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: P1458430

Luminaire Tested: GLAN-SB3D-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:	P1458430
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3D-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III 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:	22318.3 lumens
Efficiency:	N/A
Efficacy:	102.3 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):	218.1
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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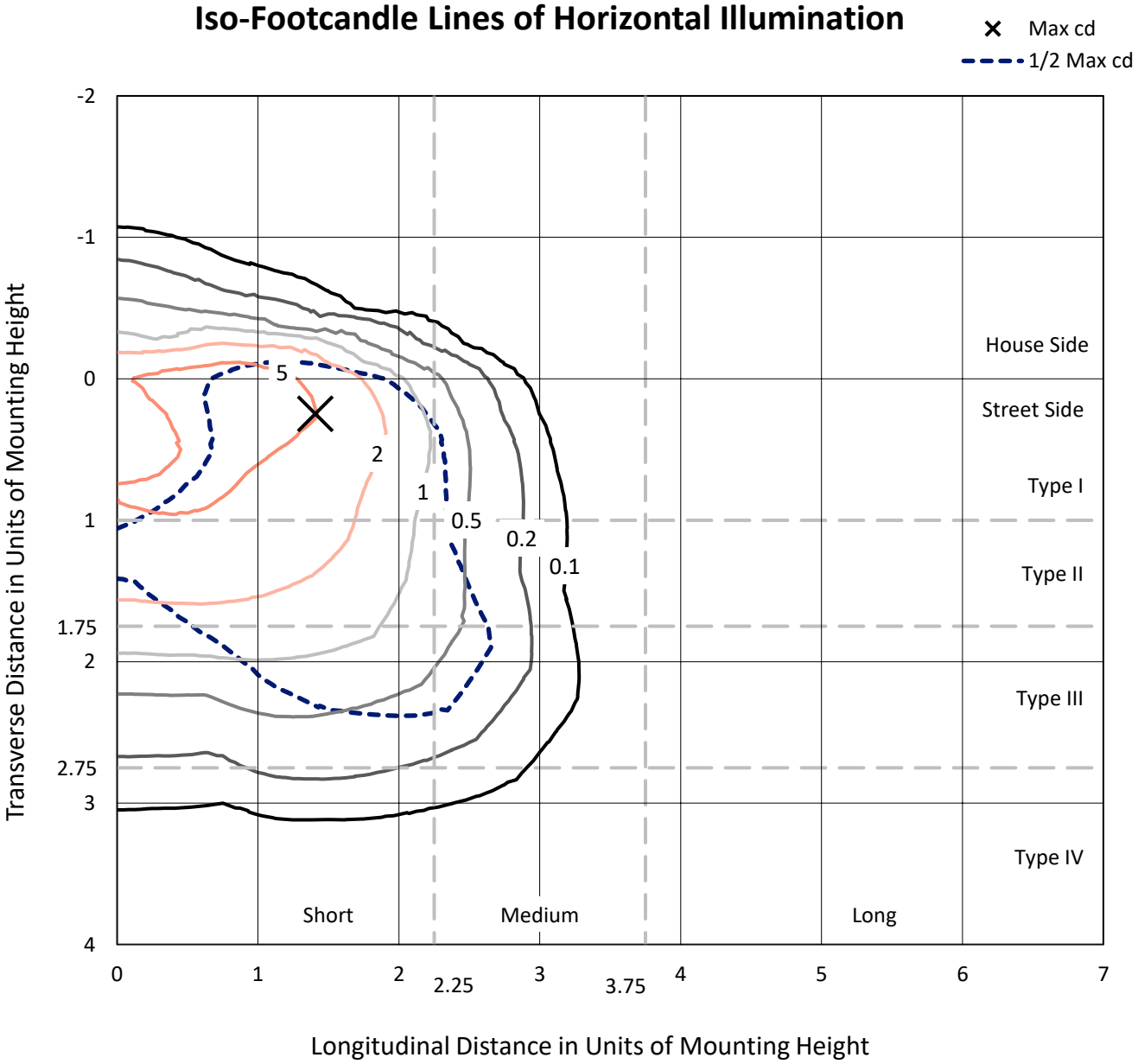
REPORT NUMBER: P1458430
CATALOG NUMBER: GLAN-SB3D-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1458430
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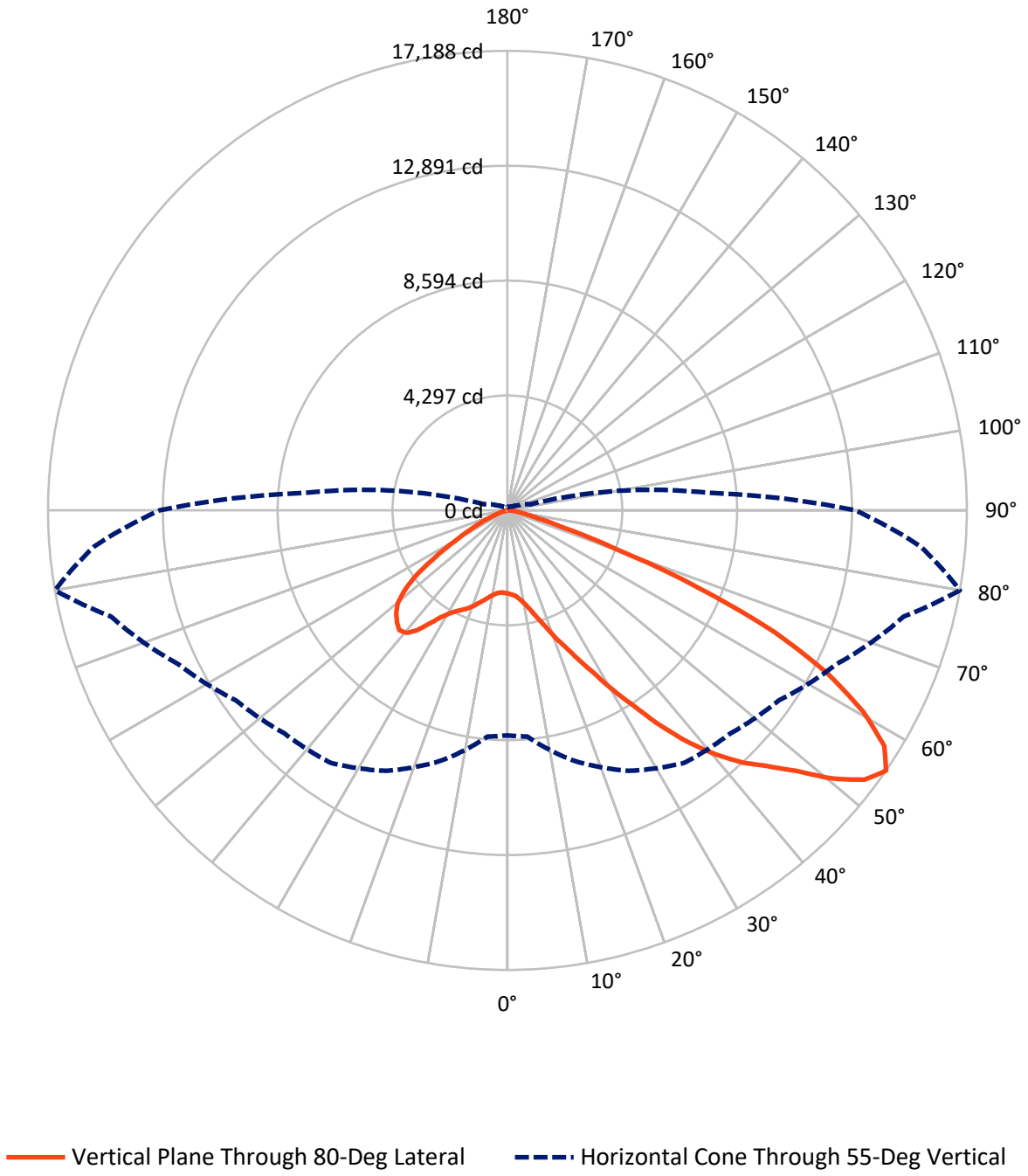
Luminous Intensity Polar Plot



