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: STREETWORKS

Report Number: P1459011

Luminaire Tested: GLAN-SB5A-840-U-T4LG-HSS

Issue Date: 05/20/2026

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:	P1459011
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5A-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15714.8 lumens
Efficiency:	N/A
Efficacy:	110.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	141.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
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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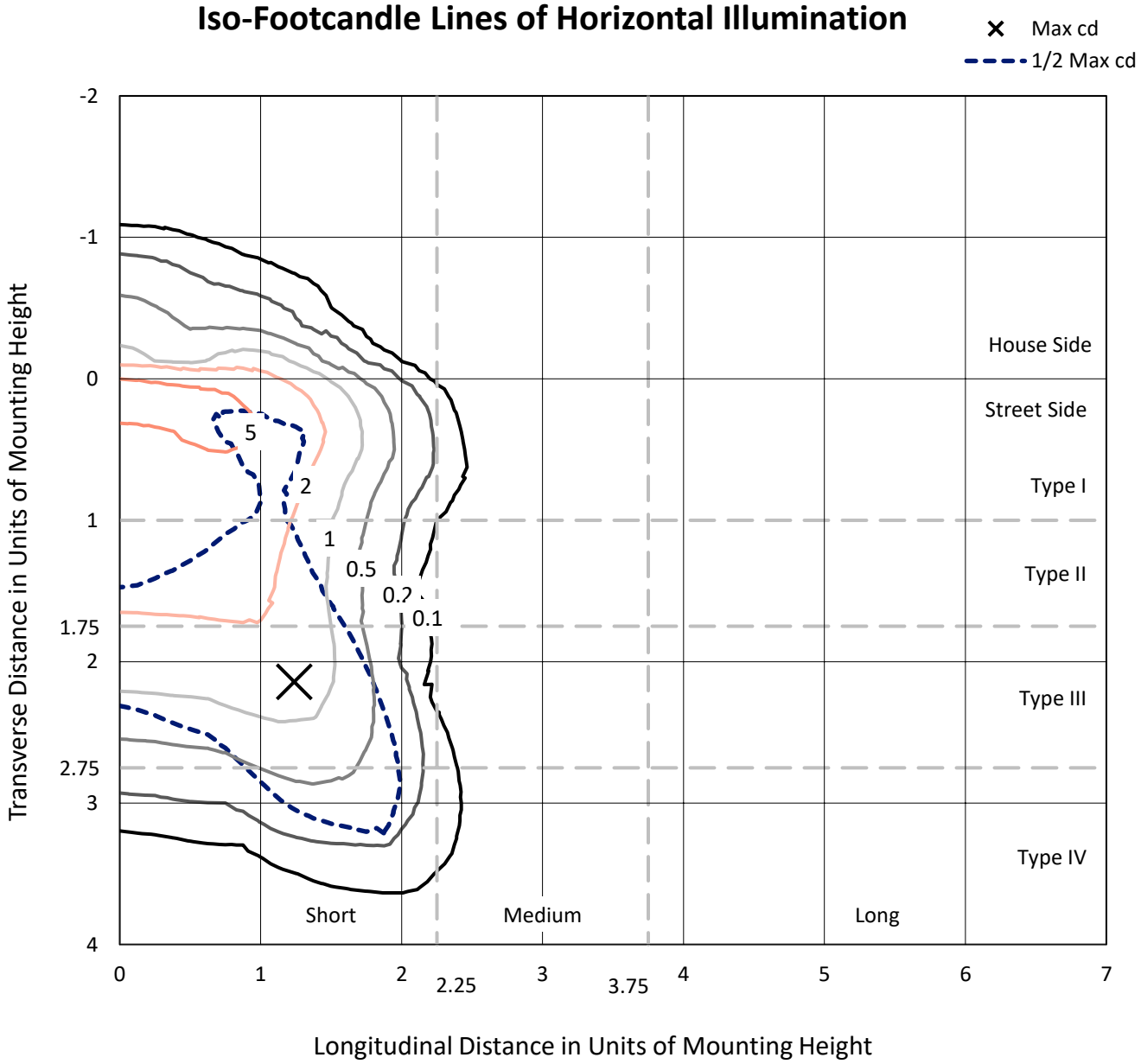
REPORT NUMBER: P1459011
CATALOG NUMBER: GLAN-SB5A-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.6 fc
Type IV - Short - N/A

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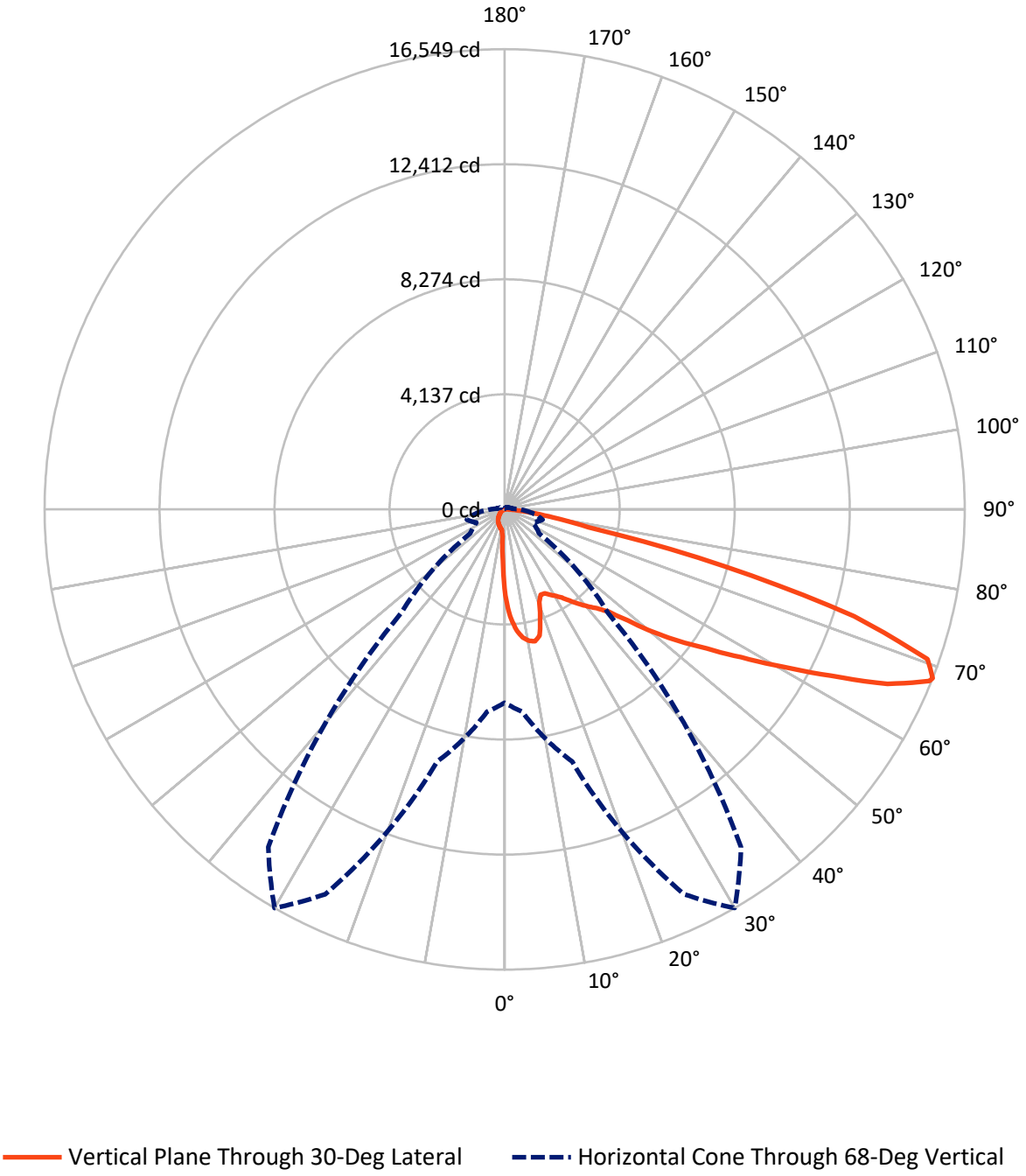
Luminous Intensity Polar Plot



