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: P1459131

Luminaire Tested: GLAN-SB8A-930-U-T4LG-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:	P1459131
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8A-930-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV 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:	18310.3 lumens
Efficiency:	N/A
Efficacy:	80.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

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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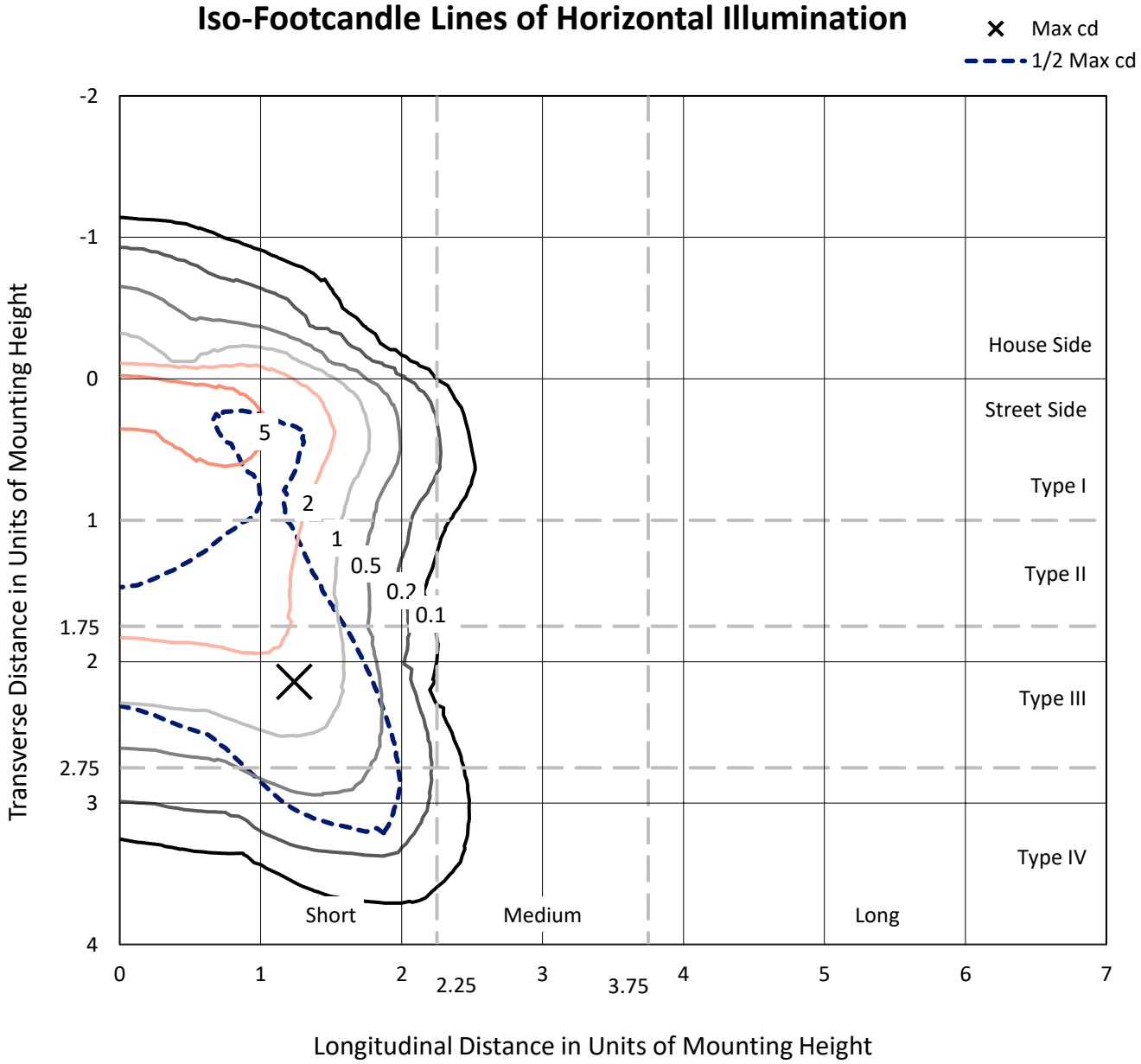
REPORT NUMBER: P1459131
CATALOG NUMBER: GLAN-SB8A-930-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



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

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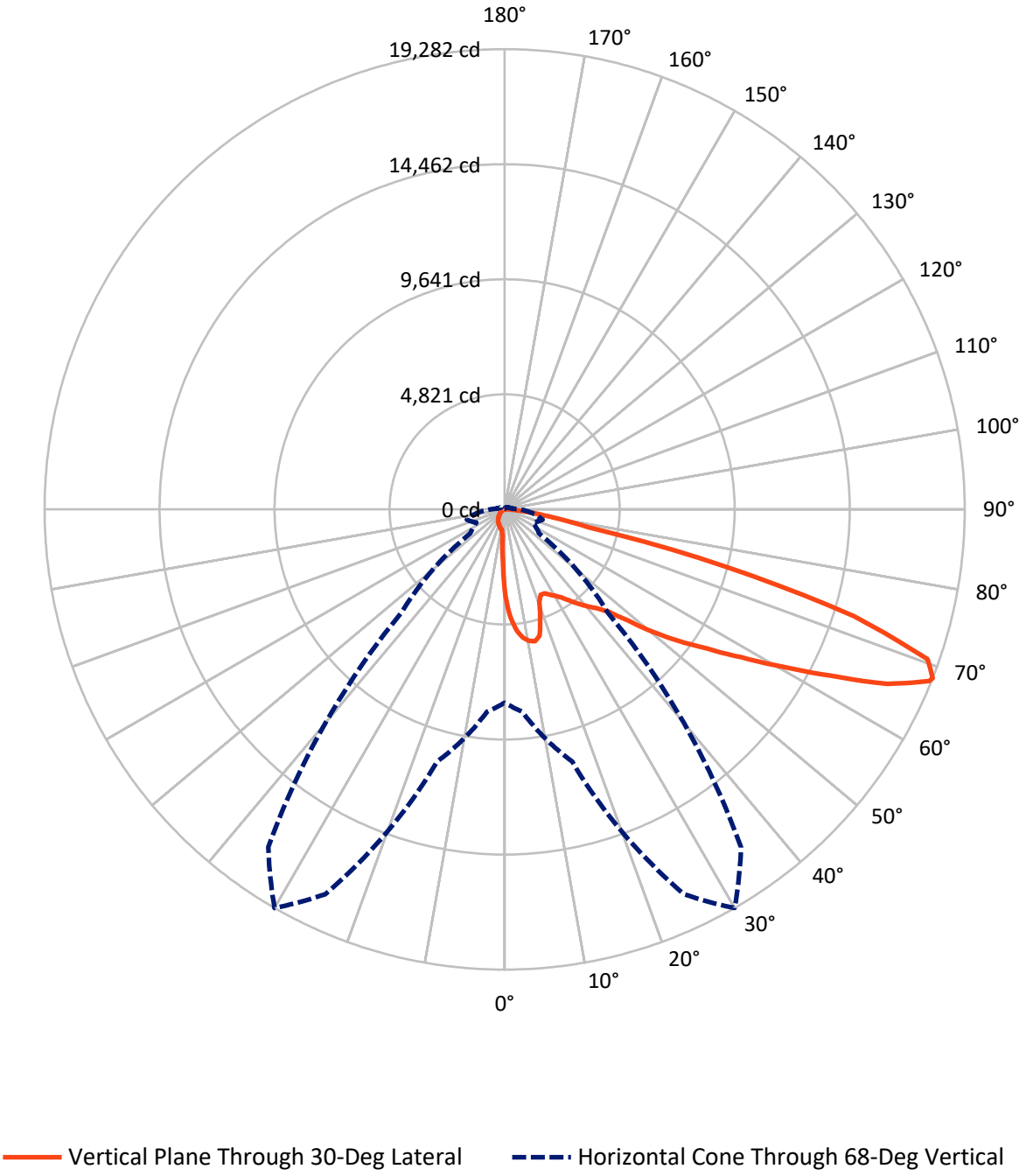
Luminous Intensity Polar Plot



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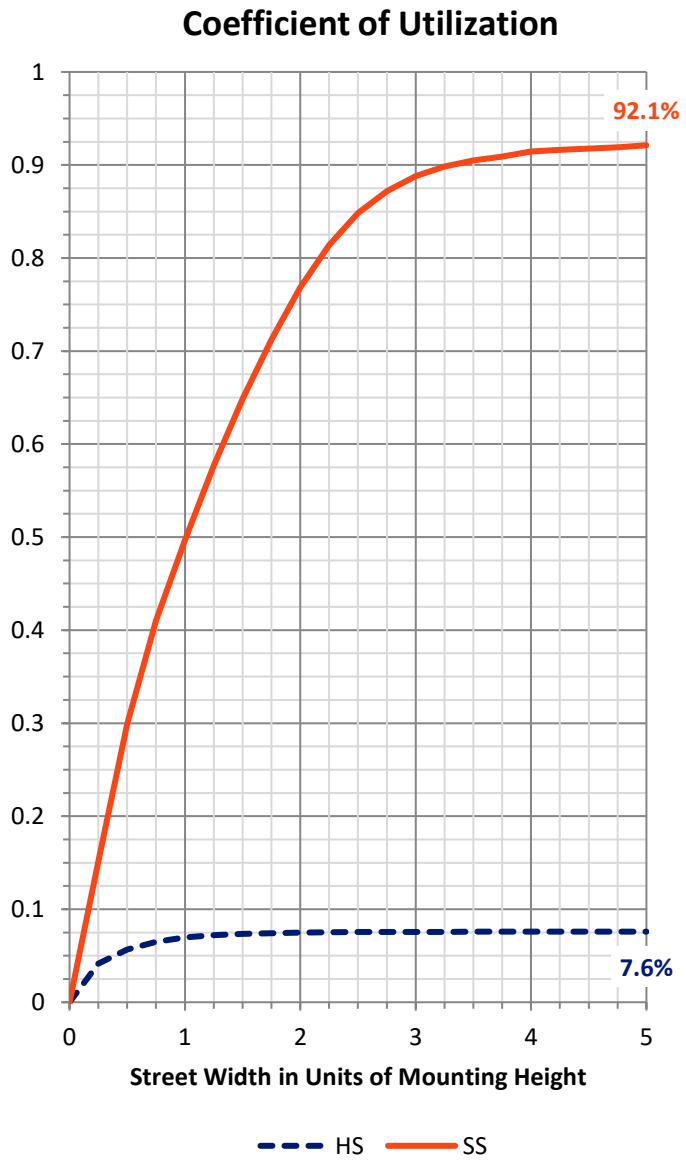
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1397.5	0.0	1397.5
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	16912.7	0.0	16912.7
	% Fixture	92.4	0.0	92.4
Total	Lumens	18310.3	0.0	18310.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	311.5	1.7
10°-20°	889.5	4.9
20°-30°	1397.8	7.6
30°-40°	2192.3	12.0
40°-50°	3276.8	17.9
50°-60°	4359.2	23.8
