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-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:	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-T3R
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T3 ROADWAY DISTRIBUTION
Light Source:	(78) 1590K CCT, 0 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6376.4 lumens
Efficiency:	N/A
Efficacy:	63.1 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

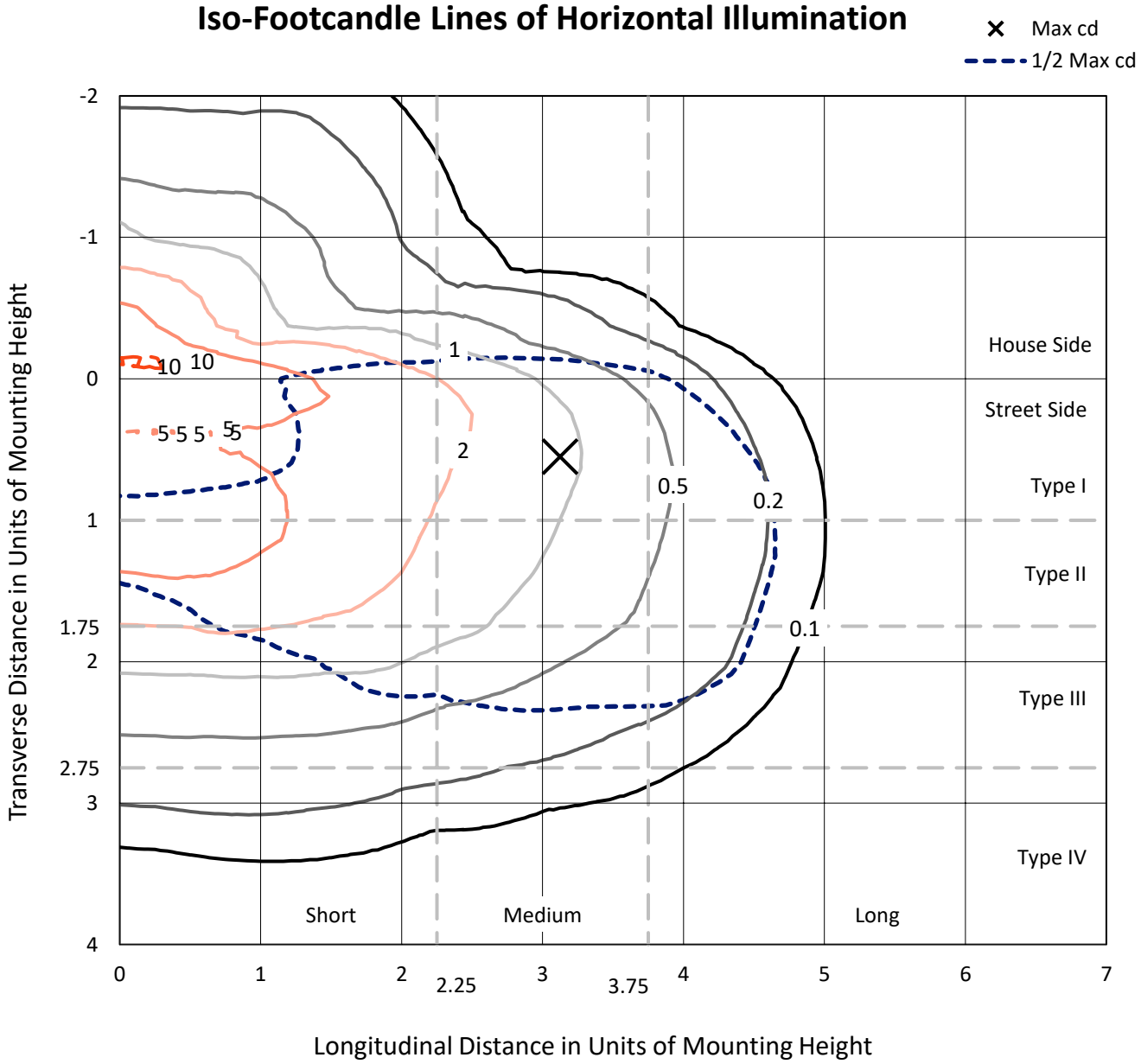


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Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



