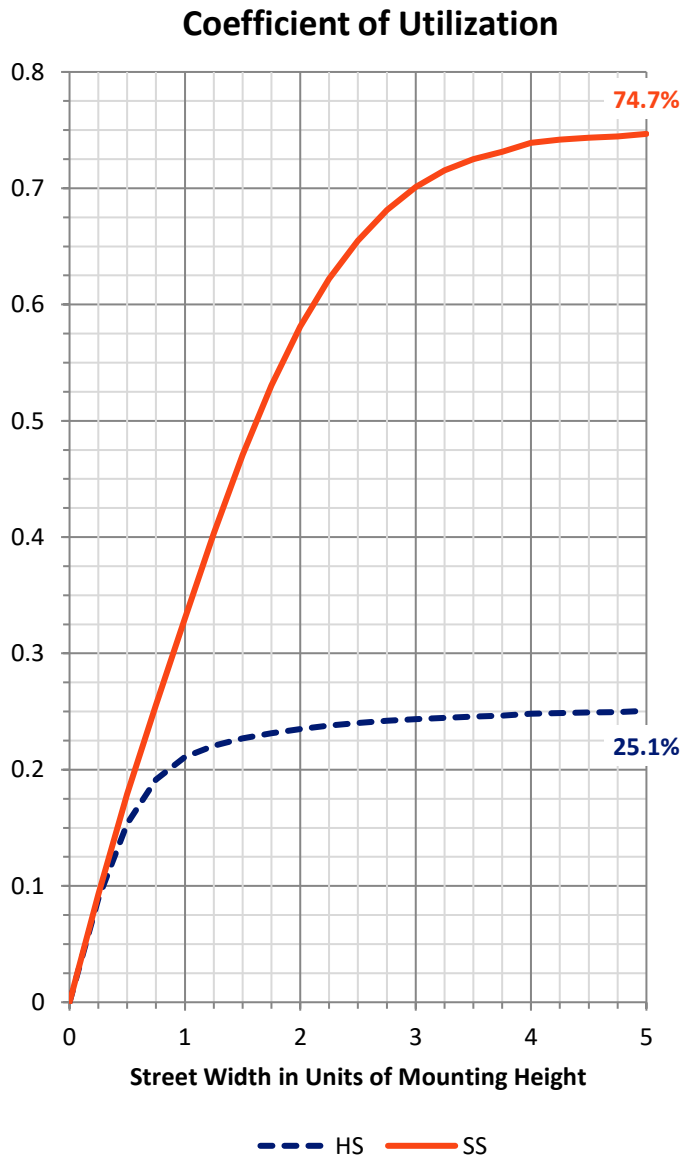
REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4W

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	516.6	0.0	516.6
	% Fixture	25.3	0.0	25.3
Street Side	Lumens	1522.4	0.0	1522.4
	% Fixture	74.7	0.0	74.7
Total	Lumens	2039.0	0.0	2039.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.4	1.1
10°-20°	71.3	3.5
20°-30°	123.4	6.1
30°-40°	171.8	8.4
40°-50°	236.9	11.6
50°-60°	374.7	18.4
60°-70°	560.1	27.5
70°-80°	448.3	22.0
80°-90°	31.0	1.5
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°	2039.0	100.0
0°-180°	2039.0	100.0



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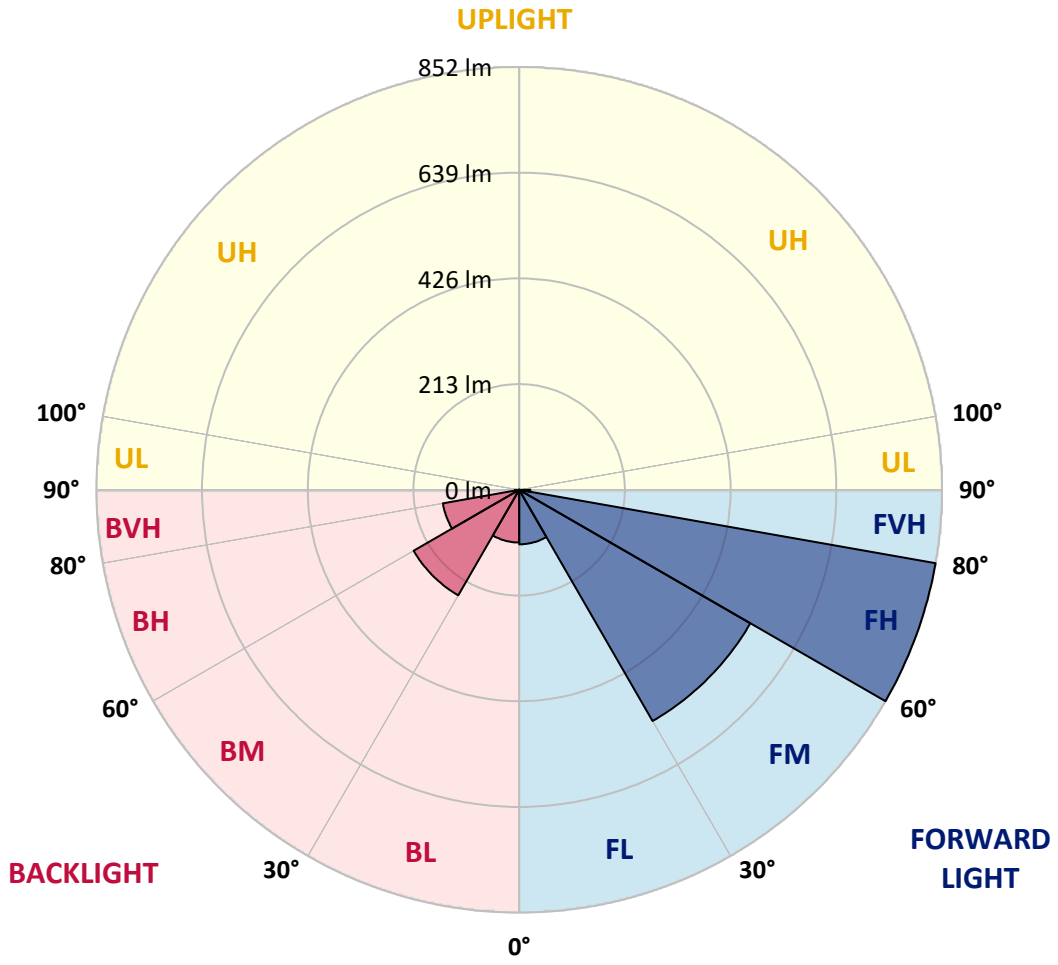
Scaled Data Report

