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-T3LG

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-T3LG
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T3 LOW GLARE DISTRIBUTION
Light Source:	(130) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10181.2 lumens
Efficiency:	N/A
Efficacy:	63.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - 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

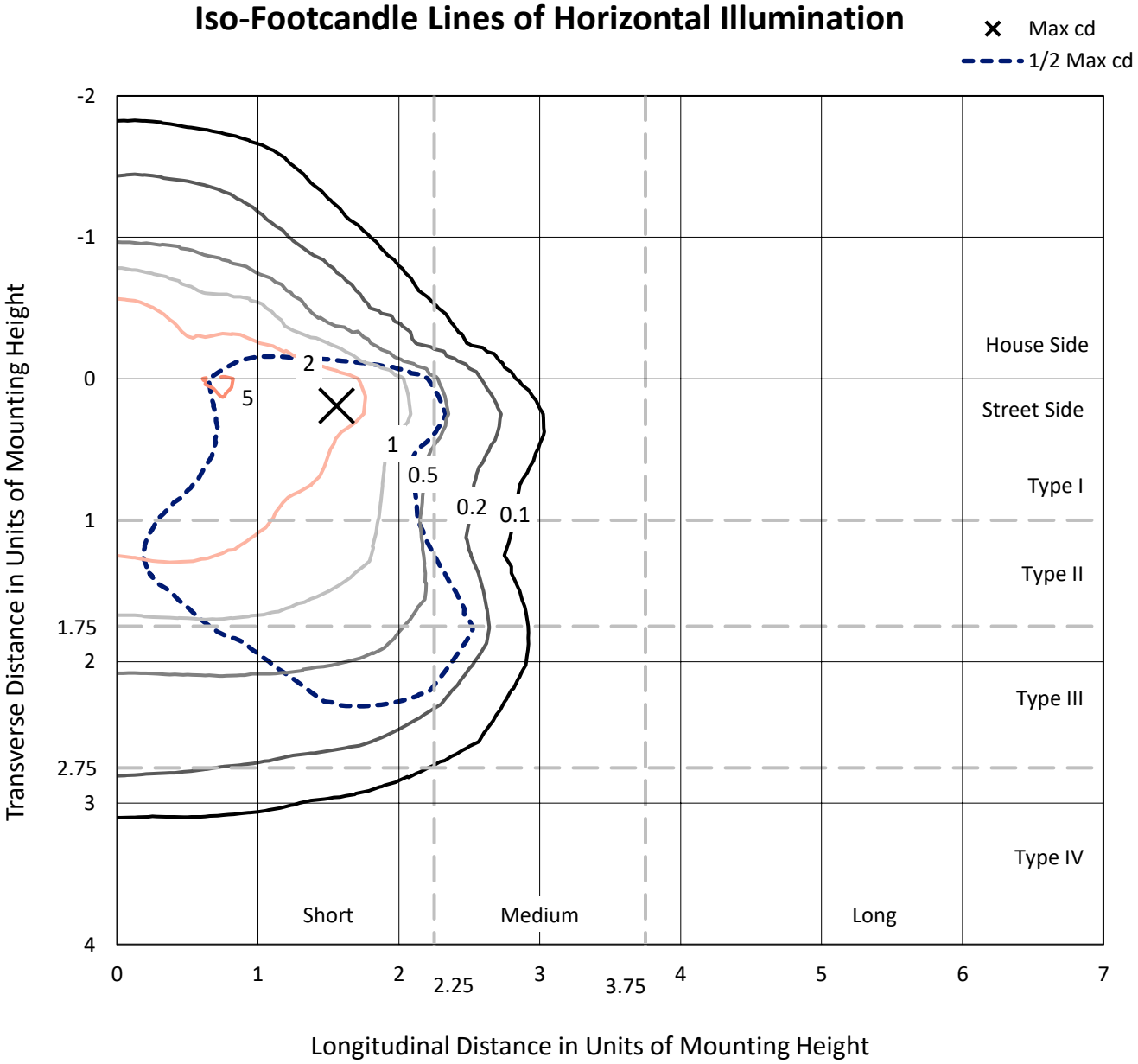


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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



