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: P1457979

Luminaire Tested: GLAN-SB8A-930-U-T2LG-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:	P1457979
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8A-930-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(208) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18290.6 lumens
Efficiency:	N/A
Efficacy:	80.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

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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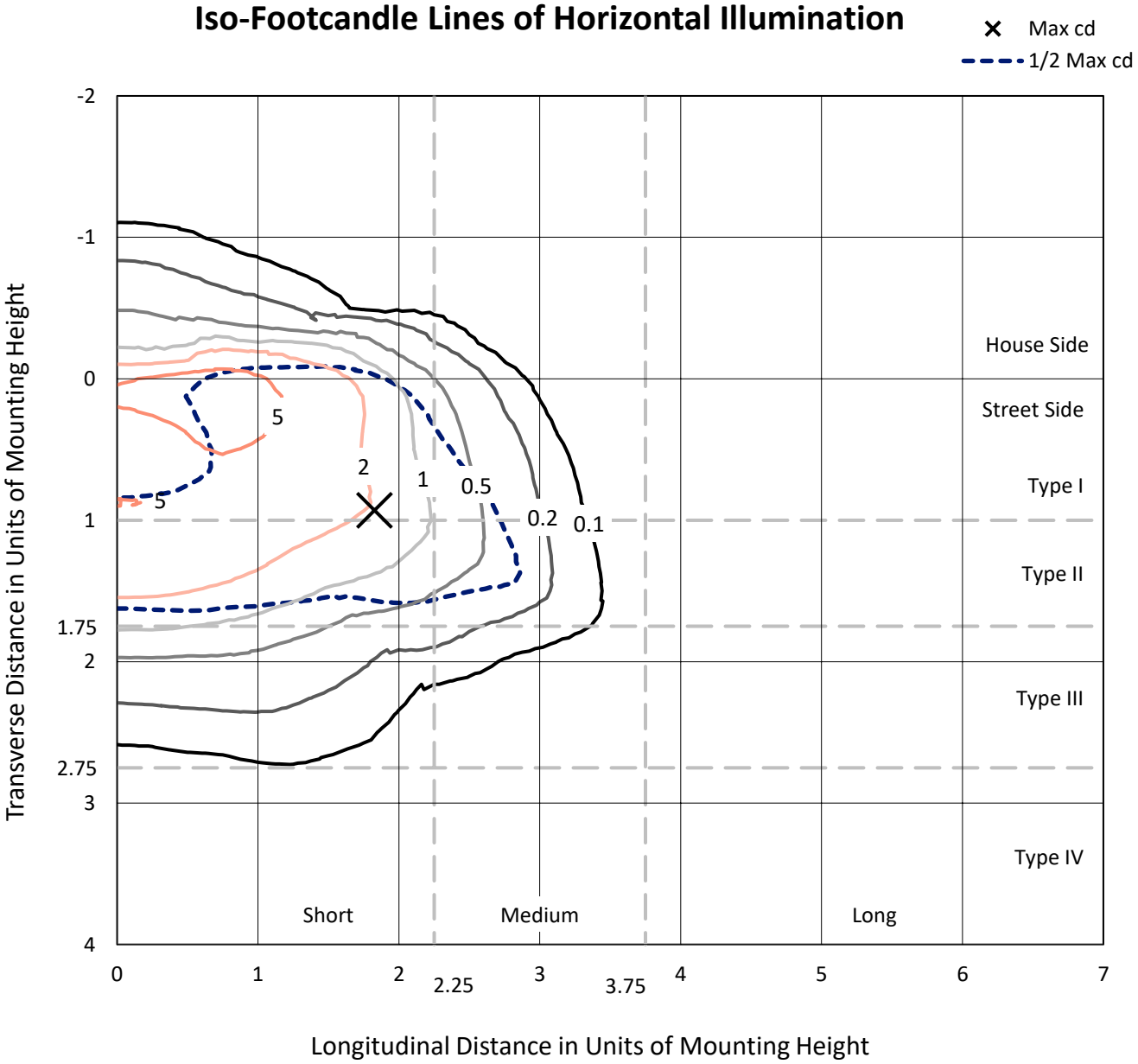
REPORT NUMBER: P1457979
CATALOG NUMBER: GLAN-SB8A-930-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.4 fc
Type II - Short - N/A

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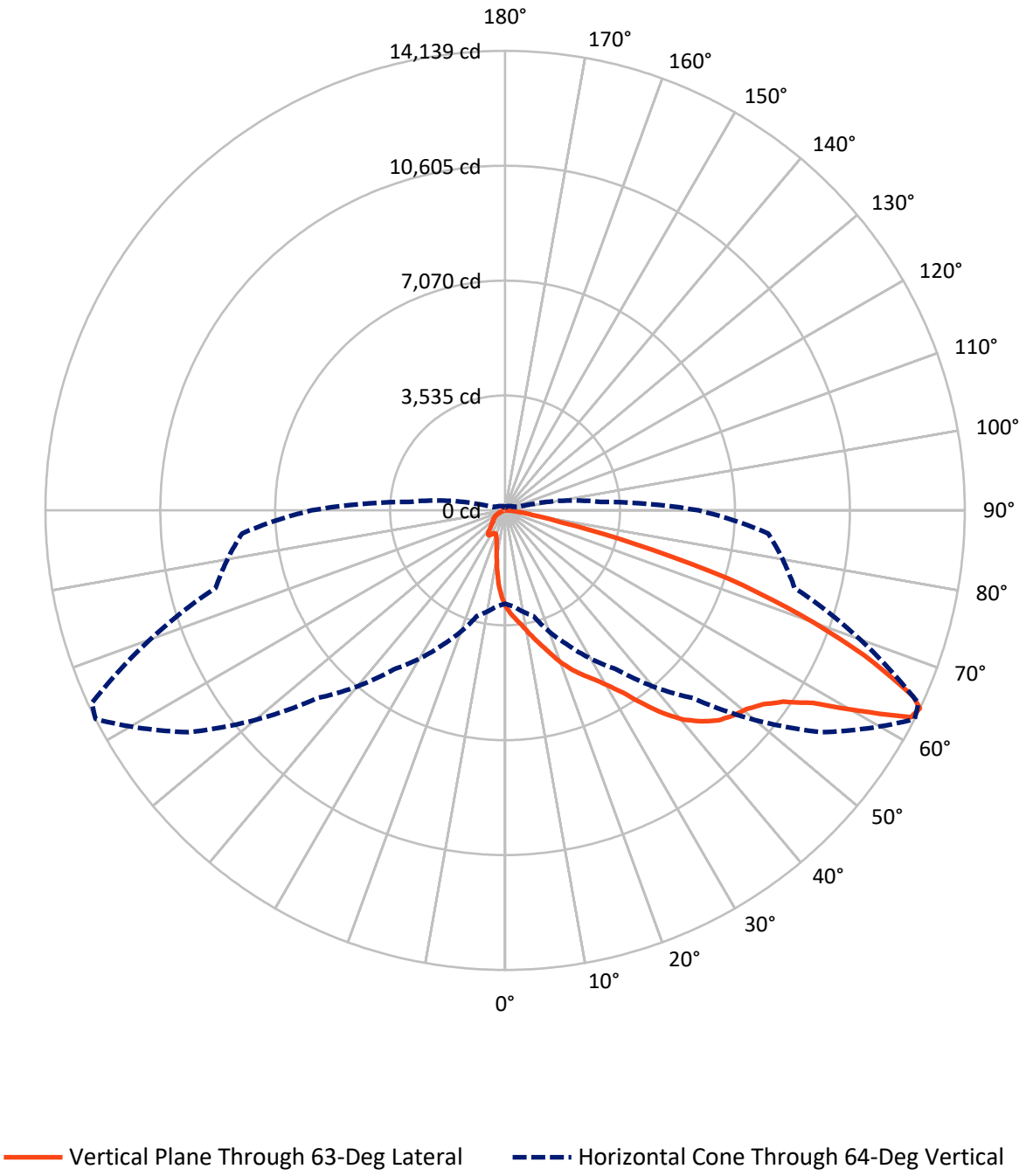
Luminous Intensity Polar Plot