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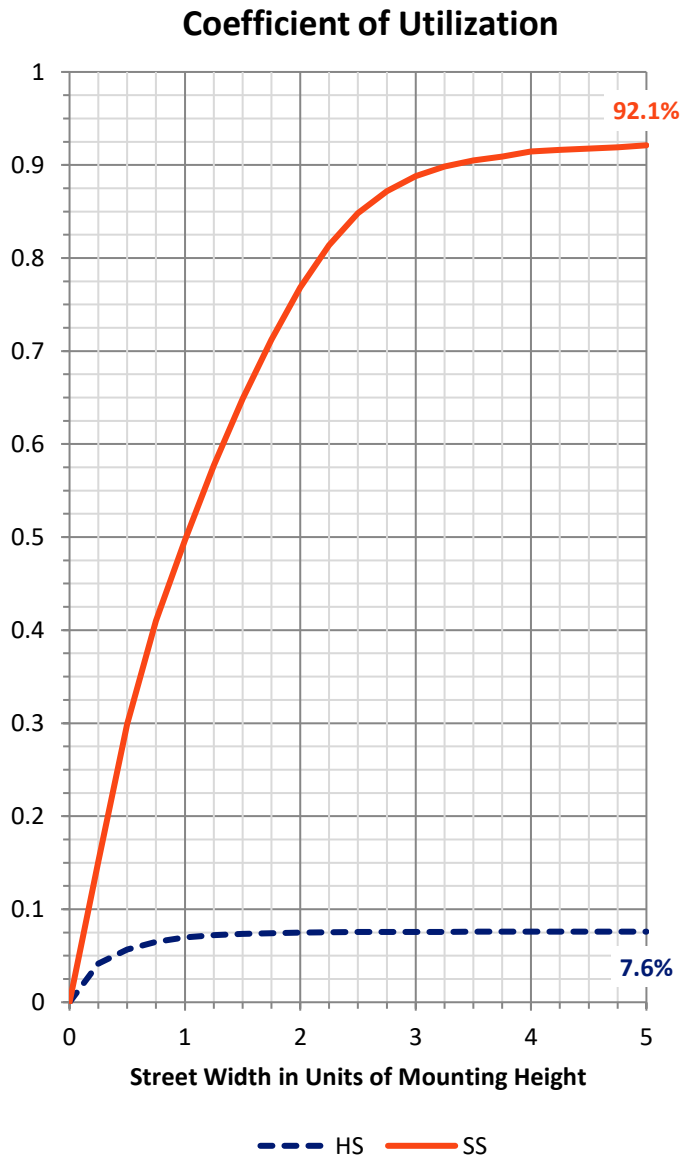
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1199.4	0.0	1199.4
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	14515.4	0.0	14515.4
	% Fixture	92.4	0.0	92.4
Total	Lumens	15714.8	0.0	15714.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	267.4	1.7
10°-20°	763.4	4.9
20°-30°	1199.6	7.6
30°-40°	1881.5	12.0
40°-50°	2812.3	17.9
50°-60°	3741.3	23.8
60°-70°	3616.6	23.0
70°-80°	1300.0	8.3
80°-90°	132.7	0.8
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°	15714.8	100.0
0°-180°	15714.8	100.0



