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: P1458433

Luminaire Tested: GLAN-SB4C-840-U-T3LG-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:	P1458433
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4C-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21940.5 lumens
Efficiency:	N/A
Efficacy:	109.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	200.7
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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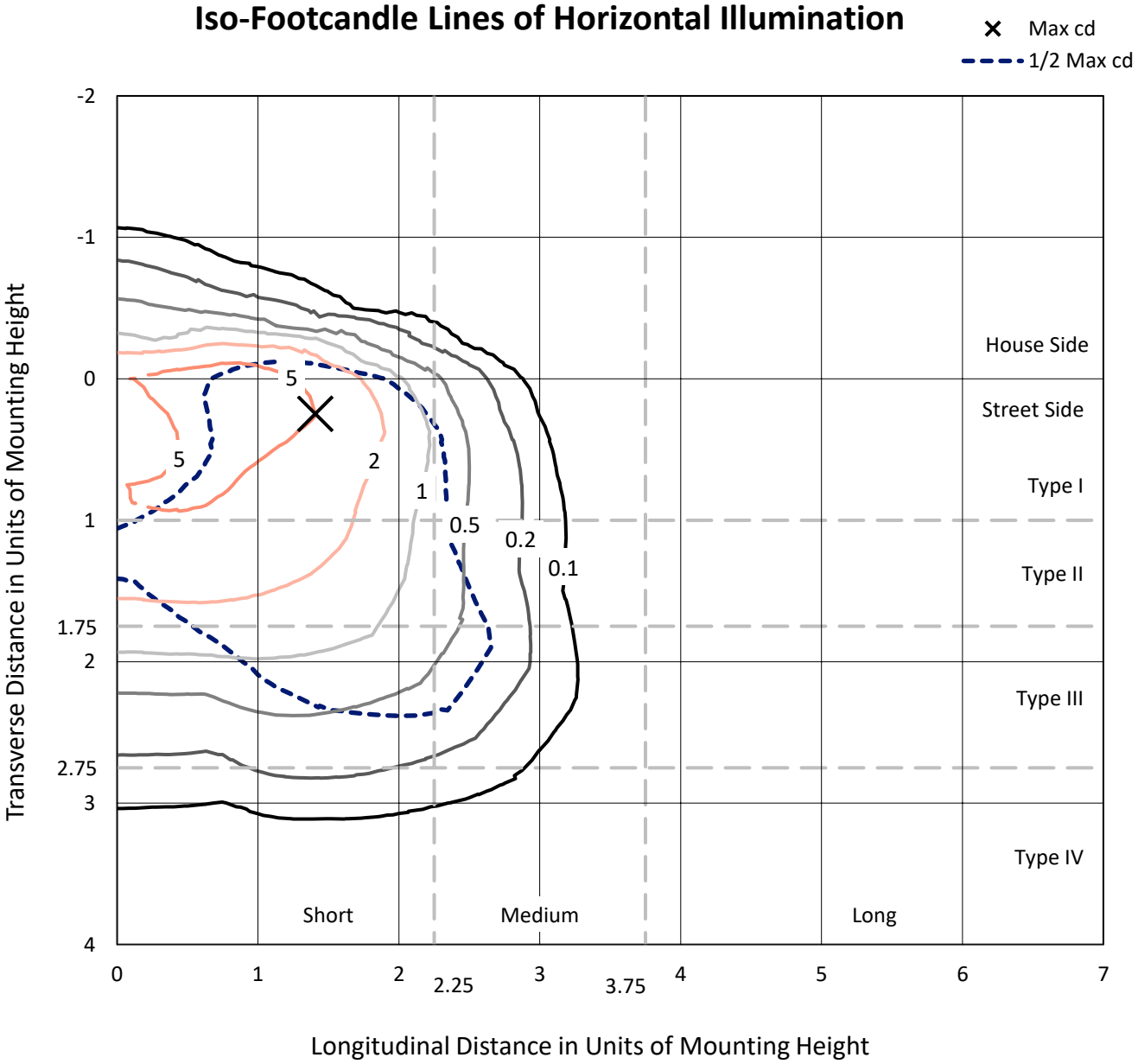
Scaled Data Report

REPORT NUMBER: P1458433
CATALOG NUMBER: GLAN-SB4C-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.7 fc
Type III - Short - N/A

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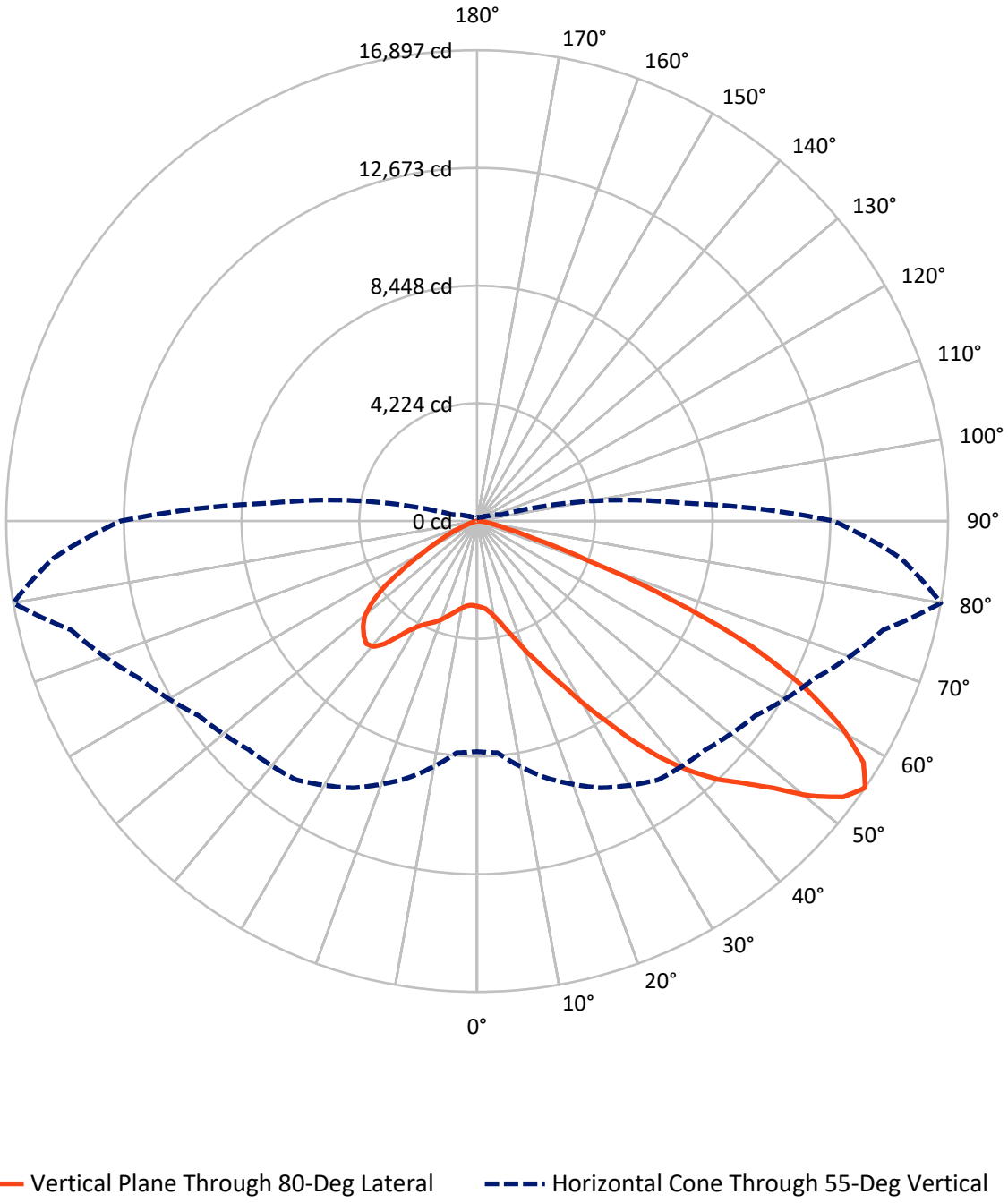
Luminous Intensity Polar Plot