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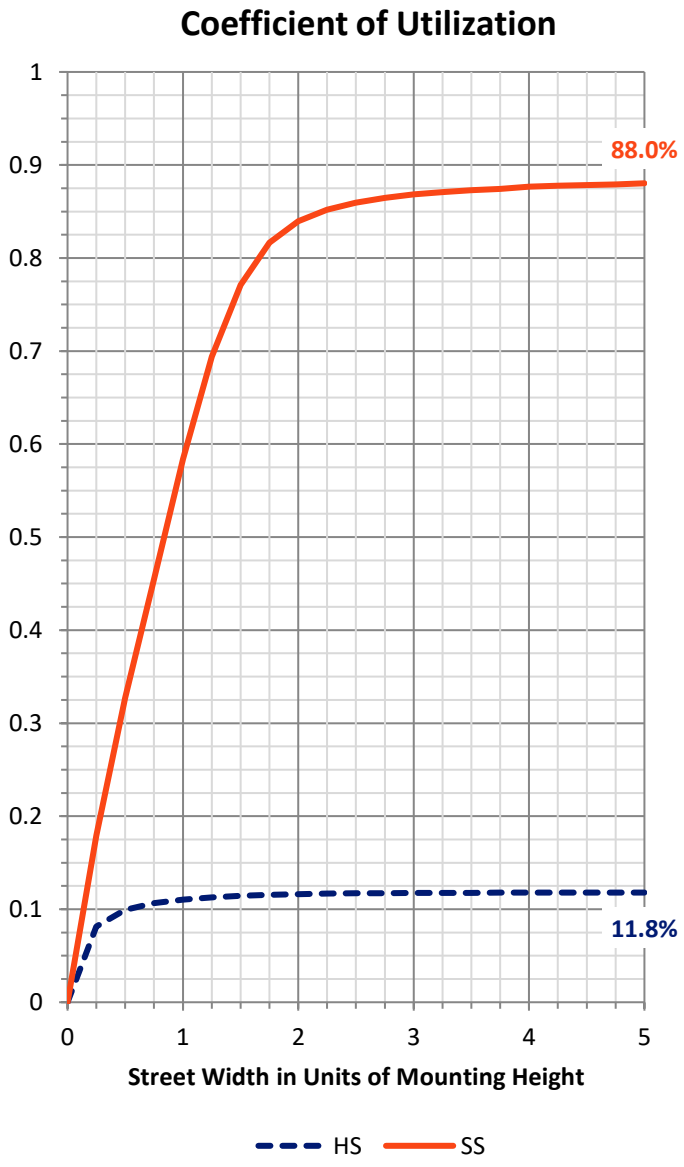
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2170.5	0.0	2170.5
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	16120.1	0.0	16120.1
	% Fixture	88.1	0.0	88.1
Total	Lumens	18290.6	0.0	18290.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	249.0	1.4
10°-20°	699.8	3.8
20°-30°	1246.4	6.8
30°-40°	2380.7	13.0
40°-50°	3946.1	21.6
50°-60°	4918.8	26.9
60°-70°	3667.8	20.1
70°-80°	1051.9	5.8
80°-90°	130.1	0.7
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°	18290.6	100.0
0°-180°	18290.6	100.0



