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: P1704729

Luminaire Tested: GSS-SB2A-AMB-U-T3R

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:	P1704729
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	10/28/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-AMB-U-T3R
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 2SQUARE 68W 1590K FIXTURE w/ T3 ROADWAY DISTRIBUTION
Light Source:	(52) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4253.3 lumens
Efficiency:	N/A
Efficacy:	62.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B1 - U0 - G1

Input Watts (W):	68
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

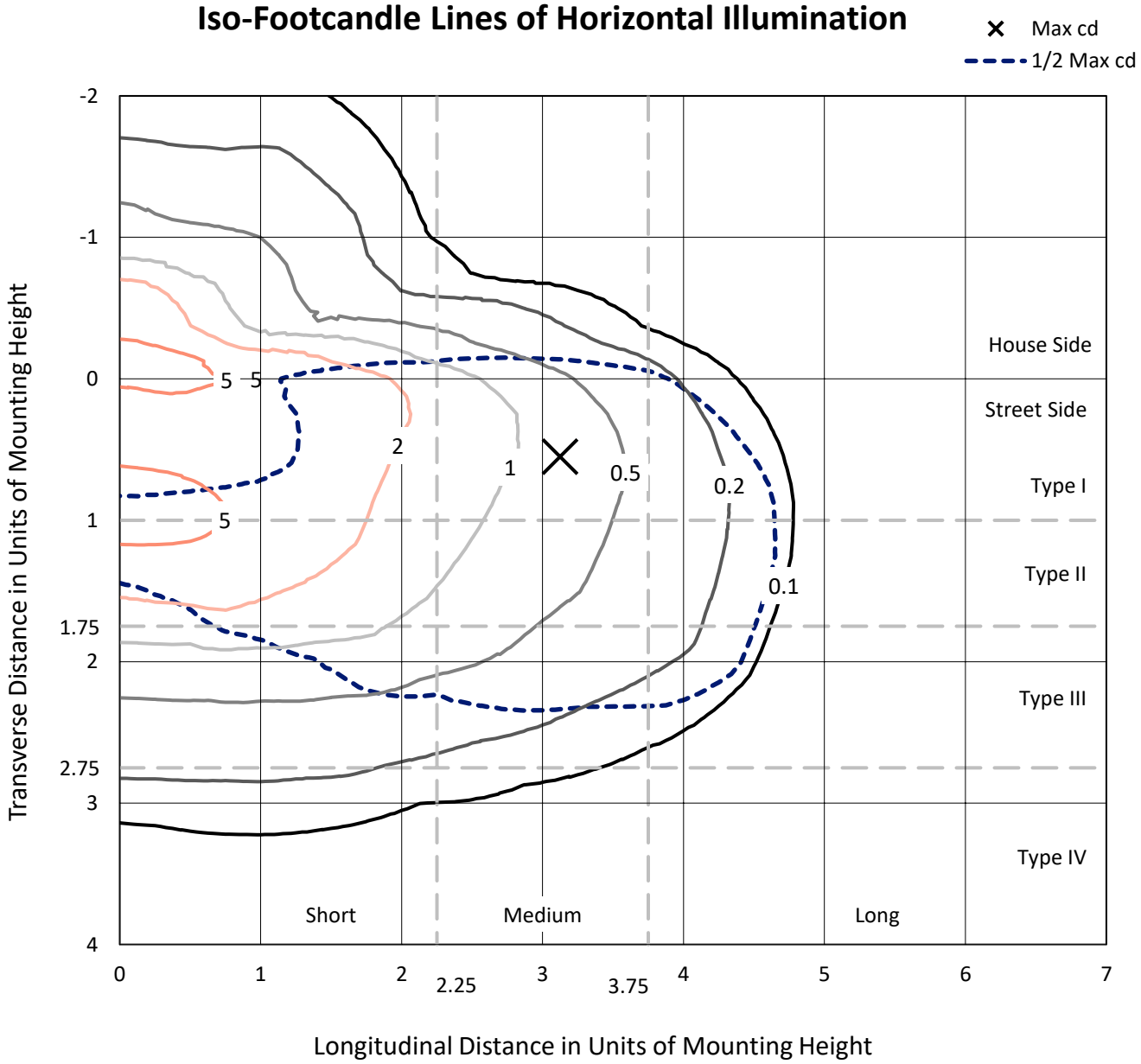


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Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



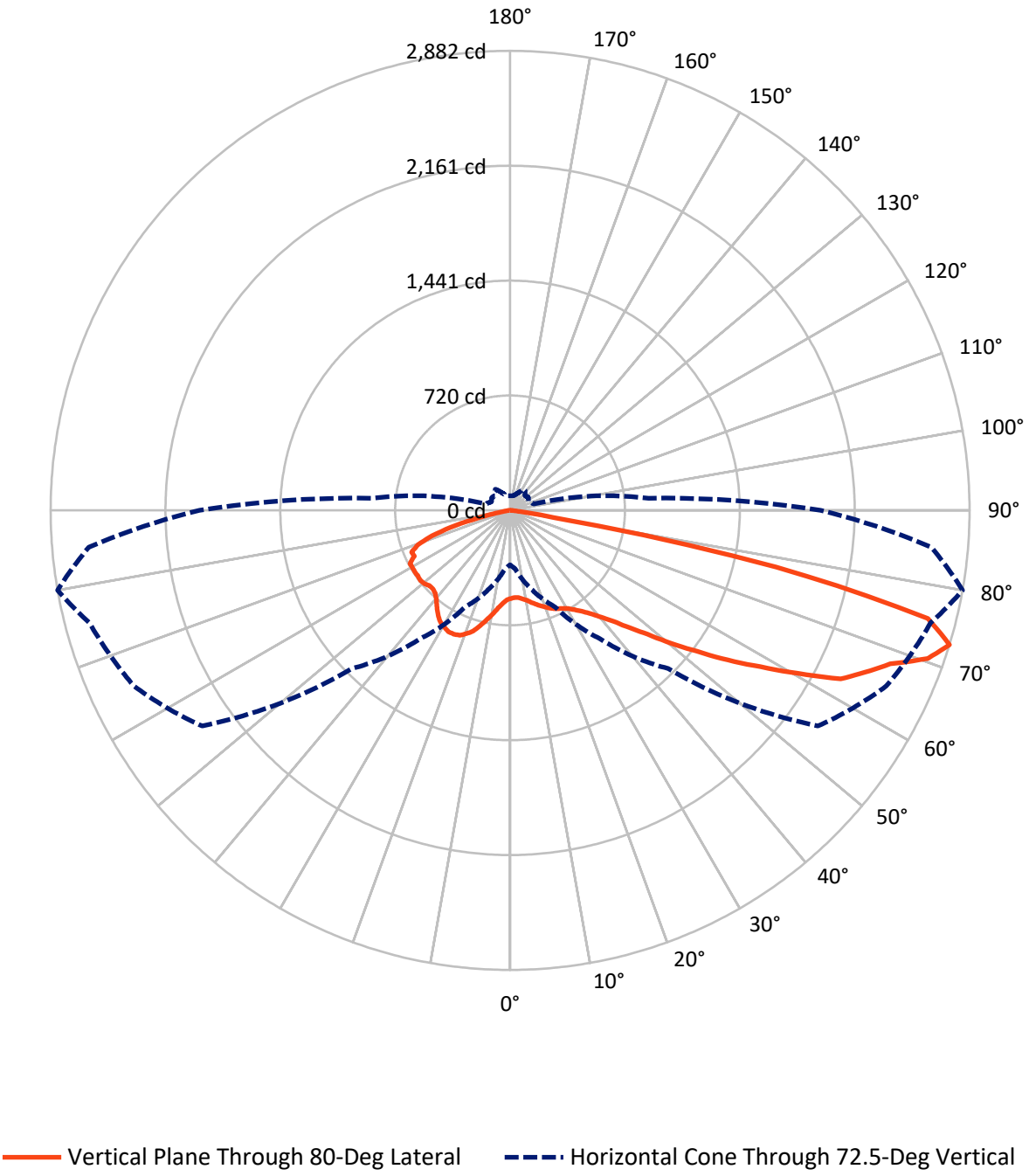
Based on 10 foot mounting height. Maximum calculated value = 7.1 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704729
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Luminous Intensity Polar Plot