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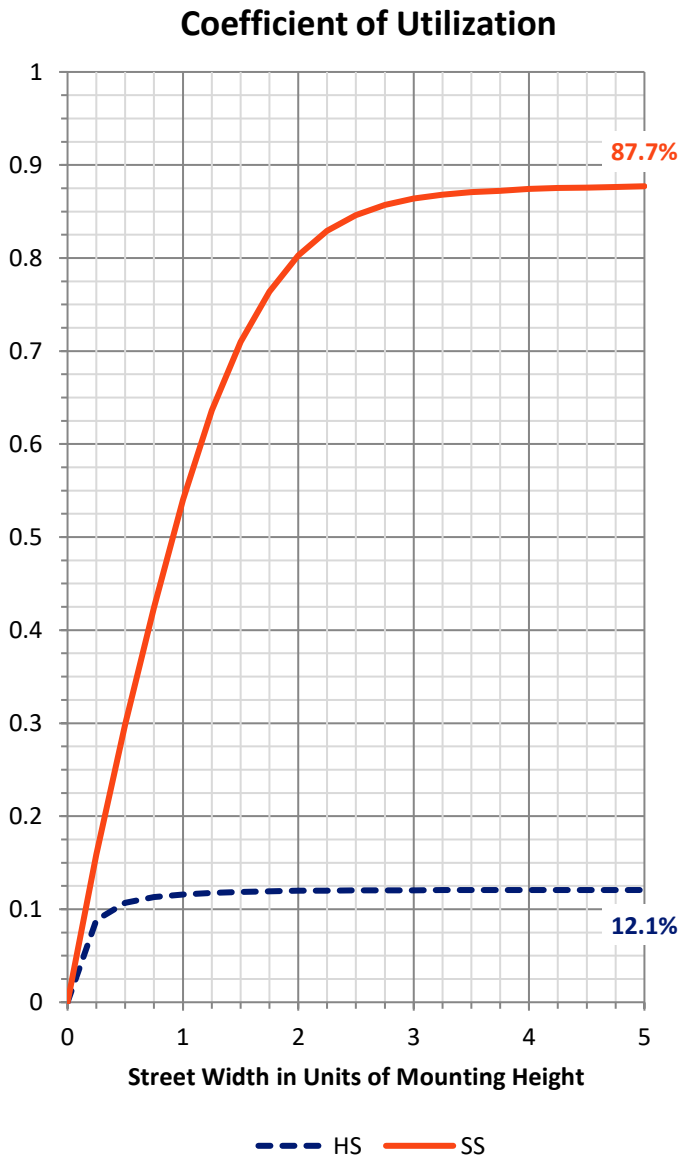
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2713.0	0.0	2713.0
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	19605.3	0.0	19605.3
	% Fixture	87.8	0.0	87.8
Total	Lumens	22318.3	0.0	22318.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.9	1.2
10°-20°	687.8	3.1
20°-30°	1346.6	6.0
30°-40°	2739.5	12.3
40°-50°	4618.4	20.7
50°-60°	5900.9	26.4
60°-70°	5038.0	22.6
70°-80°	1609.9	7.2
80°-90°	116.2	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°	22318.3	100.0
0°-180°	22318.3	100.0