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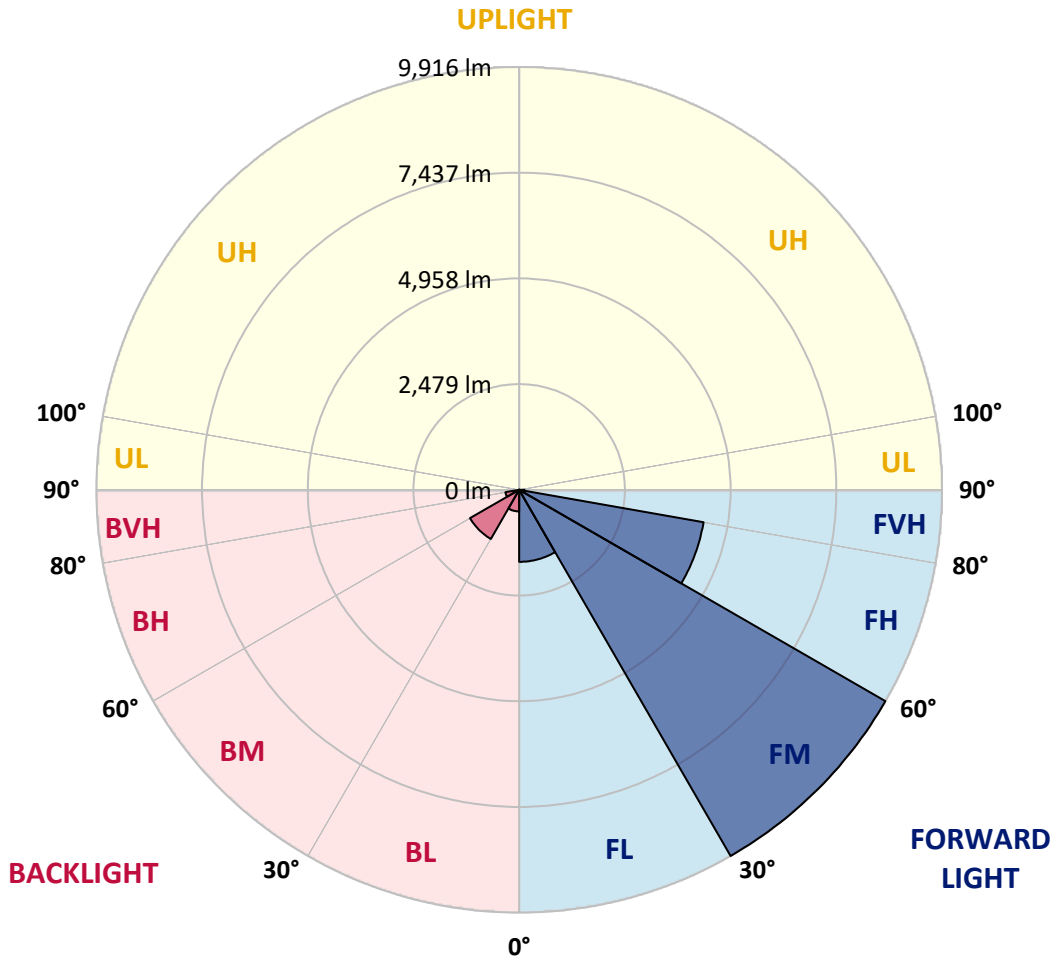
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1688.9	9.2			
FM	(30°-60°)	9916.1	54.2			
FH	(60°-80°)	4391.4	24.0			G2/5000
FVH	(80°-90°)	123.7	0.7			G2/225
BL	(0°-30°)	506.4	2.8	B2/1000		
BM	(30°-60°)	1329.5	7.3	B2/2500		
BH	(60°-80°)	328.3	1.8	B1/500		G1/500
BVH	(80°-90°)	6.4	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-G2
Type II Short



