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: P1502341

Luminaire Tested: GSS-SB3A-840-U-T3LG-HSS

Issue Date: 07/20/2026

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:	P1502341
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-840-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10028.2 lumens
Efficiency:	N/A
Efficacy:	118.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

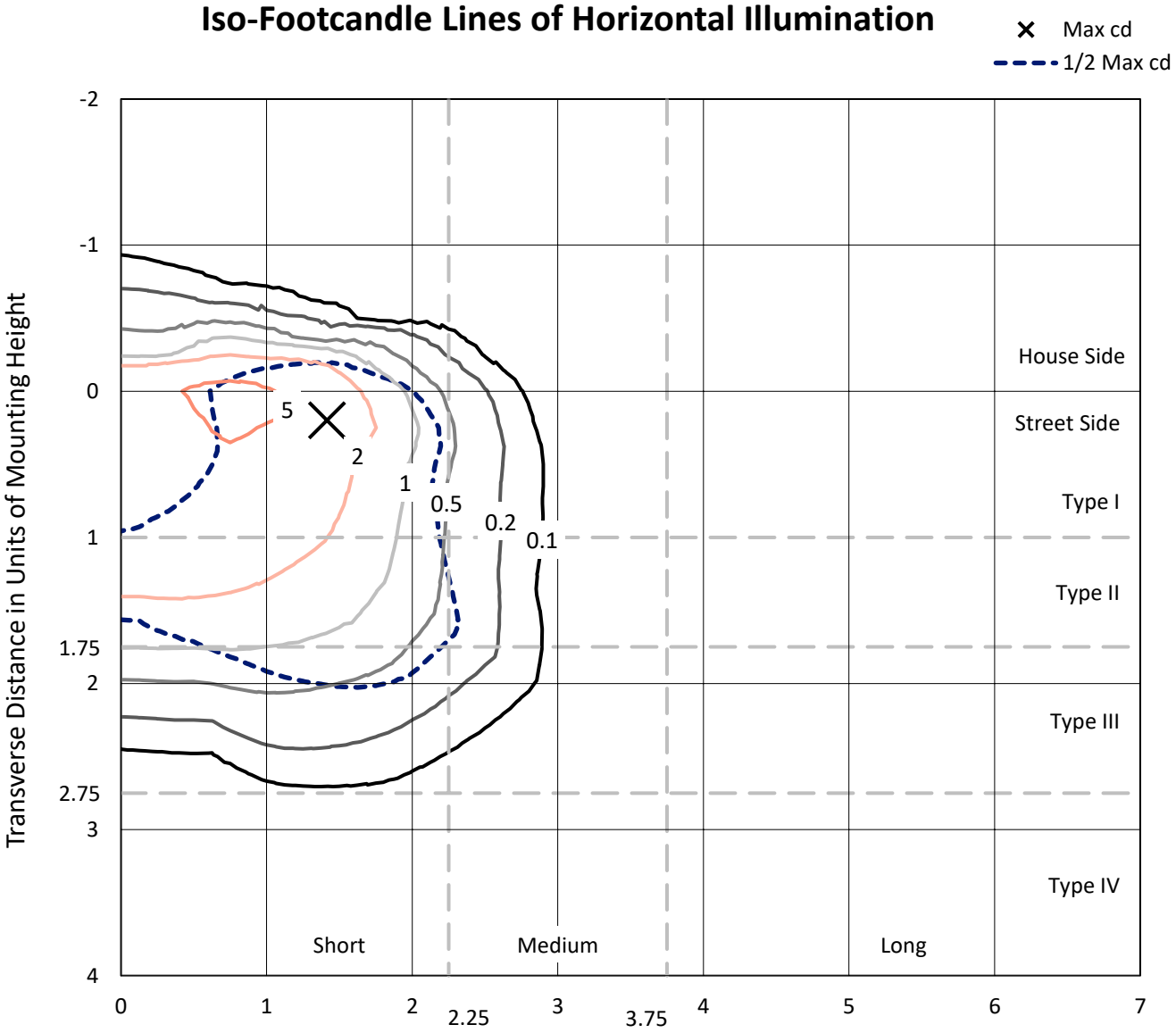
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502341
CATALOG NUMBER: GSS-SB3A-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



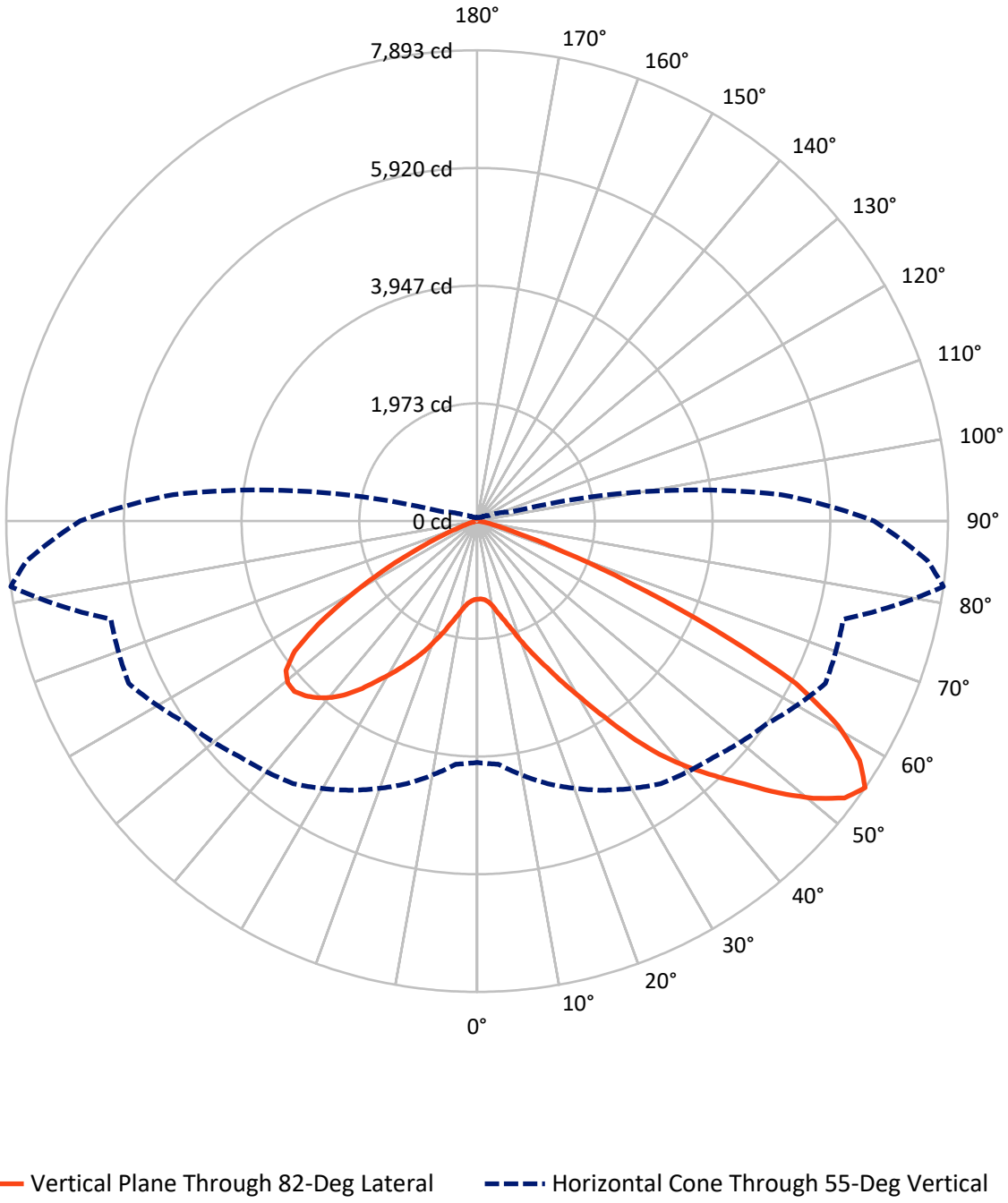
Based on 20 foot mounting height. Maximum calculated value = 6.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1502341
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Luminous Intensity Polar Plot



