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: P1457850

Luminaire Tested: GLAN-SB2D-840-U-T2LG-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:	P1457850
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB2D-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 2xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14098.3 lumens
Efficiency:	N/A
Efficacy:	95.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	147.6
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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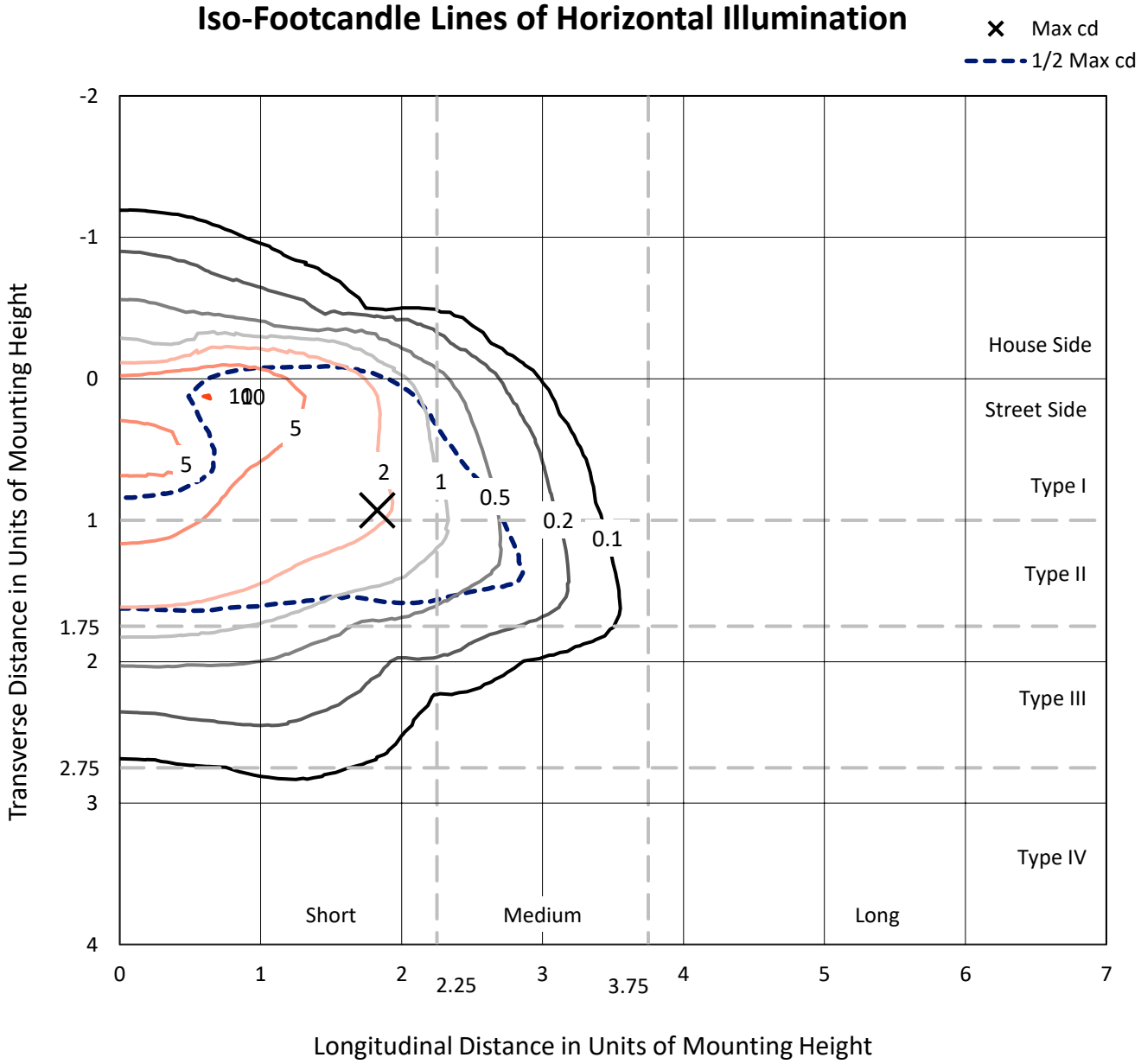
REPORT NUMBER: P1457850
CATALOG NUMBER: GLAN-SB2D-840-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 10.1 fc
Type II - Short - N/A

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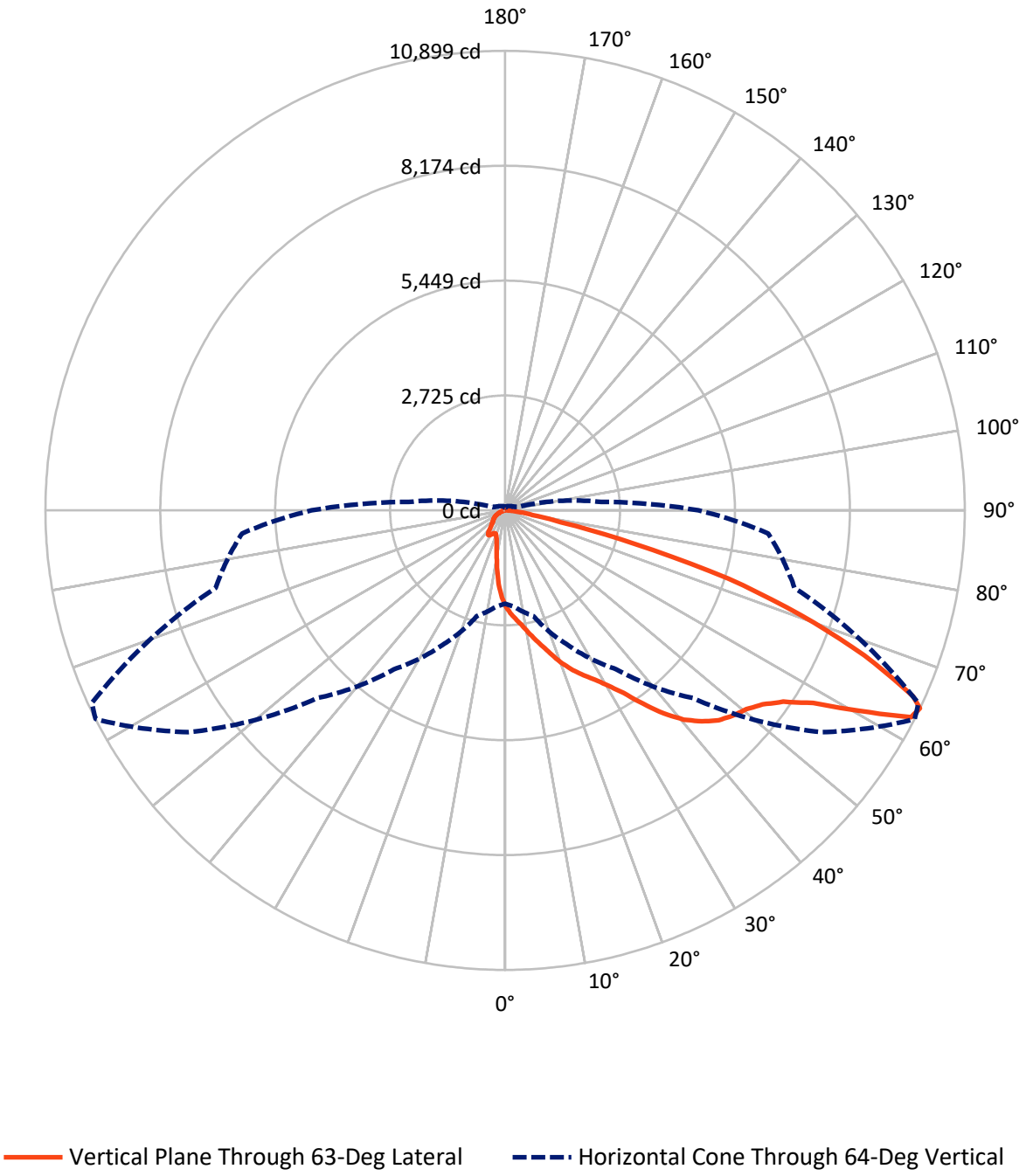
Luminous Intensity Polar Plot



