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: P1704732

Luminaire Tested: GSS-SB5A-AMB-U-T2LG-HSS

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:	P1704732
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-AMB-U-T2LG-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T2 LOW GLARE DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7879 lumens
Efficiency:	N/A
Efficacy:	49.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	160.6
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

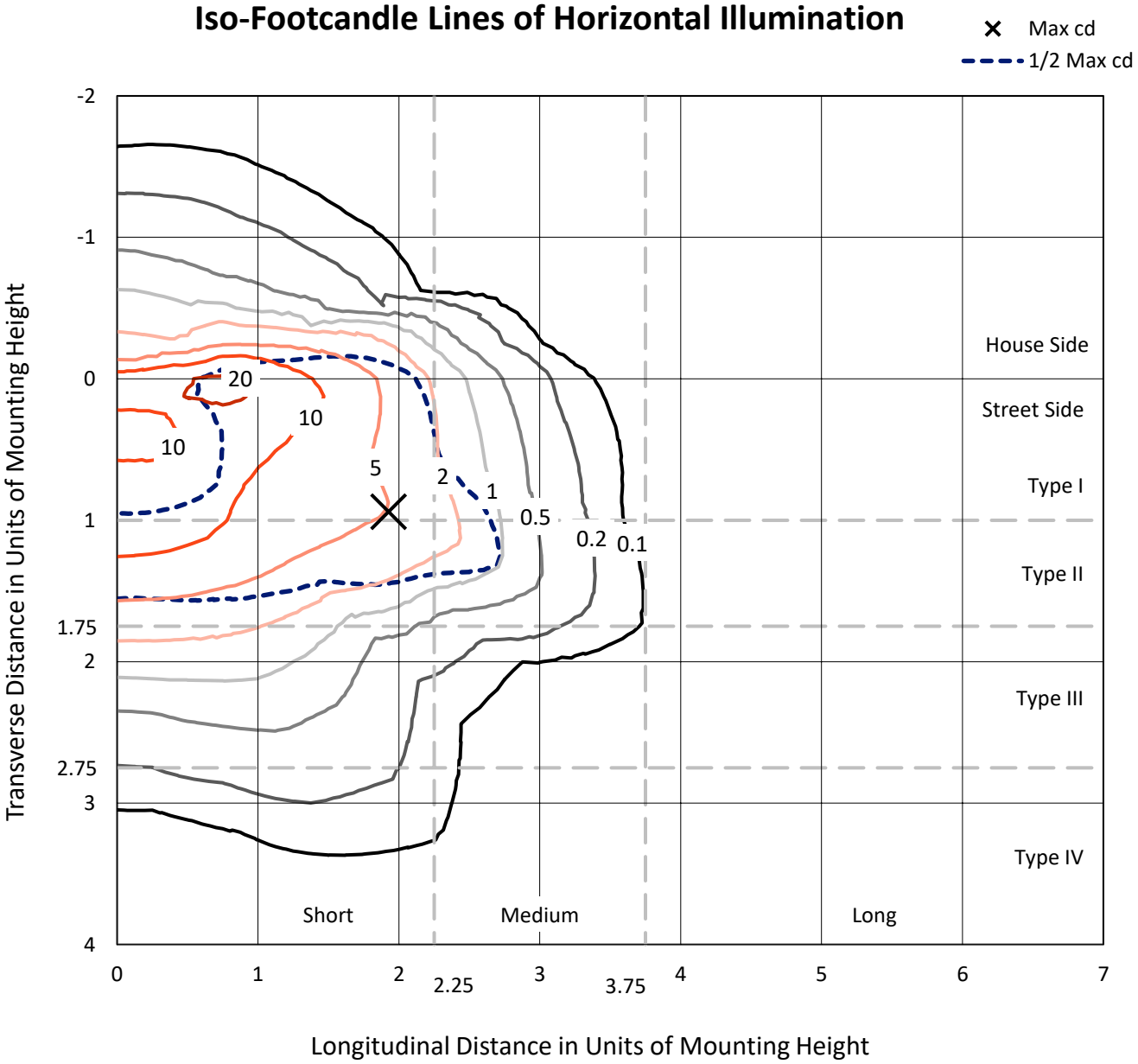


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



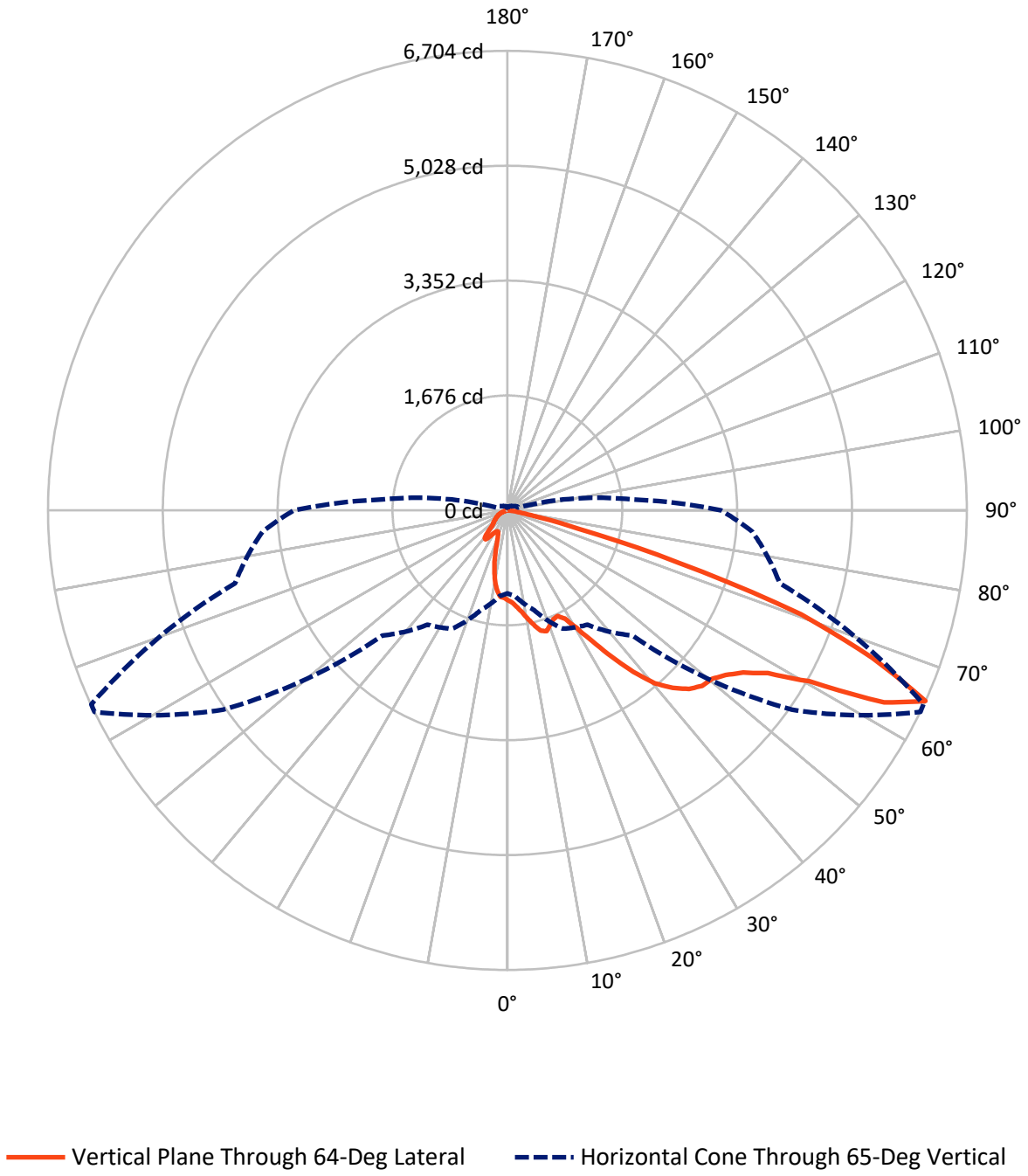