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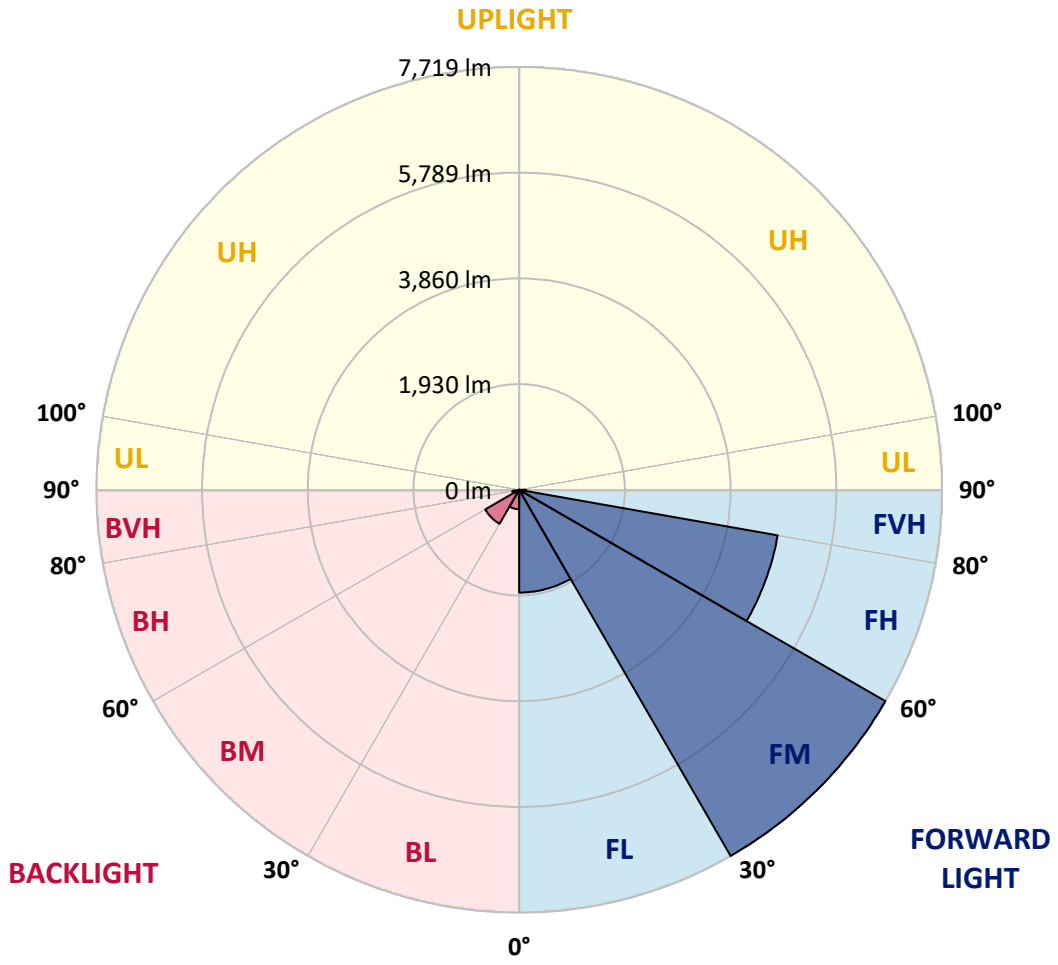
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1876.3	11.9			
FM	(30°-60°)	7719.1	49.1			
FH	(60°-80°)	4791.9	30.5			G2/5000
FVH	(80°-90°)	128.0	0.8			G2/225
BL	(0°-30°)	354.0	2.3	B1/500		
BM	(30°-60°)	715.9	4.6	B1/1000		
BH	(60°-80°)	124.7	0.8	B1/500		G1/500
BVH	(80°-90°)	4.7	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 IV Short



