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: P1458447

Luminaire Tested: GLAN-SB8A-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:	P1458447
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8A-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(208) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26515.1 lumens
Efficiency:	N/A
Efficacy:	116.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	227.1
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: P1458447
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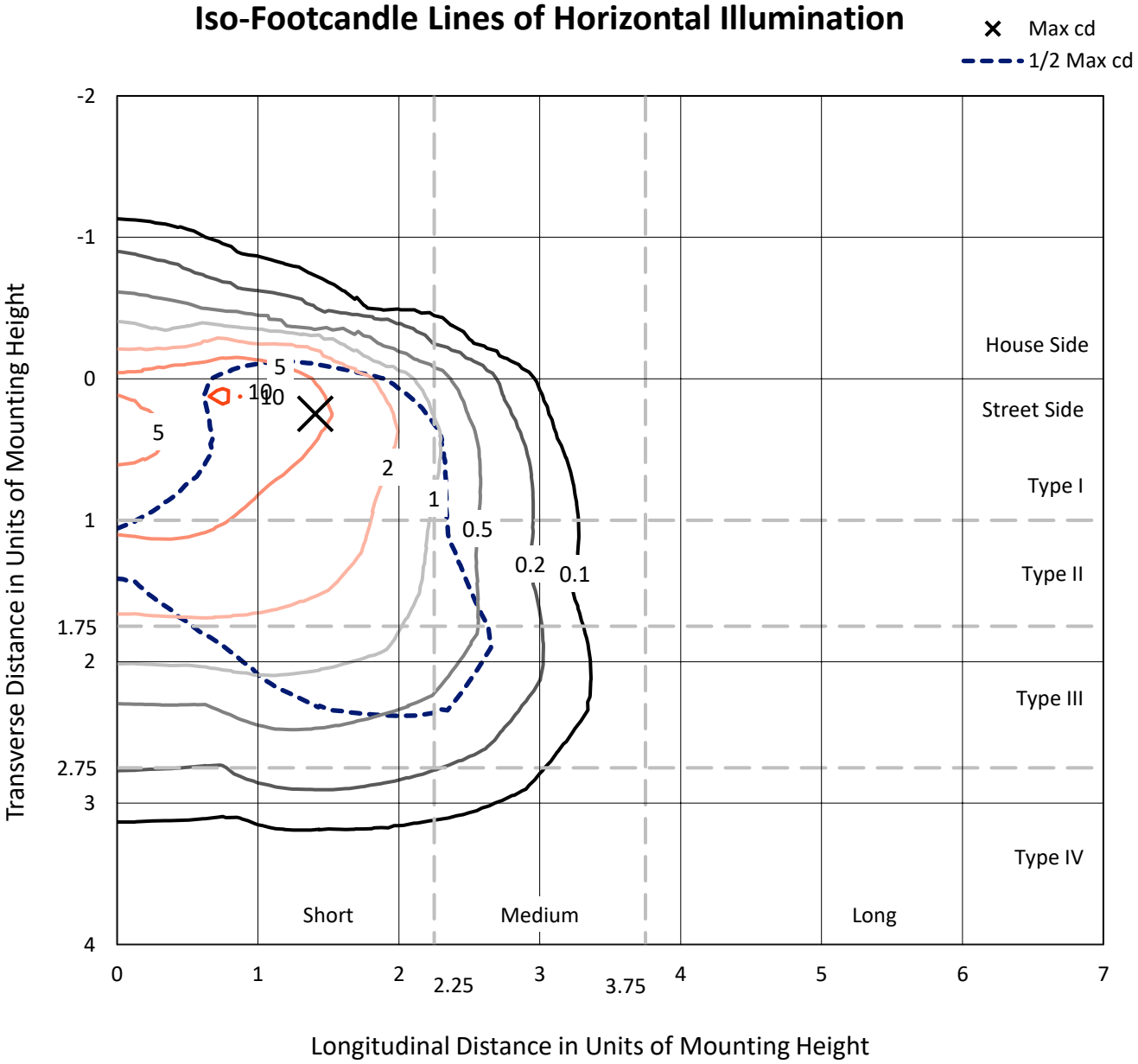
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10.5 fc
Type III - Short - N/A

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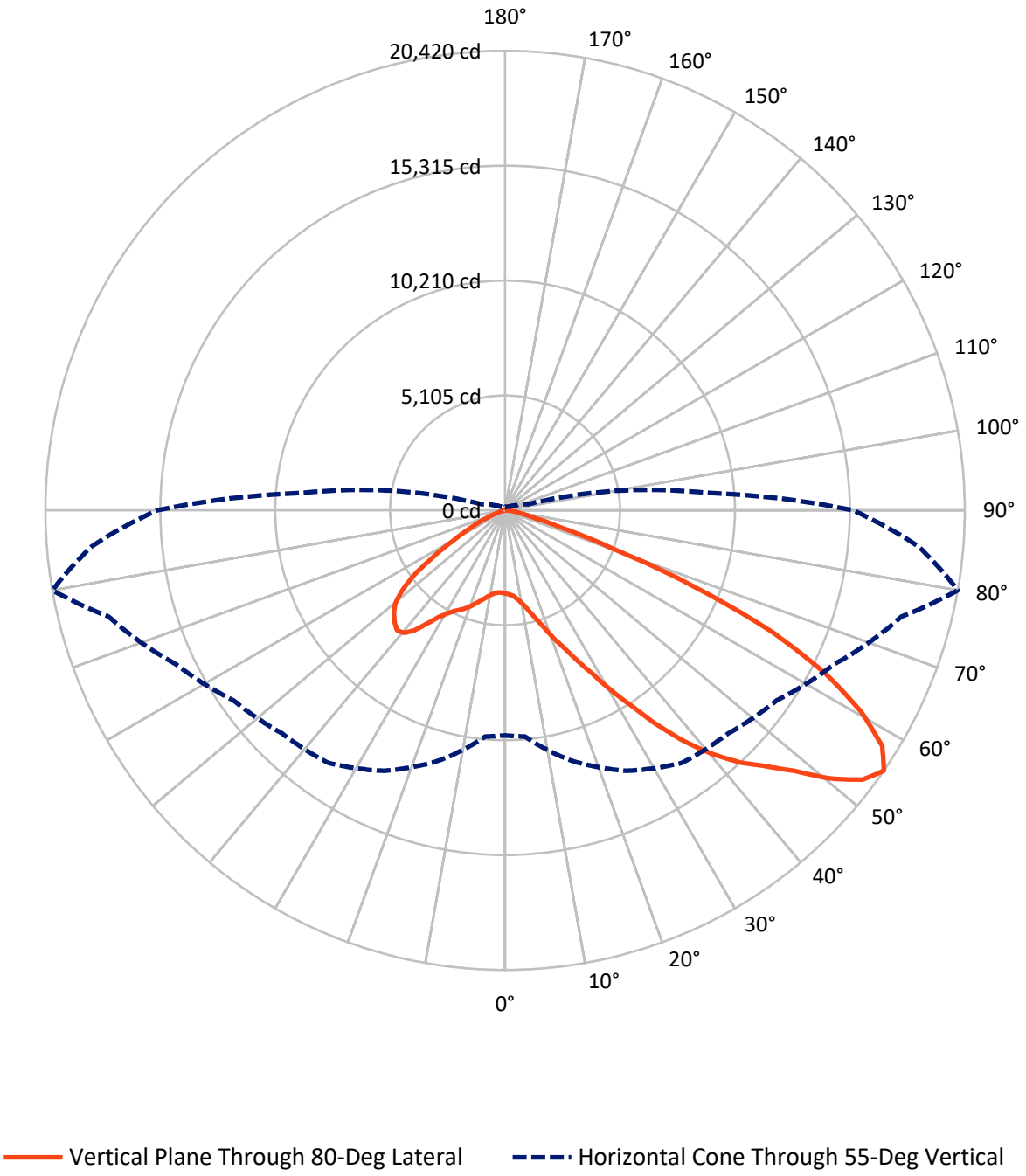
Luminous Intensity Polar Plot