Based on 10 foot mounting height. Maximum calculated value = 22 fc
Type II - Short - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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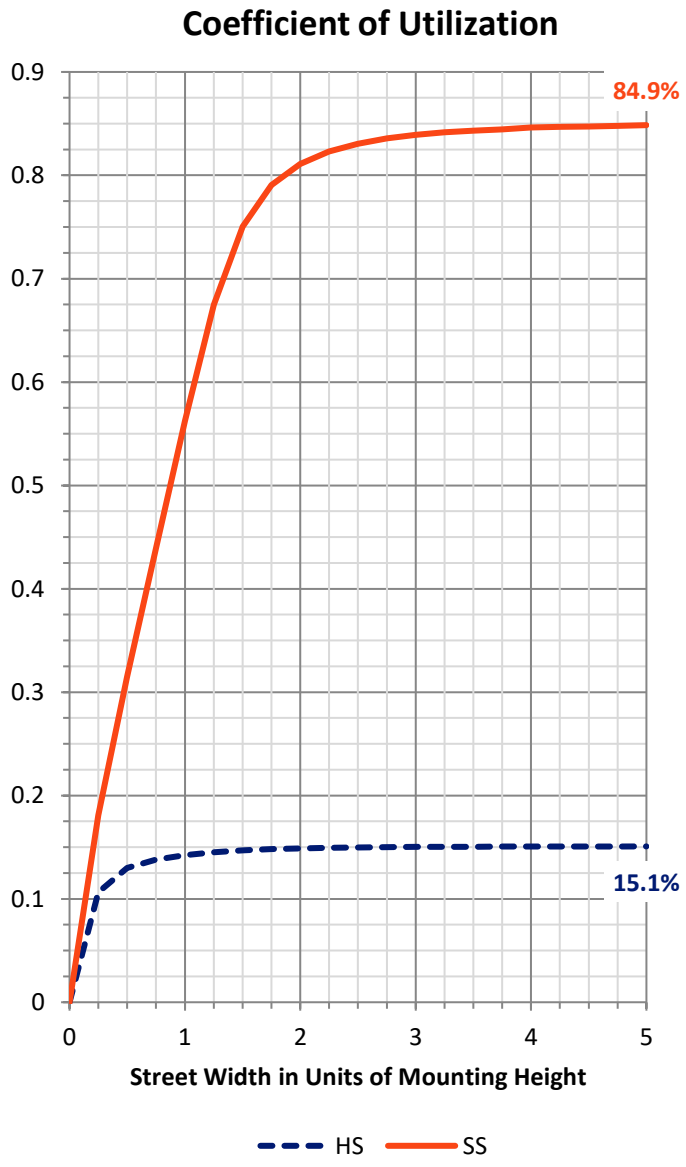
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1196.7	0.0	1196.7
	% Fixture	15.2	0.0	15.2
Street Side	Lumens	6682.3	0.0	6682.3
	% Fixture	84.8	0.0	84.8
Total	Lumens	7879.0	0.0	7879.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.4	1.5
10°-20°	284.4	3.6
20°-30°	506.3	6.4
30°-40°	1008.3	12.8
40°-50°	1701.9	21.6
50°-60°	2201.8	27.9
60°-70°	1662.1	21.1
70°-80°	372.5	4.7
80°-90°	26.4	0.3
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°	7879.0	100.0
0°-180°	7879.0	100.0