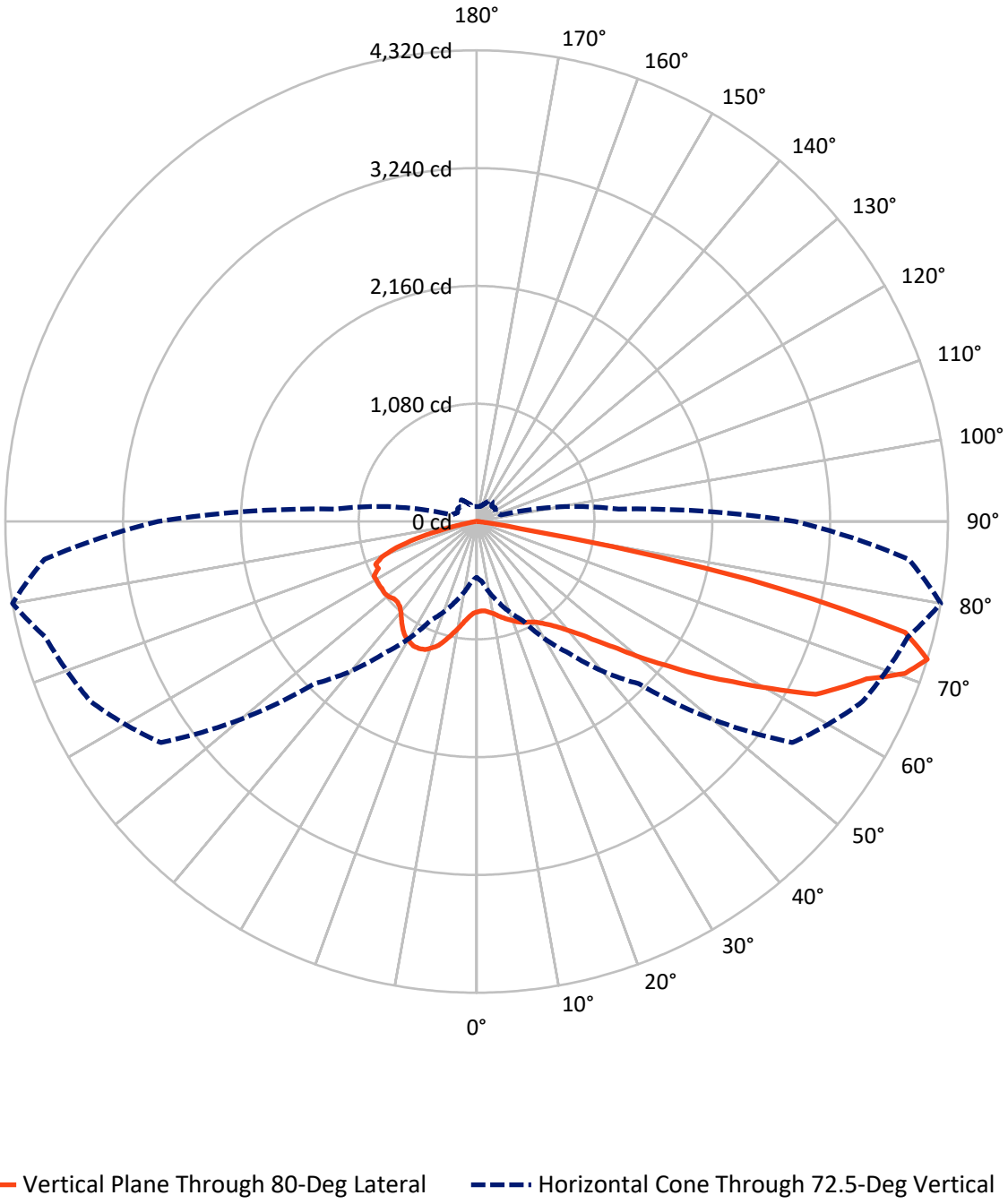
Based on 10 foot mounting height. Maximum calculated value = 10.7 fc
Type III - Medium - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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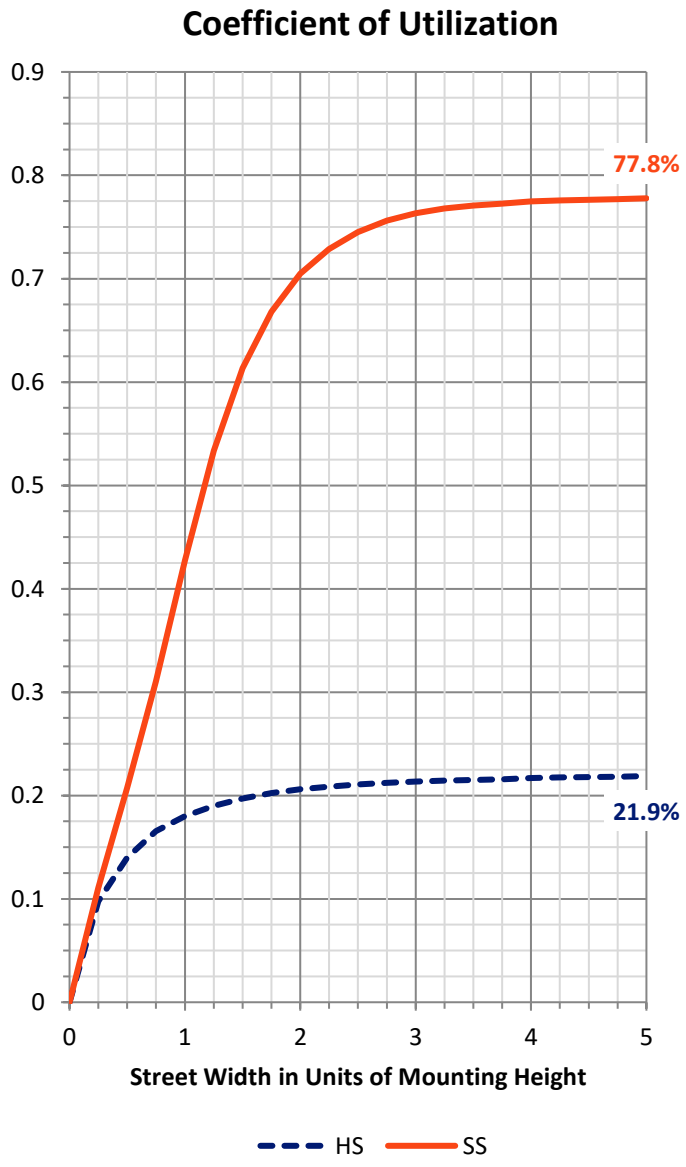
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1406.8	0.0	1406.8
	% Fixture	22.1	0.0	22.1
Street Side	Lumens	4969.6	0.0	4969.6
	% Fixture	77.9	0.0	77.9
Total	Lumens	6376.4	0.0	6376.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.2	1.3
10°-20°	242.9	3.8
20°-30°	380.8	6.0
30°-40°	588.1	9.2
40°-50°	971.6	15.2
50°-60°	1438.2	22.6
60°-70°	1566.2	24.6
70°-80°	1047.1	16.4
80°-90°	58.3	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°	6376.4	100.0
0°-180°	6376.4	100.0