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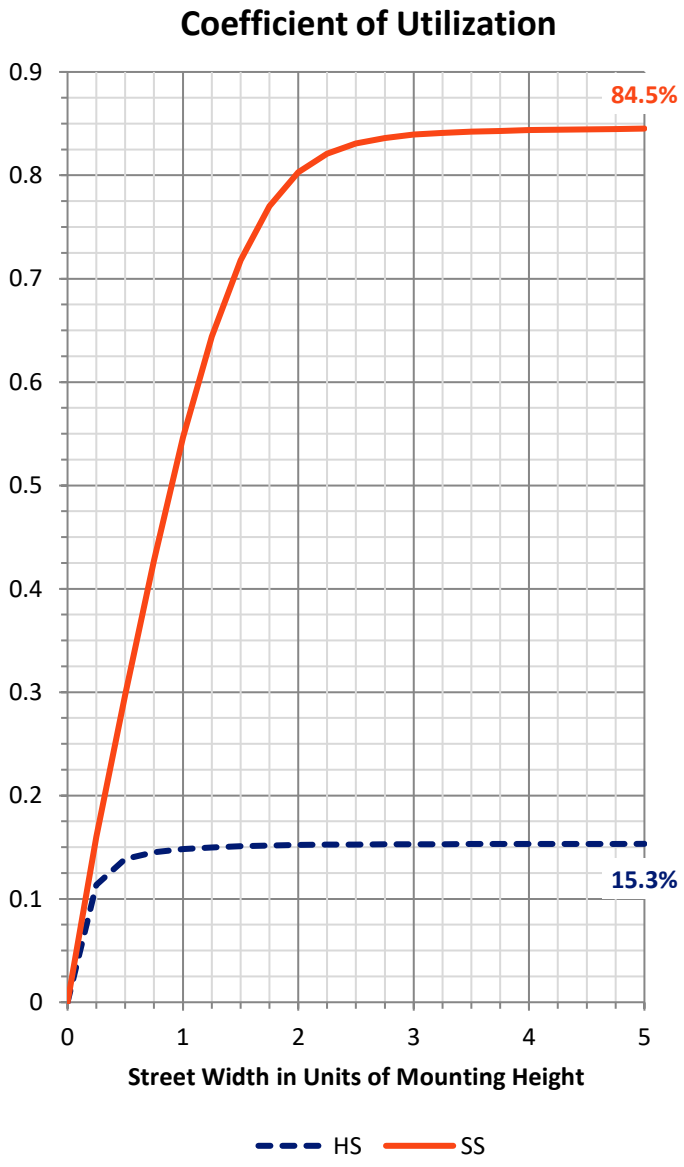
REPORT NUMBER: P1502341
CATALOG NUMBER: GSS-SB3A-840-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1550.0	0.0	1550.0
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	8478.2	0.0	8478.2
	% Fixture	84.5	0.0	84.5
Total	Lumens	10028.2	0.0	10028.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.7	1.2
10°-20°	321.3	3.2
20°-30°	642.2	6.4
30°-40°	1329.9	13.3
40°-50°	2221.7	22.2
50°-60°	2817.8	28.1
60°-70°	2106.5	21.0
70°-80°	446.2	4.4
80°-90°	24.0	0.2
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°	10028.2	100.0
0°-180°	10028.2	100.0