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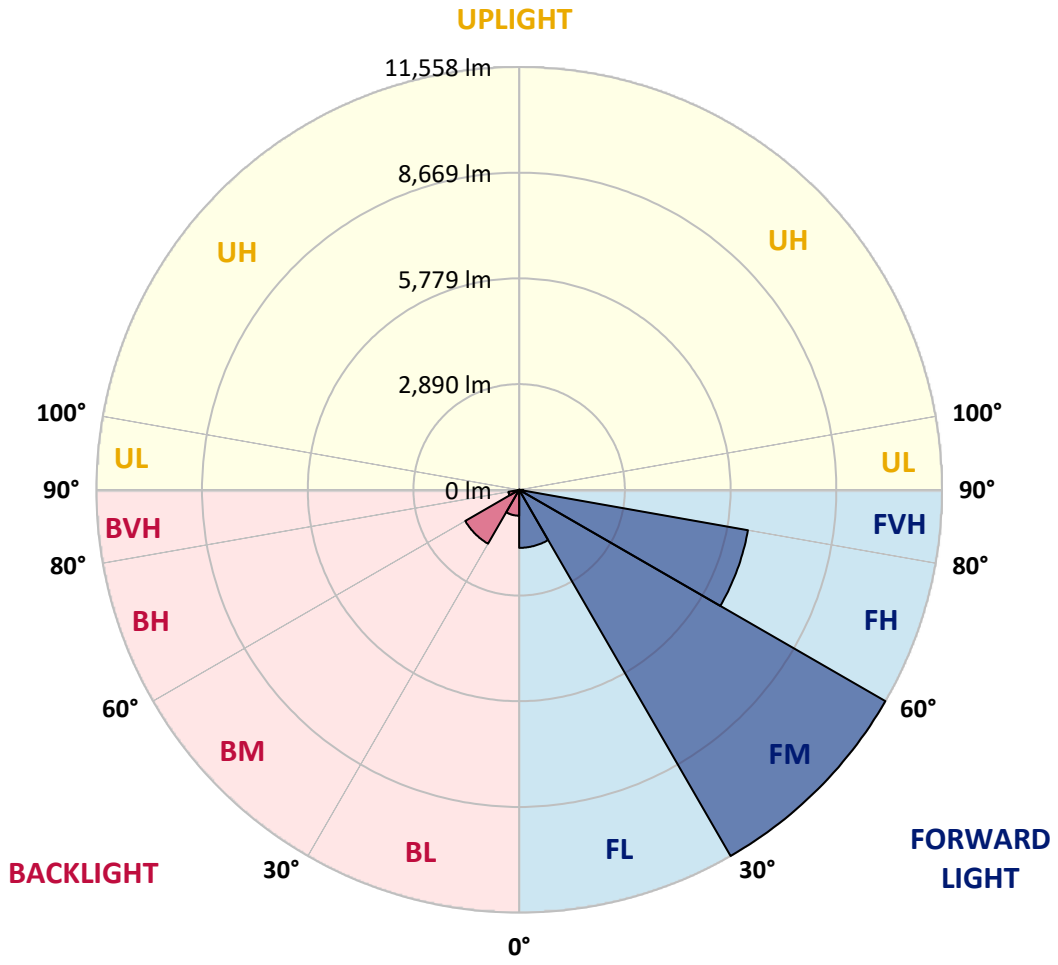
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1586.9	7.1			
FM	(30°-60°)	11558.5	51.8			
FH	(60°-80°)	6349.7	28.5			G3/7500
FVH	(80°-90°)	110.2	0.5			G2/225
BL	(0°-30°)	708.4	3.2	B2/1000		
BM	(30°-60°)	1700.3	7.6	B2/2500		
BH	(60°-80°)	298.2	1.3	B1/500		G1/500
BVH	(80°-90°)	6.1	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: P1458430
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	*3108.9*	3108.9
2.5°	3127.9	3134.3	3127.9	3134.3	3147.0	3140.6	3166.0	3159.7	3159.7	*3153.3*	3127.9
5°	2950.3	2956.6	2969.3	3001.0	3045.5	3089.9	3147.0	3185.0	3223.1	*3216.8*	3191.4
7.5°	2601.3	2614.0	2664.8	2728.2	2874.1	3007.4	3153.3	3248.5	3331.0	*3356.3*	3337.3
10°	2404.6	2417.3	2449.1	2512.5	2645.7	2867.8	3153.3	3350.0	3495.9	*3546.7*	3553.0
12.5°	2385.6	2392.0	2417.3	2487.1	2601.3	2791.7	3147.0	3483.2	3730.7	*3806.8*	3832.2
15°	2398.3	2411.0	2436.4	2493.5	2626.7	2842.4	3197.7	3692.6	4041.6	*4149.4*	4155.8
17.5°	2449.1	2461.7	2493.5	2556.9	2702.8	2975.7	3356.3	3908.3	4415.9	*4536.5*	4606.3
20°	2550.6	2556.9	2595.0	2677.5	2842.4	3140.6	3591.1	4200.2	4866.4	*5044.0*	5094.8
22.5°	2683.8	2702.8	2753.6	2855.1	3064.5	3369.0	3914.7	4555.5	5361.3	*5545.3*	5634.1
25°	2829.7	2855.1	2931.3	3096.2	3362.7	3718.0	4314.4	5025.0	5945.0	*6167.0*	6287.6
27.5°	3127.9	3134.3	3185.0	3394.4	3737.0	4174.8	4822.0	5627.7	6630.2	*6890.3*	7023.6
30°	3781.4	3787.8	3743.4	3800.5	4149.4	4714.1	5418.4	6332.0	7429.6	*7791.3*	7899.2
32.5°	4580.9	4612.6	4606.3	4568.2	4726.8	5253.4	6129.0	7175.9	8368.7	*8749.3*	8850.9
35°	5488.2	5564.3	5545.3	5532.6	5551.6	5945.0	6941.1	8108.5	9434.6	*9897.7*	9980.2
37.5°	6376.4	6395.5	6484.3	6592.1	6604.8	6877.7	7880.1	9098.3	10424.3	*11014.4*	11141.3
40°	7061.7	7125.1	7347.2	7562.9	7784.9	8000.7	8654.2	9897.7	11211.1	*12004.2*	12061.3
42.5°	7594.6	7746.9	8070.5	8406.7	8857.2	9098.3	9390.2	10462.4	11851.9	*12886.1*	12860.7
45°	8241.8	8305.2	8762.0	9206.2	9663.0	10031.0	10024.6	10938.3	12353.1	*13641.1*	13482.5
47.5°	8679.5	8755.7	9377.5	9897.7	10367.2	10551.2	10589.3	11452.2	13044.7	*14554.7*	14180.4
50°	8914.3	9047.5	9726.4	10386.3	10893.8	10951.0	11122.3	12124.7	13952.0	*15766.6*	15062.3
52.5°	8939.7	9066.6	9847.0	10697.2	11249.2	11363.4	11655.2	12886.1	14833.9	*16737.3*	15569.9
55°	*8413.1*	*8489.2*	*9701.0*	*10747.9*	*11528.3*	*11794.8*	*12391.2*	*13590.3*	*15347.8*	*17187.8*	*15525.5*
57.5°	7918.2	7994.3	9047.5	10659.1	11813.8	12359.5	13177.9	14072.5	14948.1	*16629.5*	14535.7
60°	7493.1	7531.2	8489.2	10246.7	11921.7	12911.5	13856.8	13596.7	13913.9	*15290.7*	12841.7
62.5°	6693.7	6719.0	7854.7	9504.4	11706.0	13336.6	14091.6	12587.9	12778.2	*13444.4*	10849.4
65°	5056.7	5151.9	6192.4	8946.0	11350.7	13533.2	13545.9	11357.0	11160.3	*11001.7*	8533.6
67.5°	3432.5	3540.3	4168.5	8045.1	10773.3	13615.7	12486.4	9764.5	8501.9	*7683.4*	5589.7
70°	2740.9	2740.9	2956.6	6465.2	9402.8	12562.5	11173.0	7372.5	5399.3	*4244.6*	2994.7
72.5°	1801.9	1808.2	2011.3	4105.0	6668.3	9580.5	9111.0	4263.6	2804.4	*2163.5*	1478.3
75°	653.5	653.5	881.9	1643.3	3527.7	5703.9	5551.6	2036.6	1522.7	*1180.1*	894.6
