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-SL2-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-SL2-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T2 SPILL CONTROL DISTRIBUTION WITH HOUSE SIDE SHIELD
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	5232.1 lumens
Efficiency:	N/A
Efficacy:	51.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B1 - U0 - G1

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

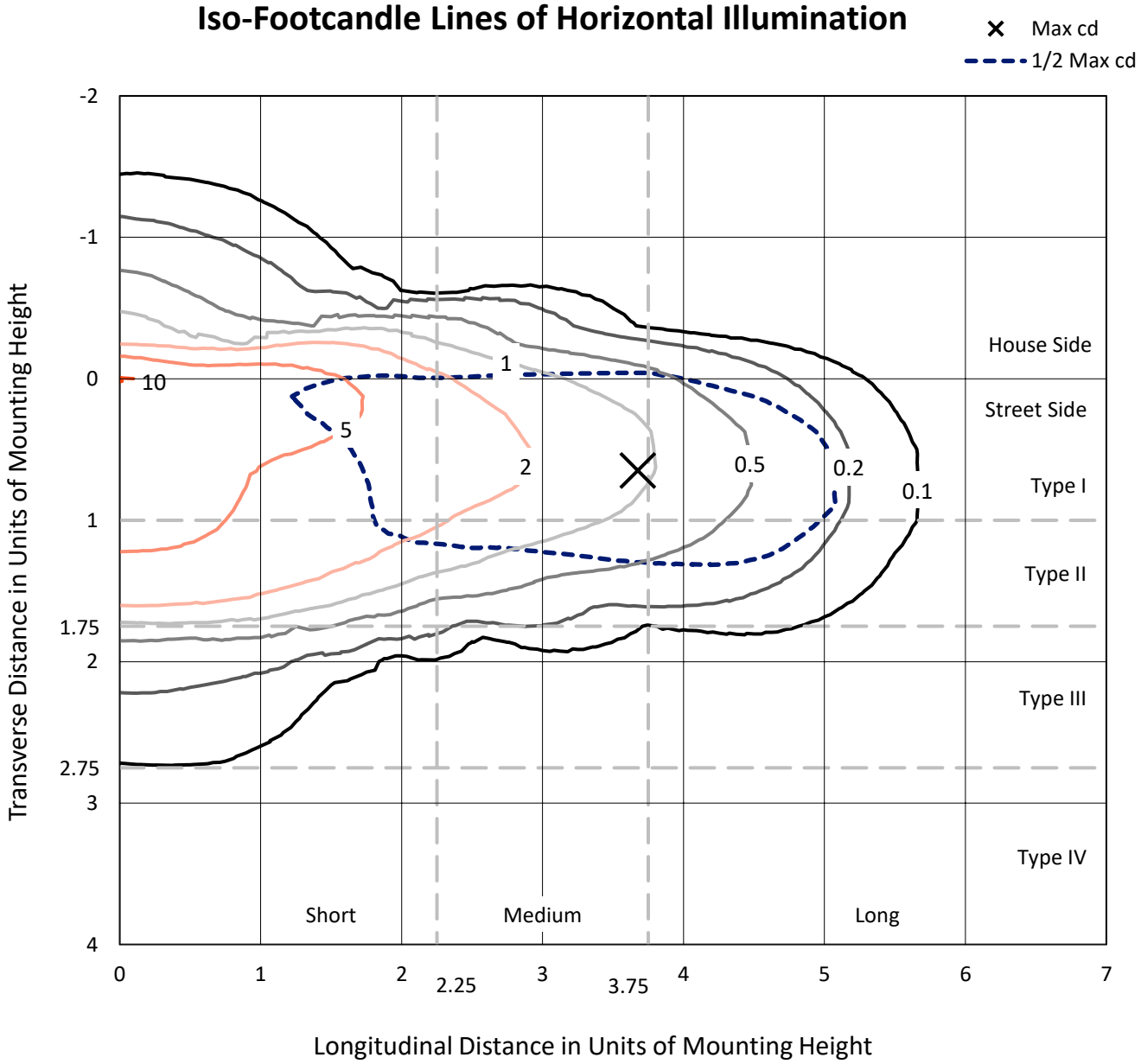


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL2-HSS

Iso-Footcandle Lines of Horizontal Illumination



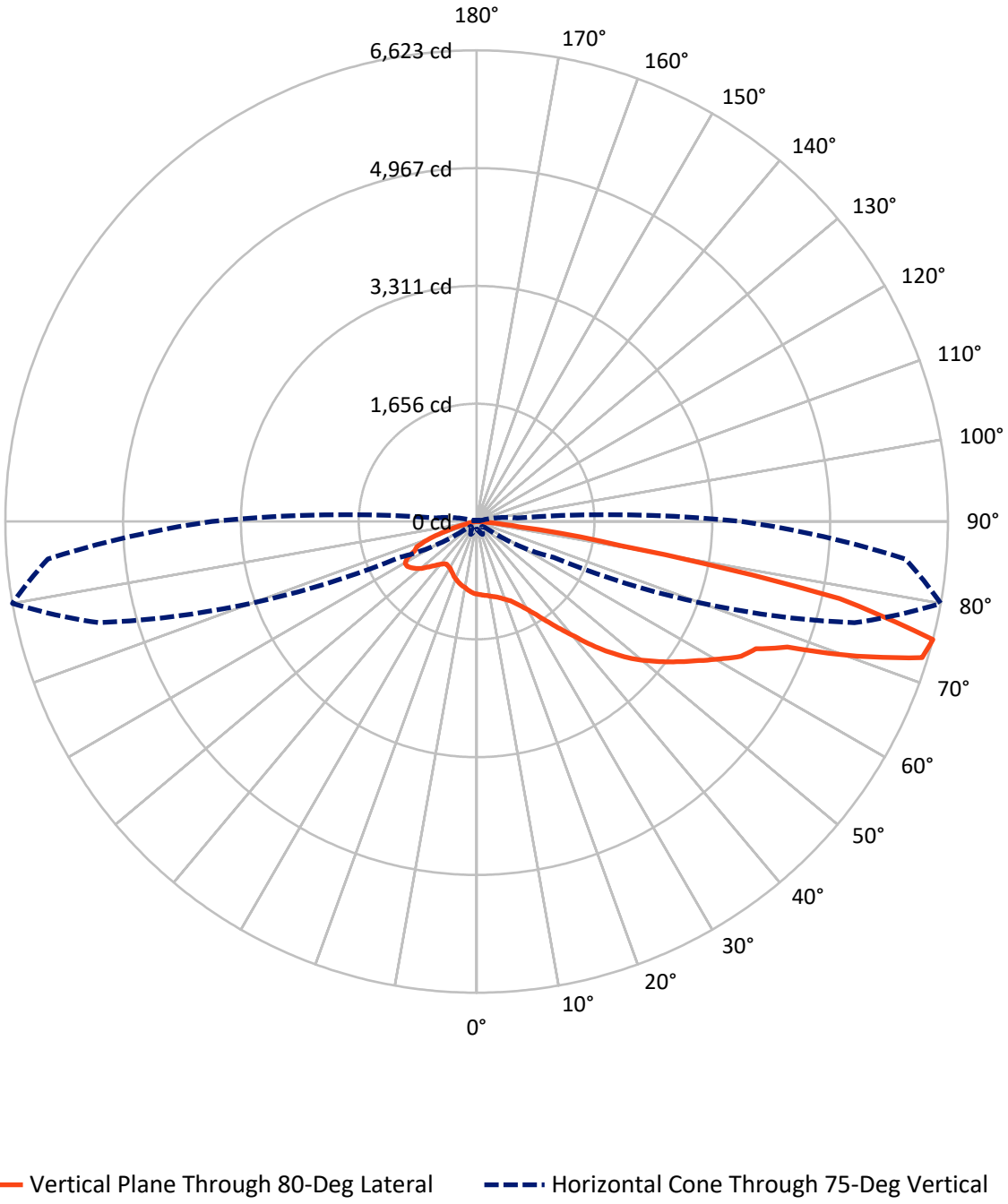
Based on 10 foot mounting height. Maximum calculated value = 10.2 fc