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CATALOG NUMBER: GSS-SB1A-AMB-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	109.8	5.4			
FM	(30°-60°)	537.9	26.4			
FH	(60°-80°)	852.2	41.8			G1/1800
FVH	(80°-90°)	22.4	1.1			G1/100
BL	(0°-30°)	106.3	5.2	B0/110		
BM	(30°-60°)	245.5	12.0	B1/1000		
BH	(60°-80°)	156.2	7.7	B1/500		G1/500
BVH	(80°-90°)	8.5	0.4			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 IV Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	50°	55°	65°	75°	85°
0°	211.1	211.1	211.1	211.1	211.1	211.1	*211.1*	211.1	211.1	211.1	211.1
2.5°	223.1	221.1	221.1	220.1	219.1	217.1	*215.1*	216.1	214.1	213.1	212.1
5°	243.1	240.1	238.1	236.1	233.1	229.1	*226.1*	224.1	220.1	216.1	214.1
7.5°	259.1	259.1	255.1	253.1	247.1	242.1	*238.1*	235.1	228.1	222.1	218.1
10°	275.1	272.1	270.1	264.1	258.1	252.1	*248.1*	245.1	238.1	230.1	224.1
12.5°	283.1	283.1	277.1	271.1	265.1	259.1	*256.1*	254.1	247.1	240.1	232.1
15°	288.1	286.1	281.1	275.1	269.1	265.1	*263.1*	261.1	256.1	250.1	239.1
17.5°	285.1	283.1	277.1	272.1	268.1	267.1	*265.1*	264.1	261.1	256.1	246.1
20°	278.1	275.1	272.1	267.1	265.1	267.1	*266.1*	267.1	265.1	260.1	252.1
22.5°	270.1	268.1	266.1	261.1	262.1	265.1	*265.1*	268.1	267.1	265.1	257.1
25°	264.1	264.1	260.1	257.1	259.1	264.1	*266.1*	269.1	270.1	268.1	263.1
27.5°	263.1	261.1	259.1	256.1	258.1	263.1	*267.1*	272.1	275.1	273.1	270.1
30°	264.1	262.1	260.1	259.1	259.1	265.1	*268.1*	274.1	280.1	279.1	275.1
32.5°	271.1	269.1	267.1	263.1	263.1	268.1	*271.1*	279.1	287.1	287.1	281.1
35°	285.1	283.1	279.1	272.1	271.1	274.1	*277.1*	285.1	295.1	296.1	289.1
37.5°	315.1	313.1	302.1	289.1	282.1	283.1	*286.1*	293.1	306.1	307.1	299.1
40°	373.1	367.1	349.1	320.1	301.1	297.1	*298.1*	305.1	320.1	321.1	312.1
42.5°	437.1	434.1	411.1	369.1	333.1	317.1	*317.1*	322.1	341.1	344.1	331.1
45°	511.2	502.2	478.2	426.1	377.1	351.1	*343.1*	347.1	366.1	375.1	358.1
47.5°	581.2	574.2	545.2	492.2	428.1	394.1	*382.1*	382.1	404.1	417.1	398.1
50°	648.2	640.2	607.2	566.2	498.2	447.1	*432.1*	427.1	450.1	473.2	451.1
52.5°	685.2	681.2	666.2	634.2	576.2	510.2	*489.2*	484.2	513.2	534.2	515.2
55°	720.2	718.2	725.2	709.2	665.2	591.2	*556.2*	549.2	581.2	611.2	589.2
57.5°	757.2	759.2	785.3	796.3	766.3	673.2	*628.2*	619.2	668.2	694.2	677.2
60°	799.3	802.3	832.3	883.3	871.3	761.3	*709.2*	712.2	757.2	786.3	786.3
62.5°	815.3	815.3	885.3	957.3	972.3	855.3	*805.3*	806.3	860.3	880.3	880.3
65°	756.2	765.3	857.3	994.3	1076.4	965.3	*924.3*	914.3	947.3	933.3	946.3
67.5°	734.2	743.2	833.3	963.3	1148.4	1088.4	*1052.3*	1019.3	994.3	955.3	1029.3
70°	663.2	682.2	814.3	1012.3	1177.4	1233.4	*1165.4*	1084.4	1050.3	1009.3	1073.4
72.5°	457.2	485.2	644.2	953.3	1244.4	1259.4	*1285.4*	1228.4	1143.4	1016.3	997.3
75°	*149.0*	*164.1*	*311.1*	*602.2*	*1013.3*	*1263.4*	*1309.4*	*1281.4*	*1197.4*	*951.3*	*798.3*
77.5°	47.0	47.0	82.0	209.1	466.2	1012.3	*1070.4*	993.3	989.3	633.2	373.1
80°	26.0	28.0	44.0	75.0	134.0	416.1	*563.2*	432.1	260.1	142.0	77.0
82.5°	12.0	14.0	23.0	36.0	76.0	61.0	*69.0*	66.0	88.0	46.0	24.0
85°	6.0	7.0	9.0	17.0	33.0	20.0	*21.0*	22.0	33.0	24.0	11.0
87.5°	1.0	1.0	2.0	3.0	6.0	4.0	*4.0*	5.0	6.0	6.0	5.0
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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Scaled Data Report