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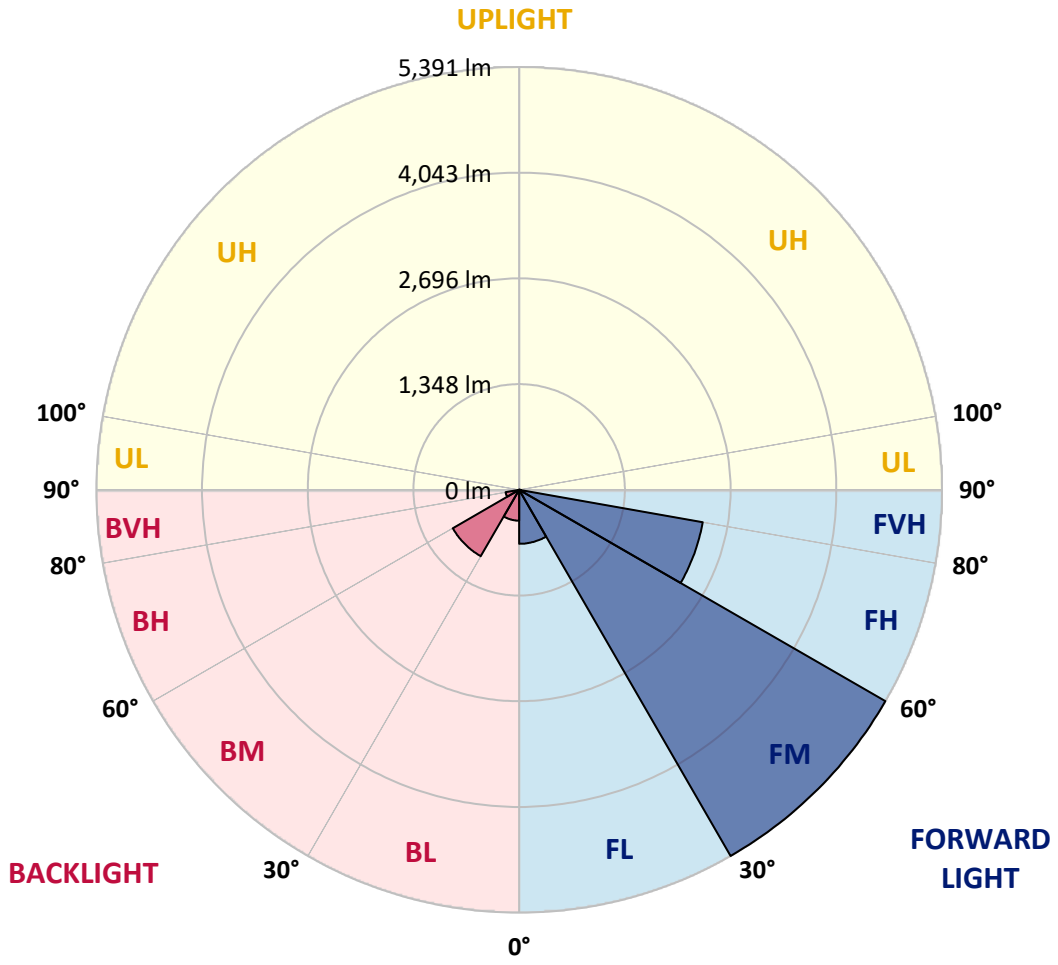
Scaled Data Report

REPORT NUMBER: P1502341
CATALOG NUMBER: GSS-SB3A-840-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	688.7	6.9			
FM	(30°-60°)	5391.3	53.8			
FH	(60°-80°)	2376.6	23.7			G2/5000
FVH	(80°-90°)	21.5	0.2			G1/100
BL	(0°-30°)	393.5	3.9	B1/500		
BM	(30°-60°)	978.0	9.8	B1/1000		
BH	(60°-80°)	176.0	1.8	B1/500		G1/500
BVH	(80°-90°)	2.5	0.0			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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	*1309.2*	1309.2
2.5°	1273.8	1276.5	1271.1	1273.8	1279.2	1276.5	1287.4	1295.6	1303.7	*1306.5*	1309.2
5°	1162.2	1164.9	1167.6	1189.4	1203.0	1235.7	1265.6	1284.7	1311.9	*1325.5*	1328.2
7.5°	1028.8	1028.8	1039.7	1066.9	1102.3	1164.9	1233.0	1287.4	1339.1	*1366.3*	1371.8
10°	1004.3	1007.1	1007.1	1026.1	1056.0	1118.7	1205.7	1314.6	1407.2	*1448.0*	1461.6
12.5°	1009.8	1012.5	1015.2	1034.3	1064.2	1118.7	1230.2	1371.8	1516.0	*1584.1*	1592.2
15°	1023.4	1028.8	1037.0	1061.5	1094.2	1164.9	1282.0	1453.4	1646.7	*1733.8*	1755.5
17.5°	1064.2	1066.9	1080.5	1107.8	1159.5	1230.2	1358.2	1559.6	1829.0	*1924.3*	1965.1
20°	1126.8	1132.3	1151.3	1189.4	1249.3	1339.1	1480.6	1698.4	2025.0	*2172.0*	2204.6
22.5°	1205.7	1205.7	1233.0	1292.8	1377.2	1477.9	1649.4	1883.5	2264.5	*2436.0*	2490.4
25°	1336.4	1333.7	1355.4	1423.5	1524.2	1671.2	1845.4	2103.9	2514.9	*2719.1*	2776.2
27.5°	1635.8	1627.6	1619.5	1622.2	1709.3	1897.1	2098.5	2381.6	2825.2	*3064.7*	3108.3
30°	1984.2	1995.1	1984.2	1957.0	1970.6	2144.8	2395.2	2721.8	3173.6	*3443.0*	3500.2
32.5°	2289.0	2294.5	2340.7	2370.7	2381.6	2463.2	2738.1	3132.8	3617.2	*3911.2*	3984.7
35°	2621.1	2629.2	2681.0	2743.6	2841.5	2915.0	3168.1	3609.1	4069.1	*4439.2*	4493.7
37.5°	3007.6	3021.2	3089.2	3179.0	3315.1	3483.9	3620.0	4041.8	4529.0	*4956.4*	5013.5
40°	3347.8	3391.3	3508.4	3622.7	3766.9	3957.5	4047.3	4420.2	4869.3	*5413.6*	5508.9
42.5°	3669.0	3693.5	3881.3	4058.2	4229.6	4384.8	4471.9	4716.8	5171.4	*5838.2*	5944.4
45°	3935.7	3954.7	4164.3	4398.4	4610.7	4765.8	4779.4	5005.3	5470.8	*6287.3*	6369.0
47.5°	4099.0	4128.9	4398.4	4665.1	4899.2	5043.5	5021.7	5372.8	5797.4	*6809.9*	6820.8
50°	4197.0	4216.0	4490.9	4836.6	5125.1	5225.8	5272.1	5723.9	6094.1	*7305.3*	7239.9
52.5°	4267.7	4297.7	4567.1	4934.6	5258.5	5394.6	5560.6	6118.6	6328.1	*7710.8*	7536.6
55°	*4047.3*	*4090.8*	*4556.3*	*4978.1*	*5372.8*	*5601.4*	*5928.0*	*6442.4*	*6355.4*	*7893.2*	*7574.7*
57.5°	3799.6	3807.8	4267.7	4964.5	5500.7	5819.2	6265.5	6466.9	6102.2	*7561.1*	7188.2
60°	3434.9	3483.9	3954.7	4787.6	5522.5	5993.4	6494.2	6170.3	5639.5	*6946.0*	6385.3
62.5°	2411.5	2487.7	3102.8	4322.2	5367.3	6088.6	6456.1	5653.1	5059.8	*5996.1*	5367.3
65°	1350.0	1415.3	1918.9	3486.6	4940.0	6066.8	6064.1	4961.8	4128.9	*4333.1*	3837.7
67.5°	740.3	792.0	996.2	2623.8	3919.4	5601.4	5239.4	3786.0	2768.0	*2751.7*	2395.2
70°	517.1	519.9	628.7	1771.9	2817.0	3908.5	4096.3	2539.4	1717.4	*1518.8*	1282.0
72.5°	253.1	255.8	313.0	835.6	1722.9	2166.5	2808.9	1320.1	963.5	*753.9*	642.3
75°	127.9	125.2	171.5	313.0	713.1	1056.0	1238.4	661.4	560.7	*413.7*	367.4
77.5°	81.7	84.4	100.7	171.5	321.2	411.0	381.0	359.3	329.3	*242.2*	209.6
80°	54.4	54.4	68.0	108.9	157.9	196.0	117.0	166.0	193.2	*141.5*	122.5
82.5°	16.3	16.3	40.8	59.9	76.2	78.9	51.7	76.2	108.9	*78.9*	59.9
85°	10.9	10.9	21.8	29.9	32.7	27.2	16.3	32.7	51.7	*35.4*	29.9
87.5°	0.0	0.0	0.0	2.7	2.7	2.7	2.7	2.7	2.7	*2.7*	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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Scaled Data Report

