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-T4FT-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-T4FT-HSS
Description:	GALLEON SITE SLIM HIGH DENSITY LED ARRAYS 3SQUARE 101W 1590K FIXTURE w/ T4 FORWARD THROW 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:	4612.6 lumens
Efficiency:	N/A
Efficacy:	45.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
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

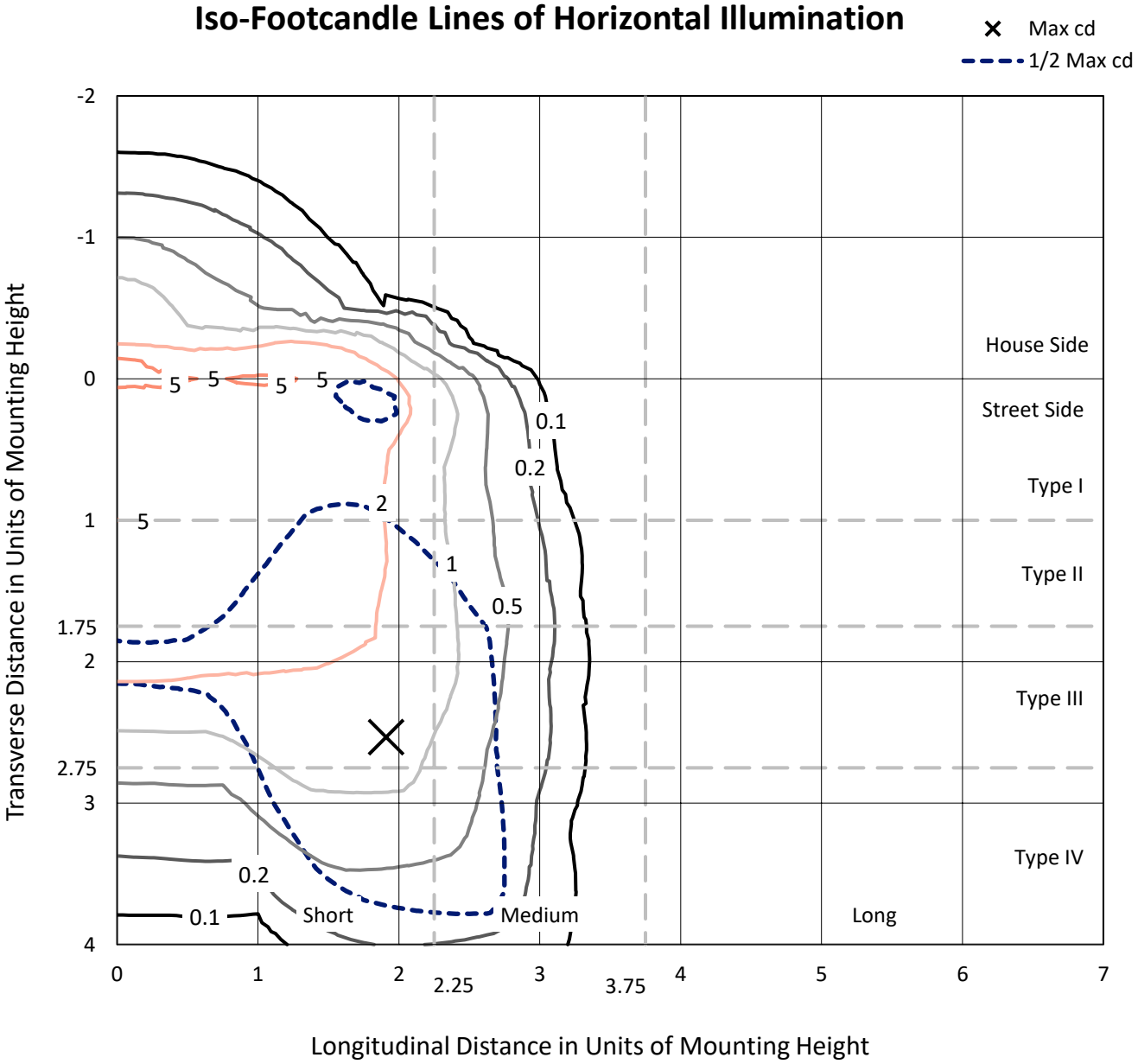


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REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4FT-HSS