Type II - Medium - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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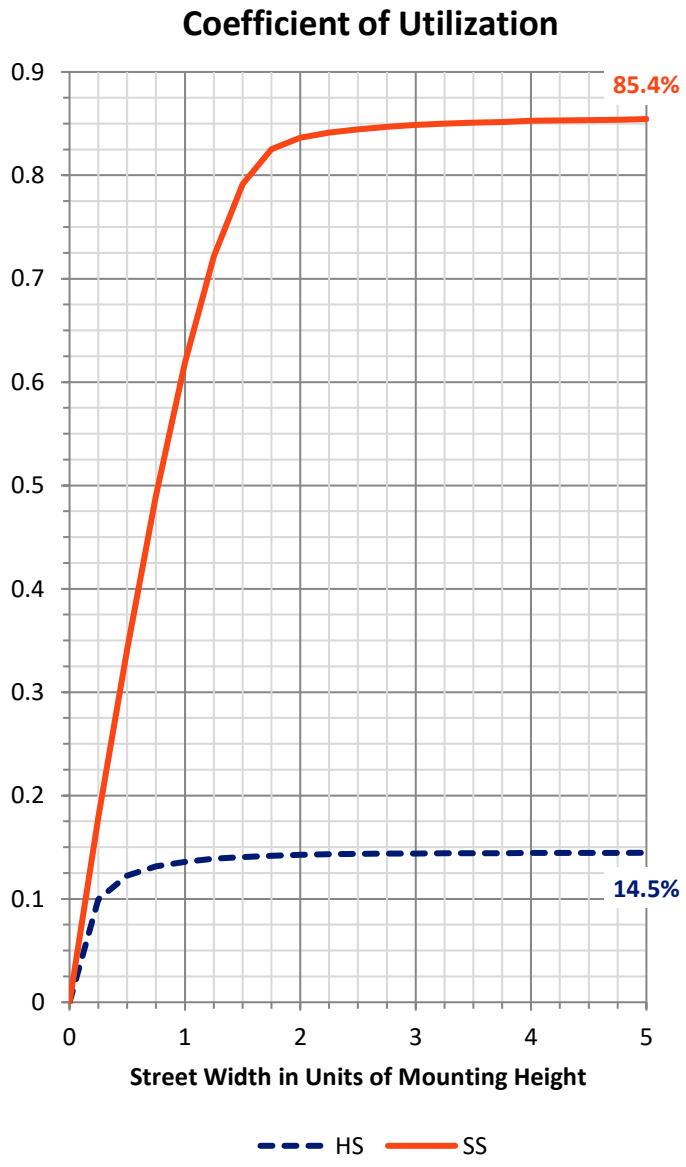
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL2-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	762.4	0.0	762.4
	% Fixture	14.6	0.0	14.6
Street Side	Lumens	4469.8	0.0	4469.8
	% Fixture	85.4	0.0	85.4
Total	Lumens	5232.1	0.0	5232.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.8	1.6
10°-20°	196.8	3.8
20°-30°	333.3	6.4
30°-40°	549.0	10.5
40°-50°	866.2	16.6
50°-60°	1194.5	22.8
60°-70°	1157.4	22.1
70°-80°	790.8	15.1
80°-90°	58.4	1.1
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°	5232.1	100.0
0°-180°	5232.1	100.0