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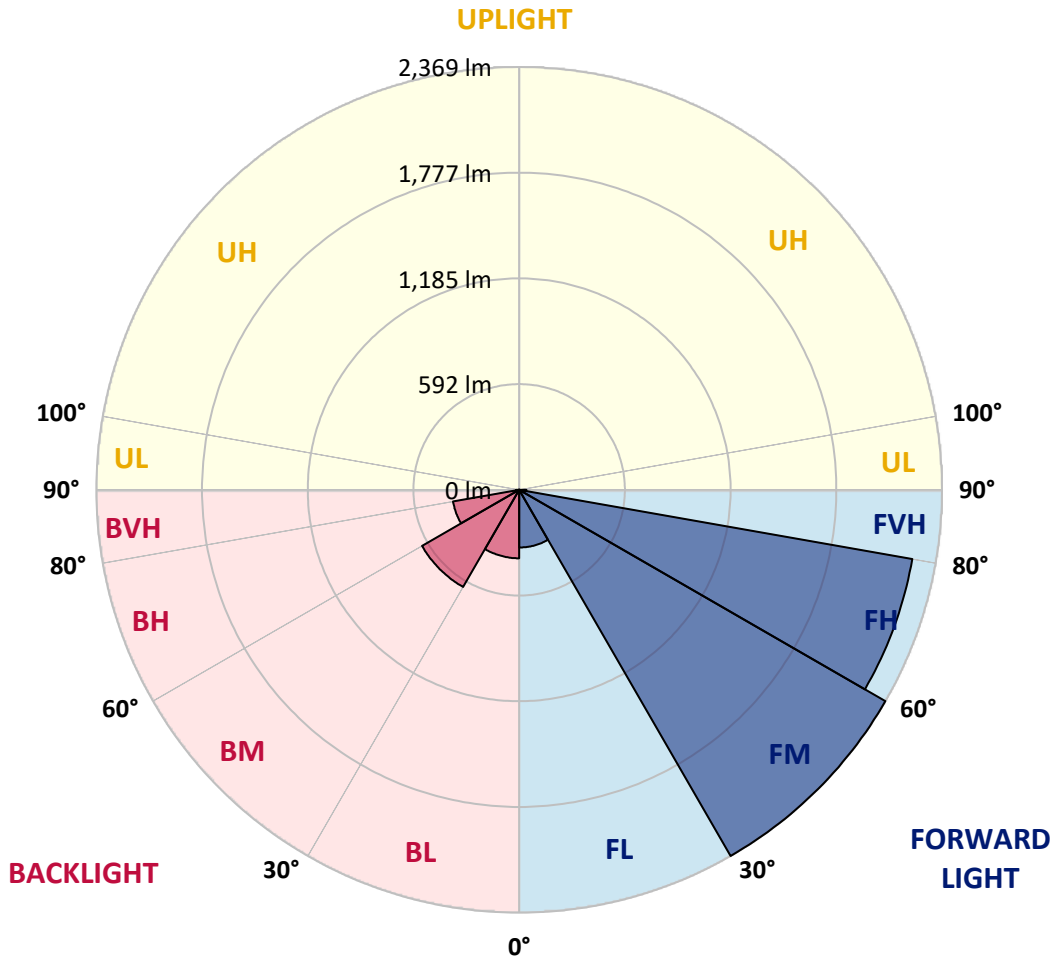
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	323.2	5.1			
FM	(30°-60°)	2369.4	37.2			
FH	(60°-80°)	2236.9	35.1			G2/5000
FVH	(80°-90°)	40.1	0.6			G1/100
BL	(0°-30°)	383.7	6.0	B1/500		
BM	(30°-60°)	628.6	9.9	B1/1000		
BH	(60°-80°)	376.4	5.9	B1/500		G1/500
BVH	(80°-90°)	18.1	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-G2
Type III Medium