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REPORT NUMBER: P1457979
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2957.4	2957.4	2957.4	2957.4	2957.4	2957.4	2957.4	*2957.4*	2957.4	2957.4	2957.4
2.5°	3314.0	3303.0	3292.1	3275.6	3253.7	3231.7	3204.3	*3165.9*	3149.4	3094.5	3028.7
5°	3484.1	3484.1	3478.6	3467.6	3456.7	3434.7	3401.8	*3352.4*	3330.5	3253.7	3138.4
7.5°	3528.0	3533.5	3549.9	3571.9	3604.8	3599.3	3599.3	*3544.5*	3533.5	3451.2	3297.5
10°	3451.2	3456.7	3500.6	3560.9	3659.7	3752.9	3818.8	*3785.9*	3769.4	3687.1	3495.1
12.5°	3341.4	3341.4	3412.8	3506.0	3659.7	3835.3	4027.3	*4060.2*	4065.7	3972.4	3742.0
15°	3056.1	3067.1	3182.3	3368.9	3621.3	3895.6	4219.3	*4345.5*	4378.4	4318.1	4043.7
17.5°	2677.5	2688.5	2803.7	3056.1	3434.7	3895.6	4383.9	*4674.7*	4718.6	4729.6	4427.8
20°	2518.4	2518.4	2584.3	2776.3	3171.4	3791.4	4482.7	*5025.9*	5124.6	5245.4	4850.3
22.5°	2540.4	2540.4	2578.8	2688.5	3006.7	3648.7	4543.0	*5338.6*	5541.6	5848.9	5393.5
25°	2661.1	2661.1	2694.0	2765.3	3023.2	3626.8	4658.3	*5618.5*	5942.2	6523.8	6013.5
27.5°	2853.1	2847.6	2875.1	2946.4	3182.3	3731.0	4850.3	*5898.3*	6260.4	7280.9	6726.8
30°	3132.9	3116.5	3127.5	3209.8	3440.2	3972.4	5130.1	*6254.9*	6622.5	8109.4	7516.9
32.5°	3780.4	3774.9	3615.8	3571.9	3818.8	4362.0	5514.2	*6699.3*	7110.9	8987.3	8328.9
35°	4949.1	5025.9	4800.9	4224.8	4274.2	4883.2	6062.9	*7302.9*	7681.5	9920.1	9212.3
37.5°	6134.2	6134.2	6040.9	5360.6	5014.9	5459.3	6655.4	*7922.9*	8317.9	10671.8	10062.7
40°	7072.4	7121.8	7012.1	6501.8	6051.9	6117.7	7248.0	*8466.1*	8828.2	11132.7	10666.3
42.5°	7769.3	7758.3	7714.4	7379.7	7127.3	6979.2	7785.7	*8872.1*	9217.8	11368.6	11044.9
45°	8521.0	8521.0	8460.6	8186.3	7977.8	7851.6	8186.3	*9212.3*	9574.4	11511.2	11280.8
47.5°	9305.6	9294.6	9234.2	8932.5	8707.5	8521.0	8592.3	*9431.8*	9793.9	11418.0	11319.2
50°	9497.6	9486.6	9623.8	9634.8	9431.8	9075.1	8916.0	*9618.3*	9936.5	11423.5	11439.9
52.5°	9272.6	9338.5	9541.5	9788.4	10018.8	9645.7	9261.7	*9914.6*	10243.8	11577.1	11741.7
55°	8713.0	8740.4	9130.0	9525.0	10062.7	10194.4	9815.8	*10386.5*	10677.3	11725.2	12010.5
57.5°	7670.5	7774.7	8191.7	8877.6	9695.1	10243.8	10781.5	*11176.5*	11396.0	11785.6	11862.4
60°	5788.5	5843.4	6748.7	7637.6	8932.5	9848.7	11681.3	*12515.3*	12487.9	11105.2	10825.4
62.5°	3522.5	3571.9	4219.3	5629.4	7259.0	9025.7	11983.1	*14013.2*	13865.1	9958.5	9113.5
64°	*2869.6*	*2962.9*	*3363.4*	*4570.5*	*5969.6*	*8164.3*	*11895.3*	*14139.4*	*14024.2*	*9217.8*	*8120.4*
65°	2452.6	2578.8	2990.3	3966.9	5075.3	7237.0	11653.9	*13788.2*	13711.4	8767.9	7297.4
67.5°	1541.8	1602.1	2211.2	3083.6	3495.1	4630.8	10018.8	*11922.7*	12059.9	7813.2	5382.5
70°	1146.7	1174.2	1519.8	2386.7	2726.9	2694.0	6880.4	*9656.7*	9689.6	6249.4	3248.2
72.5°	834.0	839.5	1064.4	1766.7	2134.4	1838.1	3626.8	*7176.7*	6940.8	3659.7	1772.2
75°	554.2	576.1	746.2	1245.5	1662.5	1349.7	1651.5	*4087.6*	4016.3	1788.7	1015.1
77.5°	406.0	411.5	504.8	834.0	1305.9	993.1	998.6	*1761.3*	1816.1	1064.4	642.0
80°	230.4	241.4	329.2	510.3	850.4	680.4	559.7	*850.4*	976.6	724.3	428.0
82.5°	137.2	148.1	235.9	334.7	581.6	279.8	285.3	*466.4*	581.6	521.2	230.4
85°	82.3	87.8	148.1	181.1	345.7	186.6	104.2	*230.4*	301.8	307.3	126.2
87.5°	54.9	54.9	82.3	76.8	98.8	87.8	43.9	*60.4*	76.8	104.2	49.4
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: P1457979
CATALOG NUMBER: GLAN-SB8A-930-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2957.4	2957.4	2957.4	2957.4	2957.4	2957.4	2957.4	2957.4	2957.4	2957.4	2957.4
2.5°	2973.8	2940.9	2842.1	2710.5	2589.8	2496.5	2381.3	2304.4	2233.1	2233.1	2172.8
5°	3045.2	2957.4	2716.0	2414.2	2090.5	1783.2	1585.7	1366.2	1294.9	1234.5	1245.5
7.5°	3165.9	3006.7	2578.8	2035.6	1519.8	1190.6	971.2	872.4	828.5	801.1	806.6
10°	3314.0	3094.5	2414.2	1651.5	1119.3	872.4	768.1	729.7	713.3	707.8	707.8
12.5°	3517.0	3198.8	2249.6	1327.8	883.4	751.7	696.8	674.9	658.4	647.4	647.4
15°	3758.4	3330.5	2057.5	1091.9	773.6	691.3	647.4	625.5	603.5	598.1	598.1
17.5°	4065.7	3467.6	1887.4	938.2	718.8	647.4	603.5	576.1	559.7	554.2	554.2
20°	4405.9	3637.7	1717.4	850.4	680.4	603.5	559.7	537.7	521.2	510.3	515.8
22.5°	4839.3	3851.7	1607.6	806.6	647.4	565.1	521.2	499.3	482.8	471.9	477.3
25°	5316.7	4120.6	1547.3	806.6	625.5	537.7	488.3	466.4	449.9	438.9	438.9
27.5°	5898.3	4422.3	1552.8	839.5	620.0	515.8	460.9	438.9	422.5	406.0	406.0
30°	6540.2	4779.0	1613.1	899.8	631.0	493.8	438.9	406.0	395.0	378.6	378.6
32.5°	7220.6	5190.5	1766.7	976.6	620.0	466.4	406.0	378.6	362.1	351.2	351.2
35°	7939.4	5656.9	1958.8	1009.6	565.1	428.0	378.6	351.2	340.2	334.7	329.2
37.5°	8625.2	6062.9	2063.0	943.7	493.8	395.0	345.7	318.2	312.7	301.8	301.8
40°	9157.4	6397.6	2002.7	806.6	455.4	362.1	318.2	290.8	279.8	268.9	268.9
42.5°	9470.2	6518.3	1783.2	685.8	428.0	329.2	290.8	263.4	252.4	246.9	246.9
45°	9651.2	6501.8	1525.3	614.5	400.5	301.8	263.4	246.9	230.4	225.0	219.5
47.5°	9645.7	6331.7	1338.8	554.2	373.1	279.8	246.9	230.4	214.0	208.5	208.5
50°	9607.3	6079.3	1130.3	510.3	351.2	263.4	230.4	219.5	203.0	197.5	192.0
52.5°	9700.6	5936.7	943.7	482.8	323.7	252.4	225.0	208.5	186.6	181.1	181.1
55°	9815.8	5854.4	757.2	455.4	301.8	246.9	214.0	197.5	175.6	170.1	170.1
57.5°	9481.1	5541.6	625.5	411.5	274.3	235.9	203.0	192.0	170.1	153.6	153.6
60°	8427.7	4581.5	515.8	362.1	252.4	219.5	192.0	175.6	153.6	131.7	131.7
62.5°	6853.0	3495.1	428.0	307.3	235.9	203.0	175.6	159.1	131.7	104.2	104.2
64°	*5953.1*	*2968.3*	*384.1*	*268.9*	*225.0*	*186.6*	*159.1*	*142.7*	*115.2*	*87.8*	*82.3*
65°	5338.6	2622.7	356.6	252.4	219.5	175.6	153.6	137.2	104.2	82.3	76.8
67.5°	3758.4	1761.3	285.3	208.5	192.0	148.1	131.7	115.2	93.3	71.3	65.8
70°	2189.2	998.6	225.0	175.6	148.1	115.2	109.7	104.2	82.3	54.9	54.9
72.5°	1190.6	499.3	170.1	142.7	115.2	82.3	93.3	82.3	65.8	43.9	38.4
75°	729.7	307.3	126.2	104.2	76.8	60.4	71.3	60.4	38.4	27.4	21.9
77.5°	488.3	197.5	93.3	71.3	49.4	38.4	49.4	32.9	16.5	5.5	5.5
80°	301.8	137.2	60.4	43.9	27.4	16.5	11.0	5.5	5.5	0.0	0.0
82.5°	131.7	87.8	32.9	21.9	11.0	5.5	5.5	0.0	0.0	0.0	0.0
85°	71.3	27.4	11.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.9	11.0	5.5	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: SP1-2407-184-14