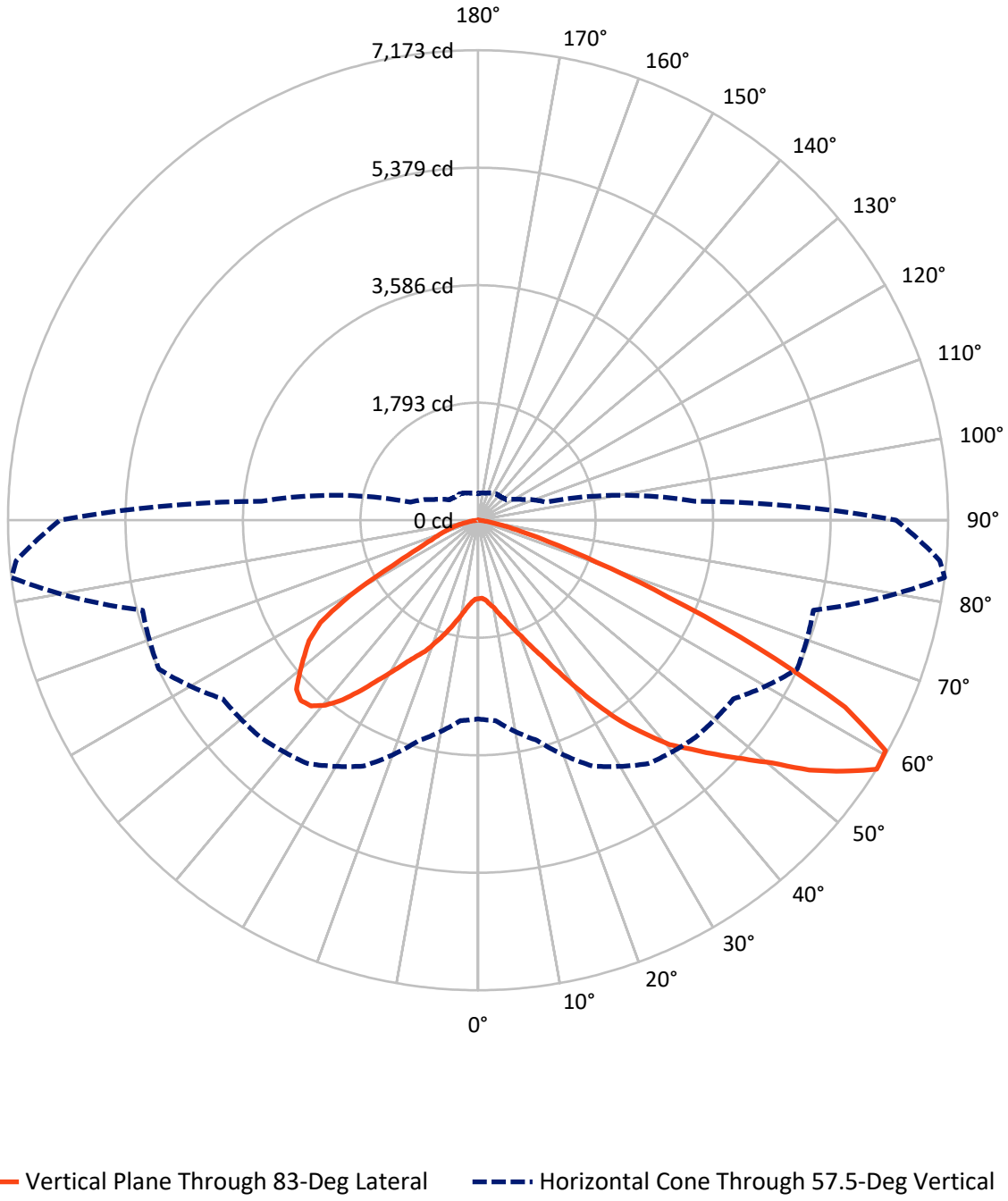
Based on 20 foot mounting height. Maximum calculated value = 5.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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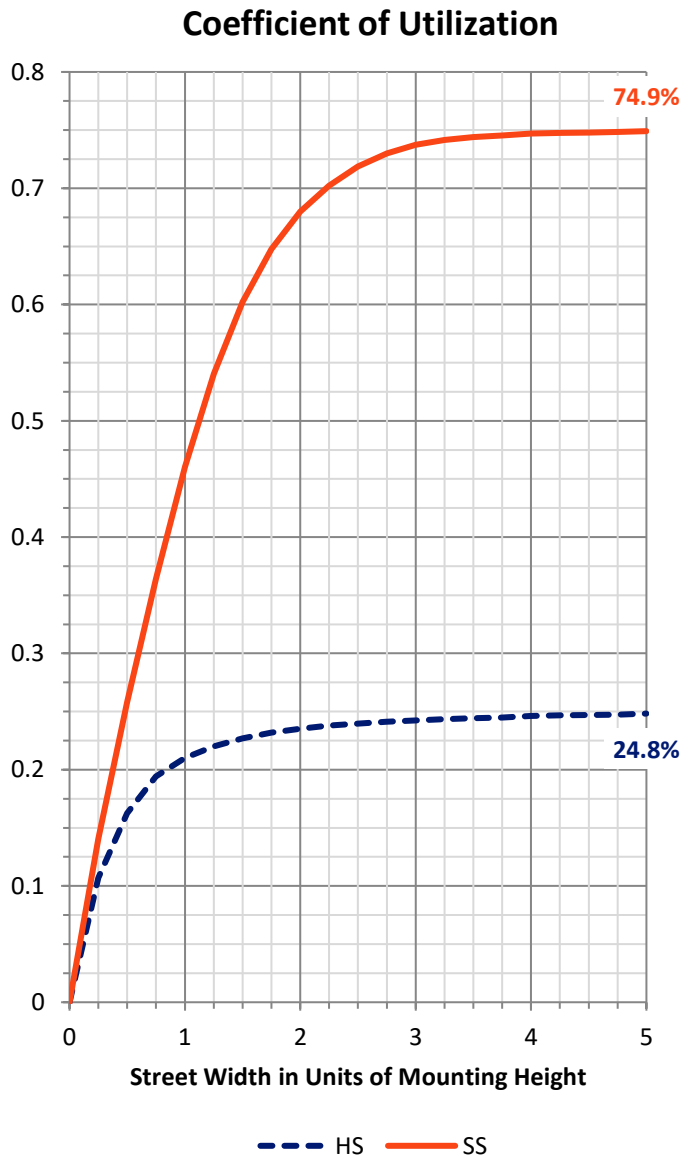
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2547.2	0.0	2547.2
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	7634.0	0.0	7634.0
	% Fixture	75.0	0.0	75.0
Total	Lumens	10181.2	0.0	10181.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.8	1.1
10°-20°	378.4	3.7
20°-30°	738.3	7.3
30°-40°	1324.2	13.0
40°-50°	2047.3	20.1
50°-60°	2517.5	24.7
60°-70°	2241.7	22.0
70°-80°	750.9	7.4
80°-90°	66.1	0.6
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°	10181.2	100.0
0°-180°	10181.2	100.0