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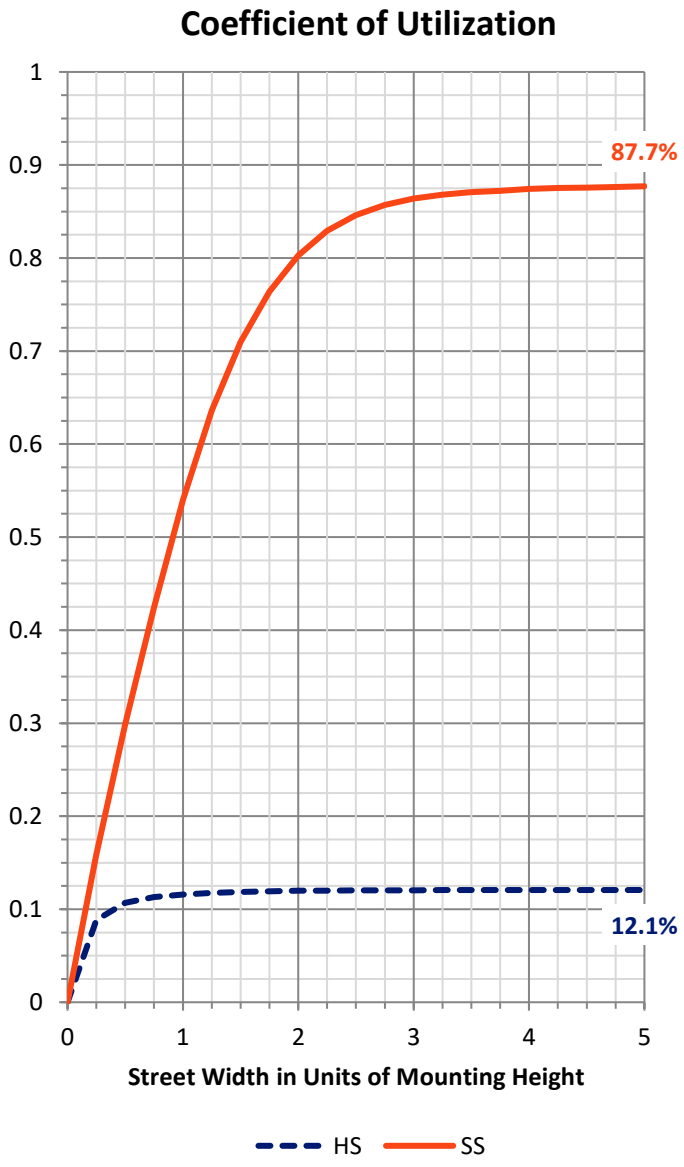
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2667.1	0.0	2667.1
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	19273.4	0.0	19273.4
	% Fixture	87.8	0.0	87.8
Total	Lumens	21940.5	0.0	21940.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	256.5	1.2
10°-20°	676.2	3.1
20°-30°	1323.8	6.0
30°-40°	2693.1	12.3
40°-50°	4540.2	20.7
50°-60°	5801.0	26.4
60°-70°	4952.7	22.6
70°-80°	1582.7	7.2
80°-90°	114.3	0.5
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°	21940.5	100.0
0°-180°	21940.5	100.0