Iso-Footcandle Lines of Horizontal Illumination



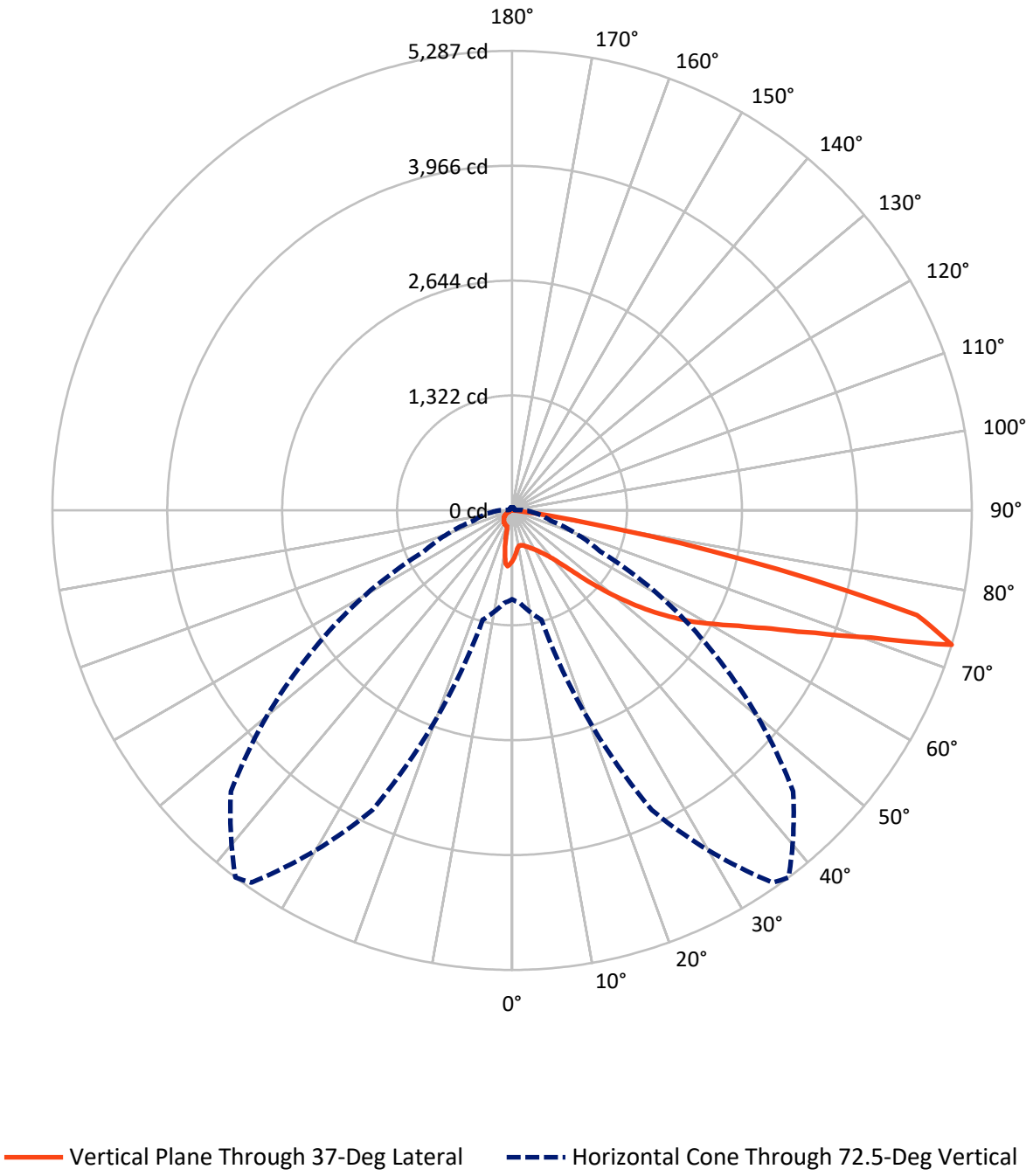
Based on 10 foot mounting height. Maximum calculated value = 5.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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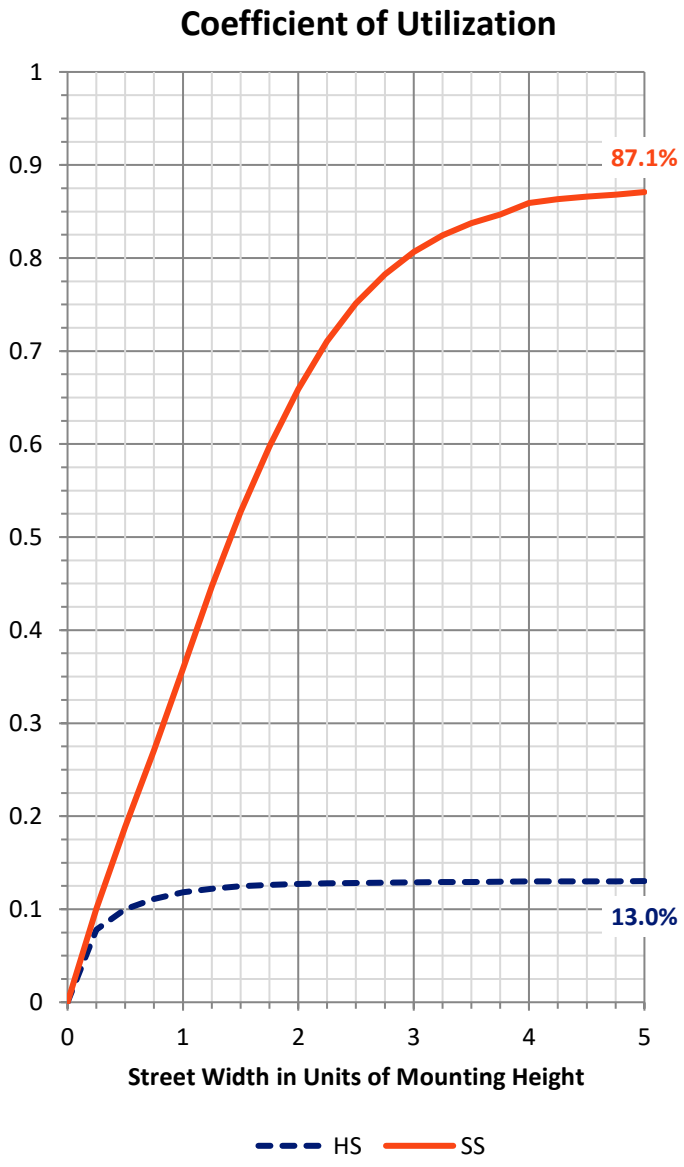
REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4FT-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	606.6	0.0	606.6
	% Fixture	13.2	0.0	13.2
Street Side	Lumens	4006.0	0.0	4006.0
	% Fixture	86.8	0.0	86.8
Total	Lumens	4612.6	0.0	4612.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	1.1
10°-20°	120.0	2.6
20°-30°	188.6	4.1
30°-40°	303.9	6.6
40°-50°	603.2	13.1
50°-60°	1088.8	23.6
60°-70°	1420.0	30.8
70°-80°	804.5	17.4
80°-90°	31.9	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°	4612.6	100.0
0°-180°	4612.6	100.0