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REPORT NUMBER: P1459011
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	3098.8	3098.8	3098.8	3098.8	*3098.8*	3098.8	3098.8	3098.8	3098.8	3098.8	3098.8
2.5°	3960.6	3960.6	3932.3	3894.7	*3852.3*	3838.2	3758.1	3645.1	3527.3	3390.8	3193.0
5°	4469.2	4464.5	4408.0	4408.0	*4351.5*	4299.7	4219.6	4054.8	3866.4	3621.5	3277.7
7.5°	4695.3	4704.7	4681.1	4681.1	*4648.2*	4610.5	4563.4	4403.3	4181.9	3852.3	3362.5
10°	4775.3	4780.0	4780.0	4813.0	*4803.6*	4798.9	4794.2	4704.7	4473.9	4087.8	3452.0
12.5°	4582.2	4605.8	4671.7	4817.7	*4864.8*	4916.6	4987.2	4959.0	4798.9	4384.4	3588.6
15°	3960.6	3965.3	4149.0	4511.6	*4704.7*	4902.5	5175.6	5232.1	5128.5	4704.7	3729.8
17.5°	3268.3	3282.4	3428.4	3833.4	*4144.3*	4601.1	5283.9	5514.7	5477.0	5020.2	3861.7
20°	2981.0	2999.9	3070.5	3324.8	*3560.3*	3984.1	5175.6	5783.1	5797.3	5335.7	3984.1
22.5°	2915.1	2929.2	2985.8	3183.5	*3329.5*	3612.1	4808.3	5995.1	6159.9	5698.4	4130.1
25°	2896.3	2910.4	2995.2	3211.8	*3348.4*	3583.8	4473.9	6108.1	6588.4	6075.1	4271.4
27.5°	2882.1	2901.0	3037.6	3315.4	*3475.5*	3701.6	4412.7	6131.6	6998.2	6475.4	4502.2
30°	2901.0	2929.2	3108.2	3423.7	*3607.4*	3861.7	4558.7	6155.2	7450.3	6932.2	4794.2
32.5°	2976.3	2999.9	3216.5	3569.7	*3781.6*	4068.9	4808.3	6296.5	7878.8	7398.5	5072.0
35°	3061.1	3094.1	3353.1	3776.9	*4031.2*	4356.2	5147.4	6574.3	8288.5	7841.1	5359.3
37.5°	3164.7	3202.4	3513.2	4012.4	*4304.4*	4671.7	5514.7	6960.5	8651.1	8203.8	5646.6
40°	3306.0	3348.4	3696.9	4262.0	*4577.5*	4944.9	5877.3	7341.9	8929.0	8420.4	5834.9
42.5°	3861.7	3918.2	4064.2	4506.9	*4860.1*	5236.8	6235.2	7704.6	9032.6	8491.0	5872.6
45°	4897.8	4954.3	4916.6	5001.4	*5236.8*	5590.0	6626.1	8053.1	9046.7	8472.2	5853.8
47.5°	5938.5	6004.5	5971.5	5924.4	*5976.2*	6145.8	7064.1	8274.4	8971.4	8462.8	5853.8
50°	6932.2	6894.5	6899.3	6885.1	*6932.2*	7021.7	7487.9	8316.8	8952.5	8552.3	5905.6
52.5°	7464.4	7483.2	7601.0	7775.2	*7878.8*	7968.3	7973.0	8382.7	8816.0	8401.6	5844.4
55°	7987.1	8024.8	8297.9	8594.6	*8825.4*	8994.9	8458.1	8340.3	8001.3	7897.6	5524.1
57.5°	8575.8	8627.6	9013.8	9626.0	*10031.0*	10120.5	8938.4	7549.2	6772.1	7177.1	4902.5
60°	9385.8	9447.0	9960.4	10878.7	*11481.5*	11297.8	8976.1	6291.7	5378.1	5957.4	4045.4
62.5°	10021.6	10144.0	11071.8	12503.4	*13167.5*	12583.5	8274.4	4822.4	3758.1	4186.6	2952.8
65°	9343.4	9578.9	11090.6	14363.6	*15131.3*	14095.2	7172.4	3291.9	2119.2	2707.9	1888.5
67.5°	7553.9	7883.5	9847.3	15267.8	*16478.2*	14891.1	5646.6	1747.2	1215.0	1572.9	993.7
68°	*6951.1*	*7309.0*	*9390.5*	*15267.8*	*16548.8*	*14820.4*	*5241.6*	*1511.7*	*1120.8*	*1412.8*	*861.8*
70°	4803.6	5057.9	7219.5	14410.7	*16134.4*	13511.2	3452.0	866.5	843.0	970.1	569.8
72.5°	2354.7	2627.8	3861.7	11420.3	*13143.9*	10384.2	1572.9	574.5	640.5	711.1	447.4
75°	937.2	993.7	1521.1	5632.4	*8213.2*	6626.1	824.1	433.3	551.0	555.7	353.2
77.5°	536.9	569.8	843.0	2072.1	*3079.9*	2962.2	532.2	310.8	438.0	400.3	230.8
80°	301.4	306.1	475.6	1092.6	*1761.3*	1577.6	362.6	226.1	334.4	282.6	155.4
82.5°	150.7	169.5	301.4	602.8	*979.6*	1003.1	193.1	160.1	268.4	202.5	127.2
85°	108.3	117.7	216.6	334.4	*452.1*	678.2	117.7	80.1	202.5	136.6	89.5
87.5°	56.5	70.6	136.6	164.8	*183.7*	230.8	56.5	37.7	113.0	80.1	47.1
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: P1459011
CATALOG NUMBER: GLAN-SB5A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3098.8	3098.8	3098.8	3098.8	3098.8	3098.8	3098.8	3098.8	3098.8	3098.8	3098.8
2.5°	3098.8	2990.5	2769.1	2510.1	2307.6	2100.4	1930.8	1770.7	1695.4	1686.0	1704.8
5°	3084.7	2849.2	2345.3	1850.8	1445.8	1163.2	1007.8	927.7	885.4	866.5	871.2
7.5°	3056.4	2698.5	1893.2	1252.7	937.2	814.7	777.0	762.9	758.2	758.2	758.2
10°	3028.1	2496.0	1450.5	918.3	767.6	734.7	725.2	725.2	720.5	720.5	725.2
12.5°	3014.0	2307.6	1125.5	767.6	715.8	701.7	692.3	687.6	687.6	687.6	692.3
15°	2981.0	2100.4	908.9	711.1	682.9	664.0	659.3	654.6	654.6	654.6	654.6
17.5°	2952.8	1897.9	791.2	673.4	649.9	631.1	626.3	621.6	621.6	626.3	626.3
20°	2910.4	1704.8	711.1	635.8	616.9	598.1	593.4	588.7	593.4	593.4	593.4
22.5°	2858.6	1544.7	664.0	607.5	584.0	565.1	565.1	565.1	565.1	565.1	569.8
25°	2825.6	1431.7	631.1	574.5	551.0	536.9	532.2	532.2	541.6	541.6	546.3
27.5°	2877.4	1403.4	635.8	565.1	522.7	508.6	503.9	503.9	513.3	518.0	522.7
30°	3032.8	1455.2	692.3	593.4	503.9	480.4	475.6	475.6	489.8	494.5	499.2
32.5°	3211.8	1563.5	777.0	631.1	489.8	452.1	442.7	442.7	456.8	461.5	466.2
35°	3456.7	1733.1	890.1	664.0	499.2	423.8	405.0	405.0	414.4	423.8	428.6
37.5°	3772.2	2010.9	1021.9	687.6	499.2	390.9	367.3	362.6	372.0	372.0	376.8
40°	4101.9	2373.5	1158.5	687.6	475.6	357.9	334.4	320.2	324.9	320.2	324.9
42.5°	4285.5	2665.5	1276.2	645.2	447.4	324.9	301.4	282.6	277.9	268.4	273.1
45°	4389.2	2797.4	1243.3	598.1	419.1	301.4	273.1	249.6	240.2	226.1	226.1
47.5°	4389.2	2811.5	1064.3	560.4	390.9	282.6	244.9	221.3	207.2	193.1	197.8
50°	4337.3	2684.4	843.0	522.7	357.9	263.7	221.3	202.5	183.7	174.2	174.2
52.5°	4120.7	2269.9	645.2	475.6	320.2	240.2	197.8	179.0	160.1	155.4	155.4
55°	3748.7	1667.1	522.7	428.6	287.3	221.3	179.0	164.8	146.0	136.6	136.6
57.5°	3047.0	1139.7	433.3	386.2	254.3	197.8	160.1	146.0	122.4	113.0	113.0
60°	2260.5	744.1	367.3	339.1	216.6	179.0	141.3	122.4	103.6	94.2	89.5
62.5°	1525.8	503.9	306.1	268.4	183.7	155.4	122.4	103.6	80.1	61.2	61.2
65°	951.3	390.9	254.3	211.9	160.1	136.6	103.6	80.1	56.5	42.4	37.7
67.5°	546.3	315.5	207.2	164.8	136.6	108.3	80.1	65.9	47.1	33.0	28.3
68°	*503.9*	*301.4*	*193.1*	*155.4*	*127.2*	*103.6*	*75.4*	*61.2*	*42.4*	*28.3*	*28.3*
70°	409.7	268.4	164.8	127.2	108.3	84.8	65.9	51.8	33.0	18.8	18.8
72.5°	362.6	226.1	141.3	98.9	75.4	70.6	51.8	37.7	23.5	14.1	9.4
75°	296.7	179.0	113.0	75.4	51.8	51.8	37.7	23.5	9.4	0.0	0.0
77.5°	193.1	131.9	89.5	47.1	28.3	33.0	23.5	9.4	0.0	0.0	0.0
80°	127.2	98.9	61.2	23.5	14.1	14.1	4.7	0.0	0.0	0.0	0.0
82.5°	89.5	65.9	37.7	9.4	4.7	4.7	0.0	0.0	0.0	0.0	0.0
85°	56.5	28.3	14.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.5	9.4	4.7	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