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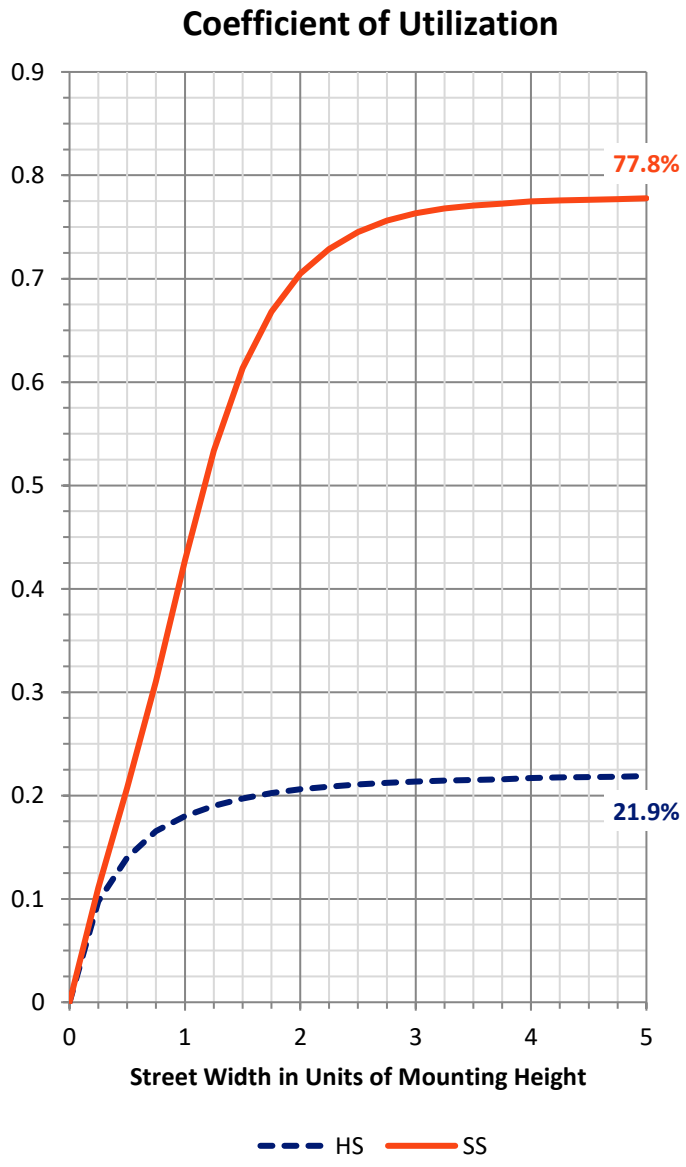
REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	938.4	0.0	938.4
	% Fixture	22.1	0.0	22.1
Street Side	Lumens	3314.9	0.0	3314.9
	% Fixture	77.9	0.0	77.9
Total	Lumens	4253.3	0.0	4253.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.5	1.3
10°-20°	162.0	3.8
20°-30°	254.0	6.0
30°-40°	392.3	9.2
40°-50°	648.1	15.2
50°-60°	959.3	22.6
60°-70°	1044.7	24.6
70°-80°	698.5	16.4
80°-90°	38.9	0.9
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°	4253.3	100.0
0°-180°	4253.3	100.0



