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: P1704730

Luminaire Tested: GSS-SB3A-AMB-U-T3-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:	P1704730
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-AMB-U-T3-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T3 DISTRIBUTION AND HOUSE SIDE SHIELD
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4998.7 lumens
Efficiency:	N/A
Efficacy:	49.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G2

Input Watts (W):	101
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

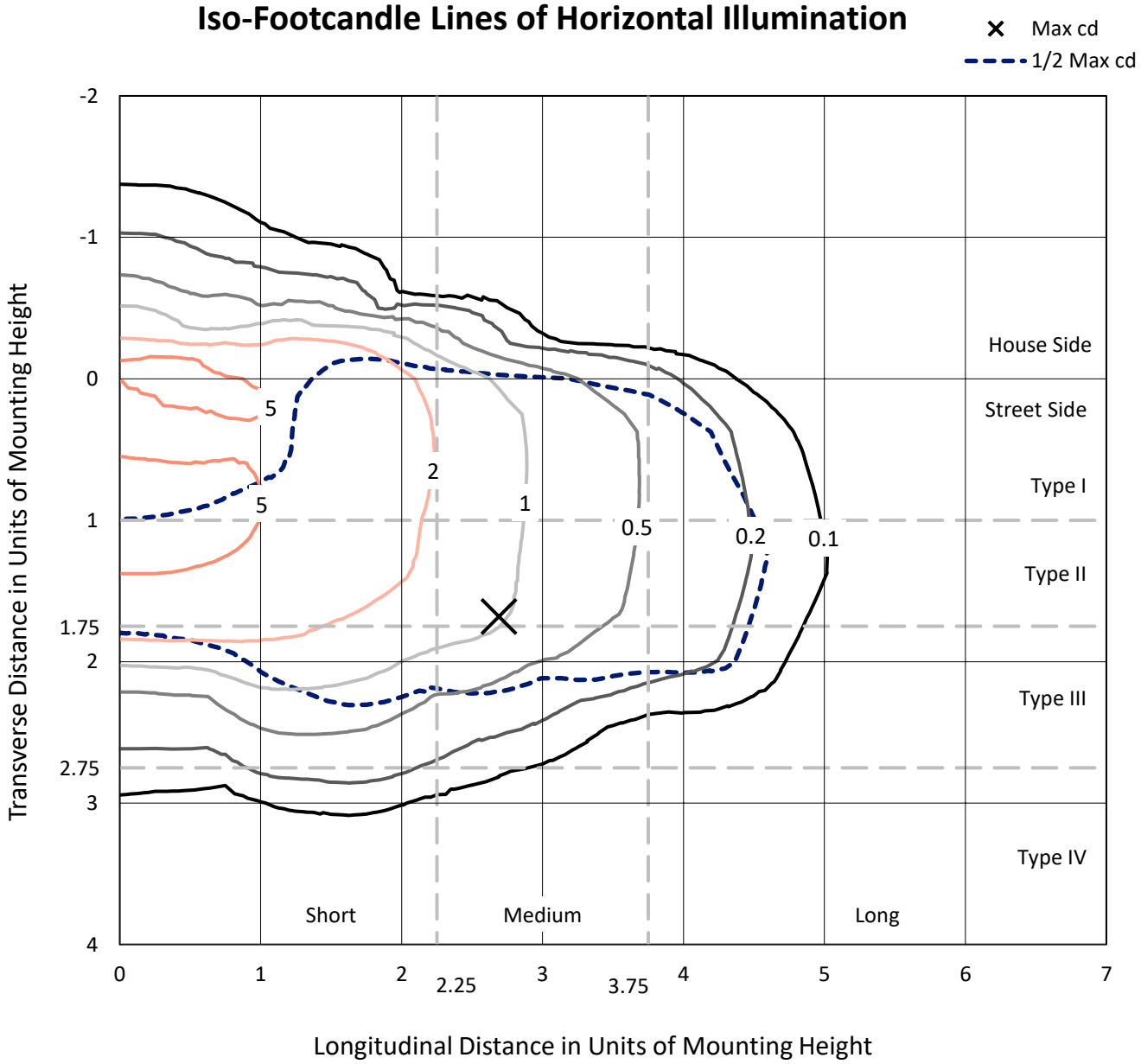


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T3-HSS

Iso-Footcandle Lines of Horizontal Illumination



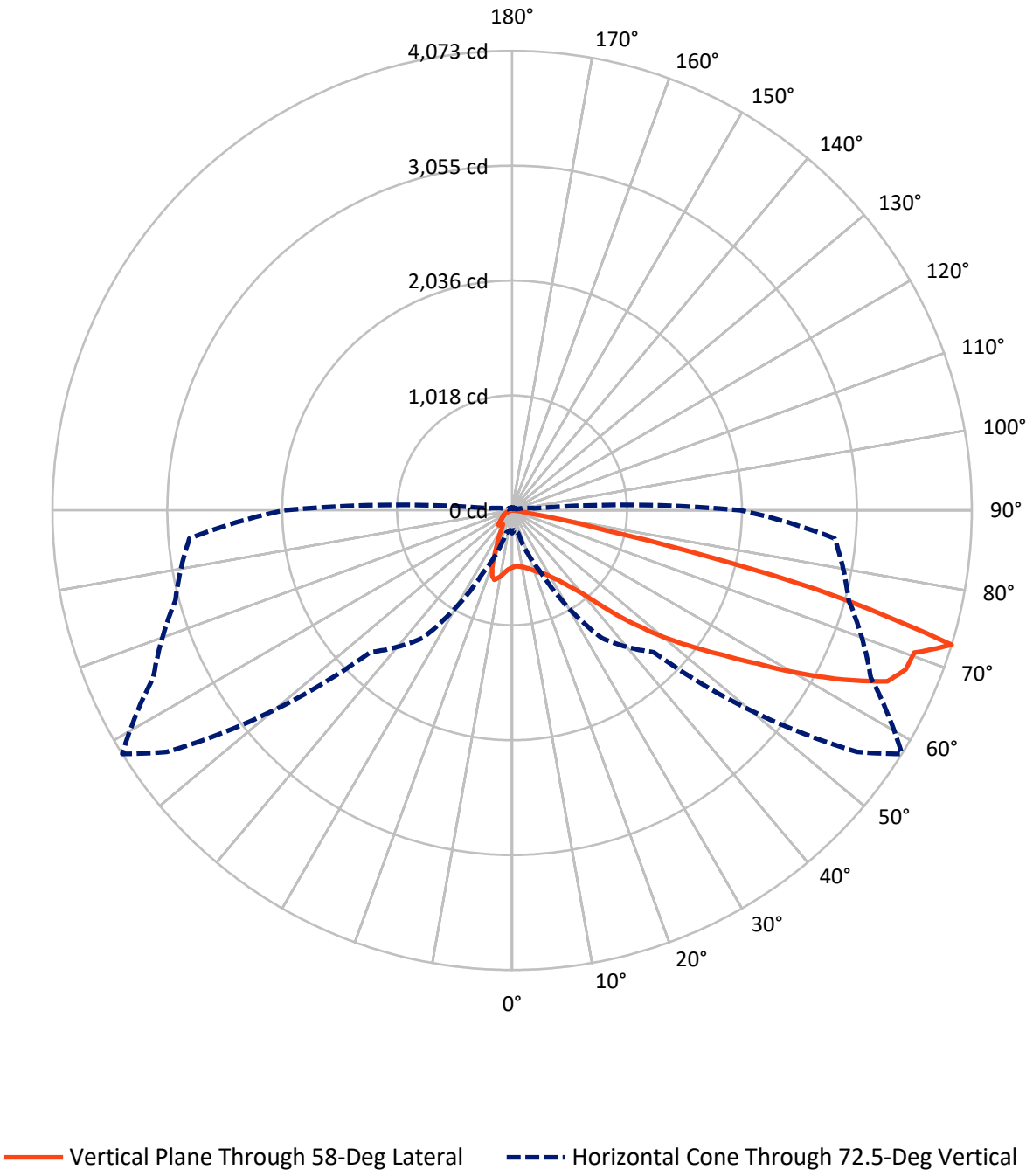