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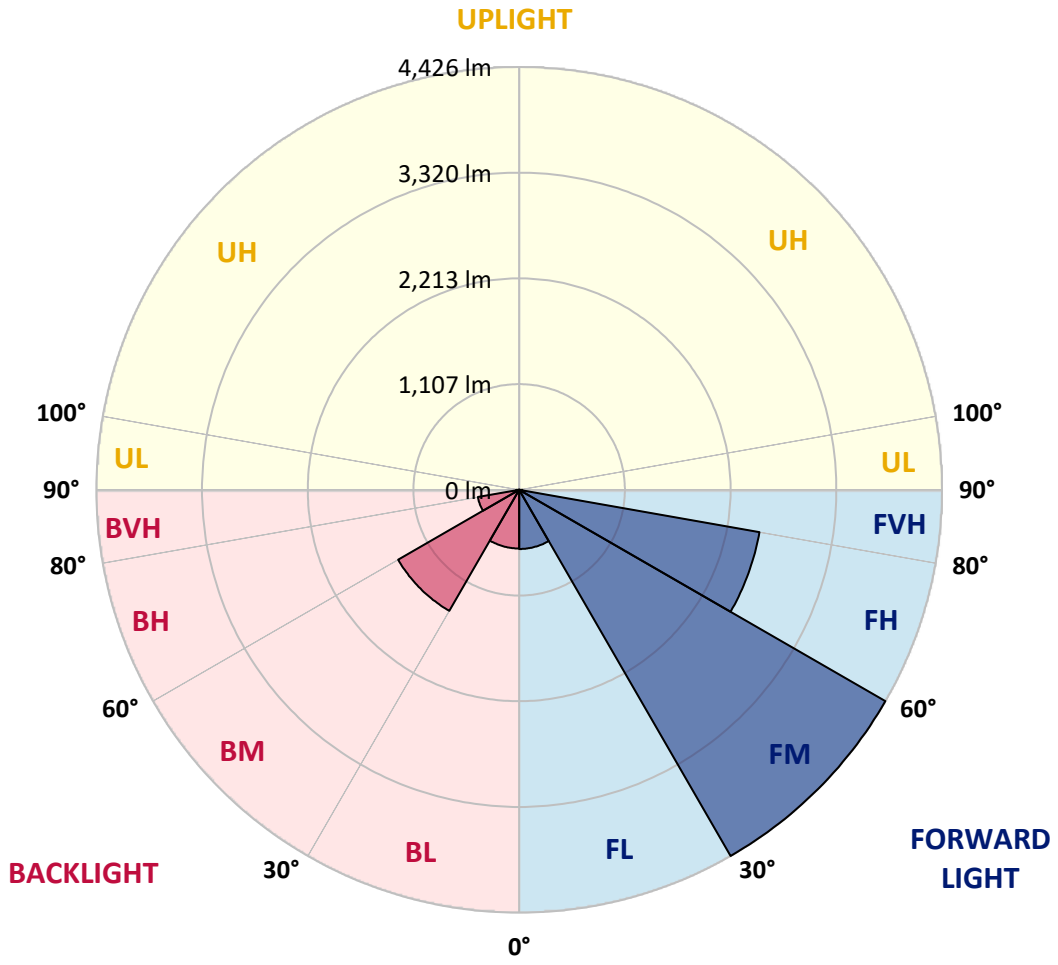
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	619.5	6.1			
FM	(30°-60°)	4426.3	43.5			
FH	(60°-80°)	2554.3	25.1			G2/5000
FVH	(80°-90°)	33.9	0.3			G1/100
BL	(0°-30°)	614.0	6.0	B2/1000		
BM	(30°-60°)	1462.7	14.4	B2/2500		
BH	(60°-80°)	438.4	4.3	B1/500		G1/500
BVH	(80°-90°)	32.2	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	*1197.0*	1197.0
2.5°	1154.7	1154.7	1159.4	1164.1	1164.1	1168.8	1168.8	1173.5	1187.6	*1192.3*	1192.3
5°	1051.5	1051.5	1065.5	1074.9	1098.4	1136.0	1164.1	1187.6	1206.4	*1225.1*	1225.1
7.5°	971.7	971.7	971.7	985.7	1018.6	1074.9	1145.3	1206.4	1262.7	*1290.9*	1290.9
10°	990.4	995.1	990.4	995.1	1009.2	1037.4	1117.2	1225.1	1328.4	*1361.3*	1380.0
12.5°	1018.6	1023.3	1023.3	1023.3	1037.4	1056.2	1112.5	1253.3	1403.5	*1473.9*	1483.3
15°	1056.2	1060.8	1051.5	1060.8	1070.2	1089.0	1131.3	1290.9	1502.1	*1586.6*	1610.0
17.5°	1107.8	1098.4	1103.1	1103.1	1112.5	1131.3	1187.6	1347.2	1624.1	*1736.8*	1755.6
20°	1159.4	1154.7	1154.7	1164.1	1182.9	1211.1	1276.8	1427.0	1769.6	*1891.7*	1929.2
22.5°	1215.8	1220.4	1225.1	1243.9	1267.4	1314.3	1389.4	1553.7	1933.9	*2098.2*	2117.0
25°	1290.9	1300.2	1314.3	1351.9	1394.1	1473.9	1553.7	1746.2	2159.2	*2323.5*	2351.7
27.5°	1441.1	1436.4	1450.5	1483.3	1553.7	1661.7	1793.1	2009.0	2436.2	*2619.3*	2666.2
30°	1708.6	1699.2	1689.8	1689.8	1755.6	1915.2	2070.1	2314.2	2755.4	*2976.0*	3004.2
32.5°	1929.2	1924.5	1943.3	1980.9	2056.0	2182.7	2408.0	2699.1	3121.5	*3370.3*	3393.8
35°	2145.2	2149.9	2154.6	2257.8	2426.8	2567.6	2797.6	3093.4	3468.9	*3774.0*	3811.5
37.5°	2403.3	2417.4	2473.7	2539.5	2764.8	2971.3	3163.8	3436.0	3755.2	*4130.7*	4215.2
40°	2675.6	2689.7	2788.2	2872.7	3098.1	3318.7	3483.0	3698.9	4013.4	*4501.6*	4567.3
42.5°	2929.1	2947.8	3093.4	3295.2	3445.4	3600.3	3774.0	3896.0	4177.7	*4778.5*	4900.6
45°	3093.4	3154.4	3370.3	3633.2	3811.5	3886.6	3938.3	4008.7	4342.0	*5097.7*	5233.8
47.5°	3191.9	3253.0	3553.4	3924.2	4088.5	4135.4	4008.7	4130.7	4492.2	*5440.4*	5548.3
50°	3238.9	3318.7	3666.0	4074.4	4299.7	4295.0	4027.5	4243.4	4656.5	*5820.6*	5900.4
52.5°	3323.4	3398.5	3745.8	4140.1	4379.5	4356.0	4088.5	4525.0	4853.6	*6332.2*	6266.5
55°	3154.4	3224.8	3731.7	4144.8	4407.7	4511.0	4313.8	4961.6	5158.7	*6759.4*	6703.1
57.5°	*3032.3*	*3069.9*	*3478.3*	*4140.1*	*4534.4*	*4689.3*	*4755.0*	*5374.7*	*5299.5*	*7172.5*	*7073.9*
60°	2891.5	2919.7	3271.7	3999.3	4623.6	4886.5	5262.0	5515.5	5121.2	*7144.3*	6989.4
62.5°	2614.6	2647.4	2999.5	3727.1	4576.7	5060.2	5679.8	5266.7	4529.7	*6285.3*	6078.8
65°	2398.6	2393.9	2675.6	3262.3	4365.4	5191.6	5773.6	4600.1	3403.2	*4689.3*	4581.4
67.5°	2544.2	2506.6	2656.8	3055.8	3891.3	5280.8	5412.2	3154.4	2262.5	*3126.2*	3093.4
70°	2262.5	2234.4	2389.3	2821.1	3633.2	4590.7	4506.3	1849.4	1473.9	*1915.2*	1924.5
72.5°	1229.8	1234.5	1525.6	1887.0	2802.3	3370.3	3253.0	1028.0	938.8	*1131.3*	1065.5
75°	244.1	253.5	417.8	685.3	1197.0	1863.5	1403.5	516.3	638.4	*671.2*	629.0
77.5°	173.7	178.4	211.2	267.6	375.5	624.3	455.3	342.7	413.1	*361.4*	356.7
80°	136.1	140.8	150.2	173.7	201.8	234.7	197.1	187.8	225.3	*183.1*	183.1