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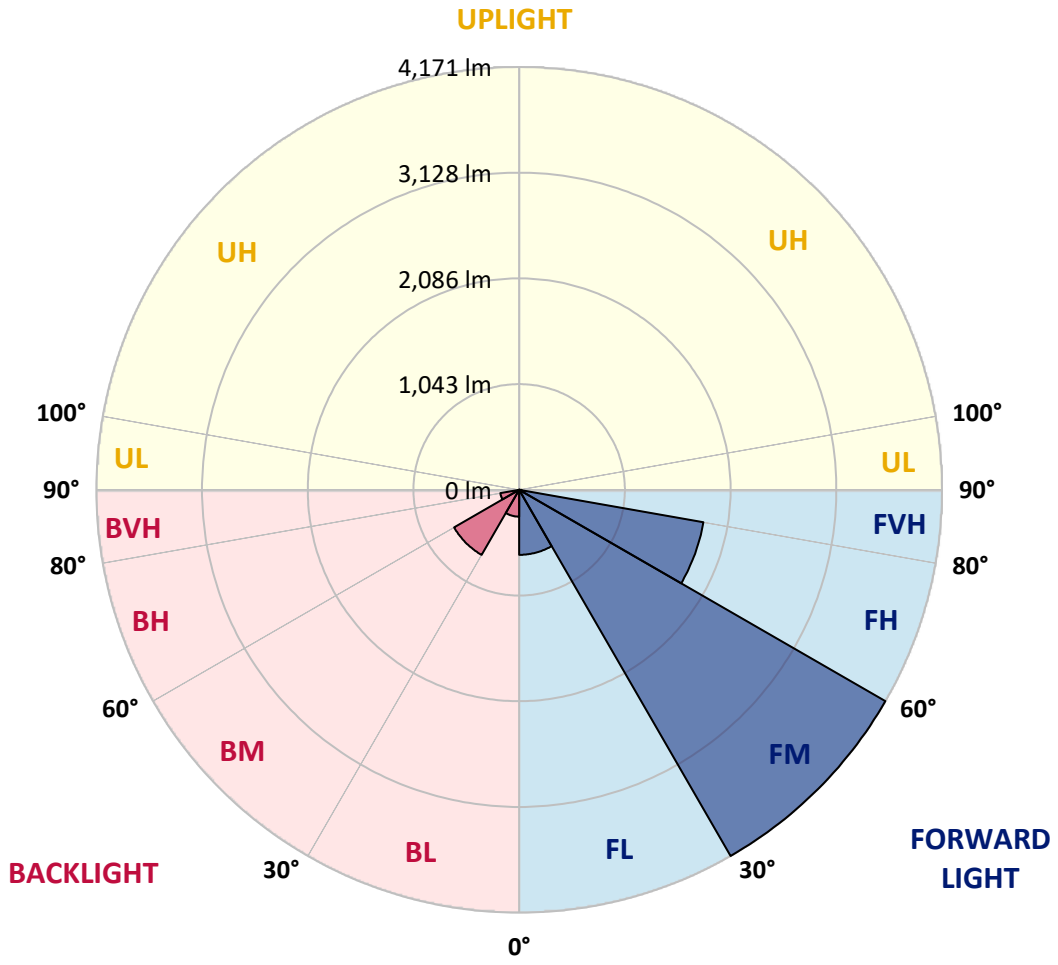
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	641.3	8.1			
FM	(30°-60°)	4171.1	52.9			
FH	(60°-80°)	1845.5	23.4			G2/5000
FVH	(80°-90°)	24.4	0.3			G1/100
BL	(0°-30°)	264.8	3.4	B1/500		
BM	(30°-60°)	740.8	9.4	B1/1000		
BH	(60°-80°)	189.0	2.4	B1/500		G1/500
BVH	(80°-90°)	2.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1313.6	1313.6	1313.6	1313.6	1313.6	1313.6	1313.6	*1313.6*	1313.6	1313.6	1313.6
2.5°	1398.0	1388.7	1388.7	1384.0	1374.6	1369.9	1365.2	*1346.4*	1351.1	1346.4	1323.0
5°	1459.0	1440.3	1435.6	1445.0	1440.3	1435.6	1435.6	*1412.1*	1416.8	1402.7	1374.6
7.5°	1459.0	1440.3	1449.6	1463.7	1477.8	1491.9	1501.2	*1491.9*	1501.2	1482.5	1445.0
10°	1308.9	1299.5	1323.0	1384.0	1459.0	1538.8	1590.4	*1599.8*	1604.5	1599.8	1538.8
12.5°	1018.0	1018.0	1060.3	1135.3	1294.8	1477.8	1646.7	*1712.4*	1717.1	1731.1	1665.4
15°	905.4	900.7	914.8	947.7	1060.3	1271.4	1590.4	*1820.3*	1839.0	1885.9	1815.6
17.5°	910.1	910.1	900.7	914.8	966.4	1102.5	1445.0	*1853.1*	1904.7	2078.3	1989.2
20°	961.7	952.4	952.4	947.7	966.4	1055.6	1323.0	*1782.7*	1876.6	2280.0	2200.3
22.5°	1041.5	1032.1	1032.1	1022.7	1022.7	1083.7	1266.7	*1721.7*	1815.6	2500.5	2434.8
25°	1135.3	1135.3	1125.9	1116.6	1125.9	1158.8	1323.0	*1707.7*	1792.1	2739.8	2725.7
27.5°	1313.6	1304.2	1257.3	1224.5	1252.6	1290.1	1449.6	*1787.4*	1867.2	2932.1	3035.3
30°	1576.3	1562.2	1515.3	1421.5	1407.4	1468.4	1632.6	*1989.2*	2050.1	3138.5	3448.2
32.5°	1796.8	1801.5	1768.7	1688.9	1642.0	1665.4	1904.7	*2270.6*	2345.7	3387.2	3879.8
35°	1993.8	1989.2	1989.2	1961.0	1932.9	1951.6	2209.7	*2622.5*	2692.9	3659.3	4363.0
37.5°	2200.3	2186.2	2139.3	2158.0	2223.7	2322.2	2585.0	*2988.4*	3054.1	3907.9	4804.0
40°	2566.2	2589.7	2505.2	2383.2	2472.4	2706.9	2932.1	*3316.8*	3382.5	4128.4	5165.2
42.5°	3072.9	3049.4	2946.2	2782.0	2739.8	2979.0	3298.1	*3542.0*	3617.1	4269.2	5376.4
45°	3513.9	3481.0	3382.5	3269.9	3086.9	3199.5	3509.2	*3715.6*	3757.8	4344.2	5488.9
47.5°	3926.7	3907.9	3832.9	3729.7	3537.3	3438.8	3584.2	*3823.5*	3865.7	4363.0	5535.9
50°	4194.1	4180.0	4198.8	4175.4	3978.3	3762.5	3645.2	*3865.7*	3926.7	4433.4	5540.5
52.5°	4109.7	4100.3	4227.0	4391.2	4442.8	4151.9	3767.2	*3987.7*	4053.4	4583.5	5634.4
55°	3753.1	3748.4	3945.5	4278.6	4564.7	4616.3	4044.0	*4175.4*	4227.0	4794.6	5643.8
57.5°	3288.7	3265.2	3471.6	3907.9	4400.5	4771.2	4588.2	*4480.3*	4503.7	4982.3	5648.5
60°	2256.6	2270.6	2735.1	3199.5	3922.0	4470.9	5249.7	*5062.0*	5015.1	4977.6	5277.8
62.5°	1642.0	1651.4	1862.5	2298.8	2941.5	3898.6	5306.0	*6169.2*	6042.5	4752.4	4766.5
65°	*1210.4*	*1252.6*	*1505.9*	*1904.7*	*2036.1*	*2580.3*	*5066.7*	*6704.0*	*6699.3*	*4114.4*	*3588.9*
67.5°	708.4	750.6	1130.6	1566.9	1623.2	1341.7	3715.6	*5742.3*	5798.6	3119.8	2406.7
70°	483.2	506.7	760.0	1252.6	1304.2	825.7	1566.9	*4546.0*	4555.4	2359.8	1520.0
72.5°	272.1	276.8	469.1	928.9	1060.3	558.3	727.2	*2594.3*	2514.6	1238.5	717.8