REPORT NUMBER: P1502341
CATALOG NUMBER: GSS-SB3A-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2	1309.2
2.5°	1311.9	1314.6	1322.8	1325.5	1330.9	1333.7	1333.7	1333.7	1330.9	1333.7	1339.1
5°	1333.7	1347.3	1358.2	1355.4	1355.4	1341.8	1330.9	1309.2	1298.3	1295.6	1298.3
7.5°	1388.1	1399.0	1409.9	1393.6	1352.7	1290.1	1222.1	1167.6	1121.4	1099.6	1107.8
10°	1486.1	1499.7	1499.7	1423.5	1309.2	1162.2	1039.7	939.0	862.8	822.0	841.0
12.5°	1627.6	1638.5	1611.3	1450.7	1233.0	990.7	786.6	617.8	519.9	470.9	460.0
15°	1790.9	1807.3	1714.7	1445.3	1113.2	740.3	489.9	367.4	332.1	321.2	323.9
17.5°	2000.5	2008.7	1829.0	1401.7	906.4	484.5	348.4	313.0	304.8	299.4	299.4
20°	2259.1	2234.6	1921.6	1328.2	661.4	381.0	321.2	294.0	285.8	283.1	285.8
22.5°	2536.7	2498.6	1997.8	1189.4	500.8	359.3	307.6	277.6	266.7	264.0	264.0
25°	2827.9	2740.8	2057.7	985.3	468.1	353.8	291.2	253.1	242.2	236.8	236.8
27.5°	3160.0	3010.3	2090.3	824.7	476.3	345.7	272.2	231.4	215.0	209.6	209.6
30°	3527.4	3309.7	2093.0	792.0	492.6	334.8	253.1	206.9	190.5	182.4	185.1
32.5°	3973.8	3614.5	2084.9	843.8	503.5	326.6	231.4	182.4	168.8	160.6	160.6
35°	4436.5	3984.7	2052.2	941.7	509.0	302.1	204.1	160.6	144.3	141.5	144.3
37.5°	4896.5	4335.8	2006.0	996.2	481.8	247.7	166.0	138.8	127.9	127.9	127.9
40°	5315.6	4640.6	1943.3	949.9	383.8	179.6	136.1	119.8	114.3	111.6	114.3
42.5°	5628.6	4912.8	1829.0	800.2	272.2	144.3	119.8	106.1	100.7	100.7	103.4
45°	5971.6	5174.1	1608.6	587.9	206.9	125.2	103.4	92.5	89.8	89.8	92.5
47.5°	6317.2	5383.7	1396.3	391.9	179.6	111.6	92.5	84.4	81.7	78.9	81.7
50°	6581.3	5484.4	1118.7	285.8	163.3	100.7	84.4	78.9	73.5	70.8	70.8
52.5°	6769.1	5457.2	819.3	245.0	149.7	92.5	78.9	73.5	65.3	65.3	65.3
55°	*6654.7*	*5108.8*	*590.6*	*220.5*	*138.8*	*87.1*	*76.2*	*68.0*	*62.6*	*59.9*	*59.9*
57.5°	6099.5	4354.8	427.3	198.7	122.5	81.7	73.5	65.3	57.2	54.4	54.4
60°	5302.0	3391.3	318.4	174.2	106.1	78.9	65.3	62.6	54.4	49.0	49.0
62.5°	4333.1	2468.7	247.7	149.7	95.3	68.0	62.6	57.2	49.0	43.5	40.8
65°	3007.6	1575.9	190.5	122.5	89.8	59.9	57.2	49.0	40.8	32.7	32.7
67.5°	1856.3	936.3	147.0	95.3	70.8	51.7	49.0	43.5	35.4	27.2	27.2
70°	1026.1	495.4	100.7	70.8	54.4	40.8	38.1	38.1	29.9	24.5	21.8
72.5°	492.6	269.5	68.0	59.9	40.8	27.2	29.9	29.9	24.5	19.1	19.1
75°	296.7	160.6	46.3	46.3	27.2	21.8	21.8	24.5	19.1	13.6	13.6
77.5°	168.8	95.3	27.2	35.4	19.1	13.6	16.3	13.6	10.9	8.2	8.2
80°	95.3	54.4	16.3	24.5	10.9	8.2	8.2	5.4	5.4	2.7	2.7
82.5°	46.3	29.9	8.2	8.2	5.4	2.7	2.7	2.7	2.7	0.0	0.0
85°	21.8	5.4	2.7	2.7	2.7	2.7	2.7	2.7	2.7	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

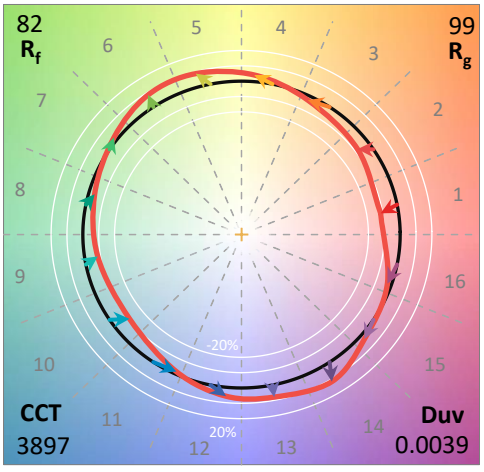
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

