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: P1459004

Luminaire Tested: GLAN-SB3B-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:	P1459004
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3B-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11716.9 lumens
Efficiency:	N/A
Efficacy:	107.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	109.2
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: P1459004
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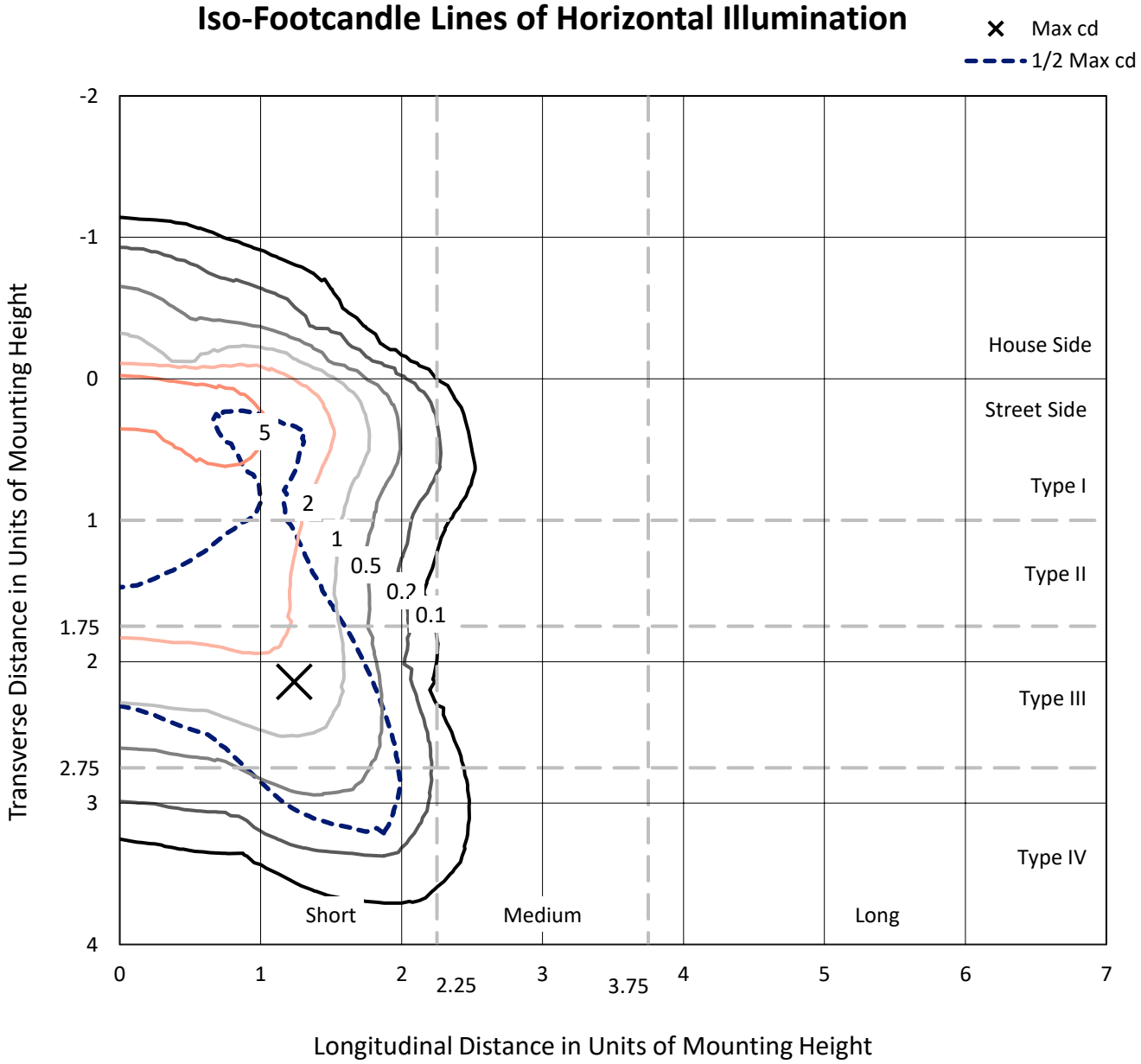
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.8 fc
Type IV - Short - N/A

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REPORT NUMBER: P1459004
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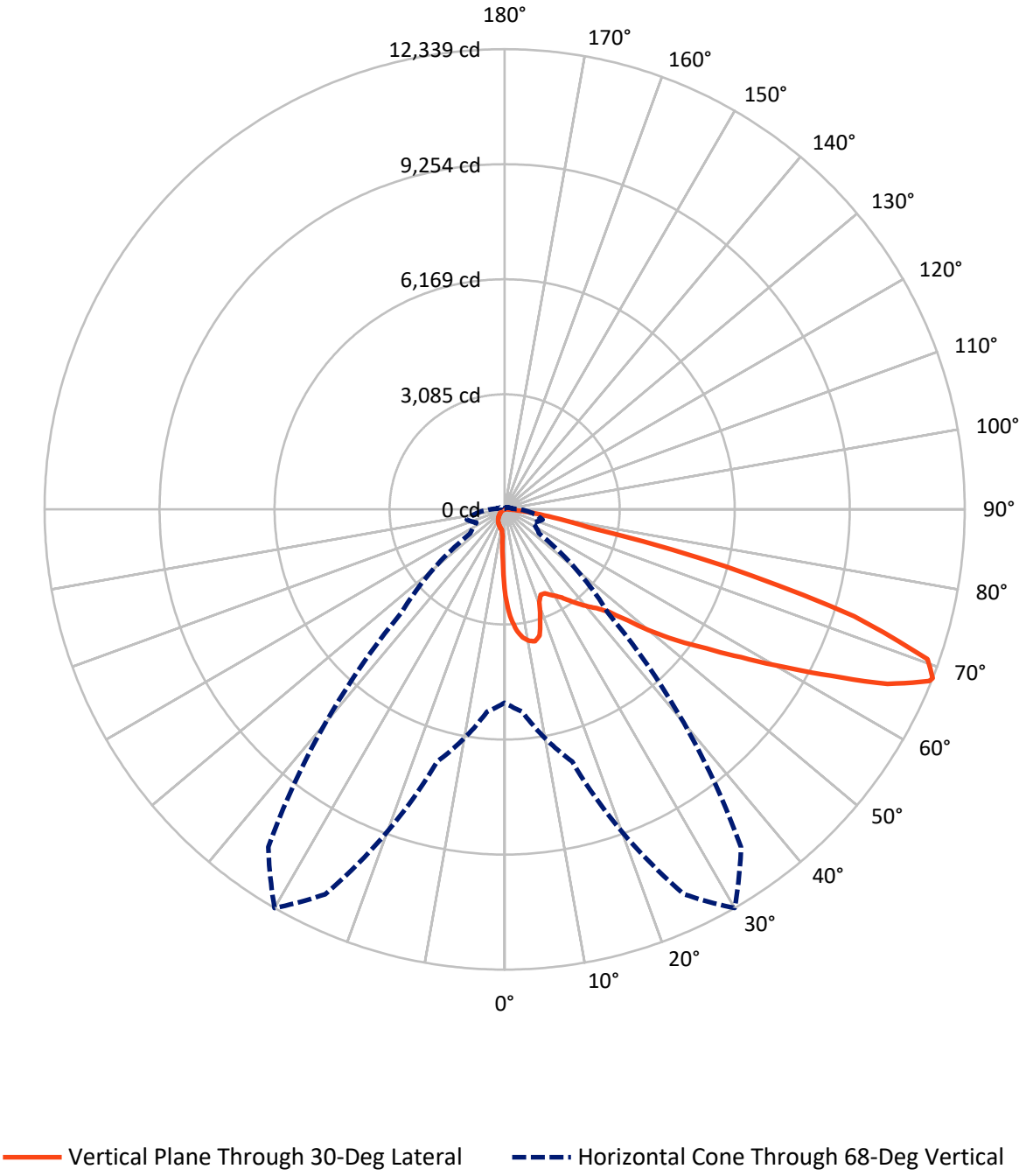
Luminous Intensity Polar Plot