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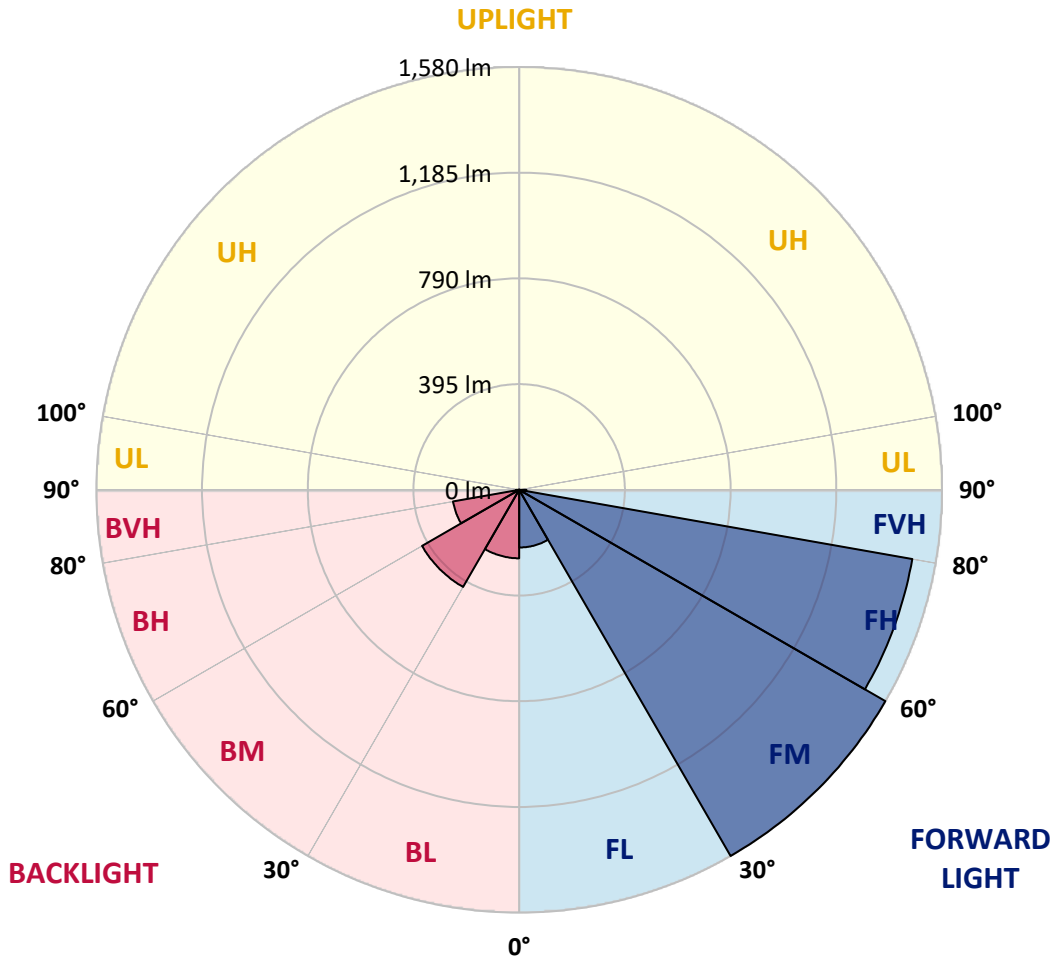
Scaled Data Report

