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-T4FT-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-T4FT-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 5SQUARE 161W 1590K FIXTURE w/ T4 FORWARD THROW 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:	7233.6 lumens
Efficiency:	N/A
Efficacy:	45.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - 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

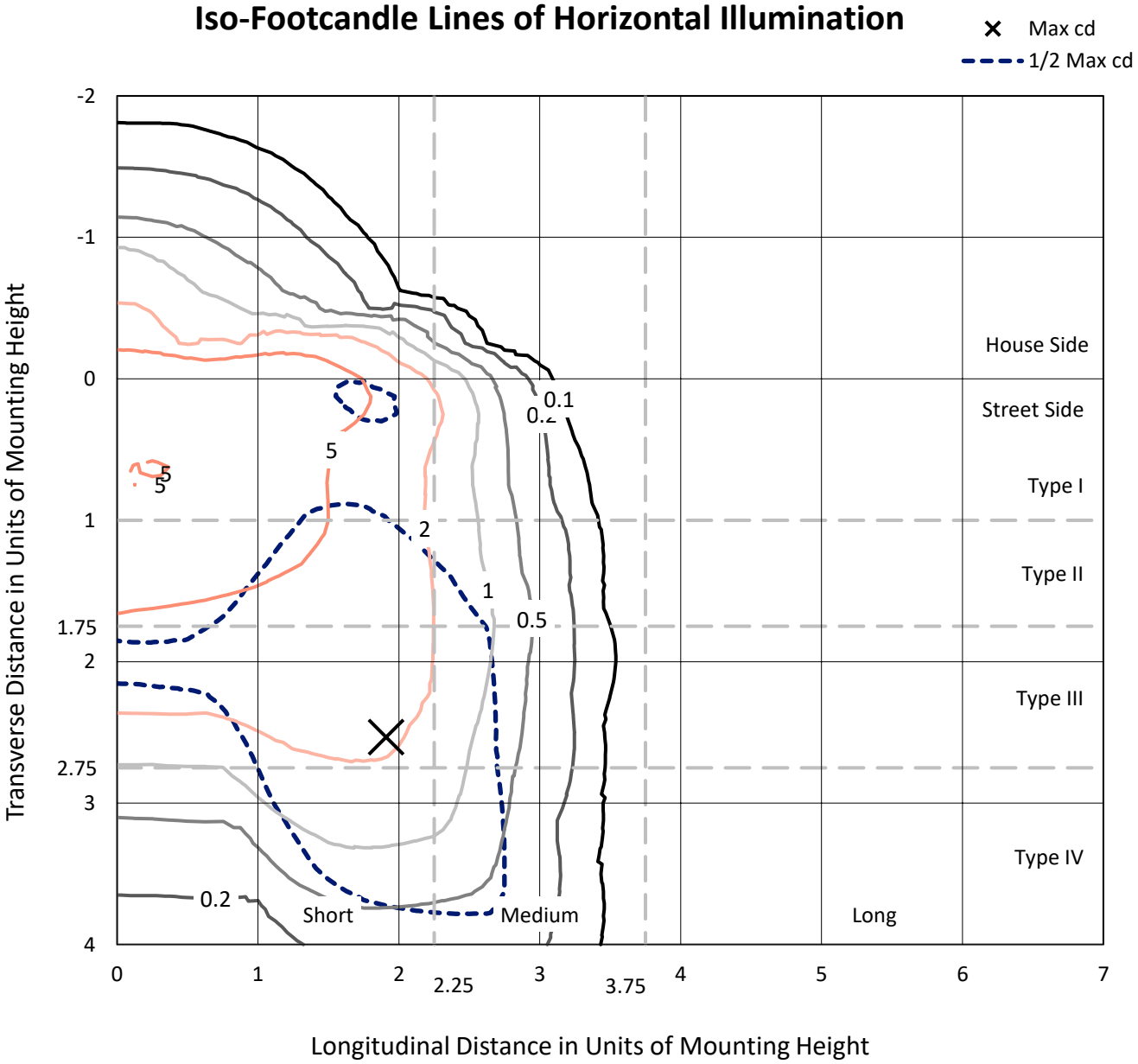


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REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4FT-HSS

Iso-Footcandle Lines of Horizontal Illumination



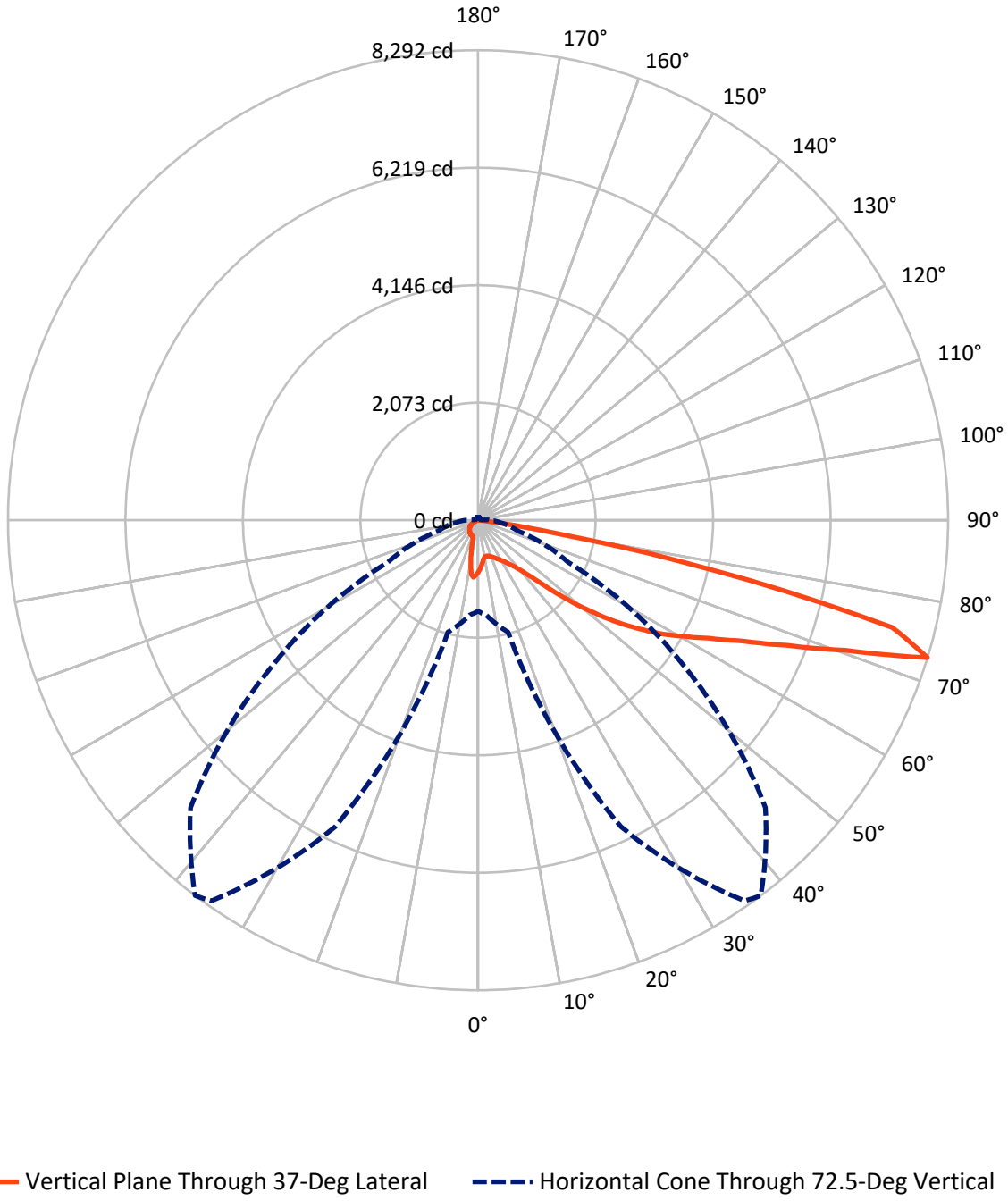
Based on 10 foot mounting height. Maximum calculated value = 9.1 fc
Type IV - Short - N/A