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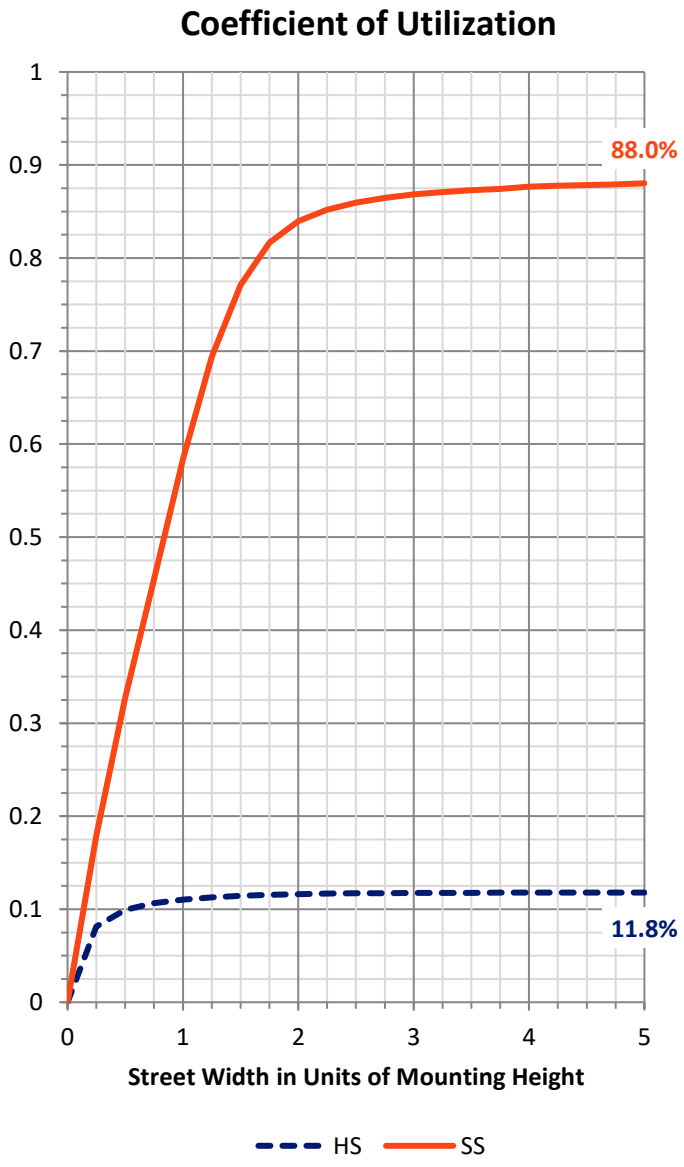
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1673.0	0.0	1673.0
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	12425.3	0.0	12425.3
	% Fixture	88.1	0.0	88.1
Total	Lumens	14098.3	0.0	14098.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.0	1.4
10°-20°	539.4	3.8
20°-30°	960.7	6.8
30°-40°	1835.0	13.0
40°-50°	3041.6	21.6
50°-60°	3791.4	26.9
60°-70°	2827.1	20.1
70°-80°	810.8	5.8
80°-90°	100.3	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°	14098.3	100.0
0°-180°	14098.3	100.0