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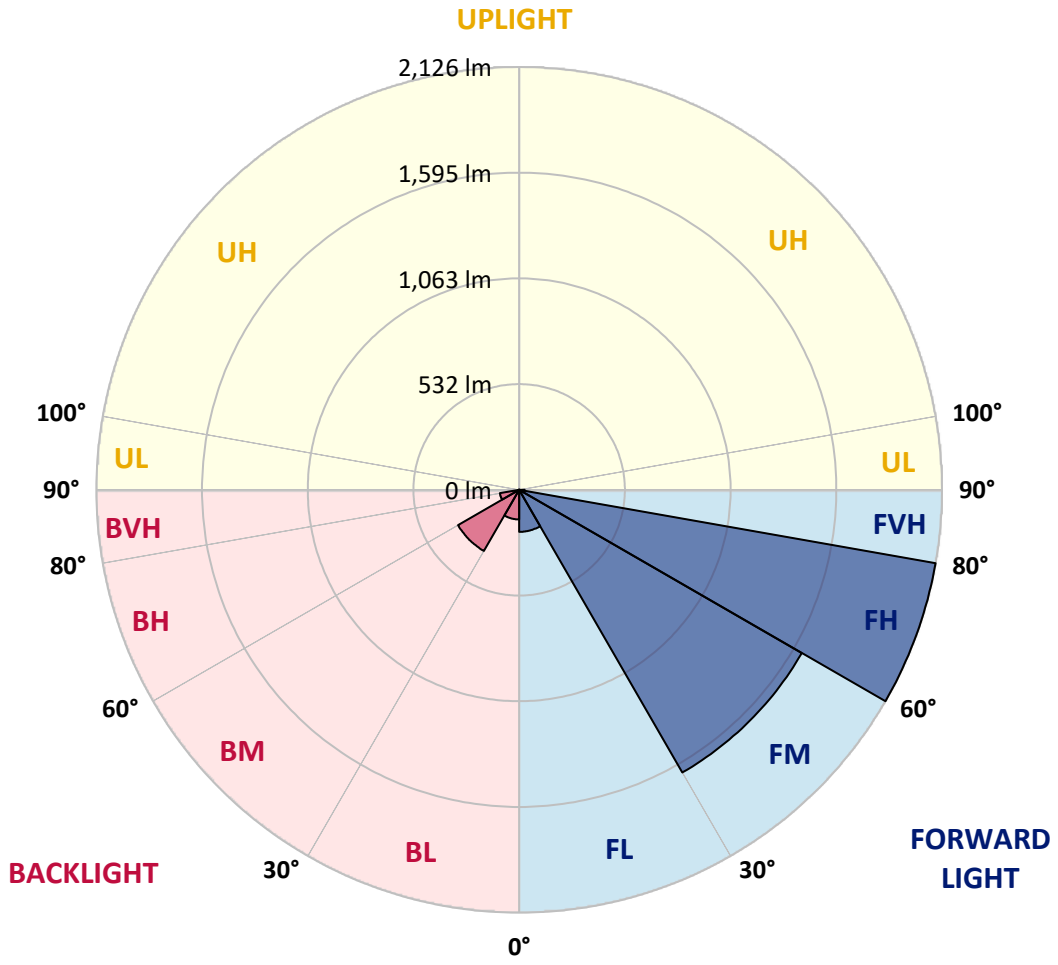
Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4FT-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	211.3	4.6			
FM	(30°-60°)	1641.1	35.6			
FH	(60°-80°)	2126.1	46.1			G2/5000
FVH	(80°-90°)	27.6	0.6			G1/100
BL	(0°-30°)	149.0	3.2	B1/500		
BM	(30°-60°)	354.8	7.7	B1/1000		
BH	(60°-80°)	98.5	2.1	B0/110		G0/110
BVH	(80°-90°)	4.3	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	37°	45°	55°	65°	75°	85°
0°	580.5	580.5	580.5	580.5	580.5	*580.5*	580.5	580.5	580.5	580.5	580.5
2.5°	535.6	535.6	535.6	535.6	541.6	*538.6*	544.6	553.6	559.6	568.5	577.5
5°	463.8	463.8	463.8	469.8	481.8	*484.8*	496.7	508.7	529.6	550.6	574.5
7.5°	418.9	415.9	418.9	424.9	439.9	*442.9*	454.8	478.8	505.7	535.6	568.5
10°	398.0	395.0	398.0	404.0	415.9	*418.9*	433.9	457.8	490.7	529.6	571.5
12.5°	392.0	395.0	395.0	398.0	409.9	*412.9*	427.9	454.8	487.7	529.6	571.5
15°	401.0	398.0	398.0	401.0	412.9	*415.9*	430.9	457.8	490.7	535.6	586.5
17.5°	412.9	409.9	407.0	409.9	421.9	*424.9*	442.9	472.8	502.7	544.6	595.5
20°	424.9	427.9	421.9	421.9	436.9	*439.9*	454.8	484.8	523.7	556.6	610.4
22.5°	445.9	445.9	436.9	436.9	454.8	*454.8*	475.8	505.7	538.6	574.5	628.4
25°	469.8	466.8	457.8	457.8	472.8	*475.8*	499.7	529.6	562.6	592.5	652.3
27.5°	493.7	493.7	481.8	481.8	493.7	*496.7*	526.6	565.5	589.5	613.4	682.2
30°	511.7	508.7	502.7	502.7	523.7	*526.6*	556.6	601.5	625.4	646.3	718.2
32.5°	529.6	526.6	526.6	526.6	553.6	*559.6*	598.5	646.3	676.3	694.2	766.0
35°	559.6	553.6	553.6	562.6	595.5	*604.4*	652.3	709.2	745.1	748.1	825.9
37.5°	670.3	658.3	619.4	613.4	649.3	*658.3*	718.2	796.0	834.9	825.9	909.7
40°	957.5	924.6	816.9	727.1	727.1	*739.1*	801.9	906.7	948.6	921.6	1011.4
42.5°	1247.8	1214.9	1098.2	939.6	858.8	*858.8*	933.6	1047.3	1083.2	1044.3	1143.1
45°	1418.4	1397.4	1304.6	1196.9	1059.3	*1044.3*	1086.2	1208.9	1238.8	1176.0	1307.6
47.5°	1529.1	1520.1	1454.3	1415.4	1310.6	*1295.7*	1304.6	1427.3	1427.3	1328.6	1511.1
50°	1699.6	1693.6	1645.8	1630.8	1585.9	*1568.0*	1582.9	1672.7	1609.9	1508.1	1750.5
52.5°	1867.2	1864.2	1837.3	1873.2	1846.3	*1849.2*	1885.2	1933.0	1816.3	1714.6	2019.8
55°	1974.9	1980.9	2031.8	2091.6	2139.5	*2130.5*	2178.4	2196.4	2004.8	1885.2	2352.0
57.5°	2193.4	2166.4	2187.4	2283.1	2387.9	*2402.8*	2456.7	2477.6	2193.4	2076.7	2648.2
60°	2411.8	2372.9	2390.9	2480.6	2642.2	*2651.2*	2761.9	2749.9	2340.0	2244.2	2893.6
62.5°	2708.0	2678.1	2618.3	2699.1	2887.6	*2923.5*	3079.1	3013.3	2483.6	2259.2	2839.7
65°	2663.2	2675.1	2836.7	3025.2	3243.7	*3276.6*	3450.1	3258.6	2420.8	2043.7	2528.5
67.5°	2043.7	2094.6	2408.8	3258.6	3734.4	*3761.3*	3934.9	3282.6	2232.3	1765.5	1888.1
70°	1532.1	1553.0	1840.3	3519.0	4297.0	*4380.7*	4557.3	3165.9	1915.1	1095.2	813.9
72.5°	*1023.4*	*1071.2*	*1301.7*	*3803.2*	*5227.6*	*5287.4*	*4572.3*	*2785.8*	*1119.1*	*457.8*	*236.4*
75°	640.4	655.3	807.9	3348.4	4955.3	*4811.6*	2788.8	1104.2	401.0	206.5	95.8
77.5°	179.5	194.5	242.4	1711.6	2818.8	*2717.0*	1005.4	191.5	179.5	131.7	56.9
80°	38.9	44.9	74.8	293.2	825.9	*855.8*	230.4	95.8	107.7	92.8	38.9
82.5°	18.0	20.9	44.9	95.8	158.6	*155.6*	65.8	56.9	71.8	56.9	20.9
85°	9.0	9.0	23.9	38.9	44.9	*41.9*	26.9	20.9	35.9	32.9	15.0
87.5°	0.0	3.0	3.0	6.0	6.0	*6.0*	6.0	6.0	9.0	6.0	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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Scaled Data Report