60°-70°	4214.0	23.0
70°-80°	1514.8	8.3
80°-90°	154.6	0.8
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°	18310.3	100.0
0°-180°	18310.3	100.0



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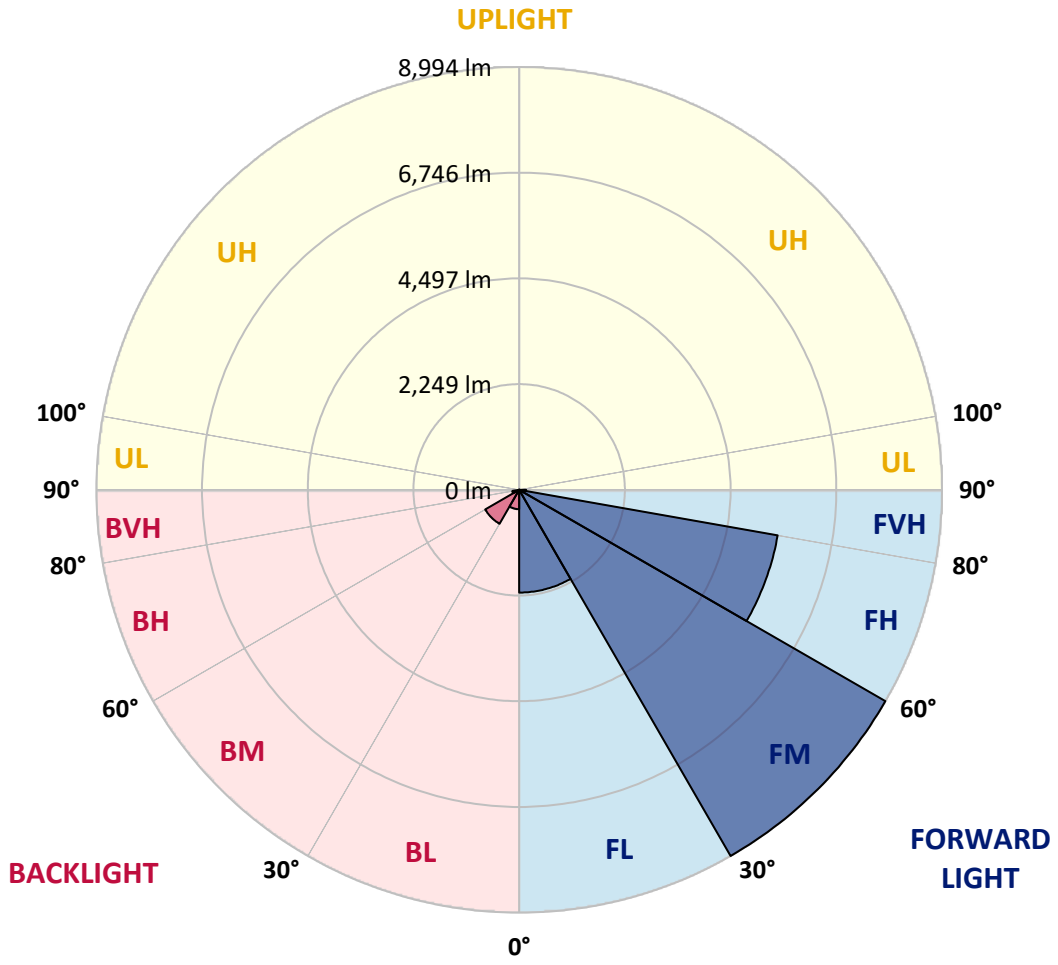
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2186.2	11.9			
FM	(30°-60°)	8994.0	49.1			
FH	(60°-80°)	5583.4	30.5			G3/7500
FVH	(80°-90°)	149.1	0.8			G2/225
BL	(0°-30°)	412.5	2.3	B1/500		
BM	(30°-60°)	834.2	4.6	B1/1000		
BH	(60°-80°)	145.4	0.8	B1/500		G1/500
BVH	(80°-90°)	5.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	3610.6	3610.6	3610.6	3610.6	*3610.6*	3610.6	3610.6	3610.6	3610.6	3610.6	3610.6
2.5°	4614.7	4614.7	4581.8	4537.9	*4488.5*	4472.1	4378.8	4247.1	4109.9	3950.8	3720.3
5°	5207.3	5201.9	5136.0	5136.0	*5070.2*	5009.8	4916.5	4724.5	4505.0	4219.7	3819.1
7.5°	5470.7	5481.7	5454.3	5454.3	*5415.9*	5372.0	5317.1	5130.5	4872.6	4488.5	3917.9
10°	5564.0	5569.5	5569.5	5607.9	*5596.9*	5591.4	5586.0	5481.7	5212.8	4762.9	4022.1
12.5°	5339.0	5366.5	5443.3	5613.4	*5668.3*	5728.6	5810.9	5778.0	5591.4	5108.6	4181.2
15°	4614.7	4620.2	4834.2	5256.7	*5481.7*	5712.2	6030.4	6096.3	5975.6	5481.7	4345.9
17.5°	3808.1	3824.6	3994.7	4466.6	*4828.7*	5361.0	6156.6	6425.5	6381.6	5849.3	4499.5
20°	3473.4	3495.3	3577.6	3874.0	*4148.3*	4642.2	6030.4	6738.3	6754.7	6217.0	4642.2