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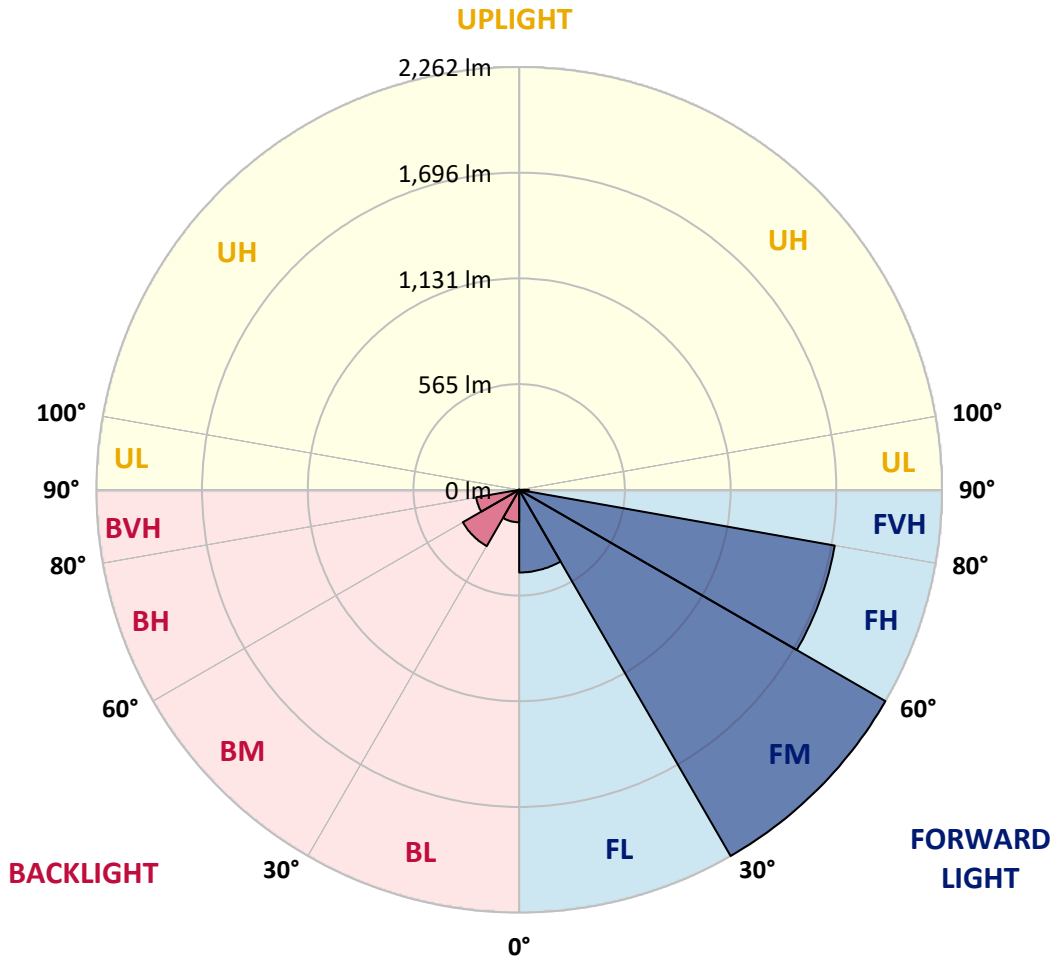
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	442.3	8.5			
FM	(30°-60°)	2261.7	43.2			
FH	(60°-80°)	1714.2	32.8			G1/1800
FVH	(80°-90°)	51.6	1.0			G1/100
BL	(0°-30°)	173.6	3.3	B1/500		
BM	(30°-60°)	348.0	6.7	B1/1000		
BH	(60°-80°)	233.9	4.5	B1/500		G1/500
BVH	(80°-90°)	6.9	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-G1
Type II Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	*1020.1*	1020.1
2.5°	1076.9	1070.9	1067.9	1064.9	1067.9	1058.9	1058.9	1044.0	1038.0	*1029.0*	1026.0
5°	1002.1	996.1	999.1	1011.1	1014.1	1029.0	1044.0	1061.9	1055.9	*1041.0*	1035.0
7.5°	906.4	900.4	909.4	930.3	957.2	981.2	1005.1	1035.0	1064.9	*1050.0*	1035.0
10°	831.6	831.6	840.6	852.5	873.5	921.3	975.2	1014.1	1067.9	*1067.9*	1044.0
12.5°	819.6	819.6	813.6	819.6	834.6	864.5	930.3	1002.1	1064.9	*1082.9*	1055.9
15°	858.5	852.5	846.6	837.6	831.6	846.6	894.4	999.1	1070.9	*1103.8*	1079.9
17.5°	930.3	918.3	909.4	885.4	864.5	855.5	885.4	993.1	1088.9	*1133.7*	1106.8
20°	1014.1	1005.1	987.1	948.3	921.3	888.4	894.4	981.2	1115.8	*1169.6*	1148.7
22.5°	1109.8	1103.8	1082.9	1041.0	984.2	942.3	921.3	987.1	1151.7	*1208.5*	1196.5
25°	1217.5	1211.5	1184.6	1139.7	1073.9	1011.1	966.2	1005.1	1217.5	*1277.3*	1256.4
27.5°	1313.2	1304.2	1277.3	1241.4	1169.6	1088.9	1026.0	1050.0	1286.3	*1349.1*	1328.2
30°	1391.0	1391.0	1367.1	1331.2	1265.3	1163.6	1091.8	1106.8	1379.0	*1447.8*	1432.9
32.5°	1486.7	1471.7	1453.8	1408.9	1346.1	1247.4	1169.6	1184.6	1483.7	*1573.5*	1555.5
35°	1594.4	1588.4	1561.5	1498.7	1432.9	1328.2	1259.4	1274.3	1606.4	*1738.0*	1723.0
37.5°	1666.2	1654.2	1636.3	1606.4	1513.6	1402.9	1334.1	1373.0	1744.0	*1917.5*	1920.5
40°	1741.0	1729.0	1720.0	1699.1	1630.3	1477.7	1414.9	1486.7	1890.5	*2123.9*	2141.8
42.5°	1818.7	1812.8	1806.8	1797.8	1738.0	1597.4	1504.7	1603.4	2055.1	*2375.1*	2420.0
45°	1887.5	1878.6	1893.5	1896.5	1851.7	1738.0	1594.4	1717.0	2231.6	*2620.4*	2713.2
47.5°	1950.4	1941.4	1968.3	1971.3	1950.4	1842.7	1699.1	1863.6	2423.0	*2859.7*	3009.3
50°	1986.3	1986.3	2037.1	2049.1	2028.1	1905.5	1785.8	1983.3	2599.5	*3072.1*	3248.6
52.5°	1950.4	1956.3	2040.1	2129.8	2123.9	1971.3	1878.6	2144.8	2790.9	*3275.5*	3481.9
55°	1926.4	1923.4	2019.2	2186.7	2228.6	2061.0	1998.2	2303.3	2973.4	*3476.0*	3715.3
57.5°	1558.5	1624.3	1800.8	2064.0	2318.3	2246.5	2165.7	2485.8	3203.7	*3688.3*	3900.7
60°	664.1	714.9	1011.1	1666.2	2171.7	2467.9	2458.9	2740.1	3446.0	*3921.7*	4107.1
62.5°	344.0	344.0	353.0	729.9	1609.4	2426.0	2907.6	3173.8	3796.0	*4172.9*	4295.6
65°	293.2	299.1	299.1	341.0	616.2	1791.8	2928.5	3703.3	4146.0	*4313.5*	4262.7
67.5°	272.2	275.2	287.2	287.2	263.2	697.0	2213.6	3960.6	4852.0	*4711.4*	4412.3
70°	239.3	248.3	269.2	254.3	197.4	218.4	1023.0	3511.9	5797.3	*5665.6*	4965.7
72.5°	188.5	197.4	236.3	233.3	155.6	140.6	299.1	2429.0	6054.5	*6545.1*	5566.9