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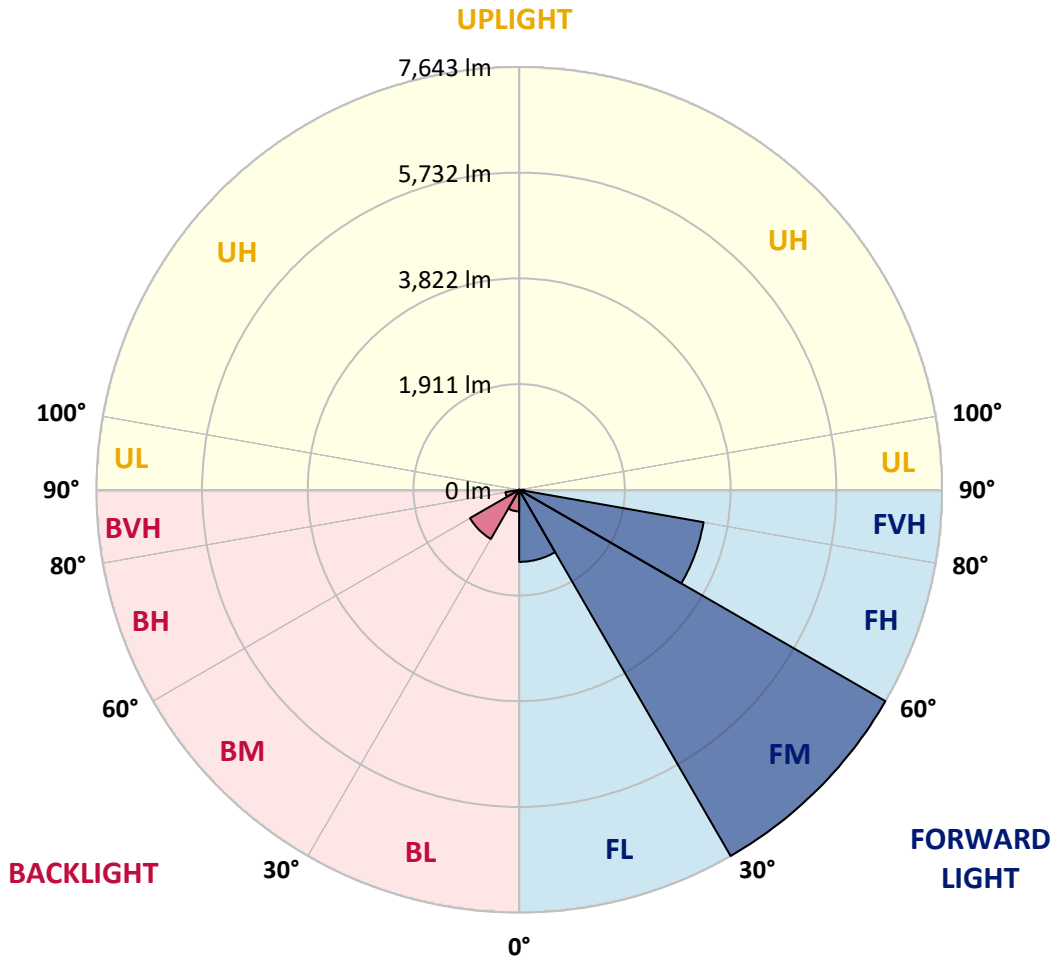
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1301.8	9.2			
FM	(30°-60°)	7643.3	54.2			
FH	(60°-80°)	3384.9	24.0			G2/5000
FVH	(80°-90°)	95.3	0.7			G1/100
BL	(0°-30°)	390.3	2.8	B1/500		
BM	(30°-60°)	1024.7	7.3	B2/2500		
BH	(60°-80°)	253.0	1.8	B1/500		G1/500
BVH	(80°-90°)	4.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type II Short