Based on 10 foot mounting height. Maximum calculated value = 7.2 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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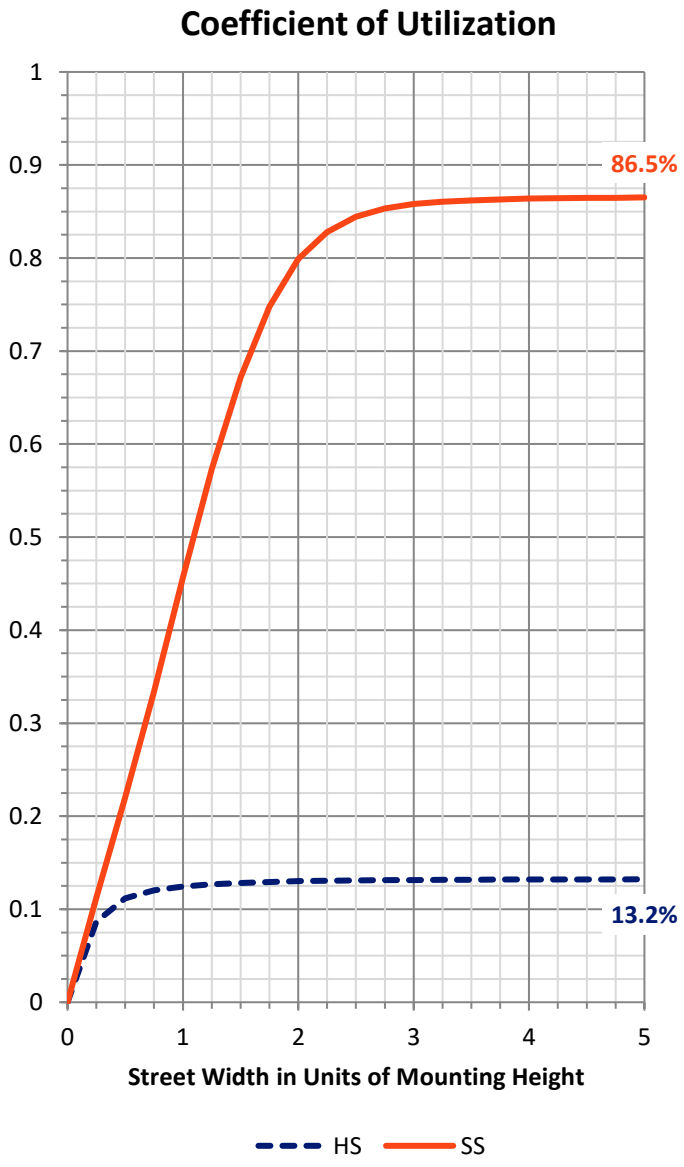
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T3-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	667.3	0.0	667.3
	% Fixture	13.3	0.0	13.3
Street Side	Lumens	4331.4	0.0	4331.4
	% Fixture	86.7	0.0	86.7
Total	Lumens	4998.7	0.0	4998.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.3	1.0
10°-20°	144.2	2.9
20°-30°	230.6	4.6
30°-40°	388.5	7.8
40°-50°	751.5	15.0
50°-60°	1255.2	25.1
60°-70°	1401.4	28.0
70°-80°	745.5	14.9
80°-90°	32.5	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°	4998.7	100.0
0°-180°	4998.7	100.0