75°	*107.7*	*110.7*	*143.6*	*197.4*	*122.6*	*101.7*	*137.6*	*1190.6*	*5495.1*	*6622.9*	*6045.5*
77.5°	74.8	77.8	104.7	137.6	83.8	71.8	89.7	376.9	3981.5	*5213.9*	4720.4
80°	29.9	32.9	65.8	104.7	59.8	44.9	56.8	167.5	1579.4	*2061.0*	1905.5
82.5°	12.0	15.0	38.9	53.8	38.9	29.9	32.9	77.8	388.9	*604.3*	314.1
85°	9.0	6.0	17.9	26.9	20.9	15.0	17.9	35.9	74.8	*89.7*	56.8
87.5°	0.0	0.0	3.0	3.0	3.0	3.0	6.0	12.0	15.0	*17.9*	17.9
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-SL2-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1
2.5°	1023.0	1017.1	1008.1	993.1	981.2	981.2	966.2	960.2	954.2	957.2	954.2
5°	1020.1	1005.1	978.2	954.2	909.4	870.5	843.6	822.6	804.7	792.7	801.7
7.5°	1017.1	993.1	954.2	879.5	816.6	750.8	697.0	646.1	613.2	598.3	607.2
10°	1017.1	984.2	906.4	804.7	709.0	607.2	499.6	427.8	391.9	376.9	373.9
12.5°	1023.0	984.2	873.5	732.9	577.3	424.8	338.0	266.2	239.3	227.3	227.3
15°	1035.0	993.1	828.6	643.1	433.7	293.2	221.4	197.4	188.5	188.5	188.5
17.5°	1053.0	987.1	786.7	526.5	311.1	215.4	188.5	179.5	173.5	173.5	173.5
20°	1085.9	987.1	735.9	424.8	227.3	185.5	170.5	164.5	161.5	161.5	161.5
22.5°	1121.8	996.1	679.0	320.1	188.5	167.5	155.6	149.6	146.6	146.6	149.6
25°	1169.6	1014.1	595.3	239.3	170.5	152.6	140.6	134.6	134.6	134.6	137.6
27.5°	1214.5	1032.0	526.5	197.4	152.6	134.6	125.6	122.6	122.6	125.6	125.6
30°	1280.3	1055.9	454.7	170.5	140.6	125.6	116.7	113.7	116.7	119.7	119.7
32.5°	1370.0	1103.8	385.9	158.5	131.6	116.7	110.7	107.7	110.7	113.7	116.7
35°	1507.6	1154.7	314.1	149.6	122.6	110.7	104.7	101.7	104.7	107.7	107.7
37.5°	1663.2	1220.5	269.2	143.6	119.7	107.7	101.7	98.7	98.7	98.7	98.7
40°	1824.7	1301.2	248.3	140.6	113.7	104.7	95.7	89.7	89.7	92.7	92.7
42.5°	2049.1	1397.0	239.3	137.6	113.7	101.7	89.7	83.8	83.8	86.7	86.7
45°	2279.4	1519.6	233.3	134.6	110.7	95.7	83.8	77.8	77.8	80.8	80.8
47.5°	2524.7	1648.2	233.3	131.6	107.7	89.7	80.8	74.8	71.8	71.8	74.8
50°	2773.0	1782.8	245.3	125.6	101.7	86.7	77.8	68.8	68.8	65.8	65.8
52.5°	2970.4	1887.5	257.3	116.7	98.7	83.8	74.8	65.8	62.8	59.8	59.8
55°	3137.9	1974.3	266.2	110.7	95.7	77.8	71.8	62.8	56.8	56.8	53.8
57.5°	3311.4	2058.1	260.2	101.7	86.7	74.8	65.8	59.8	53.8	50.9	50.9
60°	3434.1	2094.0	233.3	92.7	80.8	68.8	62.8	53.8	47.9	44.9	41.9
62.5°	3511.9	2031.1	188.5	83.8	71.8	65.8	59.8	50.9	41.9	35.9	35.9
65°	3329.4	1806.8	125.6	71.8	65.8	59.8	50.9	41.9	32.9	26.9	26.9
67.5°	3377.2	1735.0	95.7	62.8	56.8	47.9	41.9	35.9	26.9	20.9	20.9
70°	3526.8	1414.9	68.8	53.8	47.9	38.9	32.9	29.9	23.9	17.9	17.9
72.5°	3640.5	981.2	53.8	44.9	38.9	26.9	23.9	23.9	17.9	12.0	12.0
75°	*3721.2*	*568.4*	*41.9*	*35.9*	*26.9*	*20.9*	*20.9*	*17.9*	*12.0*	*9.0*	*9.0*
77.5°	2605.5	257.3	32.9	26.9	17.9	15.0	12.0	9.0	9.0	3.0	3.0
80°	1148.7	113.7	26.9	17.9	12.0	9.0	9.0	6.0	3.0	3.0	0.0
82.5°	182.5	41.9	17.9	15.0	9.0	6.0	3.0	3.0	0.0	0.0	0.0
85°	38.9	20.9	12.0	9.0	6.0	3.0	3.0	0.0	0.0	0.0	0.0
87.5°	15.0	15.0	9.0	6.0	3.0	3.0	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

