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: P1458542

Luminaire Tested: GLAN-SB4D-930-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:	P1458542
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-930-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21699.7 lumens
Efficiency:	N/A
Efficacy:	73.9 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):	293.6
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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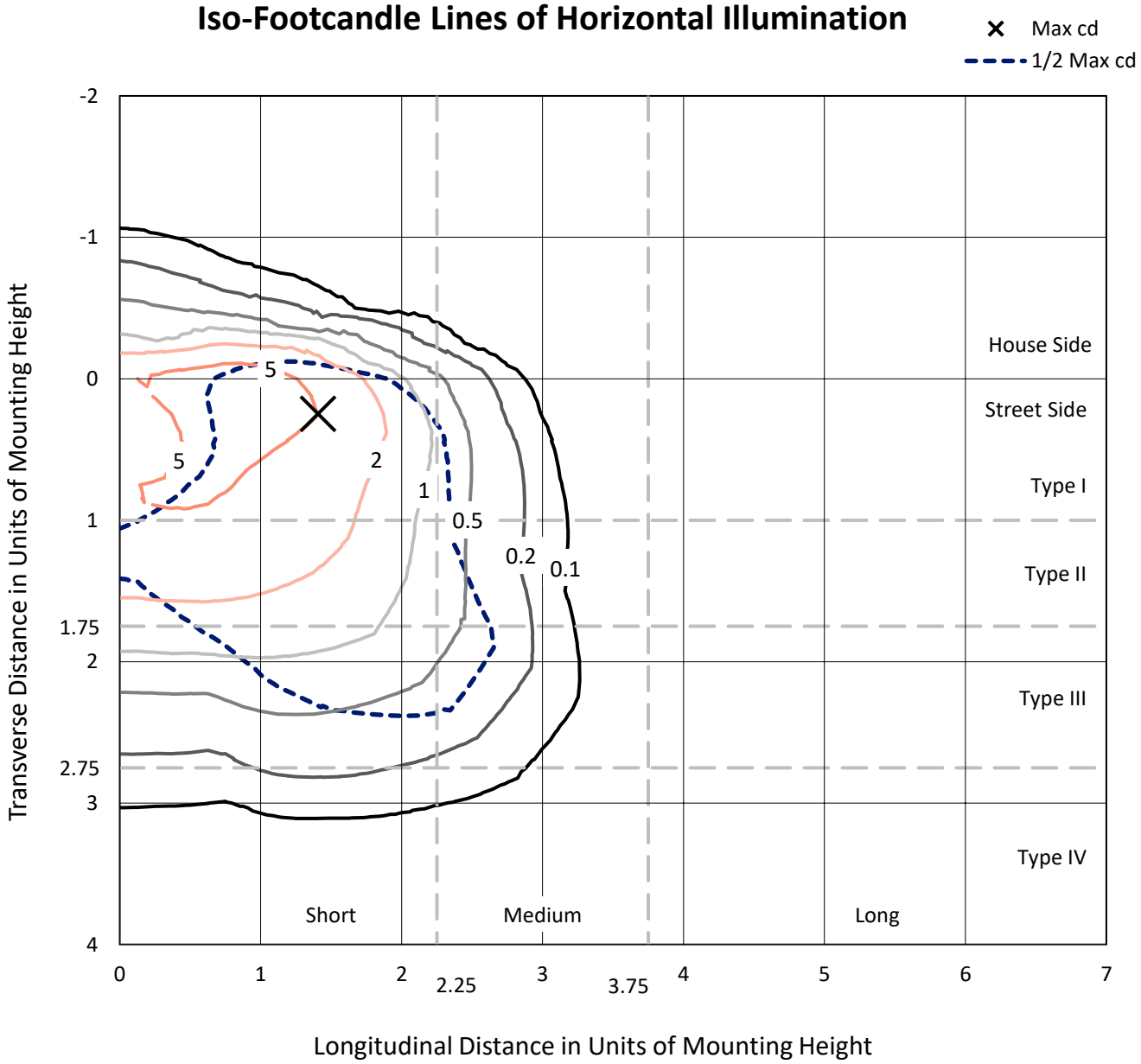
REPORT NUMBER: P1458542
CATALOG NUMBER: GLAN-SB4D-930-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.6 fc
Type III - Short - N/A

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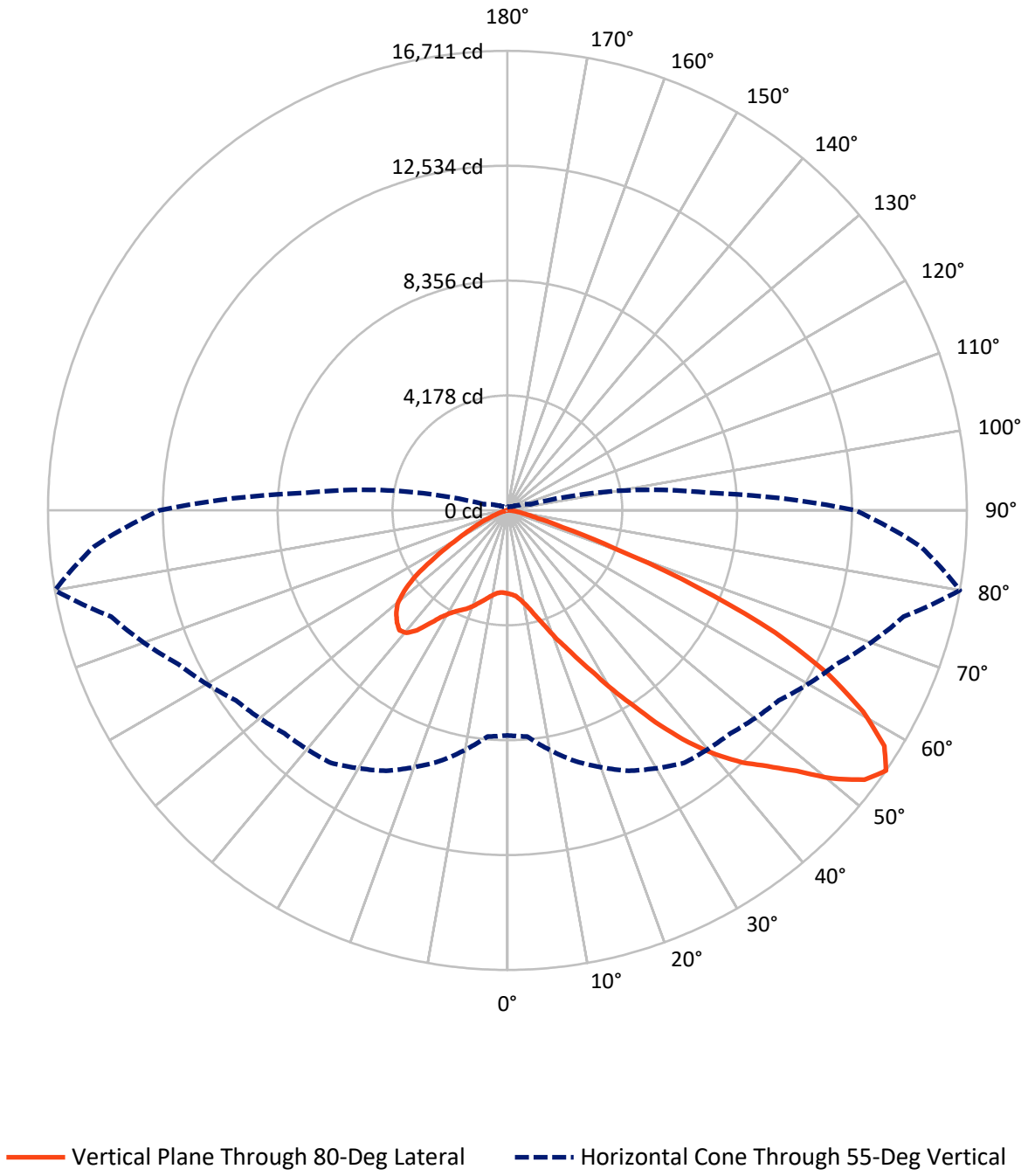
Luminous Intensity Polar Plot