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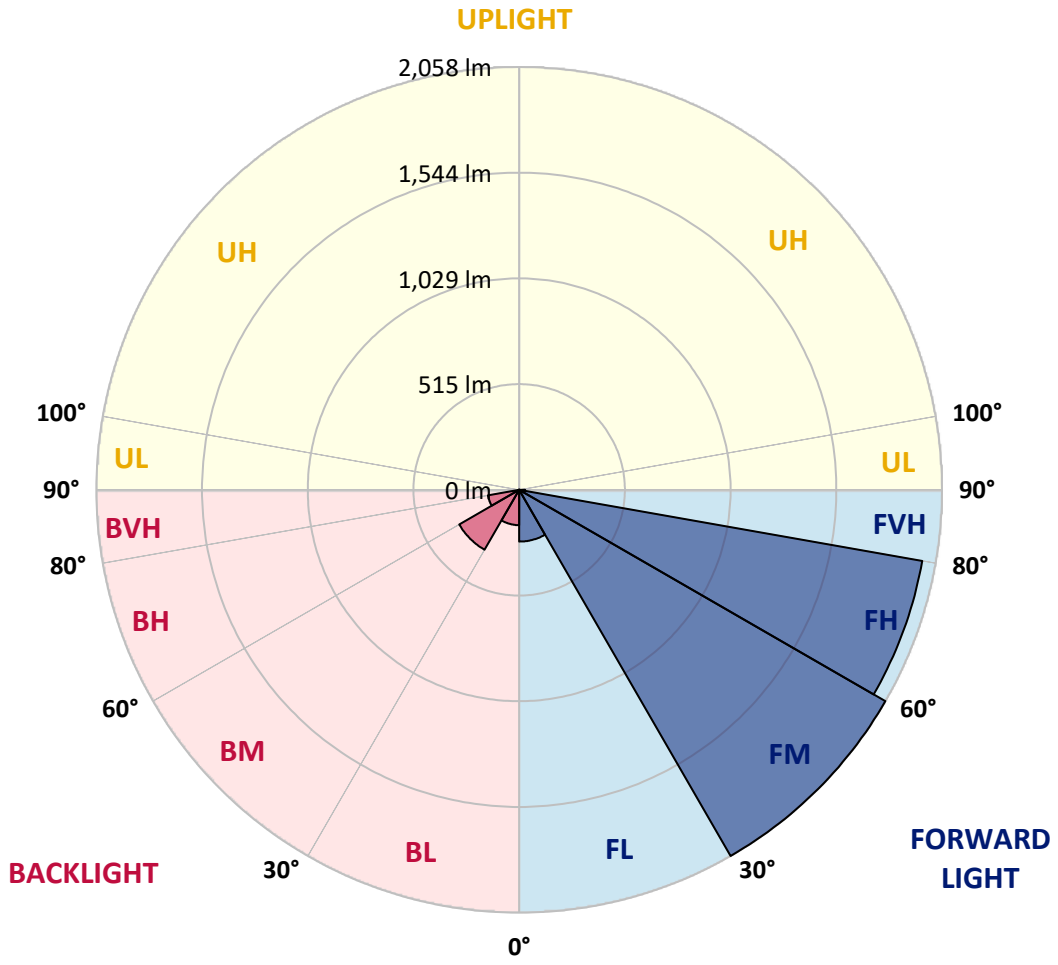
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T3-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	252.1	5.0			
FM	(30°-60°)	2058.4	41.2			
FH	(60°-80°)	1992.4	39.9			G2/5000
FVH	(80°-90°)	28.6	0.6			G1/100
BL	(0°-30°)	172.1	3.4	B1/500		
BM	(30°-60°)	336.8	6.7	B1/1000		
BH	(60°-80°)	154.5	3.1	B1/500		G1/500
BVH	(80°-90°)	3.9	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 III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	58°	65°	75°	85°
0°	505.7	505.7	505.7	505.7	505.7	505.7	505.7	*505.7*	505.7	505.7	505.7
2.5°	493.8	490.8	487.8	490.8	490.8	493.8	496.8	*496.8*	499.8	502.7	508.7
5°	472.8	469.8	469.8	472.8	478.8	484.8	490.8	*496.8*	502.7	514.7	523.7
7.5°	472.8	469.8	469.8	472.8	478.8	484.8	496.8	*502.7*	511.7	535.7	553.6
10°	478.8	478.8	478.8	484.8	484.8	493.8	505.7	*508.7*	529.7	562.6	589.5
12.5°	487.8	487.8	487.8	493.8	496.8	502.7	511.7	*520.7*	544.6	598.5	634.4
15°	499.8	496.8	499.8	505.7	511.7	517.7	526.7	*532.7*	559.6	634.4	682.3
17.5°	511.7	508.7	511.7	514.7	520.7	529.7	544.6	*550.6*	583.5	667.3	730.2
20°	523.7	520.7	523.7	526.7	532.7	544.6	565.6	*571.6*	604.5	700.3	775.1
22.5°	535.7	529.7	532.7	535.7	544.6	556.6	586.5	*595.5*	625.4	730.2	805.0
25°	553.6	547.6	544.6	550.6	556.6	574.6	607.5	*613.5*	655.4	760.1	837.9
27.5°	691.3	679.3	631.4	583.5	574.6	595.5	634.4	*643.4*	688.3	808.0	876.8
30°	834.9	822.9	787.0	712.2	619.5	625.4	670.3	*685.3*	733.2	855.9	909.7
32.5°	954.6	942.6	912.7	849.9	733.2	670.3	712.2	*730.2*	784.0	903.7	945.6
35°	1104.2	1083.3	1056.4	981.6	885.8	763.1	778.1	*796.0*	852.9	972.6	999.5
37.5°	1325.7	1307.7	1256.9	1167.1	1041.4	912.7	852.9	*873.8*	936.7	1065.3	1080.3
40°	1577.1	1565.1	1532.2	1445.4	1265.8	1098.3	987.5	*978.6*	1032.4	1170.1	1182.0
42.5°	1804.5	1792.5	1768.6	1705.7	1544.1	1343.6	1176.1	*1143.1*	1143.1	1295.8	1304.7
45°	2023.0	2020.0	1990.0	1918.2	1783.5	1619.0	1409.5	*1349.6*	1289.8	1436.4	1460.4
47.5°	2214.5	2202.5	2208.5	2139.7	1996.0	1897.3	1645.9	*1556.1*	1466.3	1607.0	1633.9
50°	2346.1	2346.1	2397.0	2358.1	2208.5	2121.7	1879.3	*1786.5*	1687.8	1819.5	1828.4
52.5°	2432.9	2450.9	2537.7	2561.6	2468.8	2364.1	2100.8	*2011.0*	1927.2	2082.8	2082.8
55°	2492.8	2504.7	2612.5	2720.2	2756.1	2615.5	2337.2	*2262.4*	2208.5	2373.1	2304.2
57.5°	2453.9	2435.9	2603.5	2804.0	2956.6	2905.7	2624.4	*2561.6*	2513.7	2681.3	2543.7
60°	2265.3	2277.3	2459.9	2798.0	3058.4	3127.2	2971.6	*2932.7*	2863.9	2968.6	2780.1
62.5°	1511.2	1589.0	2005.0	2666.3	3109.2	3276.8	3321.7	*3306.7*	3184.1	3264.9	2932.7
65°	766.1	784.0	1086.3	2169.6	2989.5	3327.7	3626.9	*3653.9*	3441.4	3276.8	2798.0
67.5°	523.7	529.7	622.4	1786.5	2585.5	3324.7	3809.5	*3761.6*	3345.6	3148.1	2768.1
70°	389.0	392.0	442.9	1313.7	2133.7	2932.7	3758.6	*3779.6*	3402.5	3160.1	2756.1
72.5°	*203.5*	*176.6*	*206.5*	*610.5*	*1379.6*	*1777.6*	*3731.7*	*4072.8*	*3507.2*	*3088.3*	*2869.8*
75°	50.9	53.9	77.8	176.6	395.0	846.9	1828.4	*2774.1*	3579.1	3130.2	2780.1