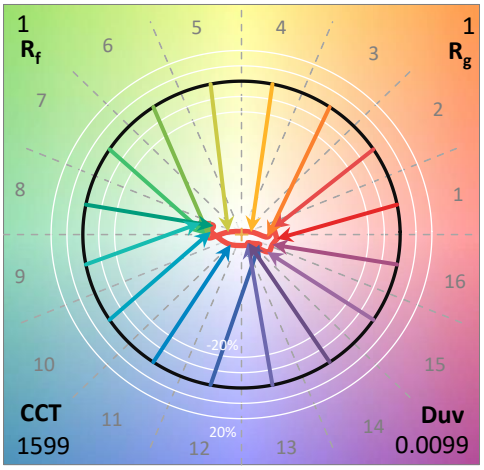
Test Information

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

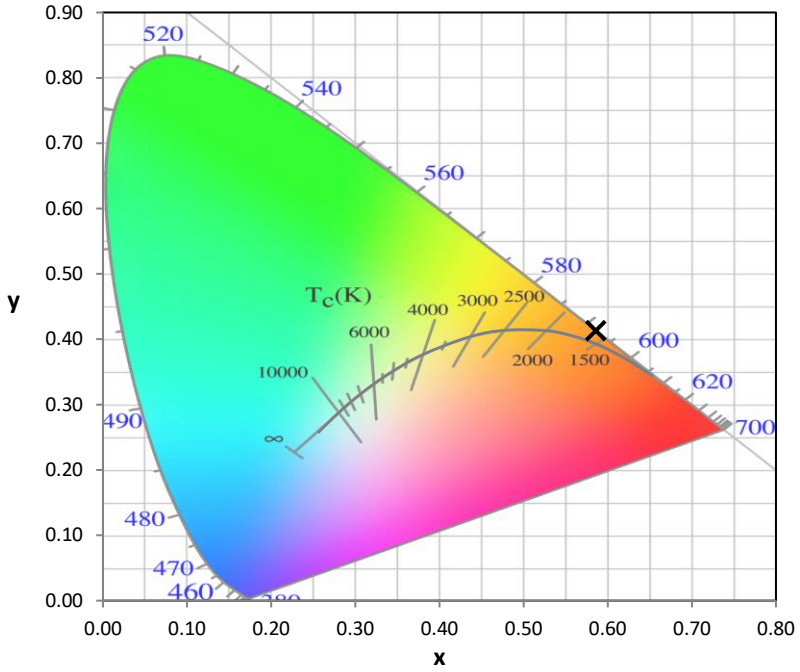
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

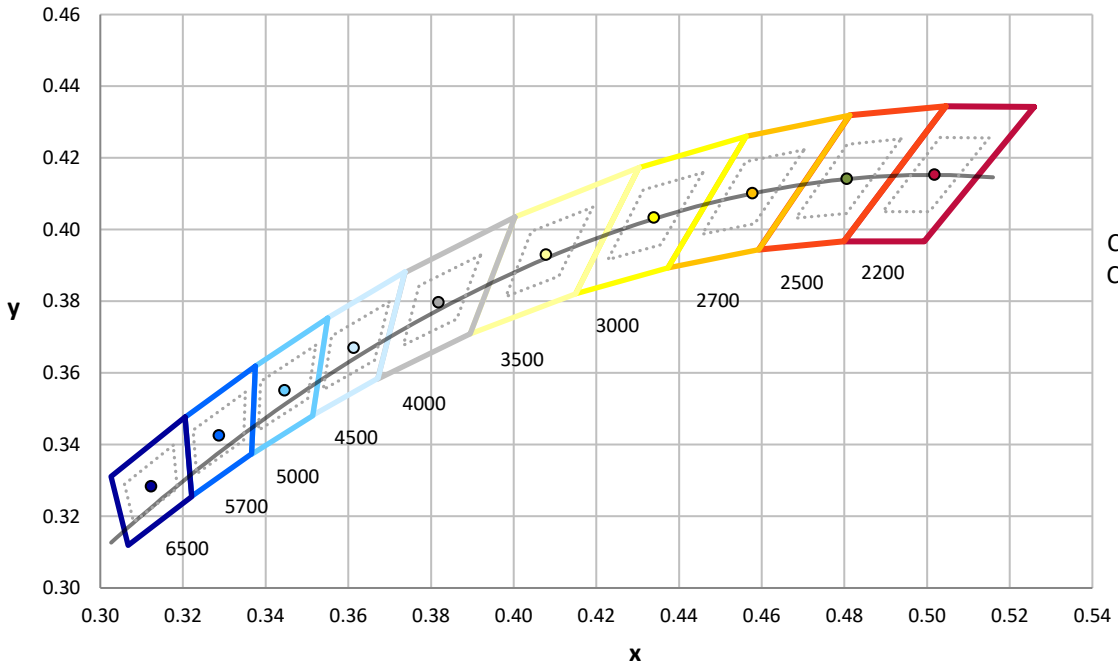
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