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REPORT NUMBER: P1704732
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Luminous Intensity Polar Plot



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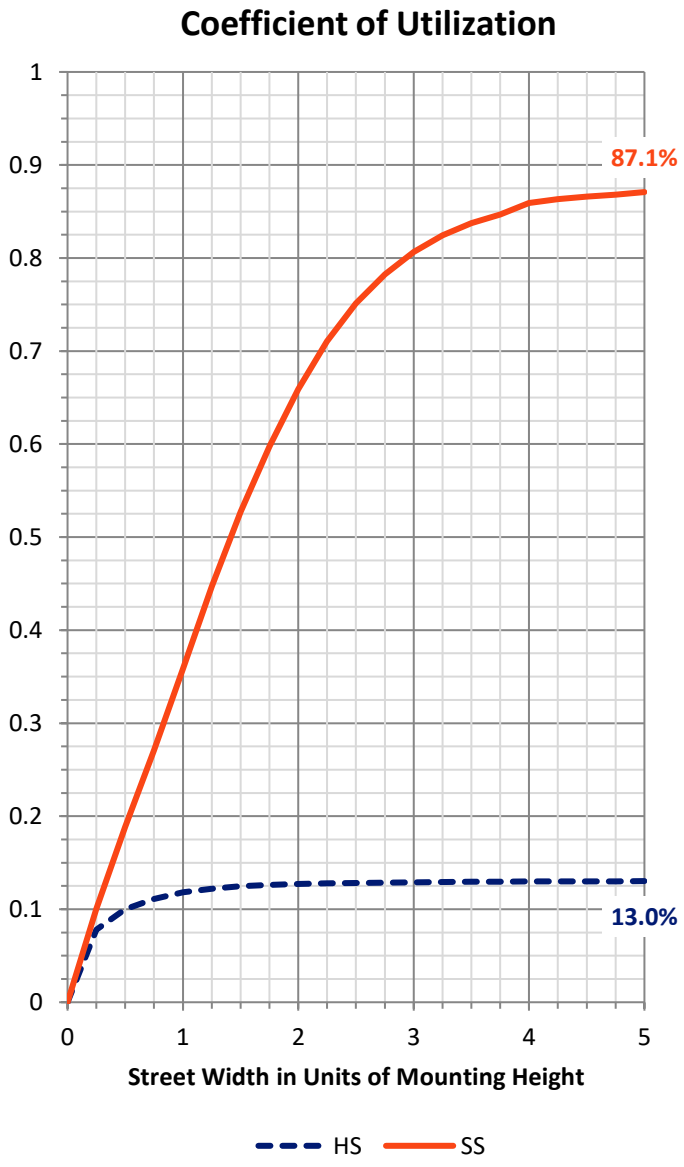
REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4FT-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	951.3	0.0	951.3
	% Fixture	13.2	0.0	13.2
Street Side	Lumens	6282.2	0.0	6282.2
	% Fixture	86.8	0.0	86.8
Total	Lumens	7233.6	0.0	7233.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.0	1.1
10°-20°	188.2	2.6
20°-30°	295.8	4.1
30°-40°	476.5	6.6
40°-50°	945.9	13.1
50°-60°	1707.5	23.6
60°-70°	2226.9	30.8
70°-80°	1261.6	17.4
80°-90°	50.1	0.7
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°	7233.6	100.0
0°-180°	7233.6	100.0