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REPORT NUMBER: P1704730
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	828.7	828.7	828.7	828.7	828.7	828.7	828.7	828.7	828.7	*828.7*	828.7
2.5°	783.8	789.8	786.8	792.8	792.8	798.8	804.8	807.8	816.7	*819.7*	822.7
5°	736.0	730.0	730.0	741.9	750.9	762.9	777.8	795.8	816.7	*822.7*	831.7
7.5°	664.2	664.2	667.2	685.1	706.0	733.0	756.9	789.8	825.7	*840.7*	852.6
10°	622.3	622.3	622.3	637.2	658.2	697.1	741.9	786.8	837.7	*858.6*	882.6
12.5°	604.3	601.3	604.3	613.3	631.3	667.2	724.0	789.8	855.6	*888.5*	918.5
15°	598.3	598.3	601.3	604.3	619.3	652.2	712.0	795.8	879.6	*915.5*	954.4
17.5°	598.3	601.3	598.3	604.3	616.3	646.2	709.0	801.8	900.5	*945.4*	984.3
20°	604.3	607.3	604.3	607.3	619.3	649.2	709.0	810.8	924.4	*972.3*	1020.2
22.5°	634.2	634.2	628.3	625.3	634.2	655.2	712.0	819.7	948.4	*1002.2*	1050.1
25°	685.1	682.1	670.1	664.2	661.2	679.1	721.0	834.7	972.3	*1023.2*	1080.0
27.5°	801.8	807.8	777.8	736.0	715.0	712.0	747.9	849.6	999.2	*1044.1*	1106.9
30°	1047.1	1023.2	975.3	888.5	801.8	762.9	777.8	873.6	1026.2	*1071.0*	1142.8
32.5°	1298.4	1295.4	1202.7	1086.0	957.3	855.6	825.7	909.5	1068.0	*1112.9*	1181.7
35°	1627.5	1630.5	1489.9	1307.4	1136.9	966.3	891.5	954.4	1118.9	*1163.8*	1241.6
37.5°	1935.6	1920.7	1813.0	1603.6	1355.2	1106.9	978.3	1017.2	1178.7	*1232.6*	1328.3
40°	2213.9	2186.9	2127.1	1938.6	1618.5	1298.4	1089.0	1092.0	1253.5	*1319.3*	1442.0
42.5°	2372.4	2375.4	2375.4	2276.7	1944.6	1531.8	1232.6	1202.7	1355.2	*1424.1*	1585.6
45°	2504.1	2492.1	2554.9	2566.9	2303.6	1827.9	1424.1	1331.3	1489.9	*1570.7*	1771.1
47.5°	2644.7	2671.6	2716.5	2830.2	2671.6	2160.0	1663.4	1510.8	1663.4	*1738.2*	1986.5
50°	2821.2	2824.2	2905.0	3042.6	3006.7	2554.9	1950.6	1711.3	1863.8	*1965.6*	2219.9
52.5°	2722.5	2770.3	2955.8	3180.2	3252.0	2916.9	2261.7	1965.6	2100.2	*2201.9*	2489.1
55°	2130.1	2306.6	2878.0	3180.2	3359.7	3231.1	2605.8	2237.8	2348.5	*2483.1*	2755.4
57.5°	1762.1	1807.0	2276.7	3042.6	3234.0	3422.5	2940.9	2569.9	2641.7	*2773.3*	3072.5
60°	1624.5	1651.4	1878.8	2824.2	3015.6	3380.6	3234.0	2890.0	2955.8	*3108.4*	3407.6
62.5°	1337.3	1367.2	1585.6	2324.6	2809.2	3234.0	3455.4	3213.1	3293.9	*3488.3*	3715.7
65°	1181.7	1205.7	1340.3	1762.1	2575.9	3204.1	3560.1	3491.3	3521.2	*3667.8*	3712.7
67.5°	1050.1	1071.0	1220.6	1537.7	2118.1	3225.1	3611.0	3506.3	3617.0	*3853.3*	3904.2
70°	873.6	894.5	1017.2	1319.3	1839.9	2905.0	3464.4	3715.7	3955.0	*4167.5*	4056.8
72.5°	*511.6*	*550.5*	*762.9*	*1002.2*	*1471.9*	*2103.2*	*3533.2*	*3904.2*	*4092.7*	*4320.0*	*3976.0*
75°	152.6	161.6	356.0	565.4	750.9	1460.0	2560.9	3889.2	4014.9	*4056.8*	3509.3
77.5°	110.7	119.7	176.5	278.2	290.2	676.1	1573.6	2907.9	2773.3	*2557.9*	1881.8
80°	83.8	86.8	131.6	137.6	140.6	221.4	409.9	571.4	676.1	*415.8*	359.0
82.5°	53.9	59.8	98.7	83.8	71.8	74.8	101.7	155.6	155.6	*89.8*	77.8
85°	23.9	29.9	59.8	41.9	26.9	32.9	44.9	56.8	47.9	*32.9*	29.9
87.5°	3.0	3.0	3.0	6.0	6.0	9.0	12.0	15.0	18.0	*18.0*	18.0
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-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	828.7	828.7	828.7	828.7	828.7	828.7	828.7	828.7	828.7	828.7	828.7
2.5°	828.7	837.7	843.7	852.6	864.6	876.6	885.5	894.5	897.5	900.5	897.5
5°	843.7	858.6	894.5	921.4	951.4	972.3	984.3	999.2	1002.2	1005.2	1011.2
7.5°	870.6	894.5	954.4	990.3	1035.1	1056.1	1074.0	1074.0	1071.0	1071.0	1071.0
10°	909.5	948.4	1026.2	1074.0	1115.9	1112.9	1086.0	1059.1	1035.1	1026.2	1026.2
12.5°	951.4	1002.2	1098.0	1160.8	1151.8	1098.0	1029.2	975.3	942.4	930.4	924.4
15°	999.2	1068.0	1169.8	1208.7	1136.9	1023.2	939.4	888.5	855.6	840.7	840.7
17.5°	1047.1	1127.9	1244.6	1214.6	1065.1	930.4	840.7	783.8	762.9	750.9	750.9
20°	1089.0	1175.7	1283.4	1163.8	963.3	819.7	741.9	724.0	730.0	736.0	739.0
22.5°	1133.9	1229.6	1301.4	1077.0	849.6	709.0	688.1	706.0	727.0	736.0	736.0
25°	1175.7	1280.5	1277.5	969.3	709.0	640.2	661.2	691.1	715.0	739.0	739.0
27.5°	1220.6	1331.3	1226.6	822.7	598.3	595.4	625.3	670.1	715.0	747.9	750.9
30°	1268.5	1373.2	1142.8	673.1	529.5	550.5	589.4	646.2	694.1	730.0	739.0
32.5°	1340.3	1418.1	1056.1	538.5	481.7	502.6	550.5	598.3	649.2	670.1	673.1
35°	1418.1	1451.0	939.4	451.7	436.8	463.7	502.6	529.5	538.5	541.5	544.5
37.5°	1510.8	1486.9	795.8	409.9	403.9	430.8	448.8	430.8	424.8	412.9	412.9
40°	1633.5	1525.8	652.2	388.9	385.9	403.9	388.9	359.0	341.1	338.1	335.1
42.5°	1756.1	1564.7	535.5	377.0	379.9	391.9	350.0	323.1	299.2	290.2	293.2
45°	1896.7	1612.5	457.7	377.0	382.9	388.9	341.1	302.2	278.2	299.2	308.1
47.5°	2046.3	1648.4	424.8	377.0	388.9	382.9	344.0	287.2	278.2	323.1	338.1
50°	2195.9	1702.3	418.8	379.9	391.9	382.9	332.1	293.2	272.2	314.1	332.1
52.5°	2345.5	1720.2	418.8	379.9	397.9	388.9	326.1	287.2	260.3	275.2	281.2
55°	2516.0	1705.3	421.8	374.0	400.9	388.9	329.1	275.2	239.3	248.3	254.3
57.5°	2677.6	1708.3	421.8	359.0	394.9	374.0	335.1	266.3	233.4	236.3	236.3
60°	2875.0	1705.3	421.8	338.1	382.9	353.0	338.1	260.3	227.4	227.4	230.4
62.5°	3060.5	1717.2	412.9	320.1	362.0	341.1	335.1	251.3	215.4	200.4	197.5
65°	2961.8	1606.6	388.9	290.2	335.1	326.1	323.1	239.3	200.4	185.5	185.5
67.5°	3075.5	1639.5	374.0	263.3	284.2	302.2	299.2	224.4	182.5	170.5	170.5
70°	3099.4	1531.8	314.1	233.4	251.3	263.3	263.3	200.4	161.6	152.6	152.6
72.5°	*2919.9*	*1307.4*	*233.4*	*191.5*	*209.4*	*197.5*	*242.3*	*182.5*	*143.6*	*137.6*	*137.6*
75°	2414.3	909.5	164.5	152.6	152.6	170.5	203.4	167.5	128.6	128.6	122.7
77.5°	1184.7	382.9	113.7	113.7	113.7	134.6	167.5	149.6	125.7	125.7	104.7
80°	314.1	146.6	68.8	62.8	68.8	89.8	119.7	110.7	98.7	89.8	62.8
82.5°	92.7	56.8	44.9	38.9	38.9	44.9	83.8	74.8	50.9	38.9	38.9
85°	32.9	29.9	23.9	20.9	18.0	15.0	23.9	38.9	23.9	20.9	20.9
87.5°	15.0	15.0	12.0	9.0	6.0	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