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

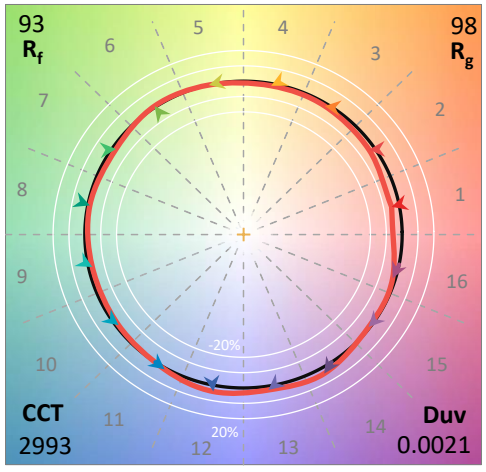
Test Information

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

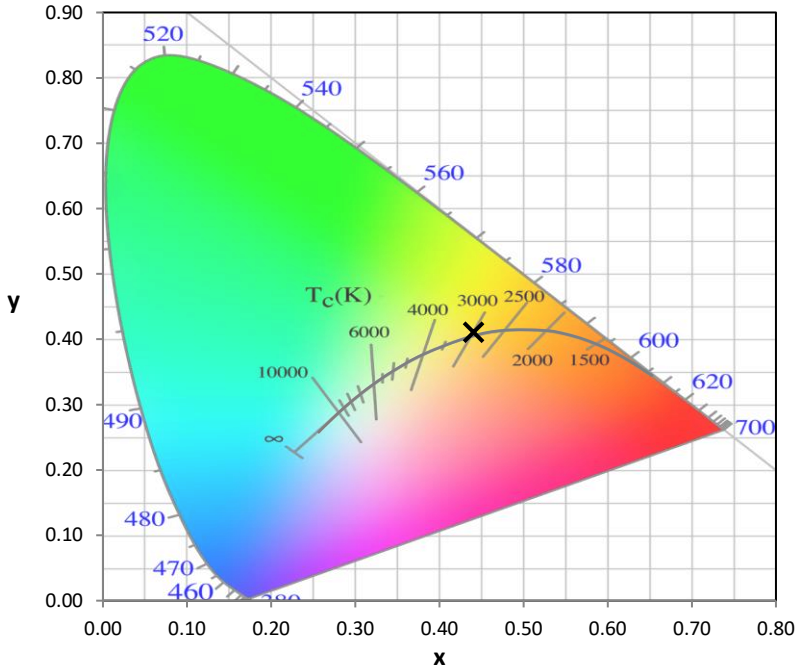
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

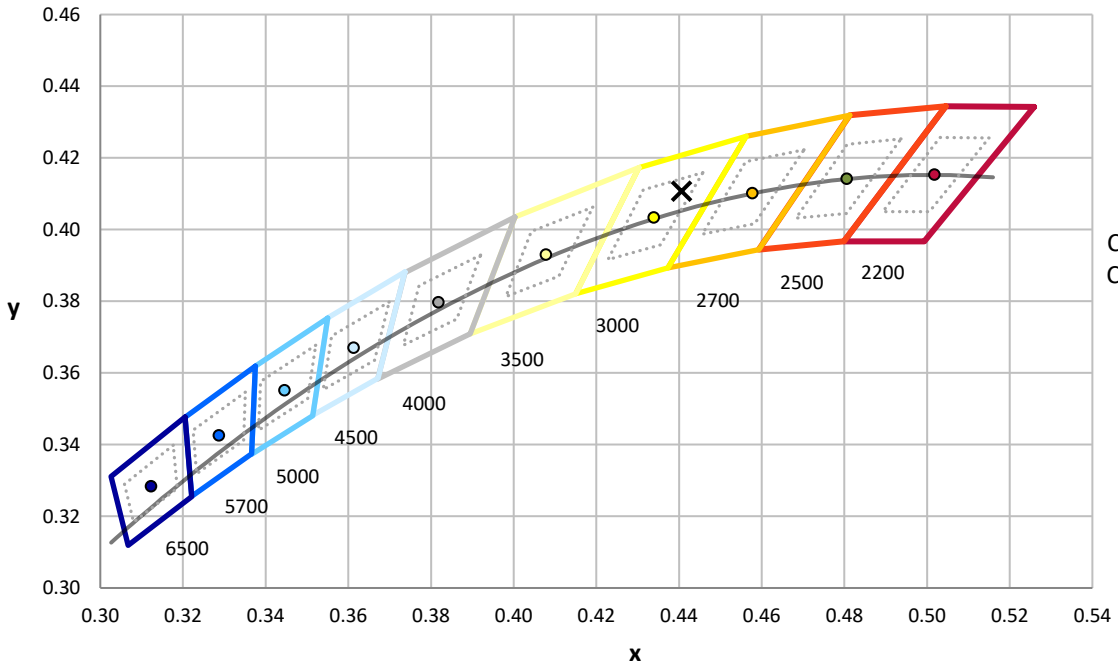
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