77.5°	349.0	361.6	425.1	678.9	1351.4	2322.2	2169.9	1040.5	862.9	*736.0*	558.3
80°	234.8	241.1	285.5	418.8	653.5	894.6	697.9	583.7	583.7	*494.9*	374.3
82.5°	126.9	133.2	190.3	272.8	349.0	418.8	336.3	342.6	412.4	*336.3*	215.7
85°	88.8	88.8	145.9	196.7	196.7	203.0	145.9	215.7	241.1	*209.4*	145.9
87.5°	50.8	50.8	82.5	95.2	95.2	88.8	44.4	76.1	95.2	*107.9*	63.4
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: P1458430
CATALOG NUMBER: GLAN-SB3D-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9	3108.9
2.5°	3121.6	3102.6	3064.5	2988.4	2950.3	2899.5	2855.1	2798.0	2785.3	2779.0	2753.6
5°	3172.3	3134.3	3020.1	2855.1	2715.5	2582.3	2449.1	2372.9	2309.5	2277.7	2271.4
7.5°	3299.2	3223.1	3013.7	2721.9	2461.7	2233.3	2036.6	1865.3	1776.5	1700.4	1706.7
10°	3489.6	3369.0	3026.4	2595.0	2208.0	1840.0	1554.5	1307.0	1129.4	1046.9	1040.5
12.5°	3743.4	3572.1	3070.8	2468.1	1897.1	1383.1	1021.5	875.6	837.5	831.2	824.8
15°	4054.3	3813.2	3115.2	2303.1	1478.3	958.0	831.2	799.4	793.1	786.7	786.7
17.5°	4428.6	4092.3	3140.6	2024.0	1078.6	824.8	780.4	761.4	755.0	748.7	748.7
20°	4898.1	4403.2	3172.3	1668.7	913.6	793.1	742.3	717.0	710.6	710.6	704.3
22.5°	5361.3	4752.2	3147.0	1357.8	881.9	755.0	697.9	672.5	659.8	659.8	653.5
25°	5894.2	5107.5	3070.8	1224.5	875.6	723.3	653.5	615.4	596.4	590.1	590.1
27.5°	6503.3	5513.5	2950.3	1230.9	875.6	697.9	596.4	545.6	533.0	520.3	520.3
30°	7201.2	6008.4	2861.5	1313.4	888.3	672.5	545.6	482.2	463.2	450.5	456.8
32.5°	8000.7	6560.4	2855.1	1446.6	907.3	634.5	488.5	418.8	399.7	393.4	399.7
35°	8908.0	7245.6	3001.0	1548.1	856.5	552.0	418.8	361.6	342.6	342.6	349.0
37.5°	9916.8	8032.4	3197.7	1522.7	691.6	437.8	361.6	317.2	298.2	304.5	310.9
40°	10836.7	8647.8	3229.5	1300.7	520.3	374.3	310.9	279.2	266.5	272.8	279.2
42.5°	11534.7	9142.7	2924.9	1008.8	437.8	317.2	266.5	241.1	234.8	247.4	247.4
45°	12099.3	9339.4	2442.7	748.7	387.0	272.8	234.8	222.1	209.4	215.7	215.7
47.5°	12689.4	9371.1	1992.2	602.7	342.6	247.4	215.7	203.0	190.3	190.3	190.3
50°	13260.4	9295.0	1522.7	533.0	317.2	222.1	196.7	184.0	171.3	165.0	165.0
52.5°	13400.0	8685.9	1116.7	494.9	291.9	209.4	184.0	171.3	158.6	152.3	152.3
55°	*13013.0*	*7531.2*	*875.6*	*444.1*	*266.5*	*190.3*	*171.3*	*158.6*	*139.6*	*133.2*	*133.2*
57.5°	11737.7	5742.0	697.9	380.7	241.1	184.0	158.6	145.9	126.9	120.5	120.5
60°	10081.7	4073.3	564.7	310.9	222.1	165.0	145.9	126.9	114.2	101.5	101.5
62.5°	8248.1	2924.9	456.8	260.1	209.4	145.9	133.2	114.2	88.8	69.8	69.8
65°	6325.7	2100.1	355.3	209.4	190.3	126.9	114.2	95.2	69.8	50.8	50.8
67.5°	4092.3	1357.8	266.5	184.0	145.9	107.9	88.8	76.1	63.4	44.4	38.1
70°	2157.2	793.1	196.7	158.6	107.9	82.5	76.1	63.4	50.8	31.7	31.7
72.5°	1116.7	520.3	145.9	139.6	82.5	57.1	63.4	50.8	38.1	19.0	19.0
75°	717.0	349.0	107.9	114.2	50.8	44.4	44.4	31.7	19.0	12.7	6.3
77.5°	463.2	234.8	76.1	95.2	31.7	25.4	25.4	12.7	6.3	0.0	0.0
80°	272.8	145.9	50.8	63.4	12.7	12.7	6.3	0.0	0.0	0.0	0.0
82.5°	139.6	76.1	25.4	25.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	88.8	38.1	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	44.4	12.7	6.3	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