REPORT NUMBER: P1704728
CATALOG NUMBER: GSS-SB1A-AMB-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	211.1	211.1	211.1	211.1	211.1	211.1	211.1	211.1	211.1	211.1	211.1
2.5°	211.1	211.1	210.1	209.1	209.1	208.1	208.1	207.1	208.1	208.1	208.1
5°	212.1	212.1	209.1	208.1	208.1	209.1	209.1	209.1	209.1	211.1	212.1
7.5°	215.1	214.1	212.1	211.1	213.1	213.1	214.1	217.1	216.1	219.1	219.1
10°	222.1	220.1	217.1	217.1	219.1	220.1	221.1	223.1	225.1	226.1	227.1
12.5°	229.1	226.1	224.1	224.1	226.1	228.1	230.1	231.1	234.1	235.1	235.1
15°	236.1	234.1	232.1	232.1	235.1	237.1	239.1	242.1	243.1	246.1	247.1
17.5°	243.1	242.1	240.1	242.1	244.1	248.1	250.1	253.1	255.1	255.1	257.1
20°	250.1	249.1	250.1	252.1	255.1	259.1	262.1	262.1	263.1	263.1	265.1
22.5°	255.1	255.1	259.1	259.1	265.1	268.1	267.1	267.1	269.1	269.1	269.1
25°	261.1	264.1	268.1	265.1	270.1	270.1	271.1	271.1	270.1	272.1	270.1
27.5°	269.1	272.1	275.1	269.1	271.1	270.1	273.1	272.1	271.1	274.1	274.1
30°	277.1	280.1	280.1	270.1	265.1	264.1	269.1	271.1	273.1	276.1	277.1
32.5°	283.1	288.1	282.1	266.1	251.1	255.1	260.1	267.1	272.1	276.1	278.1
35°	292.1	296.1	284.1	255.1	239.1	242.1	251.1	260.1	265.1	268.1	271.1
37.5°	302.1	307.1	283.1	240.1	225.1	227.1	237.1	246.1	250.1	253.1	258.1
40°	314.1	319.1	281.1	226.1	212.1	211.1	218.1	221.1	225.1	231.1	238.1
42.5°	333.1	337.1	284.1	213.1	196.1	195.1	191.1	188.1	191.1	192.1	194.1
45°	360.1	362.1	289.1	204.1	183.1	178.1	162.1	155.1	150.0	141.0	146.0
47.5°	398.1	399.1	296.1	195.1	172.1	158.1	140.0	127.0	114.0	105.0	106.0
50°	453.1	454.1	303.1	184.1	157.1	137.0	121.0	108.0	97.0	89.0	89.0
52.5°	525.2	523.2	312.1	168.1	137.0	119.0	107.0	96.0	87.0	81.0	81.0
55°	613.2	624.2	331.1	146.0	116.0	107.0	98.0	90.0	82.0	77.0	76.0
57.5°	722.2	744.2	356.1	125.0	102.0	98.0	92.0	85.0	78.0	72.0	72.0
60°	864.3	877.3	376.1	105.0	91.0	91.0	87.0	81.0	72.0	65.0	64.0
62.5°	1007.3	982.3	339.1	91.0	83.0	85.0	81.0	73.0	69.0	66.0	66.0
65°	1111.4	1041.3	244.1	81.0	77.0	81.0	75.0	76.0	73.0	71.0	71.0
67.5°	1204.4	1080.4	156.1	74.0	71.0	76.0	80.0	81.0	76.0	69.0	68.0
70°	1166.4	963.3	85.0	65.0	66.0	72.0	90.0	79.0	70.0	65.0	63.0
72.5°	972.3	756.2	64.0	57.0	57.0	68.0	83.0	73.0	63.0	60.0	59.0
75°	*654.2*	*451.1*	*50.0*	*48.0*	*49.0*	*55.0*	*73.0*	*67.0*	*60.0*	*68.0*	*69.0*
77.5°	264.1	164.1	40.0	38.0	36.0	46.0	66.0	62.0	54.0	57.0	49.0
80°	73.0	49.0	29.0	27.0	26.0	37.0	54.0	48.0	38.0	40.0	35.0
82.5°	25.0	22.0	21.0	18.0	17.0	24.0	36.0	31.0	28.0	25.0	25.0
85°	10.0	11.0	11.0	10.0	9.0	13.0	24.0	19.0	19.0	15.0	15.0
87.5°	5.0	5.0	4.0	3.0	3.0	4.0	7.0	3.0	3.0	3.0	3.0
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP3-2509-541-1

Test Date: 09/16/2025

Luminaire Tested: GALN-SA1A-AMB-U-T3BC

Data in this report applies to families of products including GALN-SA1A*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

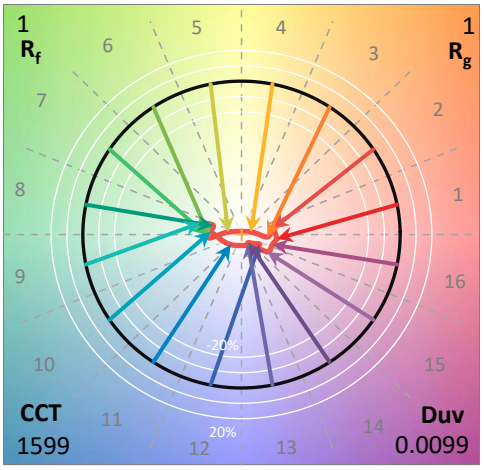
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2509-541-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	10/02/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GALN-SA1A-AMB-U-T3BC**
Description:	GALLEON AREA AND ROADWAY LUMINAIRE. (1) AMBER, 615MA LIGHTSQUARES TYPE III ROADWAY OPTICS WITH ANGLED BACKLIGHT CONTROL HEATSINK

Spectral Parameters

CCT (K):	1599
CIE u':	0.3452
CIE v':	0.5480
Duv:	0.0099
CIE x:	0.5859
CIE y:	0.4133
CIE z:	0.0008
Peak Wavelength (nm):	596
Dominant Wavelength (nm):	591
Purity:	99.94224
Rf:	1.2
Rg:	0.9

CRI (Ra):	-22.7				
R1:	-36.4	R9:	-395.3		
R2:	50.8	R10:	26.0		
R3:	18.3	R11:	-97.2		
R4:	-69.1	R12:	-14.1		
R5:	-41.9	R13:	-17.6		
R6:	38.5	R14:	46.4		
R7:	-6.7	R15:	-69.4		
R8:	-135.4				