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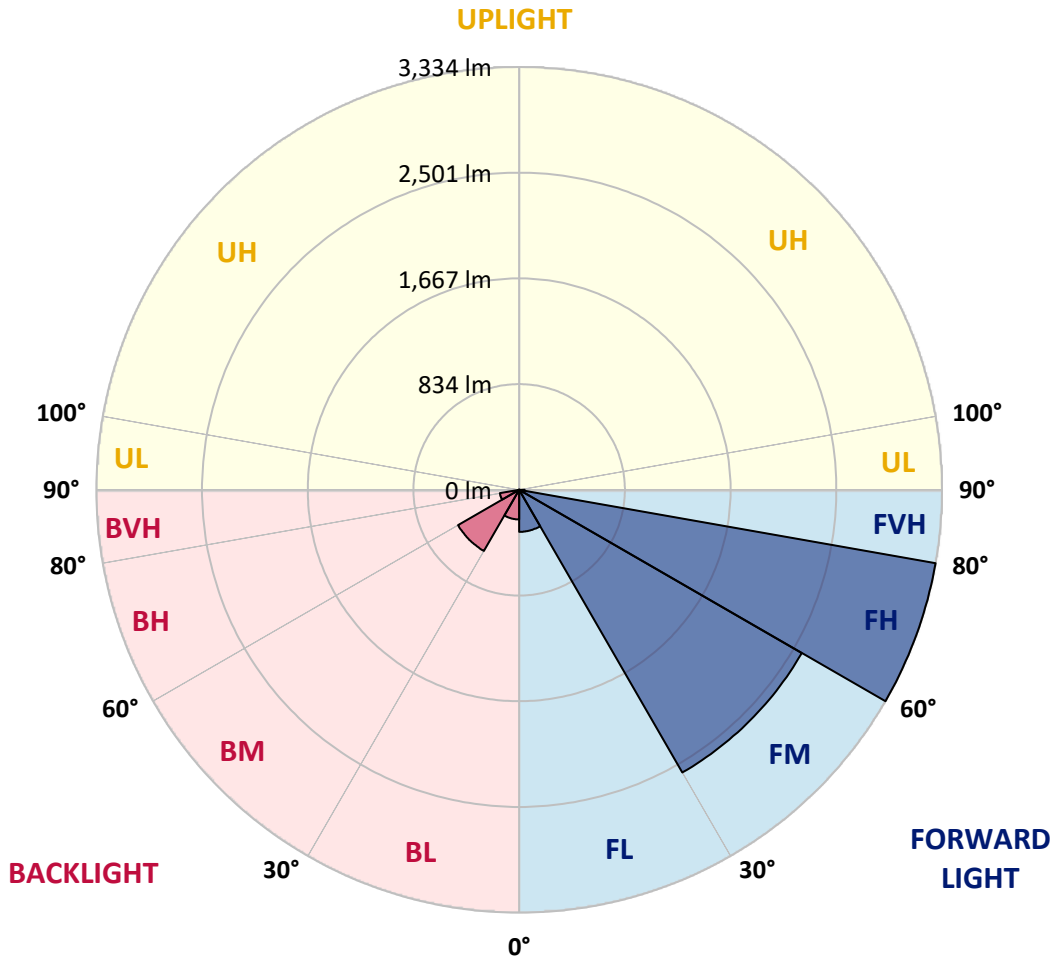
Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4FT-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	331.3	4.6			
FM	(30°-60°)	2573.5	35.6			
FH	(60°-80°)	3334.1	46.1			G2/5000
FVH	(80°-90°)	43.3	0.6			G1/100
BL	(0°-30°)	233.7	3.2	B1/500		
BM	(30°-60°)	556.5	7.7	B1/1000		
BH	(60°-80°)	154.4	2.1	B1/500		G1/500
BVH	(80°-90°)	6.8	0.1			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 IV Short



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REPORT NUMBER: P1704732
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37°	45°	55°	65°	75°	85°
0°	910.4	910.4	910.4	910.4	910.4	*910.4*	910.4	910.4	910.4	910.4	910.4
2.5°	840.0	840.0	840.0	840.0	849.4	*844.7*	854.0	868.1	877.5	891.6	905.7
5°	727.3	727.3	727.3	736.7	755.5	*760.2*	779.0	797.7	830.6	863.4	901.0
7.5°	657.0	652.3	657.0	666.3	689.8	*694.5*	713.3	750.8	793.0	840.0	891.6
10°	624.1	619.4	624.1	633.5	652.3	*657.0*	680.4	718.0	769.6	830.6	896.3
12.5°	614.7	619.4	619.4	624.1	642.9	*647.6*	671.0	713.3	764.9	830.6	896.3
15°	628.8	624.1	624.1	628.8	647.6	*652.3*	675.7	718.0	769.6	840.0	919.7
17.5°	647.6	642.9	638.2	642.9	661.6	*666.3*	694.5	741.4	788.3	854.0	933.8
20°	666.3	671.0	661.6	661.6	685.1	*689.8*	713.3	760.2	821.2	872.8	957.3
22.5°	699.2	699.2	685.1	685.1	713.3	*713.3*	746.1	793.0	844.7	901.0	985.4
25°	736.7	732.0	718.0	718.0	741.4	*746.1*	783.7	830.6	882.2	929.1	1023.0
27.5°	774.3	774.3	755.5	755.5	774.3	*779.0*	825.9	886.9	924.4	962.0	1069.9
30°	802.4	797.7	788.3	788.3	821.2	*825.9*	872.8	943.2	980.7	1013.6	1126.2
32.5°	830.6	825.9	825.9	825.9	868.1	*877.5*	938.5	1013.6	1060.5	1088.7	1201.3
35°	877.5	868.1	868.1	882.2	933.8	*947.9*	1023.0	1112.1	1168.4	1173.1	1295.1
37.5°	1051.1	1032.4	971.4	962.0	1018.3	*1032.4*	1126.2	1248.2	1309.2	1295.1	1426.5
40°	1501.6	1450.0	1281.1	1140.3	1140.3	*1159.1*	1257.6	1421.8	1487.5	1445.3	1586.1
42.5°	1956.8	1905.2	1722.2	1473.5	1346.8	*1346.8*	1464.1	1642.4	1698.7	1637.7	1792.6
45°	2224.3	2191.4	2046.0	1877.0	1661.2	*1637.7*	1703.4	1895.8	1942.7	1844.2	2050.6
47.5°	2397.9	2383.8	2280.6	2219.6	2055.3	*2031.9*	2046.0	2238.3	2238.3	2083.5	2369.7
50°	2665.4	2656.0	2580.9	2557.4	2487.1	*2458.9*	2482.4	2623.1	2524.6	2365.0	2745.1
52.5°	2928.2	2923.5	2881.2	2937.5	2895.3	*2900.0*	2956.3	3031.4	2848.4	2688.8	3167.5
55°	3097.1	3106.5	3186.2	3280.1	3355.2	*3341.1*	3416.2	3444.3	3144.0	2956.3	3688.3
57.5°	3439.6	3397.4	3430.3	3580.4	3744.7	*3768.1*	3852.6	3885.4	3439.6	3256.6	4152.9
60°	3782.2	3721.2	3749.3	3890.1	4143.5	*4157.6*	4331.2	4312.5	3669.6	3519.4	4537.7
62.5°	4246.8	4199.8	4106.0	4232.7	4528.3	*4584.6*	4828.6	4725.4	3894.8	3542.9	4453.2
65°	4176.4	4195.1	4448.5	4744.2	5086.7	*5138.3*	5410.5	5110.2	3796.3	3205.0	3965.2
67.5°	3205.0	3284.8	3777.5	5110.2	5856.3	*5898.5*	6170.7	5147.7	3500.6	2768.6	2961.0
70°	2402.6	2435.4	2885.9	5518.4	6738.5	*6869.9*	7146.8	4964.7	3003.2	1717.5	1276.4
72.5°	*1604.9*	*1679.9*	*2041.3*	*5964.2*	*8197.9*	*8291.7*	*7170.2*	*4368.8*	*1755.0*	*718.0*	*370.7*
75°	1004.2	1027.7	1267.0	5251.0	7770.9	*7545.6*	4373.5	1731.6	628.8	323.8	150.2
77.5°	281.6	305.0	380.1	2684.1	4420.4	*4260.8*	1576.7	300.3	281.6	206.5	89.2
80°	61.0	70.4	117.3	459.9	1295.1	*1342.1*	361.3	150.2	168.9	145.5	61.0
82.5°	28.2	32.8	70.4	150.2	248.7	*244.0*	103.2	89.2	112.6	89.2	32.8
85°	14.1	14.1	37.5	61.0	70.4	*65.7*	42.2	32.8	56.3	51.6	23.5
87.5°	0.0	4.7	4.7	9.4	9.4	*9.4*	9.4	9.4	14.1	9.4	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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Scaled Data Report