75°	145.4	159.5	253.3	563.0	792.8	375.3	304.9	*1055.6*	1125.9	520.7	394.1
77.5°	89.1	93.8	136.1	351.9	492.6	276.8	197.0	*389.4*	426.9	328.4	211.1
80°	46.9	46.9	79.8	187.7	286.2	154.8	122.0	*178.3*	201.7	192.3	122.0
82.5°	14.1	18.8	42.2	65.7	173.6	42.2	42.2	*103.2*	112.6	117.3	65.7
85°	9.4	9.4	23.5	23.5	56.3	18.8	14.1	*32.8*	37.5	51.6	18.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*4.7*	4.7	4.7	0.0
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: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1313.6	1313.6	1313.6	1313.6	1313.6	1313.6	1313.6	1313.6	1313.6	1313.6	1313.6
2.5°	1318.3	1318.3	1304.2	1276.1	1276.1	1262.0	1247.9	1238.5	1238.5	1243.2	1229.1
5°	1355.8	1332.4	1308.9	1271.4	1215.1	1144.7	1041.5	975.8	905.4	886.7	914.8
7.5°	1416.8	1393.3	1327.7	1210.4	1032.1	830.4	666.2	563.0	497.3	473.8	469.1
10°	1510.6	1468.4	1351.1	1102.5	783.5	544.2	398.8	337.8	319.0	314.3	309.6
12.5°	1618.5	1557.5	1355.8	947.7	544.2	356.5	304.9	290.9	281.5	281.5	276.8
15°	1749.9	1674.8	1341.7	778.8	375.3	300.2	281.5	267.4	258.0	258.0	258.0
17.5°	1909.4	1792.1	1304.2	572.4	314.3	281.5	262.7	248.6	239.3	239.3	239.3
20°	2078.3	1923.5	1243.2	431.6	295.6	267.4	248.6	229.9	225.2	225.2	220.5
22.5°	2294.1	2087.7	1154.1	365.9	281.5	253.3	229.9	211.1	206.4	206.4	206.4
25°	2538.1	2256.6	1036.8	342.5	272.1	239.3	215.8	197.0	192.3	192.3	192.3
27.5°	2814.8	2434.8	914.8	351.9	262.7	225.2	201.7	187.7	183.0	183.0	183.0
30°	3152.6	2664.7	844.5	380.0	258.0	211.1	187.7	178.3	173.6	168.9	173.6
32.5°	3546.7	2946.2	863.2	422.2	267.4	206.4	183.0	168.9	168.9	164.2	164.2
35°	3992.4	3227.7	961.7	497.3	281.5	197.0	173.6	164.2	159.5	154.8	154.8
37.5°	4353.6	3485.7	1083.7	558.3	286.2	183.0	168.9	154.8	150.1	145.4	145.4
40°	4649.2	3645.2	1172.9	548.9	253.3	178.3	154.8	140.7	136.1	131.4	131.4
42.5°	4818.1	3762.5	1201.0	450.4	239.3	164.2	140.7	126.7	122.0	122.0	122.0
45°	4836.8	3710.9	1097.8	328.4	225.2	150.1	131.4	117.3	112.6	112.6	112.6
47.5°	4855.6	3645.2	957.0	290.9	197.0	140.7	117.3	112.6	107.9	103.2	103.2
50°	4846.2	3556.1	830.4	272.1	178.3	131.4	117.3	103.2	98.5	98.5	93.8
52.5°	4944.7	3546.7	689.6	239.3	164.2	126.7	112.6	103.2	93.8	89.1	89.1
55°	5024.5	3570.2	534.8	215.8	154.8	122.0	103.2	98.5	89.1	84.4	84.4
57.5°	5094.9	3542.0	375.3	197.0	140.7	117.3	98.5	93.8	84.4	75.1	75.1
60°	4883.8	3260.5	267.4	178.3	126.7	107.9	93.8	84.4	75.1	70.4	65.7
62.5°	4363.0	2716.3	206.4	159.5	117.3	98.5	84.4	79.8	65.7	56.3	56.3
65°	*3115.1*	*1825.0*	*164.2*	*140.7*	*107.9*	*84.4*	*75.1*	*65.7*	*56.3*	*42.2*	*42.2*
67.5°	2054.8	1055.6	126.7	112.6	93.8	70.4	65.7	56.3	46.9	37.5	32.8
70°	1196.3	520.7	98.5	84.4	75.1	56.3	51.6	51.6	42.2	32.8	28.1
72.5°	544.2	206.4	70.4	61.0	56.3	37.5	37.5	37.5	32.8	23.5	18.8
75°	295.6	117.3	51.6	42.2	32.8	28.1	28.1	28.1	23.5	14.1	14.1
77.5°	168.9	79.8	37.5	28.1	18.8	14.1	18.8	18.8	14.1	9.4	9.4
80°	84.4	51.6	18.8	14.1	9.4	9.4	9.4	4.7	4.7	0.0	0.0
82.5°	32.8	32.8	9.4	4.7	4.7	4.7	0.0	0.0	0.0	0.0	0.0
85°	14.1	4.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