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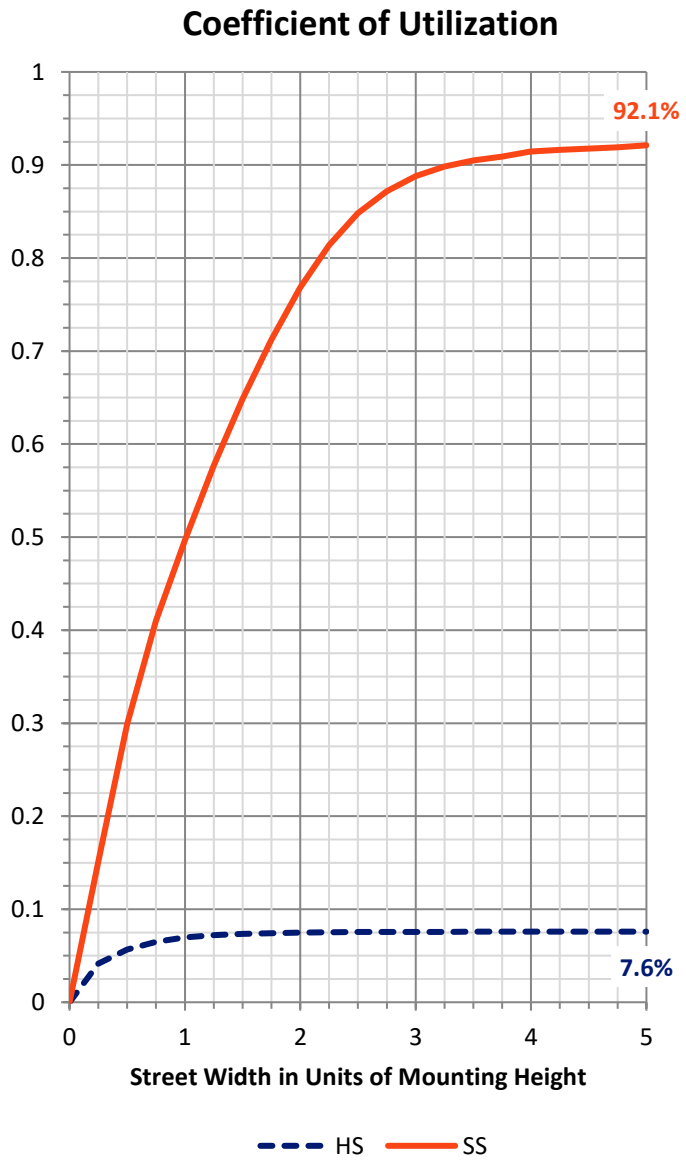
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	894.3	0.0	894.3
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	10822.6	0.0	10822.6
	% Fixture	92.4	0.0	92.4
Total	Lumens	11716.9	0.0	11716.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.4	1.7
10°-20°	569.2	4.9
20°-30°	894.4	7.6
30°-40°	1402.8	12.0
40°-50°	2096.8	17.9
50°-60°	2789.5	23.8
60°-70°	2696.6	23.0
70°-80°	969.3	8.3
80°-90°	98.9	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°	11716.9	100.0
0°-180°	11716.9	100.0