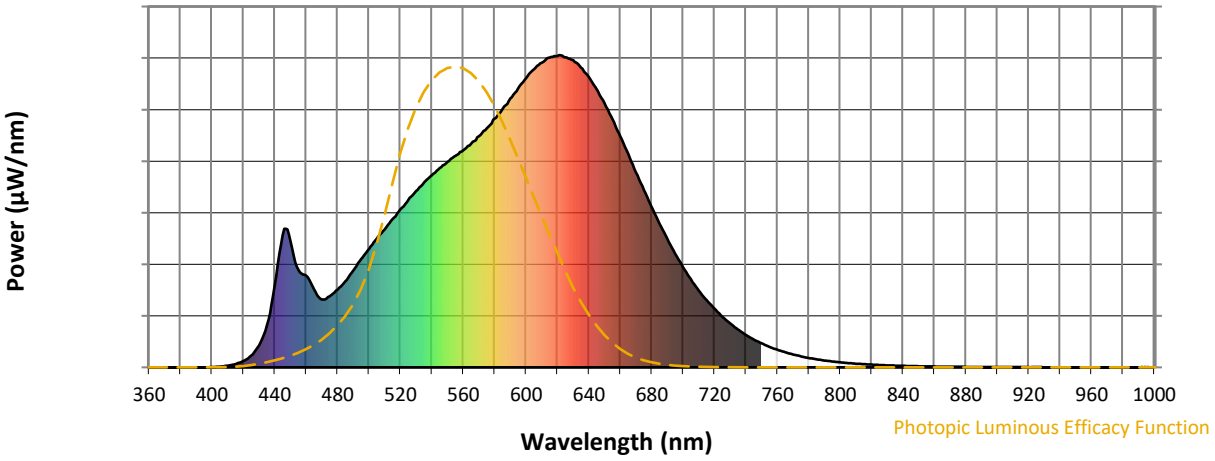


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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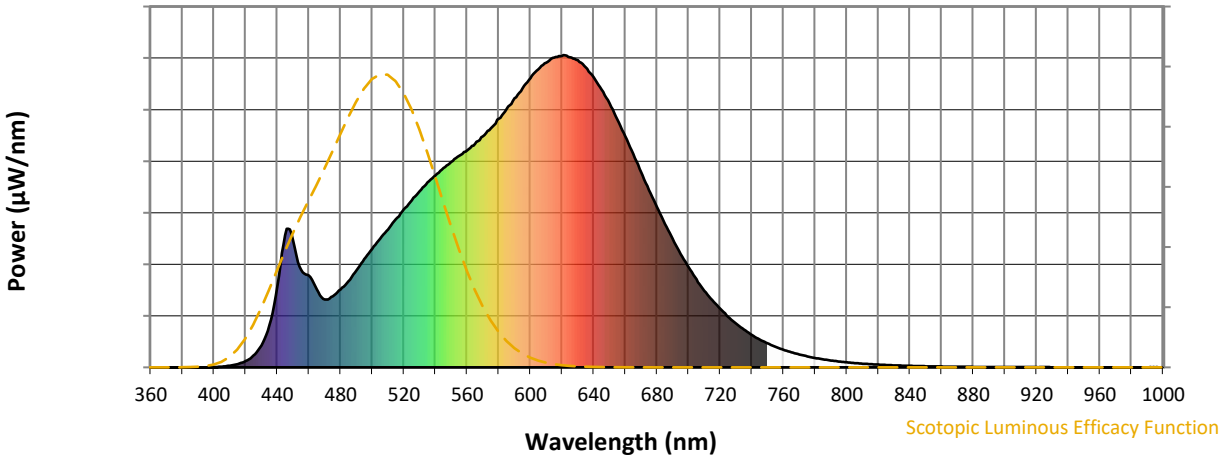
Scotopic Flux vs. Wavelength



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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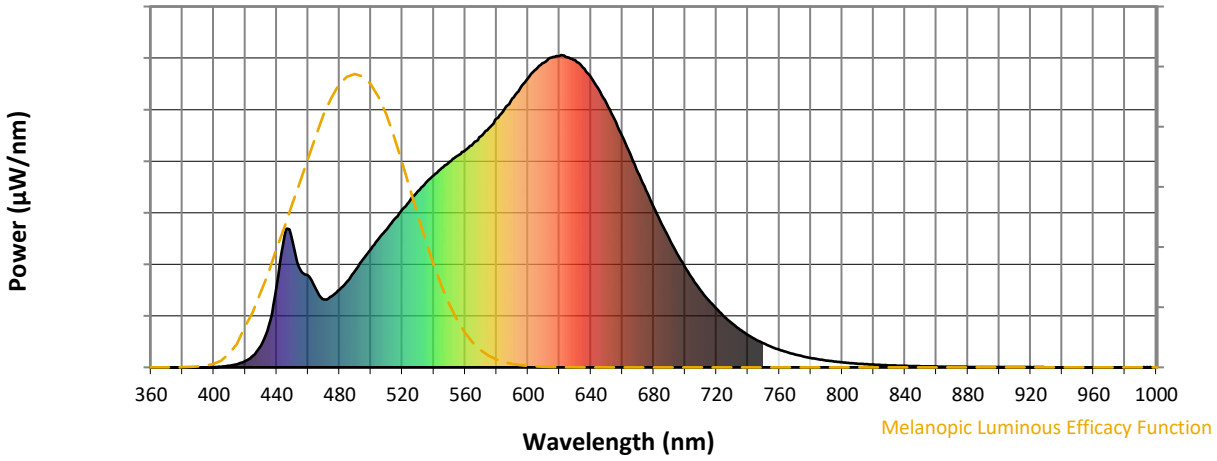
Melanopic Flux vs. Wavelength



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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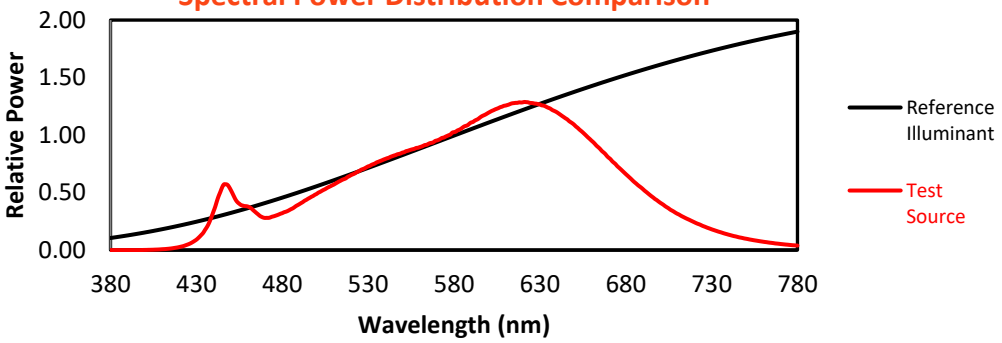
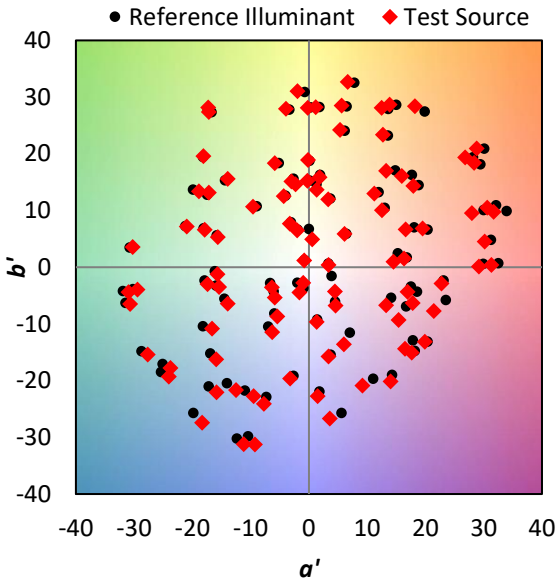
Summary

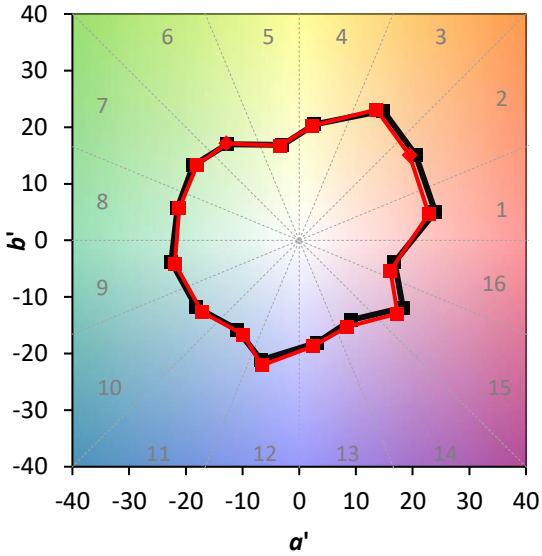
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