REPORT NUMBER: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	215.6	5.1			
FM	(30°-60°)	1580.5	37.2			
FH	(60°-80°)	1492.1	35.1			G1/1800
FVH	(80°-90°)	26.8	0.6			G1/100
BL	(0°-30°)	255.9	6.0	B1/500		
BM	(30°-60°)	419.3	9.9	B1/1000		
BH	(60°-80°)	251.1	5.9	B1/500		G1/500
BVH	(80°-90°)	12.1	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8	*552.8*	552.8
2.5°	522.8	526.8	524.8	528.8	528.8	532.8	536.8	538.8	544.8	*546.8*	548.8
5°	490.9	486.9	486.9	494.9	500.9	508.9	518.9	530.8	544.8	*548.8*	554.8
7.5°	443.0	443.0	445.0	457.0	471.0	488.9	504.9	526.8	550.8	*560.8*	568.7
10°	415.1	415.1	415.1	425.1	439.0	465.0	494.9	524.8	558.8	*572.7*	588.7
12.5°	403.1	401.1	403.1	409.1	421.1	445.0	482.9	526.8	570.7	*592.7*	612.6
15°	399.1	399.1	401.1	403.1	413.1	435.0	474.9	530.8	586.7	*610.6*	636.6
17.5°	399.1	401.1	399.1	403.1	411.1	431.0	473.0	534.8	600.7	*630.6*	656.5
20°	403.1	405.1	403.1	405.1	413.1	433.0	473.0	540.8	616.6	*648.6*	680.5
22.5°	423.1	423.1	419.1	417.1	423.1	437.0	474.9	546.8	632.6	*668.5*	700.4
25°	457.0	455.0	447.0	443.0	441.0	453.0	480.9	556.8	648.6	*682.5*	720.4
27.5°	534.8	538.8	518.9	490.9	476.9	474.9	498.9	566.7	666.5	*696.5*	738.4
30°	698.5	682.5	650.6	592.7	534.8	508.9	518.9	582.7	684.5	*714.4*	762.3
32.5°	866.1	864.1	802.2	724.4	638.6	570.7	550.8	606.7	712.4	*742.4*	788.3
35°	1085.6	1087.6	993.8	872.1	758.3	644.6	594.7	636.6	746.3	*776.3*	828.2
37.5°	1291.1	1281.2	1209.3	1069.6	904.0	738.4	652.6	678.5	786.3	*822.2*	886.0
40°	1476.7	1458.8	1418.9	1293.1	1079.6	866.1	726.4	728.4	836.1	*880.1*	961.9
42.5°	1582.5	1584.5	1584.5	1518.6	1297.1	1021.7	822.2	802.2	904.0	*949.9*	1057.7
45°	1670.3	1662.3	1704.2	1712.2	1536.6	1219.3	949.9	888.0	993.8	*1047.7*	1181.4
47.5°	1764.1	1782.1	1812.0	1887.8	1782.1	1440.8	1109.5	1007.8	1109.5	*1159.4*	1325.1
50°	1881.8	1883.8	1937.7	2029.5	2005.6	1704.2	1301.1	1141.5	1243.2	*1311.1*	1480.7
52.5°	1816.0	1847.9	1971.6	2121.3	2169.2	1945.7	1508.7	1311.1	1400.9	*1468.7*	1660.3
55°	1420.9	1538.6	1919.7	2121.3	2241.0	2155.2	1738.1	1492.7	1566.5	*1656.3*	1837.9
57.5°	1175.4	1205.3	1518.6	2029.5	2157.2	2282.9	1961.7	1714.2	1762.1	*1849.9*	2049.5
60°	1083.6	1101.6	1253.2	1883.8	2011.5	2255.0	2157.2	1927.7	1971.6	*2073.4*	2273.0
62.5°	892.0	912.0	1057.7	1550.6	1873.8	2157.2	2304.9	2143.3	2197.1	*2326.8*	2478.5
65°	788.3	804.2	894.0	1175.4	1718.2	2137.3	2374.7	2328.8	2348.8	*2446.6*	2476.5
67.5°	700.4	714.4	814.2	1025.7	1412.9	2151.2	2408.7	2338.8	2412.7	*2570.3*	2604.2
70°	582.7	596.7	678.5	880.1	1227.3	1937.7	2310.9	2478.5	2638.2	*2779.8*	2706.0
72.5°	*341.2*	*367.2*	*508.9*	*668.5*	*981.8*	*1402.9*	*2356.8*	*2604.2*	*2730.0*	*2881.6*	*2652.1*
75°	101.8	107.8	237.5	377.2	500.9	973.8	1708.2	2594.3	2678.1	*2706.0*	2340.8
77.5°	73.8	79.8	117.7	185.6	193.6	451.0	1049.7	1939.7	1849.9	*1706.2*	1255.2
80°	55.9	57.9	87.8	91.8	93.8	147.7	273.4	381.2	451.0	*277.4*	239.5
82.5°	35.9	39.9	65.9	55.9	47.9	49.9	67.8	103.8	103.8	*59.9*	51.9
85°	16.0	20.0	39.9	27.9	18.0	22.0	29.9	37.9	31.9	*22.0*	20.0
87.5°	2.0	2.0	2.0	4.0	4.0	6.0	8.0	10.0	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: P1704729
CATALOG NUMBER: GSS-SB2A-AMB-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8	552.8
2.5°	552.8	558.8	562.8	568.7	576.7	584.7	590.7	596.7	598.7	600.7	598.7
5°	562.8	572.7	596.7	614.6	634.6	648.6	656.5	666.5	668.5	670.5	674.5
7.5°	580.7	596.7	636.6	660.5	690.5	704.4	716.4	716.4	714.4	714.4	714.4
10°	606.7	632.6	684.5	716.4	744.4	742.4	724.4	706.4	690.5	684.5	684.5
12.5°	634.6	668.5	732.4	774.3	768.3	732.4	686.5	650.6	628.6	620.6	616.6
15°	666.5	712.4	780.3	806.2	758.3	682.5	626.6	592.7	570.7	560.8	560.8
17.5°	698.5	752.3	830.2	810.2	710.4	620.6	560.8	522.8	508.9	500.9	500.9
20°	726.4	784.3	856.1	776.3	642.6	546.8	494.9	482.9	486.9	490.9	492.9
22.5°	756.3	820.2	868.1	718.4	566.7	473.0	459.0	471.0	484.9	490.9	490.9
25°	784.3	854.1	852.1	646.6	473.0	427.1	441.0	461.0	476.9	492.9	492.9
27.5°	814.2	888.0	818.2	548.8	399.1	397.1	417.1	447.0	476.9	498.9	500.9
30°	846.1	916.0	762.3	449.0	353.2	367.2	393.1	431.0	463.0	486.9	492.9
32.5°	894.0	945.9	704.4	359.2	321.3	335.3	367.2	399.1	433.0	447.0	449.0
35°	945.9	967.9	626.6	301.3	291.4	309.3	335.3	353.2	359.2	361.2	363.2
37.5°	1007.8	991.8	530.8	273.4	269.4	287.4	299.3	287.4	283.4	275.4	275.4
40°	1089.6	1017.7	435.0	259.4	257.4	269.4	259.4	239.5	227.5	225.5	223.5
42.5°	1171.4	1043.7	357.2	251.4	253.4	261.4	233.5	215.5	199.6	193.6	195.6
45°	1265.2	1075.6	305.3	251.4	255.4	259.4	227.5	201.6	185.6	199.6	205.5
47.5°	1365.0	1099.6	283.4	251.4	259.4	255.4	229.5	191.6	185.6	215.5	225.5
50°	1464.8	1135.5	279.4	253.4	261.4	255.4	221.5	195.6	181.6	209.5	221.5
52.5°	1564.5	1147.5	279.4	253.4	265.4	259.4	217.5	191.6	173.6	183.6	187.6
55°	1678.3	1137.5	281.4	249.4	267.4	259.4	219.5	183.6	159.6	165.6	169.6
57.5°	1786.0	1139.5	281.4	239.5	263.4	249.4	223.5	177.6	155.7	157.7	157.7
60°	1917.8	1137.5	281.4	225.5	255.4	235.5	225.5	173.6	151.7	151.7	153.7
62.5°	2041.5	1145.5	275.4	213.5	241.5	227.5	223.5	167.6	143.7	133.7	131.7
65°	1975.6	1071.6	259.4	193.6	223.5	217.5	215.5	159.6	133.7	123.7	123.7
67.5°	2051.5	1093.6	249.4	175.6	189.6	201.6	199.6	149.7	121.7	113.7	113.7
70°	2067.4	1021.7	209.5	155.7	167.6	175.6	175.6	133.7	107.8	101.8	101.8
72.5°	*1947.7*	*872.1*	*155.7*	*127.7*	*139.7*	*131.7*	*161.6*	*121.7*	*95.8*	*91.8*	*91.8*
75°	1610.4	606.7	109.8	101.8	101.8	113.7	135.7	111.8	85.8	85.8	81.8
77.5°	790.2	255.4	75.8	75.8	75.8	89.8	111.8	99.8	83.8	83.8	69.8
80°	209.5	97.8	45.9	41.9	45.9	59.9	79.8	73.8	65.9	59.9	41.9
82.5°	61.9	37.9	29.9	25.9	25.9	29.9	55.9	49.9	33.9	25.9	25.9
85°	22.0	20.0	16.0	14.0	12.0	10.0	16.0	25.9	16.0	14.0	14.0
87.5°	10.0	10.0	8.0	6.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0
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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Peachtree City, GA 30269