22.5°	3396.6	3413.0	3478.9	3709.3	*3879.4*	4208.7	5602.4	6985.2	7177.2	6639.5	4812.3
25°	3374.6	3391.1	3489.9	3742.3	*3901.4*	4175.8	5212.8	7116.9	7676.6	7078.5	4976.9
27.5°	3358.2	3380.1	3539.2	3863.0	*4049.5*	4312.9	5141.5	7144.3	8154.0	7544.9	5245.8
30°	3380.1	3413.0	3621.5	3989.2	*4203.2*	4499.5	5311.6	7171.8	8680.7	8077.1	5586.0
32.5°	3467.9	3495.3	3747.8	4159.3	*4406.2*	4740.9	5602.4	7336.4	9180.1	8620.4	5909.7
35°	3566.7	3605.1	3906.9	4400.7	*4697.0*	5075.7	5997.5	7660.1	9657.5	9136.2	6244.4
37.5°	3687.4	3731.3	4093.4	4675.1	*5015.3*	5443.3	6425.5	8110.1	10080.0	9558.7	6579.1
40°	3852.0	3901.4	4307.4	4965.9	*5333.6*	5761.6	6848.0	8554.5	10403.7	9811.1	6798.6
42.5°	4499.5	4565.3	4735.4	5251.2	*5662.8*	6101.8	7265.0	8977.0	10524.4	9893.4	6842.5
45°	5706.7	5772.5	5728.6	5827.4	*6101.8*	6513.3	7720.5	9383.1	10540.9	9871.5	6820.6
47.5°	6919.4	6996.2	6957.8	6902.9	*6963.2*	7160.8	8230.8	9641.0	10453.1	9860.5	6820.6
50°	8077.1	8033.3	8038.7	8022.3	*8077.1*	8181.4	8724.6	9690.4	10431.2	9964.7	6880.9
52.5°	8697.2	8719.1	8856.3	9059.4	*9180.1*	9284.3	9289.8	9767.2	10272.0	9789.2	6809.6
55°	9306.3	9350.2	9668.4	10014.1	*10283.0*	10480.5	9855.0	9717.8	9322.7	9202.0	6436.5
57.5°	9992.2	10052.5	10502.5	11215.8	*11687.7*	11792.0	10414.7	8796.0	7890.6	8362.5	5712.2
