Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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-T2U-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-T2U-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T2 URBAN 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:	5023.1 lumens
Efficiency:	N/A
Efficacy:	49.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
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

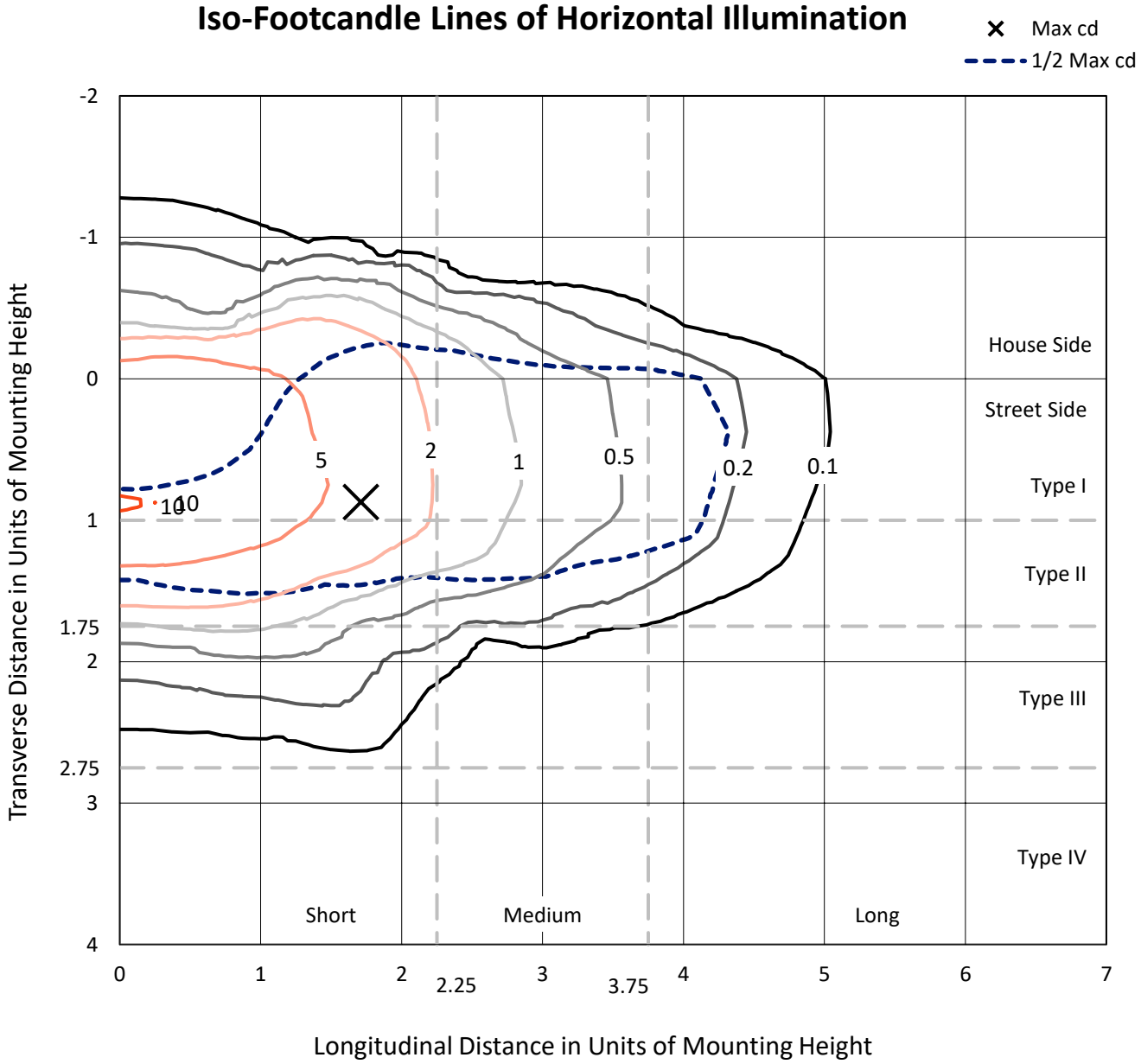


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2U-HSS

Iso-Footcandle Lines of Horizontal Illumination



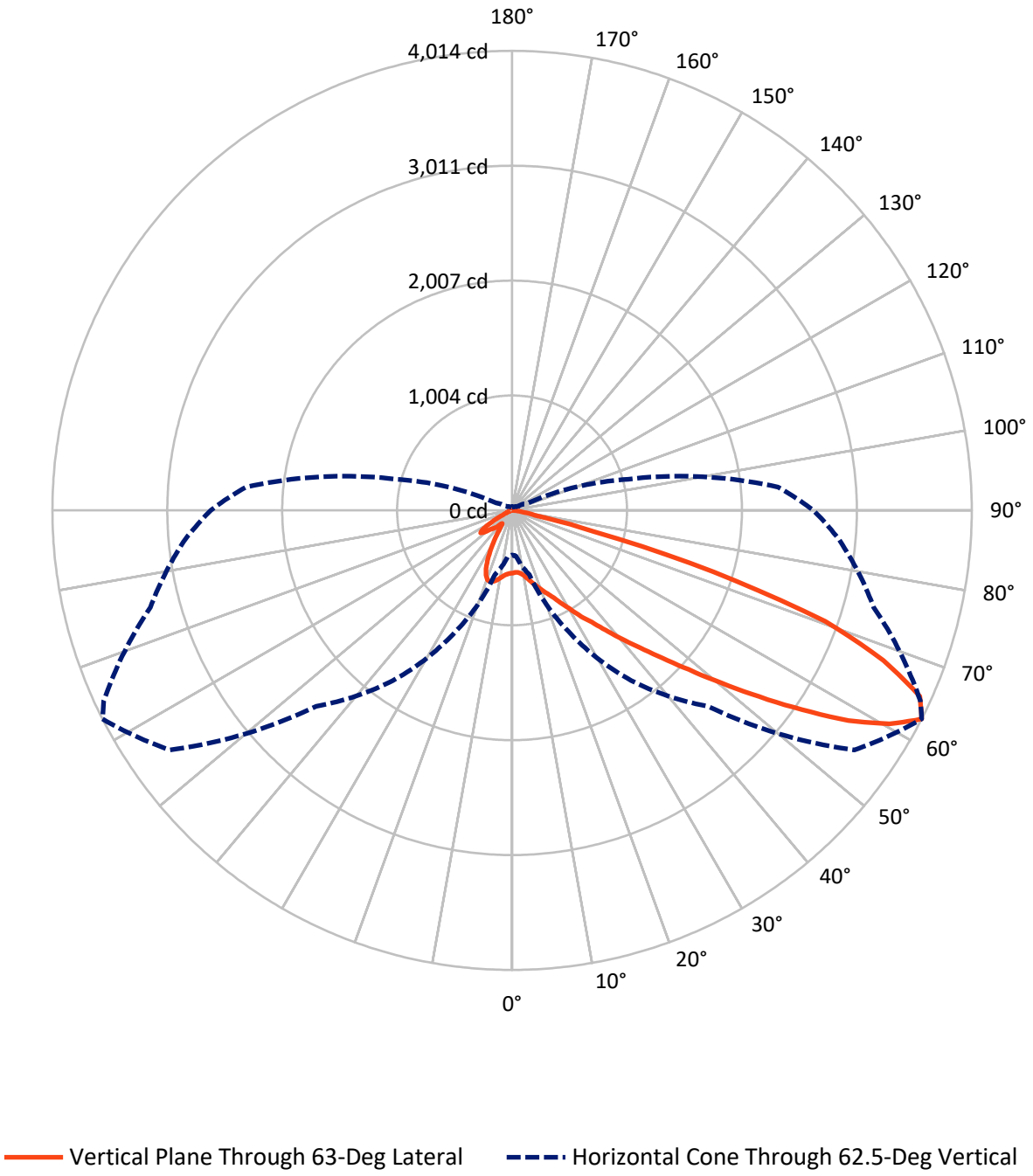
Based on 10 foot mounting height. Maximum calculated value = 10.3 fc
Type II - Short - N/A