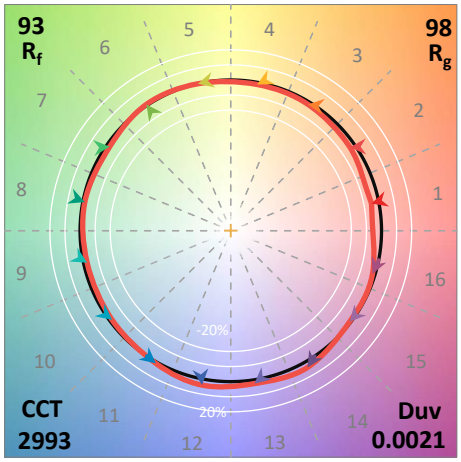
Spectral Power Distribution Comparison

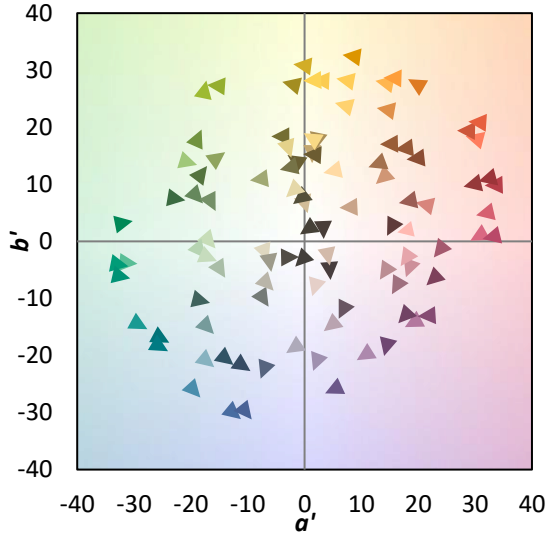


Color Vector Graphics









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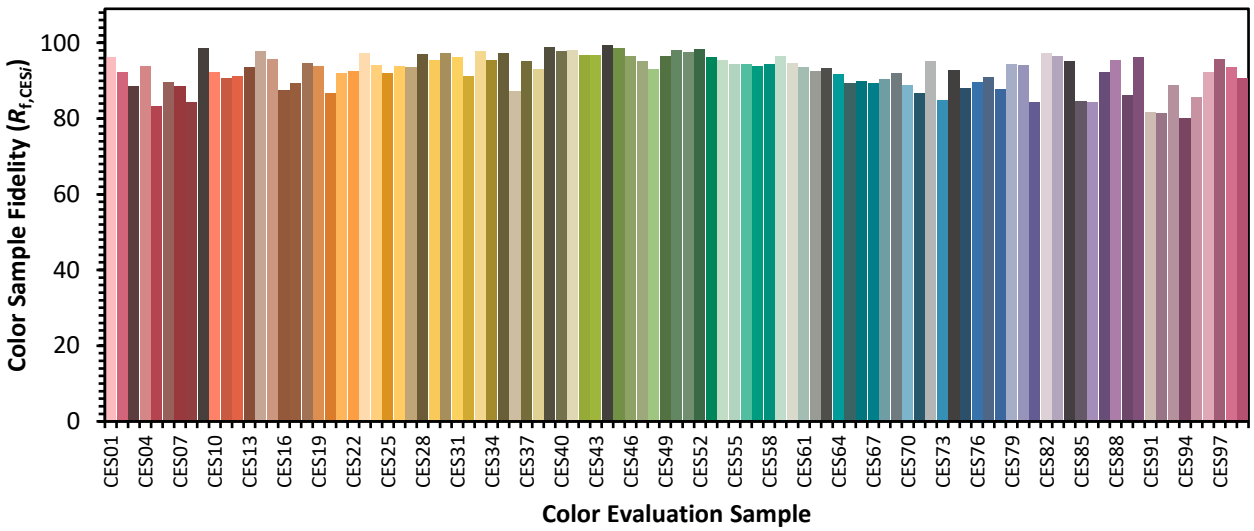
Individual Sample Fidelity Index ($R_{f,i}$)