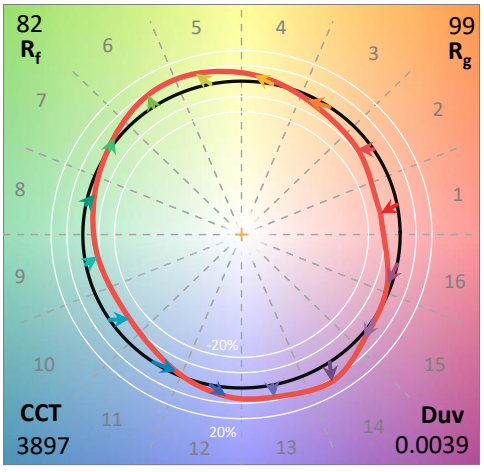
Test Information

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

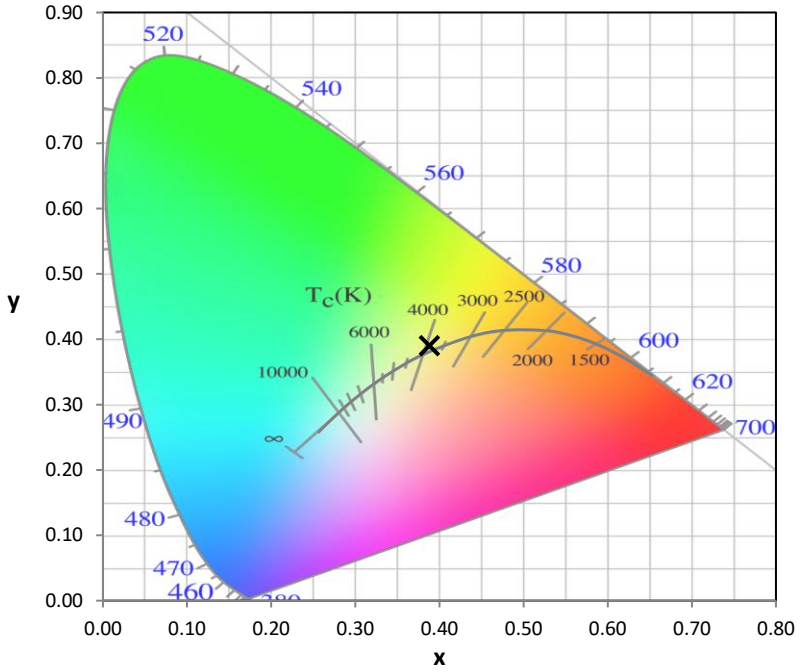
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

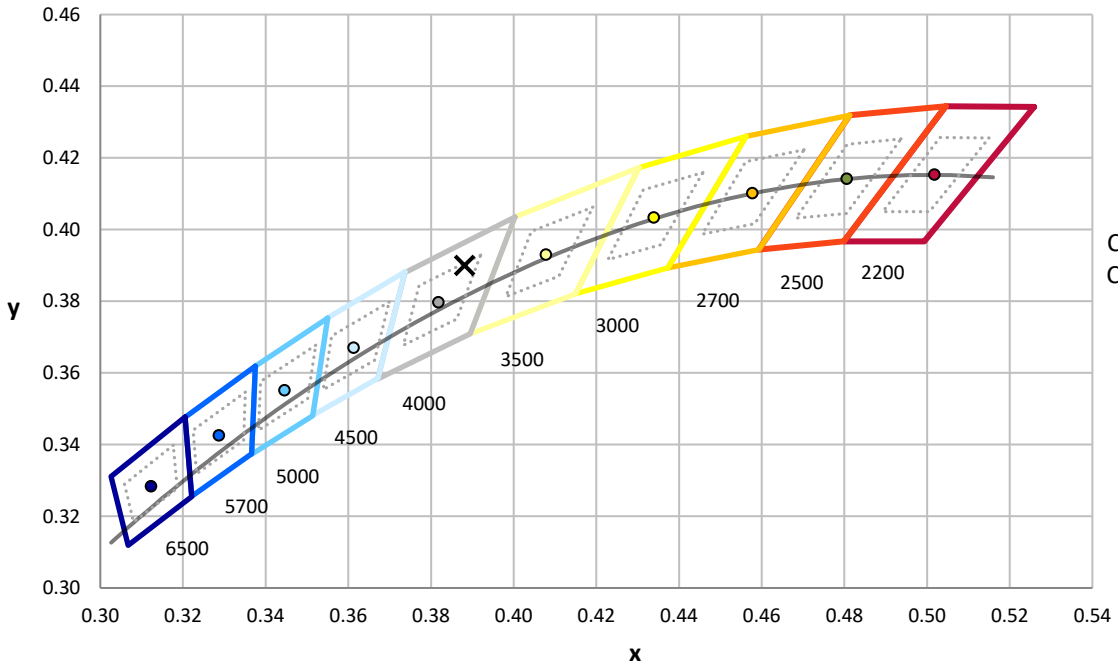
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