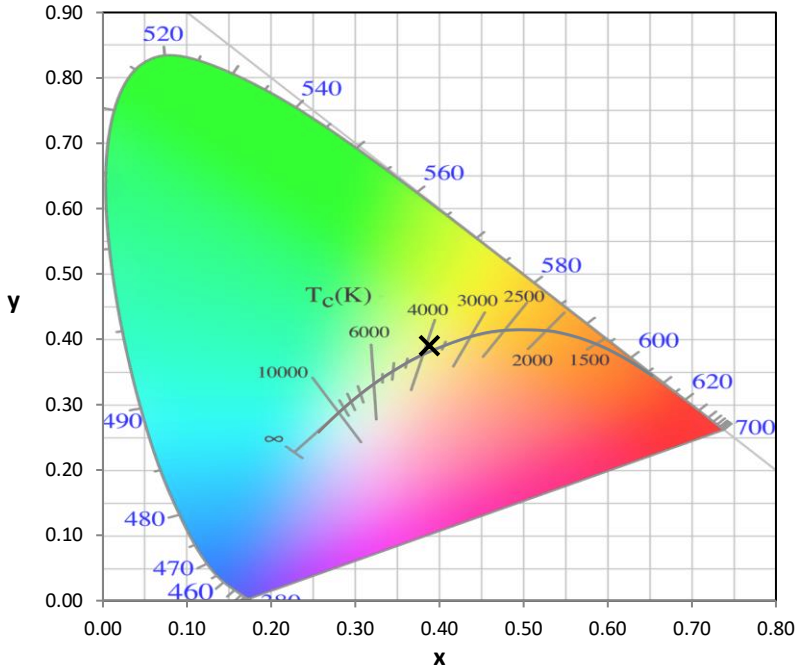
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

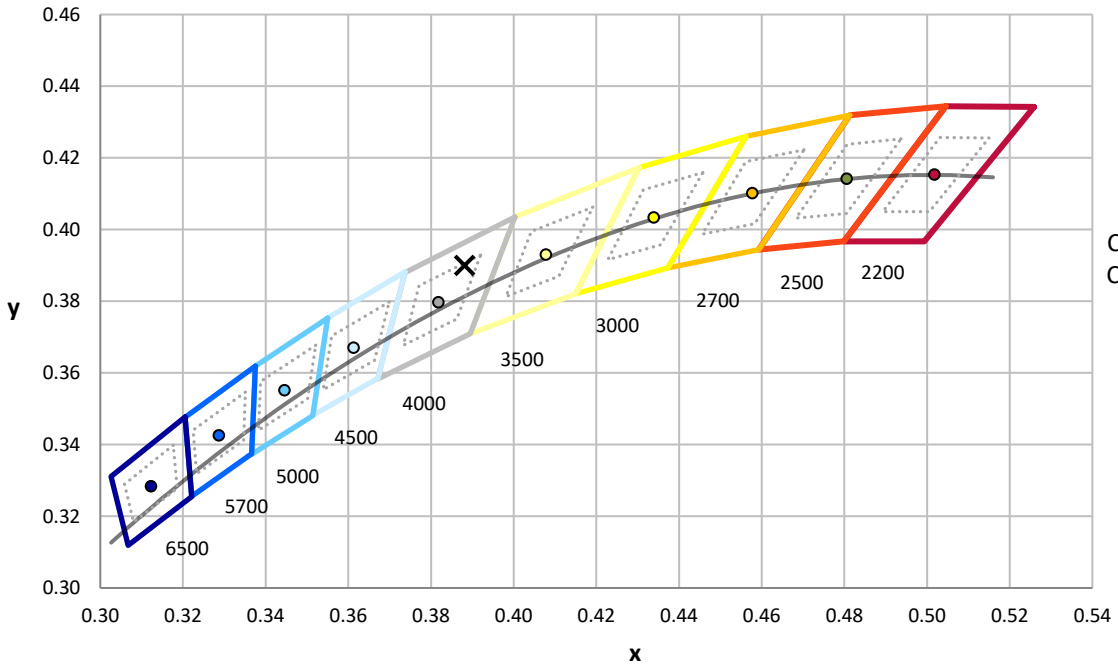
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