60°	10936.0	11007.3	11605.4	12675.4	*13377.8*	13163.8	10458.6	7330.9	6266.4	6941.3	4713.5
62.5°	11676.7	11819.4	12900.4	14568.5	*15342.2*	14661.8	9641.0	5618.9	4378.8	4878.1	3440.5
65°	10886.6	11161.0	12922.3	16735.9	*17630.4*	16423.2	8357.0	3835.5	2469.2	3155.1	2200.4
67.5°	8801.5	9185.6	11473.7	17789.5	*19199.7*	17350.5	6579.1	2035.7	1415.7	1832.7	1157.8
68°	*8099.1*	*8516.1*	*10941.5*	*17789.5*	*19282.0*	*17268.2*	*6107.2*	*1761.4*	*1306.0*	*1646.2*	*1004.2*
70°	5596.9	5893.2	8411.9	16790.8	*18799.1*	15742.8	4022.1	1009.6	982.2	1130.4	664.0
72.5°	2743.6	3061.9	4499.5	13306.4	*15314.8*	12099.3	1832.7	669.4	746.3	828.6	521.3
75°	1092.0	1157.8	1772.4	6562.7	*9569.7*	7720.5	960.3	504.8	642.0	647.5	411.5
77.5°	625.5	664.0	982.2	2414.4	*3588.6*	3451.4	620.1	362.2	510.3	466.4	268.9
80°	351.2	356.7	554.2	1273.0	*2052.2*	1838.2	422.5	263.4	389.6	329.2	181.1
82.5°	175.6	197.5	351.2	702.4	*1141.3*	1168.8	225.0	186.6	312.8	235.9	148.2
85°	126.2	137.2	252.4	389.6	*526.8*	790.2	137.2	93.3	235.9	159.1	104.3
87.5°	65.8	82.3	159.1	192.1	*214.0*	268.9	65.8	43.9	131.7	93.3	54.9
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: P1459131
CATALOG NUMBER: GLAN-SB8A-930-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3610.6	3610.6	3610.6	3610.6	3610.6	3610.6	3610.6	3610.6	3610.6	3610.6	3610.6
2.5°	3610.6	3484.4	3226.5	2924.7	2688.7	2447.3	2249.7	2063.2	1975.4	1964.4	1986.4