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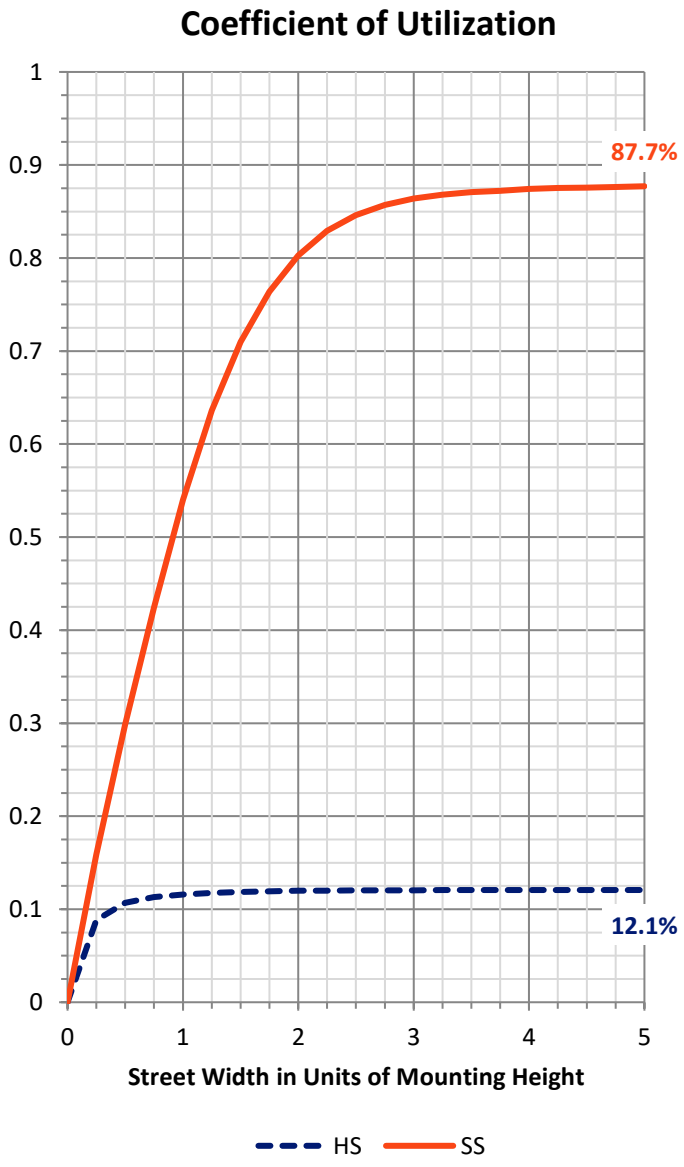
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2637.8	0.0	2637.8
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	19061.9	0.0	19061.9
	% Fixture	87.8	0.0	87.8
Total	Lumens	21699.7	0.0	21699.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	253.7	1.2
10°-20°	668.8	3.1
20°-30°	1309.2	6.0
30°-40°	2663.6	12.3
40°-50°	4490.4	20.7
50°-60°	5737.4	26.4
60°-70°	4898.4	22.6
70°-80°	1565.3	7.2
80°-90°	113.0	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°	21699.7	100.0
0°-180°	21699.7	100.0