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REPORT NUMBER: P1704730
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Luminous Intensity Polar Plot



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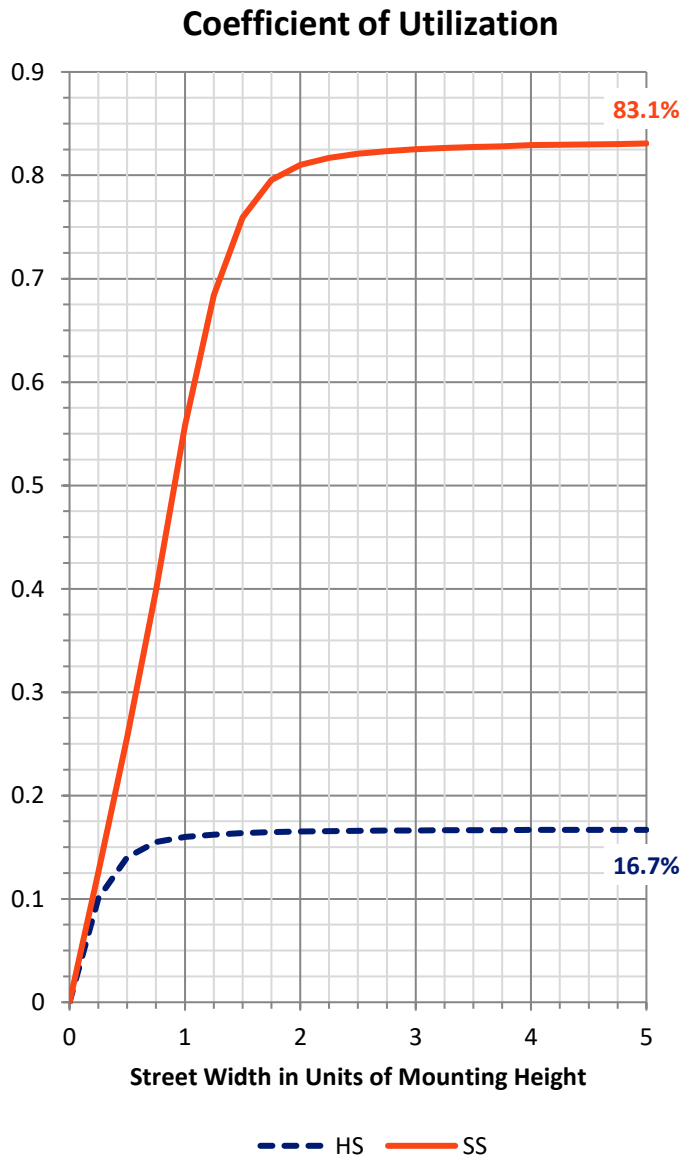
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T2U-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	845.2	0.0	845.2
	% Fixture	16.8	0.0	16.8
Street Side	Lumens	4177.8	0.0	4177.8
	% Fixture	83.2	0.0	83.2
Total	Lumens	5023.1	0.0	5023.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.9	1.1
10°-20°	160.8	3.2
20°-30°	280.4	5.6
30°-40°	506.9	10.1
40°-50°	992.5	19.8
50°-60°	1400.2	27.9
60°-70°	1112.0	22.1
70°-80°	482.0	9.6
80°-90°	35.5	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°	5023.1	100.0
0°-180°	5023.1	100.0