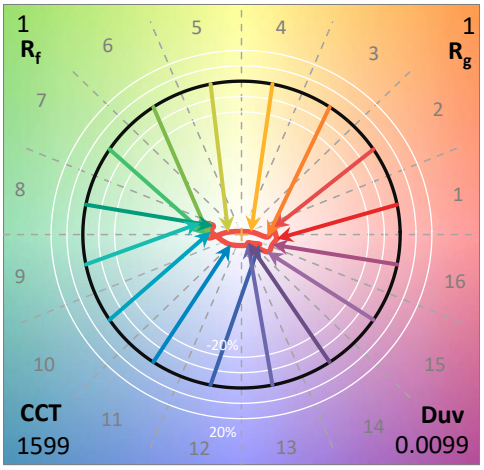
Test Information

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

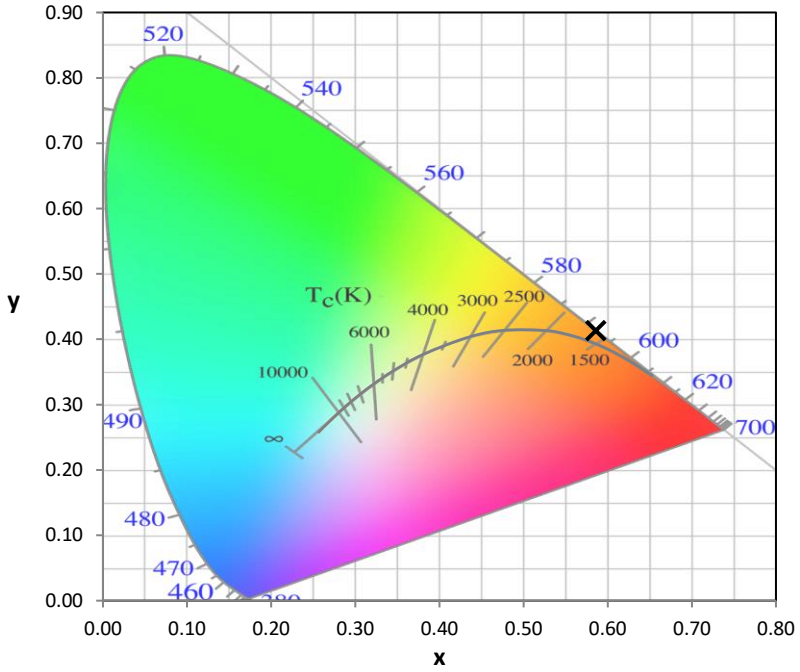
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

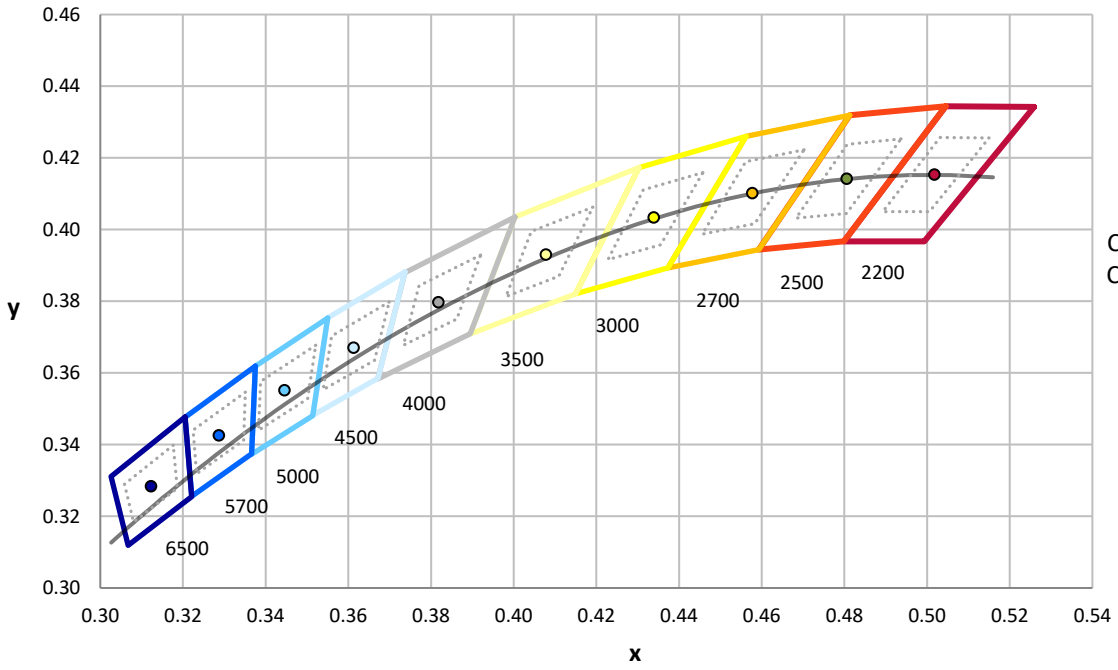
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