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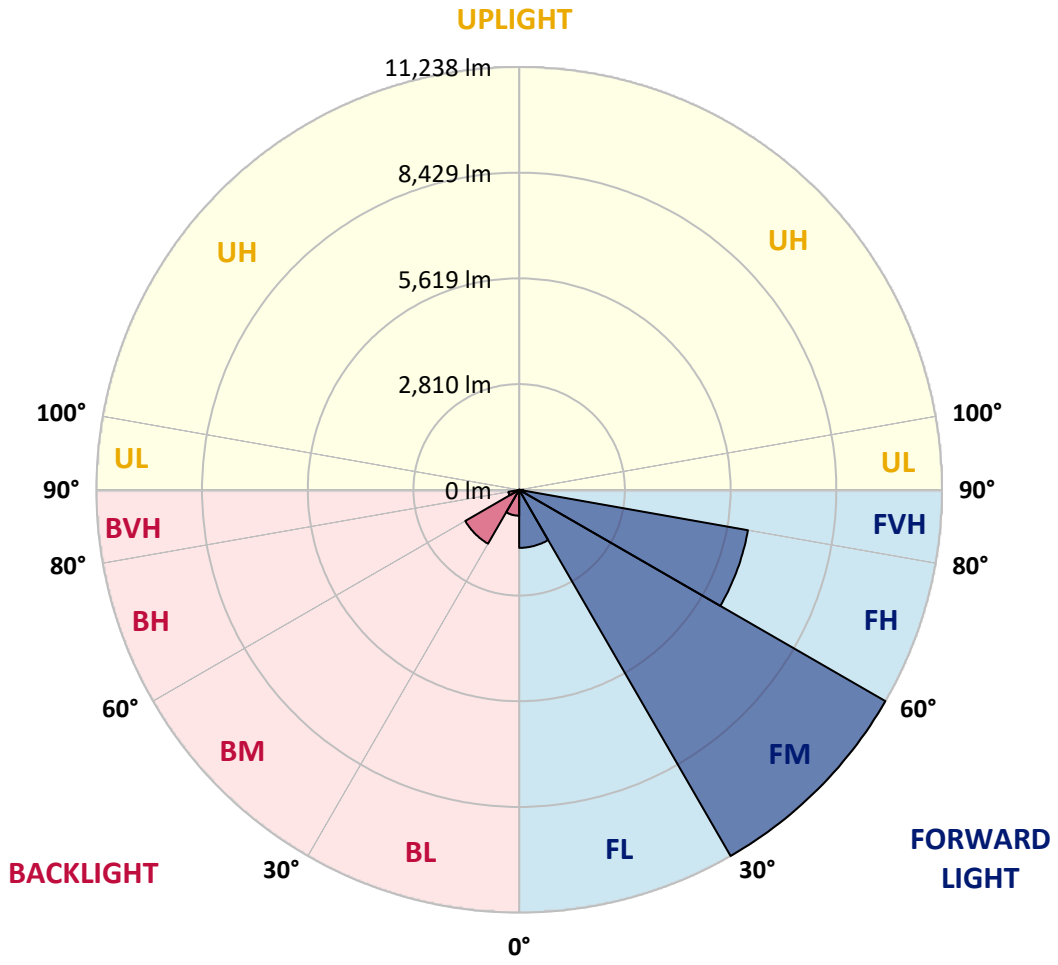
CATALOG NUMBER: GLAN-SB4D-930-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1542.9	7.1			
FM	(30°-60°)	11238.1	51.8			
FH	(60°-80°)	6173.7	28.5			G3/7500
FVH	(80°-90°)	107.1	0.5			G2/225
BL	(0°-30°)	688.8	3.2	B2/1000		
BM	(30°-60°)	1653.2	7.6	B2/2500		
BH	(60°-80°)	289.9	1.3	B1/500		G1/500
BVH	(80°-90°)	5.9	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-G3
Type III Short