REPORT NUMBER: P1704730
CATALOG NUMBER: GSS-SB3A-AMB-U-T4FT-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5	580.5
2.5°	580.5	583.5	592.5	595.5	604.4	613.4	616.4	619.4	619.4	622.4	622.4
5°	580.5	592.5	610.4	619.4	631.4	640.4	646.3	643.3	643.3	643.3	640.4
7.5°	580.5	595.5	619.4	631.4	643.3	628.4	610.4	580.5	559.6	553.6	553.6
10°	586.5	604.4	628.4	640.4	607.4	547.6	487.7	442.9	404.0	389.0	395.0
12.5°	595.5	613.4	640.4	616.4	523.7	430.9	347.1	278.3	245.4	230.4	230.4
15°	610.4	631.4	652.3	568.5	421.9	296.2	221.4	203.5	200.5	203.5	200.5
17.5°	622.4	643.3	640.4	481.8	317.2	203.5	194.5	194.5	197.5	197.5	197.5
20°	640.4	661.3	622.4	398.0	212.5	188.5	188.5	191.5	191.5	194.5	194.5
22.5°	661.3	682.2	580.5	308.2	182.5	182.5	185.5	188.5	188.5	191.5	191.5
25°	685.2	709.2	529.6	224.4	176.5	179.5	182.5	185.5	188.5	188.5	188.5
27.5°	724.1	745.1	478.8	176.5	170.6	173.6	179.5	185.5	188.5	188.5	185.5
30°	766.0	790.0	427.9	170.6	164.6	170.6	176.5	185.5	188.5	185.5	185.5
32.5°	819.9	843.8	377.0	173.6	164.6	161.6	170.6	182.5	188.5	185.5	185.5
35°	894.7	903.7	341.1	191.5	173.6	158.6	164.6	176.5	185.5	185.5	185.5
37.5°	993.4	978.5	323.2	206.5	179.5	152.6	155.6	164.6	176.5	185.5	185.5
40°	1137.1	1089.2	317.2	218.4	176.5	146.6	146.6	152.6	164.6	179.5	182.5
42.5°	1298.7	1208.9	320.2	218.4	167.6	143.6	140.6	143.6	152.6	161.6	164.6
45°	1481.2	1364.5	356.1	206.5	158.6	137.6	131.7	134.7	137.6	143.6	140.6
47.5°	1693.6	1517.1	418.9	182.5	152.6	134.7	125.7	125.7	122.7	119.7	119.7
50°	1942.0	1651.8	448.8	164.6	146.6	125.7	119.7	113.7	104.7	104.7	101.7
52.5°	2196.4	1789.4	398.0	152.6	137.6	119.7	107.7	101.7	92.8	89.8	89.8
55°	2417.8	1858.2	296.2	143.6	125.7	107.7	95.8	89.8	80.8	77.8	77.8
57.5°	2561.4	1813.3	203.5	131.7	107.7	95.8	86.8	77.8	71.8	68.8	68.8
60°	2594.3	1636.8	143.6	113.7	89.8	83.8	77.8	68.8	65.8	59.8	59.8
62.5°	2331.0	1268.7	104.7	92.8	74.8	71.8	65.8	59.8	56.9	50.9	50.9
65°	1909.1	781.0	77.8	68.8	62.8	56.9	56.9	53.9	47.9	41.9	41.9
67.5°	1334.6	305.2	50.9	47.9	50.9	47.9	47.9	44.9	41.9	35.9	35.9
70°	538.6	77.8	38.9	35.9	38.9	35.9	38.9	41.9	35.9	32.9	29.9
72.5°	*146.6*	*38.9*	*29.9*	*26.9*	*29.9*	*26.9*	*32.9*	*35.9*	*29.9*	*26.9*	*26.9*
75°	68.8	29.9	23.9	23.9	20.9	20.9	26.9	26.9	26.9	23.9	20.9
77.5°	41.9	20.9	18.0	15.0	15.0	18.0	20.9	23.9	20.9	18.0	18.0
80°	26.9	15.0	12.0	12.0	12.0	15.0	18.0	18.0	15.0	15.0	15.0
82.5°	15.0	12.0	9.0	9.0	9.0	12.0	12.0	12.0	15.0	12.0	12.0
85°	6.0	6.0	6.0	6.0	6.0	6.0	9.0	9.0	12.0	12.0	12.0
87.5°	3.0	3.0	3.0	3.0	3.0	3.0	6.0	6.0	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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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

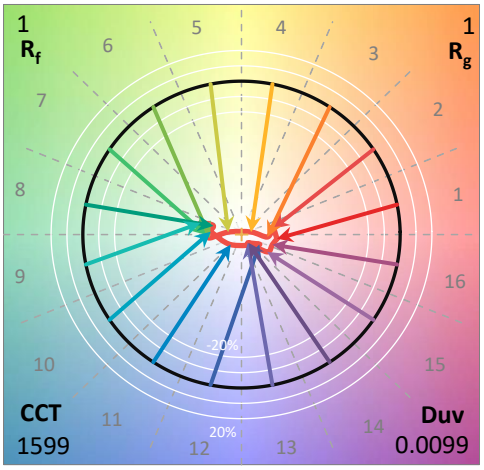
Test Information

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

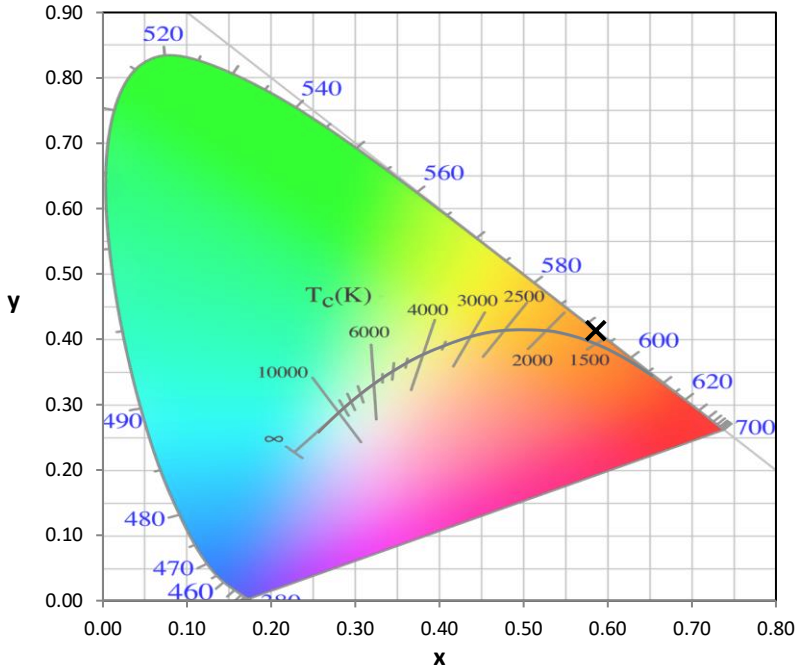
Stabilization Time:	64M
Operation Time:	2H 4M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2509-541-1