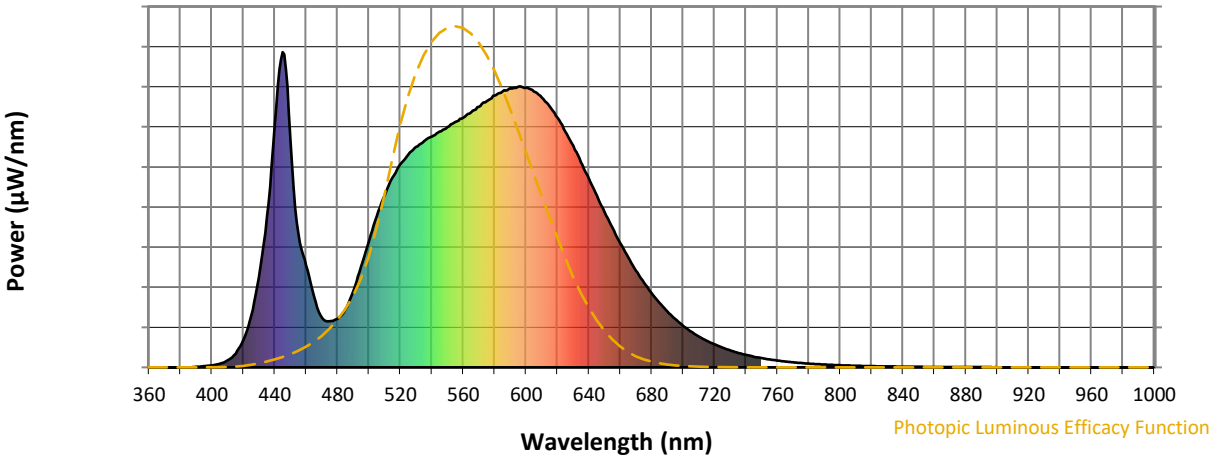


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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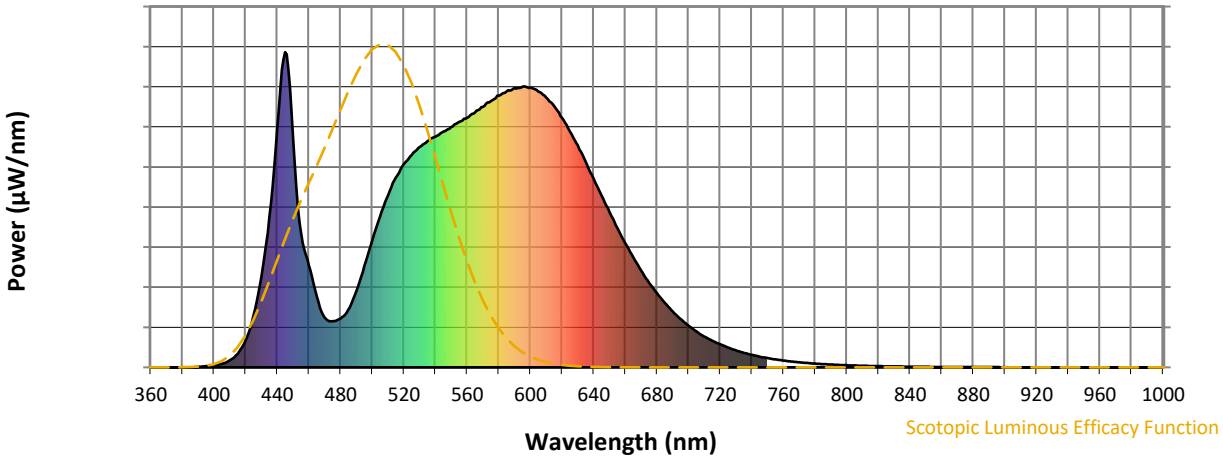
Scotopic Flux vs. Wavelength



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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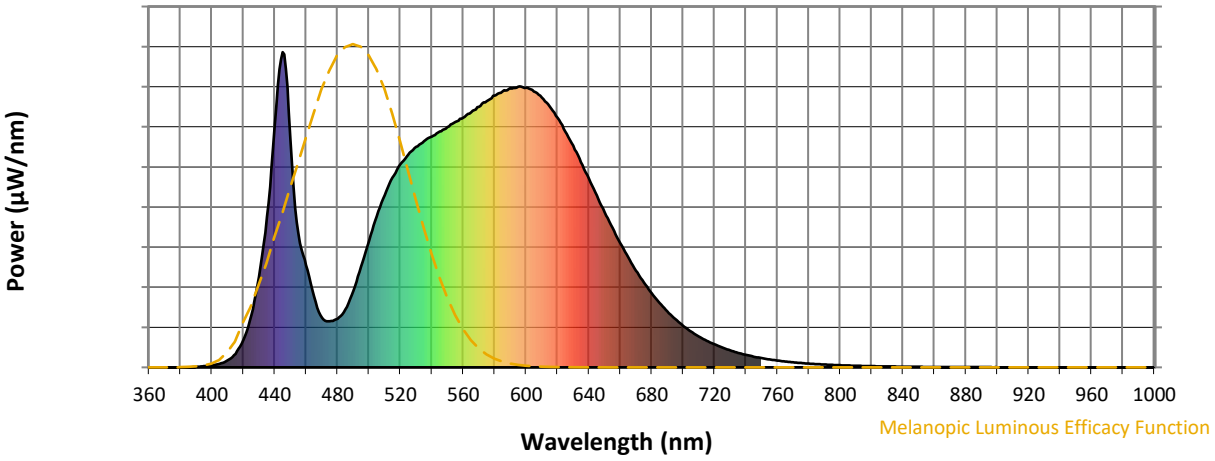
Melanopic Flux vs. Wavelength



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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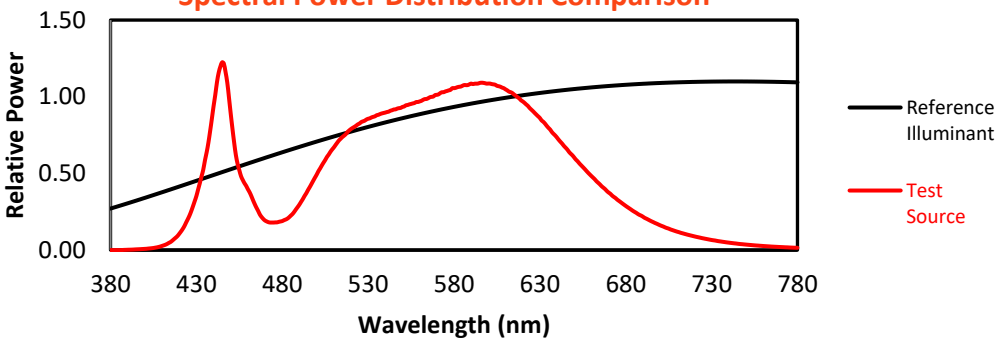
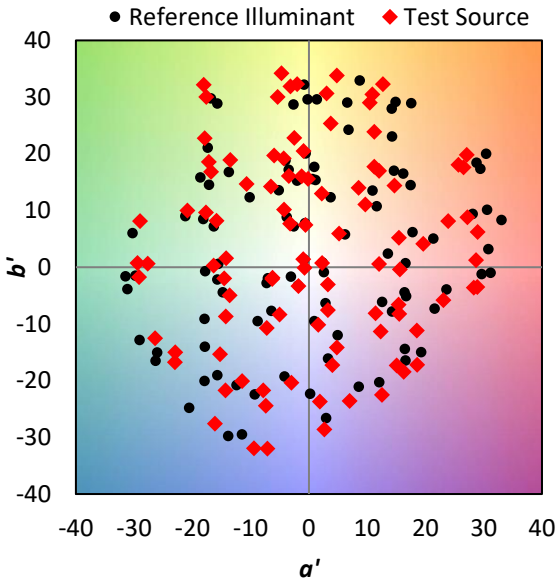
Summary

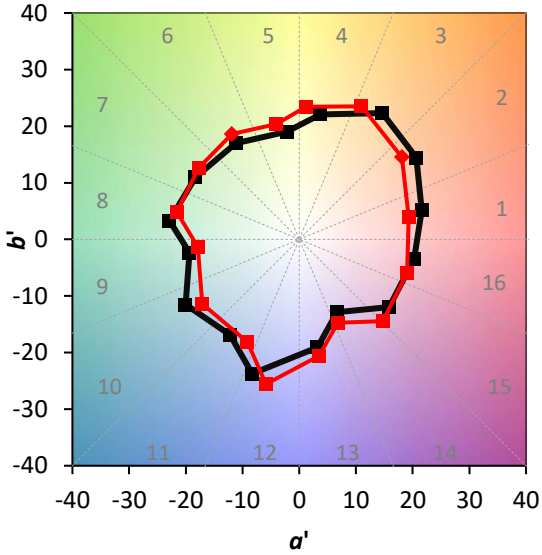
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