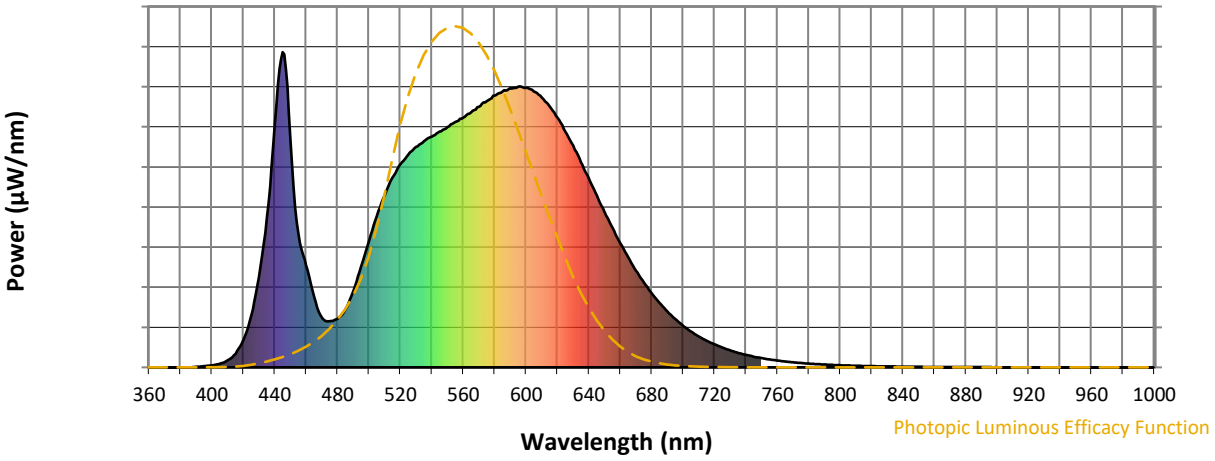


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

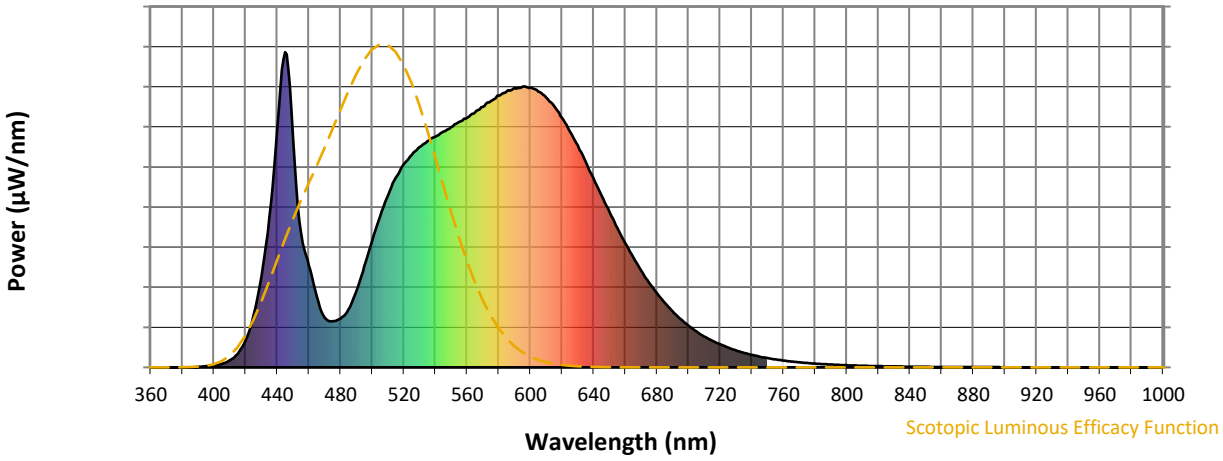


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

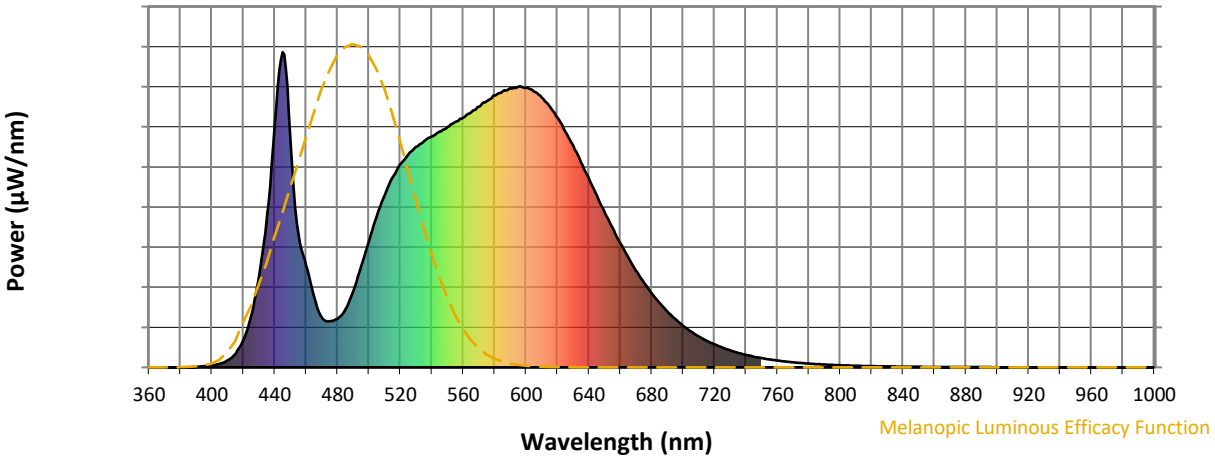


Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

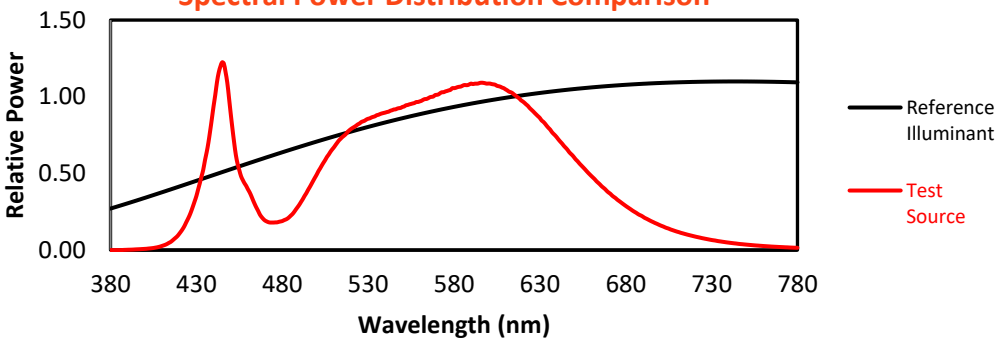
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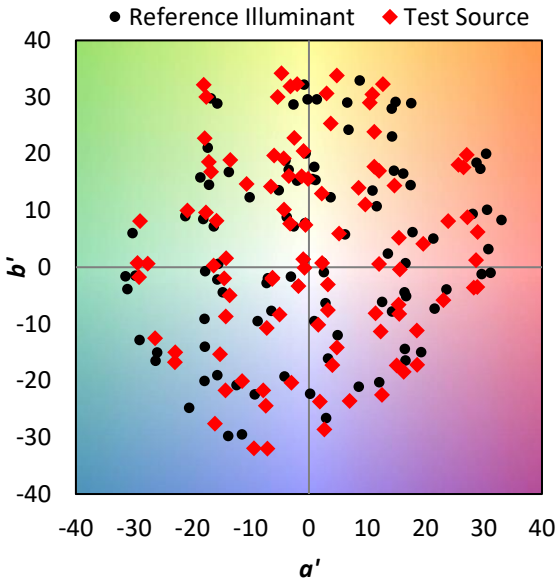
Summary

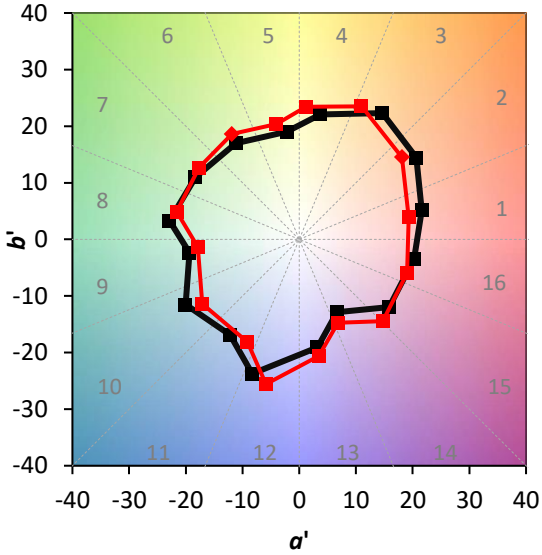
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