5°	3594.1	3319.8	2732.6	2156.5	1684.6	1355.3	1174.3	1081.0	1031.6	1009.6	1015.1
7.5°	3561.2	3144.2	2205.9	1459.6	1092.0	949.3	905.4	888.9	883.4	883.4	883.4
10°	3528.3	2908.2	1690.1	1070.0	894.4	856.0	845.0	845.0	839.5	839.5	845.0
12.5°	3511.8	2688.7	1311.4	894.4	834.1	817.6	806.6	801.1	801.1	801.1	806.6
15°	3473.4	2447.3	1059.0	828.6	795.6	773.7	768.2	762.7	762.7	762.7	762.7
17.5°	3440.5	2211.3	921.8	784.7	757.2	735.3	729.8	724.3	724.3	729.8	729.8
20°	3391.1	1986.4	828.6	740.8	718.8	696.9	691.4	685.9	691.4	691.4	691.4
22.5°	3330.7	1799.8	773.7	707.8	680.4	658.5	658.5	658.5	658.5	658.5	664.0
25°	3292.3	1668.1	735.3	669.4	642.0	625.5	620.1	620.1	631.0	631.0	636.5
27.5°	3352.7	1635.2	740.8	658.5	609.1	592.6	587.1	587.1	598.1	603.6	609.1
30°	3533.8	1695.5	806.6	691.4	587.1	559.7	554.2	554.2	570.7	576.2	581.6
32.5°	3742.3	1821.7	905.4	735.3	570.7	526.8	515.8	515.8	532.3	537.7	543.2
35°	4027.6	2019.3	1037.1	773.7	581.6	493.8	471.9	471.9	482.9	493.8	499.3
37.5°	4395.2	2343.0	1190.7	801.1	581.6	455.4	428.0	422.5	433.5	433.5	439.0
40°	4779.3	2765.5	1349.8	801.1	554.2	417.0	389.6	373.1	378.6	373.1	378.6
42.5°	4993.3	3105.8	1487.0	751.7	521.3	378.6	351.2	329.2	323.7	312.8	318.3
45°	5114.1	3259.4	1448.6	696.9	488.4	351.2	318.3	290.8	279.8	263.4	263.4