Test Conditions

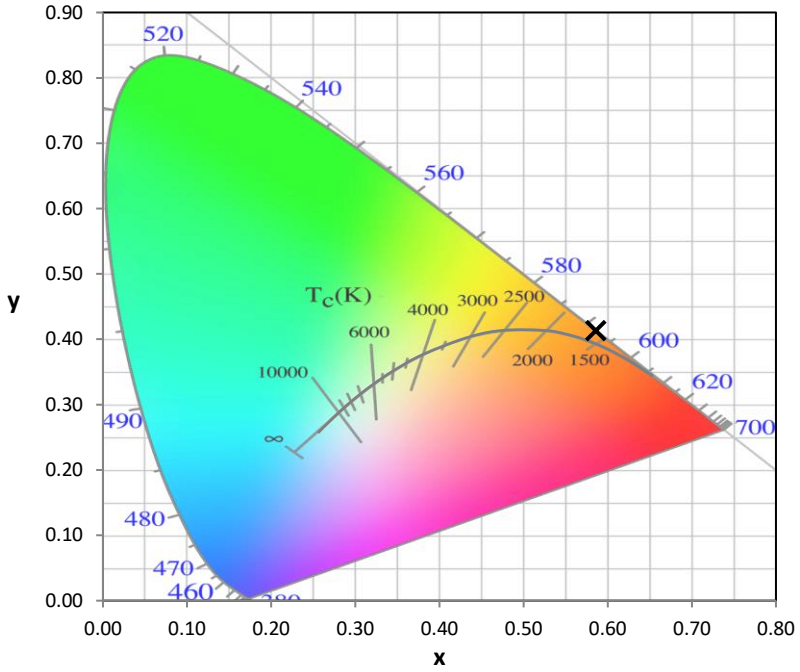
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

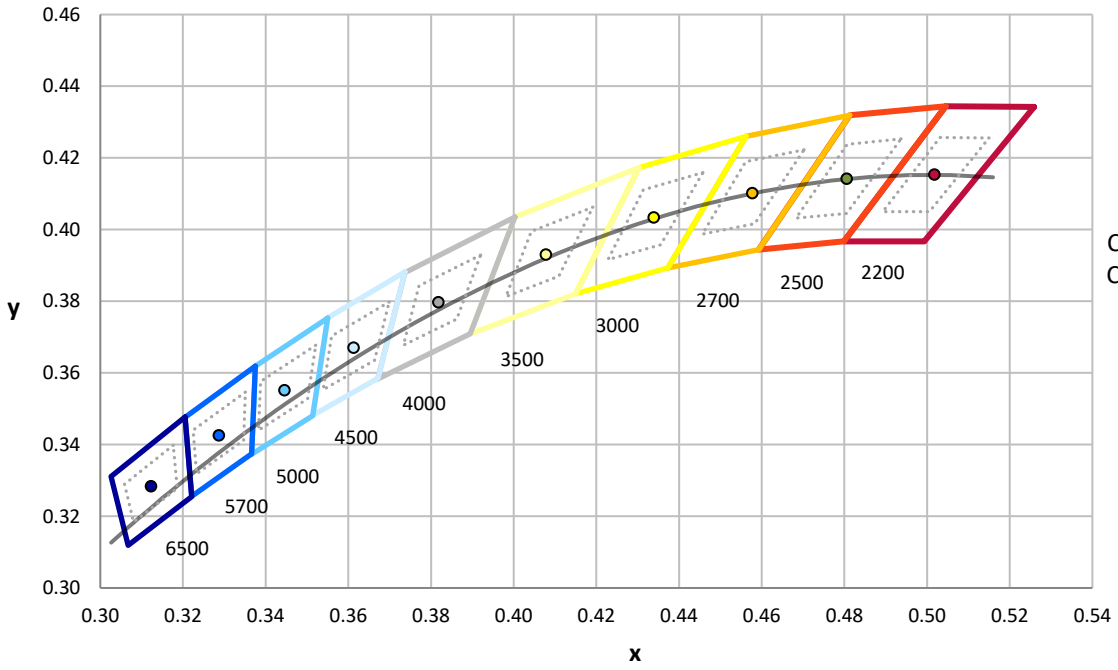
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024	10/22/2025
Sphere Thermometer	TANDD IN4036E	10/22/2024	10/22/2025