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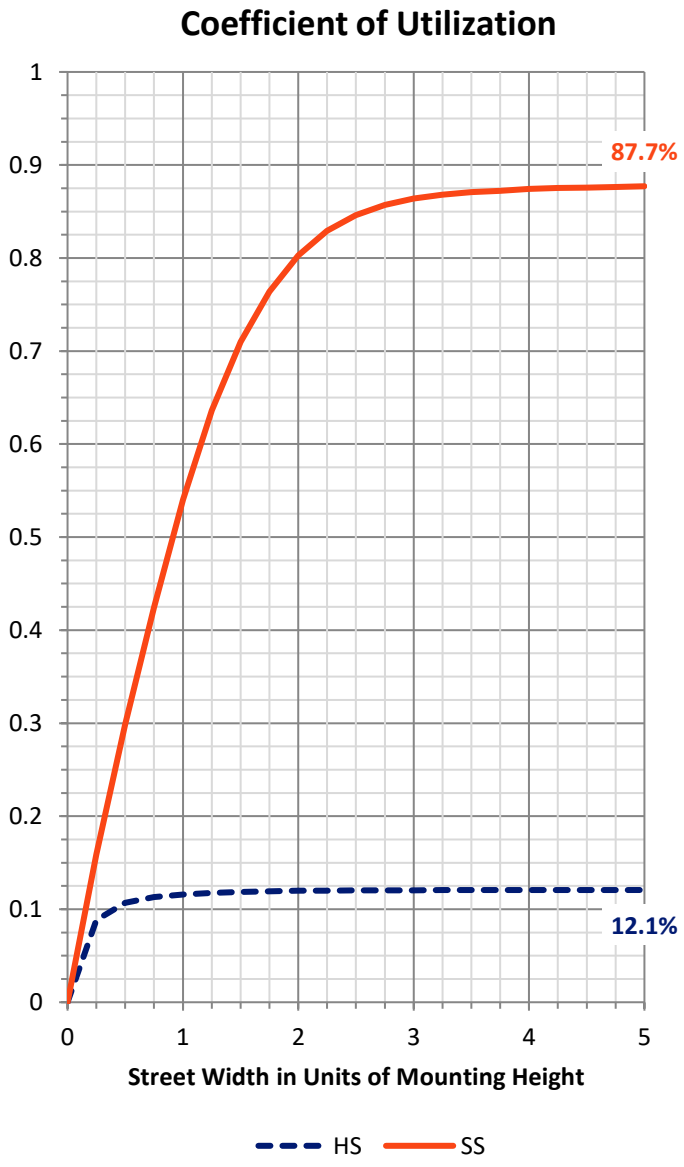
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3223.2	0.0	3223.2
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	23291.9	0.0	23291.9
	% Fixture	87.8	0.0	87.8
Total	Lumens	26515.1	0.0	26515.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	310.0	1.2
10°-20°	817.2	3.1
20°-30°	1599.8	6.0
30°-40°	3254.7	12.3
40°-50°	5486.9	20.7
50°-60°	7010.5	26.4
60°-70°	5985.4	22.6
70°-80°	1912.7	7.2
80°-90°	138.1	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°	26515.1	100.0
0°-180°	26515.1	100.0