REPORT NUMBER: P1704732
CATALOG NUMBER: GSS-SB5A-AMB-U-T4FT-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	910.4	910.4	910.4	910.4	910.4	910.4	910.4	910.4	910.4	910.4	910.4
2.5°	910.4	915.0	929.1	933.8	947.9	962.0	966.7	971.4	971.4	976.1	976.1
5°	910.4	929.1	957.3	971.4	990.1	1004.2	1013.6	1008.9	1008.9	1008.9	1004.2
7.5°	910.4	933.8	971.4	990.1	1008.9	985.4	957.3	910.4	877.5	868.1	868.1
10°	919.7	947.9	985.4	1004.2	952.6	858.7	764.9	694.5	633.5	610.0	619.4
12.5°	933.8	962.0	1004.2	966.7	821.2	675.7	544.3	436.4	384.8	361.3	361.3
15°	957.3	990.1	1023.0	891.6	661.6	464.6	347.2	319.1	314.4	319.1	314.4
17.5°	976.1	1008.9	1004.2	755.5	497.4	319.1	305.0	305.0	309.7	309.7	309.7
20°	1004.2	1037.1	976.1	624.1	333.2	295.6	295.6	300.3	300.3	305.0	305.0
22.5°	1037.1	1069.9	910.4	483.3	286.2	286.2	290.9	295.6	295.6	300.3	300.3
25°	1074.6	1112.1	830.6	351.9	276.9	281.6	286.2	290.9	295.6	295.6	295.6
27.5°	1135.6	1168.4	750.8	276.9	267.5	272.2	281.6	290.9	295.6	295.6	290.9
30°	1201.3	1238.8	671.0	267.5	258.1	267.5	276.9	290.9	295.6	290.9	290.9
32.5°	1285.8	1323.3	591.3	272.2	258.1	253.4	267.5	286.2	295.6	290.9	290.9
35°	1403.1	1417.2	535.0	300.3	272.2	248.7	258.1	276.9	290.9	290.9	290.9
37.5°	1557.9	1534.5	506.8	323.8	281.6	239.3	244.0	258.1	276.9	290.9	290.9
40°	1783.2	1708.1	497.4	342.6	276.9	229.9	229.9	239.3	258.1	281.6	286.2
42.5°	2036.6	1895.8	502.1	342.6	262.8	225.2	220.5	225.2	239.3	253.4	258.1
45°	2322.8	2139.8	558.4	323.8	248.7	215.9	206.5	211.2	215.9	225.2	220.5
47.5°	2656.0	2379.1	657.0	286.2	239.3	211.2	197.1	197.1	192.4	187.7	187.7
50°	3045.5	2590.3	703.9	258.1	229.9	197.1	187.7	178.3	164.2	164.2	159.5
52.5°	3444.3	2806.1	624.1	239.3	215.9	187.7	168.9	159.5	145.5	140.8	140.8
55°	3791.6	2914.1	464.6	225.2	197.1	168.9	150.2	140.8	126.7	122.0	122.0
57.5°	4016.8	2843.7	319.1	206.5	168.9	150.2	136.1	122.0	112.6	107.9	107.9
60°	4068.4	2566.8	225.2	178.3	140.8	131.4	122.0	107.9	103.2	93.9	93.9
62.5°	3655.5	1989.6	164.2	145.5	117.3	112.6	103.2	93.9	89.2	79.8	79.8
65°	2993.8	1224.8	122.0	107.9	98.5	89.2	89.2	84.5	75.1	65.7	65.7
67.5°	2092.9	478.6	79.8	75.1	79.8	75.1	75.1	70.4	65.7	56.3	56.3
70°	844.7	122.0	61.0	56.3	61.0	56.3	61.0	65.7	56.3	51.6	46.9
72.5°	*229.9*	*61.0*	*46.9*	*42.2*	*46.9*	*42.2*	*51.6*	*56.3*	*46.9*	*42.2*	*42.2*
75°	107.9	46.9	37.5	37.5	32.8	32.8	42.2	42.2	42.2	37.5	32.8
77.5°	65.7	32.8	28.2	23.5	23.5	28.2	32.8	37.5	32.8	28.2	28.2
80°	42.2	23.5	18.8	18.8	18.8	23.5	28.2	28.2	23.5	23.5	23.5
82.5°	23.5	18.8	14.1	14.1	14.1	18.8	18.8	18.8	23.5	18.8	18.8
85°	9.4	9.4	9.4	9.4	9.4	9.4	14.1	14.1	18.8	18.8	18.8
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	9.4	9.4	14.1	14.1	14.1
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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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