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

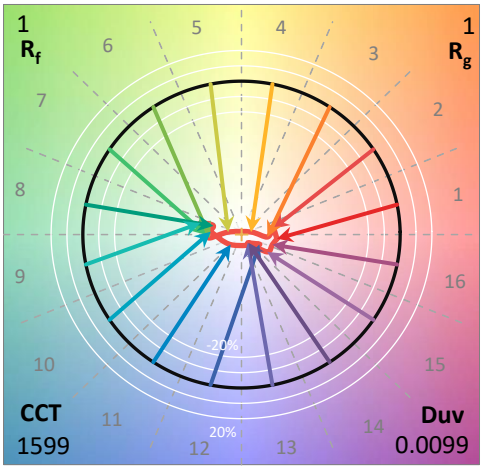
Test Information

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

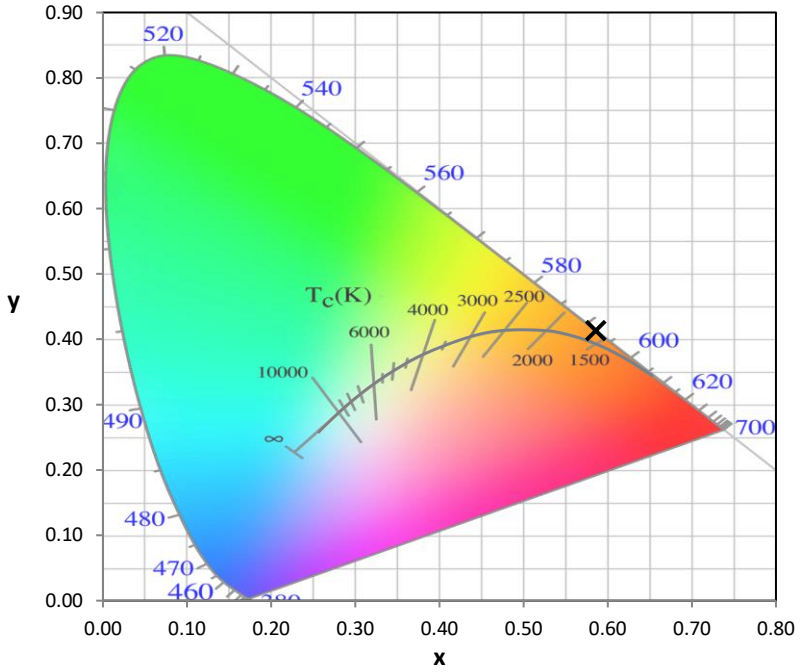
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

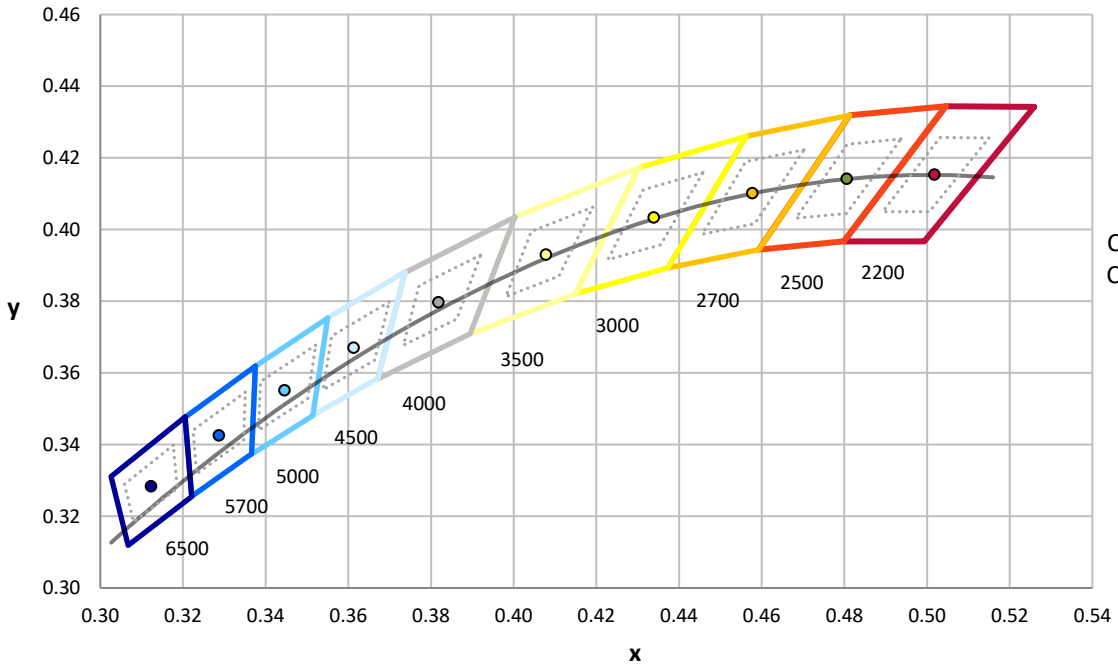
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