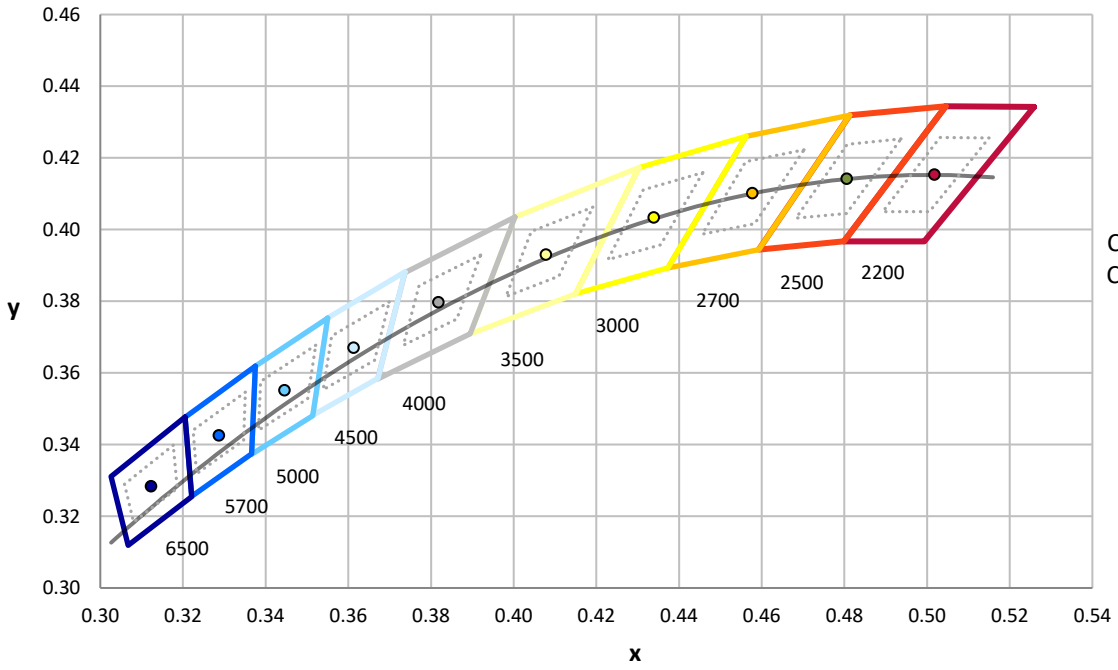
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	7/1/2025	1/1/2026
Power Meter	XITRON INXT2011006	1/20/2025	1/20/2026
AC Power Source	CHROMA 61604 IN6064A	10/22/2024	10/22/2025
DC Power Source	EYSIGHT N5770A IN0534	10/22/2024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