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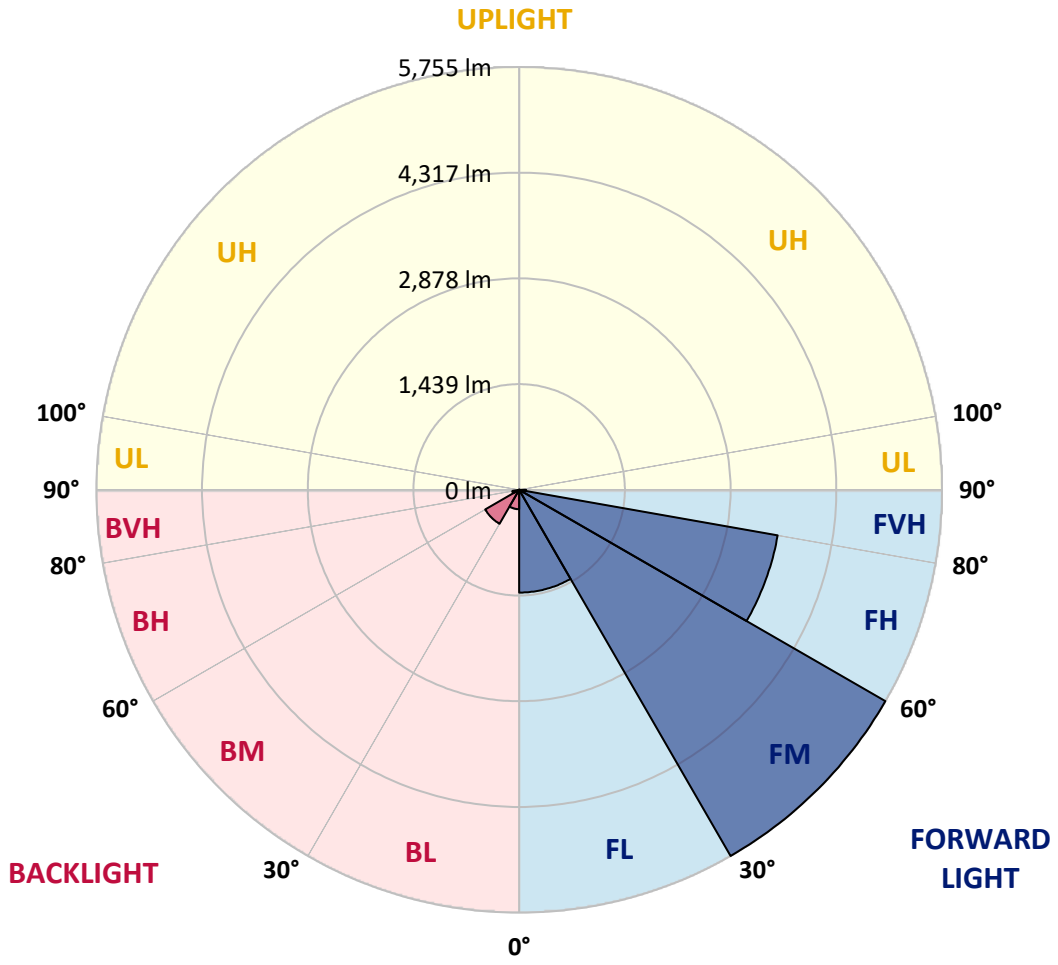
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1399.0	11.9			
FM	(30°-60°)	5755.4	49.1			
FH	(60°-80°)	3572.9	30.5			G2/5000
FVH	(80°-90°)	95.4	0.8			G1/100
BL	(0°-30°)	264.0	2.3	B1/500		
BM	(30°-60°)	533.8	4.6	B1/1000		
BH	(60°-80°)	93.0	0.8	B0/110		G0/110
BVH	(80°-90°)	3.5	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 IV Short