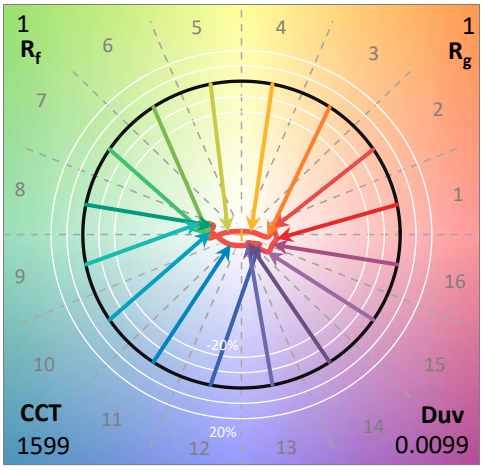
Test Information

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

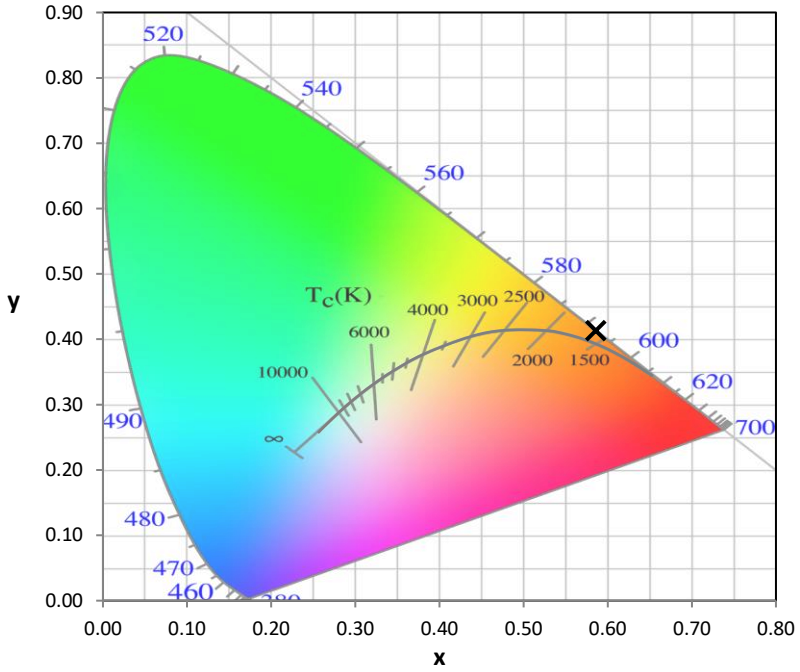
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

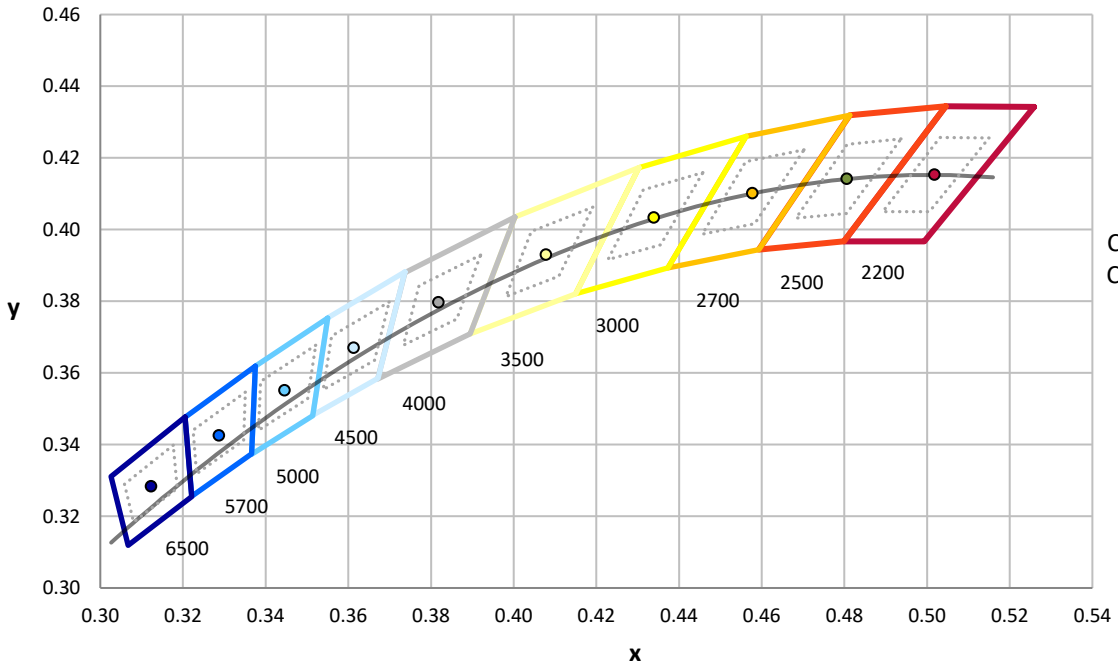
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