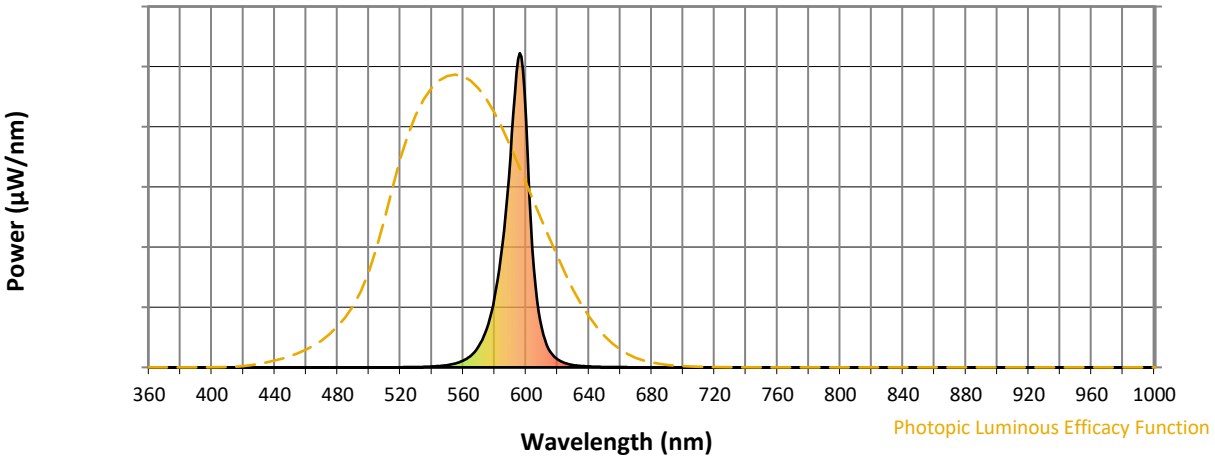


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

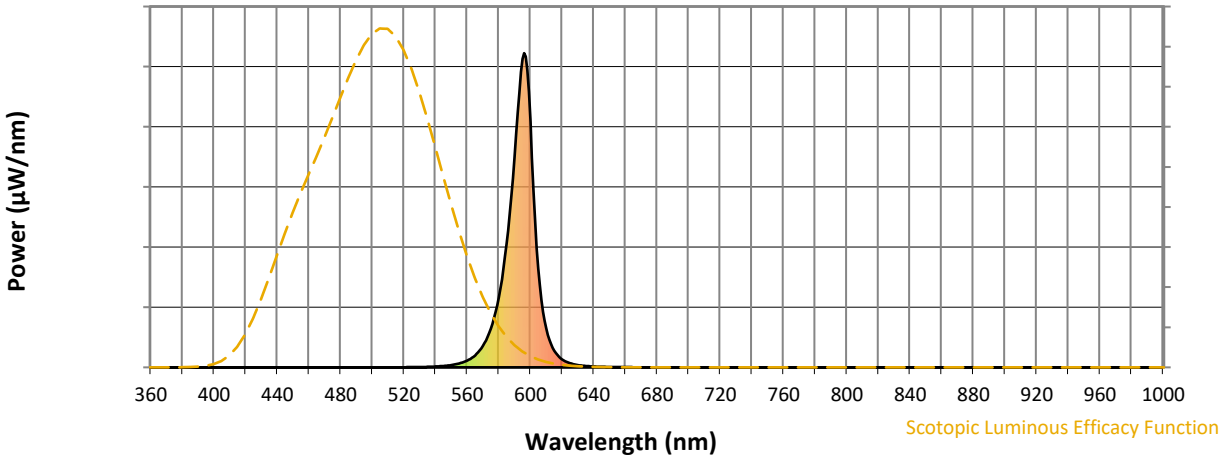


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength

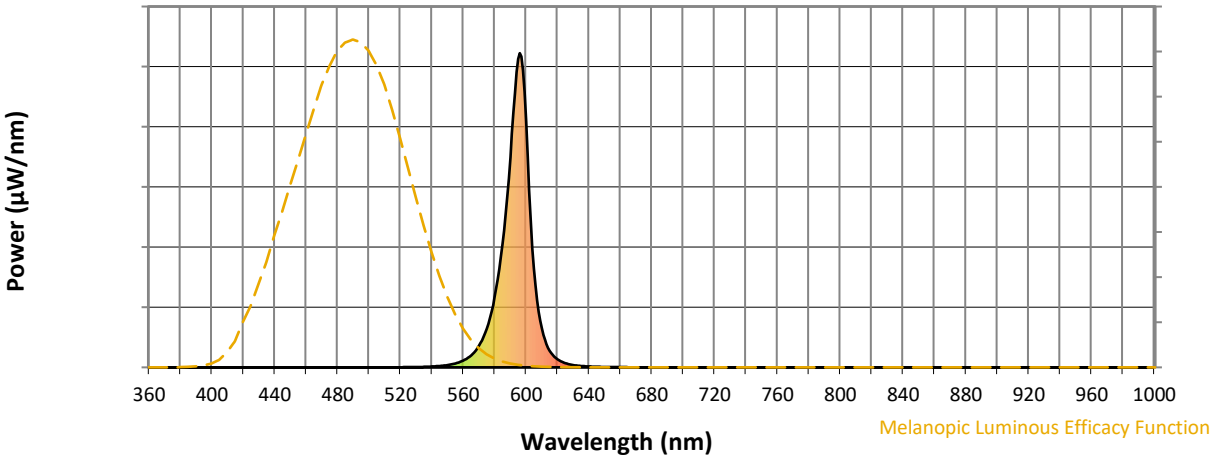


Scotopic Lumens: NR **S/P: 0.23**

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			

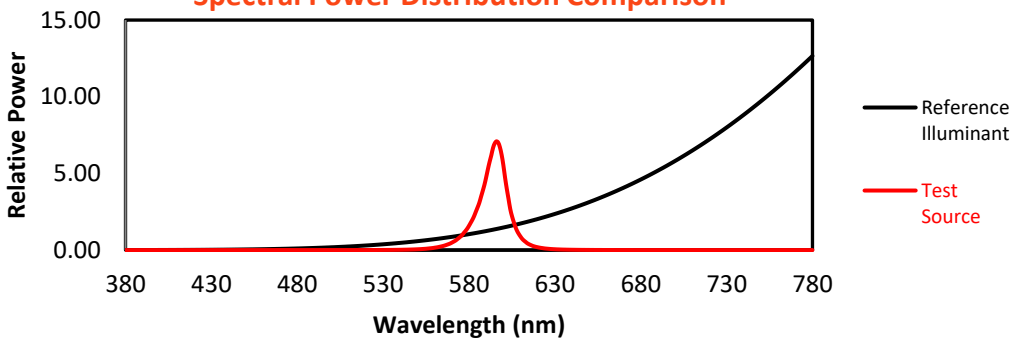
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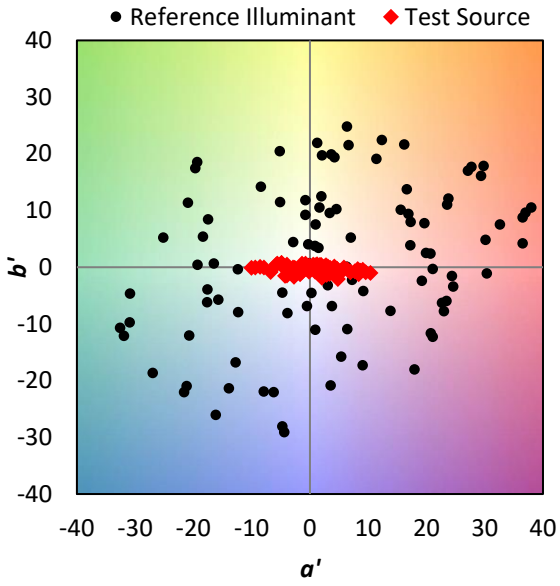
Summary

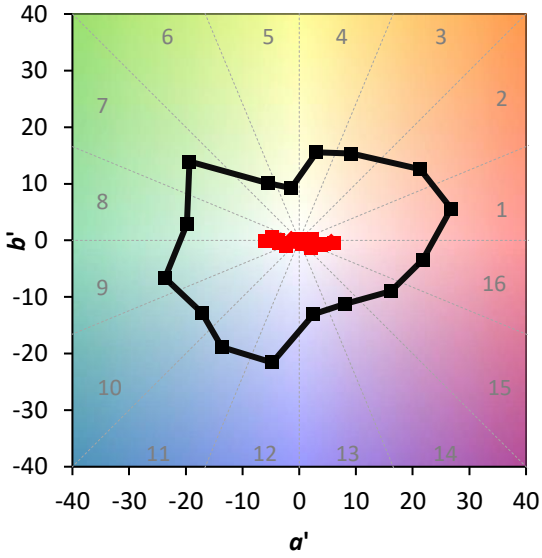
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