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REPORT NUMBER: P1459004
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2310.4	2310.4	2310.4	2310.4	*2310.4*	2310.4	2310.4	2310.4	2310.4	2310.4	2310.4
2.5°	2953.0	2953.0	2931.9	2903.9	*2872.3*	2861.7	2802.0	2717.8	2630.0	2528.1	2380.7
5°	3332.2	3328.7	3286.6	3286.6	*3244.5*	3205.8	3146.1	3023.2	2882.8	2700.2	2443.9
7.5°	3500.8	3507.8	3490.2	3490.2	*3465.7*	3437.6	3402.5	3283.1	3118.0	2872.3	2507.1
10°	3560.5	3564.0	3564.0	3588.6	*3581.5*	3578.0	3574.5	3507.8	3335.7	3047.8	2573.8
12.5°	3416.5	3434.1	3483.2	3592.1	*3627.2*	3665.8	3718.5	3697.4	3578.0	3269.0	2675.6
15°	2953.0	2956.5	3093.5	3363.8	*3507.8*	3655.3	3858.9	3901.1	3823.8	3507.8	2781.0
17.5°	2436.8	2447.4	2556.2	2858.2	*3090.0*	3430.6	3939.7	4111.7	4083.7	3743.1	2879.3
20°	2222.7	2236.7	2289.4	2479.0	*2654.6*	2970.6	3858.9	4311.9	4322.4	3978.3	2970.6
22.5°	2173.5	2184.0	2226.2	2373.6	*2482.5*	2693.2	3585.0	4469.9	4592.8	4248.7	3079.4
25°	2159.5	2170.0	2233.2	2394.7	*2496.5*	2672.1	3335.7	4554.2	4912.3	4529.6	3184.8
27.5°	2148.9	2163.0	2264.8	2472.0	*2591.3*	2759.9	3290.1	4571.7	5217.8	4828.1	3356.8
30°	2163.0	2184.0	2317.5	2552.7	*2689.7*	2879.3	3398.9	4589.3	5554.9	5168.6	3574.5
32.5°	2219.1	2236.7	2398.2	2661.6	*2819.6*	3033.8	3585.0	4694.6	5874.4	5516.3	3781.7
35°	2282.4	2306.9	2500.1	2816.1	*3005.7*	3248.0	3837.9	4901.8	6179.9	5846.3	3995.9
37.5°	2359.6	2387.7	2619.4	2991.6	*3209.3*	3483.2	4111.7	5189.7	6450.3	6116.7	4210.1
40°	2464.9	2496.5	2756.4	3177.7	*3413.0*	3686.9	4382.1	5474.1	6657.4	6278.2	4350.5
42.5°	2879.3	2921.4	3030.3	3360.3	*3623.7*	3904.6	4649.0	5744.5	6734.7	6330.9	4378.6
45°	3651.8	3693.9	3665.8	3729.0	*3904.6*	4167.9	4940.4	6004.3	6745.2	6316.8	4364.6
47.5°	4427.8	4476.9	4452.3	4417.2	*4455.9*	4582.3	5267.0	6169.4	6689.0	6309.8	4364.6
50°	5168.6	5140.6	5144.1	5133.5	*5168.6*	5235.4	5583.0	6201.0	6675.0	6376.5	4403.2
52.5°	5565.4	5579.5	5667.3	5797.2	*5874.4*	5941.1	5944.6	6250.1	6573.2	6264.2	4357.5
55°	5955.2	5983.3	6186.9	6408.1	*6580.2*	6706.6	6306.3	6218.5	5965.7	5888.5	4118.8
57.5°	6394.1	6432.7	6720.6	7177.1	*7479.1*	7545.8	6664.5	5628.6	5049.3	5351.2	3655.3
60°	6998.0	7043.7	7426.4	8111.1	*8560.6*	8423.6	6692.6	4691.1	4009.9	4441.8	3016.2
62.5°	7472.1	7563.4	8255.1	9322.5	*9817.6*	9382.2	6169.4	3595.6	2802.0	3121.6	2201.6
65°	6966.4	7142.0	8269.1	10709.5	*11281.8*	10509.4	5347.7	2454.4	1580.1	2019.0	1408.0
67.5°	5632.1	5877.9	7342.2	11383.7	*12286.1*	11102.8	4210.1	1302.7	905.9	1172.8	740.9
68°	*5182.7*	*5449.6*	*7001.6*	*11383.7*	*12338.7*	*11050.1*	*3908.1*	*1127.1*	*835.7*	*1053.4*	*642.6*
70°	3581.5	3771.1	5382.8	10744.6	*12029.7*	10073.9	2573.8	646.1	628.5	723.3	424.9
72.5°	1755.7	1959.3	2879.3	8514.9	*9800.1*	7742.4	1172.8	428.4	477.5	530.2	333.6
75°	698.8	740.9	1134.2	4199.5	*6123.7*	4940.4	614.5	323.0	410.8	414.3	263.3
77.5°	400.3	424.9	628.5	1545.0	*2296.4*	2208.6	396.8	231.7	326.6	298.5	172.1
80°	224.7	228.2	354.6	814.6	*1313.2*	1176.3	270.4	168.5	249.3	210.7	115.9
82.5°	112.4	126.4	224.7	449.4	*730.4*	747.9	144.0	119.4	200.1	151.0	94.8
85°	80.8	87.8	161.5	249.3	*337.1*	505.6	87.8	59.7	151.0	101.8	66.7
87.5°	42.1	52.7	101.8	122.9	*136.9*	172.1	42.1	28.1	84.3	59.7	35.1
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: P1459004
CATALOG NUMBER: GLAN-SB3B-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2310.4	2310.4	2310.4	2310.4	2310.4	2310.4	2310.4	2310.4	2310.4	2310.4	2310.4
2.5°	2310.4	2229.7	2064.7	1871.5	1720.5	1566.0	1439.6	1320.3	1264.1	1257.0	1271.1
5°	2299.9	2124.3	1748.6	1379.9	1078.0	867.3	751.4	691.7	660.1	646.1	649.6
7.5°	2278.8	2012.0	1411.5	934.0	698.8	607.5	579.4	568.8	565.3	565.3	565.3
10°	2257.8	1861.0	1081.5	684.7	572.3	547.8	540.7	540.7	537.2	537.2	540.7
12.5°	2247.2	1720.5	839.2	572.3	533.7	523.2	516.2	512.7	512.7	512.7	516.2
15°	2222.7	1566.0	677.7	530.2	509.1	495.1	491.6	488.1	488.1	488.1	488.1
17.5°	2201.6	1415.1	589.9	502.1	484.6	470.5	467.0	463.5	463.5	467.0	467.0
20°	2170.0	1271.1	530.2	474.0	460.0	445.9	442.4	438.9	442.4	442.4	442.4
22.5°	2131.4	1151.7	495.1	453.0	435.4	421.4	421.4	421.4	421.4	421.4	424.9
25°	2106.8	1067.4	470.5	428.4	410.8	400.3	396.8	396.8	403.8	403.8	407.3
27.5°	2145.4	1046.4	474.0	421.4	389.8	379.2	375.7	375.7	382.7	386.2	389.8
30°	2261.3	1085.0	516.2	442.4	375.7	358.2	354.6	354.6	365.2	368.7	372.2
32.5°	2394.7	1165.8	579.4	470.5	365.2	337.1	330.1	330.1	340.6	344.1	347.6
35°	2577.3	1292.2	663.6	495.1	372.2	316.0	302.0	302.0	309.0	316.0	319.5
37.5°	2812.6	1499.3	762.0	512.7	372.2	291.4	273.9	270.4	277.4	277.4	280.9
40°	3058.4	1769.7	863.8	512.7	354.6	266.9	249.3	238.8	242.3	238.8	242.3
42.5°	3195.3	1987.4	951.6	481.0	333.6	242.3	224.7	210.7	207.2	200.1	203.7
45°	3272.5	2085.7	927.0	445.9	312.5	224.7	203.7	186.1	179.1	168.5	168.5
47.5°	3272.5	2096.3	793.6	417.8	291.4	210.7	182.6	165.0	154.5	144.0	147.5
50°	3233.9	2001.4	628.5	389.8	266.9	196.6	165.0	151.0	136.9	129.9	129.9
52.5°	3072.4	1692.5	481.0	354.6	238.8	179.1	147.5	133.4	119.4	115.9	115.9
55°	2795.0	1243.0	389.8	319.5	214.2	165.0	133.4	122.9	108.9	101.8	101.8
57.5°	2271.8	849.7	323.0	287.9	189.6	147.5	119.4	108.9	91.3	84.3	84.3
60°	1685.4	554.8	273.9	252.8	161.5	133.4	105.3	91.3	77.2	70.2	66.7
62.5°	1137.7	375.7	228.2	200.1	136.9	115.9	91.3	77.2	59.7	45.6	45.6
65°	709.3	291.4	189.6	158.0	119.4	101.8	77.2	59.7	42.1	31.6	28.1
67.5°	407.3	235.3	154.5	122.9	101.8	80.8	59.7	49.2	35.1	24.6	21.1
68°	*375.7*	*224.7*	*144.0*	*115.9*	*94.8*	*77.2*	*56.2*	*45.6*	*31.6*	*21.1*	*21.1*
70°	305.5	200.1	122.9	94.8	80.8	63.2	49.2	38.6	24.6	14.0	14.0
72.5°	270.4	168.5	105.3	73.7	56.2	52.7	38.6	28.1	17.6	10.5	7.0
75°	221.2	133.4	84.3	56.2	38.6	38.6	28.1	17.6	7.0	0.0	0.0
77.5°	144.0	98.3	66.7	35.1	21.1	24.6	17.6	7.0	0.0	0.0	0.0
80°	94.8	73.7	45.6	17.6	10.5	10.5	3.5	0.0	0.0	0.0	0.0
82.5°	66.7	49.2	28.1	7.0	3.5	3.5	0.0	0.0	0.0	0.0	0.0
85°	42.1	21.1	10.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.6	7.0	3.5	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