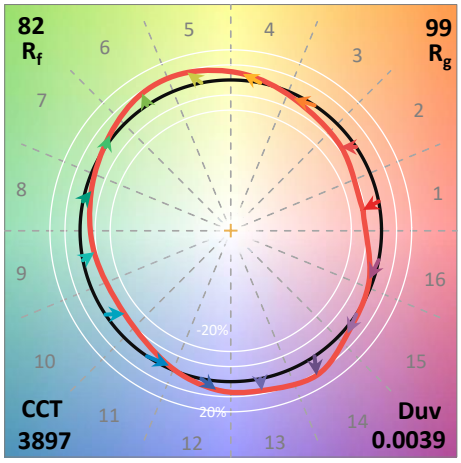
Spectral Power Distribution Comparison

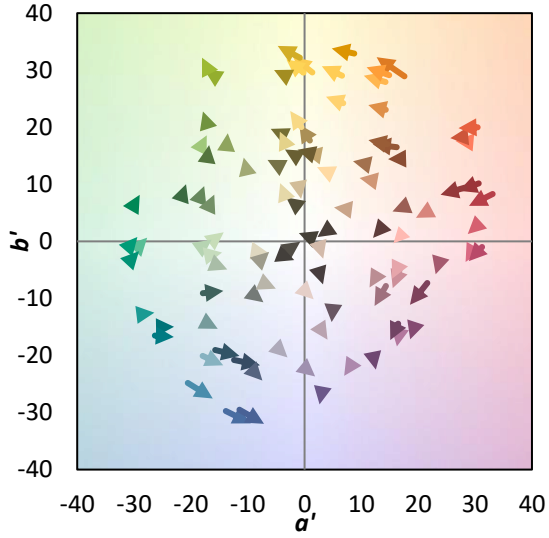


Color Vector Graphics









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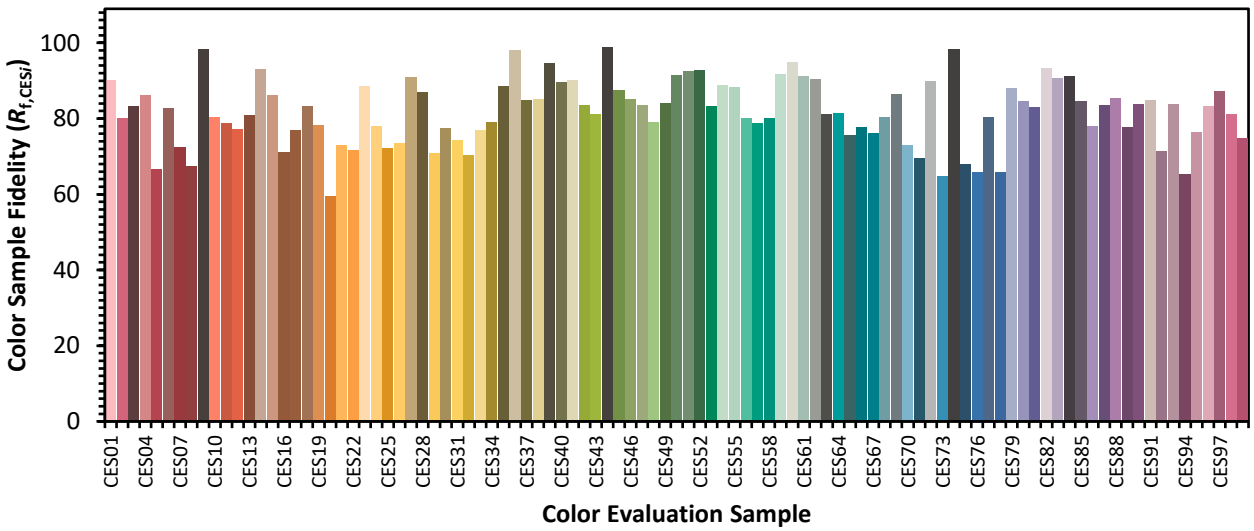
Individual Sample Fidelity Index ($R_{f,i}$)