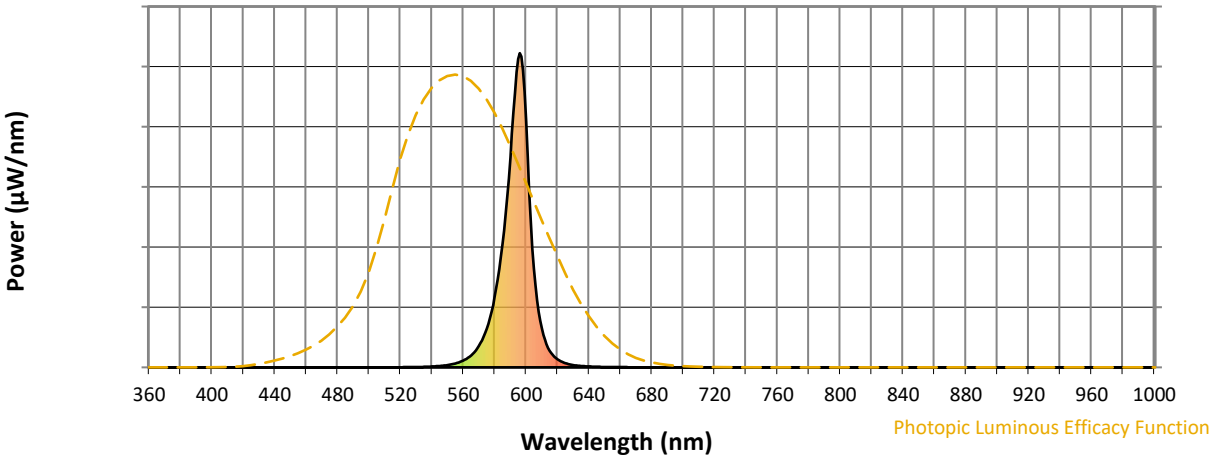


CCT = 1599K
CIE x = 0.5859
CIE y = 0.4133
Duv = 0.0099

Point lies outside the range

REPORT NUMBER: SP3-2509-541-1

Photopic Flux vs. Wavelength

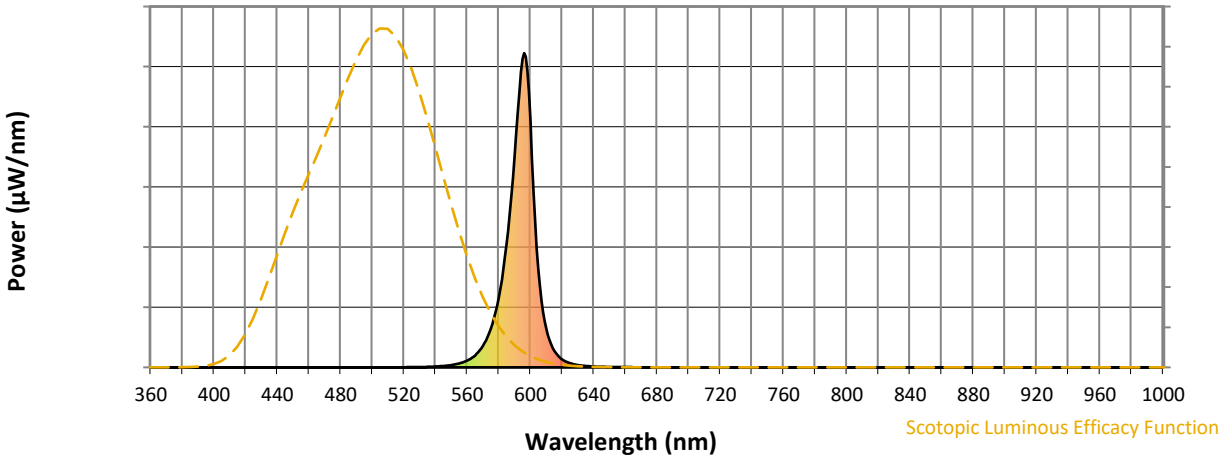


Photopic Lumens: NR

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

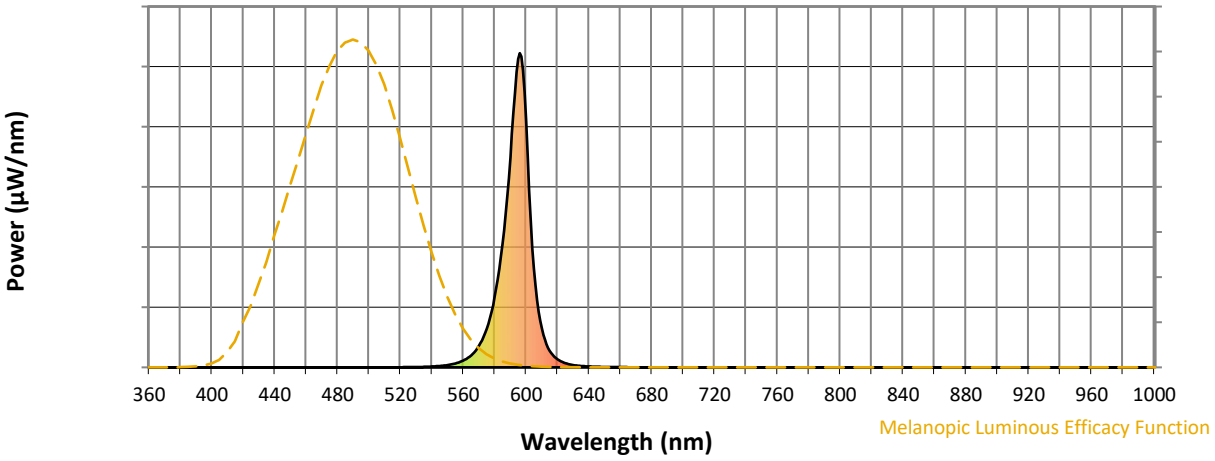


Scotopic Lumens: NR **S/P: 0.23**

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			

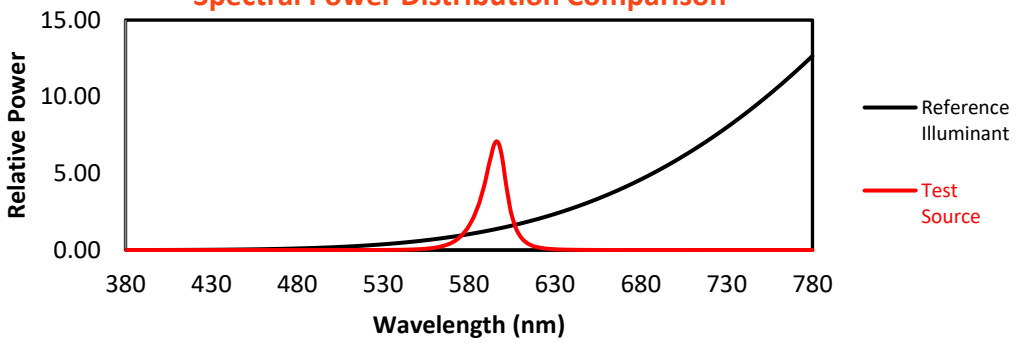
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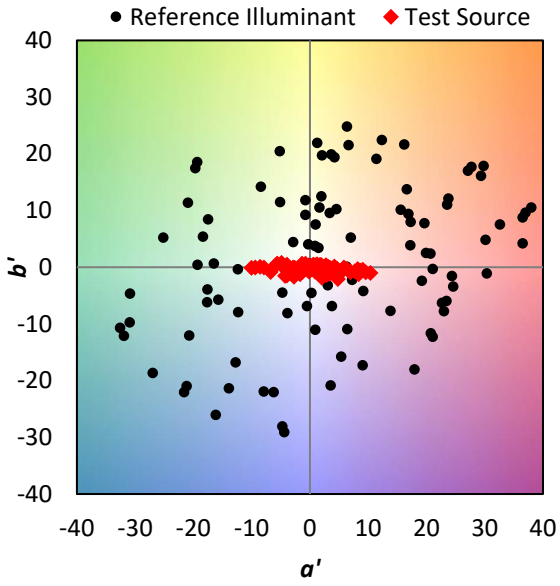
Summary

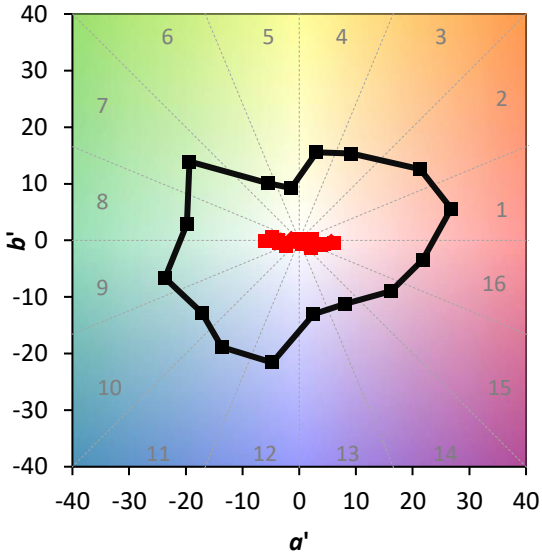
R_f = 1.2
R_g = 0.9
CIE R_a = -22.7
R_9 = -395.3