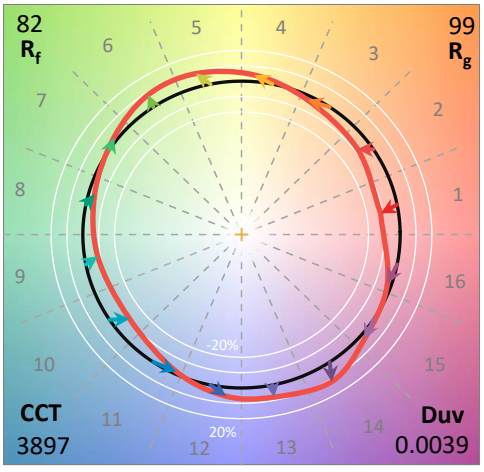
Test Information

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

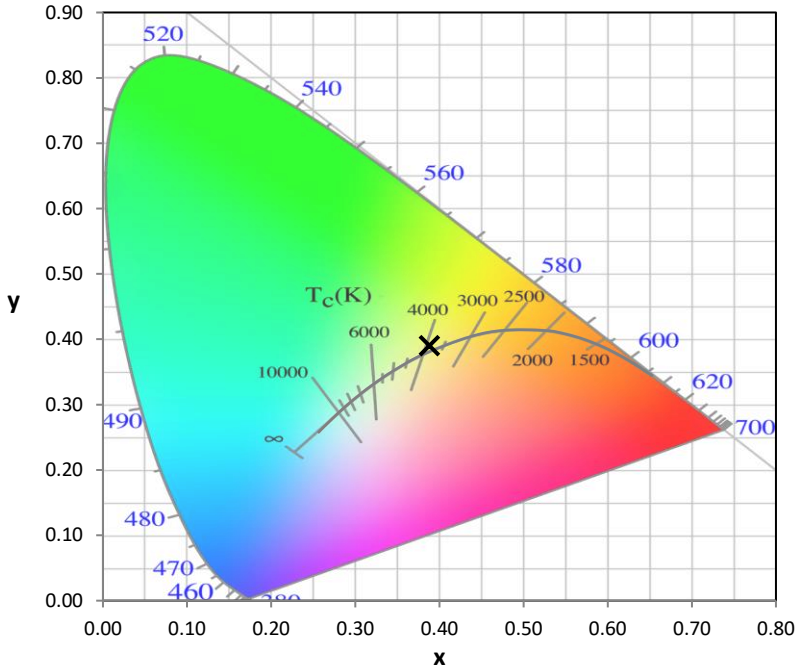
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

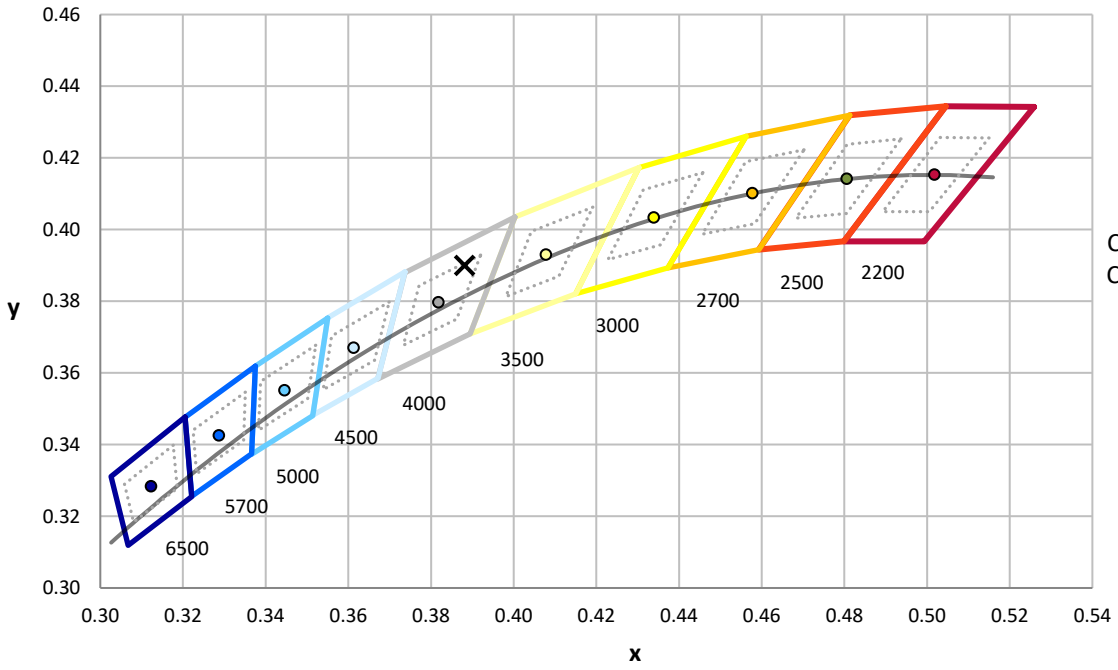
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