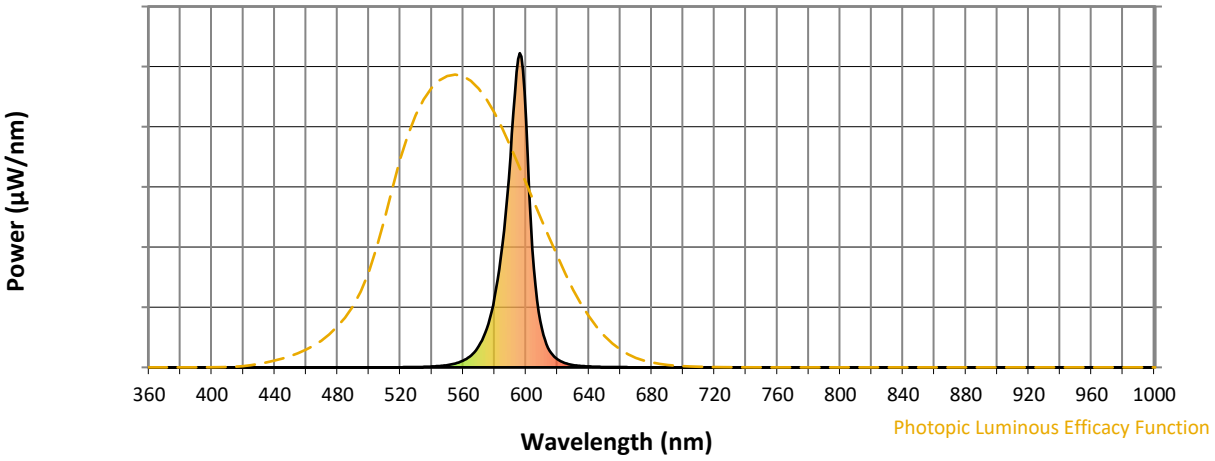


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

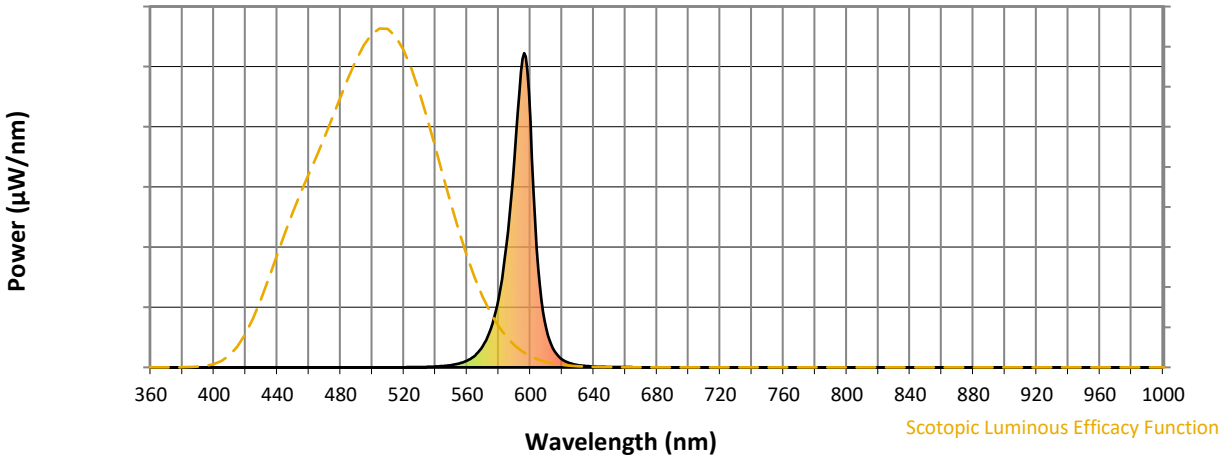


Photopic Lumens: NR

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

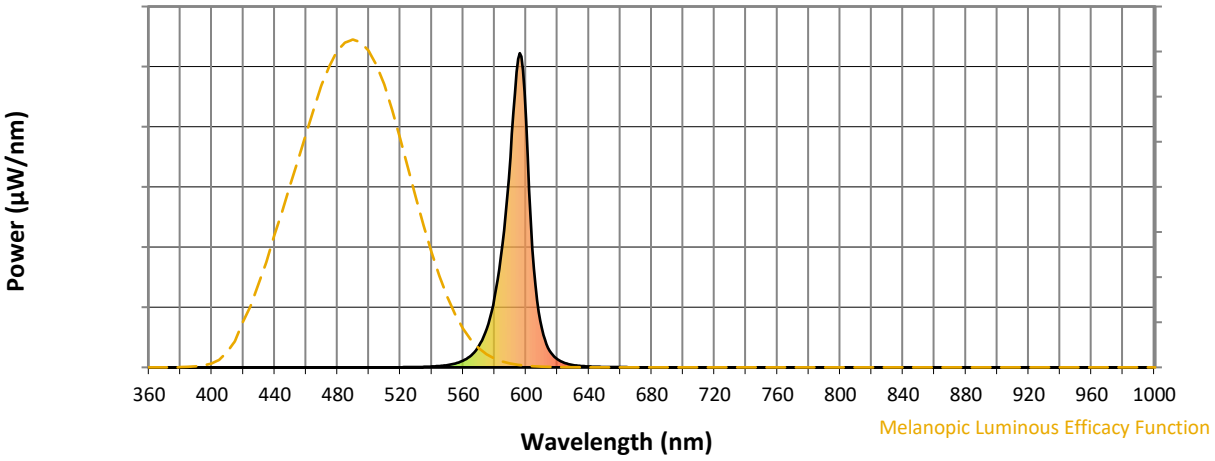


Scotopic Lumens: NR **S/P: 0.23**

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			

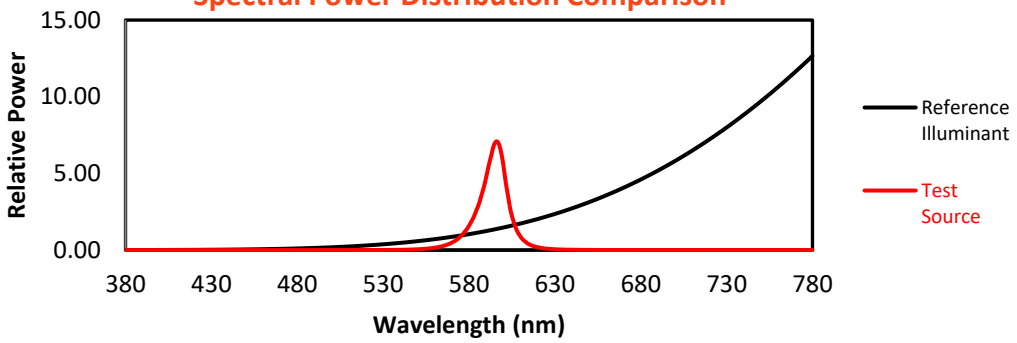
REPORT NUMBER: SP3-2509-541-1

TM-30-18

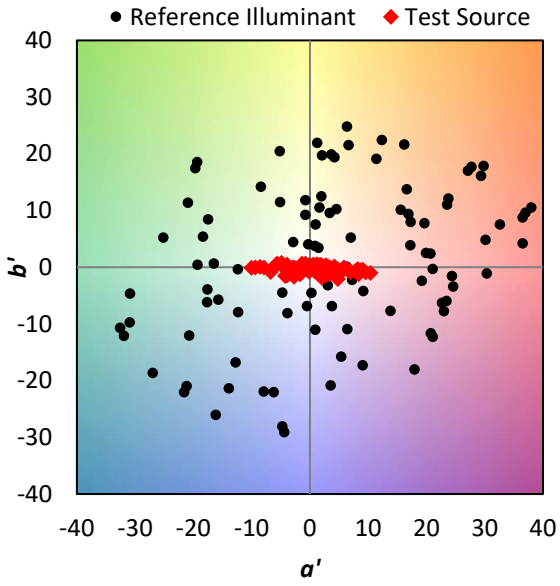
Summary

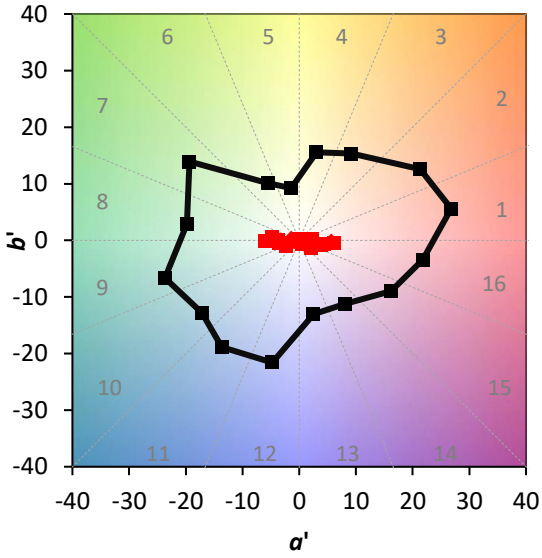
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