82.5°	108.0	103.3	98.6	103.3	117.4	112.7	89.2	103.3	126.7	*93.9*	84.5
85°	56.3	61.0	46.9	46.9	46.9	37.6	37.6	46.9	65.7	*42.2*	37.6
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	*4.7*	4.7
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: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0	1197.0
2.5°	1197.0	1201.7	1220.4	1220.4	1229.8	1239.2	1239.2	1239.2	1239.2	1248.6	1253.3
5°	1234.5	1253.3	1272.1	1290.9	1300.2	1295.5	1300.2	1295.5	1290.9	1290.9	1290.9
7.5°	1314.3	1328.4	1361.3	1375.3	1375.3	1361.3	1347.2	1337.8	1323.7	1328.4	1333.1
10°	1403.5	1436.4	1469.2	1469.2	1455.1	1431.7	1375.3	1300.2	1253.3	1239.2	1229.8
12.5°	1520.9	1563.1	1591.3	1577.2	1525.6	1370.7	1258.0	1220.4	1211.1	1211.1	1206.4
15°	1652.3	1703.9	1718.0	1671.1	1441.1	1286.2	1258.0	1253.3	1258.0	1267.4	1276.8
17.5°	1816.6	1849.4	1844.7	1666.4	1333.1	1286.2	1295.5	1304.9	1304.9	1314.3	1314.3
20°	1985.6	2009.0	1943.3	1506.8	1300.2	1304.9	1323.7	1342.5	1351.9	1351.9	1361.3
22.5°	2182.7	2192.1	2018.4	1375.3	1300.2	1304.9	1347.2	1370.7	1384.7	1375.3	1375.3
25°	2403.3	2356.4	1999.7	1328.4	1272.1	1300.2	1337.8	1356.6	1361.3	1351.9	1356.6
27.5°	2685.0	2586.4	1887.0	1304.9	1234.5	1258.0	1276.8	1286.2	1286.2	1286.2	1286.2
30°	3032.3	2863.4	1797.8	1304.9	1206.4	1192.3	1187.6	1187.6	1187.6	1187.6	1192.3
32.5°	3398.5	3140.3	1802.5	1337.8	1173.5	1112.5	1093.7	1070.2	1074.9	1074.9	1089.0
35°	3774.0	3459.5	1896.4	1394.1	1150.0	1046.8	995.1	971.7	962.3	967.0	985.7
37.5°	4130.7	3778.7	2023.1	1502.1	1154.7	985.7	915.3	873.1	840.2	821.5	844.9
40°	4459.3	4027.5	2178.0	1642.9	1178.2	929.4	830.8	765.1	704.1	671.2	680.6
42.5°	4722.2	4196.5	2276.6	1736.8	1178.2	873.1	755.7	680.6	591.4	544.5	544.5
45°	4956.9	4257.5	2253.1	1765.0	1150.0	816.8	685.3	582.1	521.0	497.6	502.3
47.5°	5158.7	4196.5	2149.9	1671.1	1070.2	751.0	610.2	539.8	492.9	474.1	474.1
50°	5416.9	3994.6	1896.4	1441.1	934.1	671.2	558.6	516.3	483.5	464.7	460.0
52.5°	5797.1	3816.2	1558.4	1136.0	774.5	577.4	535.1	502.3	474.1	455.3	445.9
55°	6130.4	3637.9	1286.2	891.9	624.3	530.4	511.6	488.2	445.9	441.2	427.2
57.5°	*6379.2*	*3318.7*	*1065.5*	*746.3*	*539.8*	*497.6*	*488.2*	*460.0*	*427.2*	*417.8*	*403.7*
60°	6233.7	2619.3	873.1	647.8	492.9	460.0	469.4	436.5	389.6	384.9	375.5
62.5°	5398.1	1657.0	713.5	544.5	450.6	427.2	436.5	389.6	352.1	342.7	338.0
65°	3867.9	1112.5	629.0	492.9	417.8	389.6	384.9	347.4	319.2	309.8	309.8
67.5°	2262.5	835.5	535.1	445.9	366.1	356.7	347.4	328.6	309.8	300.4	305.1
70°	1173.5	680.6	445.9	399.0	319.2	300.4	319.2	314.5	281.6	286.3	286.3
72.5°	713.5	530.4	408.4	366.1	262.9	253.5	281.6	291.0	267.6	286.3	286.3
75°	502.3	408.4	366.1	323.9	215.9	215.9	248.8	276.9	258.2	272.3	262.9
77.5°	295.7	272.3	281.6	262.9	169.0	173.7	215.9	253.5	220.6	244.1	211.2
80°	159.6	169.0	197.1	164.3	117.4	136.1	169.0	197.1	169.0	173.7	150.2
82.5°	79.8	98.6	131.4	108.0	70.4	84.5	112.7	122.0	103.3	103.3	103.3
85°	28.2	32.9	65.7	51.6	28.2	28.2	51.6	61.0	51.6	46.9	46.9
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
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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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