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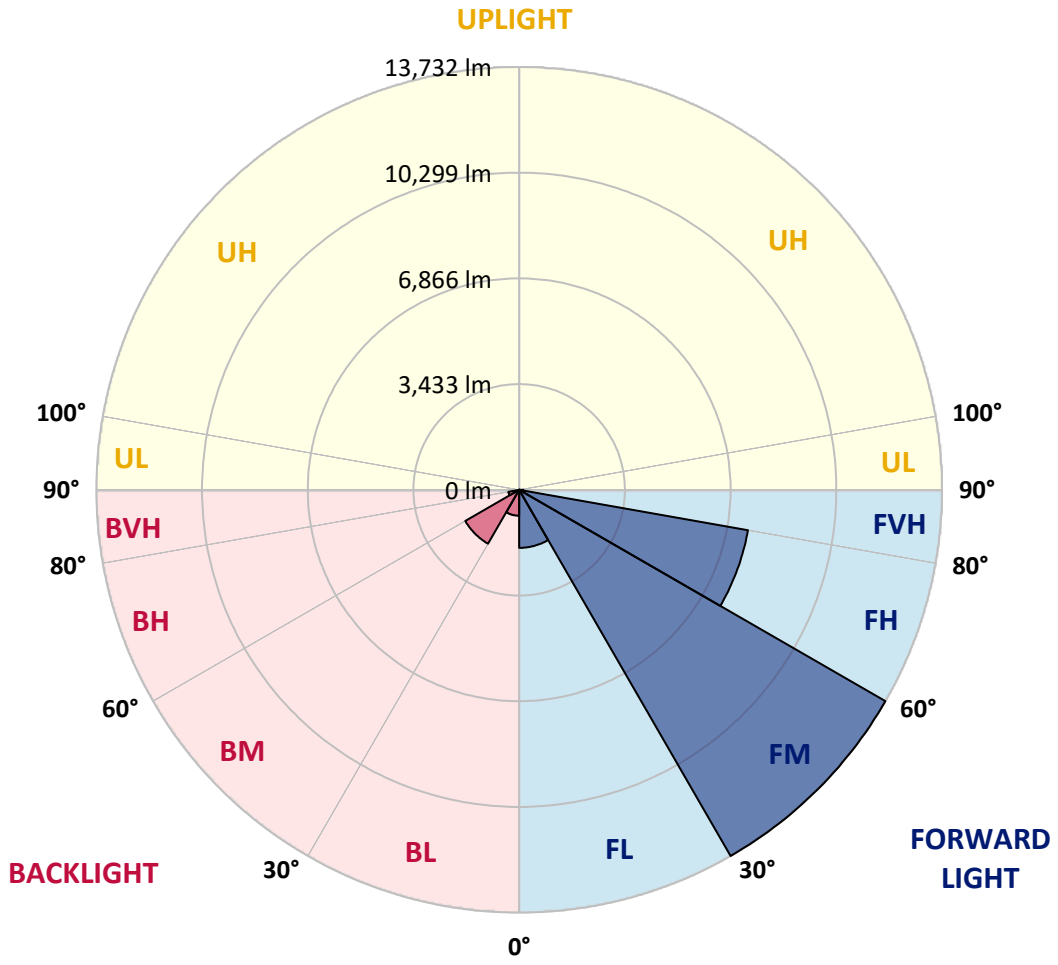
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1885.3	7.1			
FM	(30°-60°)	13732.0	51.8			
FH	(60°-80°)	7543.8	28.5			G4/12000
FVH	(80°-90°)	130.9	0.5			G2/225
BL	(0°-30°)	841.7	3.2	B2/1000		
BM	(30°-60°)	2020.1	7.6	B2/2500		
BH	(60°-80°)	354.3	1.3	B1/500		G1/500
BVH	(80°-90°)	7.2	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-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	*3693.5*	3693.5
2.5°	3716.1	3723.7	3716.1	3723.7	3738.7	3731.2	3761.4	3753.8	3753.8	*3746.3*	3716.1
5°	3505.1	3512.6	3527.7	3565.4	3618.1	3670.9	3738.7	3784.0	3829.2	*3821.7*	3791.5
7.5°	3090.5	3105.6	3165.9	3241.2	3414.6	3572.9	3746.3	3859.3	3957.3	*3987.5*	3964.9
10°	2856.8	2871.9	2909.6	2985.0	3143.3	3407.1	3746.3	3980.0	4153.3	*4213.6*	4221.2
12.5°	2834.2	2841.7	2871.9	2954.8	3090.5	3316.6	3738.7	4138.2	4432.2	*4522.7*	4552.8
15°	2849.3	2864.4	2894.5	2962.4	3120.6	3376.9	3799.0	4387.0	4801.6	*4929.7*	4937.3
17.5°	2909.6	2924.7	2962.4	3037.7	3211.1	3535.2	3987.5	4643.3	5246.3	*5389.5*	5472.4
20°	3030.2	3037.7	3083.0	3180.9	3376.9	3731.2	4266.4	4990.0	5781.5	*5992.5*	6052.8
22.5°	3188.5	3211.1	3271.4	3392.0	3640.8	4002.6	4650.8	5412.1	6369.4	*6588.0*	6693.6
25°	3361.9	3392.0	3482.5	3678.4	3995.0	4417.1	5125.7	5969.9	7062.9	*7326.7*	7469.9
27.5°	3716.1	3723.7	3784.0	4032.7	4439.8	4959.9	5728.7	6686.0	7877.0	*8186.0*	8344.3
30°	4492.5	4500.1	4447.3	4515.1	4929.7	5600.6	6437.3	7522.7	8826.8	*9256.4*	9384.5
32.5°	5442.3	5480.0	5472.4	5427.2	5615.7	6241.3	7281.5	8525.2	9942.3	*10394.6*	10515.2
35°	6520.2	6610.6	6588.0	6573.0	6595.6	7062.9	8246.3	9633.3	11208.7	*11759.0*	11856.9
37.5°	7575.5	7598.1	7703.6	7831.8	7846.8	8171.0	9361.9	10809.2	12384.6	*13085.6*	13236.4
40°	8389.6	8464.9	8728.8	8985.0	9248.9	9505.2	10281.5	11759.0	13319.3	*14261.5*	14329.3
42.5°	9022.7	9203.6	9588.1	9987.6	10522.8	10809.2	11155.9	12429.8	14080.6	*15309.2*	15279.1
45°	9791.6	9867.0	10409.7	10937.3	11480.1	11917.2	11909.7	12995.1	14676.1	*16206.2*	16017.8
47.5°	10311.7	10402.1	11140.9	11759.0	12316.7	12535.3	12580.6	13605.7	15497.7	*17291.7*	16847.0
50°	10590.6	10748.9	11555.4	12339.4	12942.4	13010.2	13213.7	14404.7	16575.6	*18731.4*	17894.7
52.5°	10620.7	10771.5	11698.6	12708.7	13364.5	13500.2	13846.9	15309.2	17623.4	*19884.7*	18497.7
55°	*9995.1*	*10085.6*	*11525.3*	*12769.0*	*13696.2*	*14012.8*	*14721.3*	*16145.9*	*18233.9*	*20419.9*	*18445.0*
57.5°	9407.2	9497.6	10748.9	12663.5	14035.4	14683.6	15656.0	16718.8	17759.0	*19756.5*	17269.1
60°	8902.1	8947.4	10085.6	12173.5	14163.5	15339.4	16462.5	16153.5	16530.4	*18166.1*	15256.5
62.5°	7952.4	7982.5	9331.8	11291.6	13907.2	15844.4	16741.4	14955.0	15181.1	*15972.6*	12889.6
65°	6007.6	6120.7	7356.9	10628.3	13485.1	16078.1	16093.2	13492.6	13259.0	*13070.5*	10138.3
67.5°	4077.9	4206.1	4952.3	9557.9	12799.2	16176.1	14834.4	11600.7	10100.6	*9128.3*	6640.8
70°	3256.3	3256.3	3512.6	7681.0	11171.0	14924.8	13274.0	8758.9	6414.7	*5042.8*	3557.8
72.5°	2140.7	2148.3	2389.5	4876.9	7922.2	11382.1	10824.3	5065.4	3331.7	*2570.4*	1756.3
75°	776.4	776.4	1047.8	1952.3	4191.0	6776.5	6595.6	2419.6	1809.1	*1402.0*	1062.8