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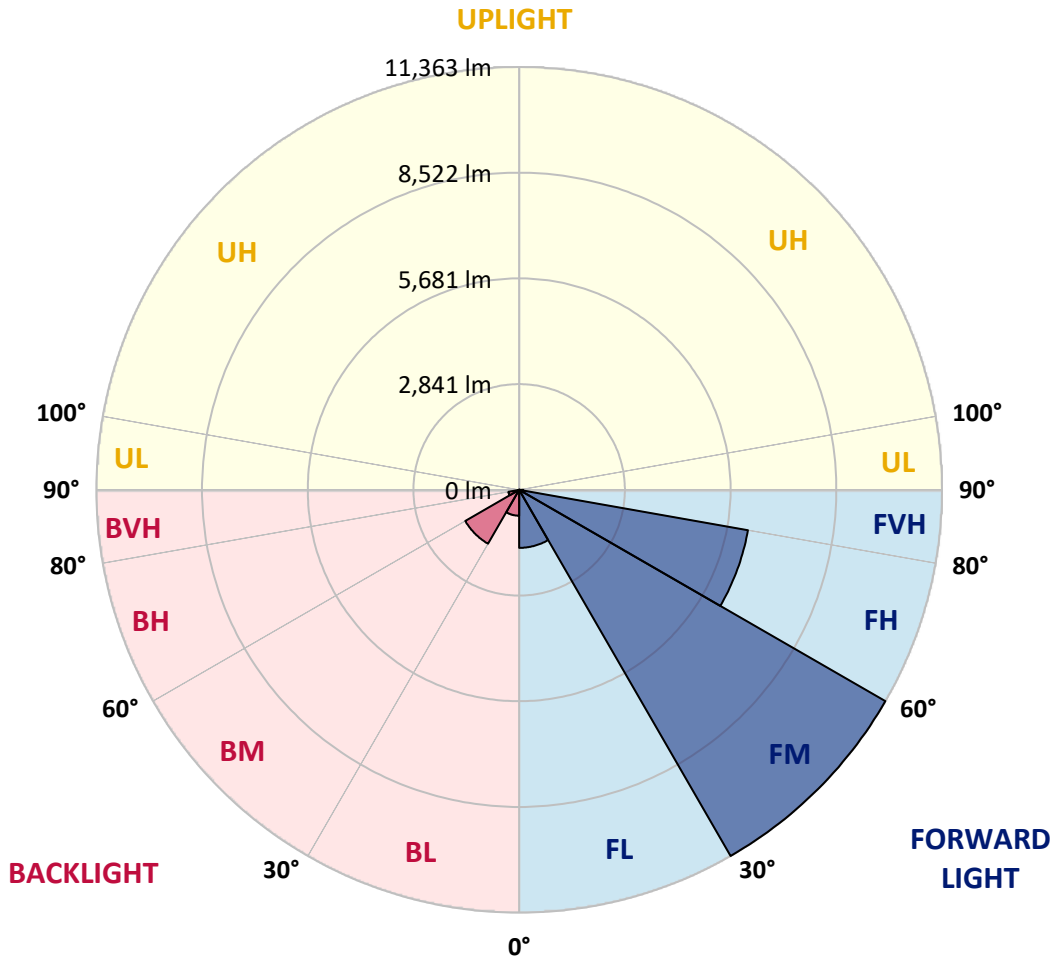
CATALOG NUMBER: GLAN-SB4C-840-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1560.0	7.1			
FM	(30°-60°)	11362.8	51.8			
FH	(60°-80°)	6242.3	28.5			G3/7500
FVH	(80°-90°)	108.3	0.5			G2/225
BL	(0°-30°)	696.5	3.2	B2/1000		
BM	(30°-60°)	1671.6	7.6	B2/2500		
BH	(60°-80°)	293.1	1.3	B1/500		G1/500
BVH	(80°-90°)	6.0	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-G3
Type III Short