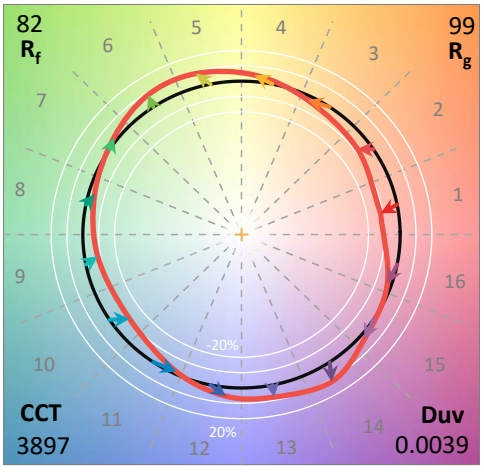
Test Information

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

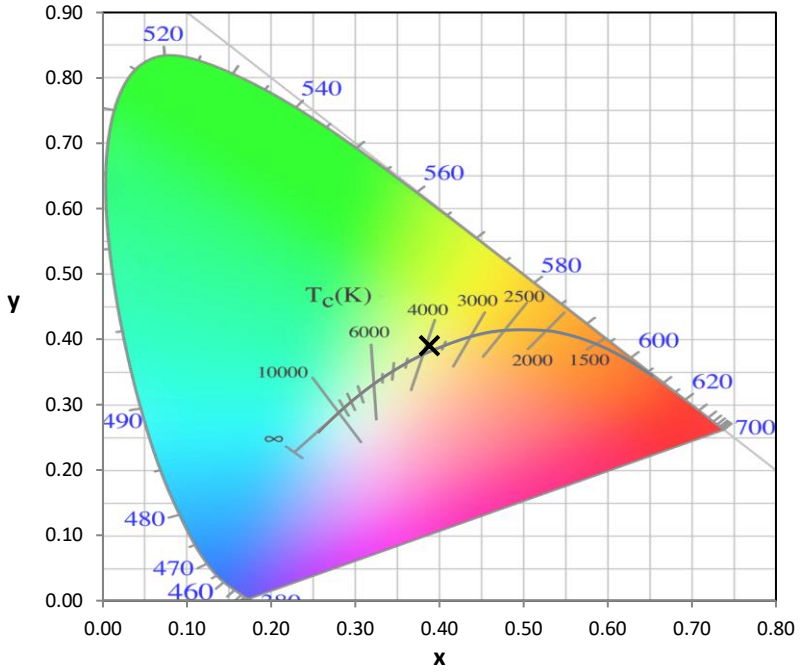
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

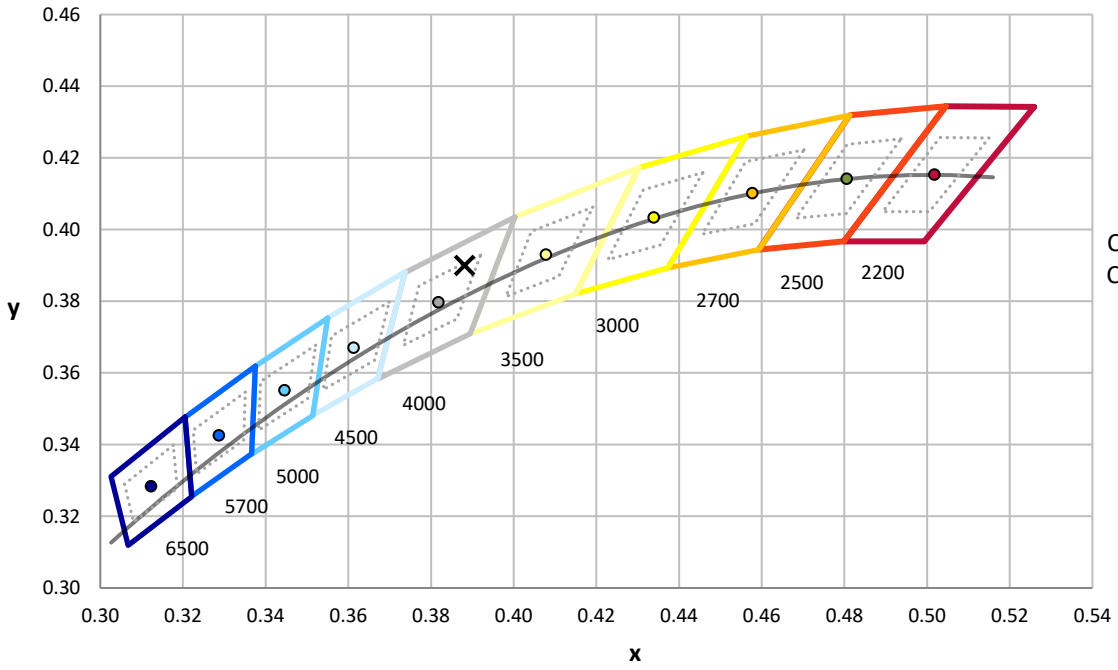
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