77.5°	26.9	29.9	41.9	83.8	161.6	179.6	413.0	*840.9*	2627.4	2328.2	1580.1
80°	18.0	20.9	26.9	44.9	86.8	77.8	125.7	*155.6*	508.7	1041.4	386.0
82.5°	9.0	9.0	18.0	23.9	44.9	35.9	47.9	*59.9*	110.7	203.5	50.9
85°	6.0	6.0	12.0	12.0	18.0	15.0	18.0	*20.9*	38.9	41.9	23.9
87.5°	0.0	0.0	3.0	6.0	6.0	6.0	9.0	*9.0*	12.0	12.0	12.0
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: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T3-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	505.7	505.7	505.7	505.7	505.7	505.7	505.7	505.7	505.7	505.7	505.7
2.5°	508.7	511.7	514.7	514.7	514.7	514.7	517.7	517.7	514.7	517.7	517.7
5°	523.7	529.7	532.7	532.7	529.7	529.7	523.7	523.7	520.7	520.7	523.7
7.5°	559.6	562.6	565.6	562.6	553.6	544.6	532.7	523.7	514.7	514.7	514.7
10°	598.5	604.5	604.5	598.5	583.5	556.6	532.7	505.7	481.8	466.8	466.8
12.5°	646.4	649.4	652.4	634.4	604.5	562.6	484.8	407.0	344.1	320.2	320.2
15°	697.3	700.3	697.3	667.3	619.5	499.8	359.1	251.4	212.5	200.5	200.5
17.5°	742.1	739.2	730.2	694.3	568.6	359.1	221.4	185.5	182.5	182.5	179.6
20°	781.1	775.1	760.1	691.3	448.9	230.4	185.5	176.6	173.6	173.6	173.6
22.5°	805.0	799.0	772.1	634.4	308.2	188.5	179.6	170.6	167.6	164.6	164.6
25°	831.9	822.9	772.1	523.7	209.5	176.6	173.6	161.6	155.6	152.6	152.6
27.5°	861.8	846.9	769.1	383.0	176.6	167.6	161.6	152.6	146.6	140.6	140.6
30°	891.8	870.8	748.1	254.4	158.6	152.6	143.6	137.7	134.7	131.7	131.7
32.5°	924.7	888.8	697.3	173.6	146.6	134.7	125.7	116.7	116.7	119.7	119.7
35°	966.6	912.7	637.4	149.6	143.6	122.7	110.7	101.7	101.7	104.7	107.7
37.5°	1026.4	960.6	574.6	158.6	149.6	113.7	95.8	86.8	86.8	86.8	86.8
40°	1119.2	1026.4	523.7	188.5	158.6	107.7	83.8	74.8	71.8	71.8	71.8
42.5°	1229.9	1110.2	469.8	212.5	161.6	95.8	74.8	68.8	65.8	65.8	65.8
45°	1352.6	1221.0	457.9	206.5	152.6	83.8	65.8	62.8	62.8	59.9	59.9
47.5°	1511.2	1358.6	514.7	191.5	128.7	74.8	62.8	59.9	59.9	56.9	56.9
50°	1696.8	1508.2	586.5	179.6	104.7	68.8	59.9	56.9	56.9	53.9	53.9
52.5°	1897.3	1690.8	601.5	170.6	89.8	62.8	56.9	53.9	53.9	50.9	50.9
55°	2109.7	1861.4	544.6	155.6	80.8	59.9	56.9	53.9	50.9	47.9	47.9
57.5°	2310.2	1990.0	466.8	146.6	74.8	56.9	53.9	50.9	47.9	44.9	44.9
60°	2507.7	2014.0	323.2	134.7	68.8	53.9	50.9	47.9	44.9	41.9	41.9
62.5°	2624.4	1840.4	170.6	119.7	62.8	50.9	47.9	44.9	38.9	32.9	32.9
65°	2441.9	1448.4	101.7	101.7	53.9	44.9	44.9	41.9	32.9	26.9	23.9
67.5°	2331.2	1059.4	65.8	77.8	47.9	38.9	38.9	35.9	29.9	23.9	20.9
70°	2157.6	550.6	50.9	47.9	38.9	29.9	29.9	29.9	26.9	20.9	18.0
72.5°	*2023.0*	*200.5*	*38.9*	*35.9*	*29.9*	*20.9*	*26.9*	*26.9*	*20.9*	*15.0*	*15.0*
75°	1642.9	83.8	29.9	26.9	20.9	18.0	20.9	20.9	15.0	12.0	12.0
77.5°	772.1	44.9	23.9	20.9	15.0	12.0	15.0	15.0	12.0	9.0	9.0
80°	179.6	29.9	18.0	15.0	12.0	9.0	12.0	9.0	6.0	6.0	6.0
82.5°	38.9	18.0	15.0	12.0	9.0	6.0	6.0	6.0	6.0	3.0	3.0
85°	18.0	12.0	9.0	6.0	6.0	6.0	3.0	3.0	3.0	3.0	3.0
87.5°	9.0	9.0	6.0	6.0	3.0	3.0	3.0	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