77.5°	414.6	429.7	505.0	806.5	1605.5	2758.8	2577.9	1236.2	1025.1	*874.4*	663.3
80°	278.9	286.4	339.2	497.5	776.4	1062.8	829.2	693.5	693.5	*587.9*	444.7
82.5°	150.8	158.3	226.1	324.1	414.6	497.5	399.5	407.0	490.0	*399.5*	256.3
85°	105.5	105.5	173.4	233.7	233.7	241.2	173.4	256.3	286.4	*248.7*	173.4
87.5°	60.3	60.3	98.0	113.1	113.1	105.5	52.8	90.5	113.1	*128.1*	75.4
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: P1458447
CATALOG NUMBER: GLAN-SB8A-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5	3693.5
2.5°	3708.6	3686.0	3640.8	3550.3	3505.1	3444.8	3392.0	3324.2	3309.1	3301.6	3271.4
5°	3768.9	3723.7	3588.0	3392.0	3226.2	3067.9	2909.6	2819.1	2743.8	2706.1	2698.5
7.5°	3919.7	3829.2	3580.4	3233.7	2924.7	2653.3	2419.6	2216.1	2110.6	2020.1	2027.7
10°	4145.8	4002.6	3595.5	3083.0	2623.2	2186.0	1846.8	1552.8	1341.7	1243.7	1236.2
12.5°	4447.3	4243.8	3648.3	2932.2	2253.8	1643.2	1213.6	1040.2	995.0	987.5	979.9
15°	4816.6	4530.2	3701.1	2736.2	1756.3	1138.2	987.5	949.8	942.2	934.7	934.7
17.5°	5261.4	4861.9	3731.2	2404.6	1281.4	979.9	927.1	904.5	897.0	889.5	889.5
20°	5819.2	5231.2	3768.9	1982.4	1085.4	942.2	881.9	851.8	844.2	844.2	836.7
22.5°	6369.4	5645.8	3738.7	1613.1	1047.8	897.0	829.2	799.0	783.9	783.9	776.4
25°	7002.6	6067.9	3648.3	1454.8	1040.2	859.3	776.4	731.2	708.6	701.0	701.0
27.5°	7726.2	6550.3	3505.1	1462.3	1040.2	829.2	708.6	648.2	633.2	618.1	618.1
30°	8555.4	7138.3	3399.5	1560.3	1055.3	799.0	648.2	572.9	550.3	535.2	542.7
32.5°	9505.2	7794.1	3392.0	1718.6	1077.9	753.8	580.4	497.5	474.9	467.3	474.9
35°	10583.1	8608.2	3565.4	1839.2	1017.6	655.8	497.5	429.7	407.0	407.0	414.6
37.5°	11781.6	9542.8	3799.0	1809.1	821.6	520.1	429.7	376.9	354.3	361.8	369.4
40°	12874.5	10274.0	3836.7	1545.2	618.1	444.7	369.4	331.7	316.6	324.1	331.7
42.5°	13703.7	10862.0	3474.9	1198.5	520.1	376.9	316.6	286.4	278.9	294.0	294.0
45°	14374.6	11095.6	2902.0	889.5	459.8	324.1	278.9	263.8	248.7	256.3	256.3
47.5°	15075.6	11133.3	2366.9	716.1	407.0	294.0	256.3	241.2	226.1	226.1	226.1
50°	15754.0	11042.9	1809.1	633.2	376.9	263.8	233.7	218.6	203.5	196.0	196.0
52.5°	15919.8	10319.2	1326.7	587.9	346.7	248.7	218.6	203.5	188.4	180.9	180.9
55°	*15460.0*	*8947.4*	*1040.2*	*527.6*	*316.6*	*226.1*	*203.5*	*188.4*	*165.8*	*158.3*	*158.3*
57.5°	13944.9	6821.7	829.2	452.3	286.4	218.6	188.4	173.4	150.8	143.2	143.2
60°	11977.5	4839.3	670.9	369.4	263.8	196.0	173.4	150.8	135.7	120.6	120.6
62.5°	9799.1	3474.9	542.7	309.0	248.7	173.4	158.3	135.7	105.5	82.9	82.9
65°	7515.2	2495.0	422.1	248.7	226.1	150.8	135.7	113.1	82.9	60.3	60.3
67.5°	4861.9	1613.1	316.6	218.6	173.4	128.1	105.5	90.5	75.4	52.8	45.2
70°	2562.8	942.2	233.7	188.4	128.1	98.0	90.5	75.4	60.3	37.7	37.7
72.5°	1326.7	618.1	173.4	165.8	98.0	67.8	75.4	60.3	45.2	22.6	22.6
75°	851.8	414.6	128.1	135.7	60.3	52.8	52.8	37.7	22.6	15.1	7.5
77.5°	550.3	278.9	90.5	113.1	37.7	30.2	30.2	15.1	7.5	0.0	0.0
80°	324.1	173.4	60.3	75.4	15.1	15.1	7.5	0.0	0.0	0.0	0.0
82.5°	165.8	90.5	30.2	30.2	7.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	105.5	45.2	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	52.8	15.1	7.5	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