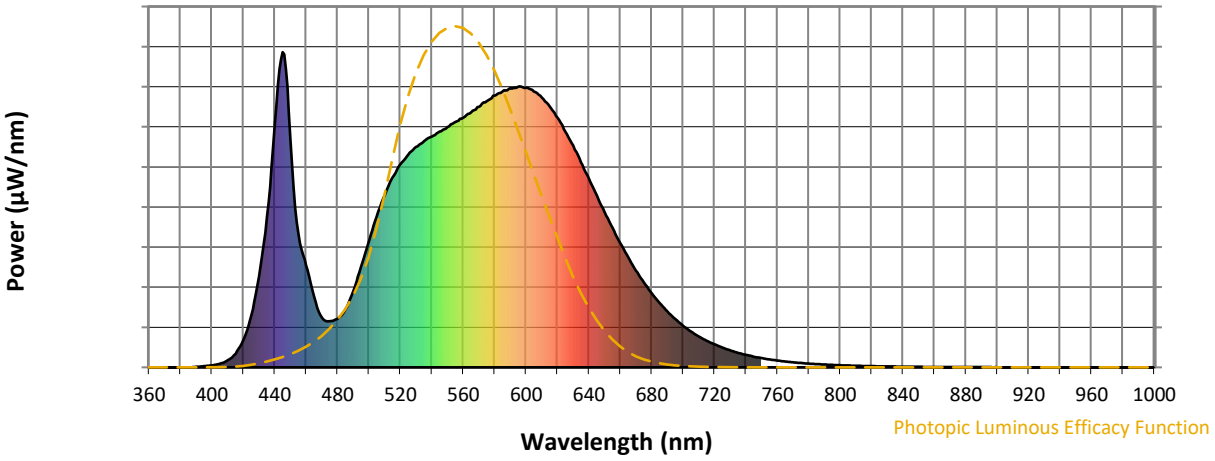


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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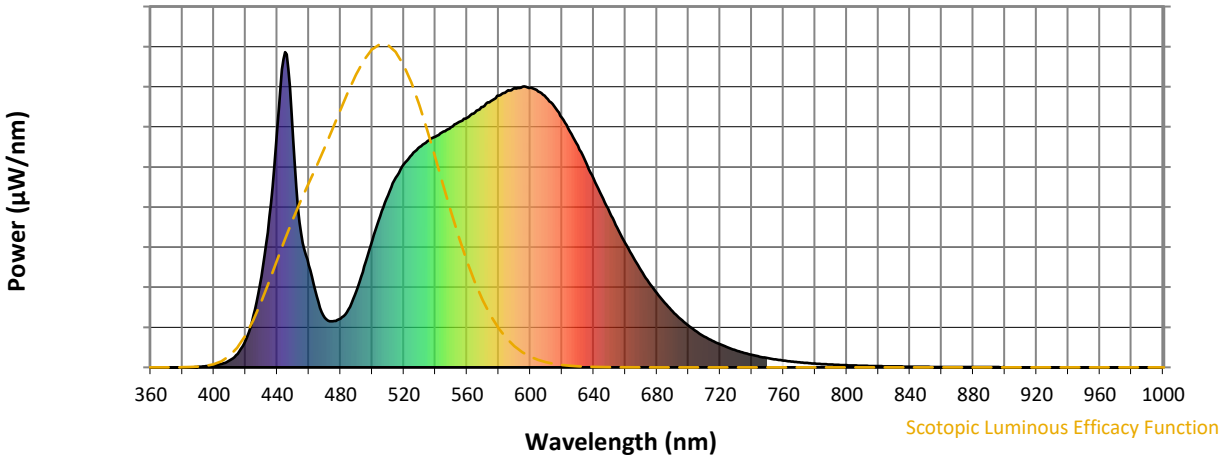
Scotopic Flux vs. Wavelength



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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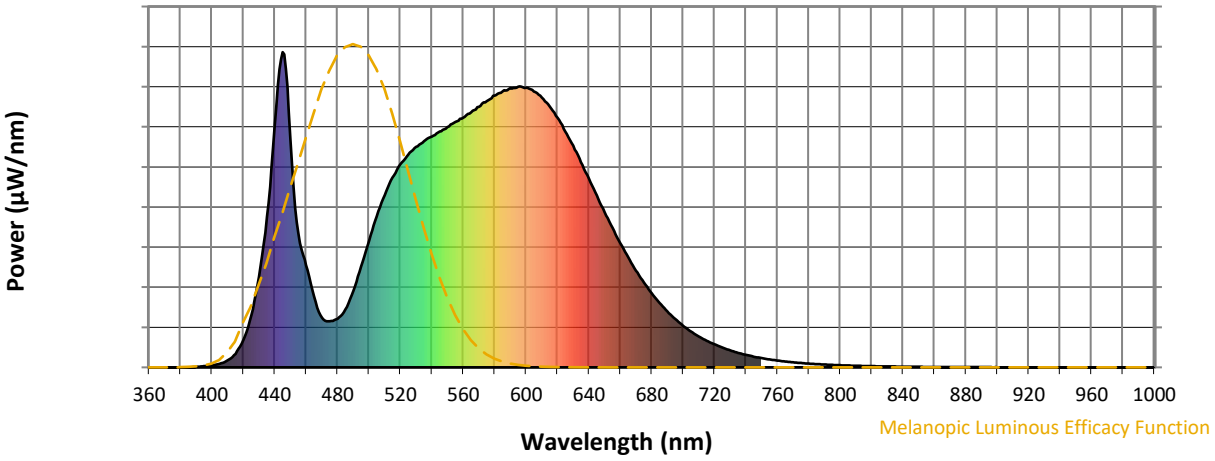
Melanopic Flux vs. Wavelength



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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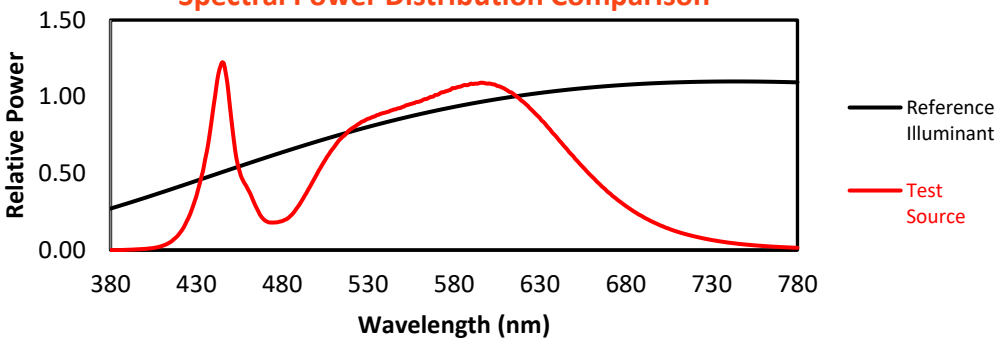
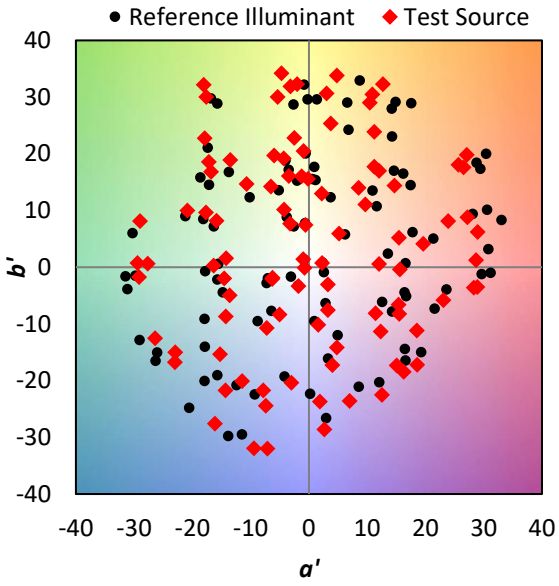
Summary

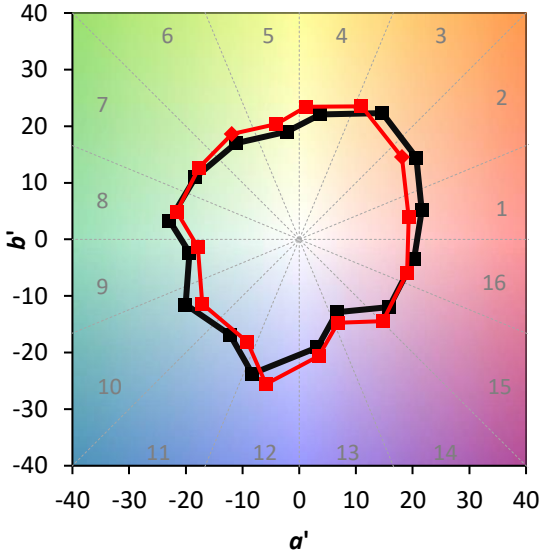
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