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REPORT NUMBER: P1458542
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	*3022.7*	3022.7
2.5°	3041.2	3047.4	3041.2	3047.4	3059.7	3053.6	3078.3	3072.1	3072.1	*3065.9*	3041.2
5°	2868.5	2874.7	2887.0	2917.9	2961.0	3004.2	3059.7	3096.8	3133.8	*3127.6*	3102.9
7.5°	2529.2	2541.6	2590.9	2652.6	2794.5	2924.0	3065.9	3158.4	3238.6	*3263.3*	3244.8
10°	2338.0	2350.3	2381.2	2442.9	2572.4	2788.3	3065.9	3257.2	3399.0	*3448.4*	3454.6
12.5°	2319.5	2325.7	2350.3	2418.2	2529.2	2714.3	3059.7	3386.7	3627.3	*3701.3*	3726.0
15°	2331.8	2344.2	2368.8	2424.4	2553.9	2763.6	3109.1	3590.3	3929.6	*4034.4*	4040.6
17.5°	2381.2	2393.5	2424.4	2486.0	2627.9	2893.2	3263.3	3800.0	4293.5	*4410.7*	4478.6
20°	2479.9	2486.0	2523.1	2603.3	2763.6	3053.6	3491.6	4083.8	4731.5	*4904.2*	4953.6
22.5°	2609.4	2627.9	2677.3	2776.0	2979.6	3275.7	3806.2	4429.2	5212.7	*5391.6*	5477.9
25°	2751.3	2776.0	2850.0	3010.4	3269.5	3614.9	4194.8	4885.7	5780.2	*5996.1*	6113.3
27.5°	3041.2	3047.4	3096.8	3300.3	3633.5	4059.1	4688.3	5471.8	6446.4	*6699.4*	6828.9
30°	3676.6	3682.8	3639.6	3695.1	4034.4	4583.5	5268.2	6156.5	7223.7	*7575.3*	7680.2
32.5°	4453.9	4484.8	4478.6	4441.6	4595.8	5107.8	5959.1	6977.0	8136.7	*8506.8*	8605.5
35°	5336.1	5410.1	5391.6	5379.2	5397.7	5780.2	6748.7	7883.8	9173.1	*9623.4*	9703.6
37.5°	6199.7	6218.2	6304.6	6409.4	6421.8	6687.0	7661.7	8846.1	10135.4	*10709.1*	10832.5
40°	6865.9	6927.6	7143.5	7353.3	7569.2	7778.9	8414.3	9623.4	10900.4	*11671.5*	11727.0
42.5°	7384.1	7532.2	7846.8	8173.7	8611.7	8846.1	9129.9	10172.4	11523.4	*12528.9*	12504.3
45°	8013.3	8075.0	8519.2	8951.0	9395.2	9752.9	9746.8	10635.1	12010.7	*13263.0*	13108.8
47.5°	8439.0	8513.0	9117.6	9623.4	10079.9	10258.8	10295.8	11134.8	12683.2	*14151.3*	13787.4
50°	8667.2	8796.8	9456.8	10098.4	10591.9	10647.4	10814.0	11788.7	13565.3	*15329.6*	14644.8
52.5°	8691.9	8815.3	9574.1	10400.7	10937.4	11048.4	11332.2	12528.9	14422.8	*16273.4*	15138.4
55°	*8179.9*	*8253.9*	*9432.2*	*10450.0*	*11208.8*	*11467.9*	*12047.8*	*13213.7*	*14922.4*	*16711.4*	*15095.2*
57.5°	7698.7	7772.7	8796.8	10363.7	11486.4	12016.9	12812.7	13682.5	14533.8	*16168.5*	14132.8
60°	7285.4	7322.4	8253.9	9962.7	11591.3	12553.6	13472.8	13219.8	13528.3	*14866.9*	12485.7
62.5°	6508.1	6532.8	7637.0	9240.9	11381.5	12966.9	13701.0	12239.0	12424.1	*13071.8*	10548.7
65°	4916.6	5009.1	6020.8	8698.1	11036.1	13158.2	13170.5	11042.2	10851.0	*10696.8*	8297.1
67.5°	3337.3	3442.2	4052.9	7822.1	10474.7	13238.3	12140.3	9493.9	8266.3	*7470.5*	5434.8
70°	2664.9	2664.9	2874.7	6286.1	9142.2	12214.3	10863.3	7168.2	5249.7	*4127.0*	2911.7
72.5°	1752.0	1758.1	1955.5	3991.2	6483.5	9315.0	8858.5	4145.5	2726.6	*2103.6*	1437.3
75°	635.4	635.4	857.5	1597.7	3429.9	5545.8	5397.7	1980.2	1480.5	*1147.4*	869.8
77.5°	339.3	351.6	413.3	660.1	1314.0	2257.8	2109.7	1011.7	839.0	*715.6*	542.9
80°	228.2	234.4	277.6	407.1	635.4	869.8	678.6	567.5	567.5	*481.2*	364.0
82.5°	123.4	129.5	185.1	265.3	339.3	407.1	326.9	333.1	401.0	*326.9*	209.7
85°	86.4	86.4	141.9	191.2	191.2	197.4	141.9	209.7	234.4	*203.6*	141.9
87.5°	49.4	49.4	80.2	92.5	92.5	86.4	43.2	74.0	92.5	*104.9*	61.7
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: P1458542
CATALOG NUMBER: GLAN-SB4D-930-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7	3022.7
2.5°	3035.1	3016.6	2979.6	2905.5	2868.5	2819.2	2776.0	2720.5	2708.1	2702.0	2677.3
5°	3084.4	3047.4	2936.4	2776.0	2640.3	2510.7	2381.2	2307.1	2245.5	2214.6	2208.4
7.5°	3207.8	3133.8	2930.2	2646.4	2393.5	2171.4	1980.2	1813.6	1727.3	1653.3	1659.4
10°	3392.9	3275.7	2942.5	2523.1	2146.8	1789.0	1511.4	1270.8	1098.1	1017.9	1011.7
12.5°	3639.6	3473.1	2985.7	2399.7	1844.5	1344.8	993.2	851.3	814.3	808.1	802.0
15°	3941.9	3707.5	3028.9	2239.3	1437.3	931.5	808.1	777.3	771.1	764.9	764.9
17.5°	4305.9	3978.9	3053.6	1967.9	1048.7	802.0	758.8	740.3	734.1	727.9	727.9
20°	4762.4	4281.2	3084.4	1622.4	888.3	771.1	721.8	697.1	690.9	690.9	684.7
22.5°	5212.7	4620.5	3059.7	1320.1	857.5	734.1	678.6	653.9	641.6	641.6	635.4
25°	5730.9	4965.9	2985.7	1190.6	851.3	703.2	635.4	598.4	579.9	573.7	573.7
27.5°	6323.1	5360.7	2868.5	1196.8	851.3	678.6	579.9	530.5	518.2	505.8	505.8
30°	7001.6	5841.9	2782.2	1277.0	863.6	653.9	530.5	468.8	450.3	438.0	444.2
32.5°	7778.9	6378.6	2776.0	1406.5	882.1	616.9	475.0	407.1	388.6	382.5	388.6
35°	8661.1	7044.8	2917.9	1505.2	832.8	536.7	407.1	351.6	333.1	333.1	339.3
37.5°	9641.9	7809.8	3109.1	1480.5	672.4	425.7	351.6	308.4	289.9	296.1	302.3
40°	10536.4	8408.1	3139.9	1264.6	505.8	364.0	302.3	271.4	259.1	265.3	271.4
42.5°	11215.0	8889.3	2843.8	980.8	425.7	308.4	259.1	234.4	228.2	240.6	240.6
45°	11764.0	9080.5	2375.0	727.9	376.3	265.3	228.2	215.9	203.6	209.7	209.7
47.5°	12337.7	9111.4	1937.0	586.0	333.1	240.6	209.7	197.4	185.1	185.1	185.1
50°	12892.9	9037.4	1480.5	518.2	308.4	215.9	191.2	178.9	166.6	160.4	160.4
52.5°	13028.6	8445.2	1085.7	481.2	283.8	203.6	178.9	166.6	154.2	148.1	148.1
55°	*12652.3*	*7322.4*	*851.3*	*431.8*	*259.1*	*185.1*	*166.6*	*154.2*	*135.7*	*129.5*	*129.5*
57.5°	11412.4	5582.8	678.6	370.1	234.4	178.9	154.2	141.9	123.4	117.2	117.2
60°	9802.3	3960.4	549.0	302.3	215.9	160.4	141.9	123.4	111.0	98.7	98.7
62.5°	8019.5	2843.8	444.2	252.9	203.6	141.9	129.5	111.0	86.4	67.9	67.9
65°	6150.3	2041.9	345.5	203.6	185.1	123.4	111.0	92.5	67.9	49.4	49.4
67.5°	3978.9	1320.1	259.1	178.9	141.9	104.9	86.4	74.0	61.7	43.2	37.0
70°	2097.4	771.1	191.2	154.2	104.9	80.2	74.0	61.7	49.4	30.8	30.8
72.5°	1085.7	505.8	141.9	135.7	80.2	55.5	61.7	49.4	37.0	18.5	18.5
75°	697.1	339.3	104.9	111.0	49.4	43.2	43.2	30.8	18.5	12.3	6.2
77.5°	450.3	228.2	74.0	92.5	30.8	24.7	24.7	12.3	6.2	0.0	0.0
80°	265.3	141.9	49.4	61.7	12.3	12.3	6.2	0.0	0.0	0.0	0.0
82.5°	135.7	74.0	24.7	24.7	6.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	86.4	37.0	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	43.2	12.3	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

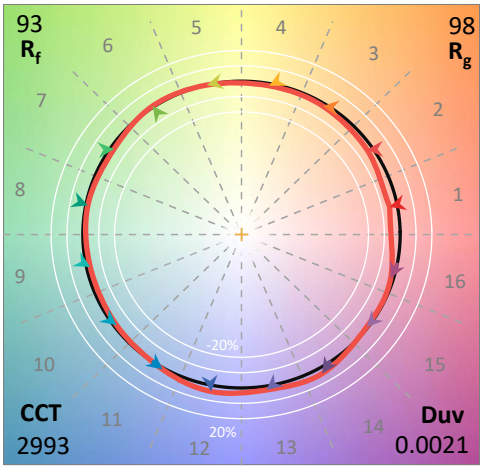
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