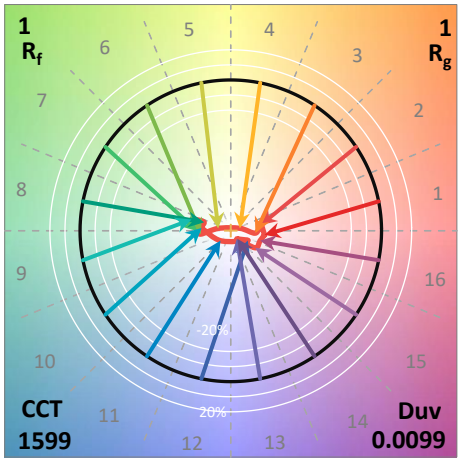
Spectral Power Distribution Comparison

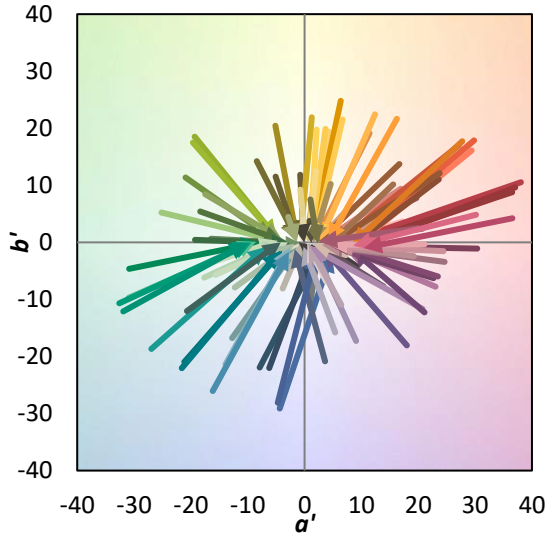


Color Vector Graphics







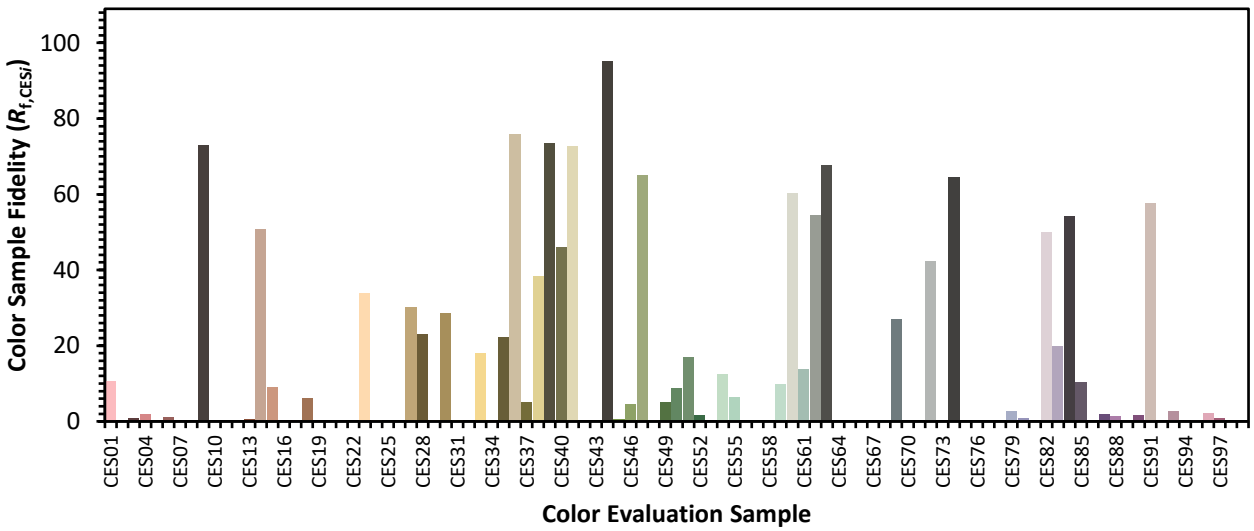


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Individual Sample Fidelity Index ($R_{f,i}$)

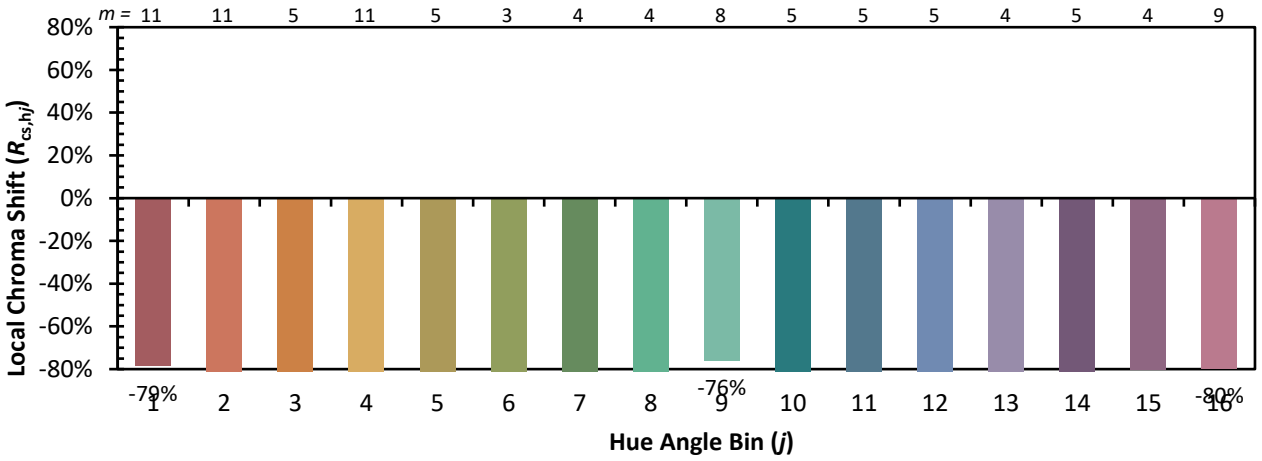
CES01 = 90	CES26 = 0	CES51 = 17	CES76 = 0
CES02 = 69	CES27 = 30	CES52 = 2	CES77 = 0
CES03 = 30	CES28 = 23	CES53 = 0	CES78 = 0
CES04 = 77	CES29 = 0	CES54 = 12	CES79 = 3
CES05 = 51	CES30 = 29	CES55 = 6	CES80 = 1
CES06 = 56	CES31 = 0	CES56 = 0	CES81 = 0
CES07 = 40	CES32 = 0	CES57 = 0	CES82 = 50
CES08 =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