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REPORT NUMBER: P1457850
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	*2279.5*	2279.5	2279.5	2279.5
2.5°	2554.4	2546.0	2537.5	2524.8	2507.9	2491.0	2469.8	*2440.2*	2427.5	2385.3	2334.5
5°	2685.5	2685.5	2681.3	2672.8	2664.4	2647.5	2622.1	*2584.0*	2567.1	2507.9	2419.1
7.5°	2719.4	2723.6	2736.3	2753.2	2778.6	2774.3	2774.3	*2732.0*	2723.6	2660.1	2541.7
10°	2660.1	2664.4	2698.2	2744.7	2820.9	2892.8	2943.5	*2918.1*	2905.4	2842.0	2694.0
12.5°	2575.6	2575.6	2630.5	2702.4	2820.9	2956.2	3104.2	*3129.6*	3133.8	3061.9	2884.3
15°	2355.6	2364.1	2452.9	2596.7	2791.3	3002.7	3252.2	*3349.5*	3374.9	3328.4	3116.9
17.5°	2063.8	2072.3	2161.1	2355.6	2647.5	3002.7	3379.1	*3603.3*	3637.1	3645.5	3412.9
20°	1941.2	1941.2	1991.9	2140.0	2444.5	2922.4	3455.2	*3873.9*	3950.0	4043.1	3738.6
22.5°	1958.1	1958.1	1987.7	2072.3	2317.6	2812.4	3501.8	*4115.0*	4271.5	4508.3	4157.3
25°	2051.1	2051.1	2076.5	2131.5	2330.3	2795.5	3590.6	*4330.7*	4580.2	5028.5	4635.2
27.5°	2199.2	2194.9	2216.1	2271.1	2452.9	2875.8	3738.6	*4546.4*	4825.5	5612.1	5185.0
30°	2414.9	2402.2	2410.6	2474.1	2651.7	3061.9	3954.3	*4821.3*	5104.6	6250.7	5794.0
32.5°	2913.9	2909.7	2787.0	2753.2	2943.5	3362.2	4250.3	*5163.8*	5481.0	6927.4	6419.9
35°	3814.7	3873.9	3700.5	3256.5	3294.5	3764.0	4673.2	*5629.0*	5920.8	7646.3	7100.8
37.5°	4728.2	4728.2	4656.3	4131.9	3865.5	4208.0	5130.0	*6106.9*	6411.4	8225.7	7756.3
40°	5451.4	5489.5	5404.9	5011.6	4664.8	4715.5	5586.7	*6525.6*	6804.7	8581.0	8221.5
42.5°	5988.5	5980.0	5946.2	5688.2	5493.7	5379.5	6001.2	*6838.6*	7105.0	8762.8	8513.3
45°	6567.9	6567.9	6521.4	6309.9	6149.2	6051.9	6309.9	*7100.8*	7379.9	8872.8	8695.2
47.5°	7172.7	7164.2	7117.7	6885.1	6711.7	6567.9	6622.9	*7269.9*	7549.1	8800.9	8724.8
50°	7320.7	7312.2	7418.0	7426.4	7269.9	6995.0	6872.4	*7413.7*	7659.0	8805.1	8817.8
52.5°	7147.3	7198.0	7354.5	7544.8	7722.5	7434.9	7138.8	*7642.1*	7895.9	8923.5	9050.4
55°	6715.9	6737.1	7037.3	7341.8	7756.3	7857.8	7566.0	*8005.8*	8230.0	9037.7	9257.7
57.5°	5912.4	5992.7	6314.2	6842.8	7472.9	7895.9	8310.3	*8614.8*	8784.0	9084.3	9143.5
60°	4461.8	4504.1	5201.9	5887.0	6885.1	7591.4	9003.9	*9646.7*	9625.6	8559.8	8344.2
62.5°	2715.1	2753.2	3252.2	4339.1	5595.2	6957.0	9236.5	*10801.3*	10687.1	7675.9	7024.7
64°	*2211.9*	*2283.8*	*2592.5*	*3522.9*	*4601.3*	*6293.0*	*9168.8*	*10898.6*	*10809.8*	*7105.0*	*6259.2*
65°	1890.4	1987.7	2304.9	3057.7	3912.0	5578.3	8982.8	*10627.9*	10568.7	6758.2	5624.8
67.5°	1188.4	1234.9	1704.4	2376.8	2694.0	3569.4	7722.5	*9190.0*	9295.7	6022.3	4148.8
70°	883.9	905.0	1171.5	1839.7	2101.9	2076.5	5303.4	*7443.3*	7468.7	4817.0	2503.7
72.5°	642.8	647.1	820.5	1361.8	1645.1	1416.8	2795.5	*5531.8*	5349.9	2820.9	1366.0
75°	427.1	444.1	575.2	960.0	1281.4	1040.4	1273.0	*3150.7*	3095.8	1378.7	782.4
77.5°	313.0	317.2	389.1	642.8	1006.5	765.5	769.7	*1357.6*	1399.9	820.5	494.8
80°	177.6	186.1	253.8	393.3	655.5	524.4	431.4	*655.5*	752.8	558.3	329.9
82.5°	105.7	114.2	181.9	258.0	448.3	215.7	219.9	*359.5*	448.3	401.8	177.6
85°	63.4	67.7	114.2	139.6	266.4	143.8	80.4	*177.6*	232.6	236.8	97.3
87.5°	42.3	42.3	63.4	59.2	76.1	67.7	33.8	*46.5*	59.2	80.4	38.1
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: P1457850
CATALOG NUMBER: GLAN-SB2D-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5	2279.5
2.5°	2292.2	2266.8	2190.7	2089.2	1996.2	1924.3	1835.5	1776.3	1721.3	1721.3	1674.8
5°	2347.2	2279.5	2093.4	1860.8	1611.3	1374.5	1222.2	1053.1	998.1	951.6	960.0
7.5°	2440.2	2317.6	1987.7	1569.0	1171.5	917.7	748.6	672.4	638.6	617.5	621.7
10°	2554.4	2385.3	1860.8	1273.0	862.8	672.4	592.1	562.5	549.8	545.6	545.6
12.5°	2710.9	2465.6	1734.0	1023.5	680.9	579.4	537.1	520.2	507.5	499.0	499.0
15°	2897.0	2567.1	1585.9	841.6	596.3	532.9	499.0	482.1	465.2	461.0	461.0
17.5°	3133.8	2672.8	1454.8	723.2	554.0	499.0	465.2	444.1	431.4	427.1	427.1
20°	3396.0	2803.9	1323.7	655.5	524.4	465.2	431.4	414.5	401.8	393.3	397.5
22.5°	3730.1	2968.9	1239.1	621.7	499.0	435.6	401.8	384.9	372.2	363.7	367.9
25°	4098.1	3176.1	1192.6	621.7	482.1	414.5	376.4	359.5	346.8	338.3	338.3
27.5°	4546.4	3408.7	1196.9	647.1	477.9	397.5	355.3	338.3	325.6	313.0	313.0
30°	5041.2	3683.6	1243.4	693.6	486.4	380.6	338.3	313.0	304.5	291.8	291.8
32.5°	5565.6	4000.8	1361.8	752.8	477.9	359.5	313.0	291.8	279.1	270.7	270.7
35°	6119.6	4360.3	1509.8	778.2	435.6	329.9	291.8	270.7	262.2	258.0	253.8
37.5°	6648.3	4673.2	1590.2	727.4	380.6	304.5	266.4	245.3	241.1	232.6	232.6
40°	7058.5	4931.2	1543.6	621.7	351.0	279.1	245.3	224.1	215.7	207.2	207.2
42.5°	7299.5	5024.3	1374.5	528.6	329.9	253.8	224.1	203.0	194.5	190.3	190.3
45°	7439.1	5011.6	1175.7	473.7	308.7	232.6	203.0	190.3	177.6	173.4	169.2
47.5°	7434.9	4880.5	1031.9	427.1	287.6	215.7	190.3	177.6	164.9	160.7	160.7
50°	7405.3	4685.9	871.2	393.3	270.7	203.0	177.6	169.2	156.5	152.3	148.0
52.5°	7477.2	4576.0	727.4	372.2	249.5	194.5	173.4	160.7	143.8	139.6	139.6
55°	7566.0	4512.5	583.6	351.0	232.6	190.3	164.9	152.3	135.3	131.1	131.1
57.5°	7308.0	4271.5	482.1	317.2	211.5	181.9	156.5	148.0	131.1	118.4	118.4
60°	6496.0	3531.4	397.5	279.1	194.5	169.2	148.0	135.3	118.4	101.5	101.5
62.5°	5282.2	2694.0	329.9	236.8	181.9	156.5	135.3	122.6	101.5	80.4	80.4
64°	*4588.6*	*2288.0*	*296.0*	*207.2*	*173.4*	*143.8*	*122.6*	*110.0*	*88.8*	*67.7*	*63.4*
65°	4115.0	2021.5	274.9	194.5	169.2	135.3	118.4	105.7	80.4	63.4	59.2
67.5°	2897.0	1357.6	219.9	160.7	148.0	114.2	101.5	88.8	71.9	55.0	50.8
70°	1687.4	769.7	173.4	135.3	114.2	88.8	84.6	80.4	63.4	42.3	42.3
72.5°	917.7	384.9	131.1	110.0	88.8	63.4	71.9	63.4	50.8	33.8	29.6
75°	562.5	236.8	97.3	80.4	59.2	46.5	55.0	46.5	29.6	21.1	16.9
77.5°	376.4	152.3	71.9	55.0	38.1	29.6	38.1	25.4	12.7	4.2	4.2
80°	232.6	105.7	46.5	33.8	21.1	12.7	8.5	4.2	4.2	0.0	0.0
82.5°	101.5	67.7	25.4	16.9	8.5	4.2	4.2	0.0	0.0	0.0	0.0
85°	55.0	21.1	8.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.9	8.5	4.2	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