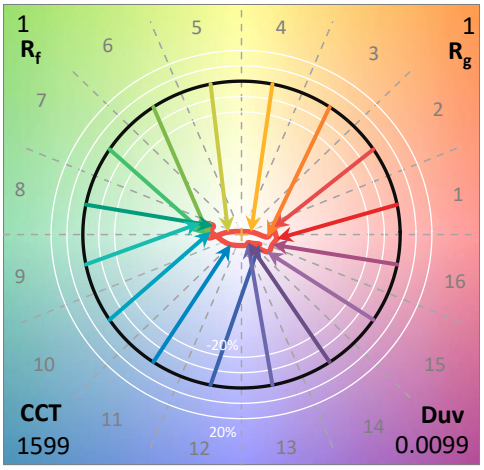
Test Information

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

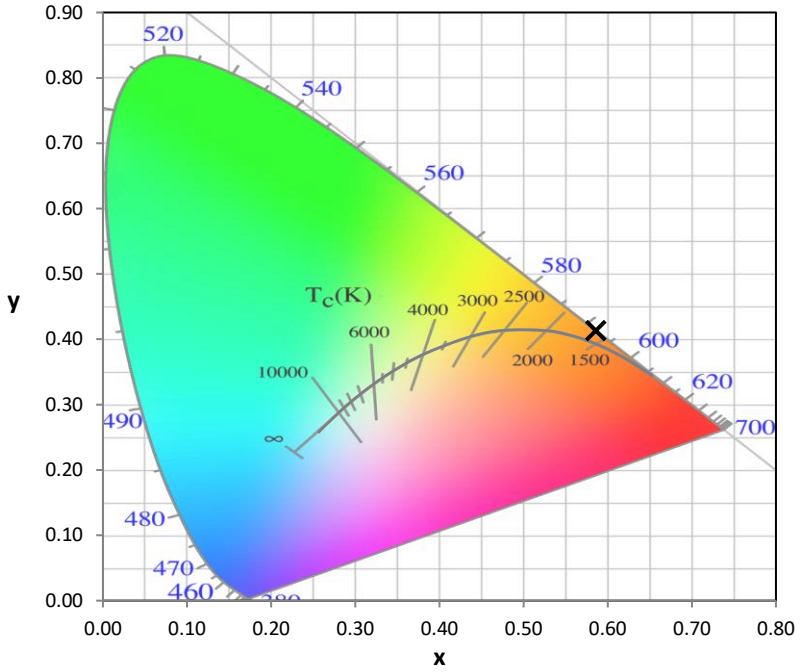
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

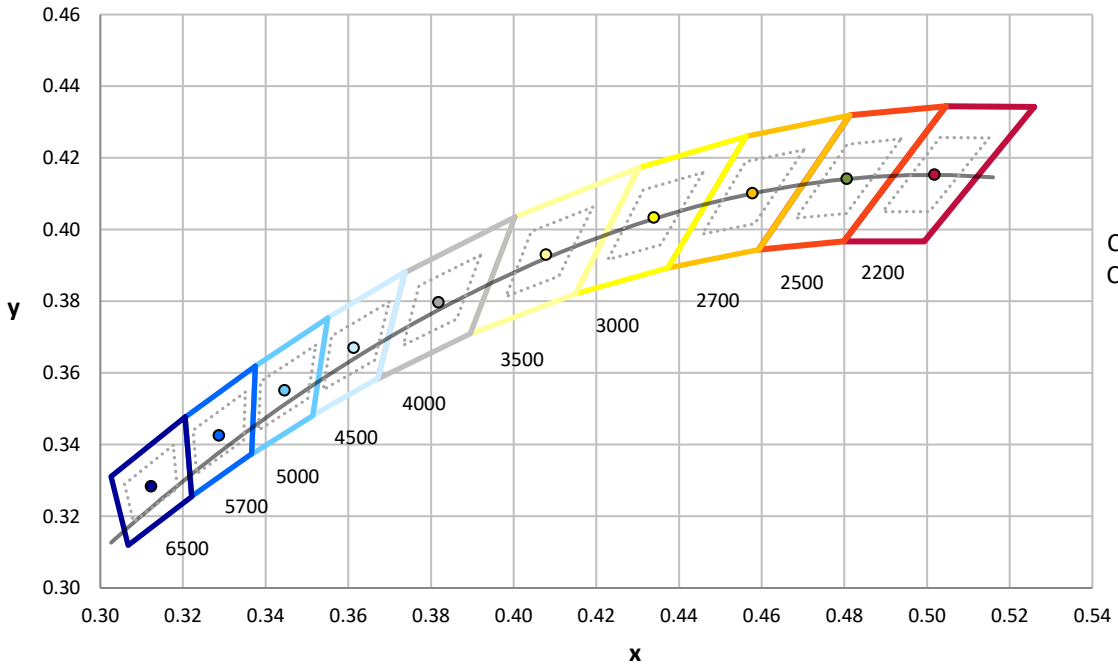
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