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REPORT NUMBER: P1458433
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	*3056.3*	3056.3
2.5°	3075.0	3081.2	3075.0	3081.2	3093.7	3087.5	3112.4	3106.2	3106.2	*3099.9*	3075.0
5°	2900.4	2906.6	2919.1	2950.2	2993.9	3037.6	3093.7	3131.1	3168.6	*3162.3*	3137.4
7.5°	2557.3	2569.8	2619.7	2682.0	2825.5	2956.5	3099.9	3193.5	3274.6	*3299.5*	3280.8
10°	2363.9	2376.4	2407.6	2470.0	2601.0	2819.3	3099.9	3293.3	3436.8	*3486.7*	3492.9
12.5°	2345.2	2351.5	2376.4	2445.0	2557.3	2744.4	3093.7	3424.3	3667.5	*3742.4*	3767.3
15°	2357.7	2370.2	2395.1	2451.3	2582.2	2794.3	3143.6	3630.1	3973.2	*4079.2*	4085.4
17.5°	2407.6	2420.1	2451.3	2513.6	2657.1	2925.3	3299.5	3842.2	4341.2	*4459.7*	4528.3
20°	2507.4	2513.6	2551.1	2632.1	2794.3	3087.5	3530.3	4129.1	4784.0	*4958.7*	5008.6
22.5°	2638.4	2657.1	2707.0	2806.8	3012.6	3312.0	3848.4	4478.4	5270.5	*5451.4*	5538.7
25°	2781.8	2806.8	2881.6	3043.8	3305.8	3655.1	4241.4	4940.0	5844.4	*6062.7*	6181.2
27.5°	3075.0	3081.2	3131.1	3337.0	3673.8	4104.2	4740.4	5532.5	6518.0	*6773.7*	6904.7
30°	3717.4	3723.7	3680.0	3736.2	4079.2	4634.3	5326.7	6224.8	7303.9	*7659.4*	7765.5
32.5°	4503.3	4534.5	4528.3	4490.9	4646.8	5164.5	6025.2	7054.4	8227.0	*8601.3*	8701.1
35°	5395.3	5470.1	5451.4	5438.9	5457.6	5844.4	6823.6	7971.3	9274.9	*9730.2*	9811.3
37.5°	6268.5	6287.2	6374.5	6480.6	6493.0	6761.2	7746.7	8944.3	10247.9	*10828.0*	10952.7
40°	6942.1	7004.5	7222.8	7434.9	7653.2	7865.3	8507.7	9730.2	11021.3	*11801.0*	11857.1
42.5°	7466.1	7615.8	7933.9	8264.4	8707.3	8944.3	9231.2	10285.3	11651.3	*12668.0*	12643.0
45°	8102.3	8164.6	8613.7	9050.3	9499.4	9861.2	9855.0	10753.1	12144.0	*13410.2*	13254.3
47.5°	8532.6	8607.5	9218.7	9730.2	10191.8	10372.7	10410.1	11258.4	12823.9	*14308.4*	13940.4
50°	8763.4	8894.4	9561.8	10210.5	10709.5	10765.6	10934.0	11919.5	13715.9	*15499.7*	14807.4
52.5°	8788.4	8913.1	9680.3	10516.1	11058.8	11171.0	11457.9	12668.0	14582.8	*16454.0*	15306.4
55°	*8270.7*	*8345.5*	*9536.9*	*10566.0*	*11333.2*	*11595.2*	*12181.5*	*13360.3*	*15088.1*	*16896.9*	*15262.7*
57.5°	7784.2	7859.0	8894.4	10478.7	11613.9	12150.3	12954.9	13834.4	14695.1	*16348.0*	14289.7
60°	7366.3	7403.7	8345.5	10073.3	11719.9	12692.9	13622.3	13366.6	13678.4	*15031.9*	12624.3
62.5°	6580.4	6605.3	7721.8	9343.5	11507.8	13110.8	13853.1	12374.8	12561.9	*13216.9*	10665.8
65°	4971.1	5064.7	6087.6	8794.6	11158.6	13304.2	13316.7	11164.8	10971.4	*10815.5*	8389.2
67.5°	3374.4	3480.4	4097.9	7908.9	10591.0	13385.3	12275.0	9599.2	8358.0	*7553.4*	5495.1
70°	2694.5	2694.5	2906.6	6355.8	9243.7	12349.9	10983.9	7247.8	5308.0	*4172.8*	2944.0
72.5°	1771.4	1777.6	1977.2	4035.5	6555.4	9418.3	8956.8	4191.5	2756.9	*2126.9*	1453.3
75°	642.4	642.4	867.0	1615.5	3467.9	5607.3	5457.6	2002.2	1497.0	*1160.1*	879.5
77.5°	343.1	355.5	417.9	667.4	1328.5	2282.9	2133.2	1022.9	848.3	*723.5*	548.9
80°	230.8	237.0	280.7	411.7	642.4	879.5	686.1	573.8	573.8	*486.5*	368.0
82.5°	124.7	131.0	187.1	268.2	343.1	411.7	330.6	336.8	405.4	*330.6*	212.1
85°	87.3	87.3	143.5	193.4	193.4	199.6	143.5	212.1	237.0	*205.8*	143.5
87.5°	49.9	49.9	81.1	93.6	93.6	87.3	43.7	74.8	93.6	*106.0*	62.4
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: P1458433
CATALOG NUMBER: GLAN-SB4C-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3	3056.3
2.5°	3068.8	3050.0	3012.6	2937.8	2900.4	2850.5	2806.8	2750.7	2738.2	2731.9	2707.0
5°	3118.7	3081.2	2969.0	2806.8	2669.6	2538.6	2407.6	2332.8	2270.4	2239.2	2233.0
7.5°	3243.4	3168.6	2962.7	2675.8	2420.1	2195.5	2002.2	1833.8	1746.4	1671.6	1677.8
10°	3430.5	3312.0	2975.2	2551.1	2170.6	1808.8	1528.1	1284.9	1110.2	1029.2	1022.9
12.5°	3680.0	3511.6	3018.9	2426.3	1865.0	1359.7	1004.2	860.7	823.3	817.1	810.9
15°	3985.6	3748.6	3062.5	2264.1	1453.3	941.8	817.1	785.9	779.7	773.4	773.4
17.5°	4353.6	4023.1	3087.5	1989.7	1060.3	810.9	767.2	748.5	742.2	736.0	736.0
20°	4815.2	4328.7	3118.7	1640.4	898.2	779.7	729.8	704.8	698.6	698.6	692.3
22.5°	5270.5	4671.7	3093.7	1334.8	867.0	742.2	686.1	661.2	648.7	648.7	642.4
25°	5794.5	5021.0	3018.9	1203.8	860.7	711.1	642.4	605.0	586.3	580.1	580.1
27.5°	6393.2	5420.2	2900.4	1210.0	860.7	686.1	586.3	536.4	523.9	511.5	511.5
30°	7079.4	5906.7	2813.0	1291.1	873.2	661.2	536.4	474.0	455.3	442.8	449.1
32.5°	7865.3	6449.4	2806.8	1422.1	891.9	623.7	480.3	411.7	393.0	386.7	393.0
35°	8757.2	7123.0	2950.2	1521.9	842.0	542.6	411.7	355.5	336.8	336.8	343.1
37.5°	9748.9	7896.4	3143.6	1497.0	679.9	430.4	355.5	311.9	293.2	299.4	305.6
40°	10653.3	8501.5	3174.8	1278.6	511.5	368.0	305.6	274.4	262.0	268.2	274.4
42.5°	11339.4	8988.0	2875.4	991.7	430.4	311.9	262.0	237.0	230.8	243.3	243.3
45°	11894.6	9181.3	2401.4	736.0	380.5	268.2	230.8	218.3	205.8	212.1	212.1
47.5°	12474.6	9212.5	1958.5	592.5	336.8	243.3	212.1	199.6	187.1	187.1	187.1
50°	13036.0	9137.7	1497.0	523.9	311.9	218.3	193.4	180.9	168.4	162.2	162.2
52.5°	13173.2	8538.9	1097.8	486.5	286.9	205.8	180.9	168.4	155.9	149.7	149.7
55°	*12792.7*	*7403.7*	*860.7*	*436.6*	*262.0*	*187.1*	*168.4*	*155.9*	*137.2*	*131.0*	*131.0*
57.5°	11539.0	5644.8	686.1	374.2	237.0	180.9	155.9	143.5	124.7	118.5	118.5
60°	9911.1	4004.4	555.1	305.6	218.3	162.2	143.5	124.7	112.3	99.8	99.8
62.5°	8108.5	2875.4	449.1	255.7	205.8	143.5	131.0	112.3	87.3	68.6	68.6
65°	6218.6	2064.6	349.3	205.8	187.1	124.7	112.3	93.6	68.6	49.9	49.9
67.5°	4023.1	1334.8	262.0	180.9	143.5	106.0	87.3	74.8	62.4	43.7	37.4
70°	2120.7	779.7	193.4	155.9	106.0	81.1	74.8	62.4	49.9	31.2	31.2
72.5°	1097.8	511.5	143.5	137.2	81.1	56.1	62.4	49.9	37.4	18.7	18.7
75°	704.8	343.1	106.0	112.3	49.9	43.7	43.7	31.2	18.7	12.5	6.2
77.5°	455.3	230.8	74.8	93.6	31.2	24.9	24.9	12.5	6.2	0.0	0.0
80°	268.2	143.5	49.9	62.4	12.5	12.5	6.2	0.0	0.0	0.0	0.0
82.5°	137.2	74.8	24.9	24.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	87.3	37.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	43.7	12.5	6.2	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