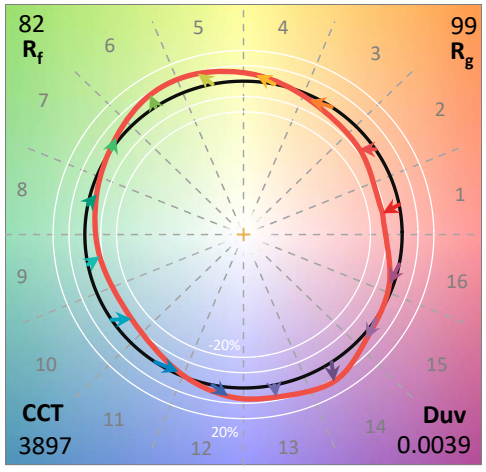
Test Information

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

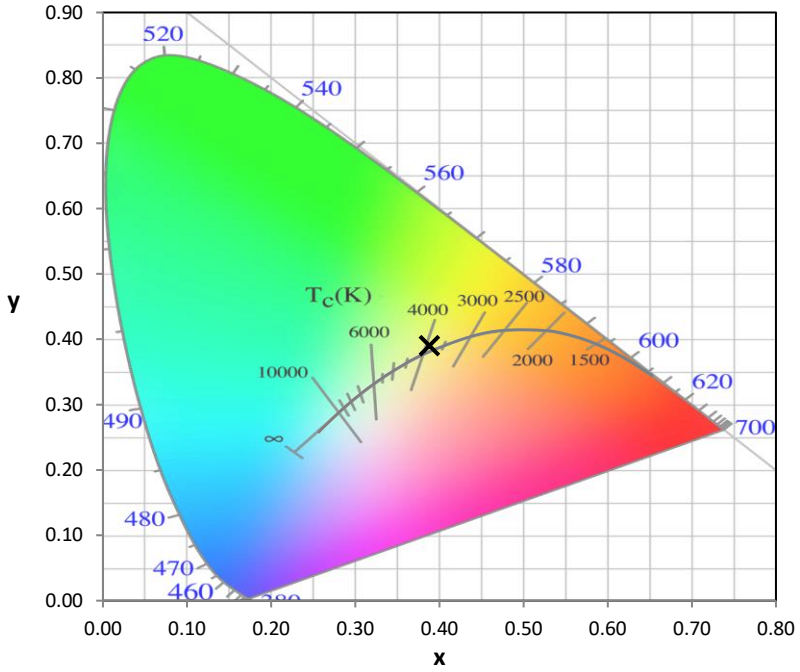
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

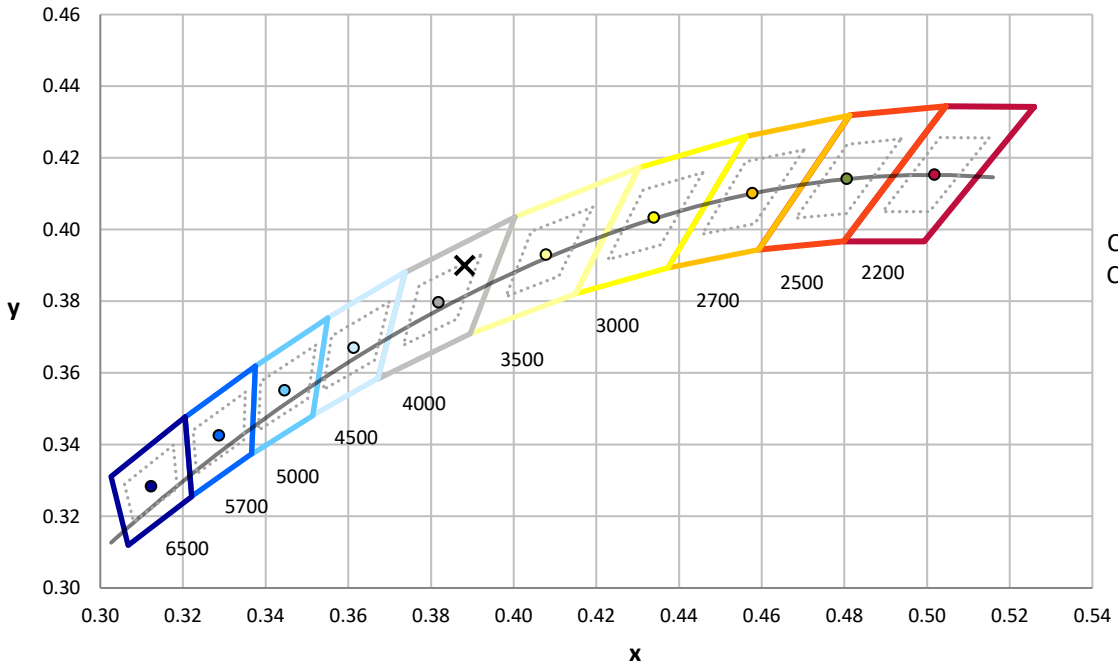
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