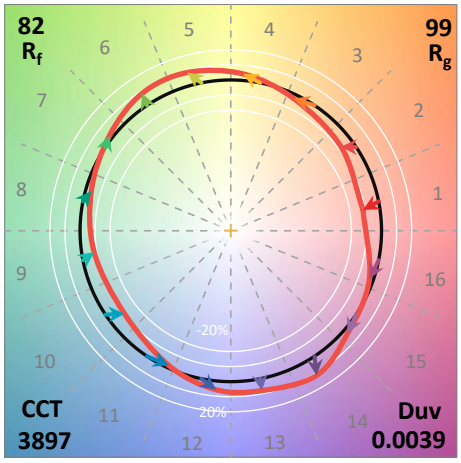
Spectral Power Distribution Comparison

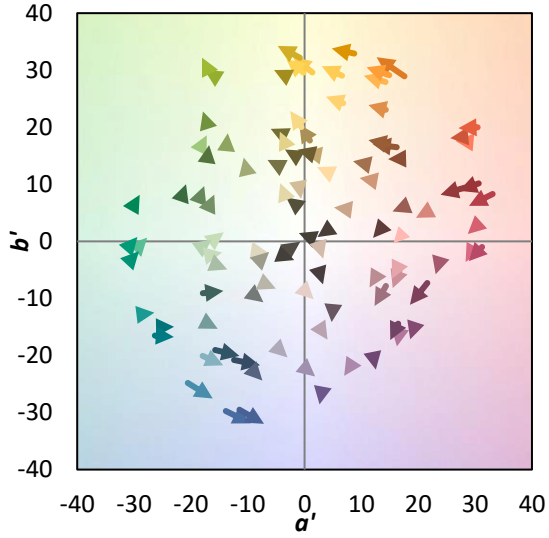


Color Vector Graphics







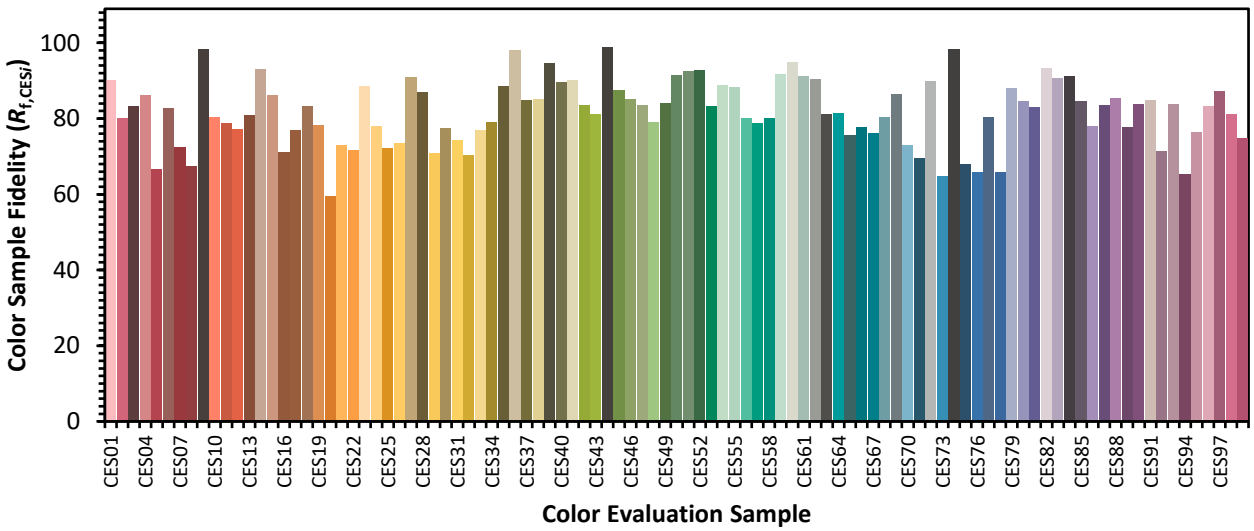


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Individual Sample Fidelity Index ($R_{f,i}$)

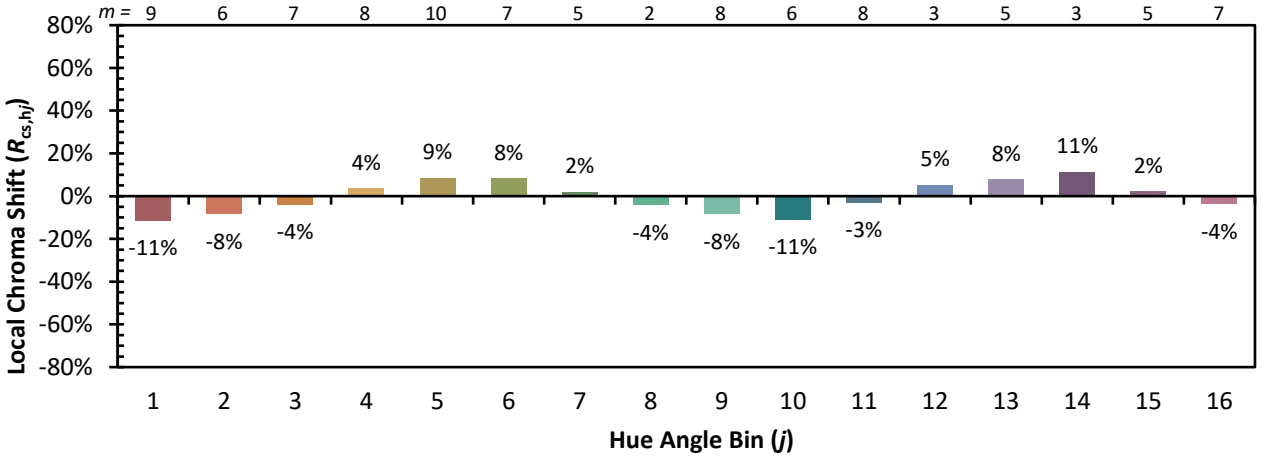
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	