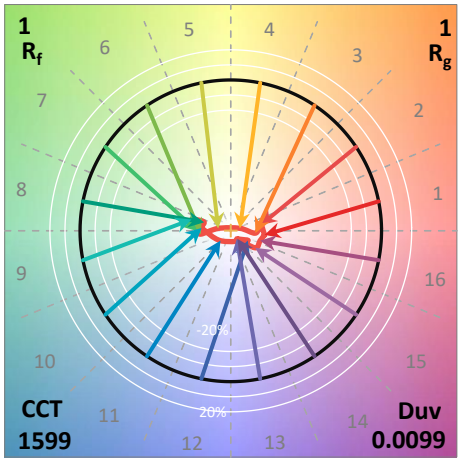
Spectral Power Distribution Comparison

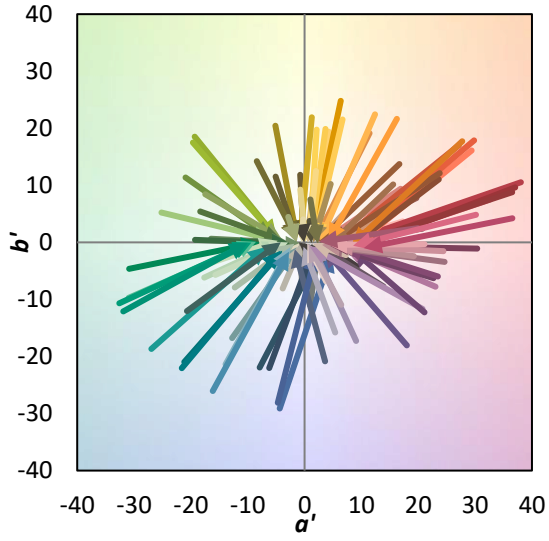


Color Vector Graphics







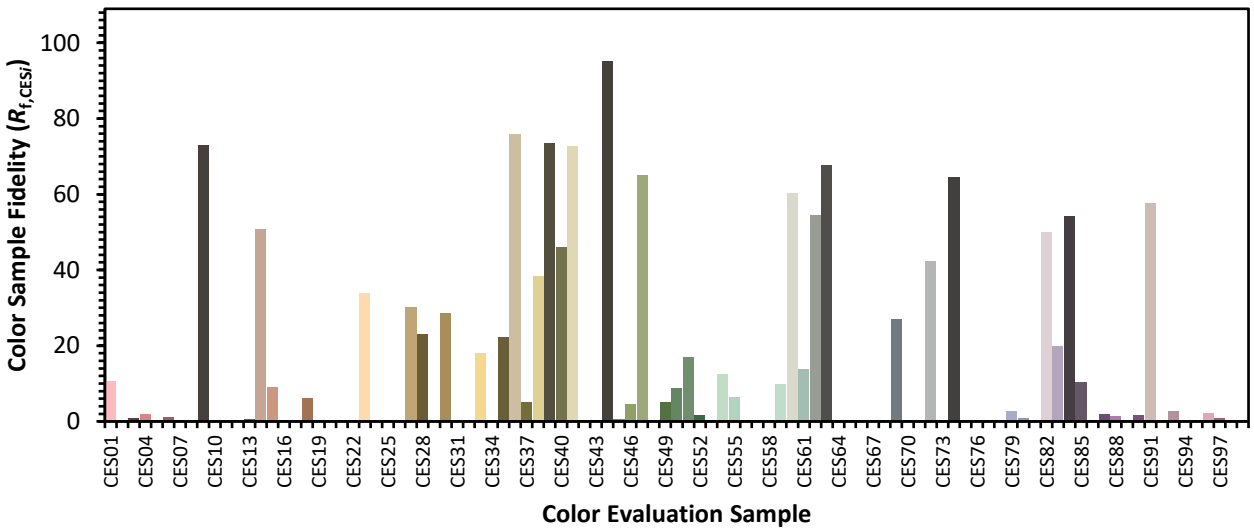


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

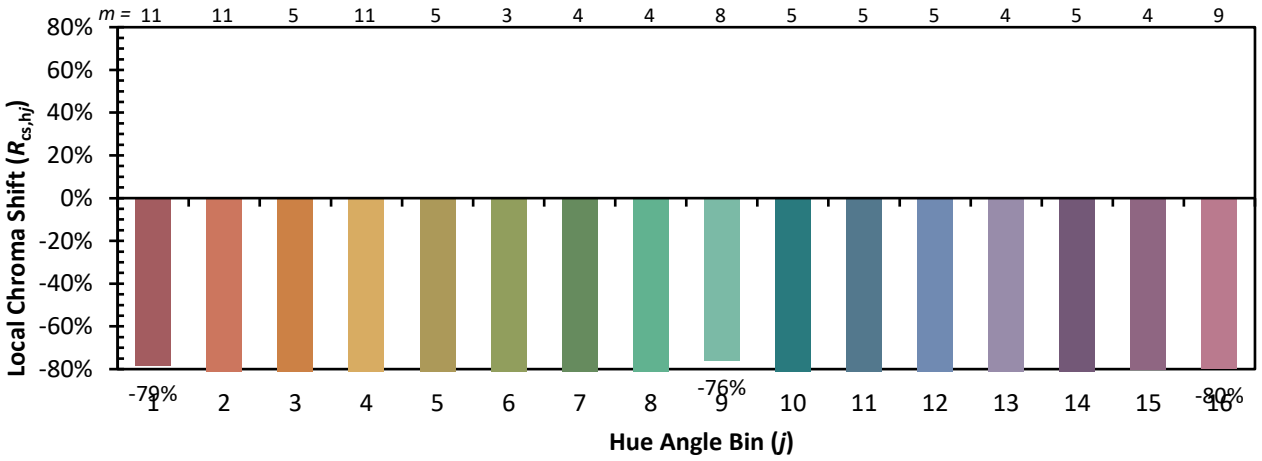
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 = 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	