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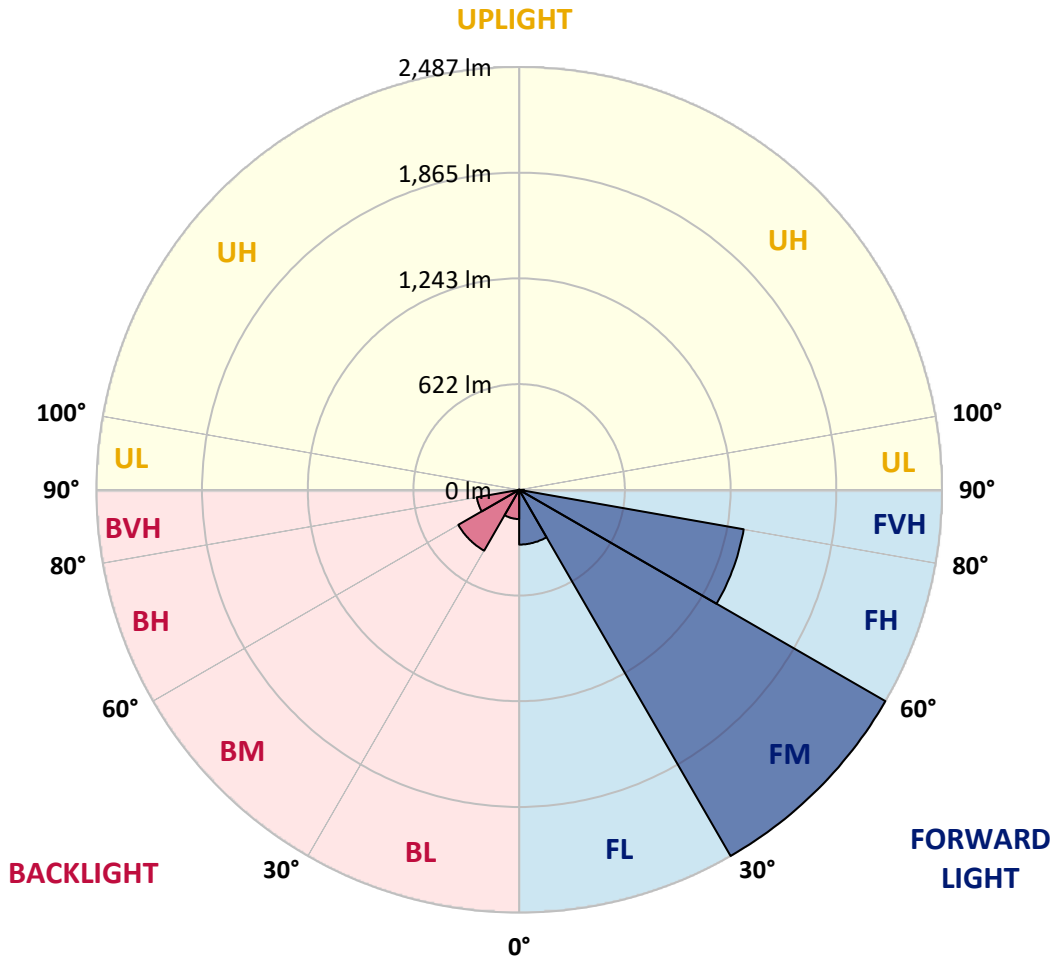
Scaled Data Report

REPORT NUMBER: P1704730
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	322.1	6.4			
FM	(30°-60°)	2486.6	49.5			
FH	(60°-80°)	1340.6	26.7			G1/1800
FVH	(80°-90°)	28.5	0.6			G1/100
BL	(0°-30°)	172.0	3.4	B1/500		
BM	(30°-60°)	413.0	8.2	B1/1000		
BH	(60°-80°)	253.4	5.0	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 Short