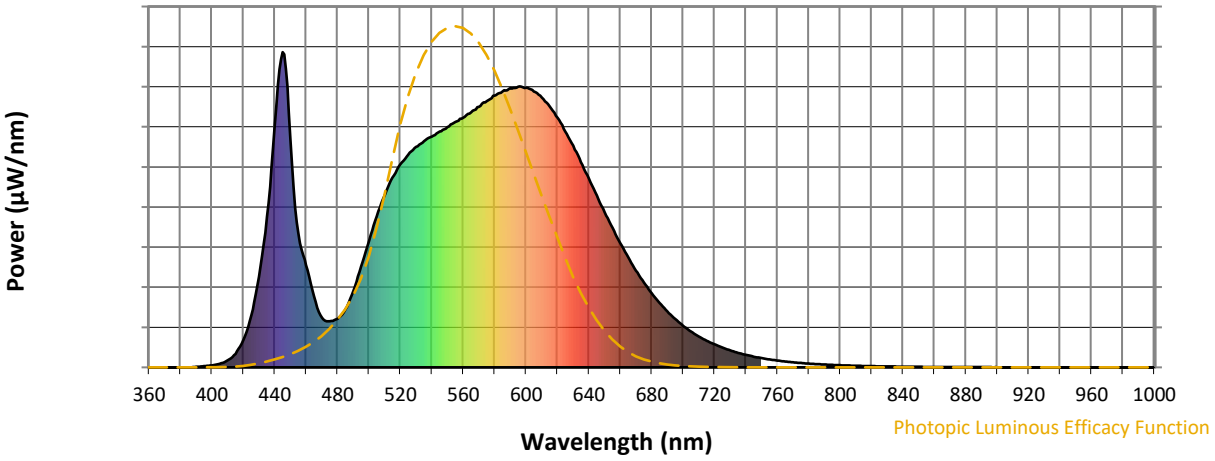


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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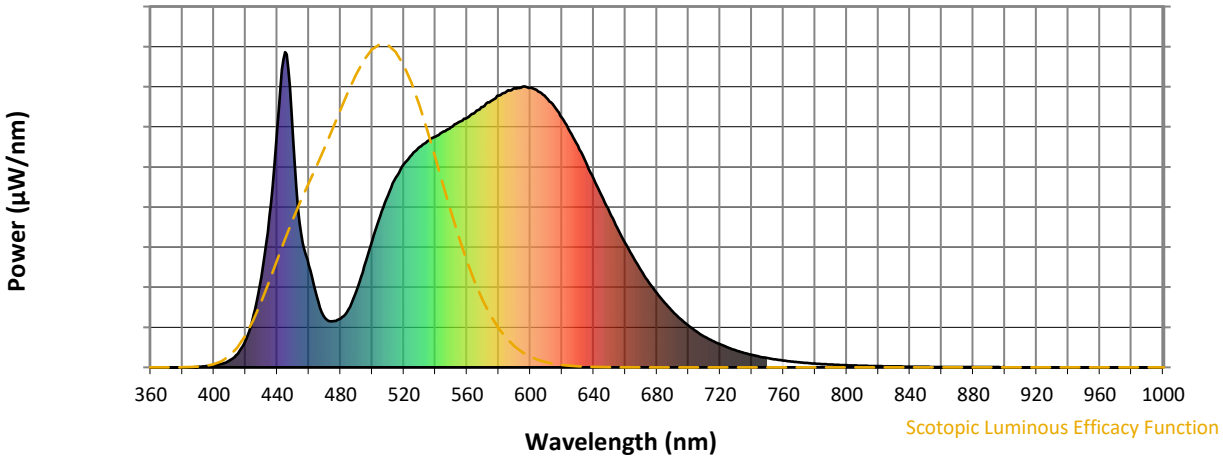
Scotopic Flux vs. Wavelength



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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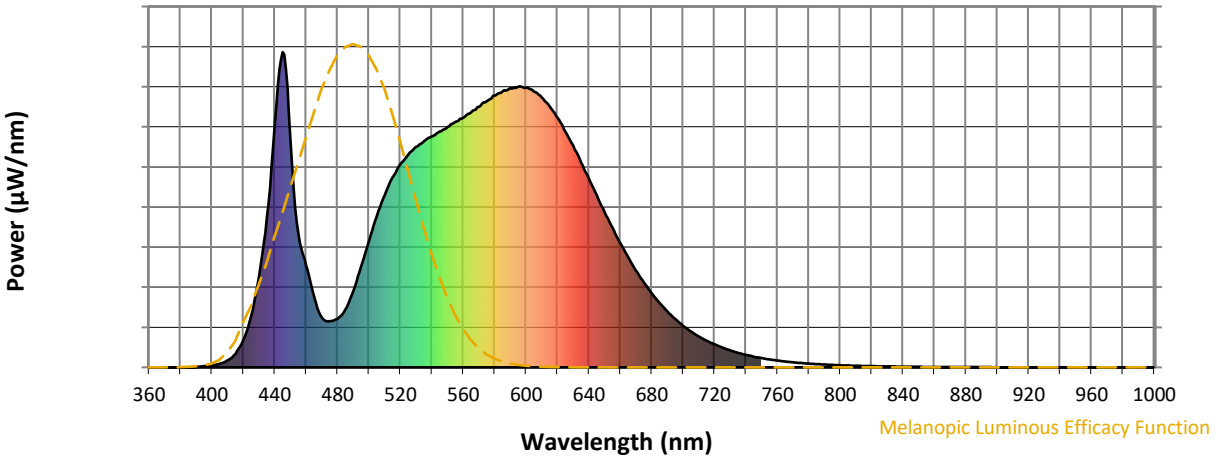
Melanopic Flux vs. Wavelength



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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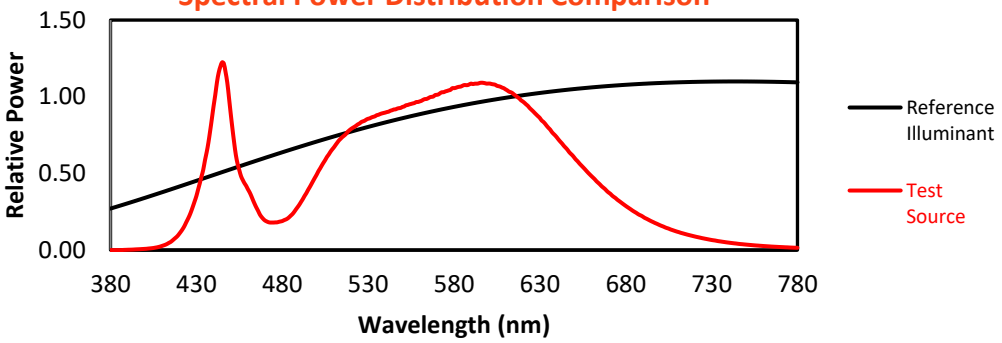
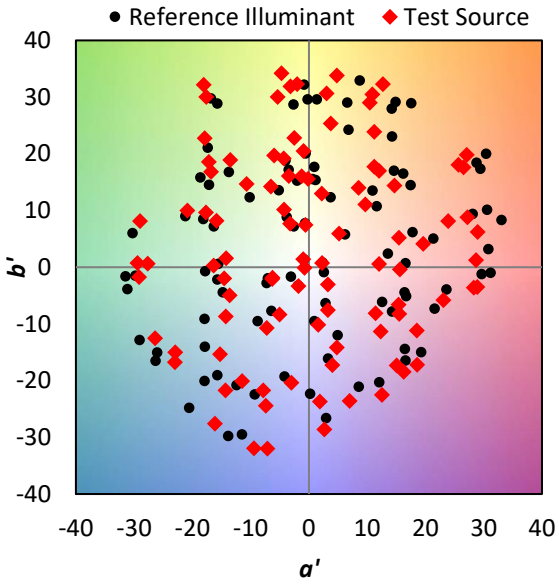
Summary

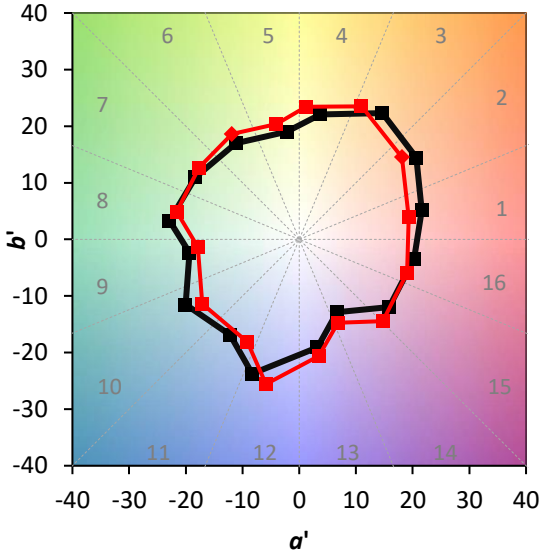
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