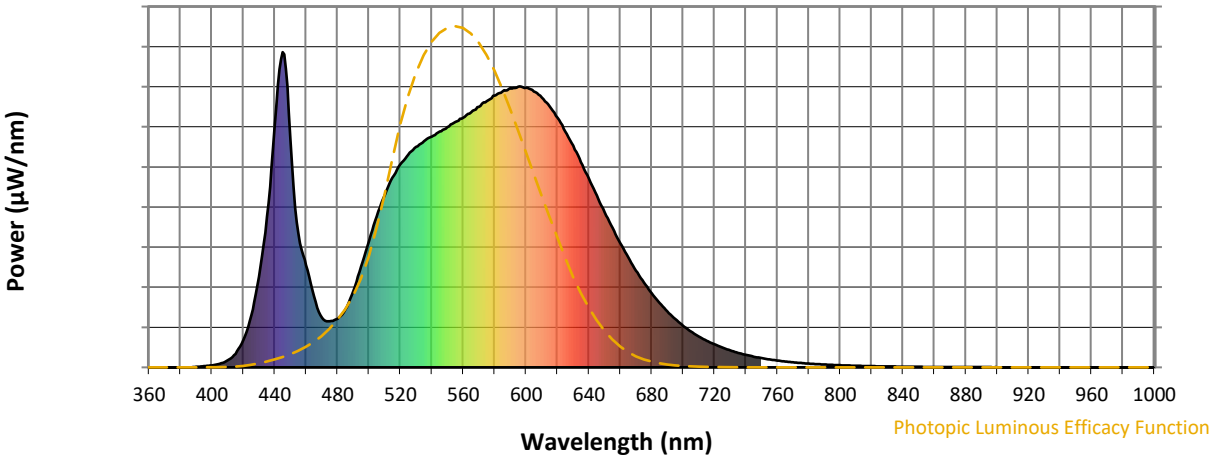


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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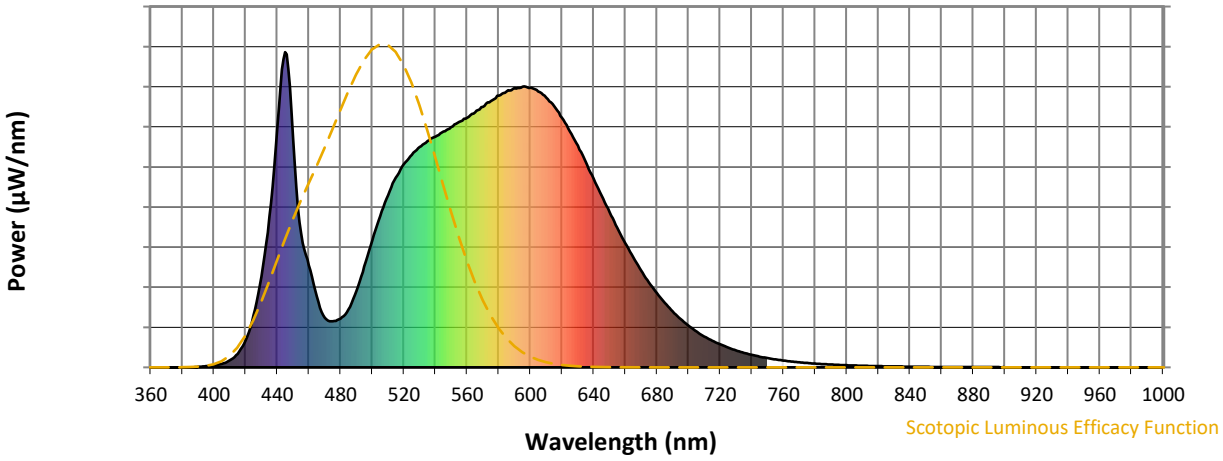
Scotopic Flux vs. Wavelength



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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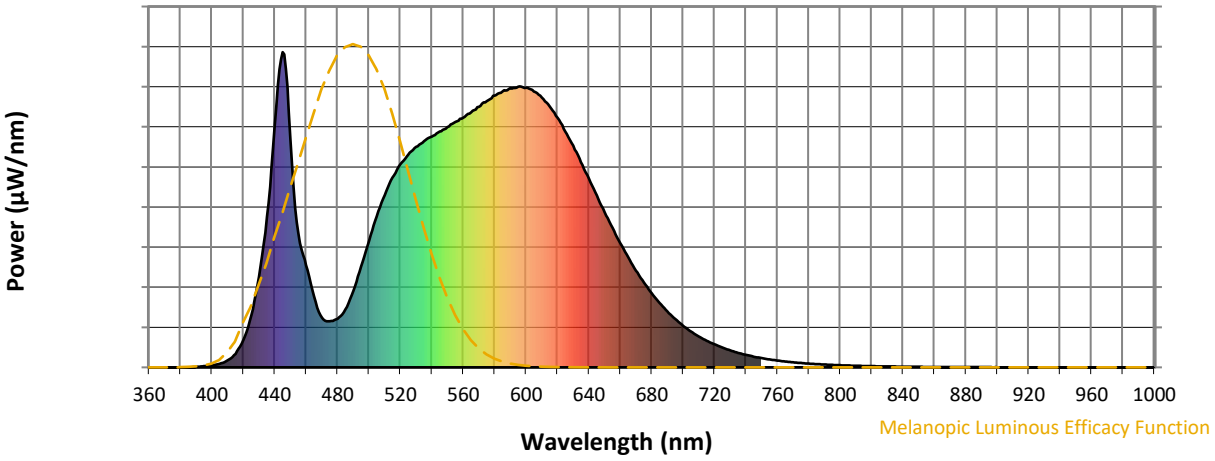
Melanopic Flux vs. Wavelength



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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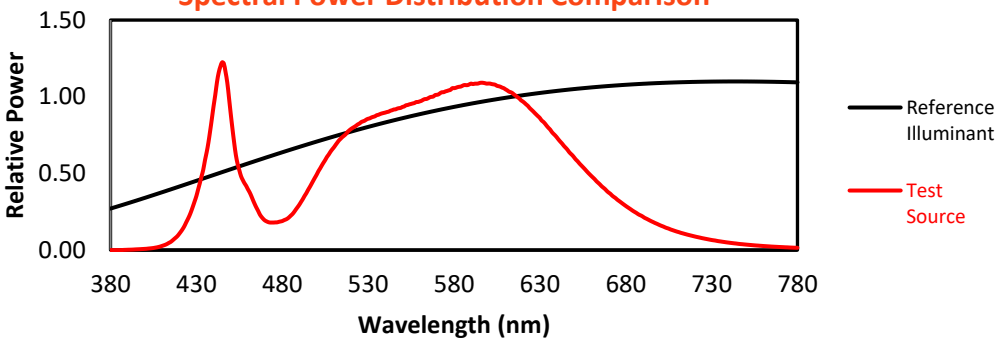
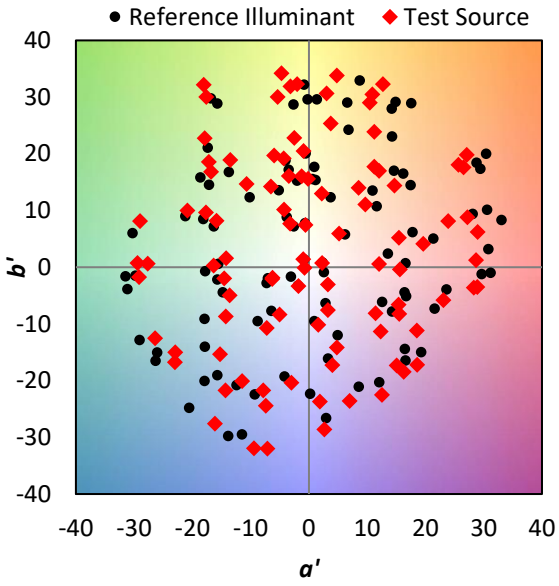
Summary

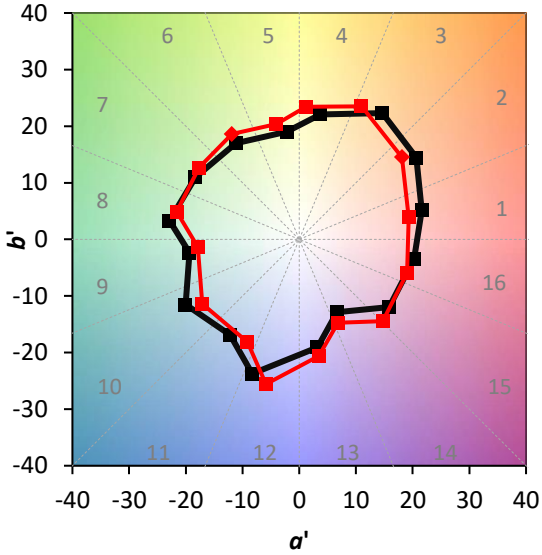
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