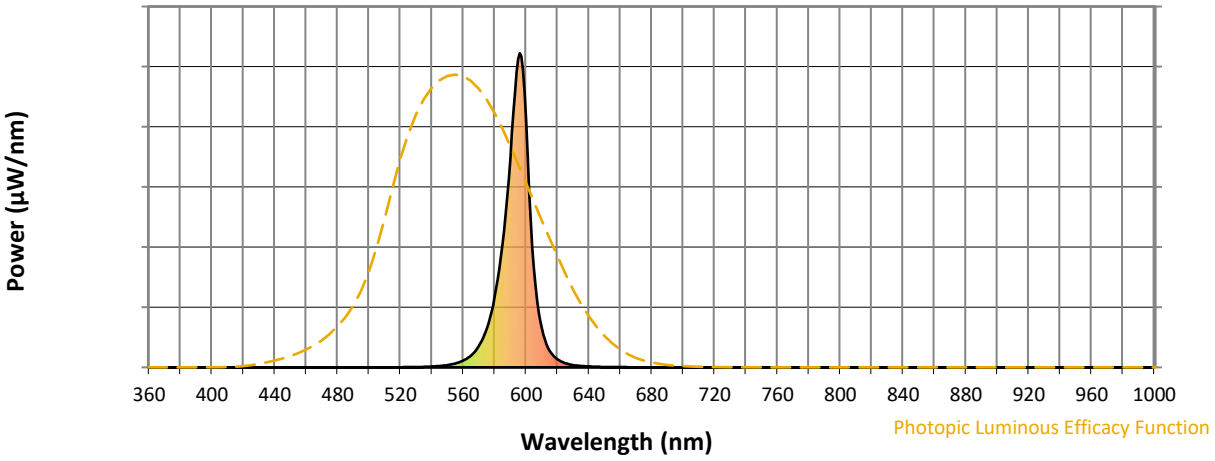


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

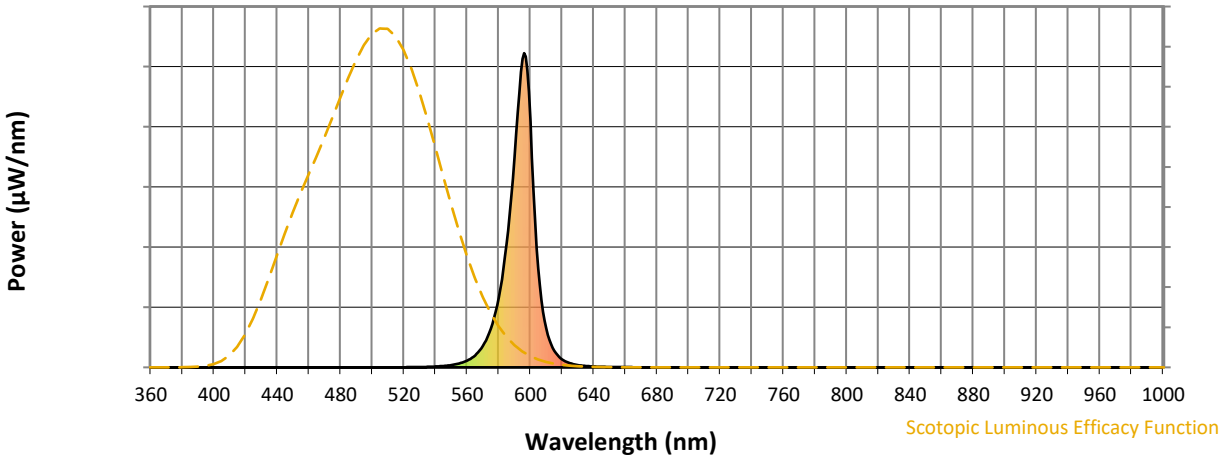


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

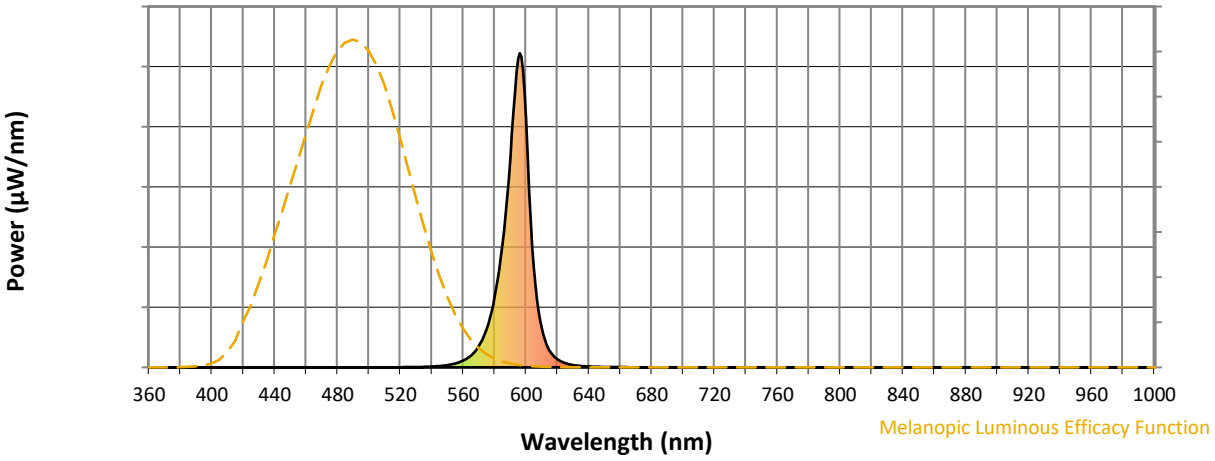


Scotopic Lumens: NR **S/P: 0.23**

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			

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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			

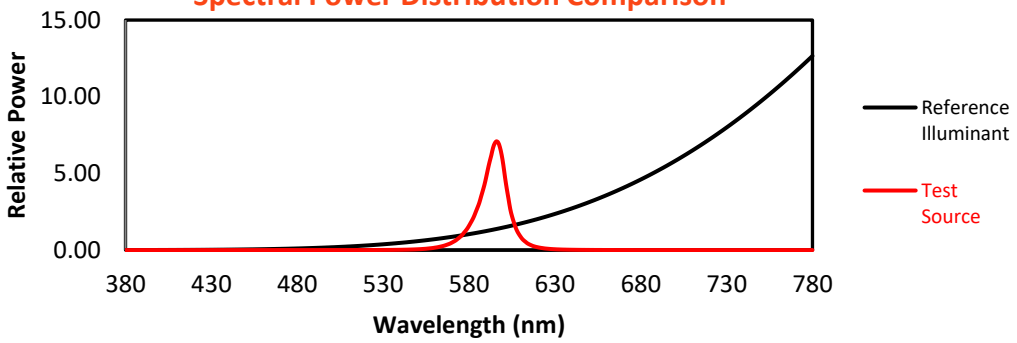
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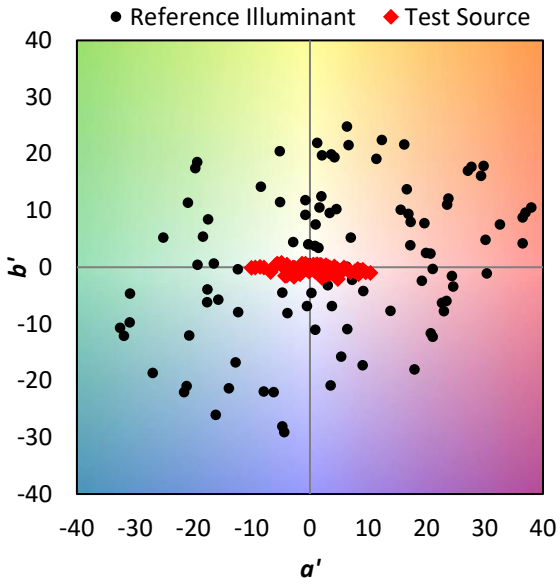
Summary

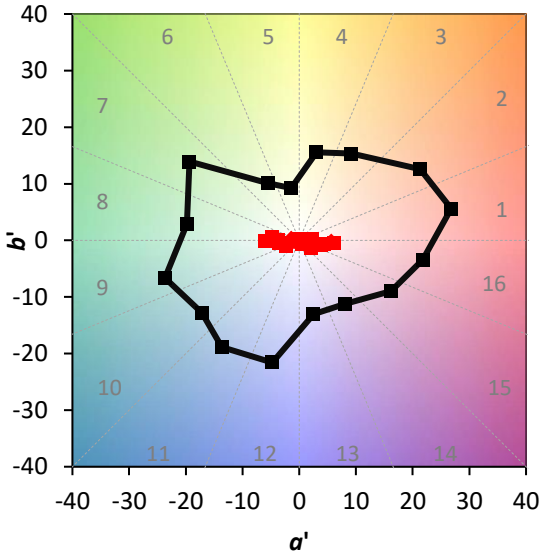
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