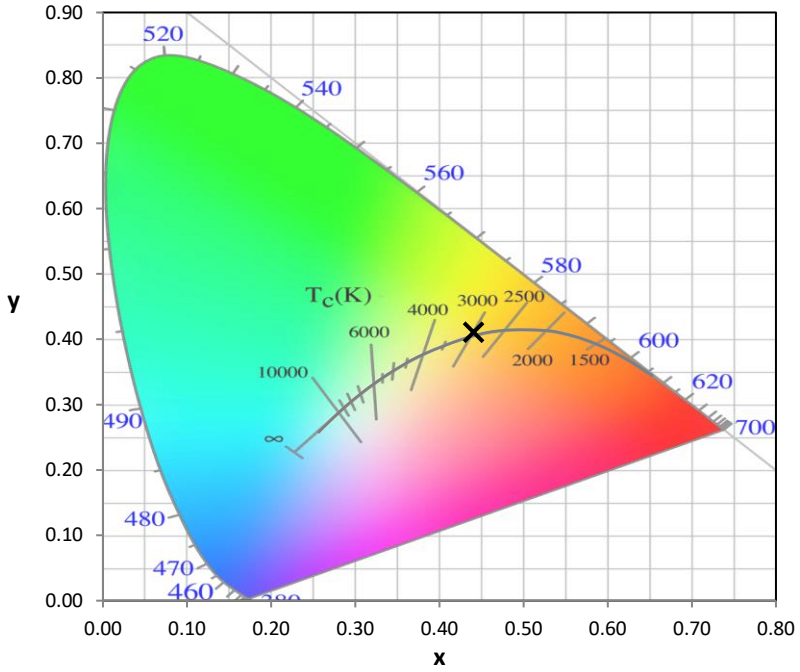
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

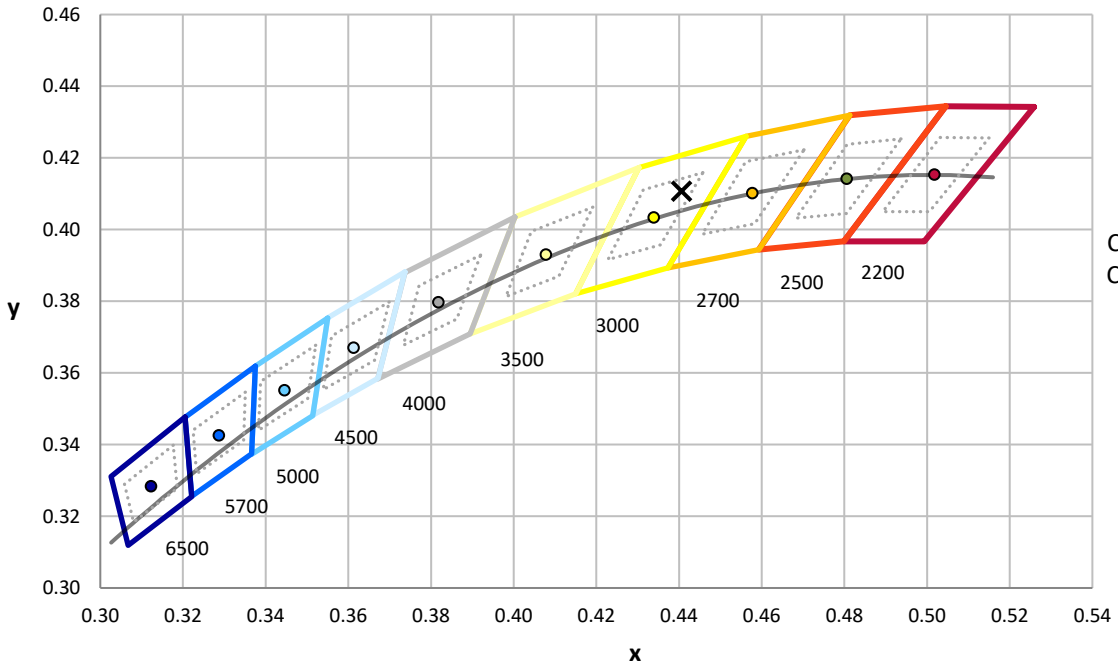
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