REPORT NUMBER: SP3-2509-541-1

CIE 1931 Chromaticity Diagram



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

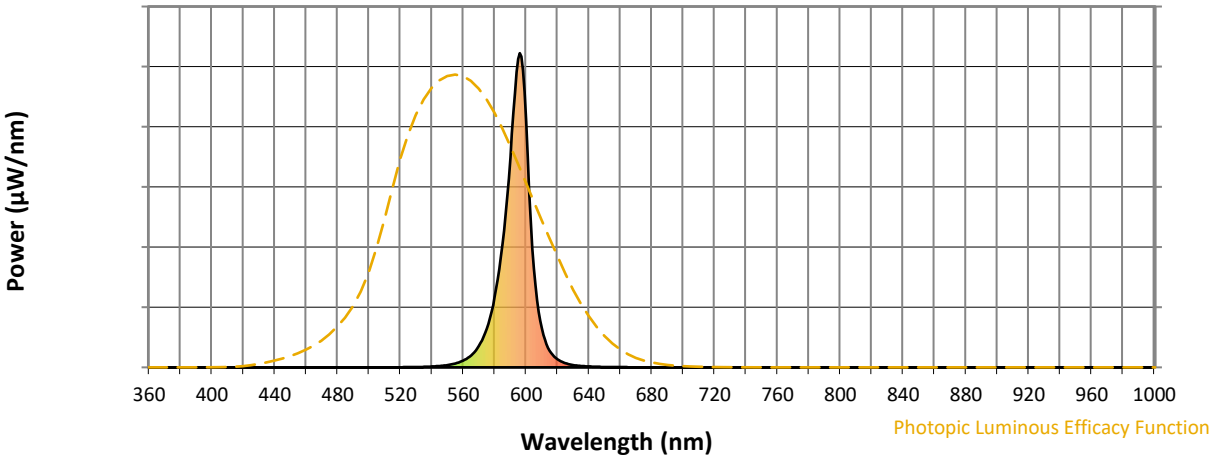


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

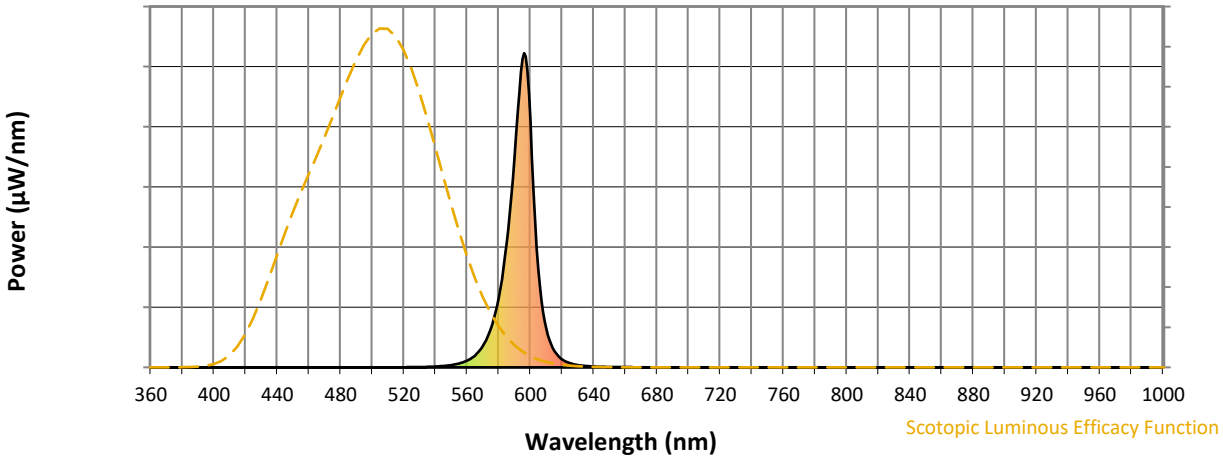


Photopic Lumens: NR

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

REPORT NUMBER: SP3-2509-541-1

Scotopic Flux vs. Wavelength

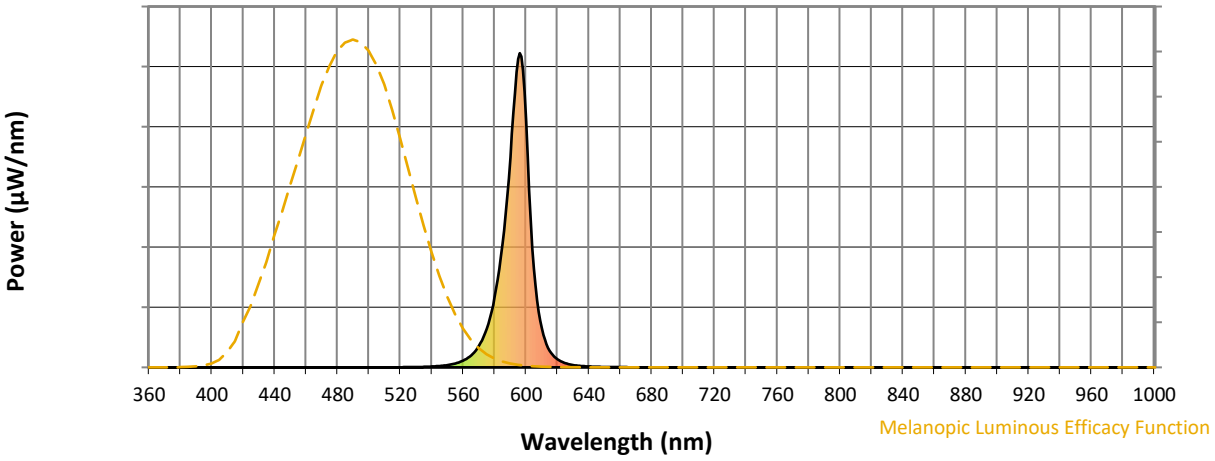


Scotopic Lumens: NR **S/P: 0.23**

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

REPORT NUMBER: SP3-2509-541-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 0.13**

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	0	NR	620	26	NR	750	0	NR	880	0	NR
365	0	NR	495	0	NR	625	13	NR	755	0	NR	885	0	NR
370	0	NR	500	0	NR	630	8	NR	760	0	NR	890	0	NR
375	0	NR	505	0	NR	635	4	NR	765	0	NR	895	0	NR
380	0	NR	510	0	NR	640	3	NR	770	0	NR	900	0	NR
385	0	NR	515	0	NR	645	2	NR	775	0	NR	905	0	NR
390	0	NR	520	1	NR	650	1	NR	780	0	NR	910	0	NR
395	0	NR	525	1	NR	655	1	NR	785	0	NR	915	0	NR
400	0	NR	530	1	NR	660	1	NR	790	0	NR	920	0	NR
405	0	NR	535	2	NR	665	1	NR	795	0	NR	925	0	NR
410	0	NR	540	3	NR	670	0	NR	800	0	NR	930	0	NR
415	0	NR	545	4	NR	675	0	NR	805	0	NR	935	0	NR
420	0	NR	550	7	NR	680	0	NR	810	0	NR	940	0	NR
425	0	NR	555	12	NR	685	0	NR	815	0	NR	945	0	NR
430	0	NR	560	22	NR	690	0	NR	820	0	NR	950	0	NR
435	0	NR	565	38	NR	695	0	NR	825	0	NR	955	0	NR
440	0	NR	570	68	NR	700	0	NR	830	0	NR	960	0	NR
445	0	NR	575	123	NR	705	0	NR	835	0	NR	965	0	NR
450	0	NR	580	223	NR	710	0	NR	840	0	NR	970	0	NR
455	0	NR	585	392	NR	715	0	NR	845	0	NR	975	0	NR
460	0	NR	590	669	NR	720	0	NR	850	0	NR	980	0	NR
465	0	NR	595	982	NR	725	0	NR	855	0	NR	985	0	NR
470	0	NR	600	783	NR	730	0	NR	860	0	NR	990	0	NR
475	0	NR	605	315	NR	735	0	NR	865	0	NR	995	0	NR
480	0	NR	610	124	NR	740	0	NR	870	0	NR	1000	0	NR
485	0	NR	615	53	NR	745	0	NR	875	0	NR			