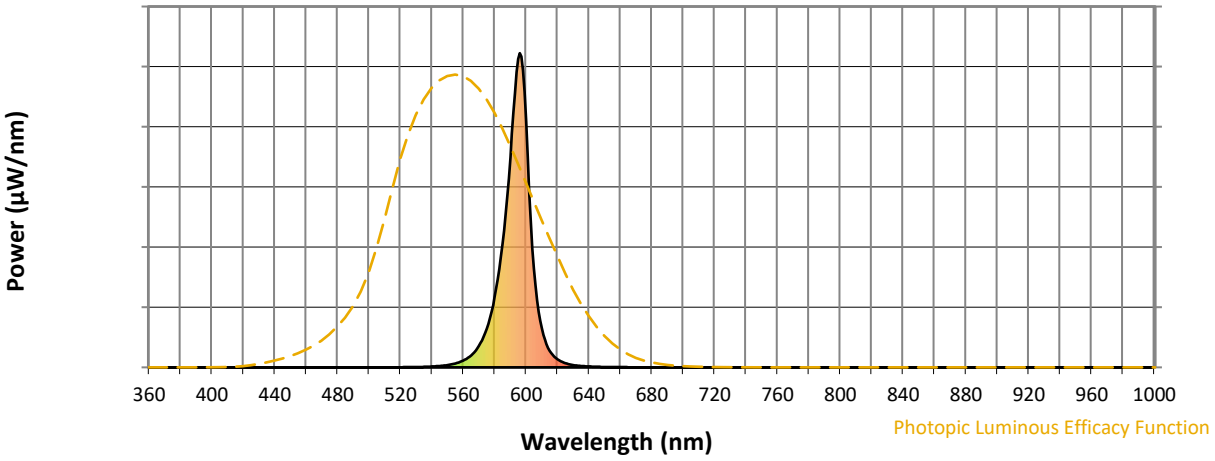


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

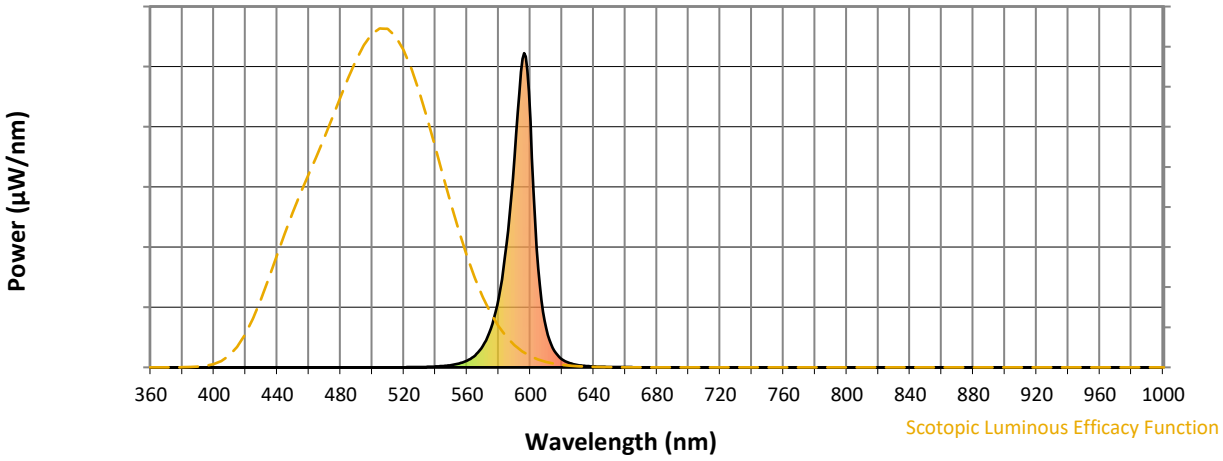


Photopic Lumens: NR

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

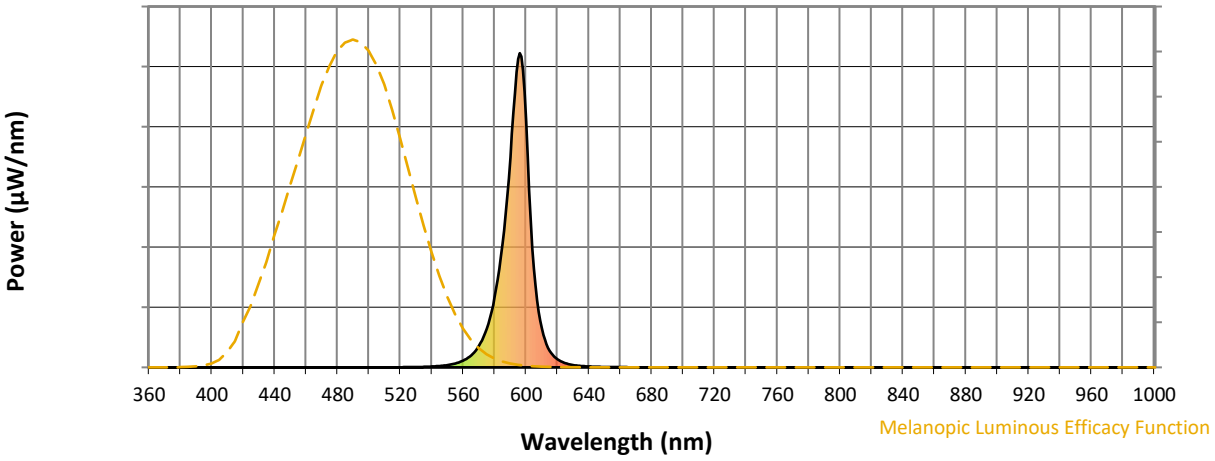


Scotopic Lumens: NR **S/P: 0.23**

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			

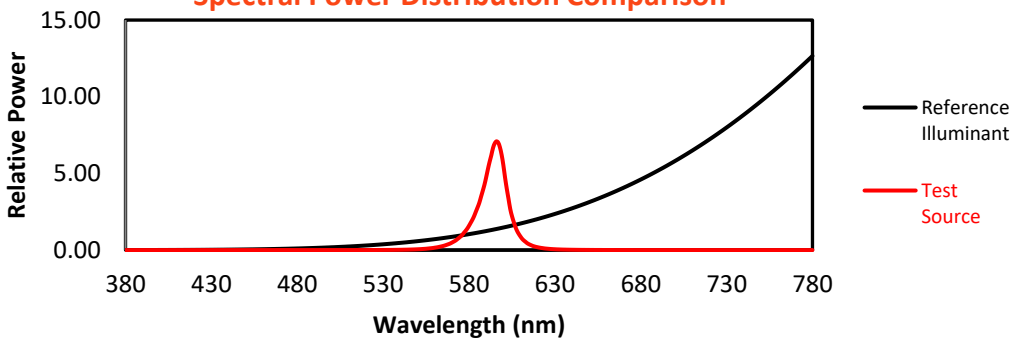
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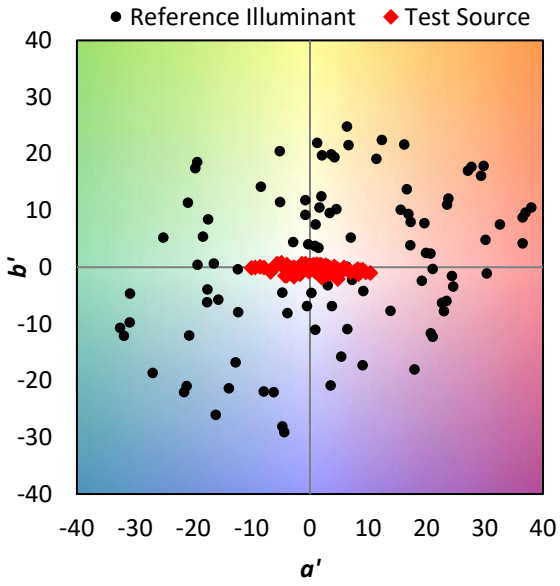
Summary

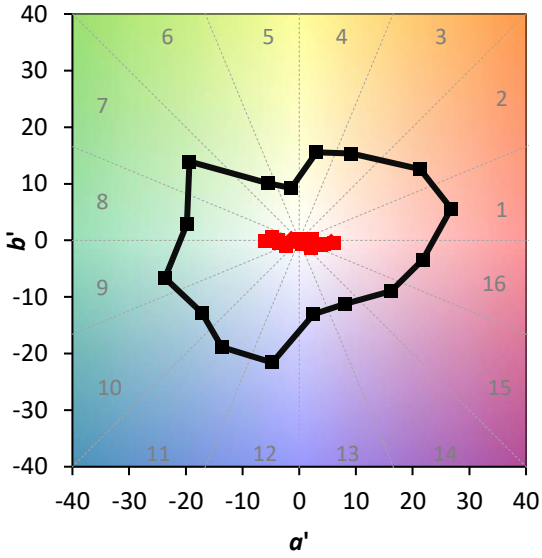
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