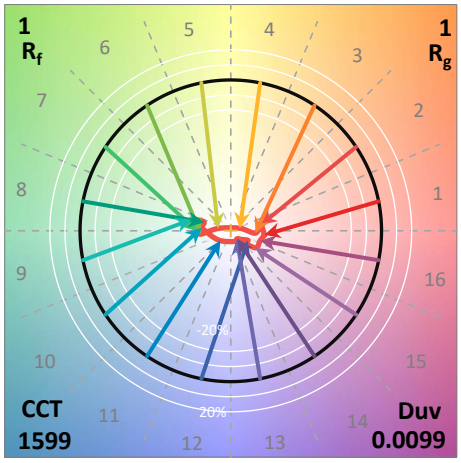
Spectral Power Distribution Comparison

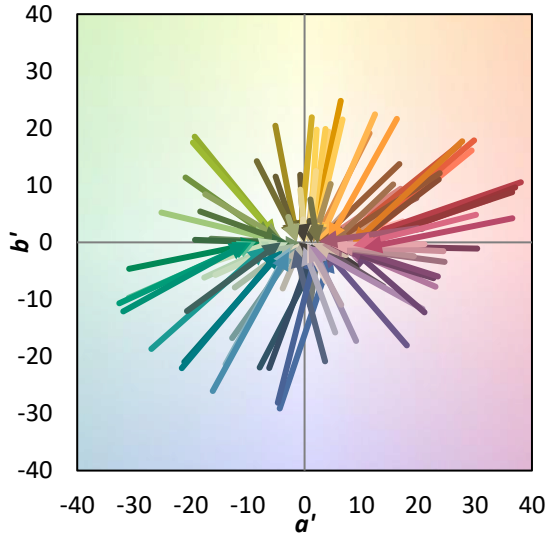


Color Vector Graphics







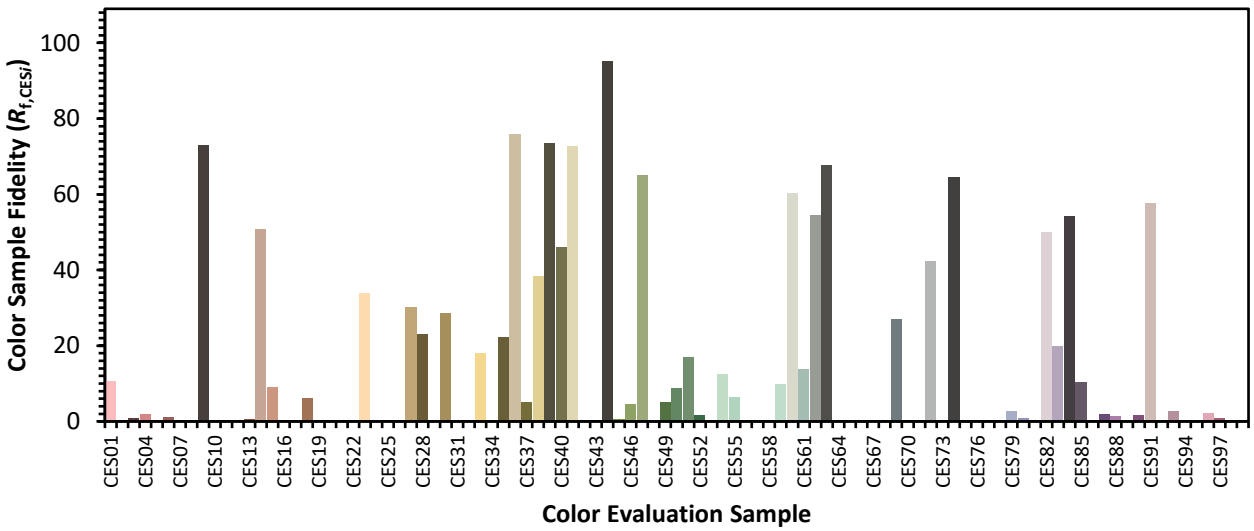


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Individual Sample Fidelity Index ($R_{f,i}$)

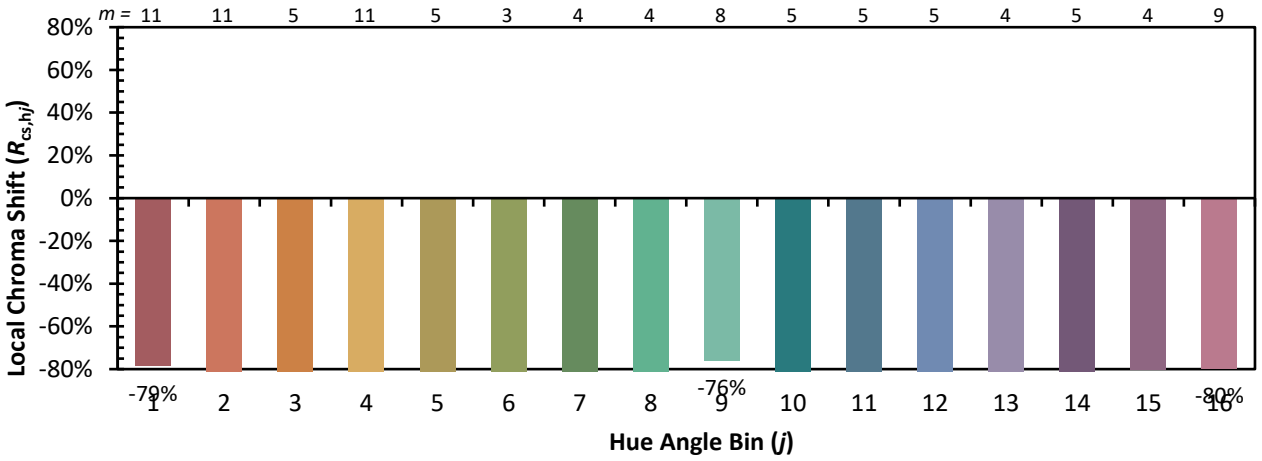
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