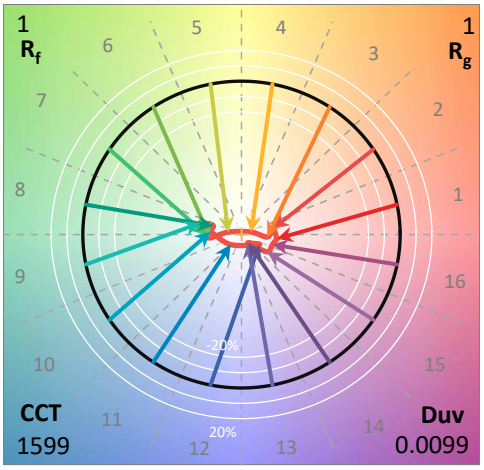
Test Information

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

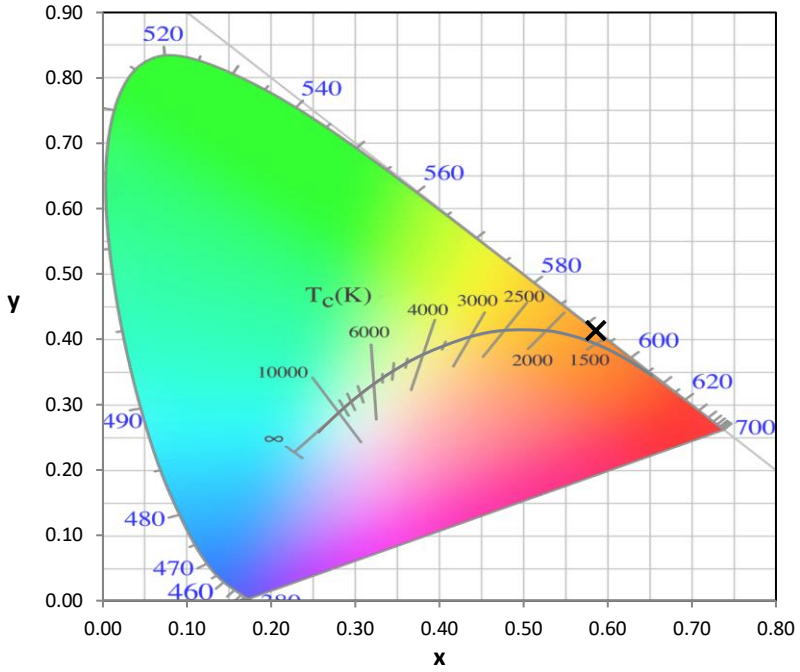
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

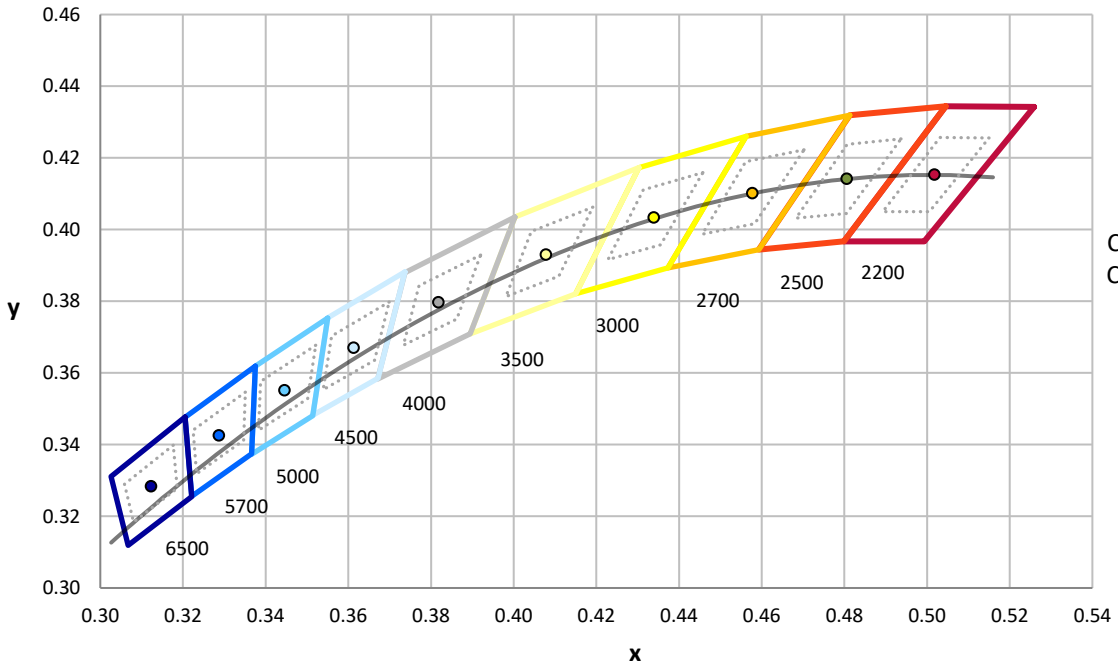
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