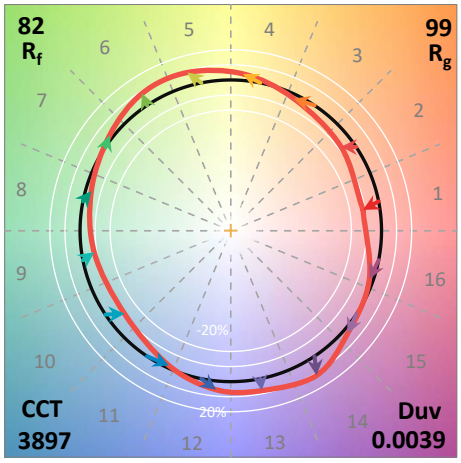
Spectral Power Distribution Comparison

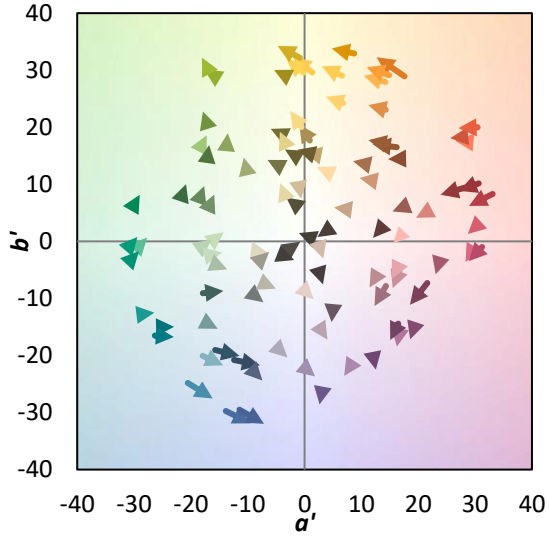


Color Vector Graphics









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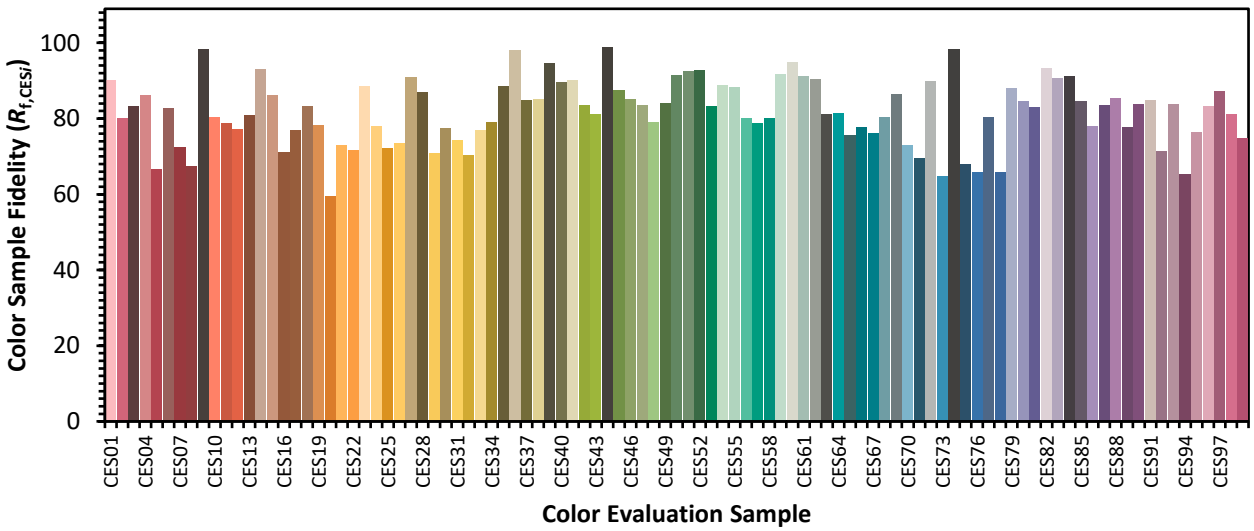
Individual Sample Fidelity Index ($R_{f,i}$)