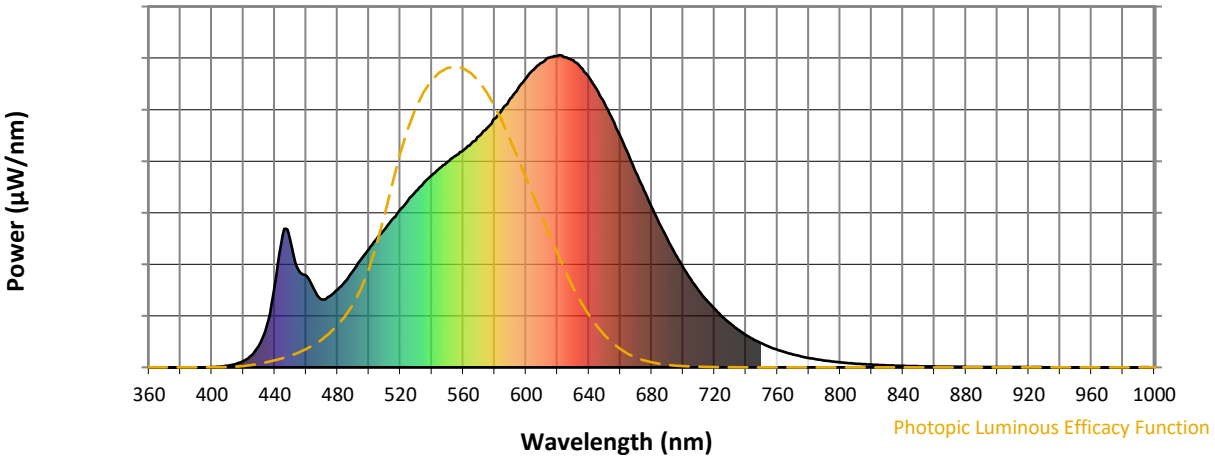


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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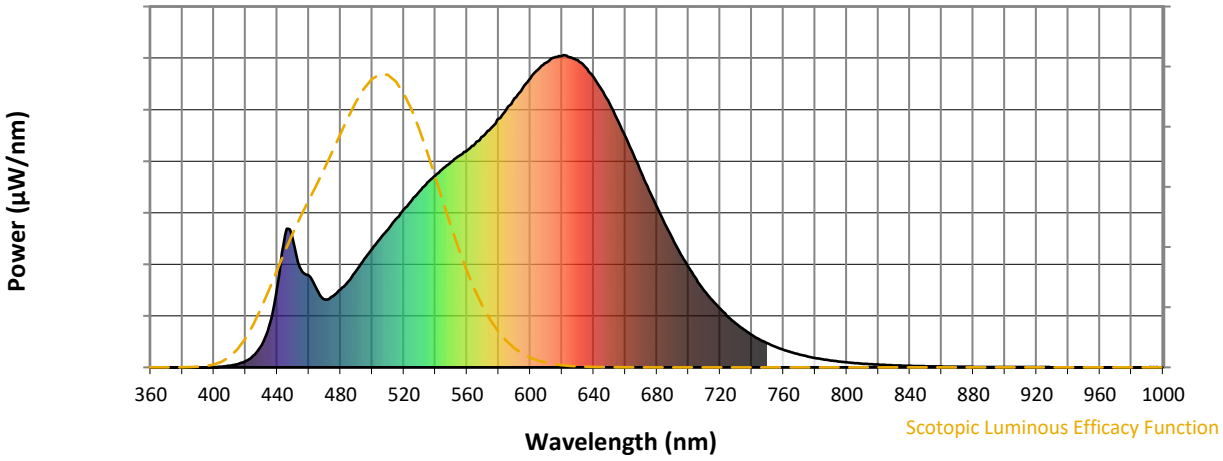
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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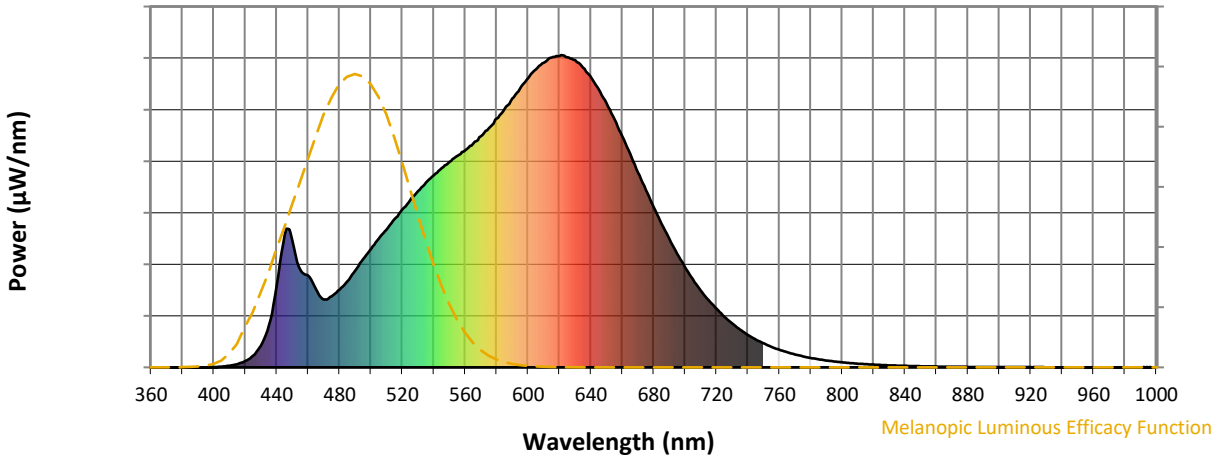
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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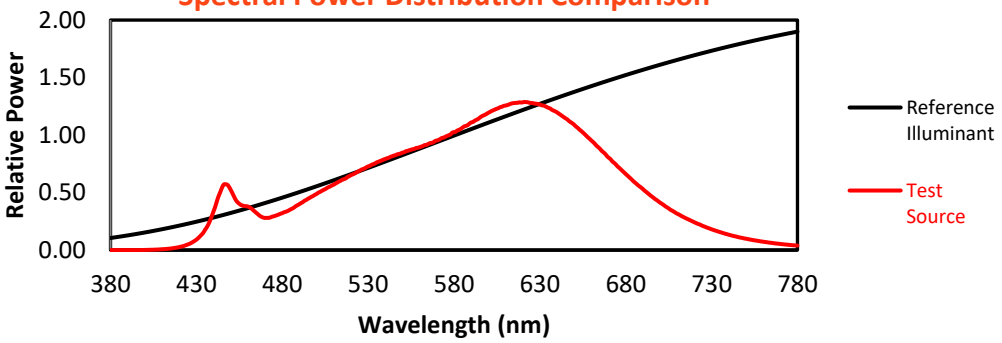
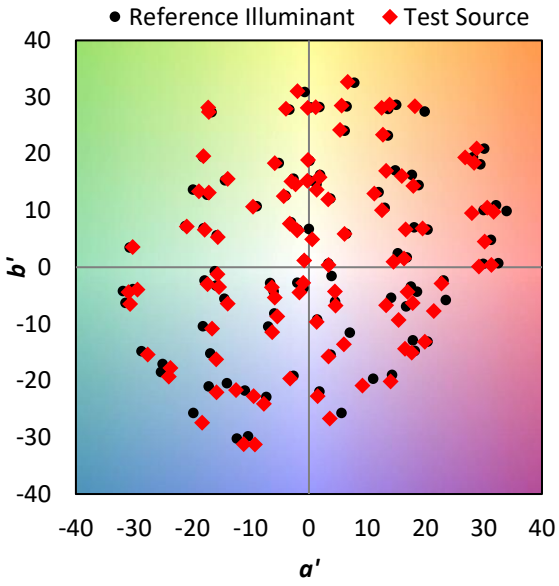
Summary

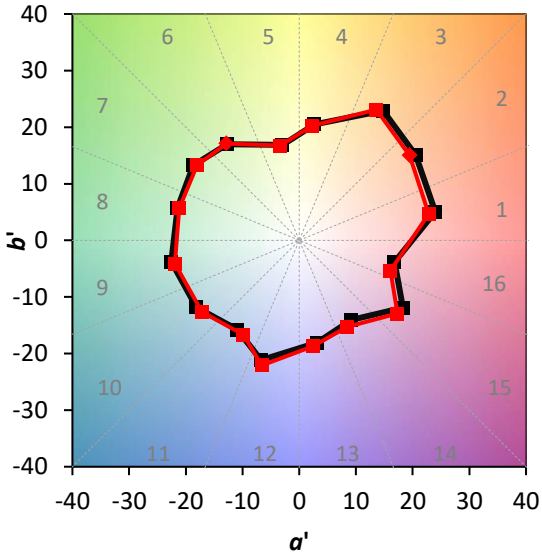
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