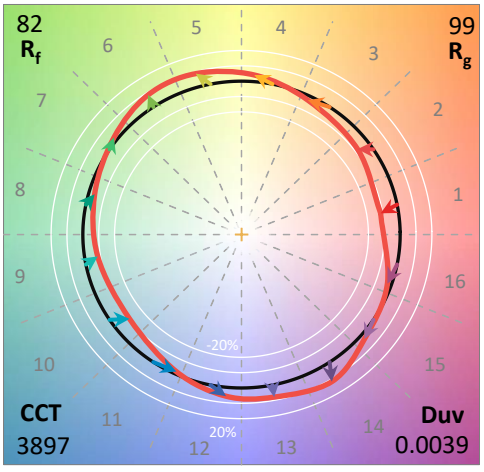
Test Information

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

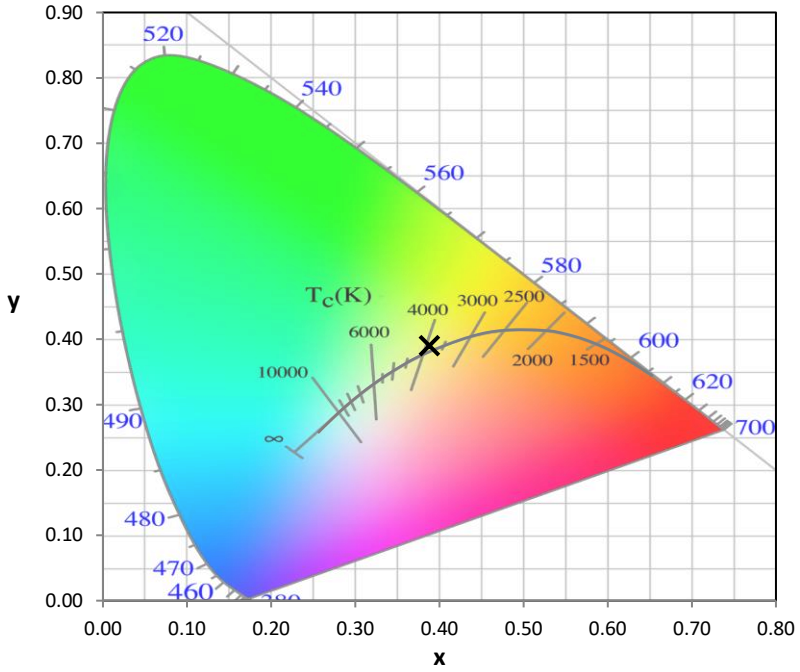
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

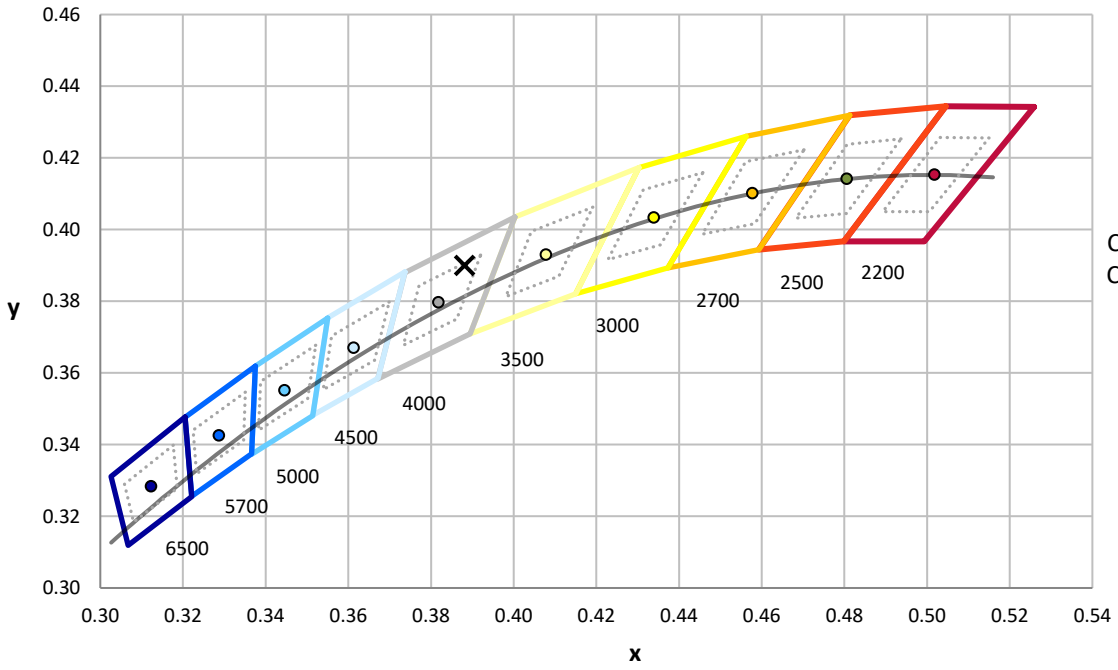
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