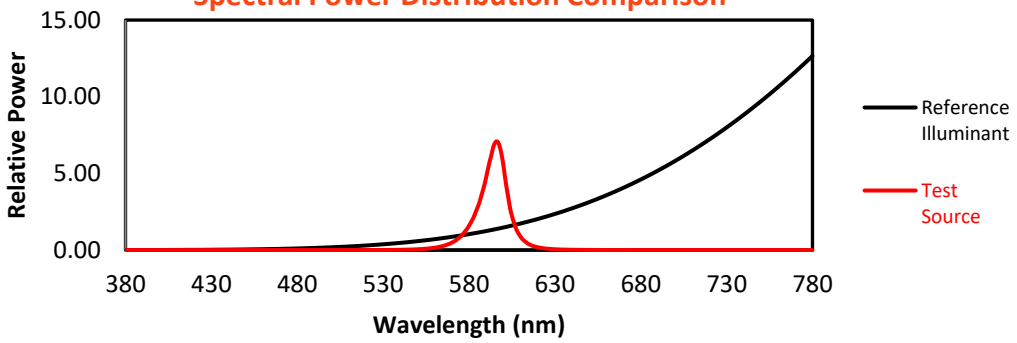
REPORT NUMBER: SP3-2509-541-1

TM-30-18

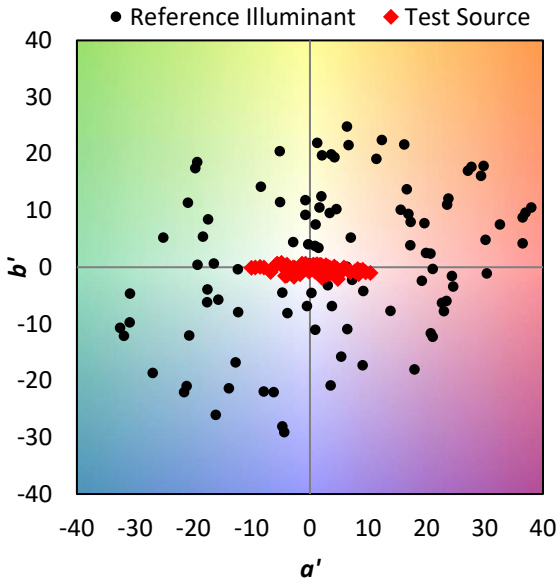
Summary

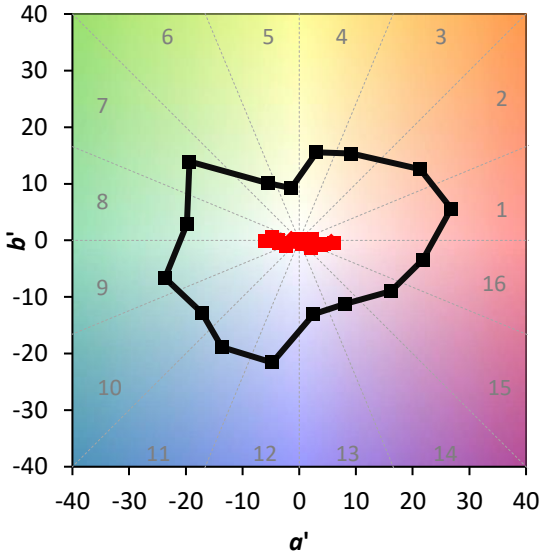
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