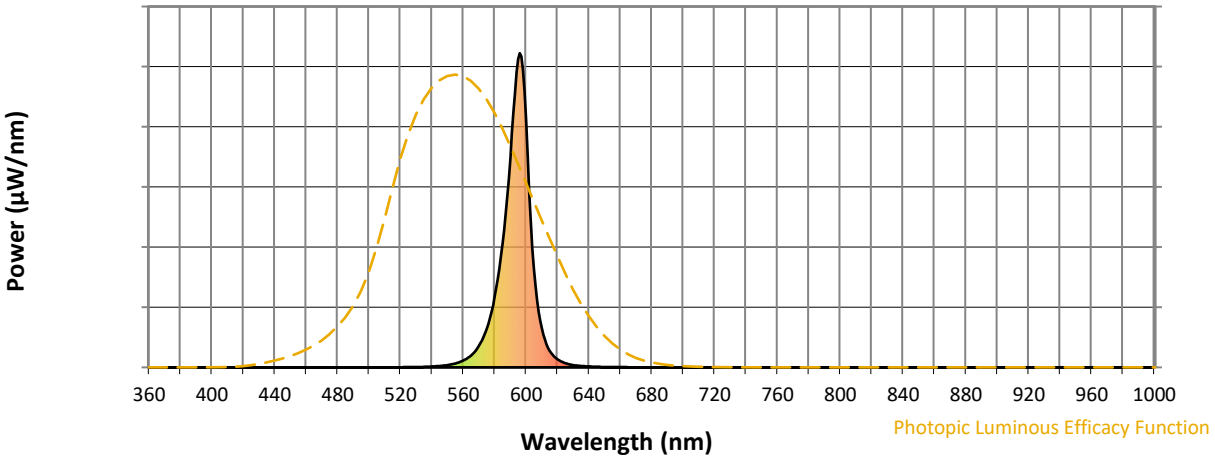


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

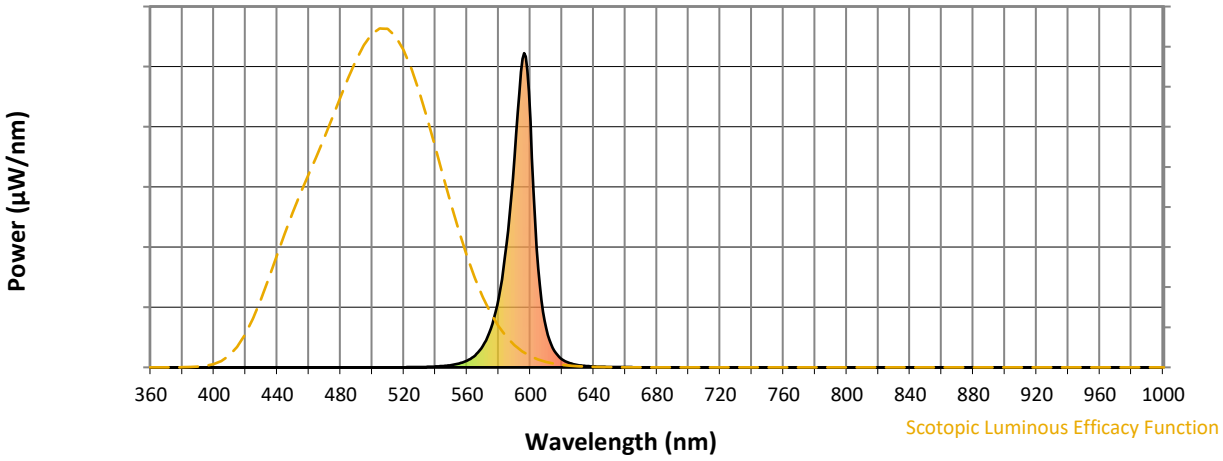


Photopic Lumens: NR

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

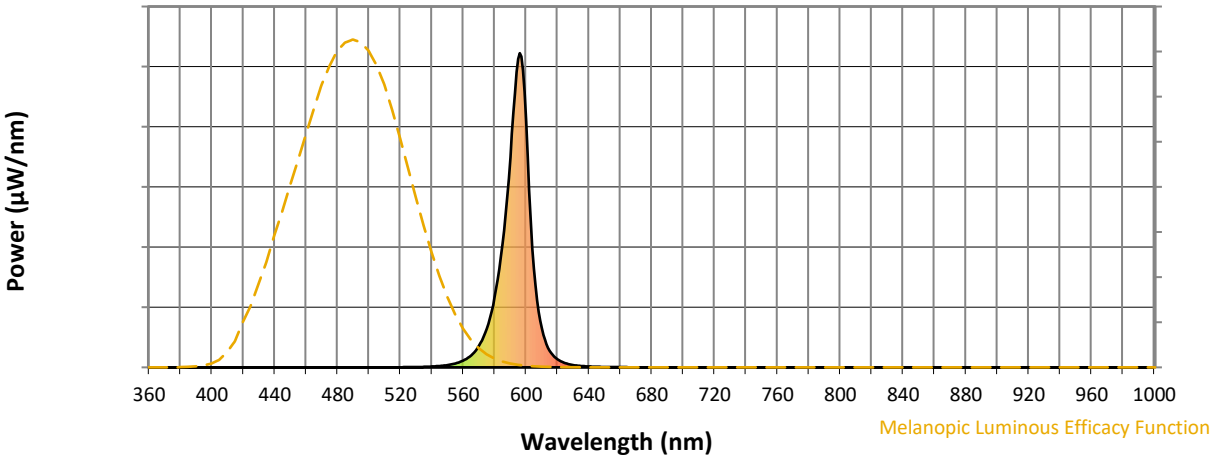


Scotopic Lumens: NR **S/P: 0.23**

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			

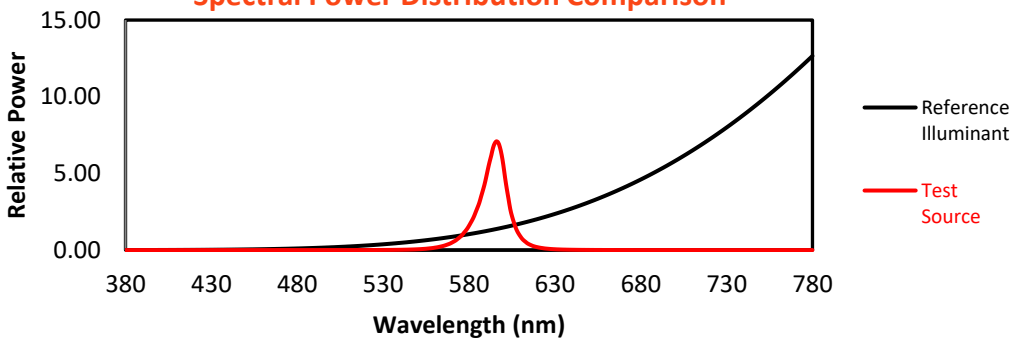
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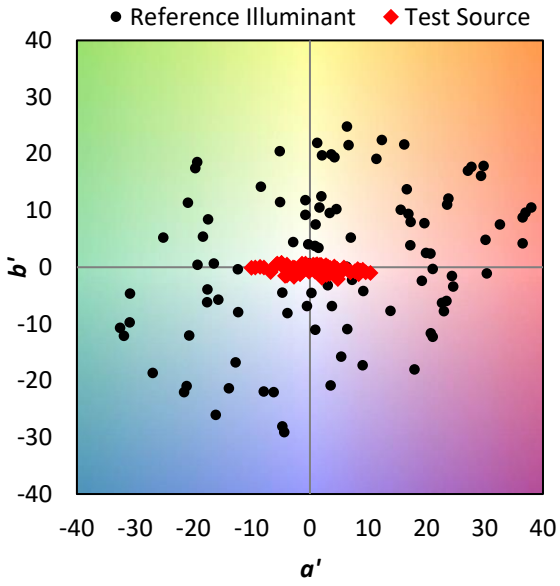
Summary

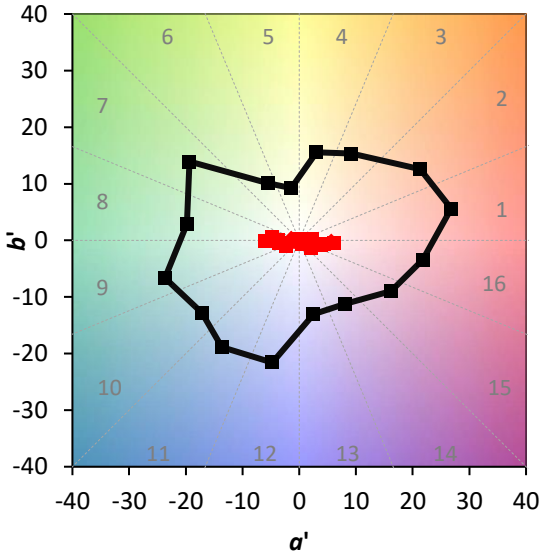
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R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