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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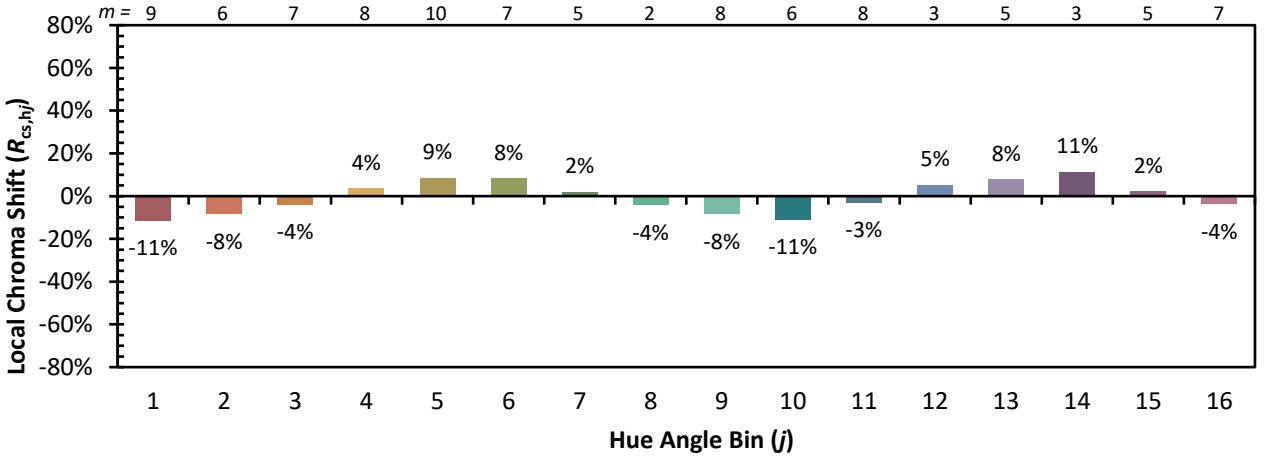
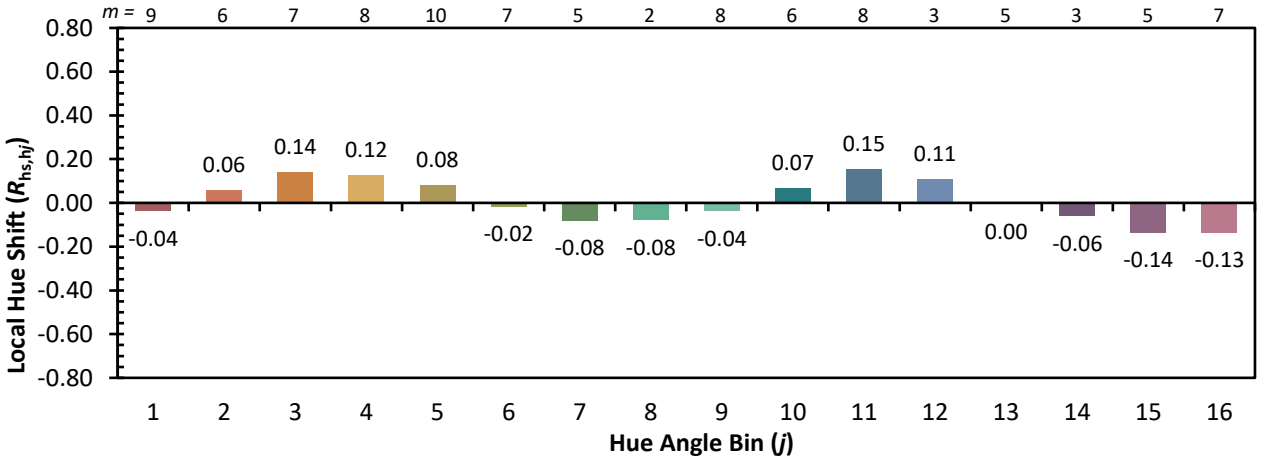
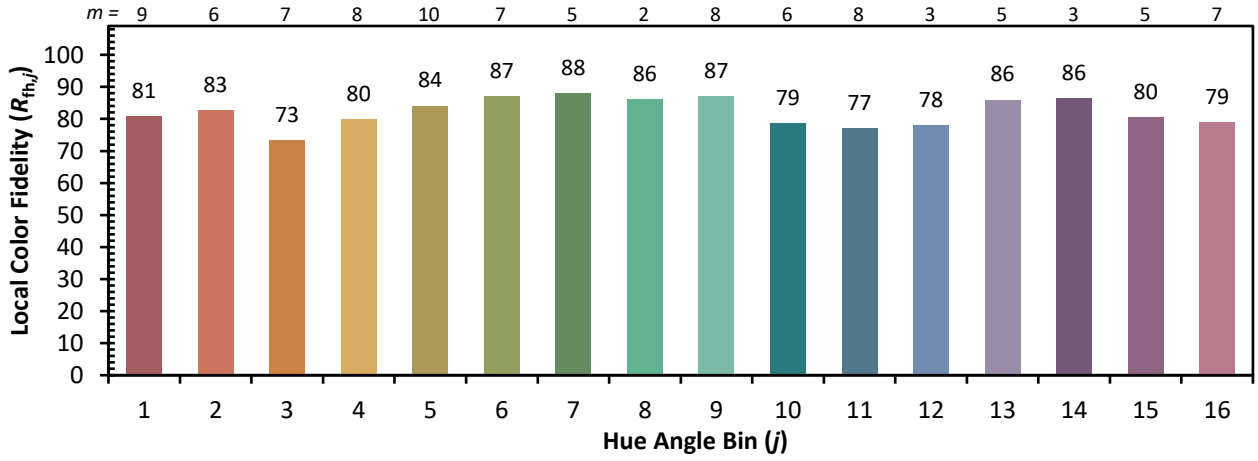
Color Rendition by Hue-Angle Bin







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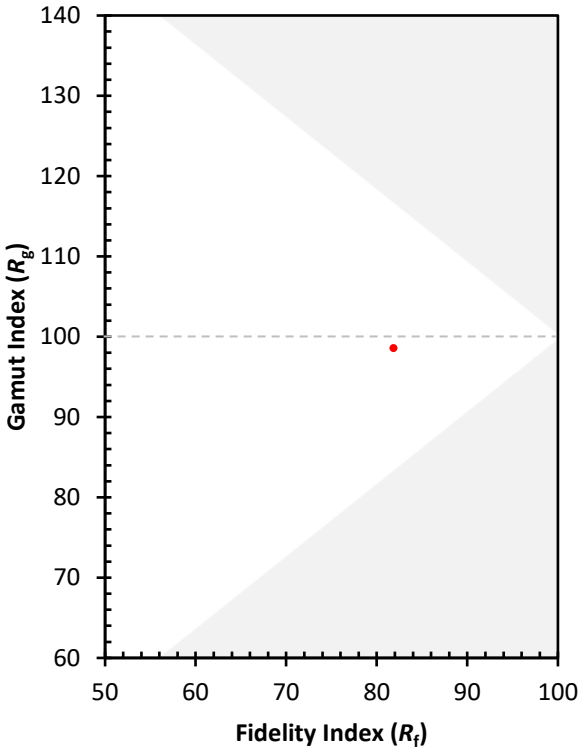
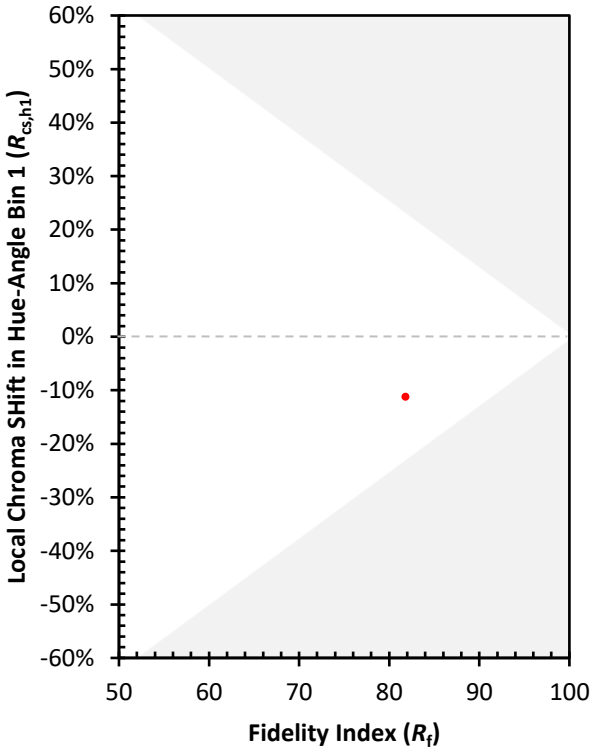
Measure Comparisons





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