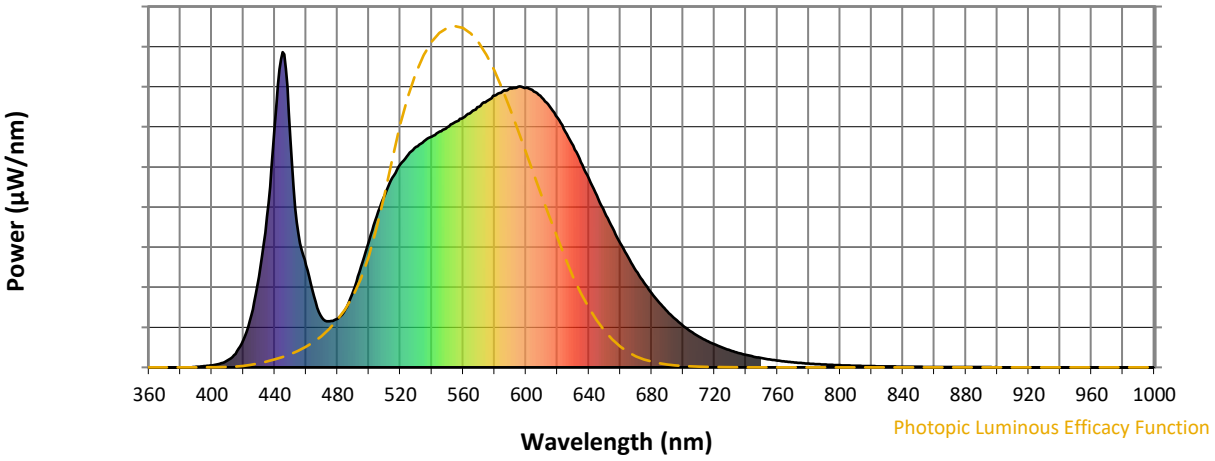


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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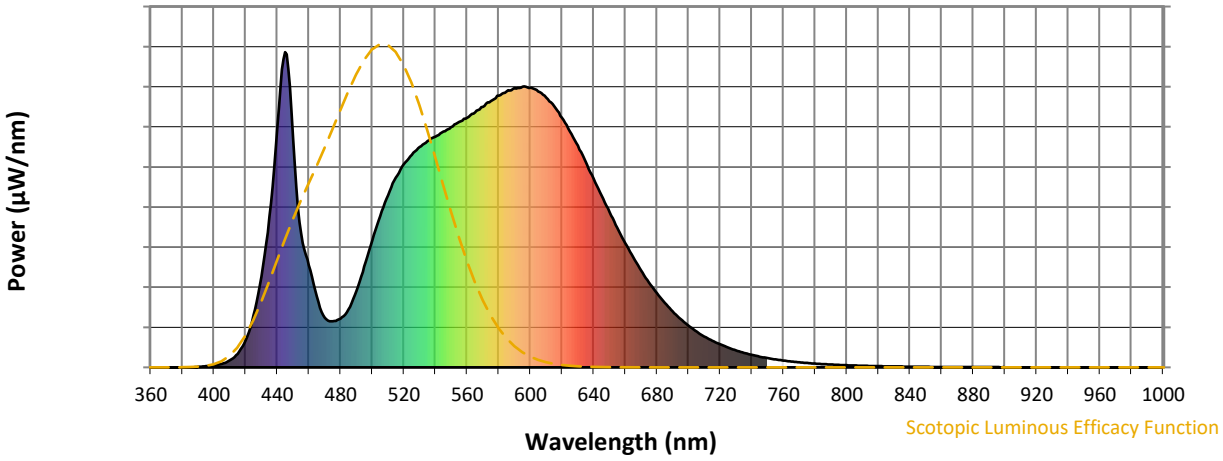
Scotopic Flux vs. Wavelength



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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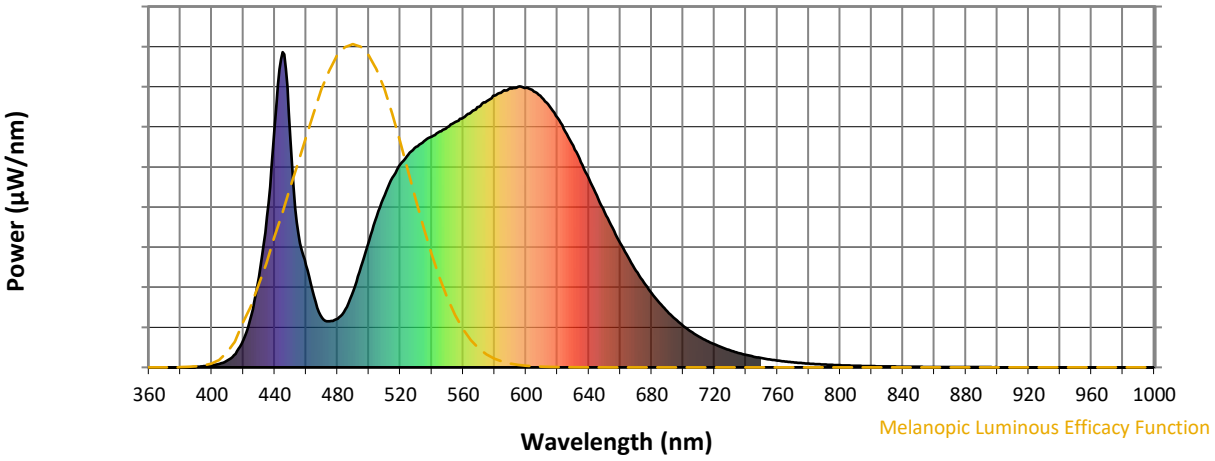
Melanopic Flux vs. Wavelength



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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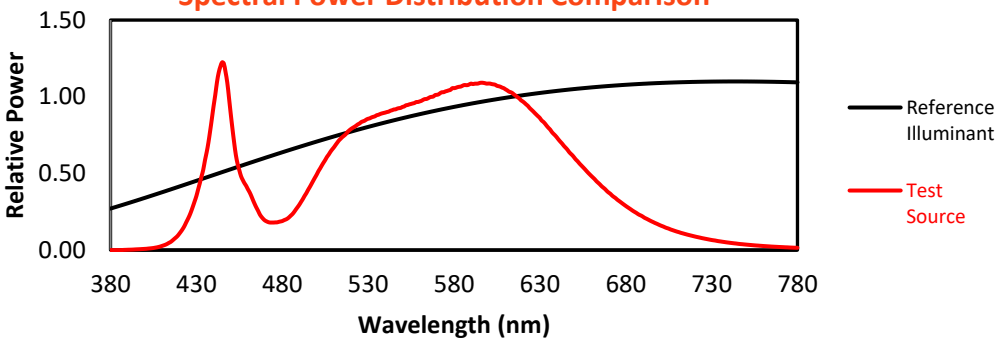
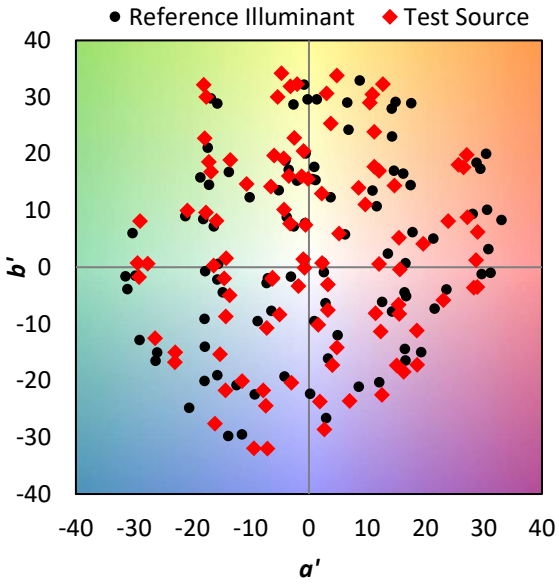
Summary

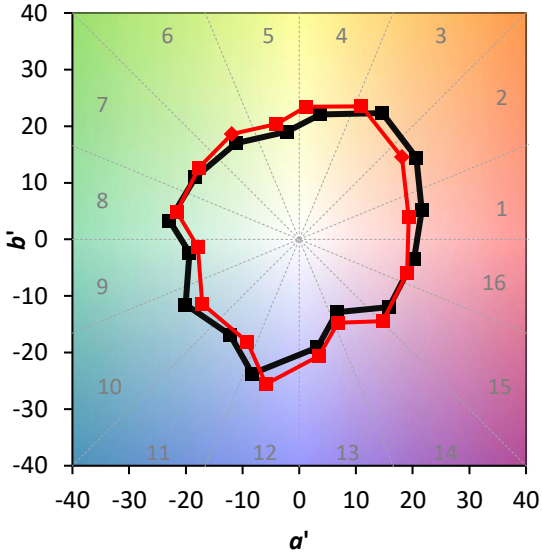
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