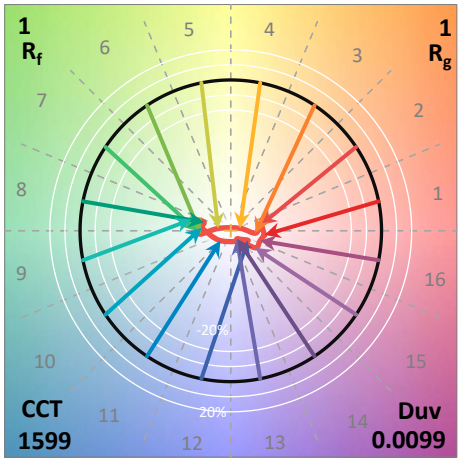
Spectral Power Distribution Comparison

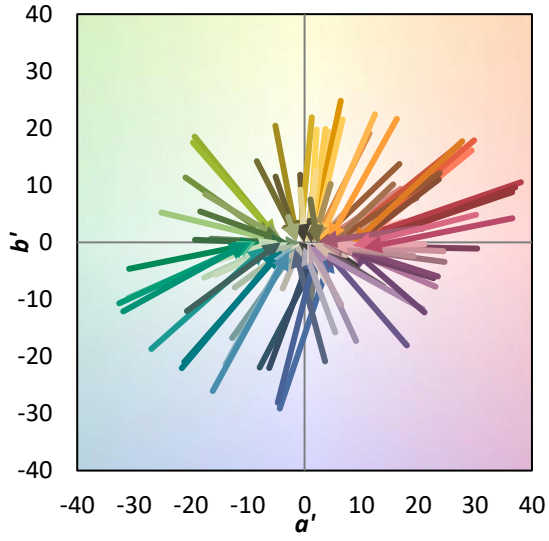


Color Vector Graphics







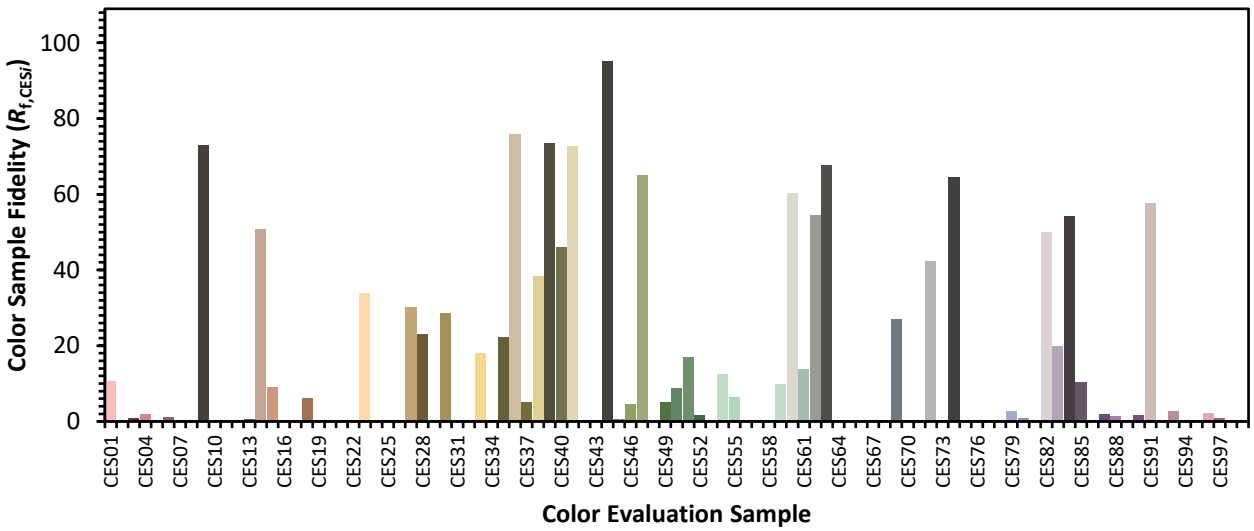


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Individual Sample Fidelity Index ($R_{f,i}$)

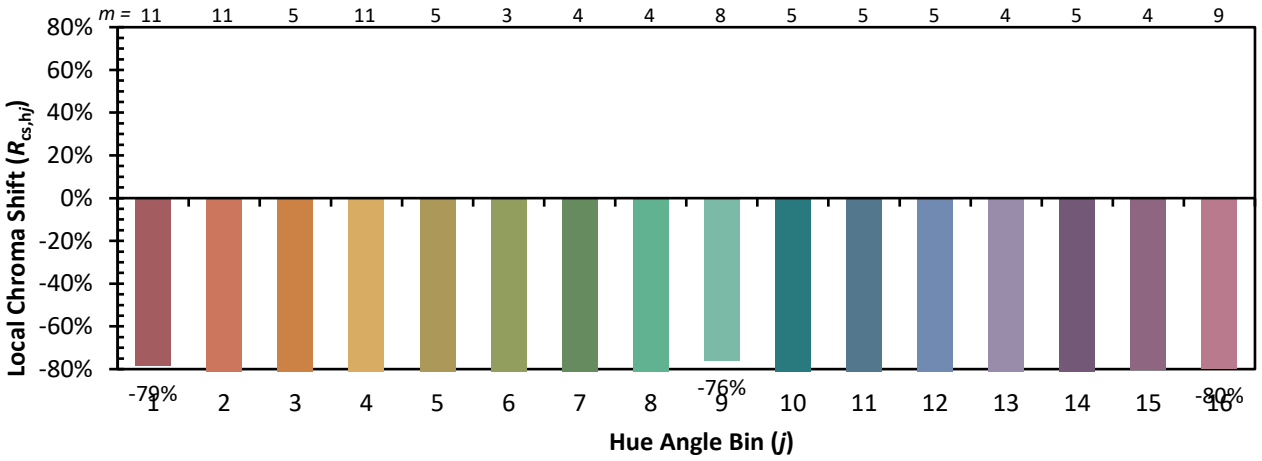
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