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REPORT NUMBER: P1704730
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	547.8	547.8	547.8	547.8	547.8	547.8	547.8	*547.8*	547.8	547.8	547.8
2.5°	544.8	541.8	541.8	538.8	541.8	541.8	541.8	*541.8*	544.8	547.8	550.8
5°	538.8	535.8	532.8	535.8	538.8	538.8	544.8	*544.8*	547.8	556.8	559.8
7.5°	550.8	547.8	544.8	547.8	547.8	550.8	553.8	*556.8*	559.8	571.7	577.7
10°	583.7	577.7	571.7	574.7	574.7	571.7	574.7	*580.7*	580.7	598.7	607.7
12.5°	616.6	613.6	610.6	607.7	601.7	604.7	607.7	*613.6*	616.6	634.6	646.6
15°	661.5	661.5	652.6	649.6	646.6	640.6	646.6	*655.5*	655.5	676.5	685.5
17.5°	706.4	706.4	697.5	691.5	688.5	682.5	685.5	*694.5*	700.4	721.4	733.4
20°	751.3	748.3	742.4	742.4	736.4	733.4	733.4	*742.4*	745.3	769.3	778.3
22.5°	805.2	799.2	790.2	790.2	784.3	781.3	784.3	*790.2*	796.2	826.2	829.2
25°	853.1	847.1	847.1	841.1	838.1	844.1	850.1	*847.1*	859.1	880.0	883.0
27.5°	916.0	907.0	901.0	904.0	901.0	916.0	919.0	*919.0*	927.9	951.9	945.9
30°	1005.8	999.8	981.8	981.8	981.8	987.8	999.8	*999.8*	1008.8	1032.7	1014.7
32.5°	1209.3	1215.3	1137.5	1086.6	1065.6	1065.6	1089.6	*1104.6*	1104.6	1116.5	1095.6
35°	1589.5	1556.5	1463.8	1311.1	1200.3	1176.4	1194.4	*1200.3*	1203.3	1224.3	1179.4
37.5°	1942.7	1924.7	1837.9	1667.3	1433.8	1314.1	1317.1	*1326.1*	1329.1	1341.0	1287.1
40°	2298.9	2266.0	2212.1	2062.4	1784.0	1520.6	1481.7	*1475.7*	1475.7	1478.7	1409.9
42.5°	2559.3	2553.3	2505.4	2418.6	2182.2	1843.9	1670.3	*1637.4*	1631.4	1622.4	1541.6
45°	2727.0	2727.0	2721.0	2712.0	2580.3	2263.0	1924.7	*1837.9*	1826.0	1787.0	1691.2
47.5°	2747.9	2747.9	2810.8	2903.6	2903.6	2718.0	2286.9	*2077.4*	2050.5	1975.6	1843.9
50°	2559.3	2556.3	2712.0	2963.4	3134.1	3125.1	2718.0	*2367.7*	2313.9	2170.2	2020.5
52.5°	2319.9	2325.8	2493.5	2801.8	3208.9	3406.4	3128.1	*2703.0*	2616.2	2388.7	2212.1
55°	1993.6	2014.5	2260.0	2529.4	3017.3	3601.0	3490.3	*3071.2*	2957.4	2610.2	2391.7
57.5°	1556.5	1577.5	1894.8	2239.0	2682.1	3460.3	3696.8	*3463.3*	3322.6	2849.7	2595.2
60°	736.4	781.3	1233.3	1817.0	2313.9	3029.3	3765.6	*3786.6*	3687.8	3089.1	2771.9
62.5°	*389.1*	*401.1*	*580.7*	*1167.4*	*1814.0*	*2418.6*	*3648.9*	*4014.1*	*3933.3*	*3268.8*	*2861.7*
65°	251.4	257.4	350.2	688.5	1137.5	1724.2	3161.0	*3912.3*	3867.4	3164.0	2706.0
67.5°	194.6	197.6	242.5	416.1	775.3	841.1	2083.4	*3496.2*	3598.0	3071.2	2667.1
70°	170.6	170.6	185.6	266.4	556.8	458.0	1110.5	*2900.6*	3223.9	3041.3	2562.3
72.5°	119.7	125.7	152.7	185.6	386.1	320.3	314.3	*1837.9*	2334.8	3011.3	2457.6
75°	74.8	77.8	95.8	158.6	218.5	215.5	185.6	*736.4*	1251.2	2756.9	2436.6
77.5°	47.9	50.9	62.9	107.8	137.7	137.7	140.7	*203.5*	347.2	1670.3	1885.8
80°	29.9	32.9	44.9	71.8	92.8	80.8	89.8	*110.8*	122.7	580.7	916.0
82.5°	9.0	9.0	26.9	35.9	56.9	47.9	41.9	*59.9*	68.8	170.6	170.6
85°	6.0	6.0	15.0	18.0	23.9	21.0	15.0	*26.9*	32.9	50.9	35.9
87.5°	0.0	0.0	0.0	3.0	3.0	3.0	6.0	*9.0*	9.0	9.0	9.0
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-T2U-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	547.8	547.8	547.8	547.8	547.8	547.8	547.8	547.8	547.8	547.8	547.8
2.5°	550.8	550.8	553.8	550.8	550.8	550.8	547.8	547.8	544.8	547.8	550.8
5°	559.8	562.8	565.7	559.8	556.8	553.8	547.8	544.8	535.8	541.8	538.8
7.5°	580.7	583.7	583.7	574.7	565.7	550.8	541.8	529.8	517.9	514.9	511.9
10°	616.6	616.6	613.6	598.7	580.7	550.8	526.8	505.9	490.9	478.9	478.9
12.5°	652.6	655.5	646.6	628.6	592.7	550.8	496.9	437.0	380.2	356.2	347.2
15°	694.5	694.5	679.5	649.6	598.7	523.8	392.1	284.4	227.5	206.5	203.5
17.5°	736.4	730.4	709.4	667.5	586.7	407.1	251.4	179.6	155.7	149.7	149.7
20°	778.3	766.3	736.4	676.5	514.9	275.4	164.6	146.7	137.7	134.7	131.7
22.5°	820.2	802.2	760.3	667.5	380.2	179.6	140.7	131.7	122.7	119.7	119.7
25°	868.1	838.1	781.3	616.6	260.4	143.7	125.7	116.7	110.8	107.8	107.8
27.5°	919.0	874.1	790.2	520.8	176.6	125.7	113.7	104.8	98.8	95.8	95.8
30°	972.8	913.0	799.2	401.1	131.7	110.8	98.8	92.8	89.8	86.8	86.8
32.5°	1035.7	960.9	805.2	284.4	116.7	98.8	89.8	83.8	80.8	77.8	80.8
35°	1110.5	1023.7	799.2	194.6	101.8	89.8	83.8	77.8	74.8	71.8	71.8
37.5°	1209.3	1101.6	784.3	155.7	92.8	83.8	77.8	71.8	65.9	65.9	62.9
40°	1314.1	1188.4	772.3	173.6	89.8	83.8	77.8	68.8	62.9	59.9	56.9
42.5°	1436.8	1290.1	772.3	212.5	89.8	80.8	71.8	62.9	56.9	53.9	53.9
45°	1571.5	1403.9	811.2	245.5	95.8	77.8	68.8	59.9	53.9	50.9	50.9
47.5°	1706.2	1529.6	904.0	269.4	92.8	74.8	62.9	53.9	47.9	47.9	47.9
50°	1867.9	1673.3	1020.7	305.3	89.8	68.8	56.9	50.9	44.9	44.9	44.9
52.5°	2029.5	1814.0	1158.4	368.2	89.8	62.9	53.9	47.9	44.9	41.9	41.9
55°	2200.1	1972.6	1254.2	401.1	83.8	59.9	50.9	44.9	41.9	38.9	38.9
57.5°	2379.7	2125.3	1311.1	365.2	74.8	56.9	47.9	41.9	38.9	38.9	35.9
60°	2547.4	2272.0	1251.2	263.4	68.8	50.9	44.9	38.9	35.9	32.9	32.9
62.5°	*2631.2*	*2331.8*	*1050.7*	*152.7*	*62.9*	*44.9*	*38.9*	*35.9*	*32.9*	*29.9*	*26.9*
65°	2496.5	2146.2	670.5	86.8	53.9	38.9	32.9	32.9	26.9	21.0	21.0
67.5°	2496.5	1990.6	305.3	53.9	44.9	32.9	29.9	26.9	21.0	18.0	18.0
70°	2415.6	1625.4	122.7	41.9	35.9	26.9	23.9	23.9	18.0	15.0	15.0
72.5°	2346.8	1155.4	50.9	32.9	26.9	18.0	18.0	18.0	15.0	12.0	9.0
75°	2319.9	844.1	32.9	23.9	18.0	15.0	15.0	15.0	12.0	6.0	6.0
77.5°	1721.2	592.7	23.9	18.0	12.0	9.0	9.0	9.0	6.0	3.0	3.0
80°	913.0	299.3	18.0	12.0	9.0	6.0	6.0	3.0	0.0	0.0	0.0
82.5°	152.7	101.8	12.0	9.0	6.0	3.0	3.0	0.0	0.0	0.0	0.0
85°	21.0	15.0	9.0	6.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.0	9.0	6.0	3.0	3.0	0.0	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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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