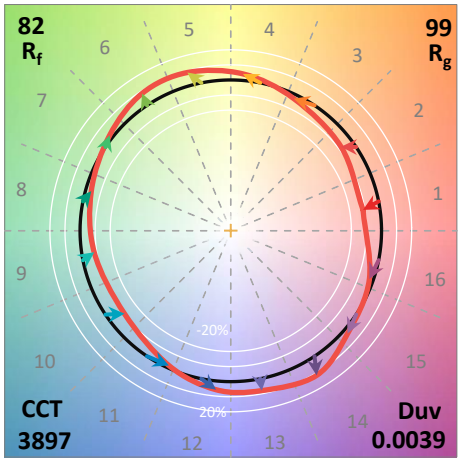
Spectral Power Distribution Comparison

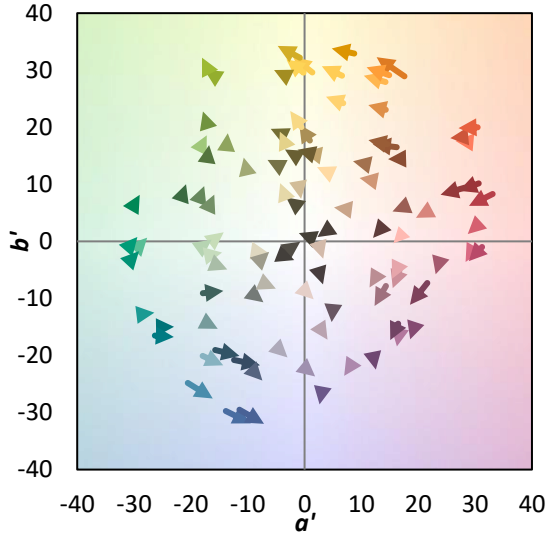


Color Vector Graphics









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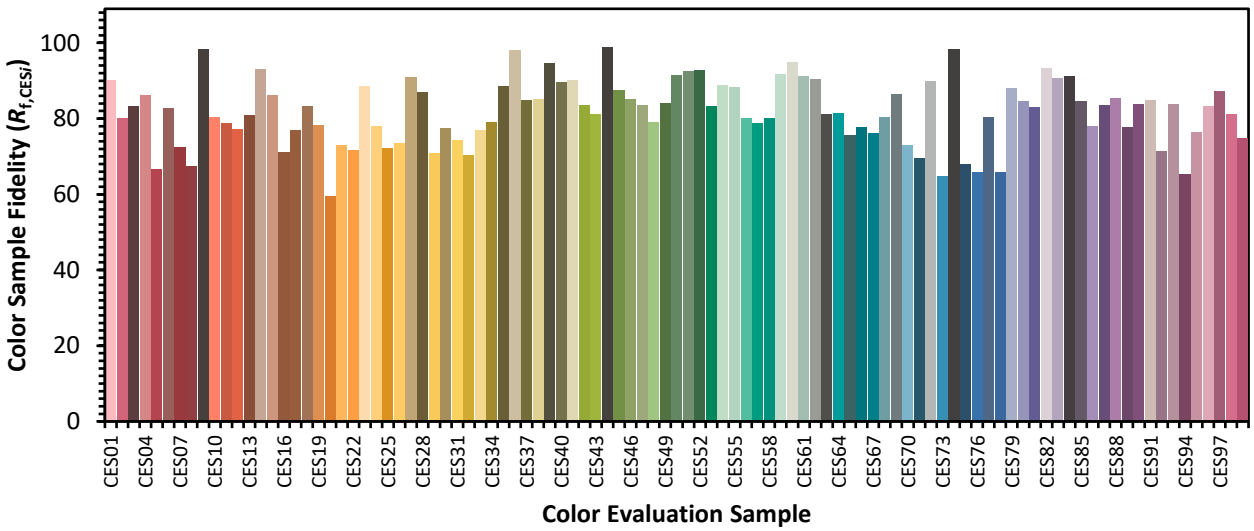
Individual Sample Fidelity Index ($R_{f,i}$)