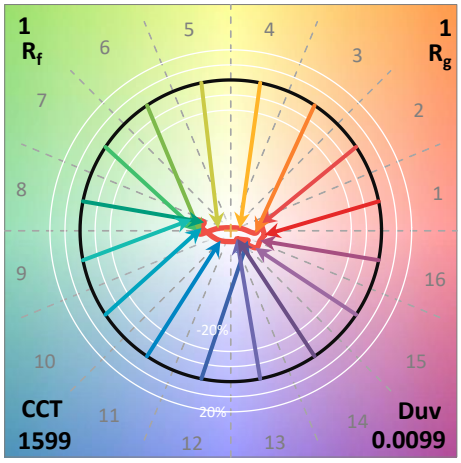
Spectral Power Distribution Comparison

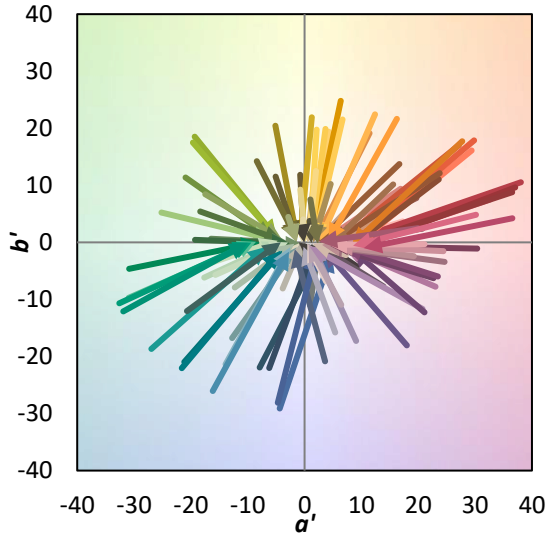


Color Vector Graphics







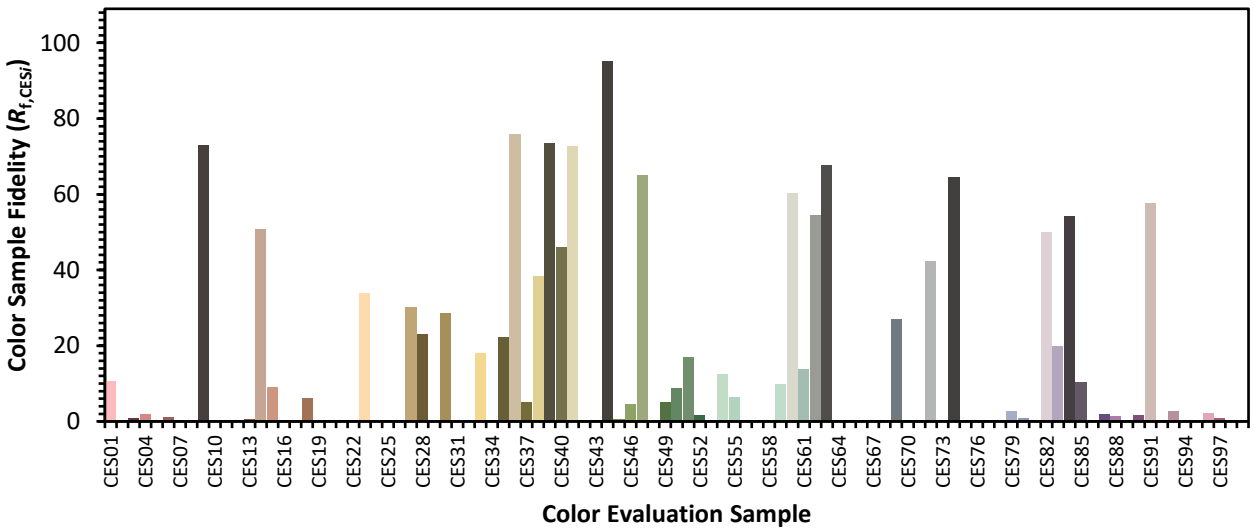


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Individual Sample Fidelity Index ($R_{f,i}$)

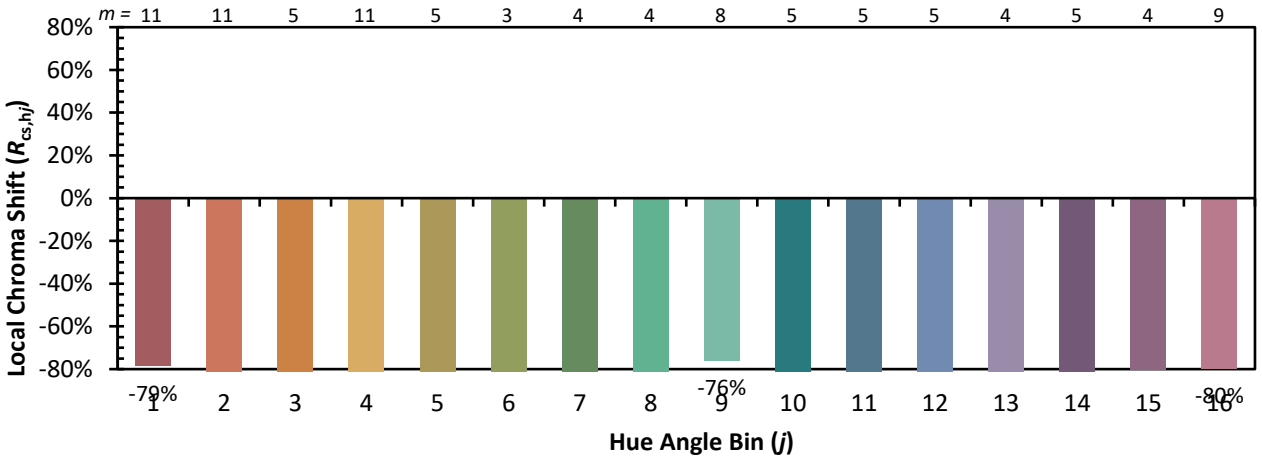
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