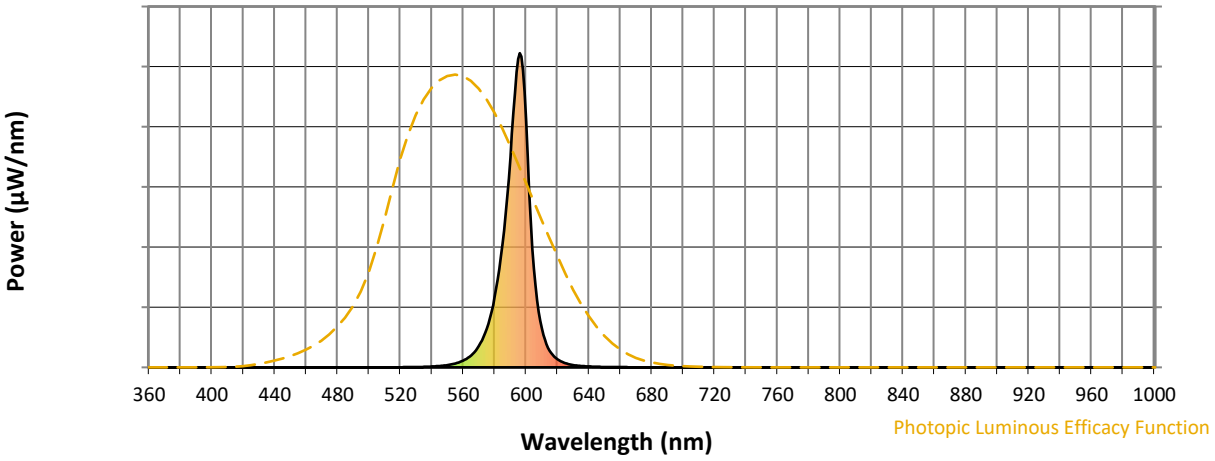


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

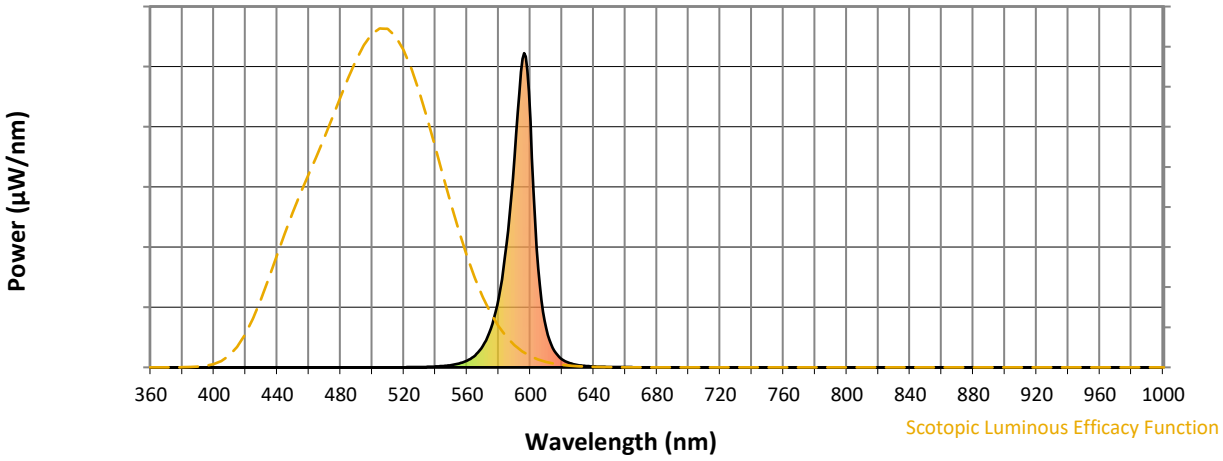


Photopic Lumens: NR

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

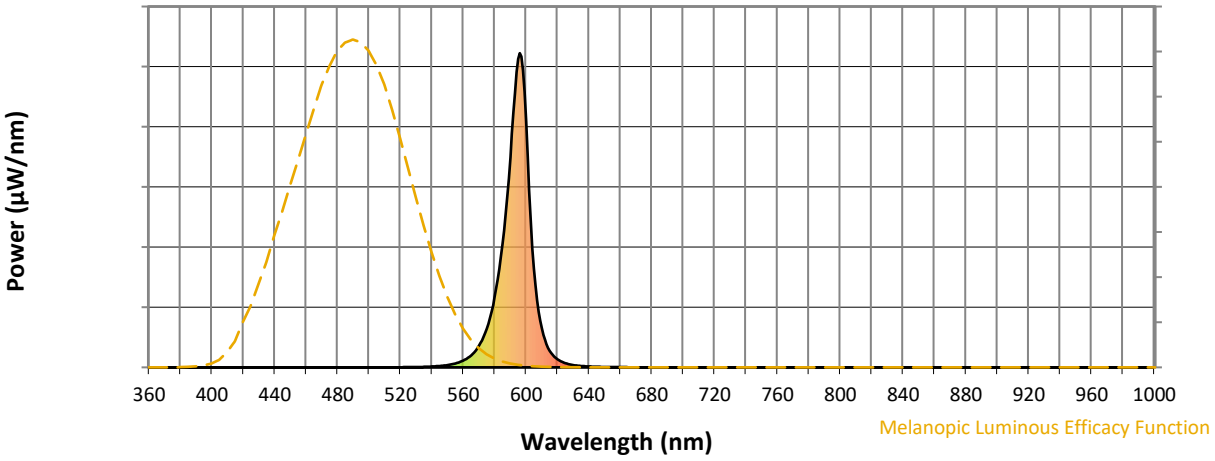


Scotopic Lumens: NR **S/P: 0.23**

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			

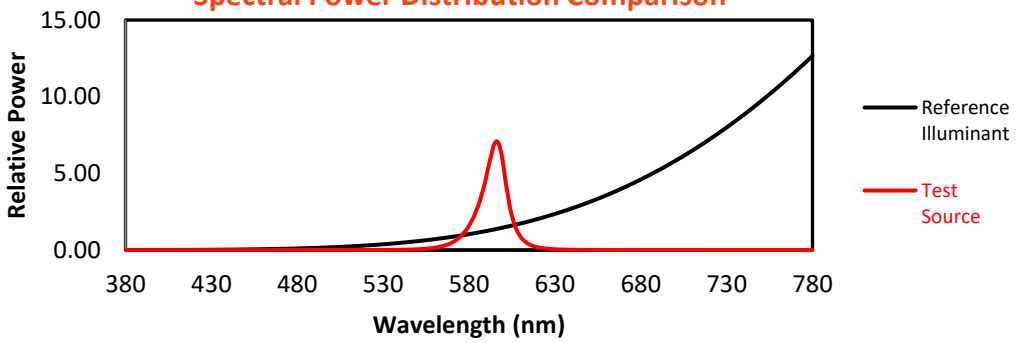
REPORT NUMBER: SP3-2509-541-1

TM-30-18

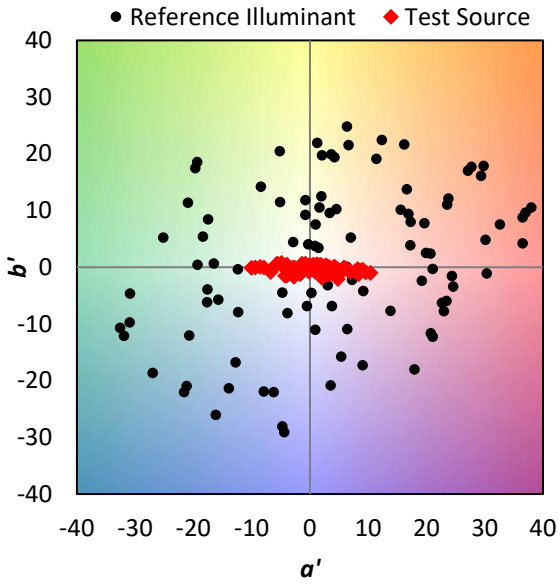
Summary

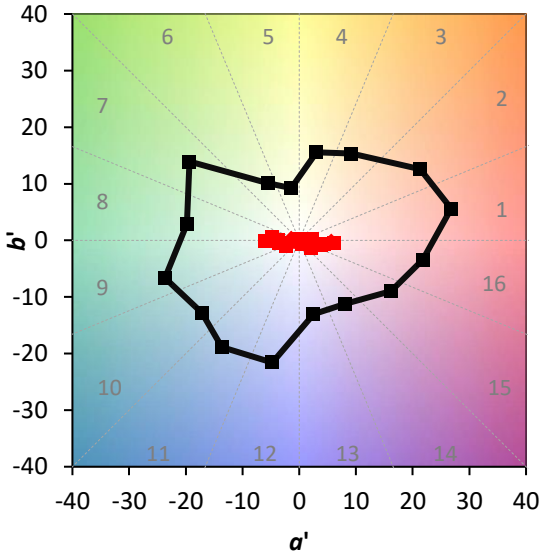
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