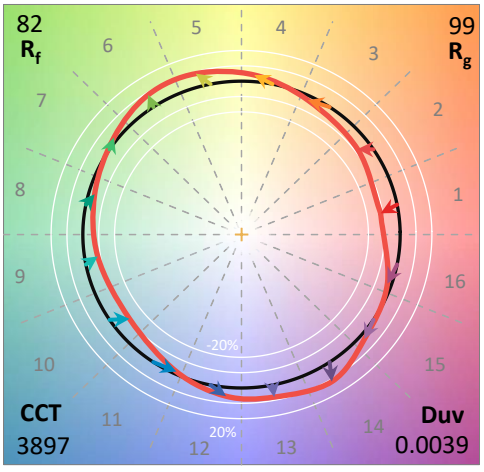
Test Information

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

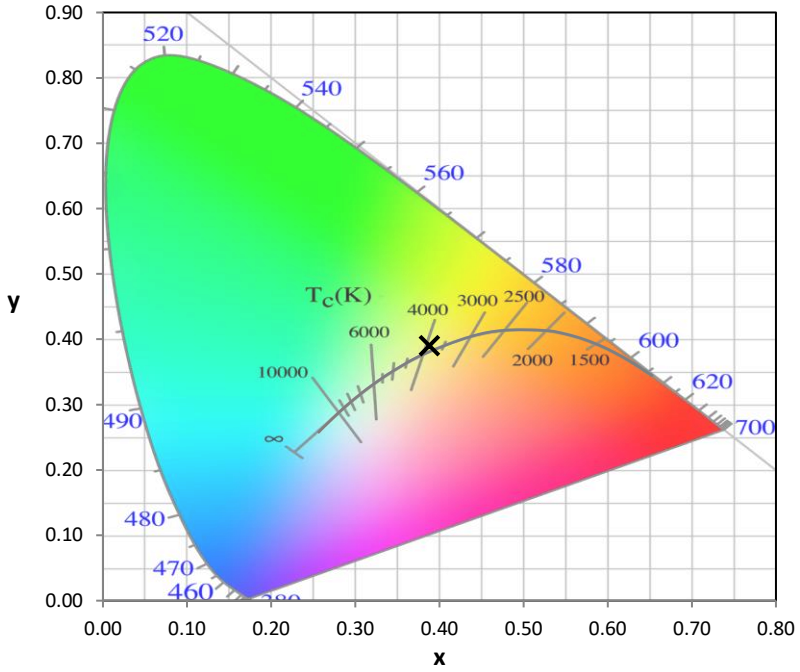
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

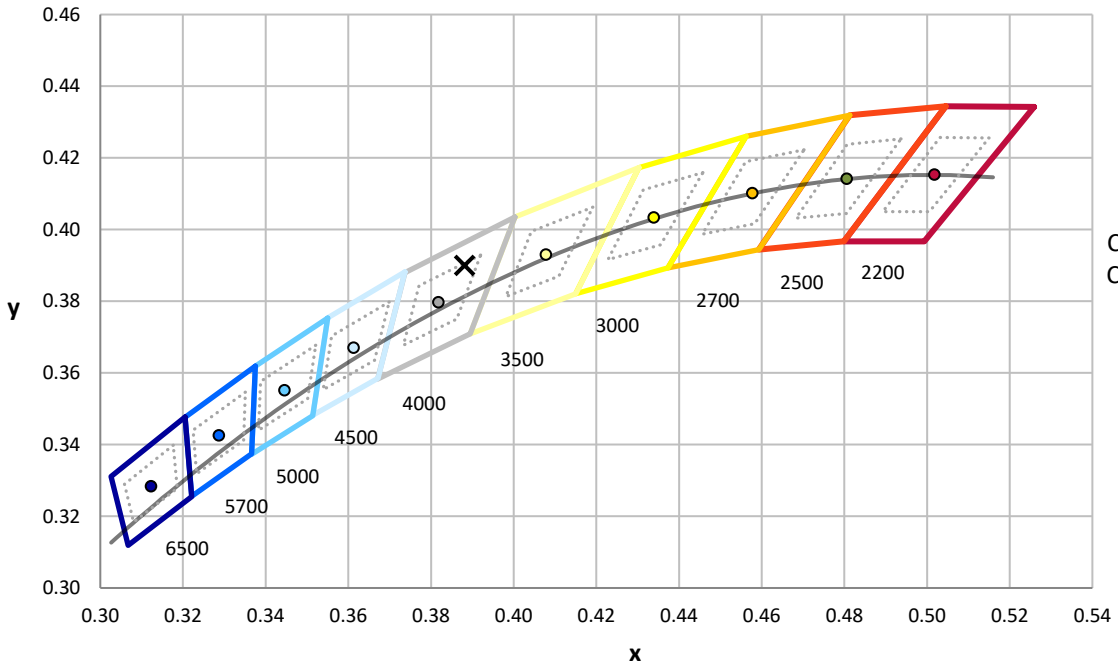
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