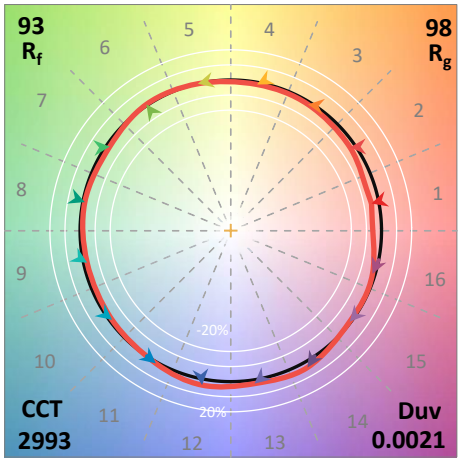
Spectral Power Distribution Comparison

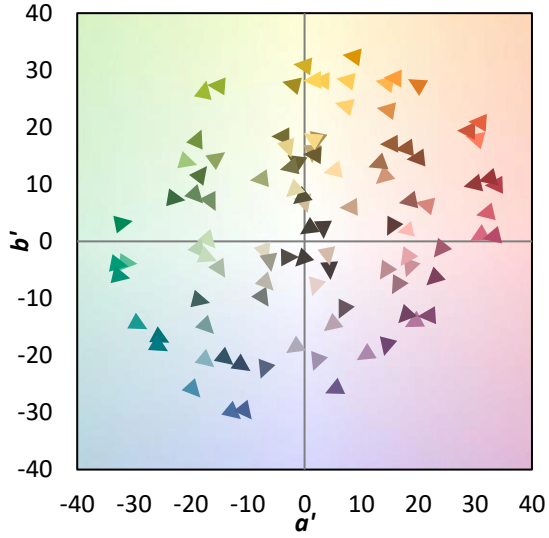


Color Vector Graphics









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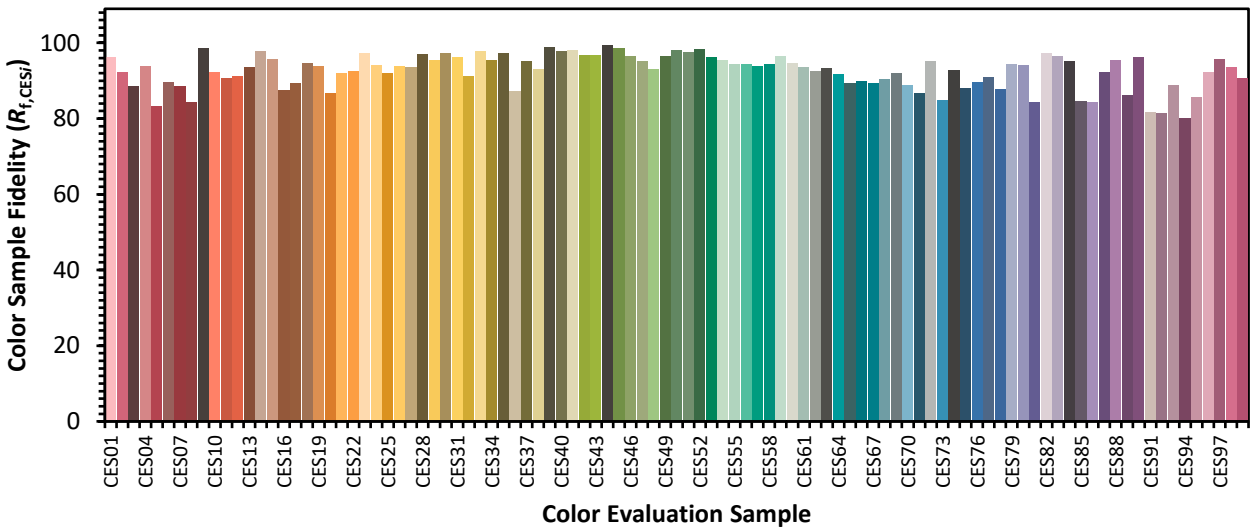
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