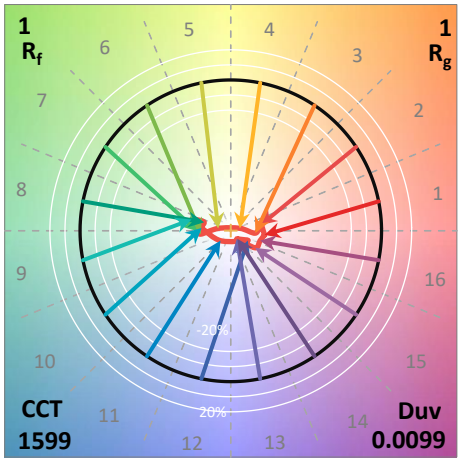
Spectral Power Distribution Comparison

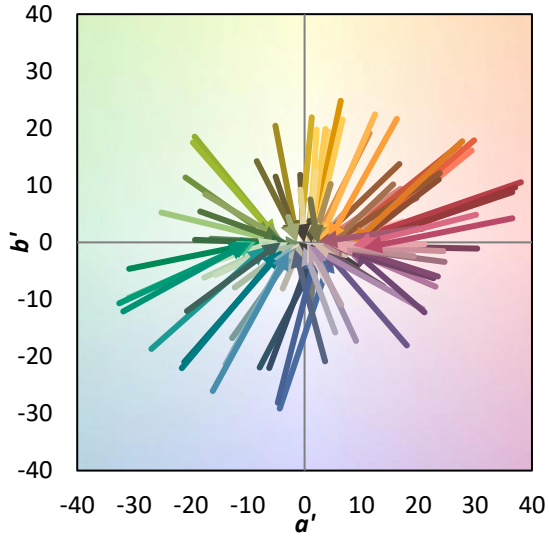


Color Vector Graphics







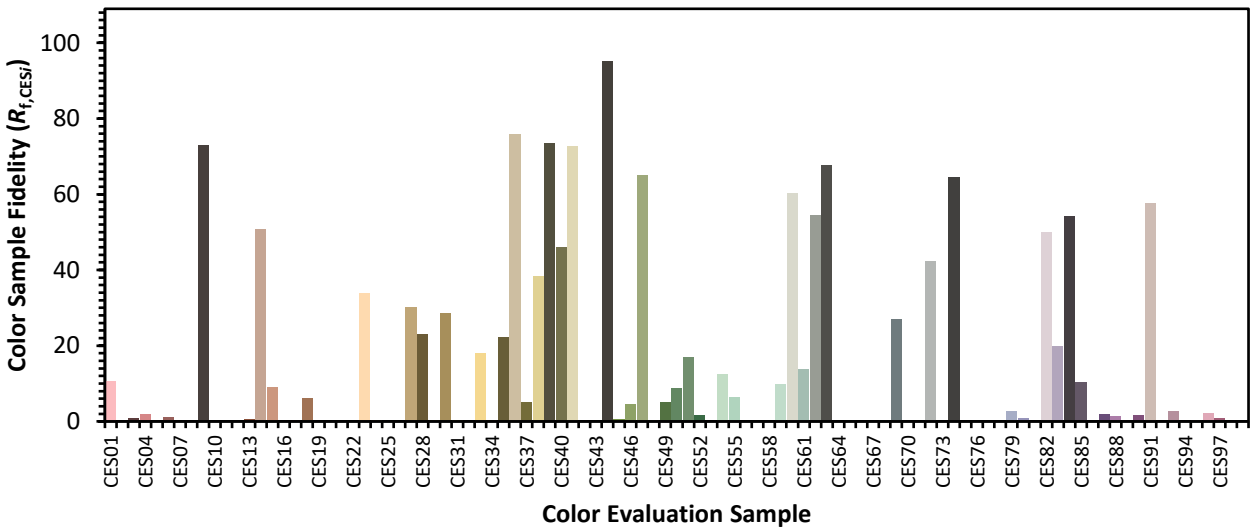


REPORT NUMBER: SP3-2509-541-1

TM-30-18

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

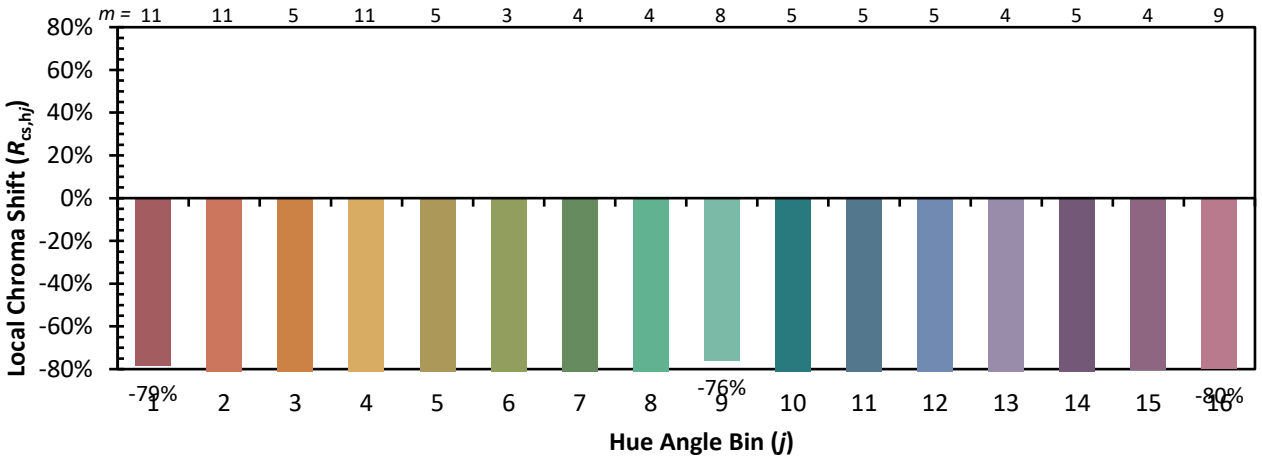
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