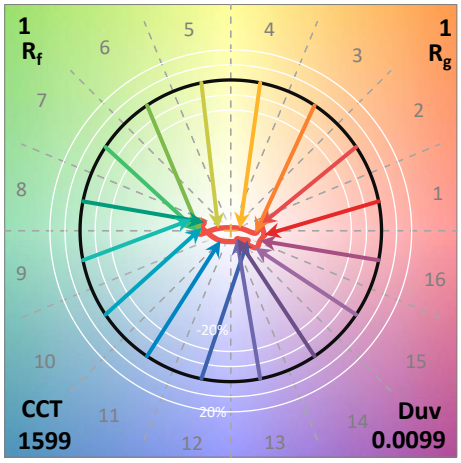
Spectral Power Distribution Comparison

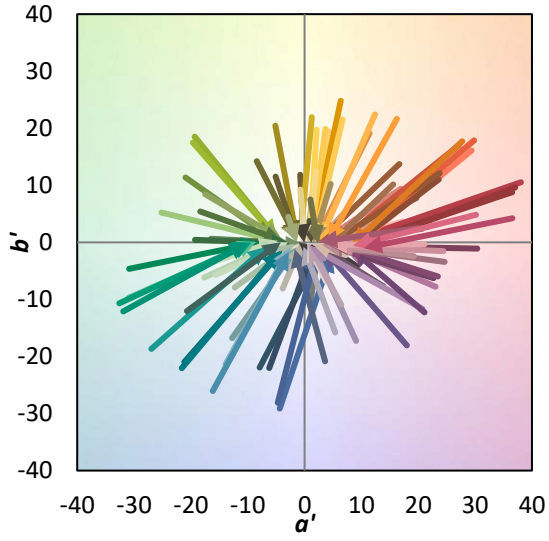


Color Vector Graphics







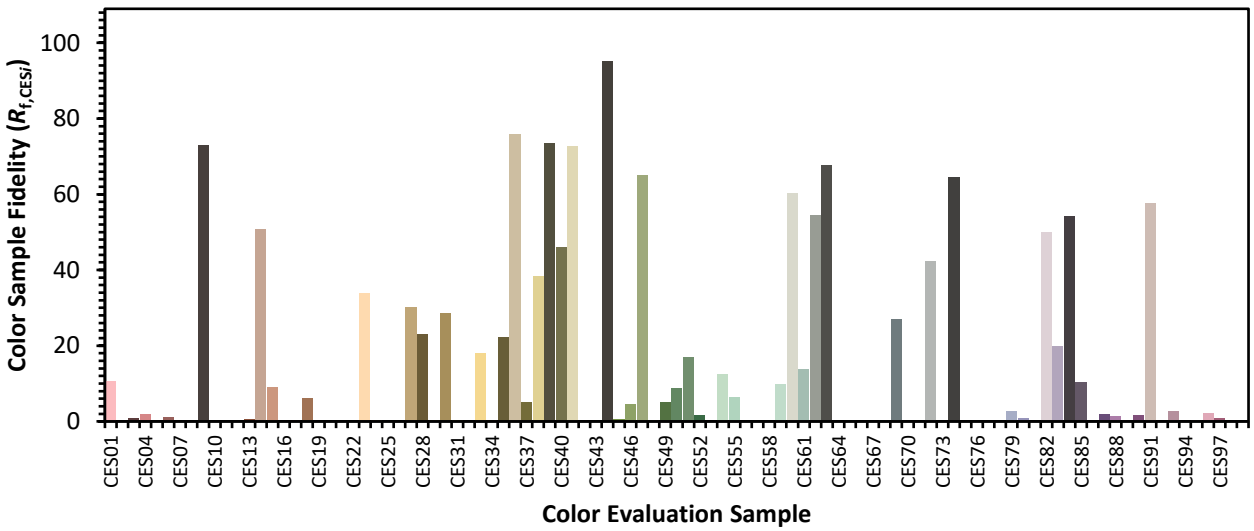


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

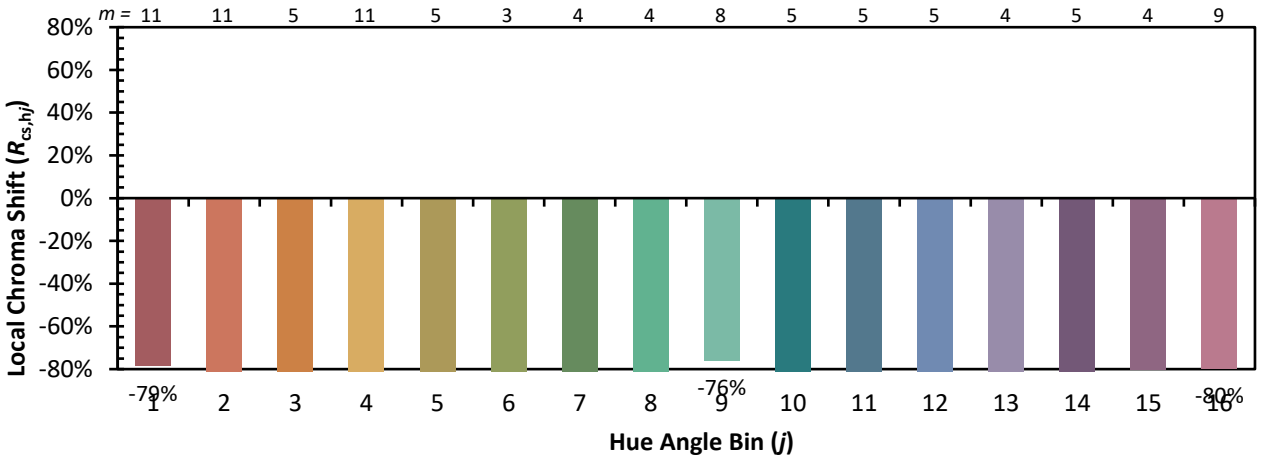
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 = 38	CES33 = 18	CES58 = 0	CES83 = 20
CES09 = 29	CES34 = 0	CES59 = 10	CES84 = 54
CES10 = 87	CES35 = 22	CES60 = 60	CES85 = 10
CES11 = 70	CES36 = 76	CES61 = 14	CES86 = 0
CES12 = 75	CES37 = 5	CES62 = 55	CES87 = 2
CES13 = 46	CES38 = 38	CES63 = 68	CES88 = 1
CES14 = 76	CES39 = 73	CES64 = 0	CES89 = 0
CES15 = 74	CES40 = 46	CES65 = 0	CES90 = 2
CES16 = 49	CES41 = 73	CES66 = 0	CES91 = 58
CES17 = 56	CES42 = 0	CES67 = 0	CES92 = 0
CES18 = 59	CES43 = 0	CES68 = 0	CES93 = 3
CES19 = 80	CES44 = 95	CES69 = 27	CES94 = 0
CES20 = 71	CES45 = 1	CES70 = 0	CES95 = 0
CES21 = 94	CES46 = 5	CES71 = 0	CES96 = 2
CES22 = 86	CES47 = 65	CES72 = 42	CES97 = 1
CES23 = 94	CES48 = 0	CES73 = 0	CES98 = 0
CES24 = 95	CES49 = 5	CES74 = 65	CES99 = 0
CES25 = 79	CES50 = 9	CES75 = 0	