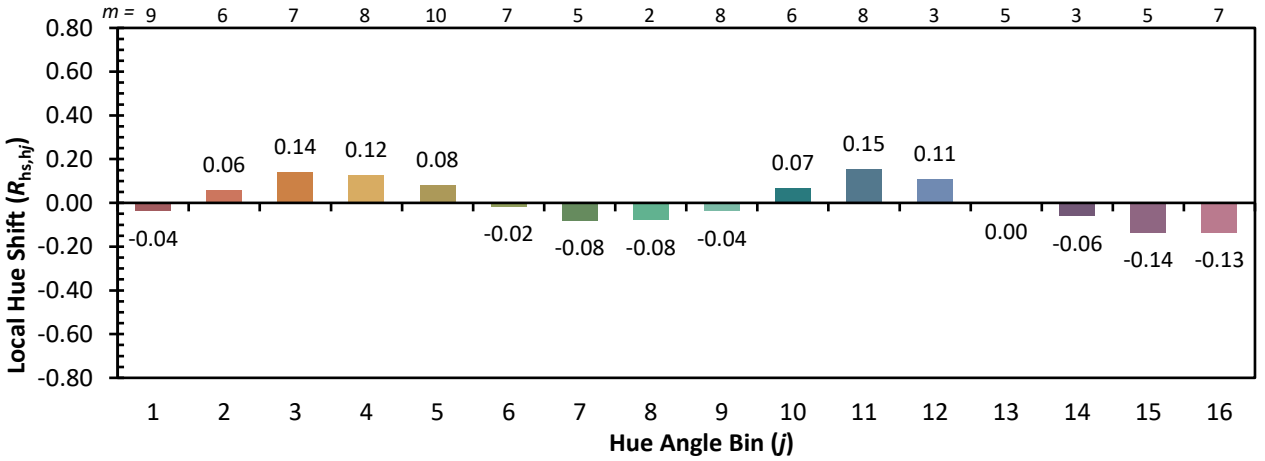


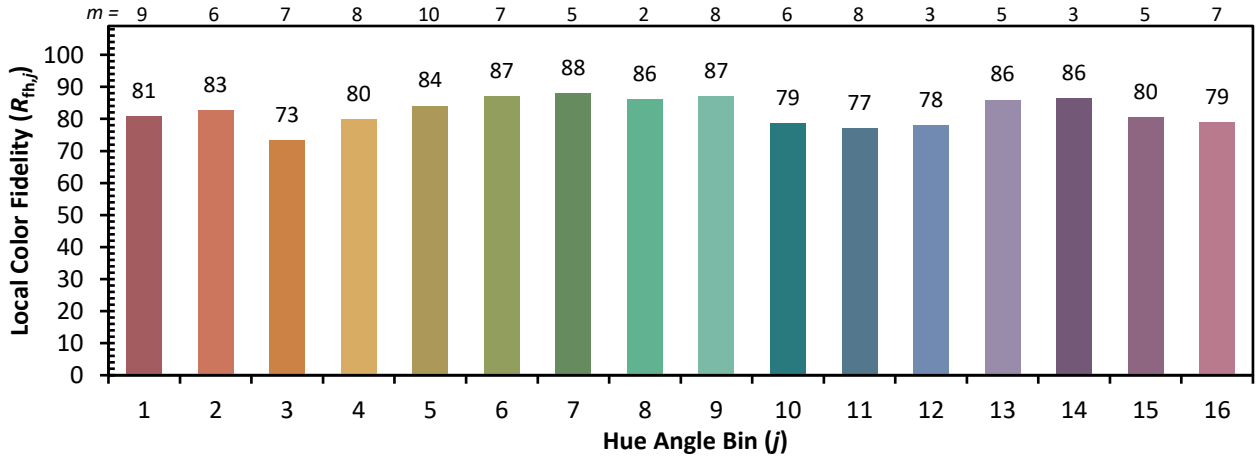
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Color Rendition by Hue-Angle Bin



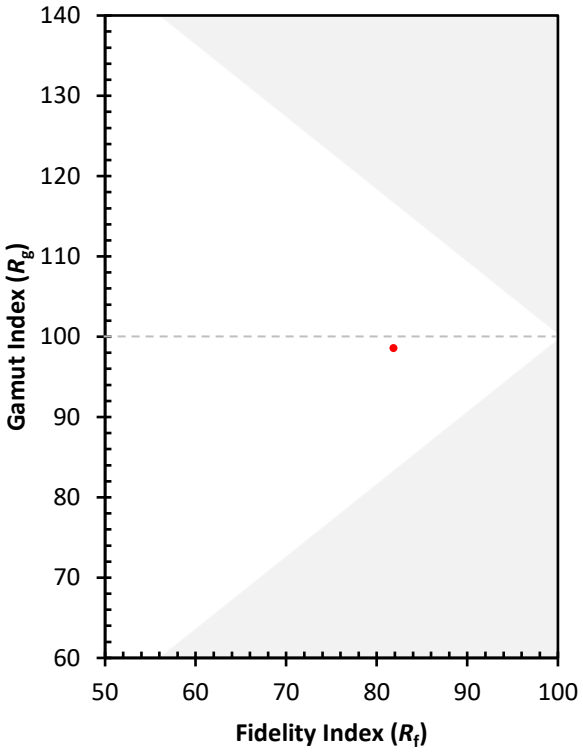


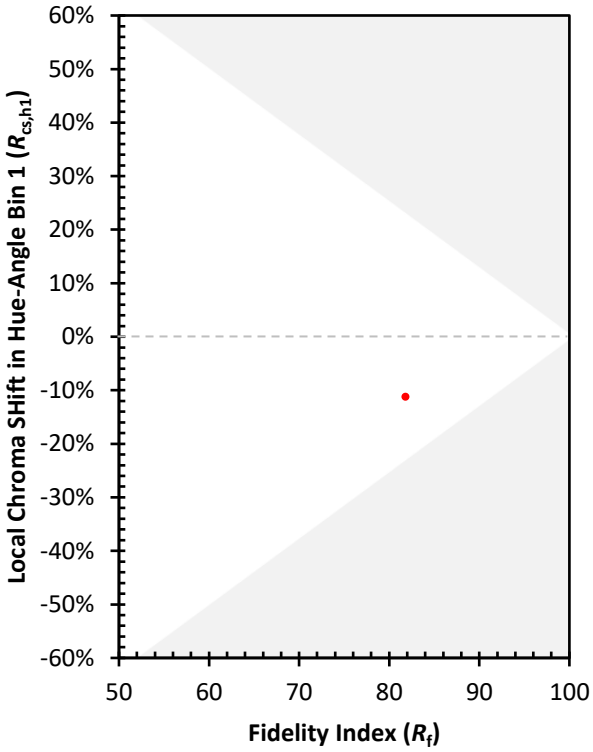


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Measure Comparisons





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