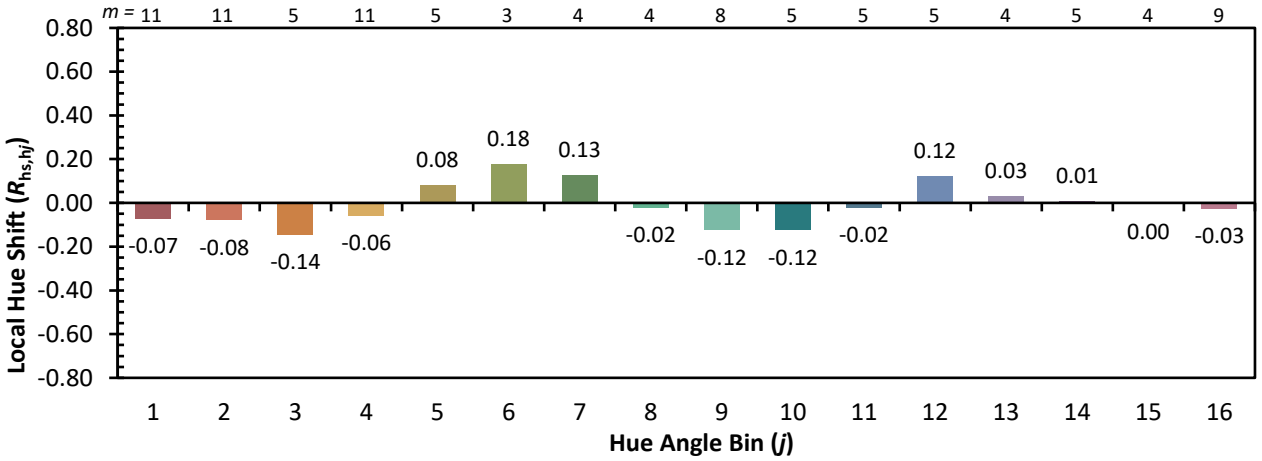


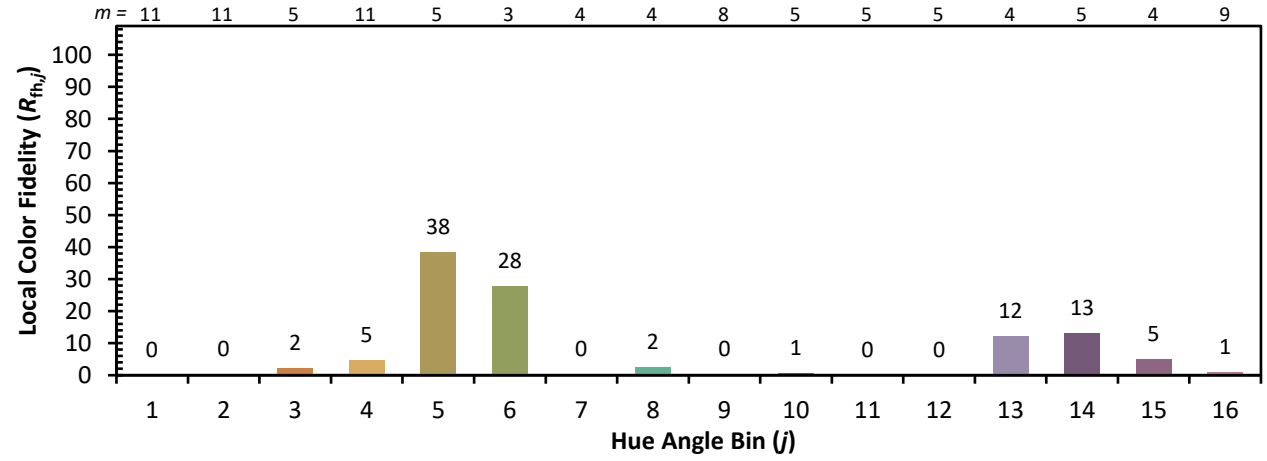
REPORT NUMBER: SP3-2509-541-1

TM-30-18

Color Rendition by Hue-Angle Bin



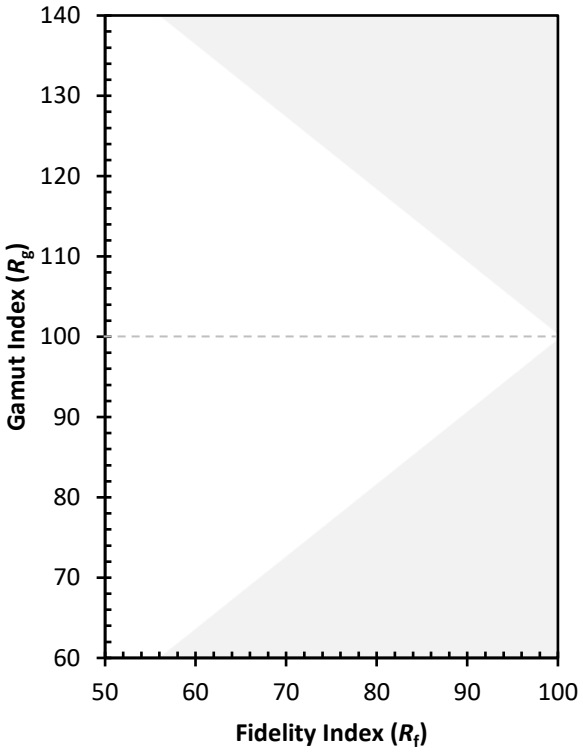


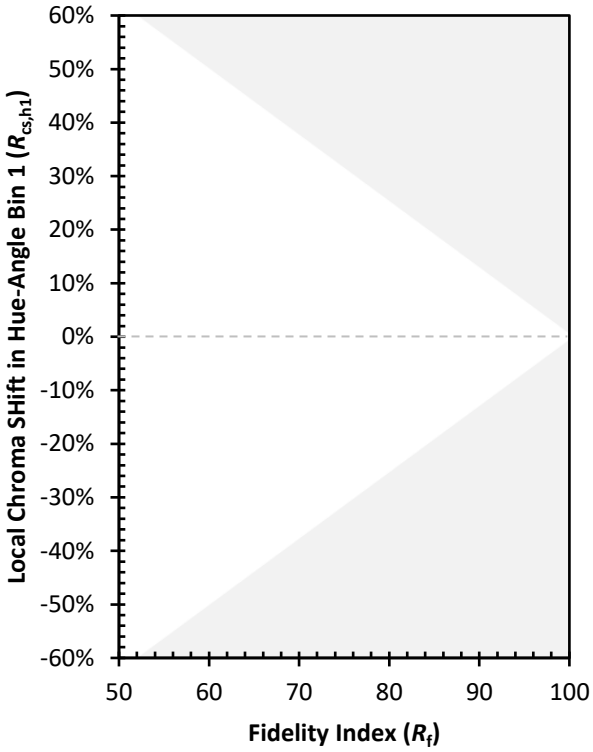


REPORT NUMBER: SP3-2509-541-1

TM-30-18

Measure Comparisons





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