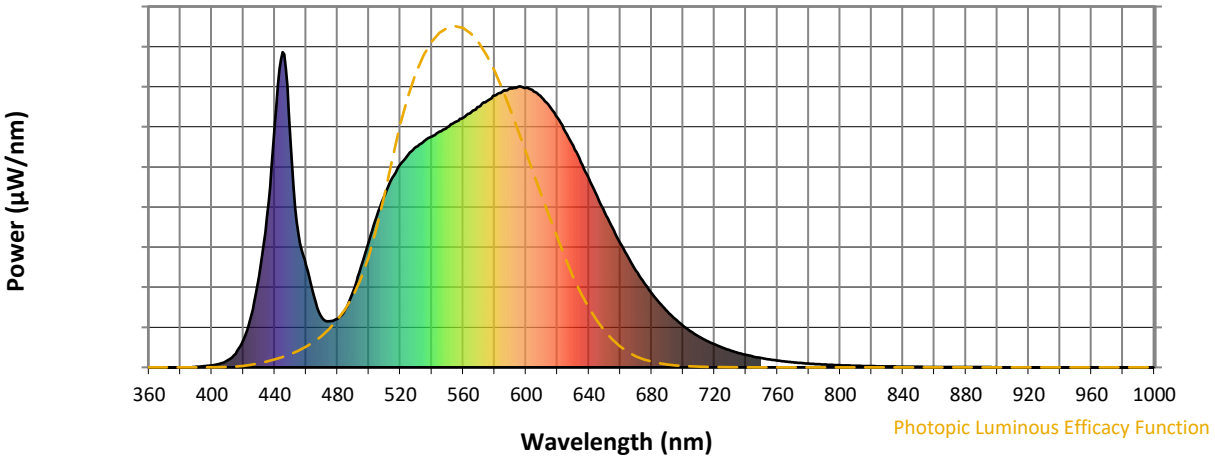


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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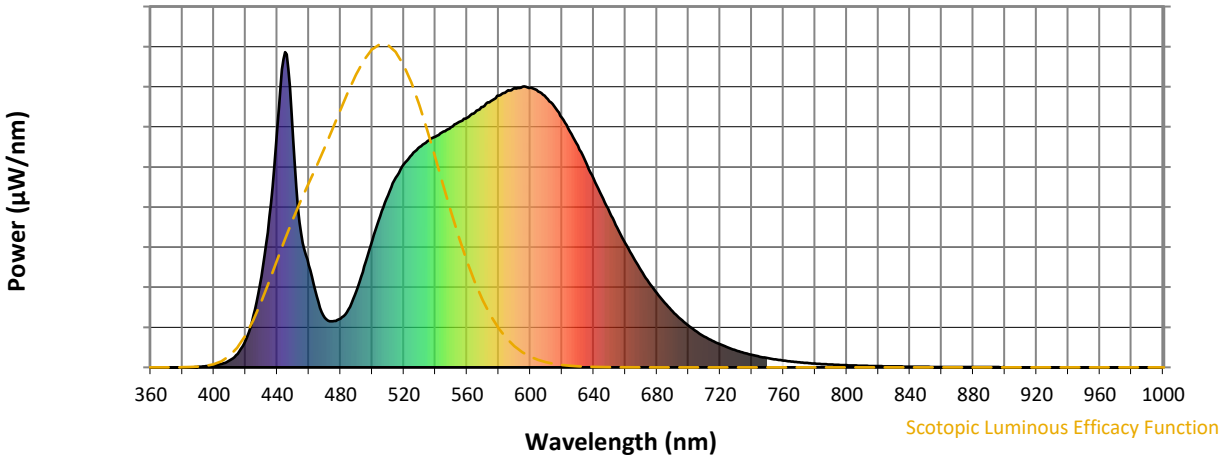
Scotopic Flux vs. Wavelength



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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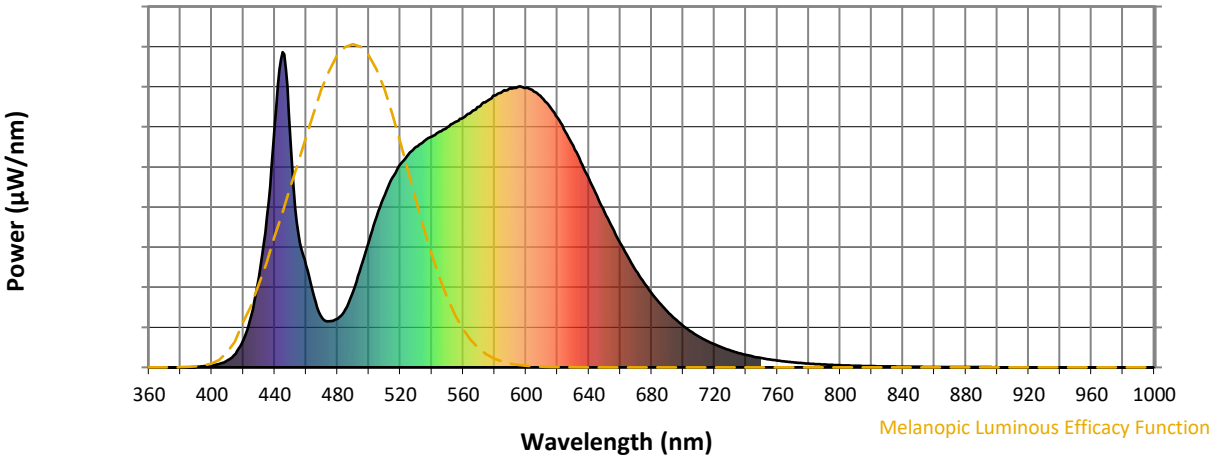
Melanopic Flux vs. Wavelength



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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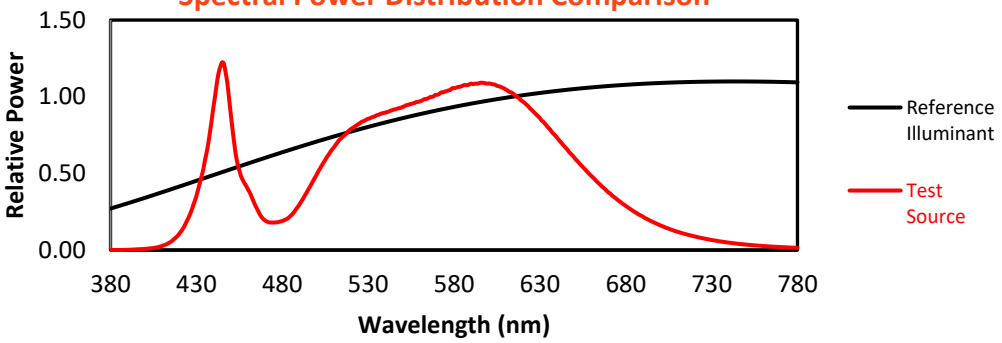
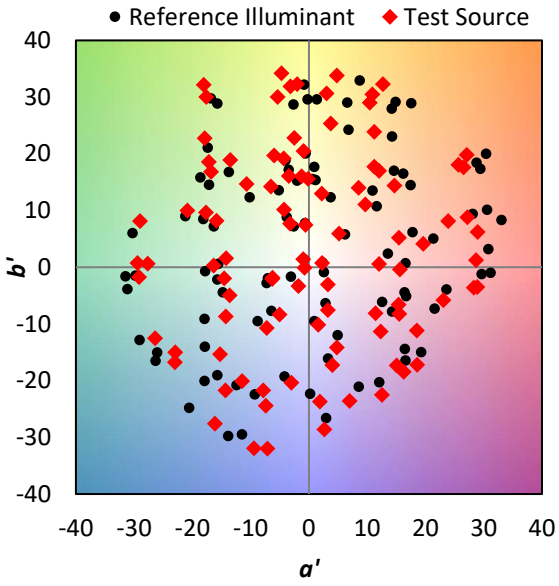
Summary

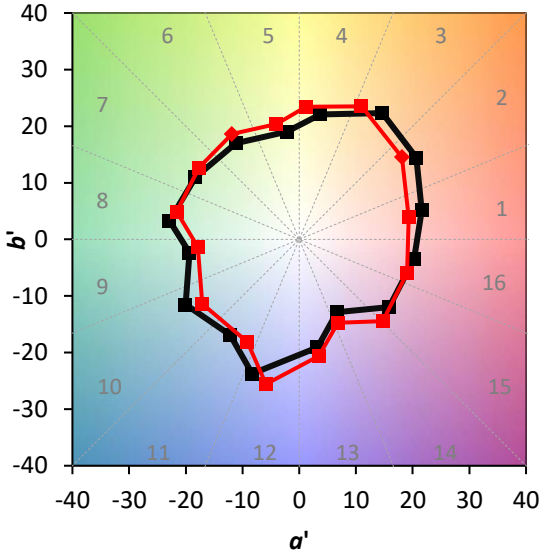
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