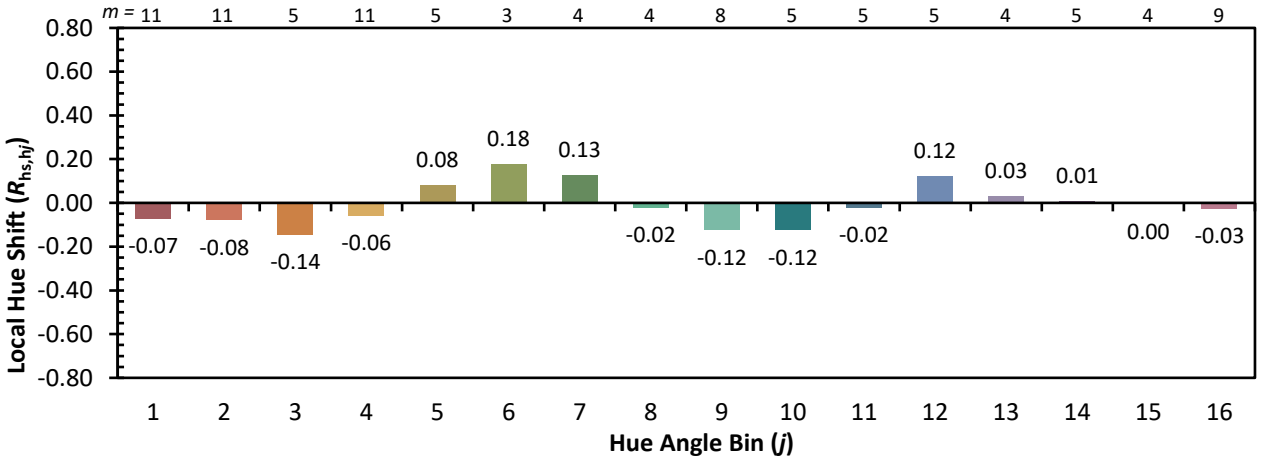


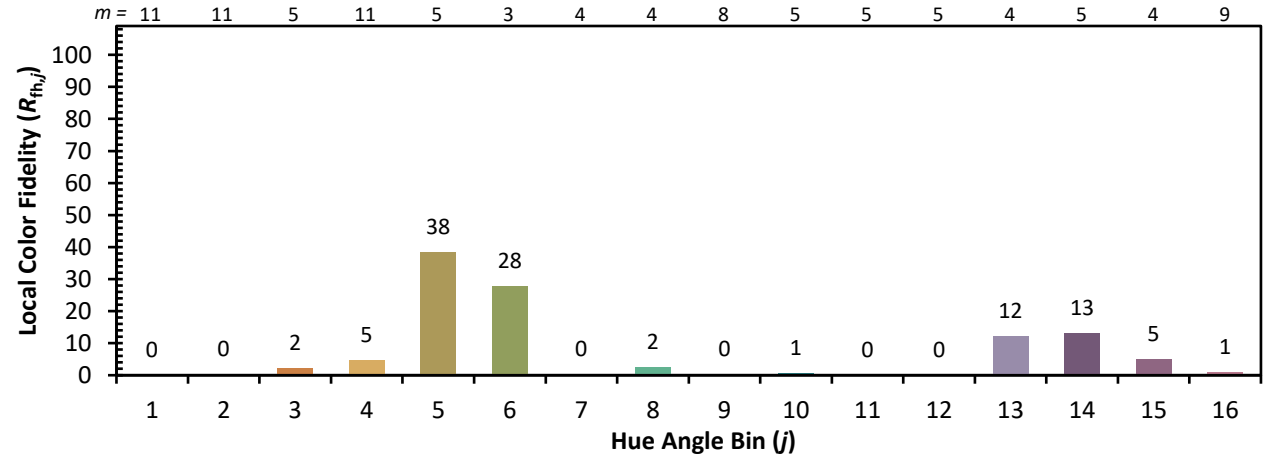
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Color Rendition by Hue-Angle Bin



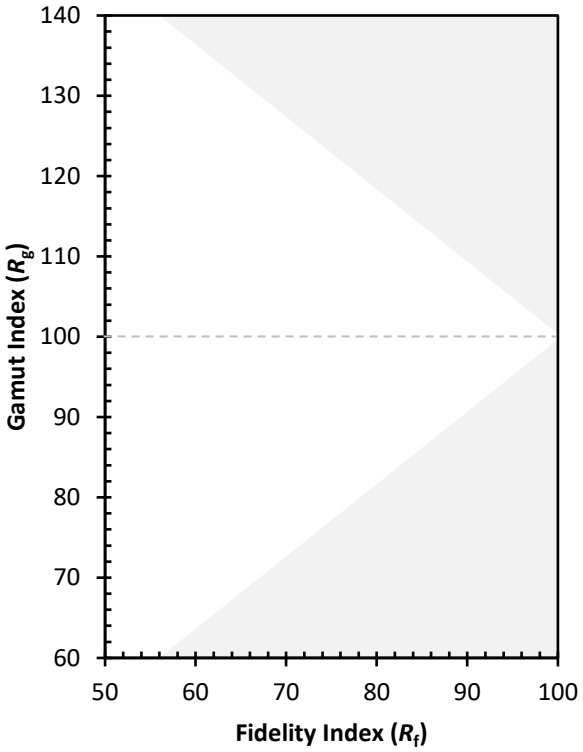


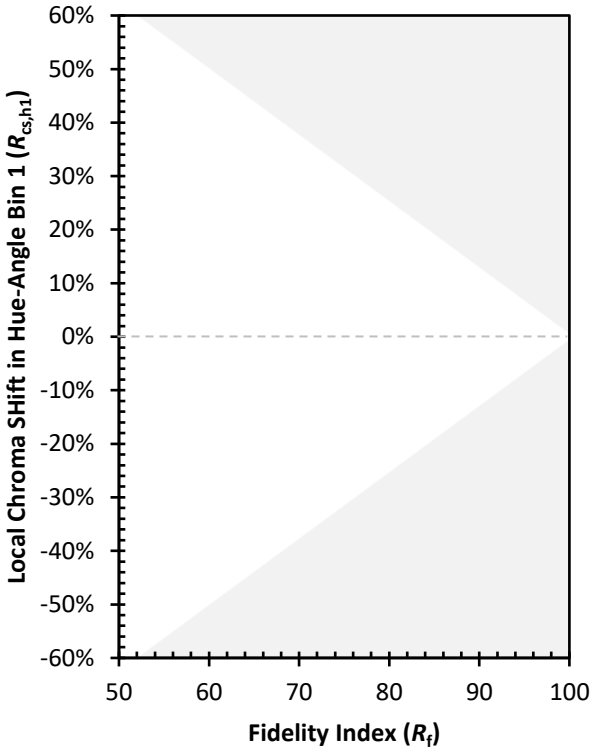


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Measure Comparisons





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