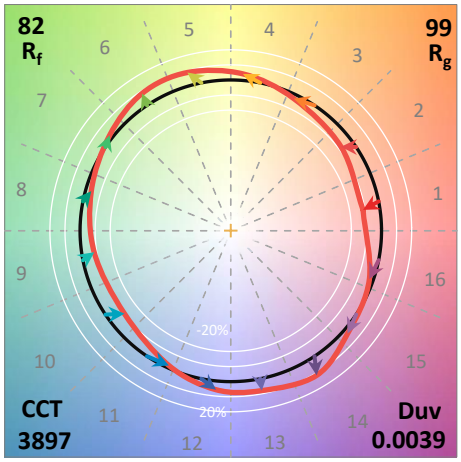
Spectral Power Distribution Comparison

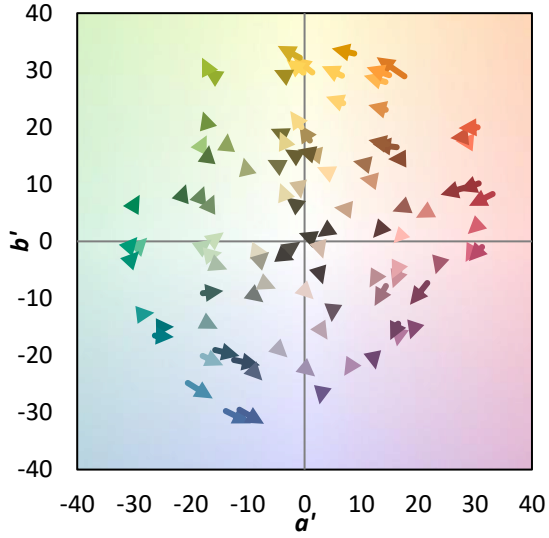


Color Vector Graphics









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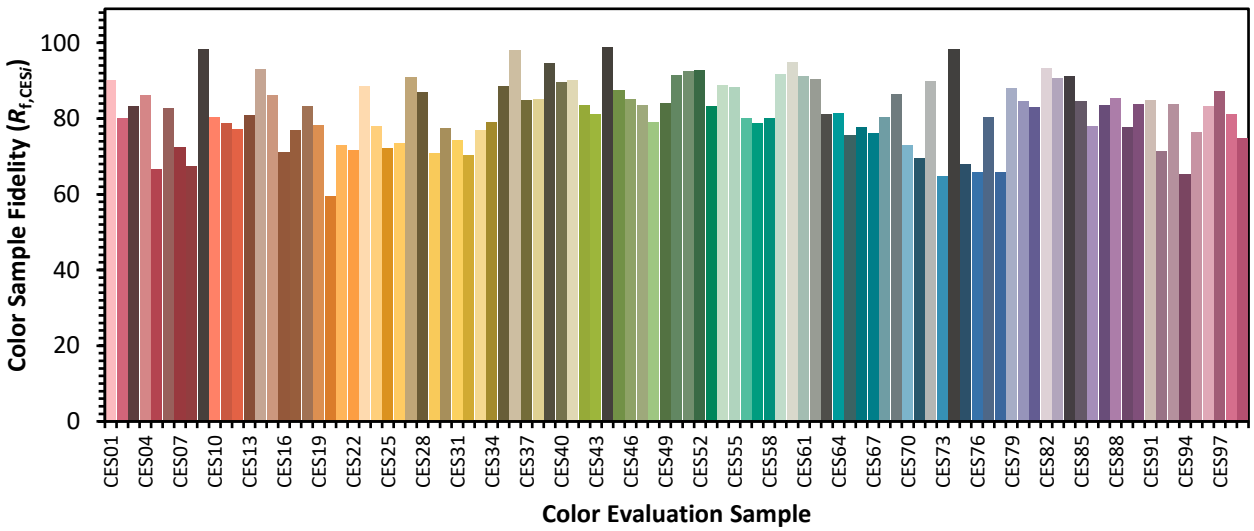
Individual Sample Fidelity Index ($R_{f,i}$)