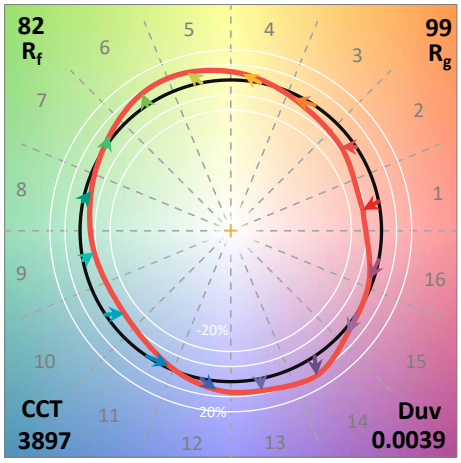
Spectral Power Distribution Comparison

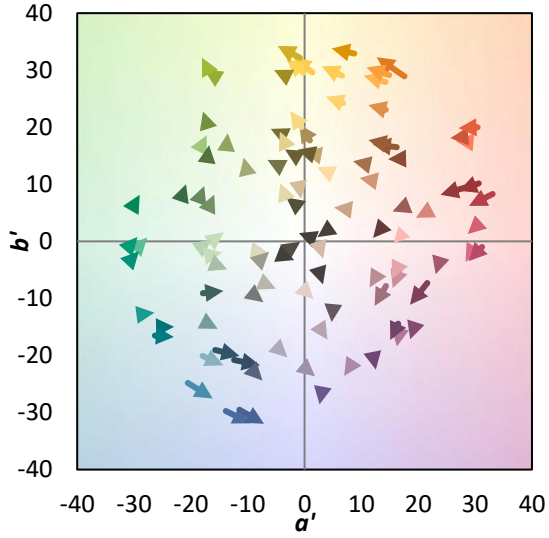


Color Vector Graphics









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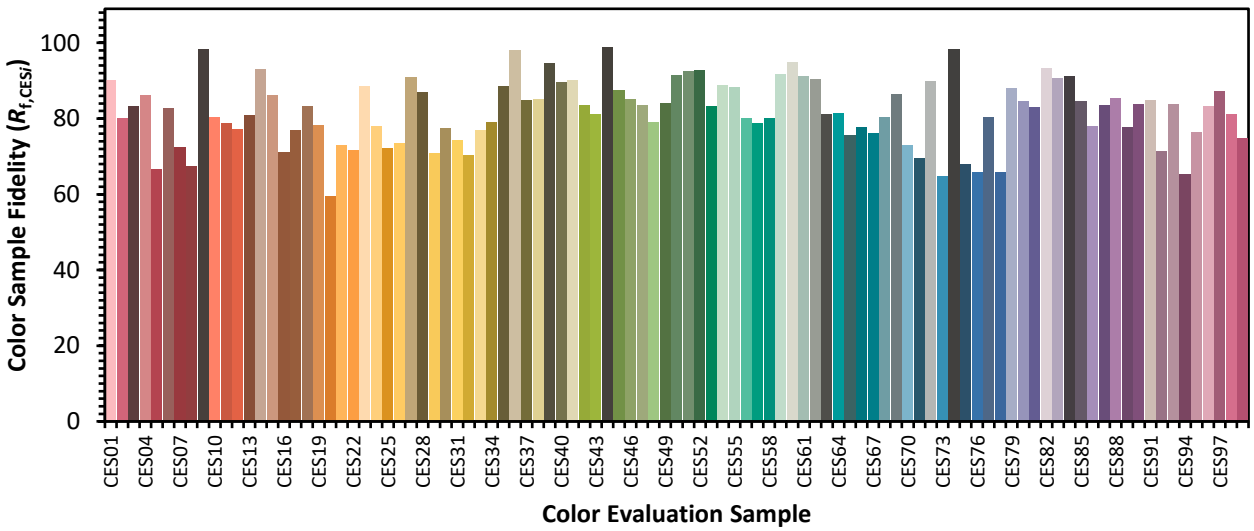
Individual Sample Fidelity Index ($R_{f,i}$)