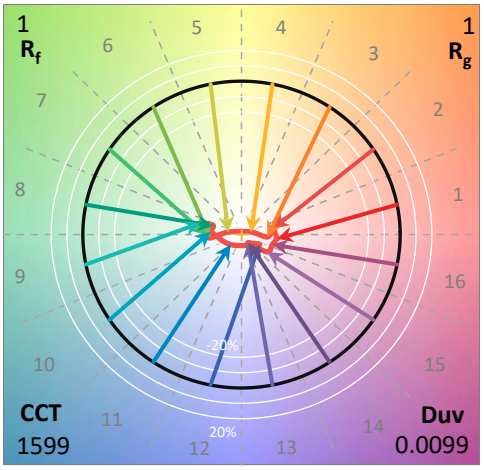
Test Information

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

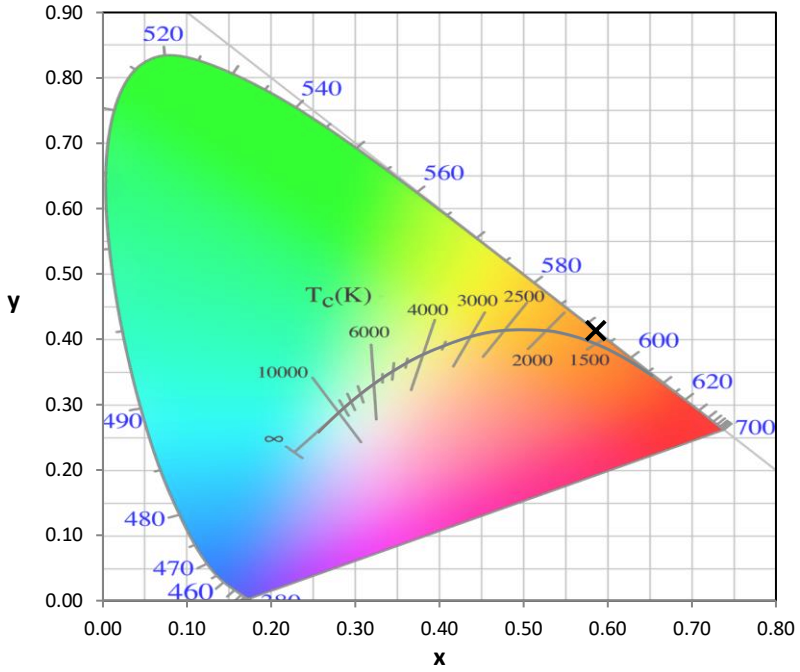
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

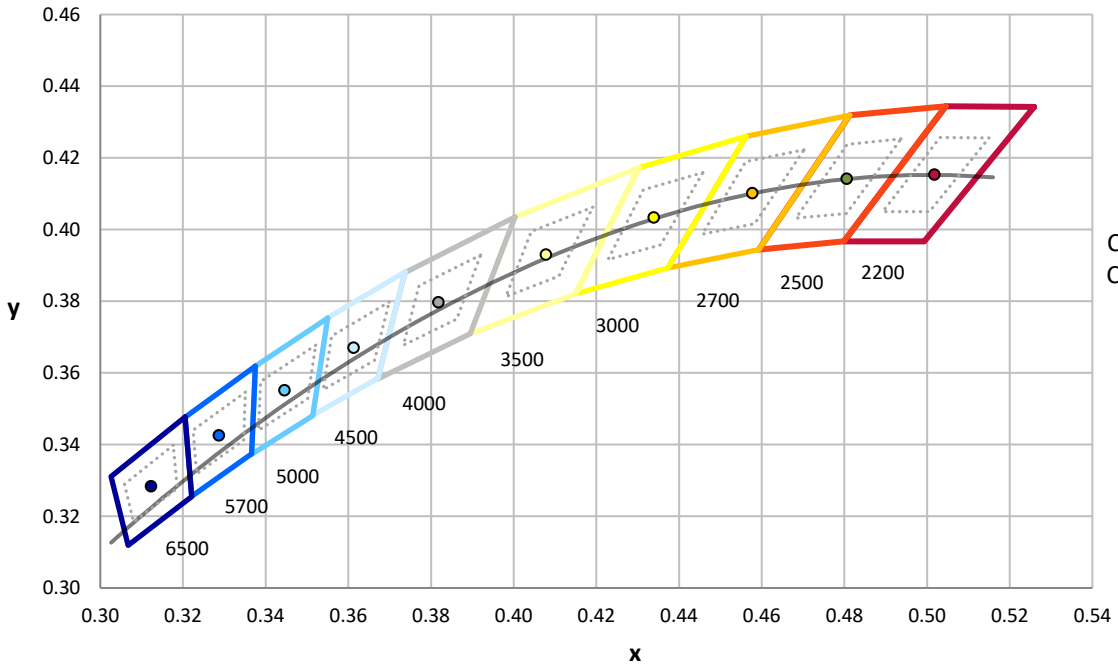
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