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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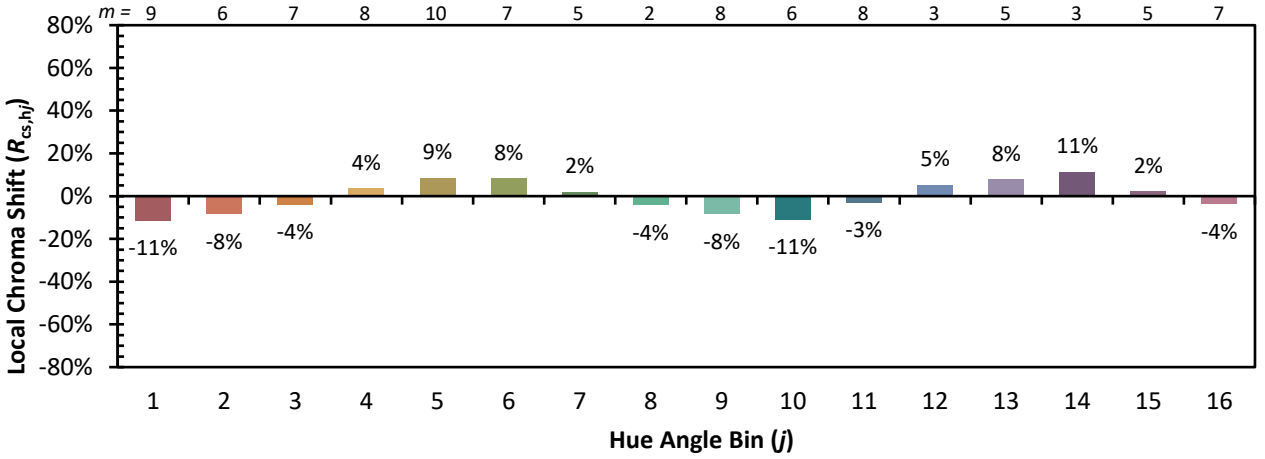
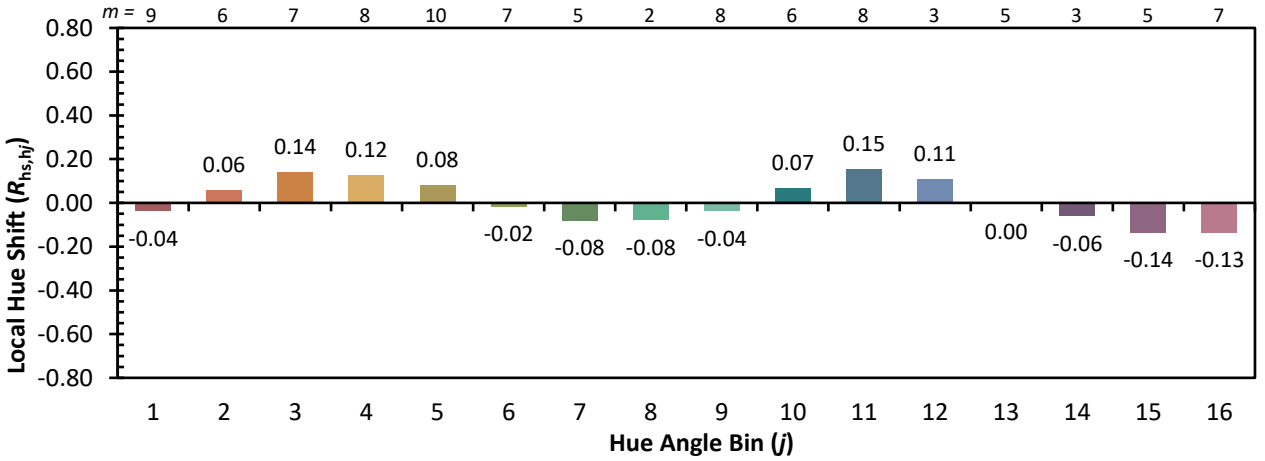
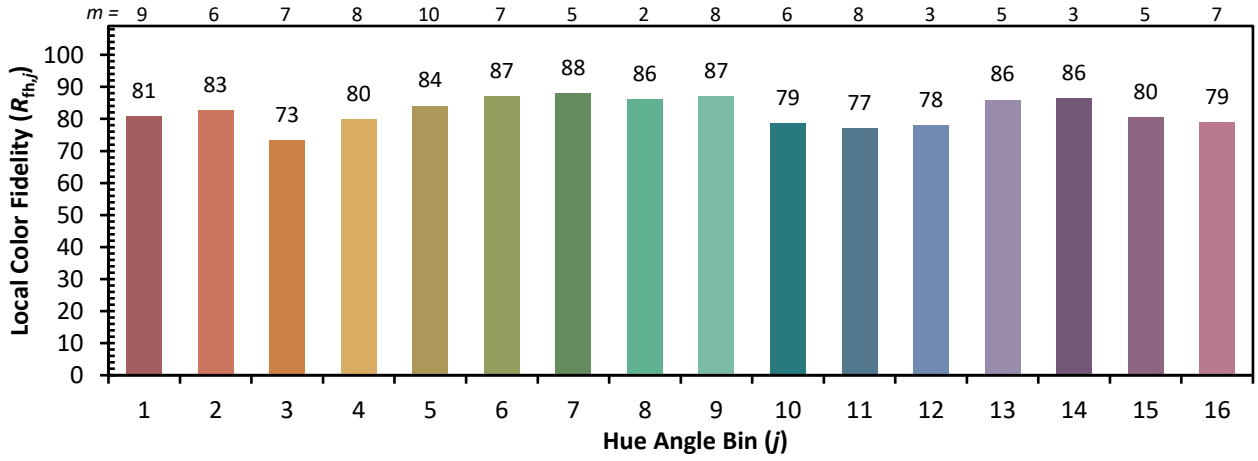
Color Rendition by Hue-Angle Bin







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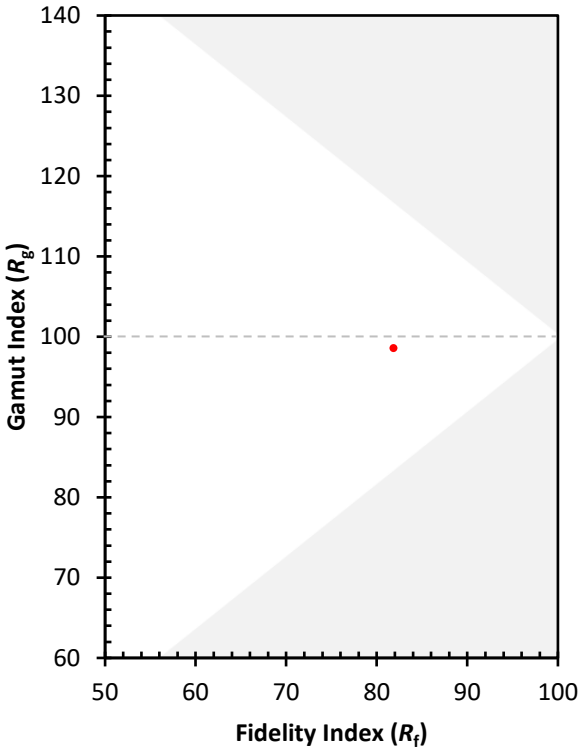
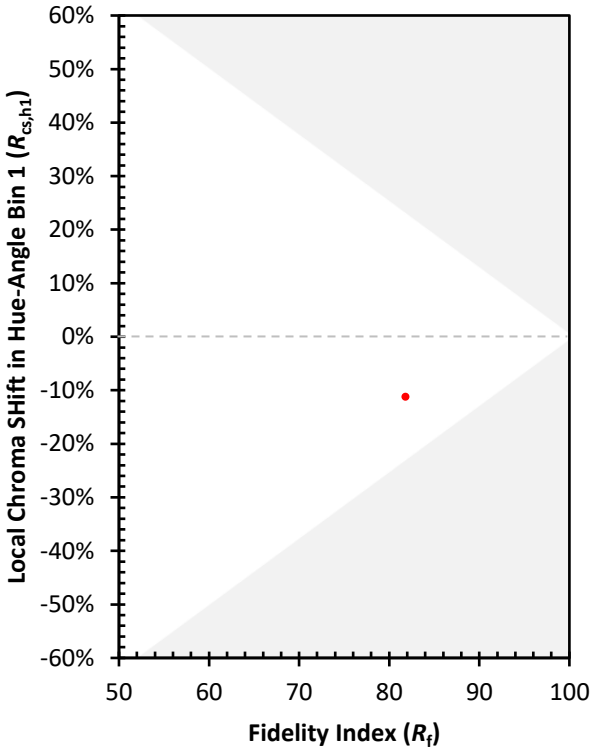
Measure Comparisons





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