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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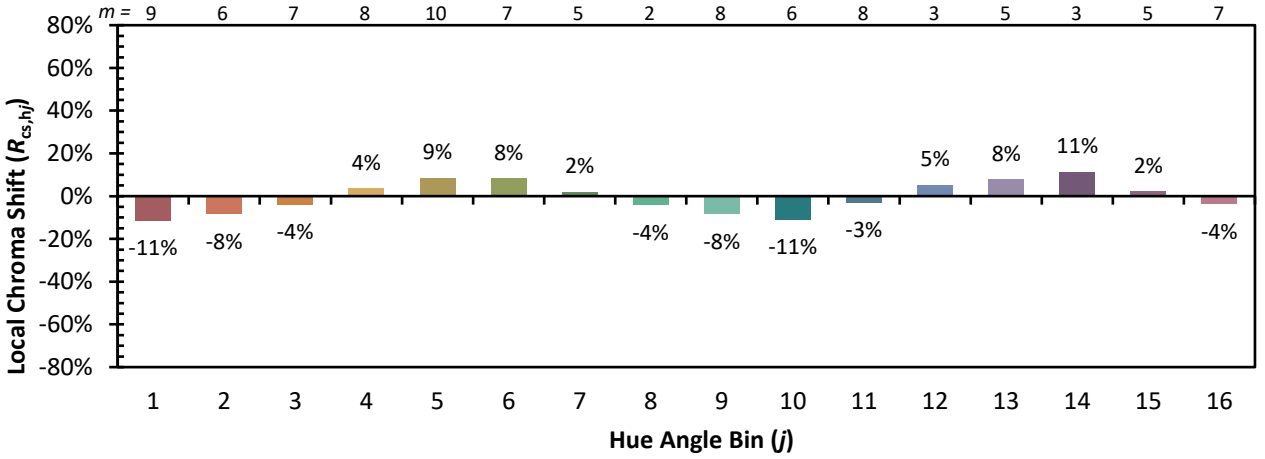
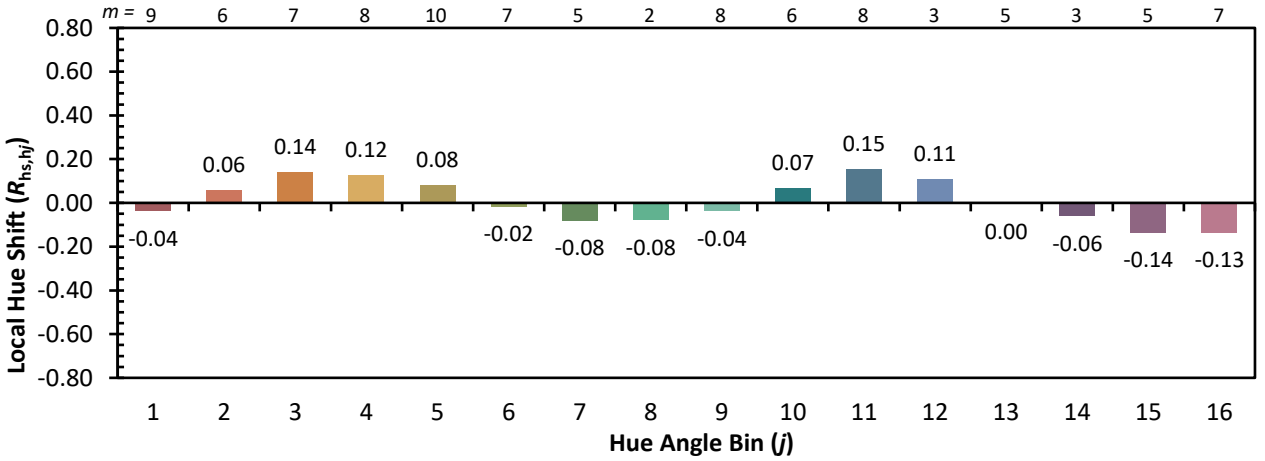
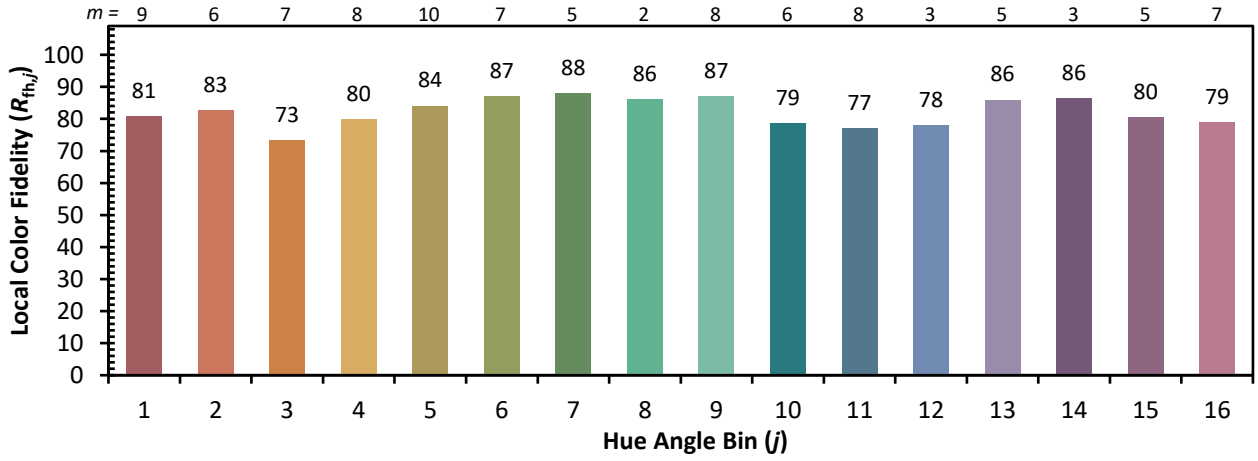
Color Rendition by Hue-Angle Bin







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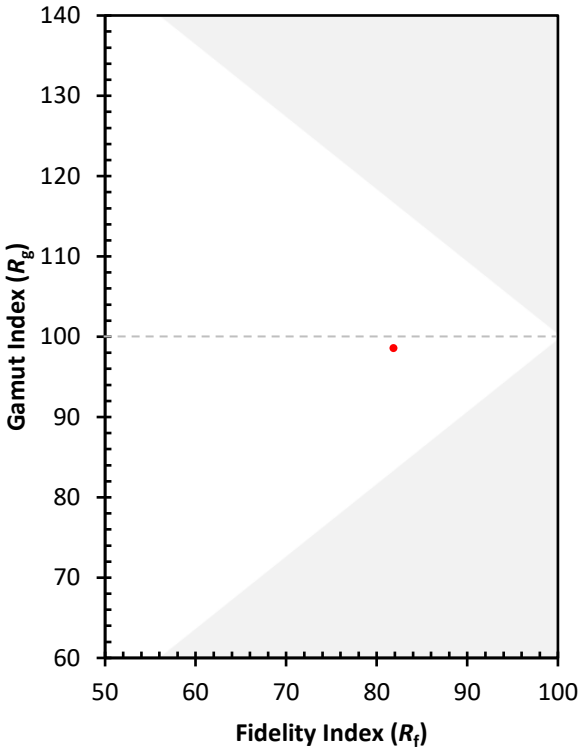
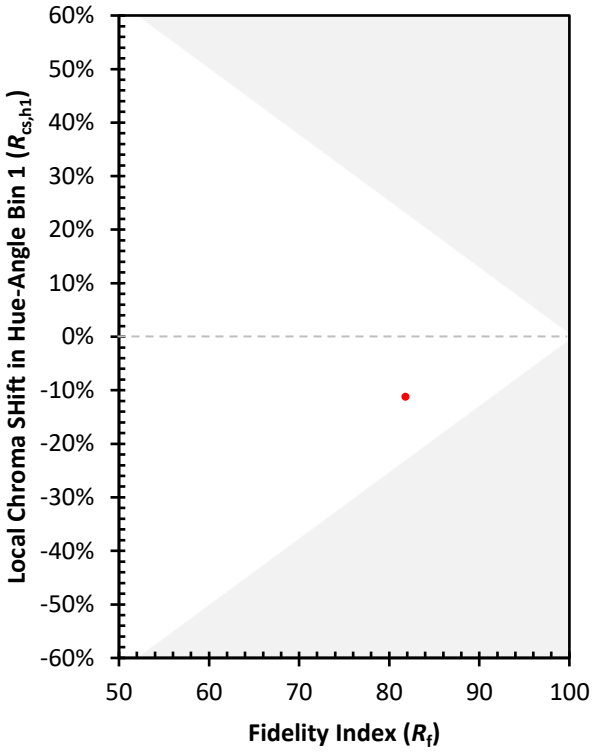
Measure Comparisons





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