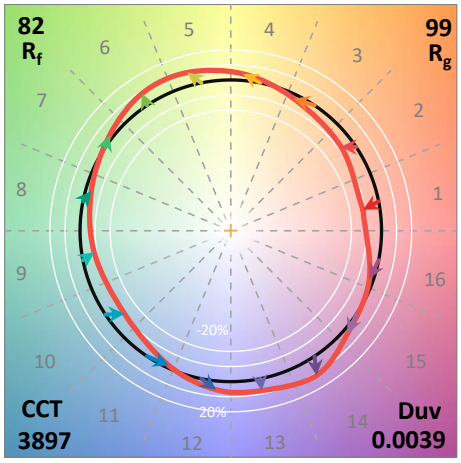
Spectral Power Distribution Comparison

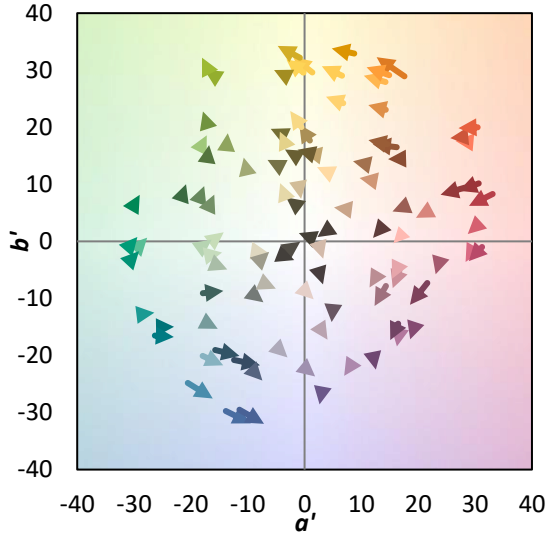


Color Vector Graphics









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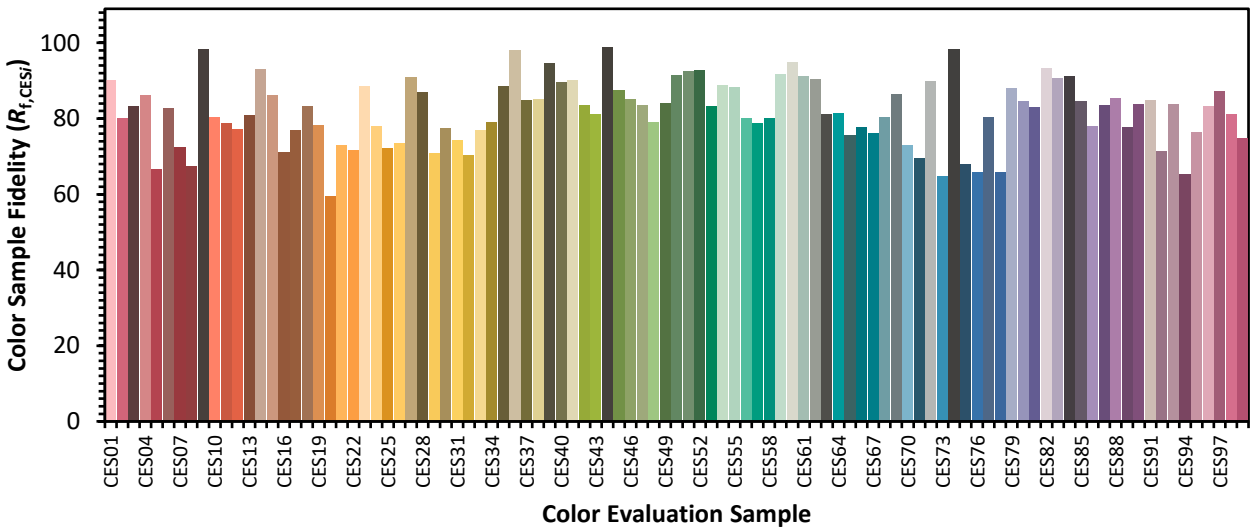
Individual Sample Fidelity Index ($R_{f,i}$)