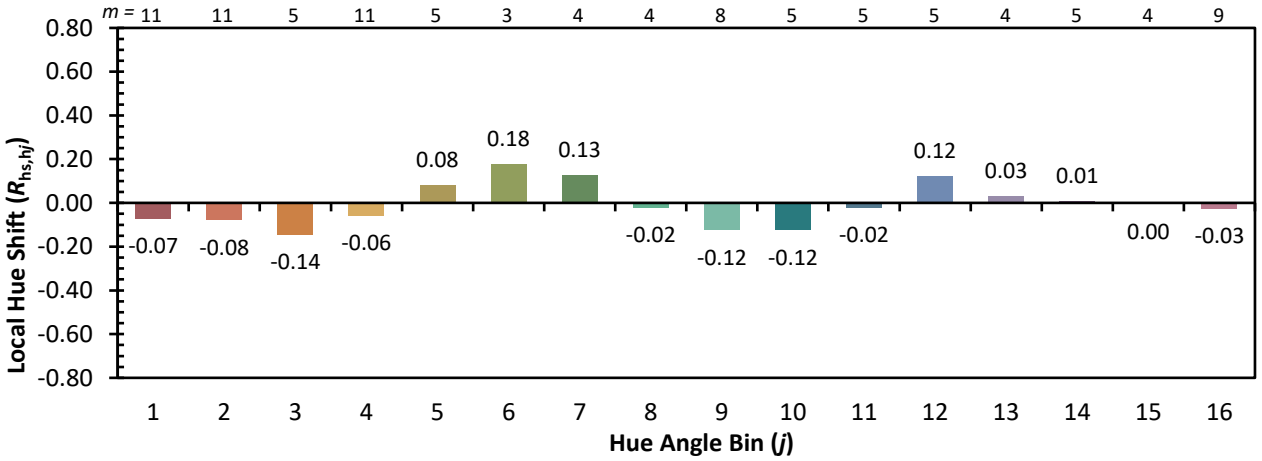


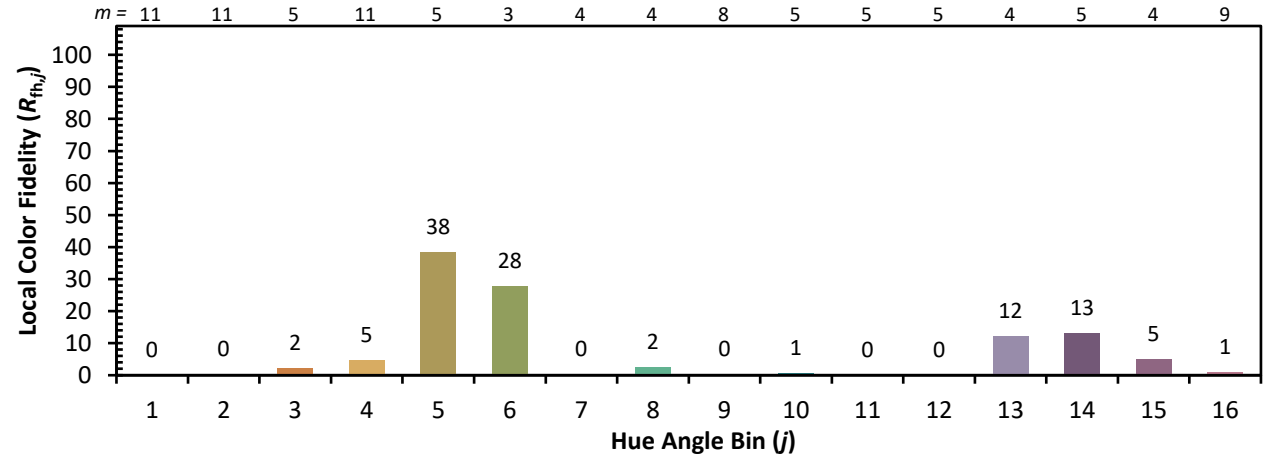
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



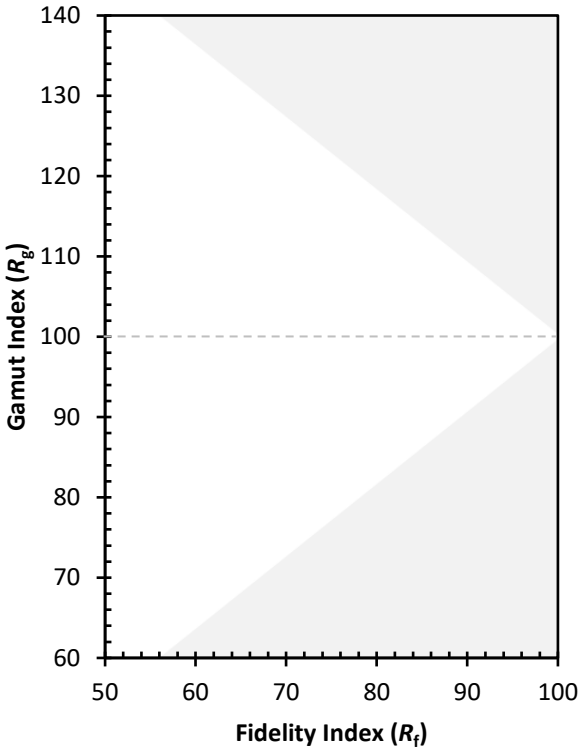


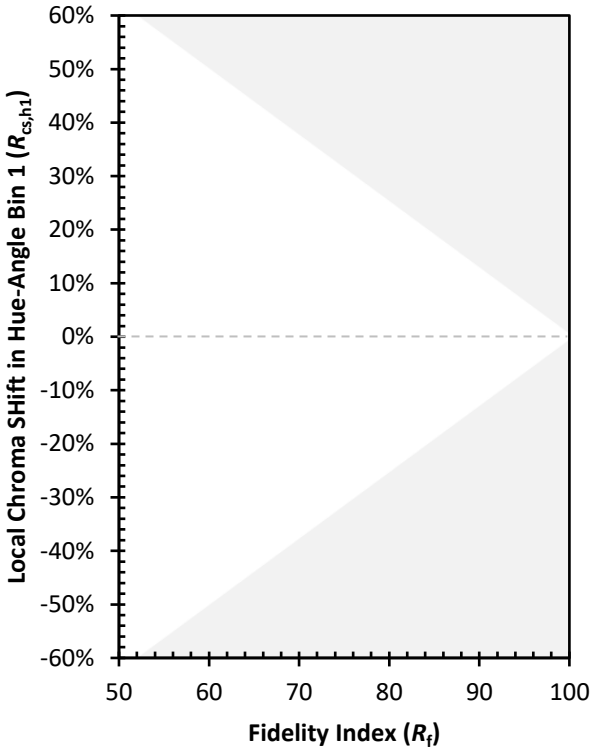


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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