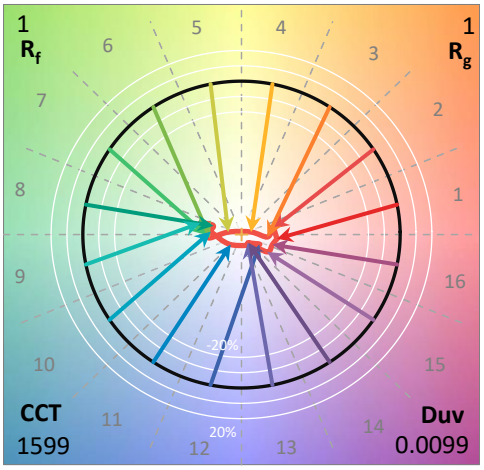
Test Information

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

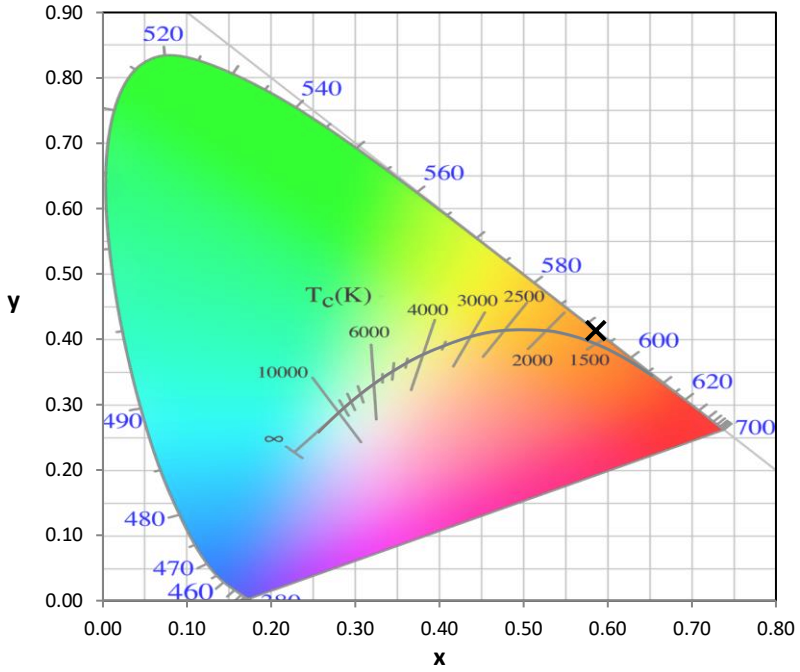
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

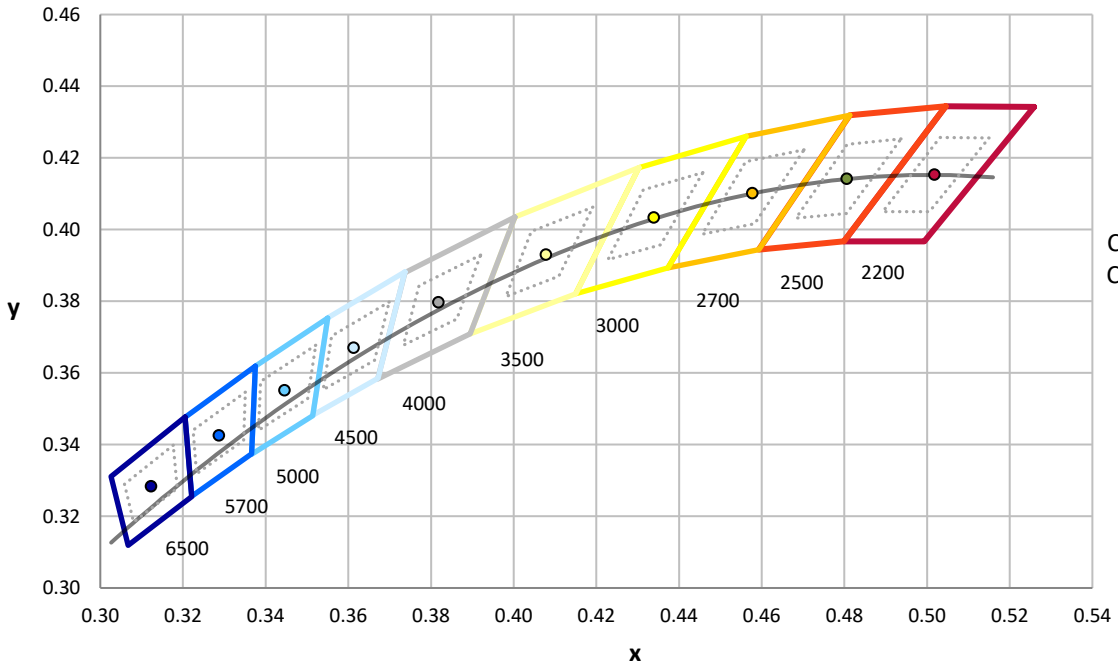
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