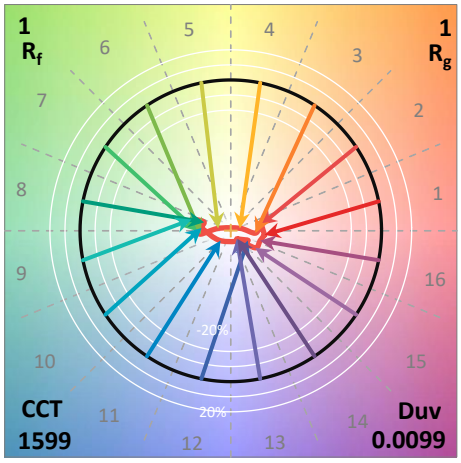
Spectral Power Distribution Comparison

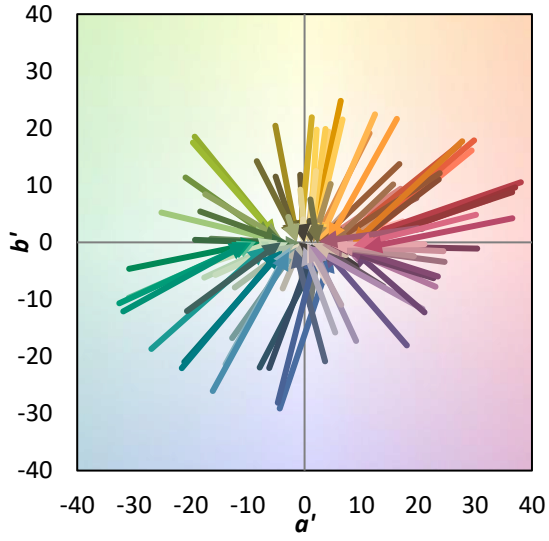


Color Vector Graphics







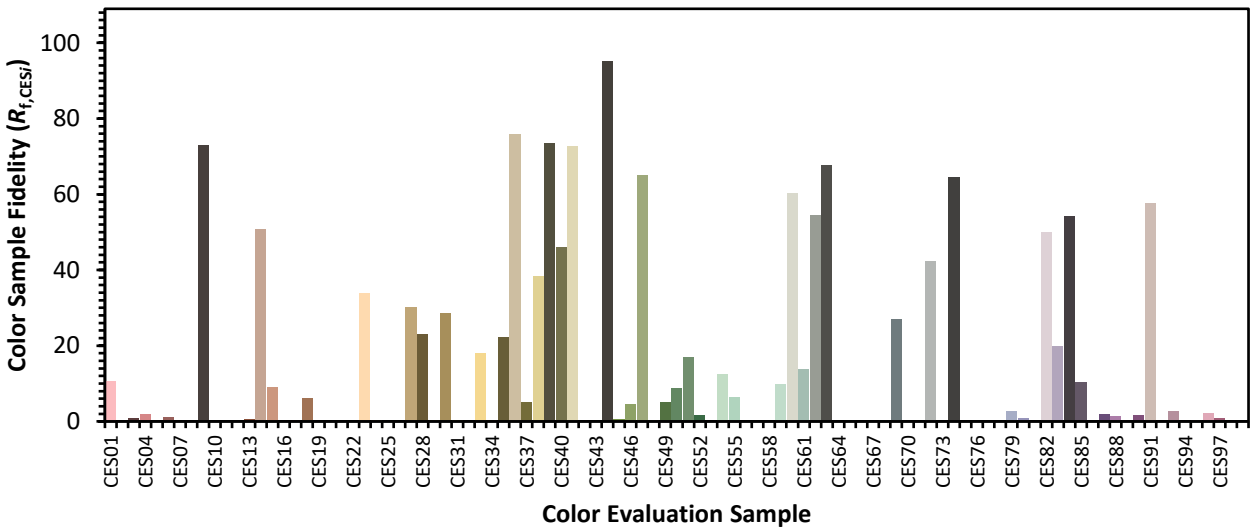


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Individual Sample Fidelity Index ($R_{f,i}$)

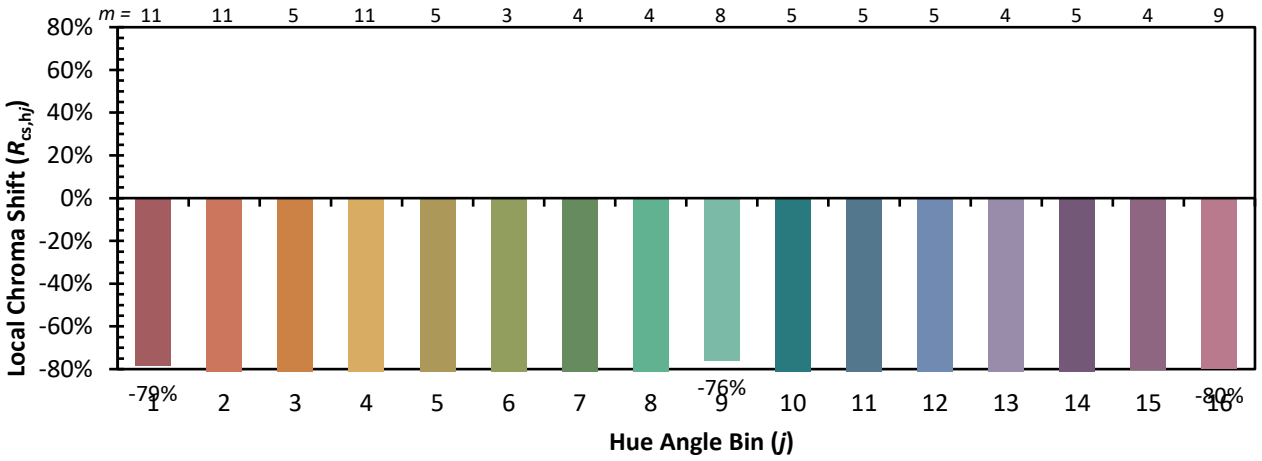
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