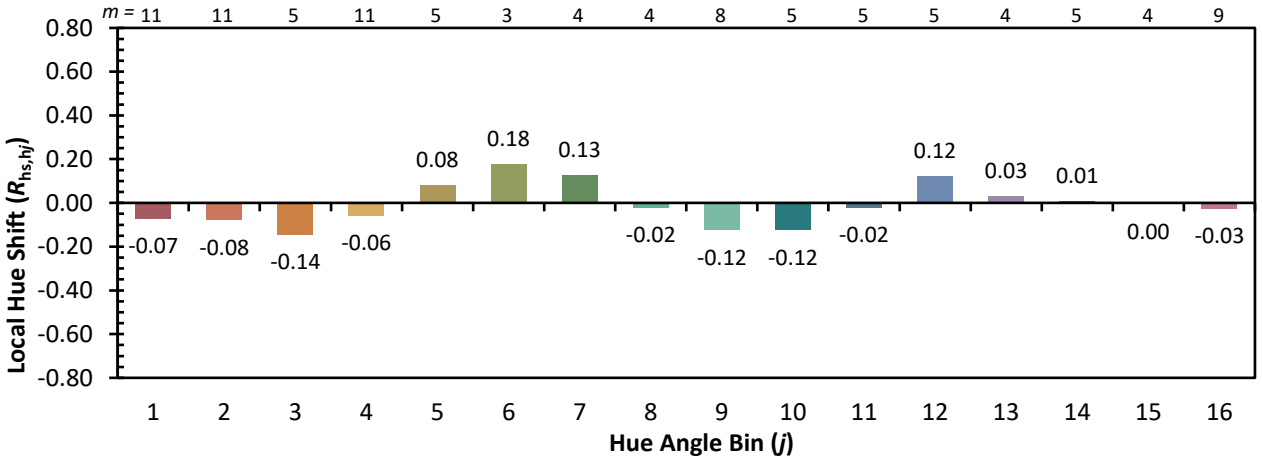


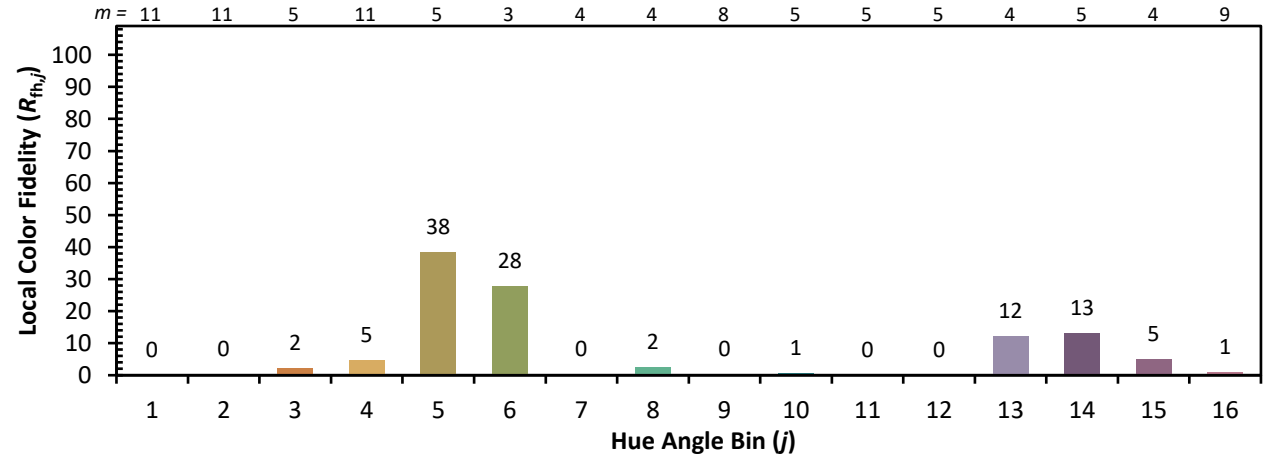
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Color Rendition by Hue-Angle Bin



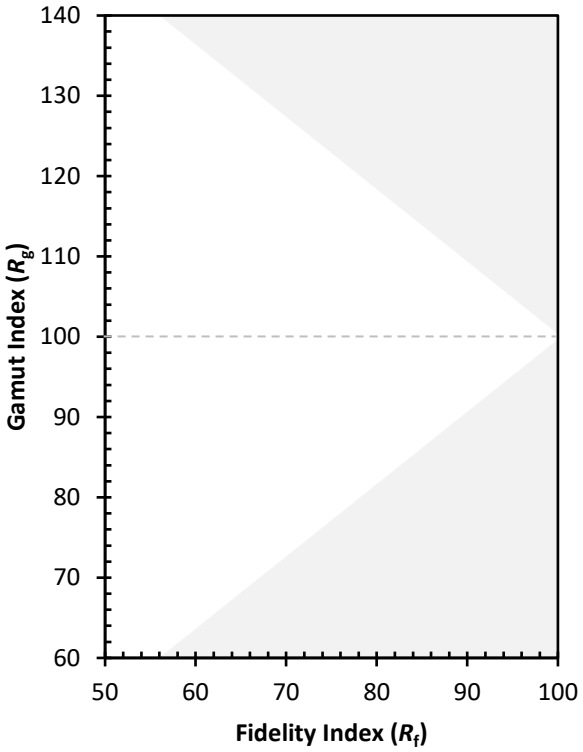


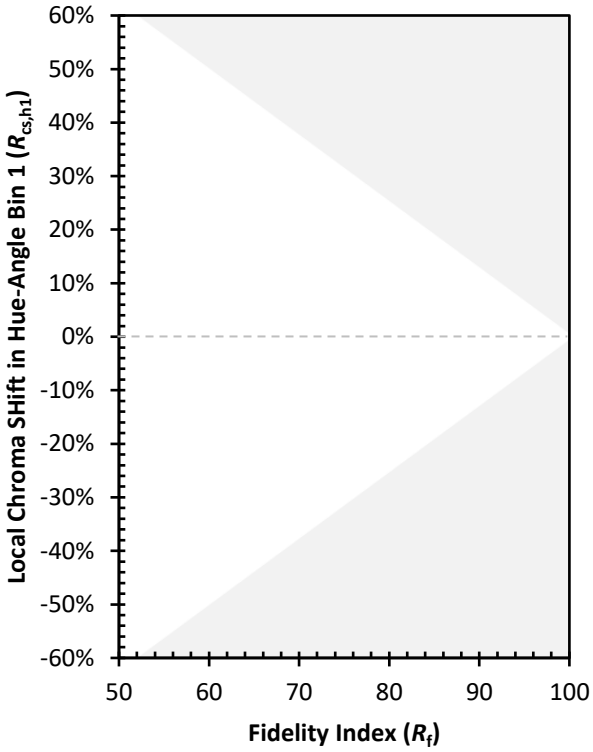


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Measure Comparisons





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