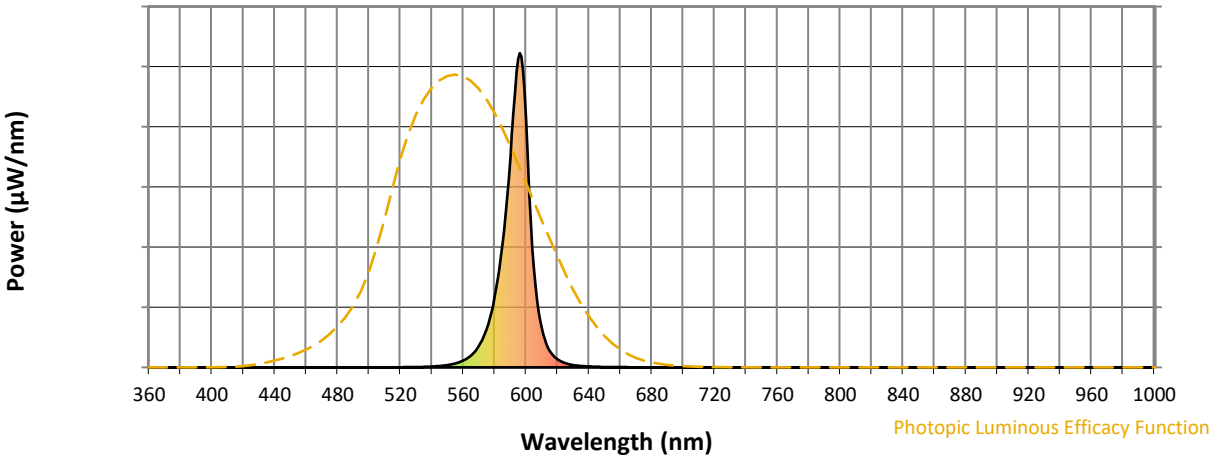


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

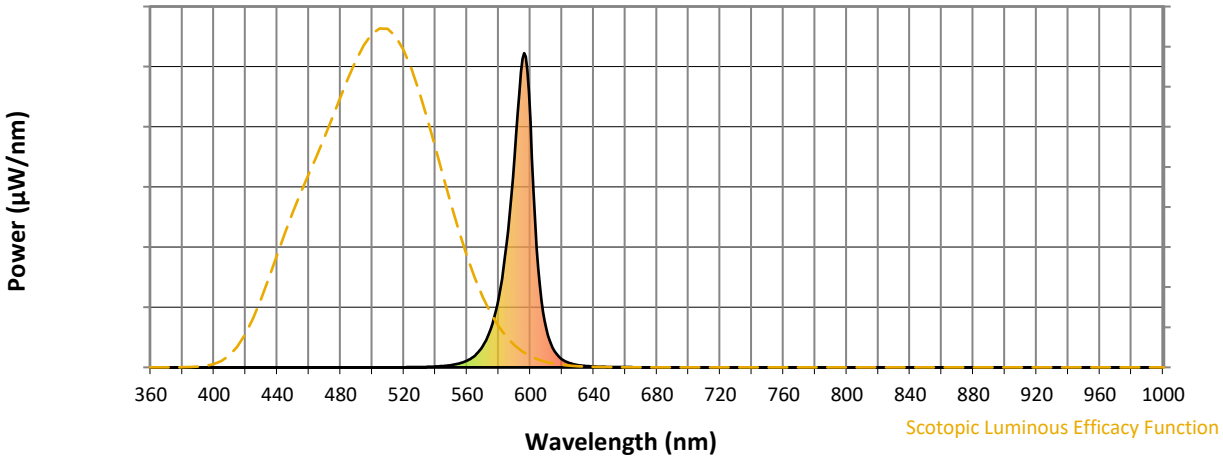


Photopic Lumens: NR

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

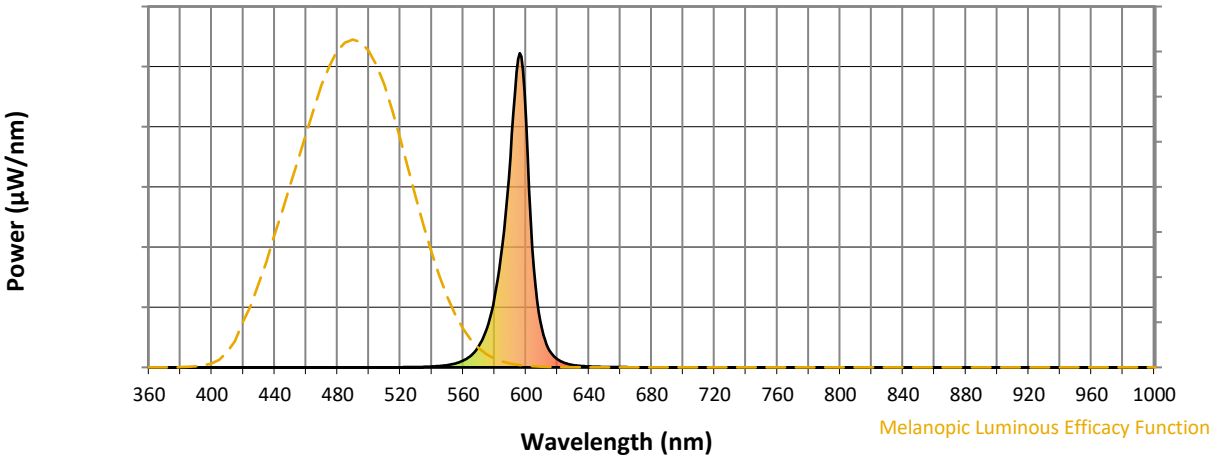


Scotopic Lumens: NR **S/P: 0.23**

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			

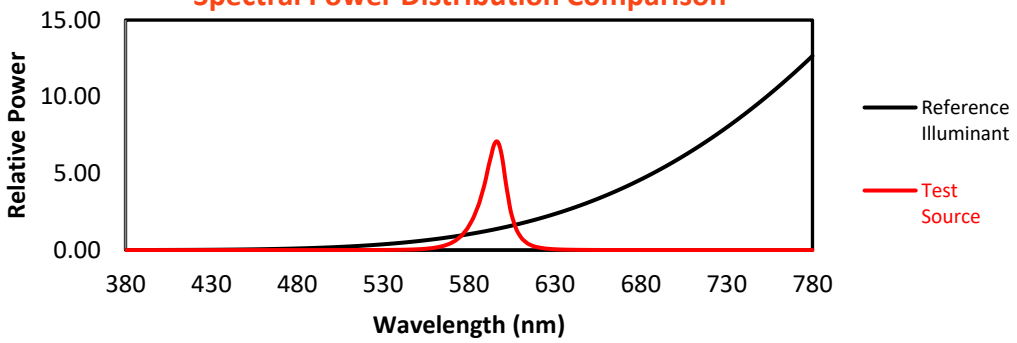
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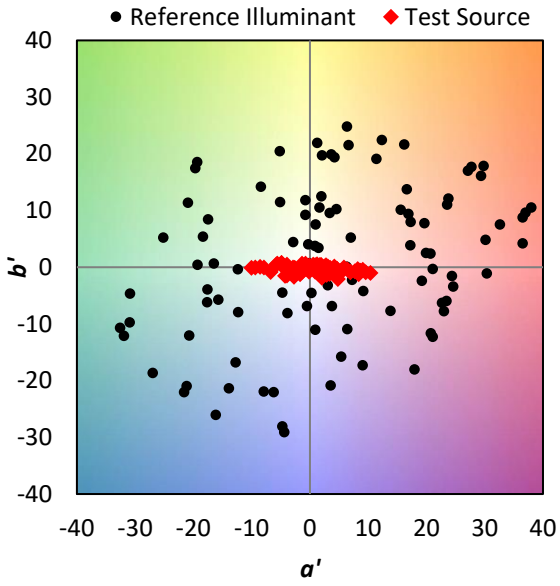
Summary

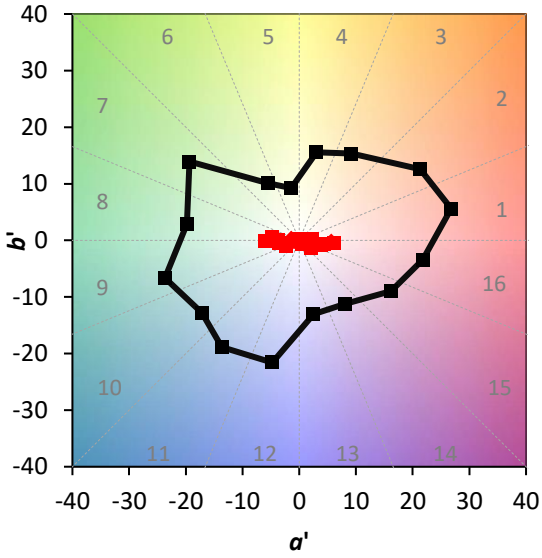
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