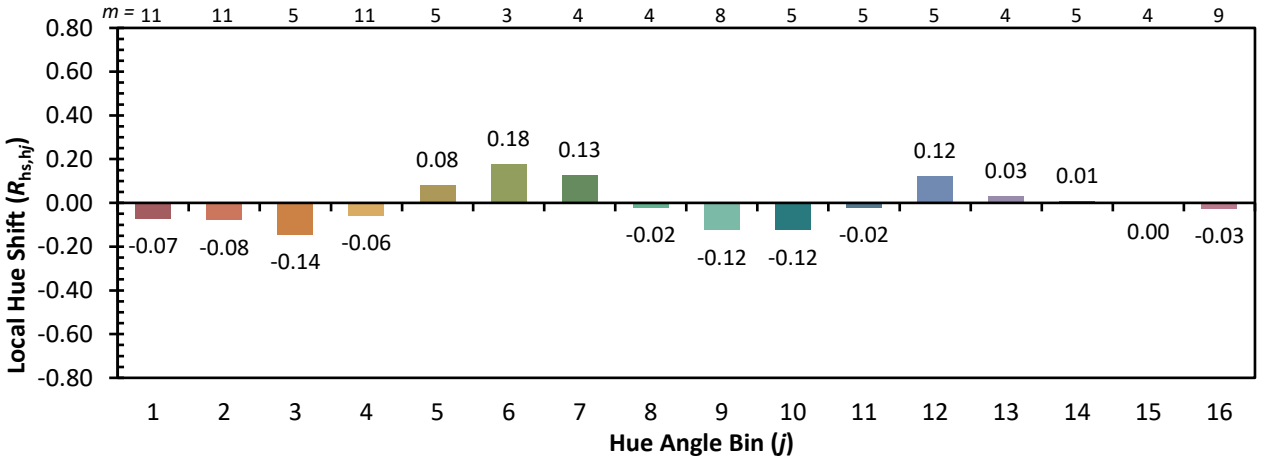


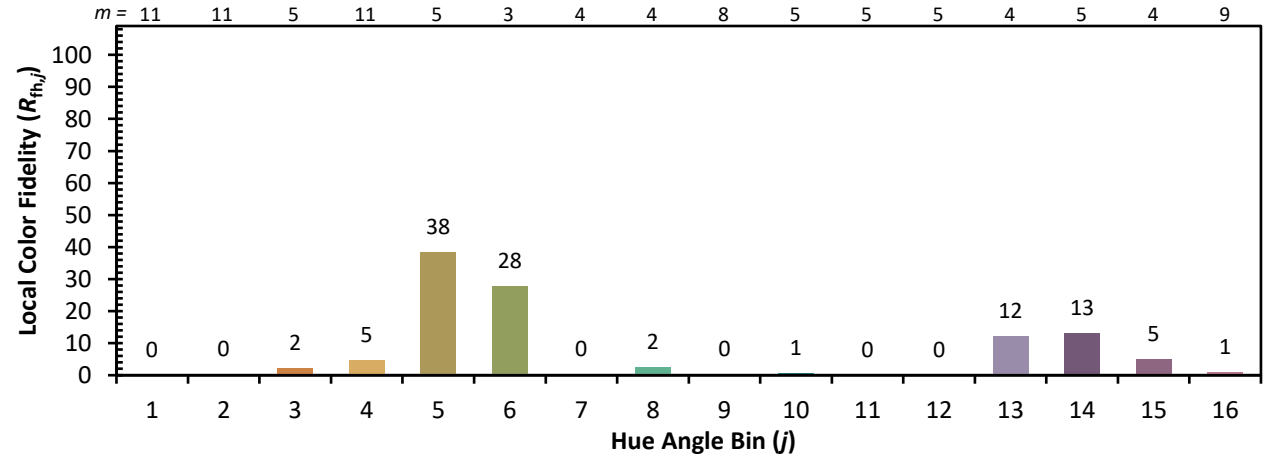
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Color Rendition by Hue-Angle Bin



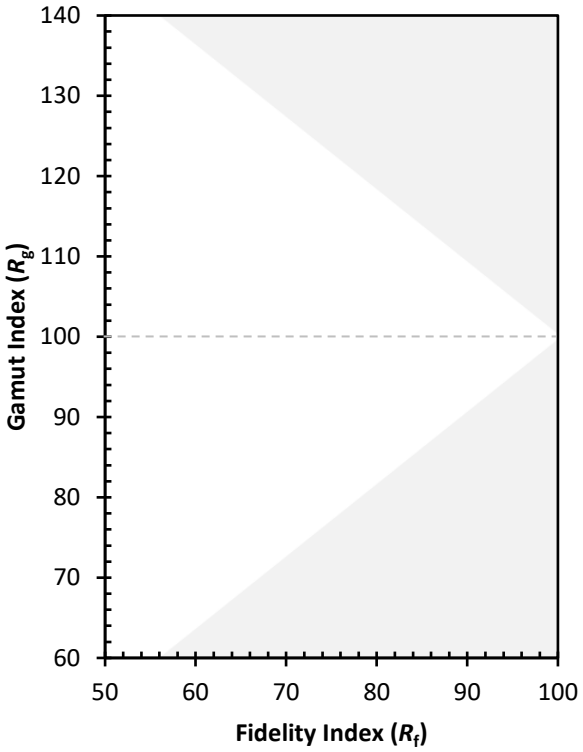


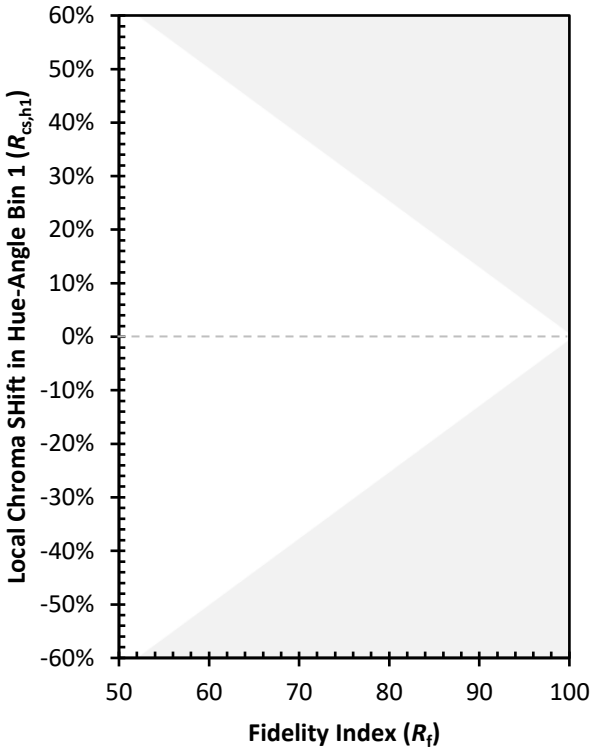


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Measure Comparisons





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