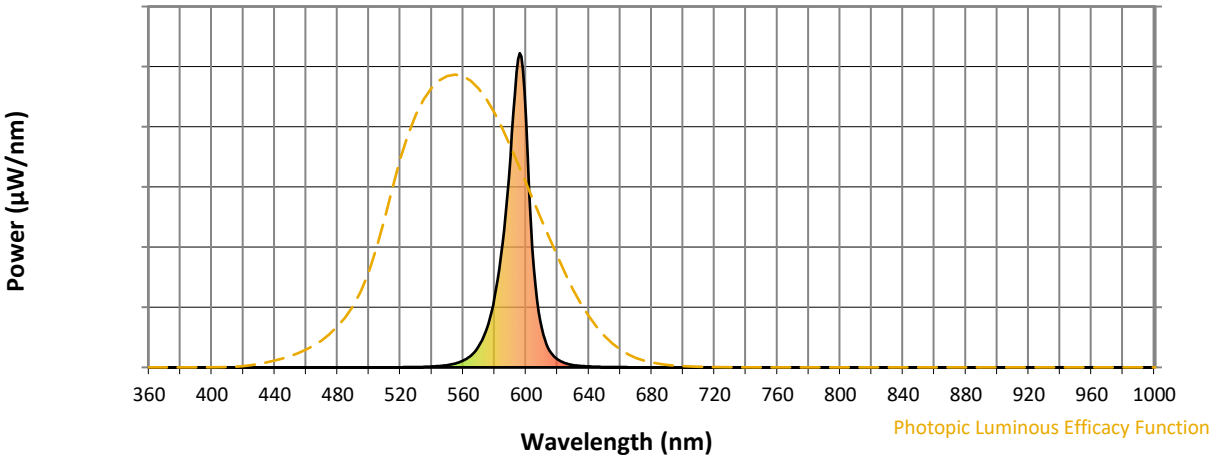


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

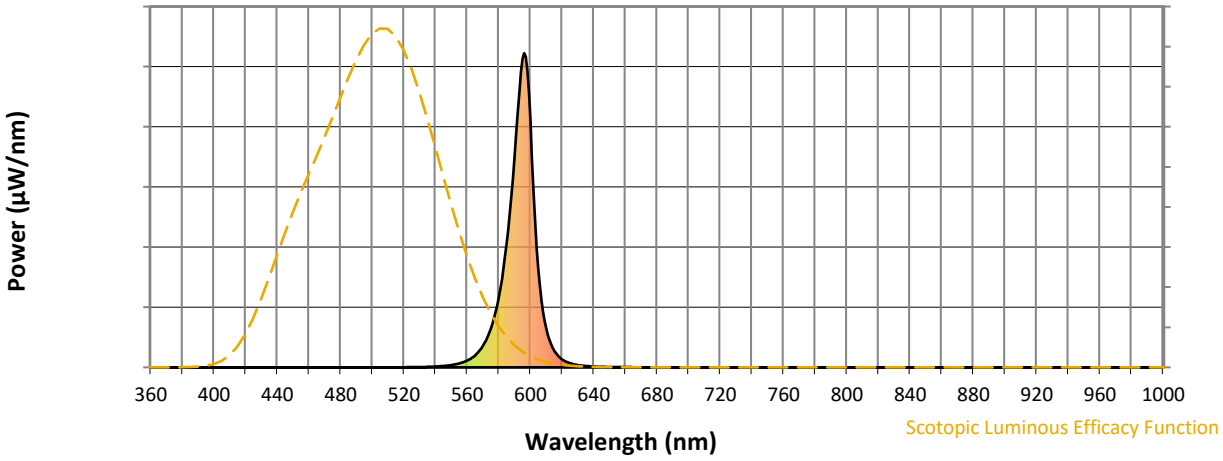


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

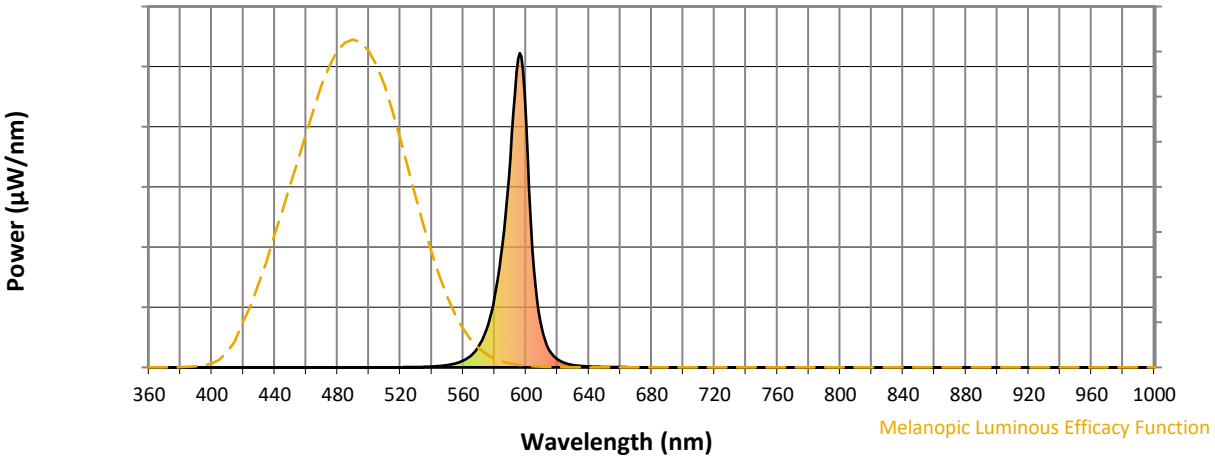


Scotopic Lumens: NR **S/P: 0.23**

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			

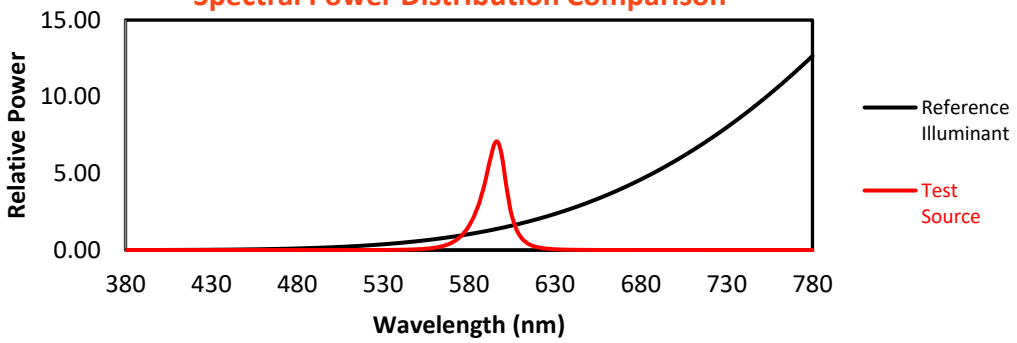
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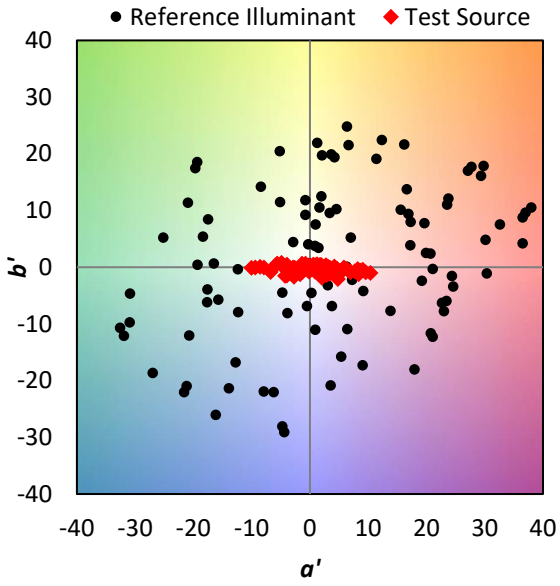
Summary

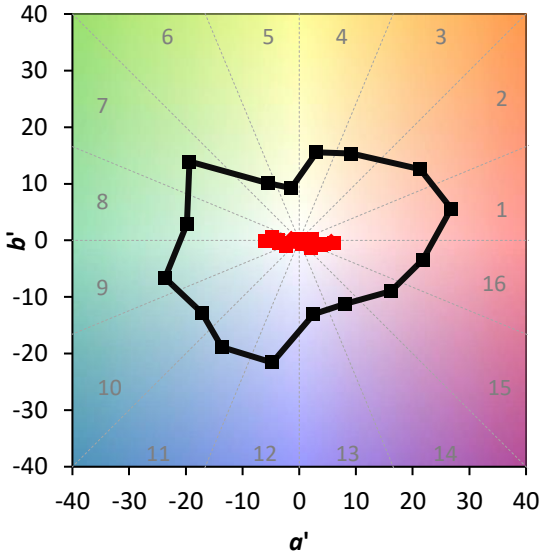
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