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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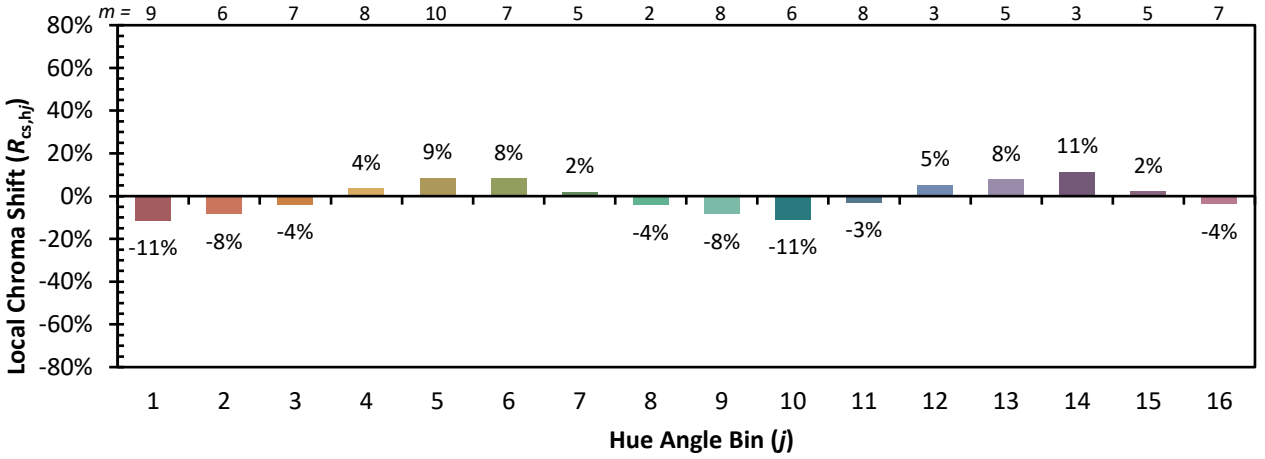
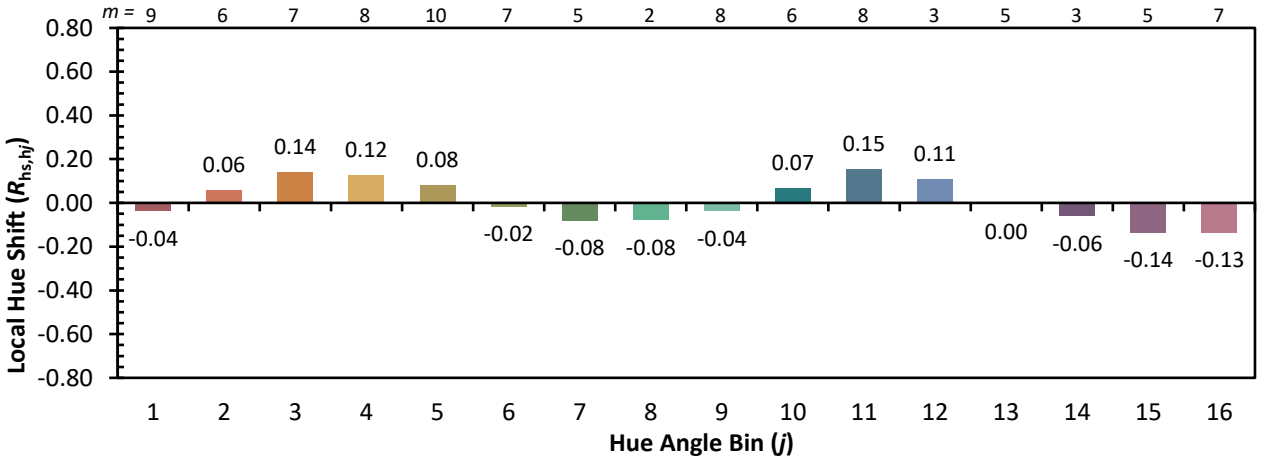
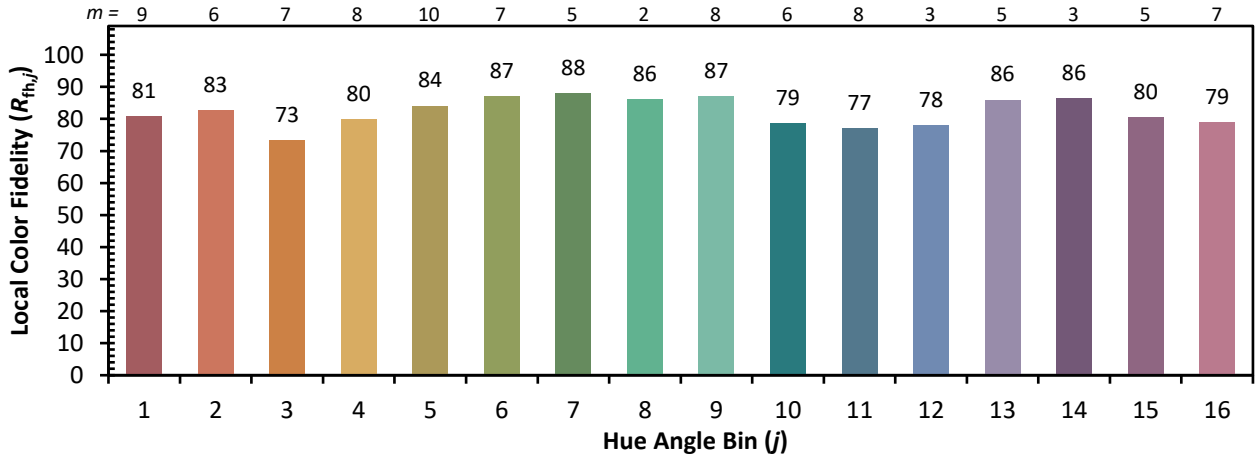
Color Rendition by Hue-Angle Bin







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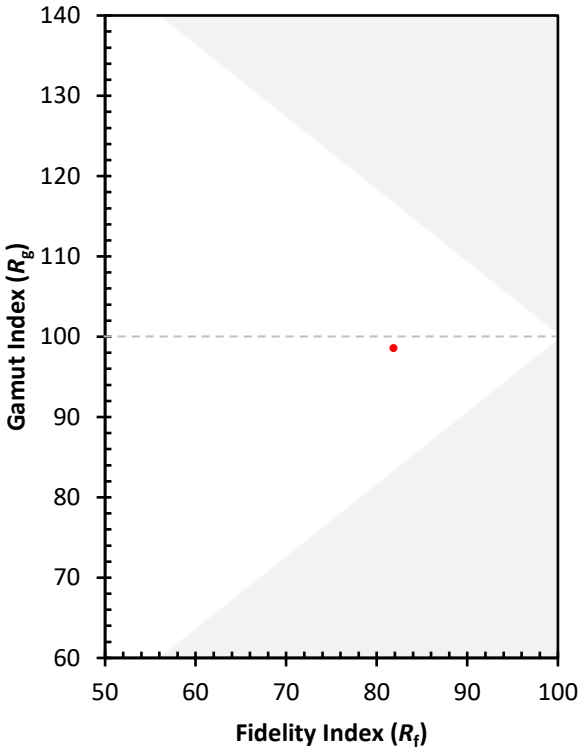
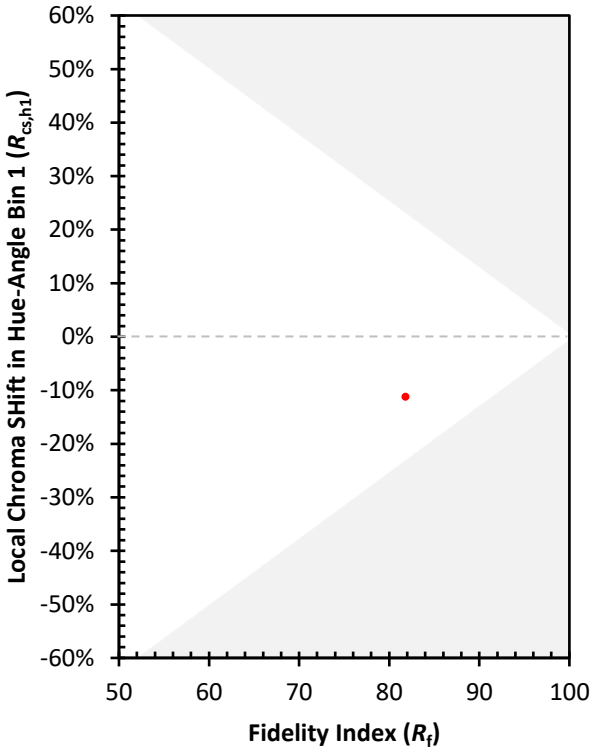
Measure Comparisons





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