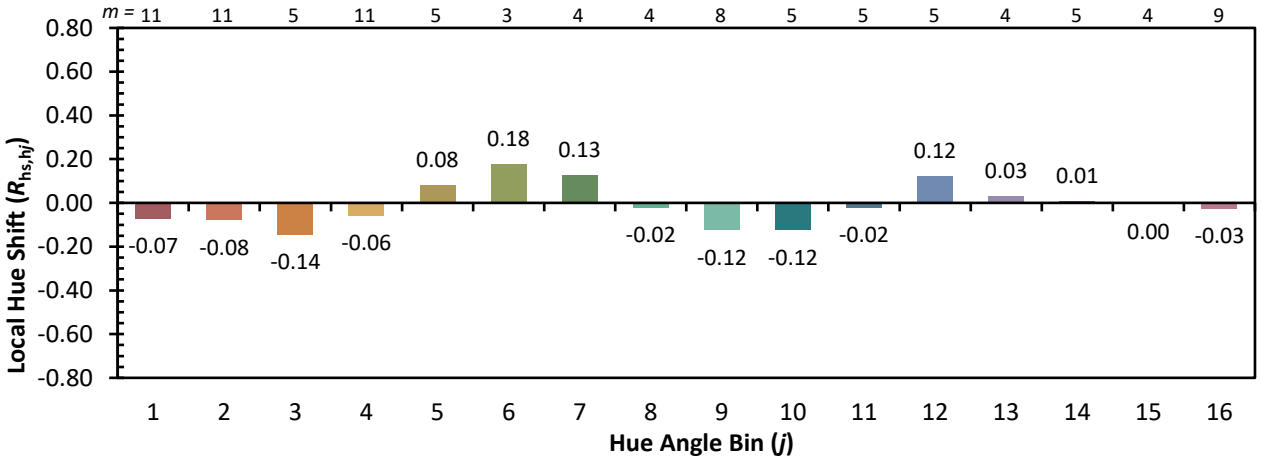


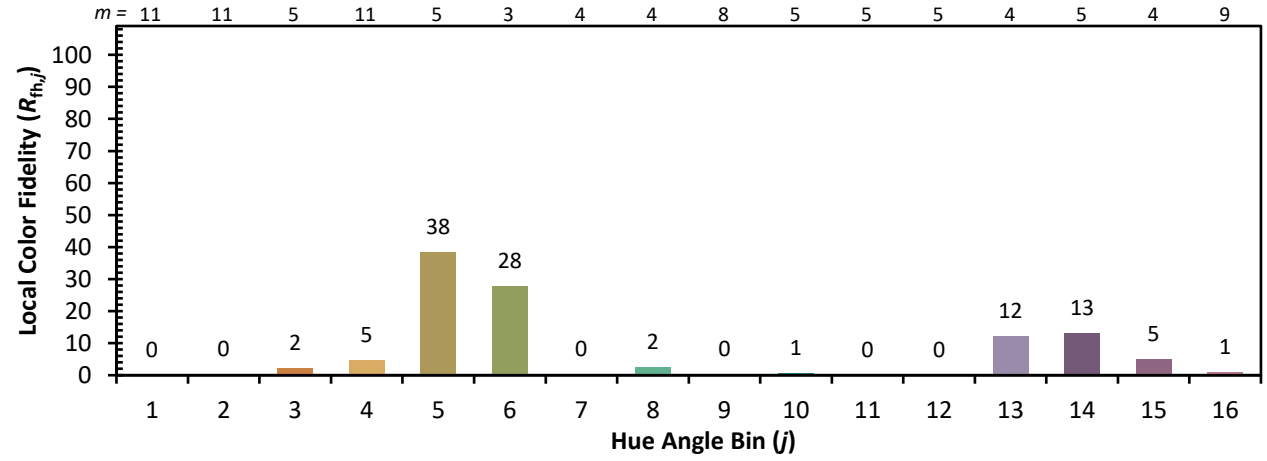
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



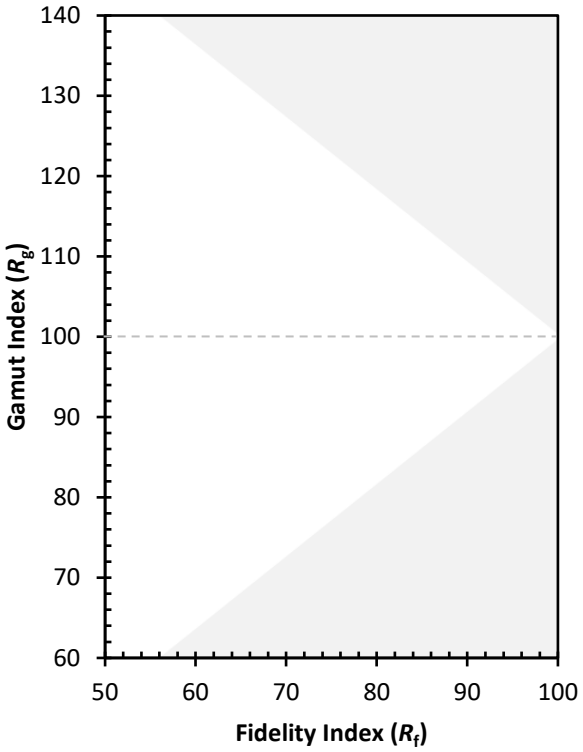


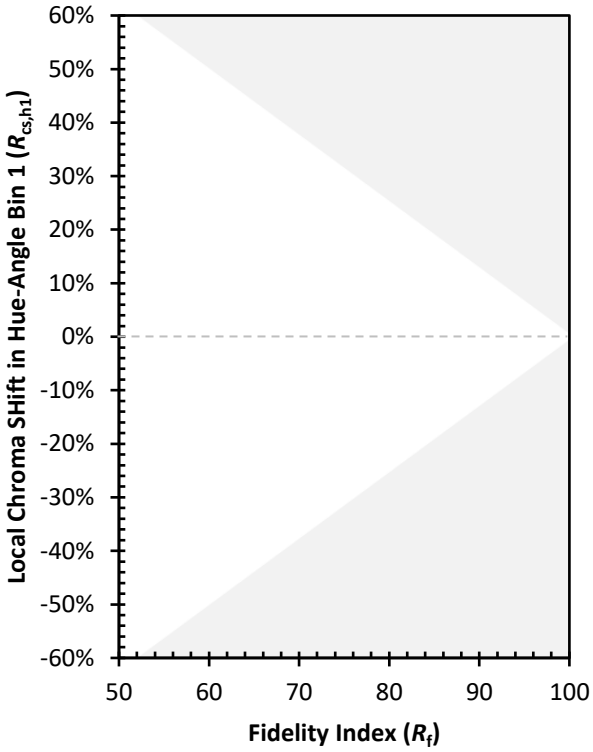


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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