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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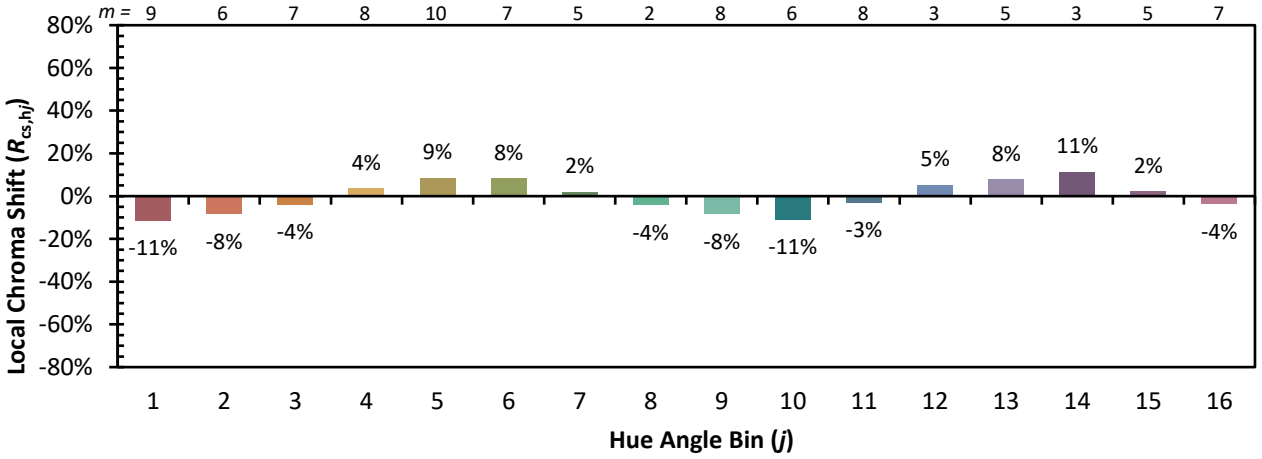
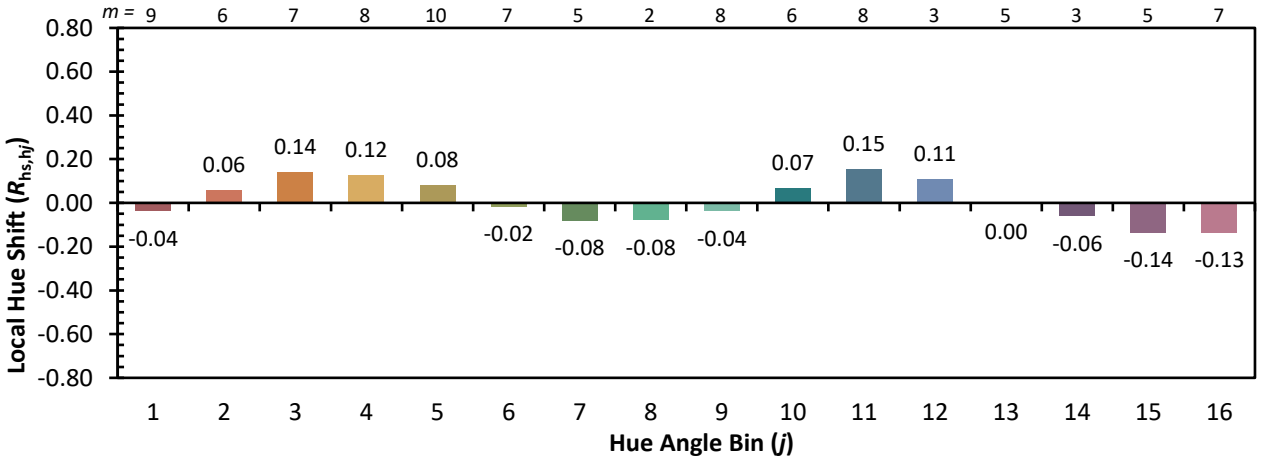
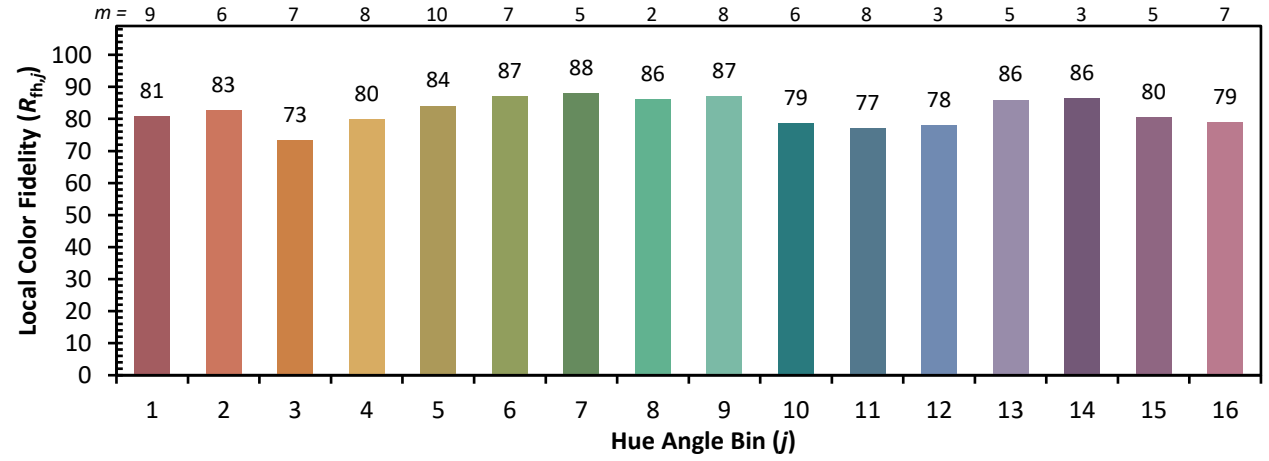
Color Rendition by Hue-Angle Bin







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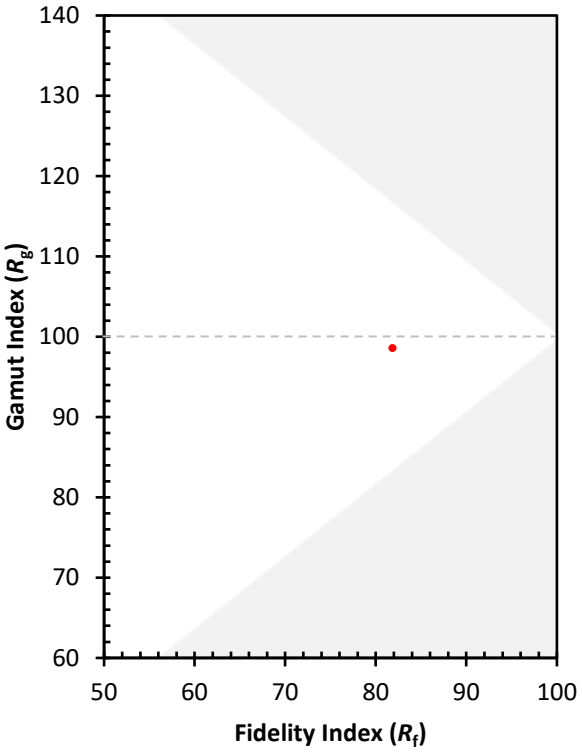
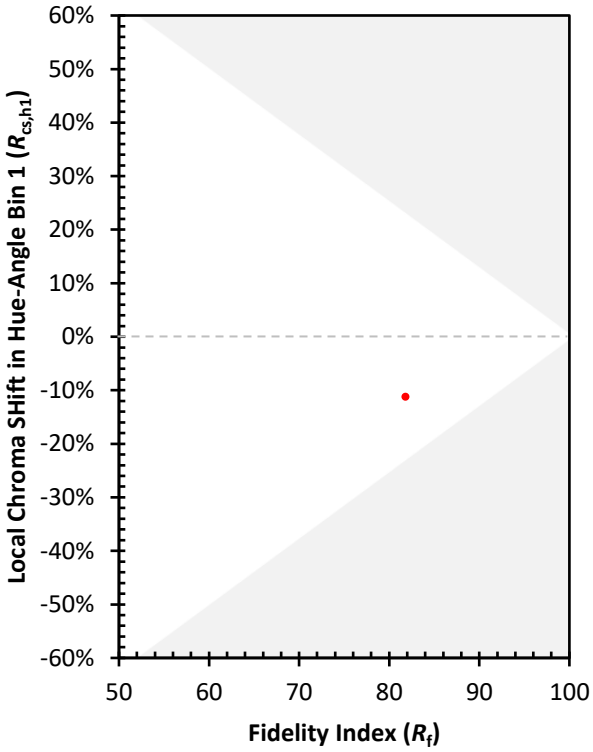
Measure Comparisons





(END OF REPORT)