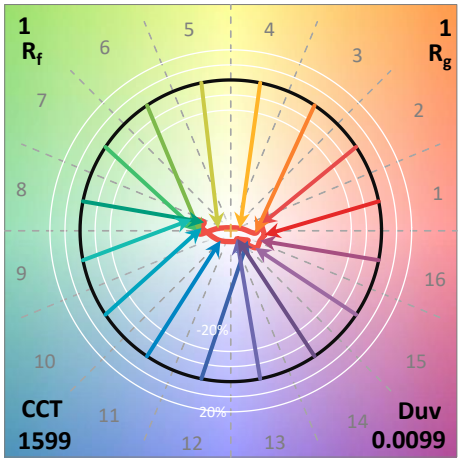
Spectral Power Distribution Comparison

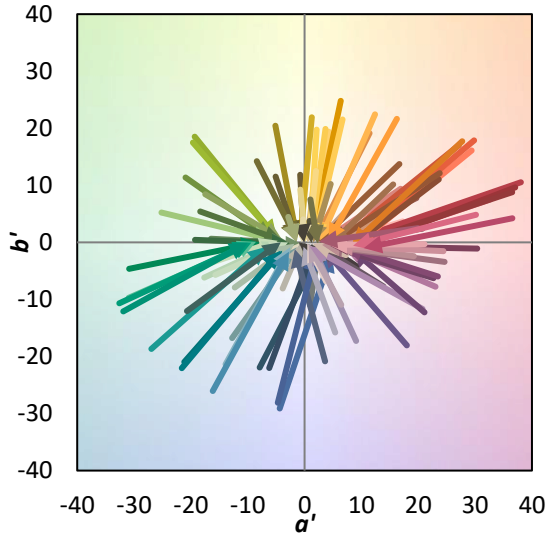


Color Vector Graphics







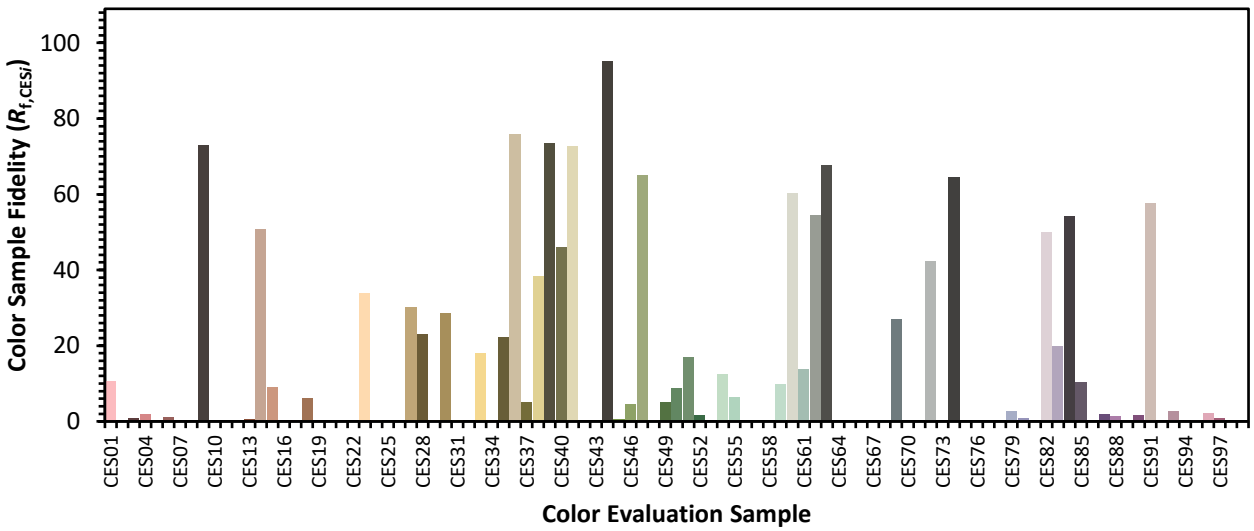


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Individual Sample Fidelity Index ($R_{f,i}$)

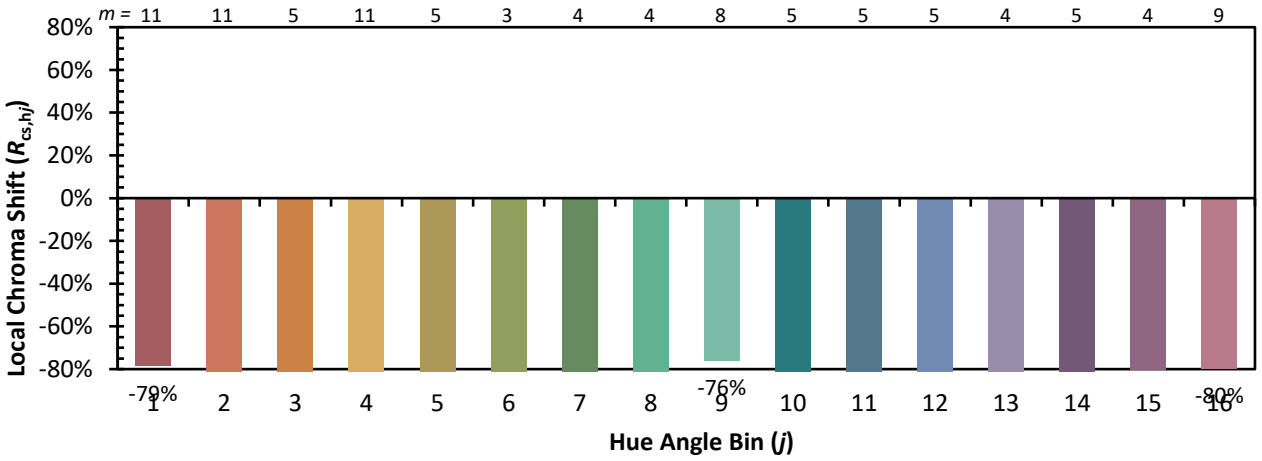
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