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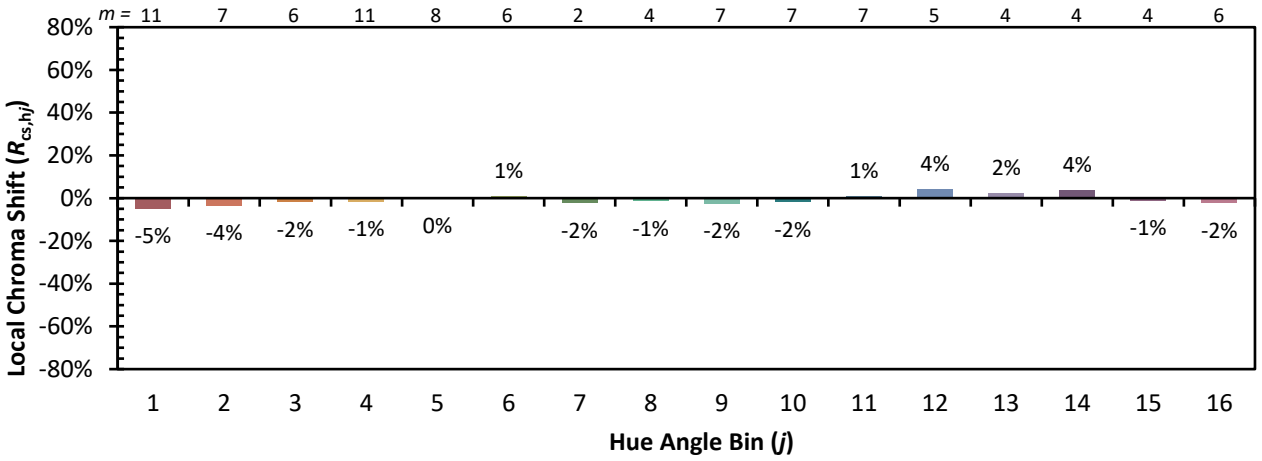
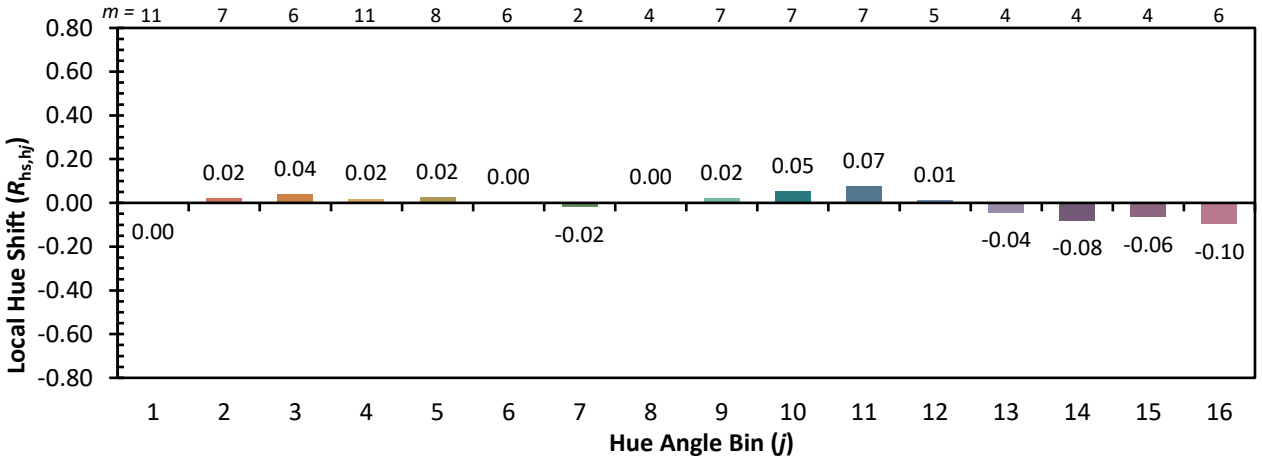
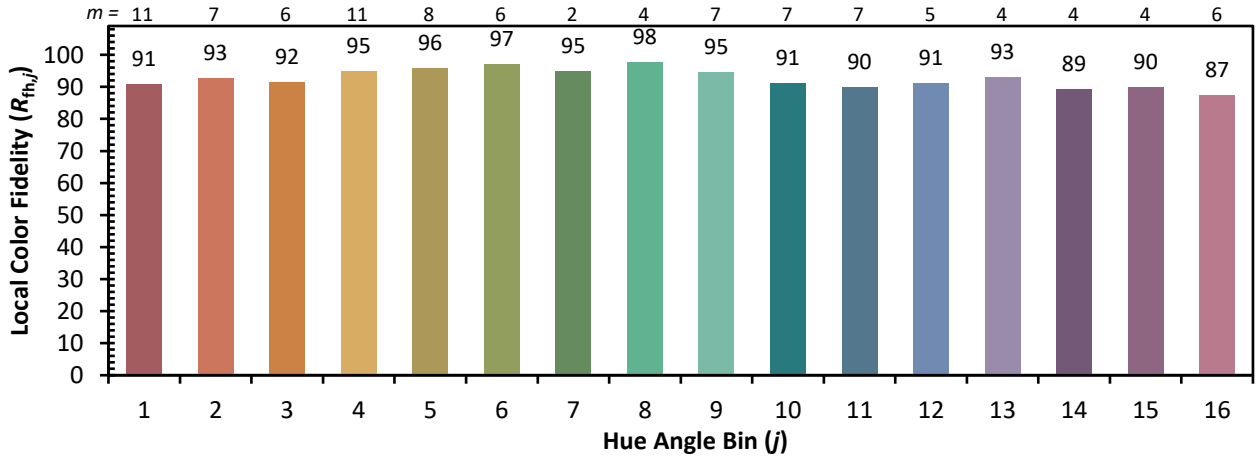
Color Rendition by Hue-Angle Bin







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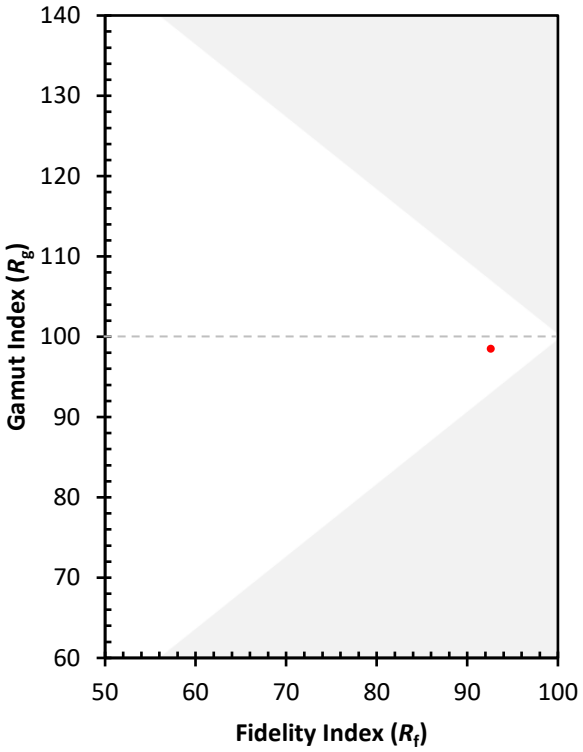
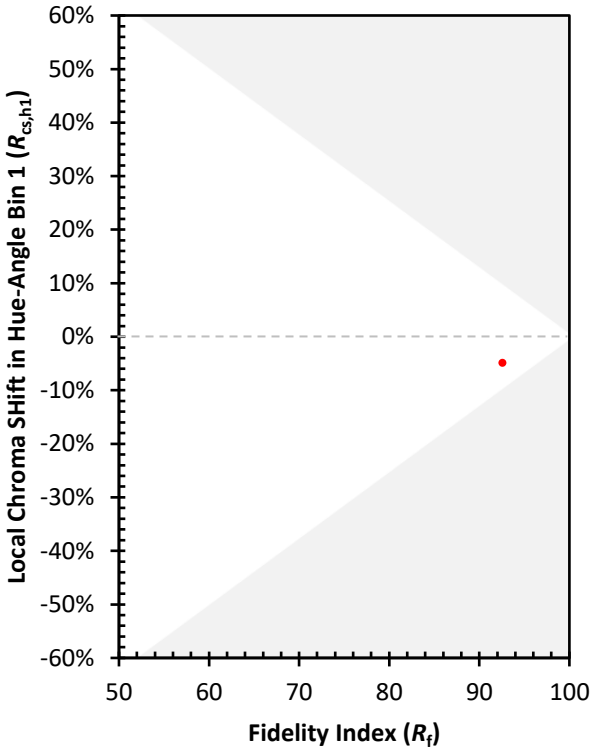
Measure Comparisons





(END OF REPORT)