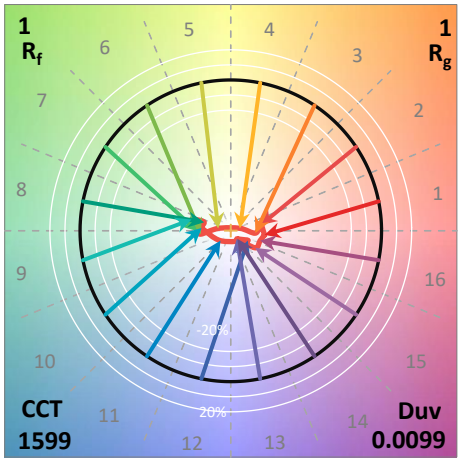
Spectral Power Distribution Comparison

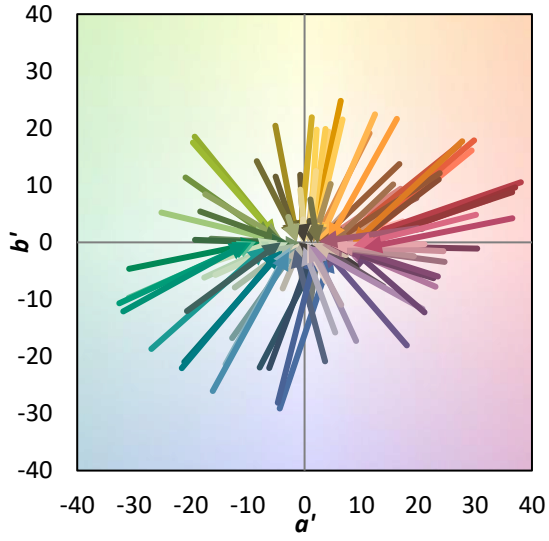


Color Vector Graphics







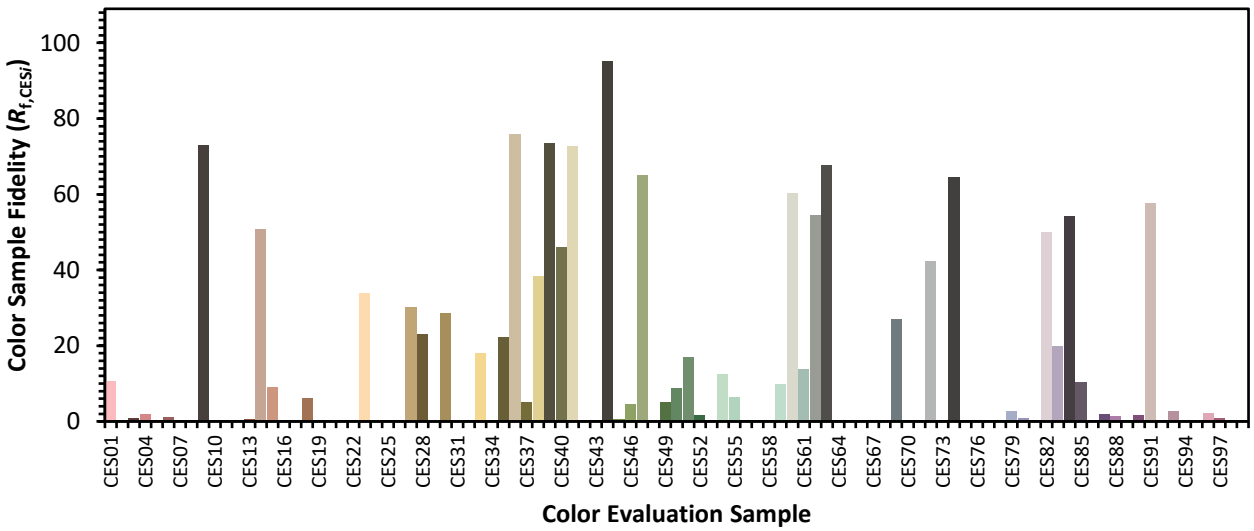


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Individual Sample Fidelity Index ($R_{f,i}$)

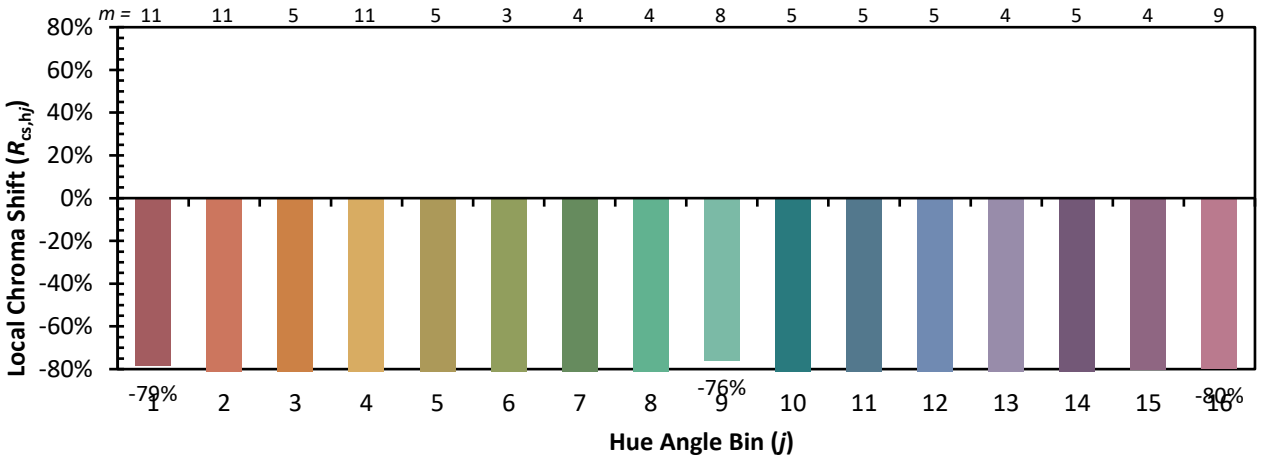
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