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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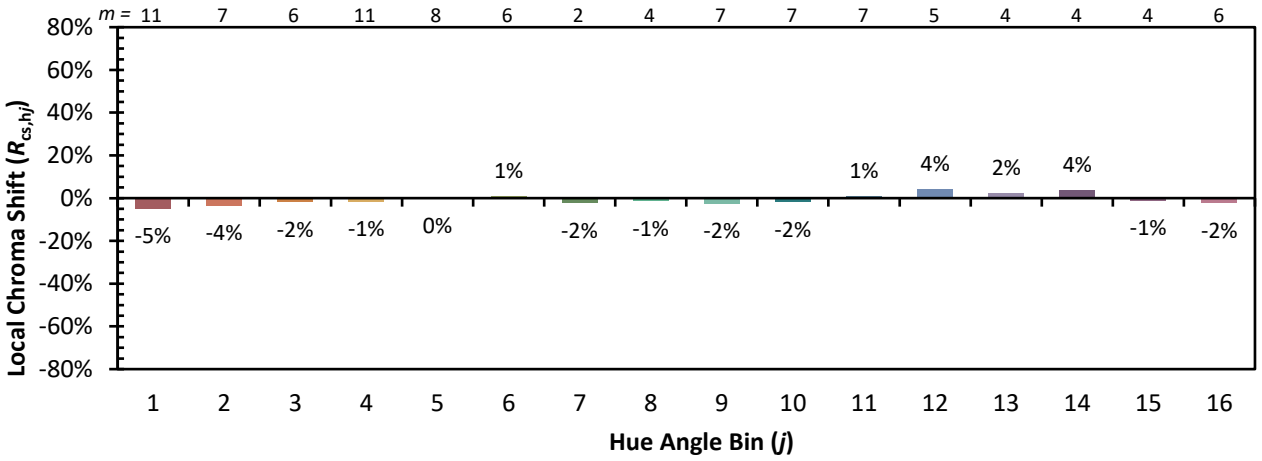
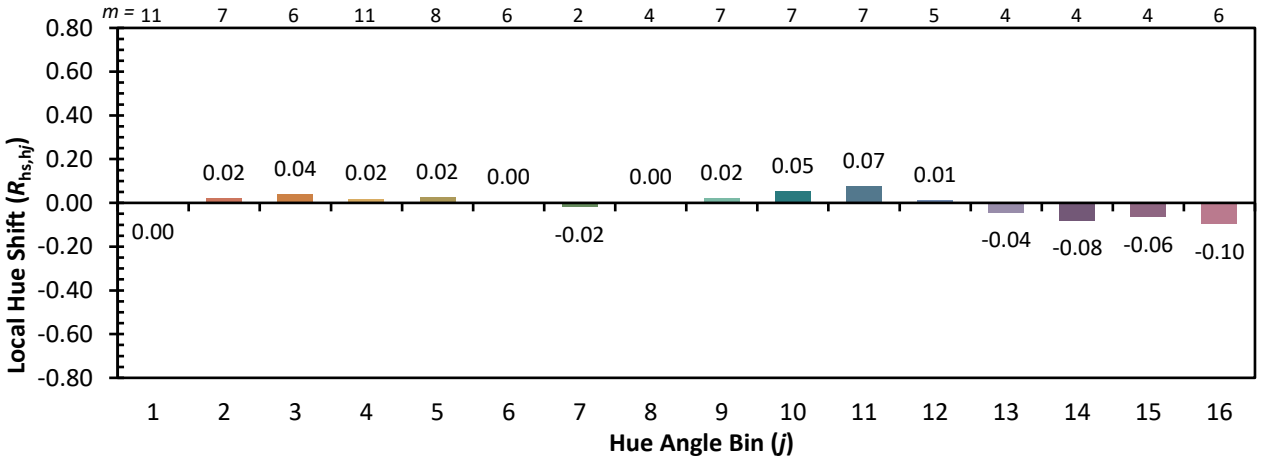
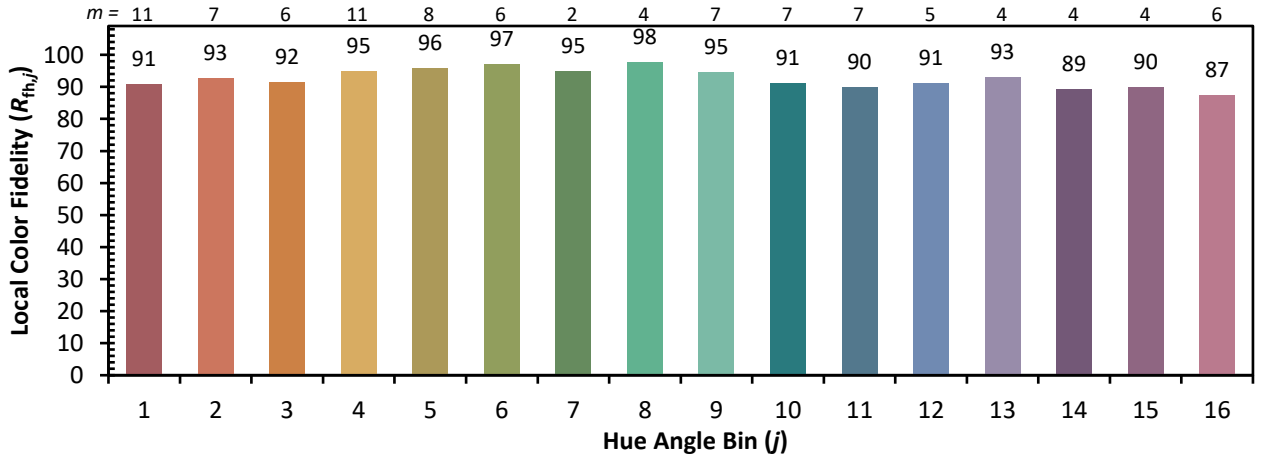
Color Rendition by Hue-Angle Bin







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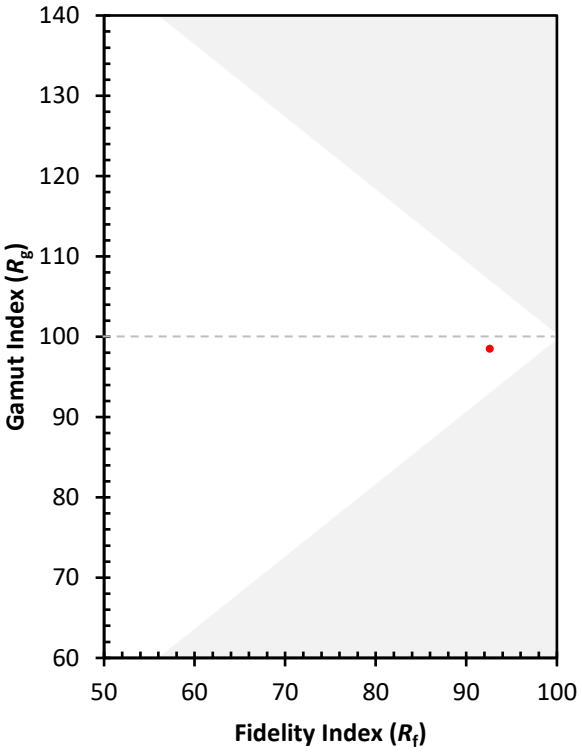
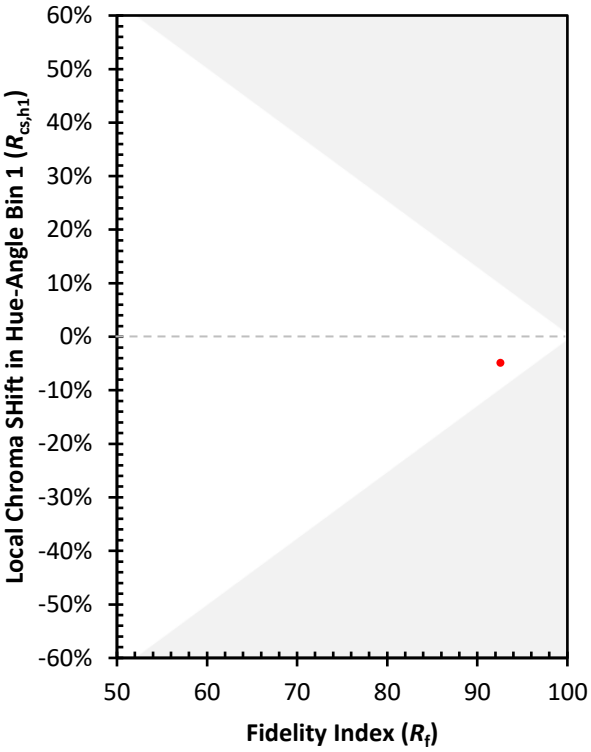
Measure Comparisons





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