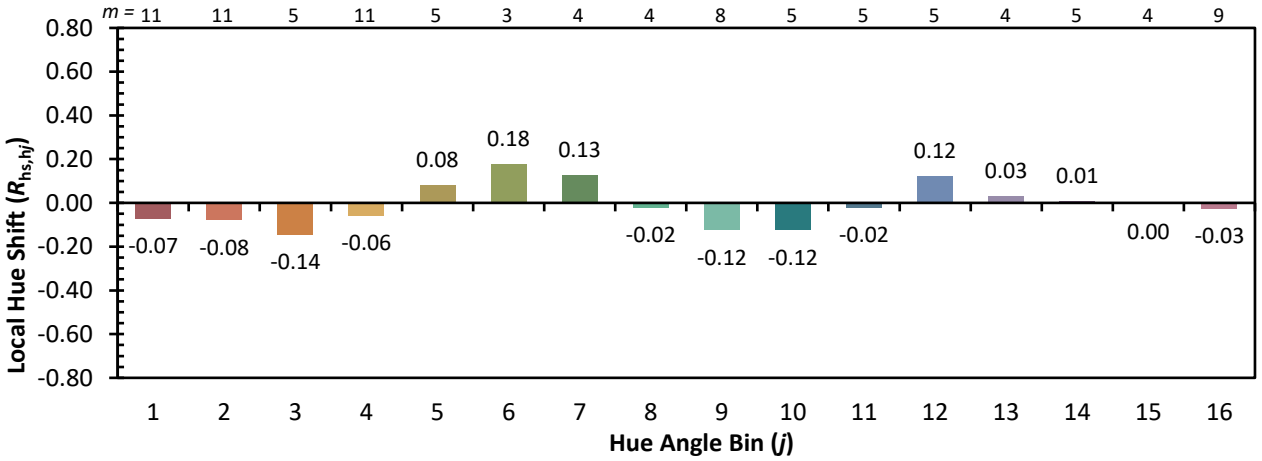


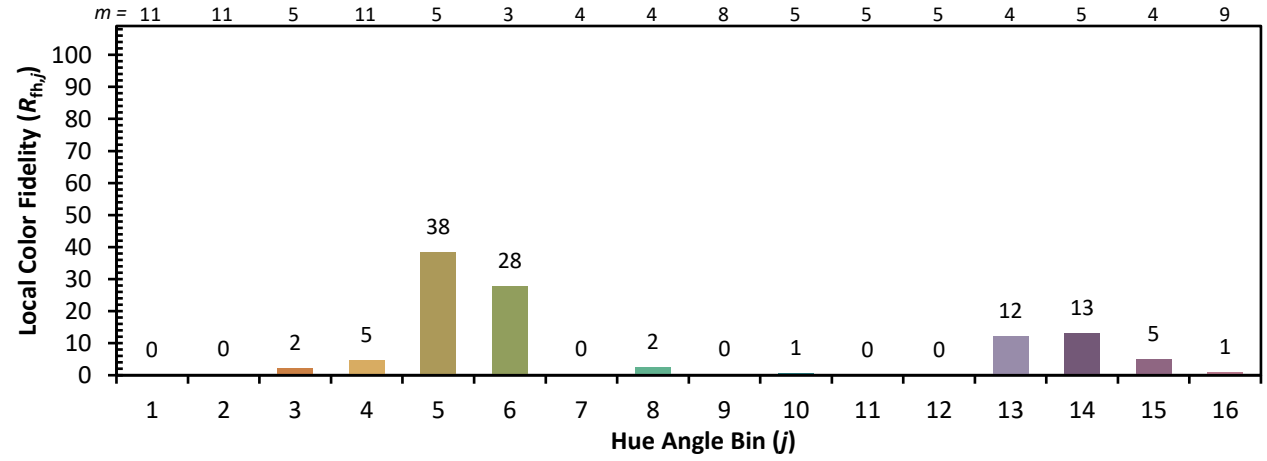
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Color Rendition by Hue-Angle Bin



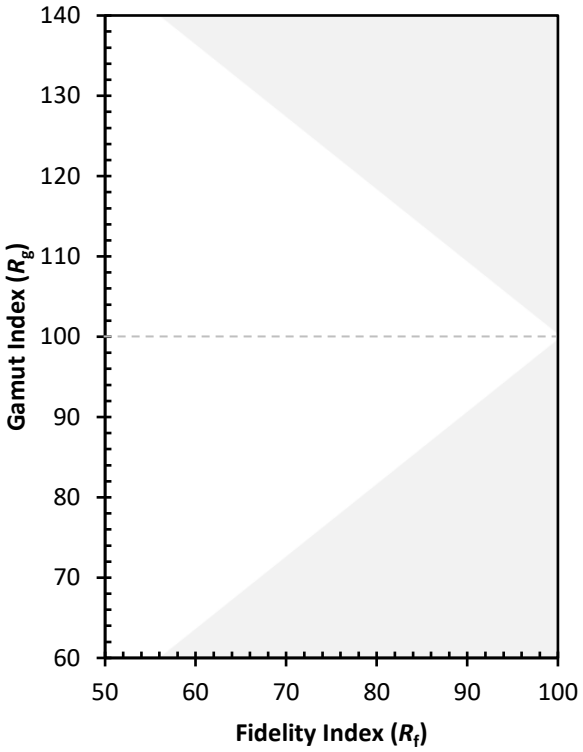


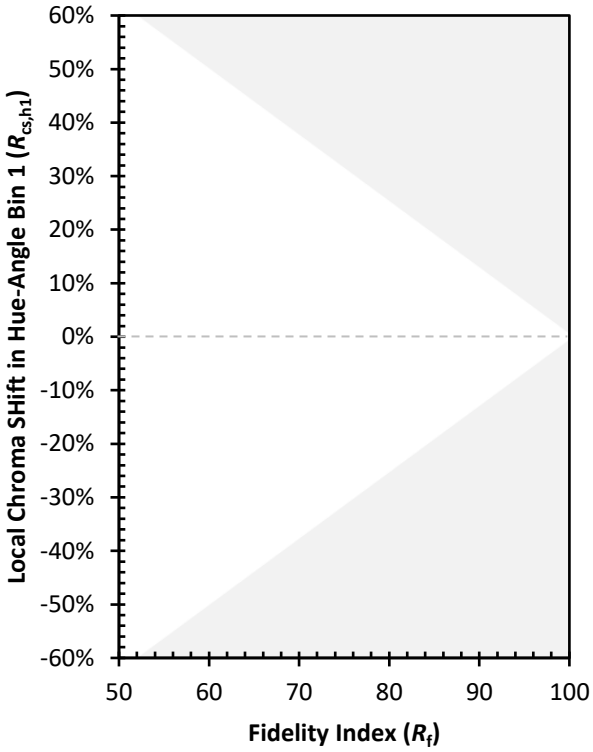


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Measure Comparisons





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