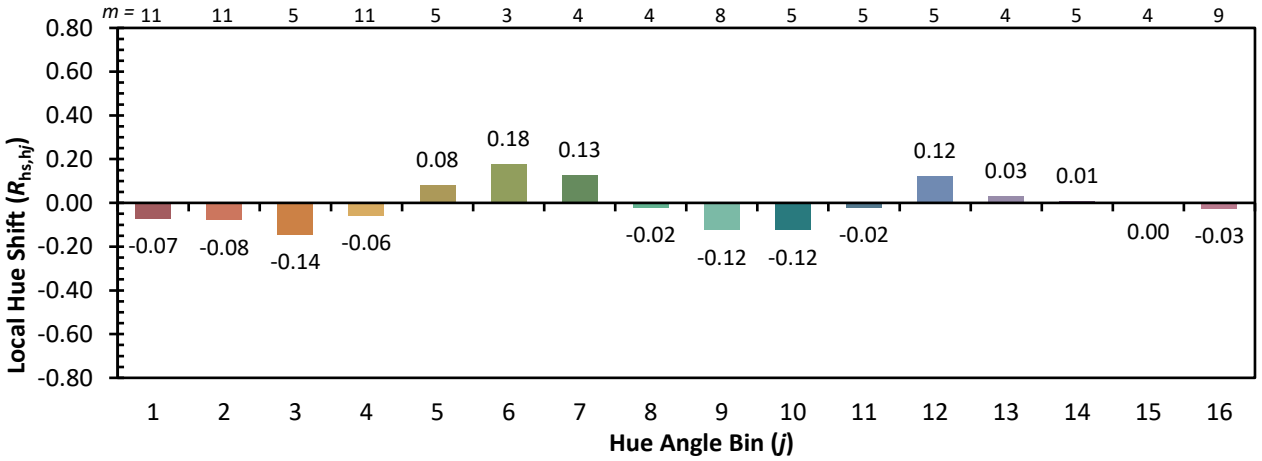


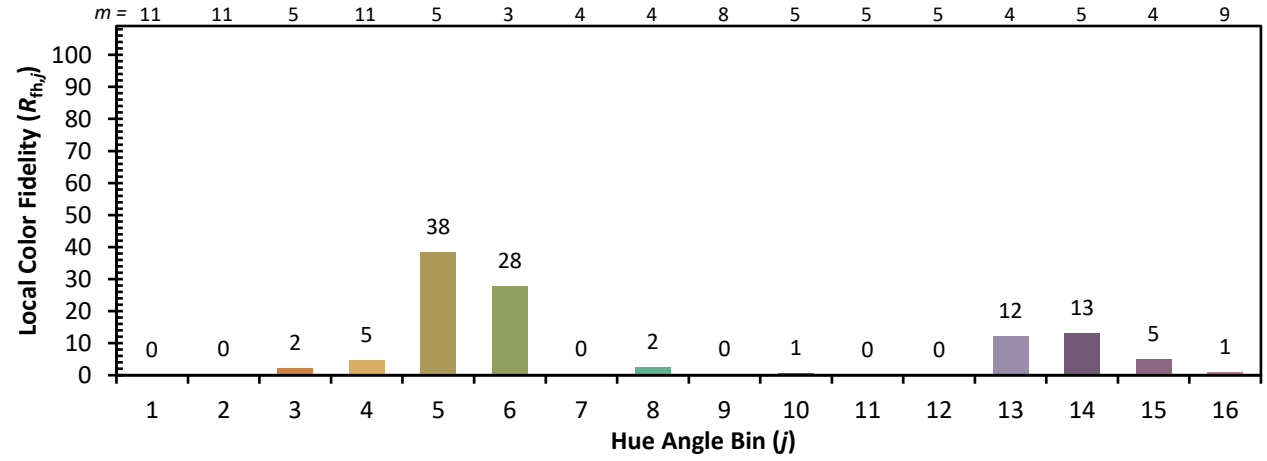
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Color Rendition by Hue-Angle Bin



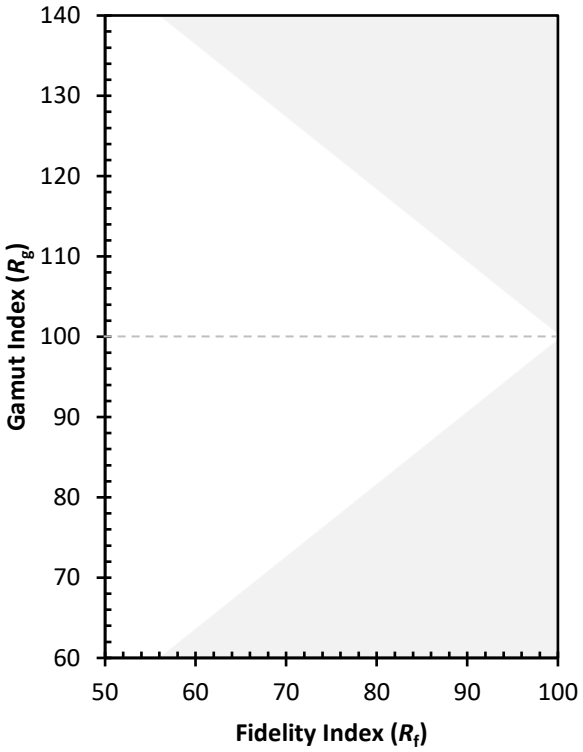


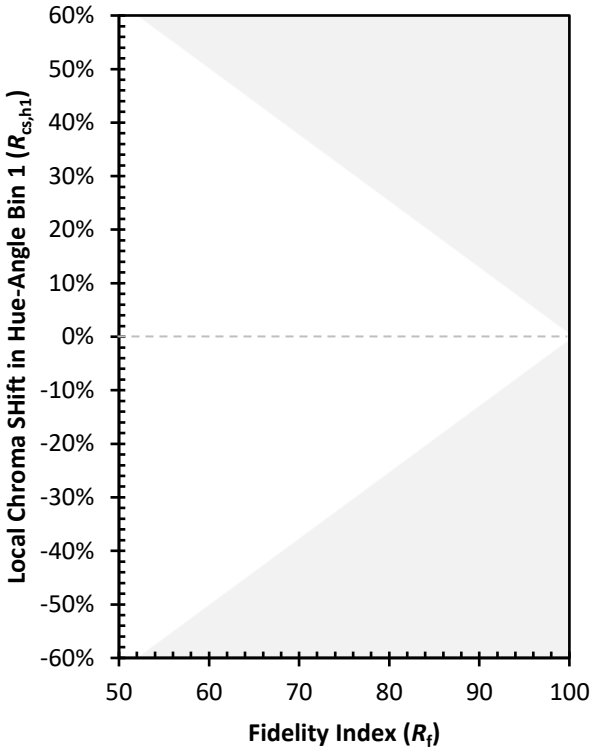


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Measure Comparisons





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