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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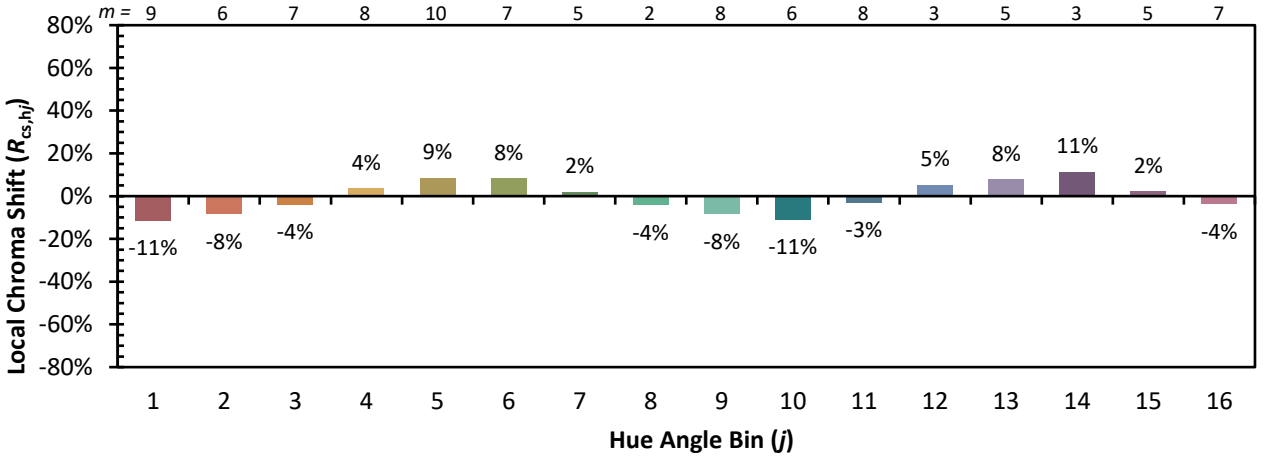
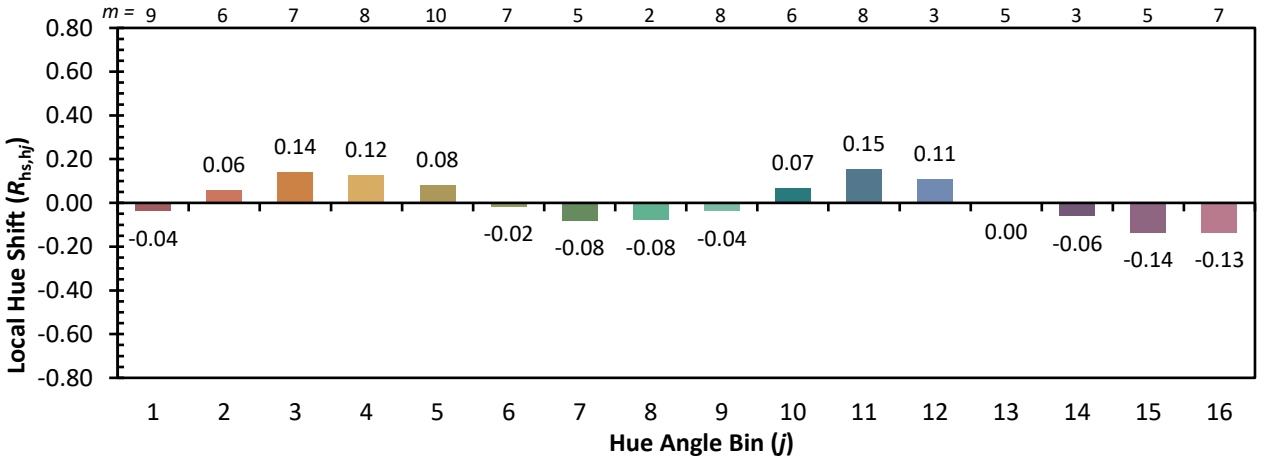
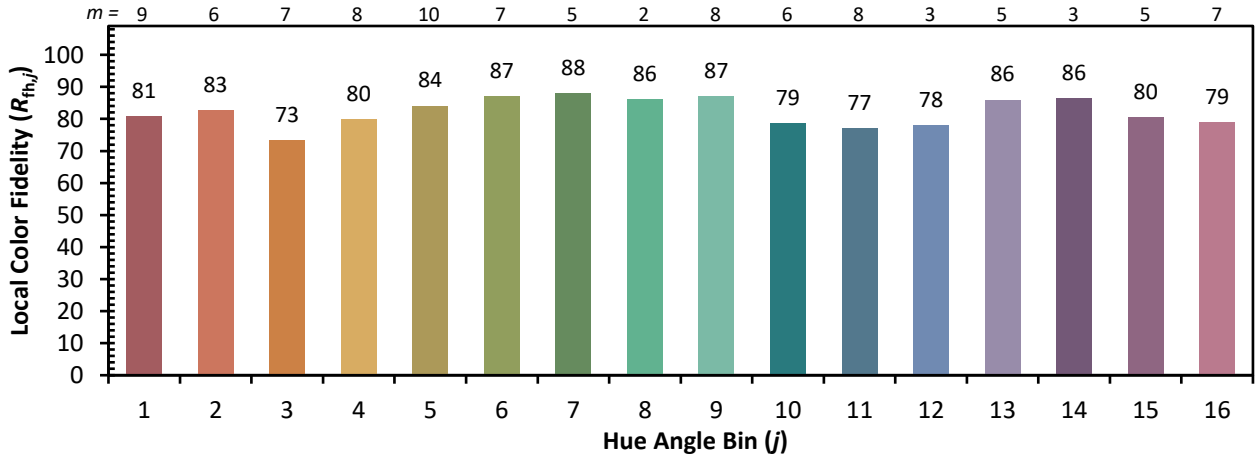
Color Rendition by Hue-Angle Bin







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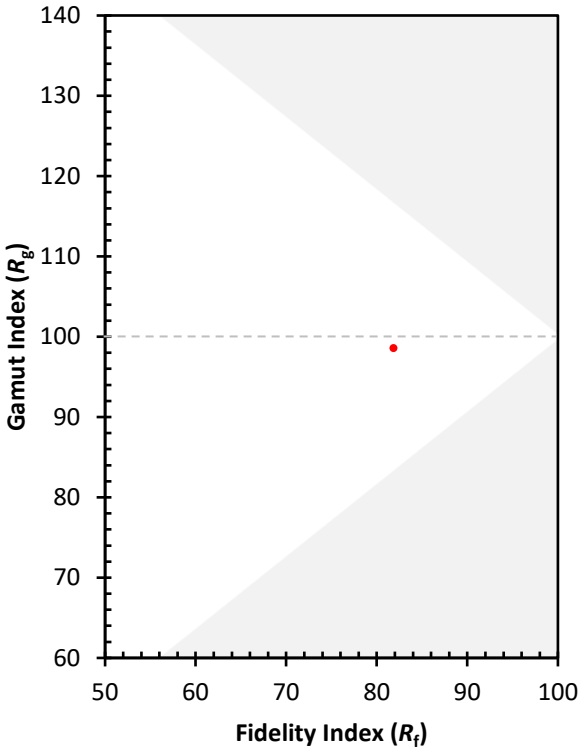
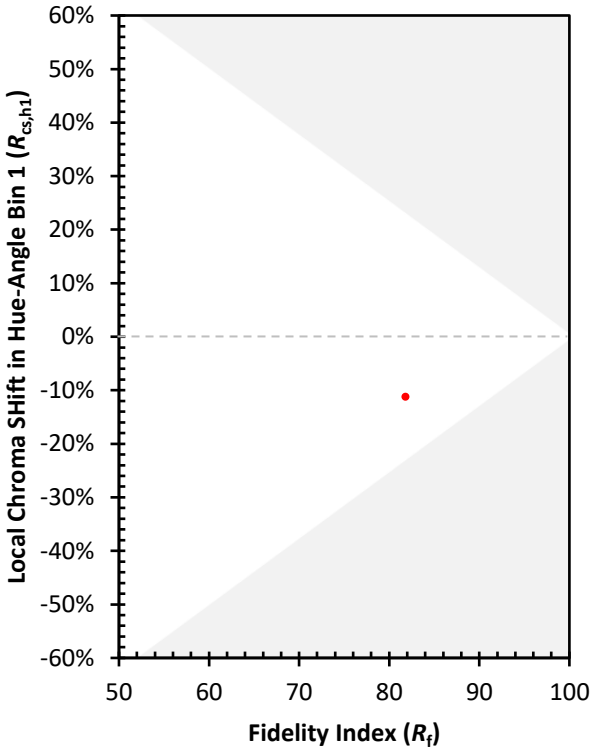
Measure Comparisons





(END OF REPORT)