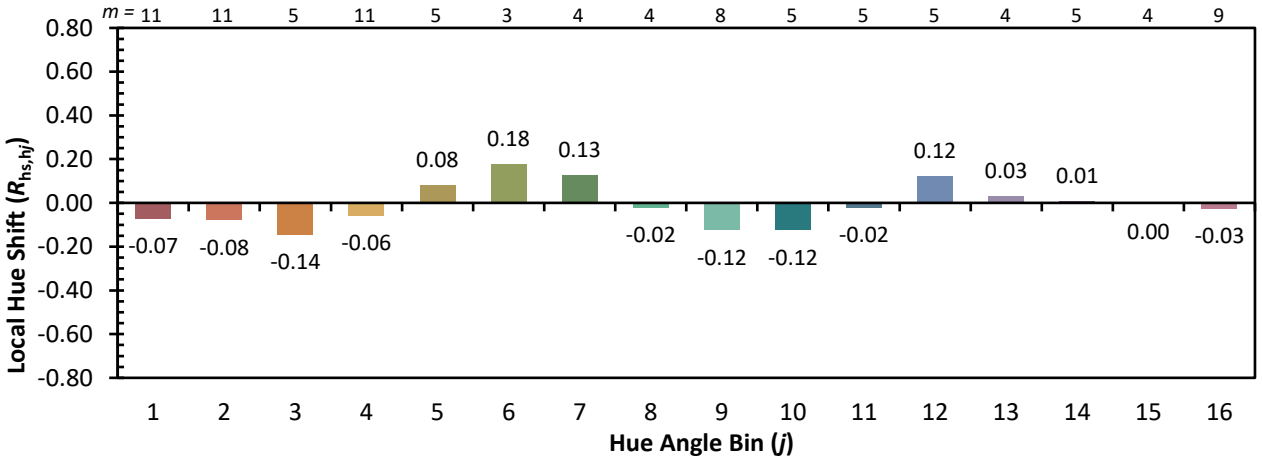


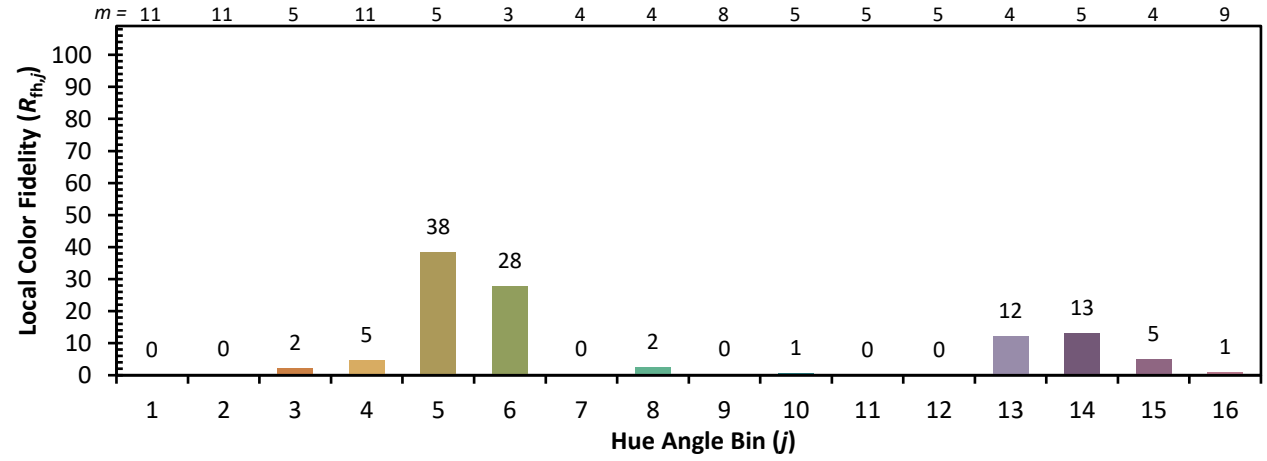
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Color Rendition by Hue-Angle Bin



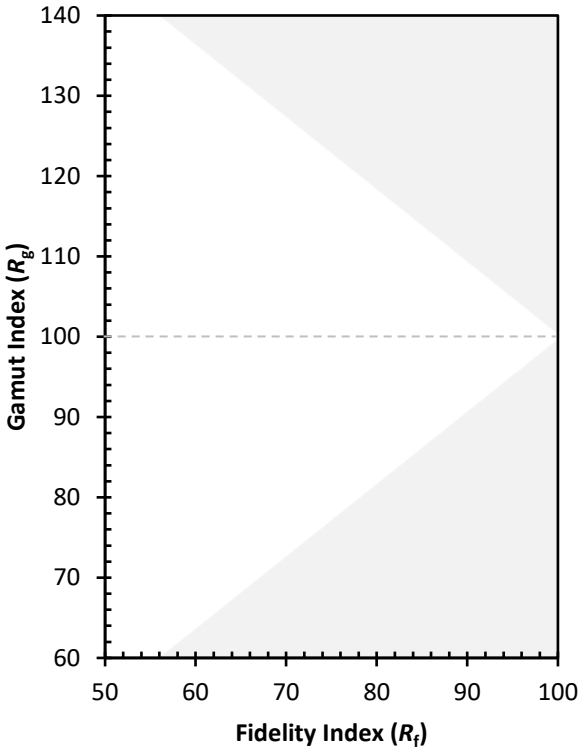


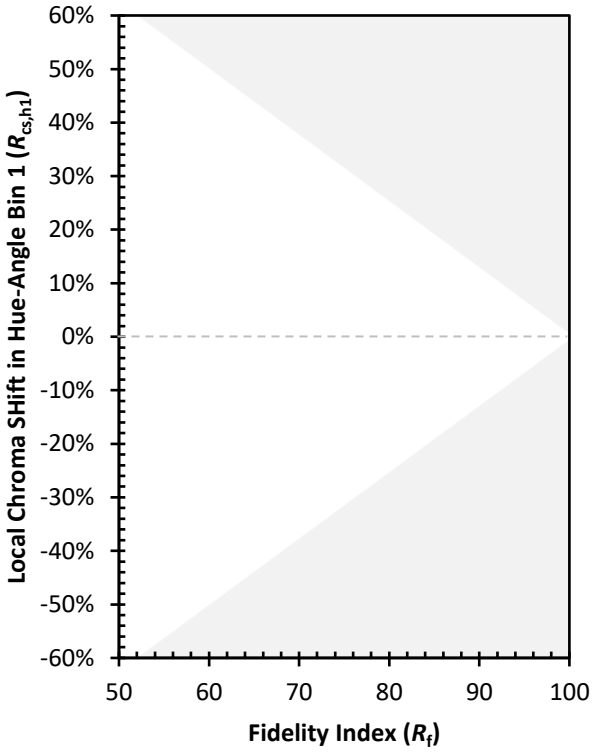


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Measure Comparisons





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