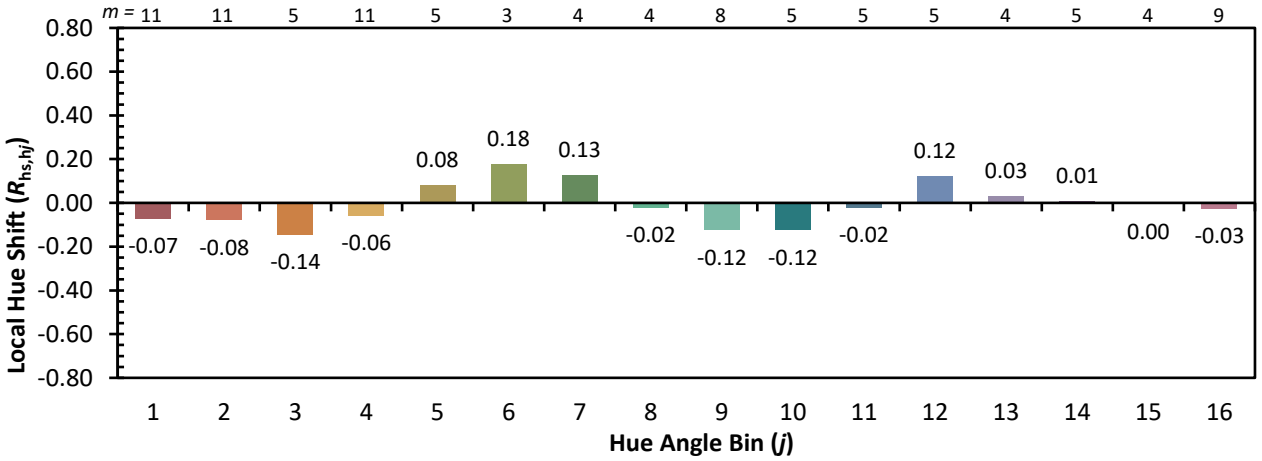


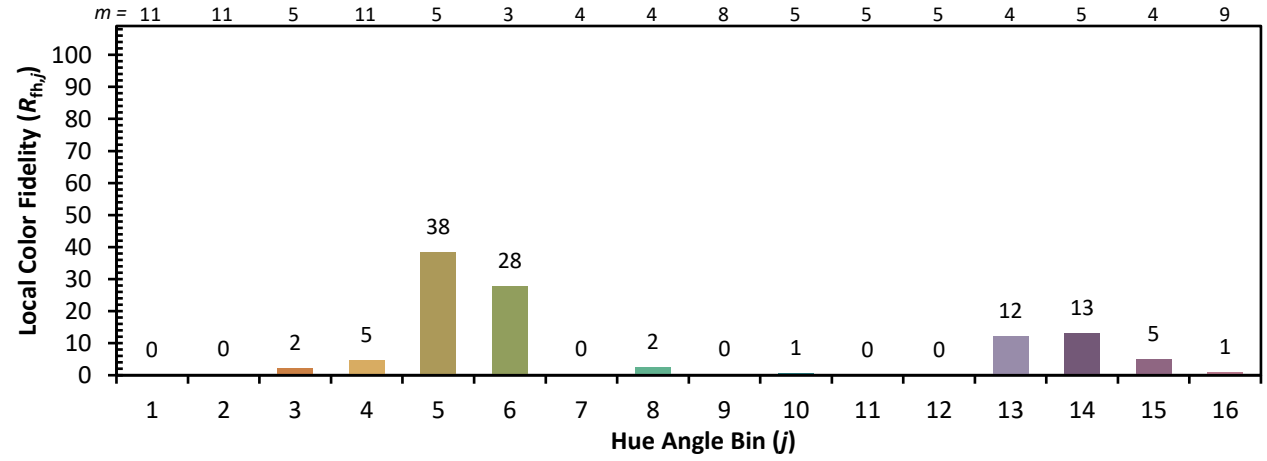
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Color Rendition by Hue-Angle Bin



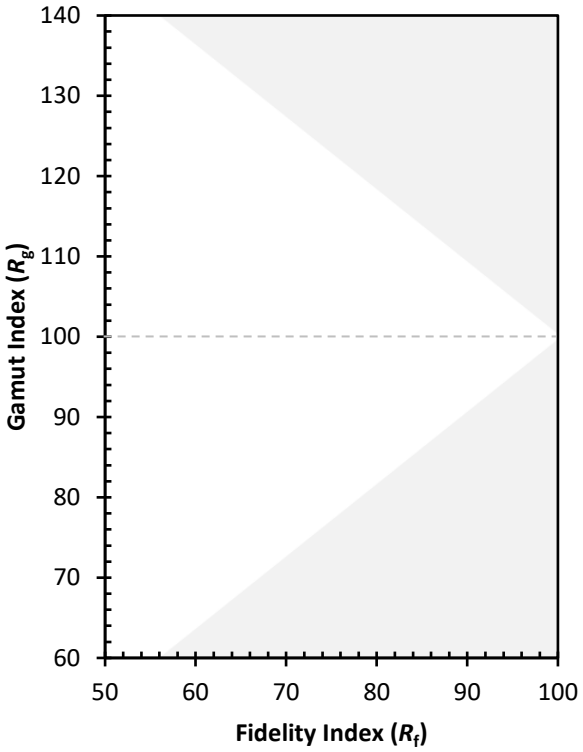


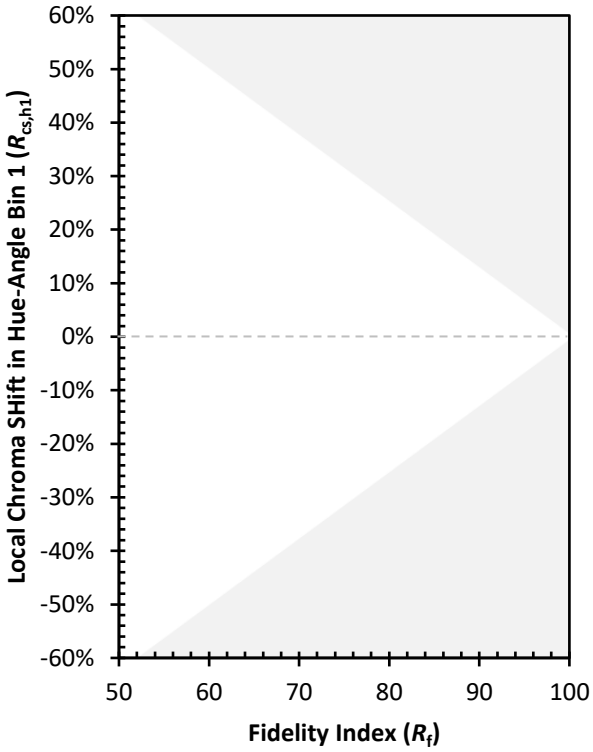


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Measure Comparisons





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