47.5°	5114.1	3275.9	1240.1	653.0	455.4	329.2	285.3	257.9	241.4	225.0	230.5
50°	5053.7	3127.7	982.2	609.1	417.0	307.3	257.9	235.9	214.0	203.0	203.0
52.5°	4801.3	2644.8	751.7	554.2	373.1	279.8	230.5	208.5	186.6	181.1	181.1
55°	4367.8	1942.5	609.1	499.3	334.7	257.9	208.5	192.1	170.1	159.1	159.1
57.5°	3550.2	1327.9	504.8	449.9	296.3	230.5	186.6	170.1	142.7	131.7	131.7
60°	2633.9	867.0	428.0	395.1	252.4	208.5	164.6	142.7	120.7	109.7	104.3
62.5°	1777.9	587.1	356.7	312.8	214.0	181.1	142.7	120.7	93.3	71.3	71.3
65°	1108.4	455.4	296.3	246.9	186.6	159.1	120.7	93.3	65.8	49.4	43.9
67.5°	636.5	367.6	241.4	192.1	159.1	126.2	93.3	76.8	54.9	38.4	32.9
68°	*587.1*	*351.2*	*225.0*	*181.1*	*148.2*	*120.7*	*87.8*	*71.3*	*49.4*	*32.9*	*32.9*
70°	477.4	312.8	192.1	148.2	126.2	98.8	76.8	60.4	38.4	21.9	21.9
72.5°	422.5	263.4	164.6	115.2	87.8	82.3	60.4	43.9	27.4	16.5	11.0
75°	345.7	208.5	131.7	87.8	60.4	60.4	43.9	27.4	11.0	0.0	0.0
77.5°	225.0	153.6	104.3	54.9	32.9	38.4	27.4	11.0	0.0	0.0	0.0
80°	148.2	115.2	71.3	27.4	16.5	16.5	5.5	0.0	0.0	0.0	0.0
82.5°	104.3	76.8	43.9	11.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0
85°	65.8	32.9	16.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.4	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

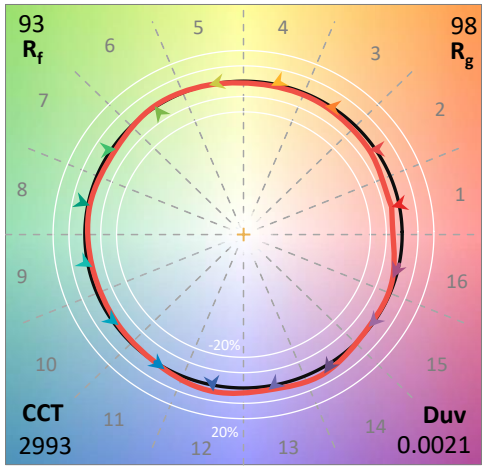
Test Information

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

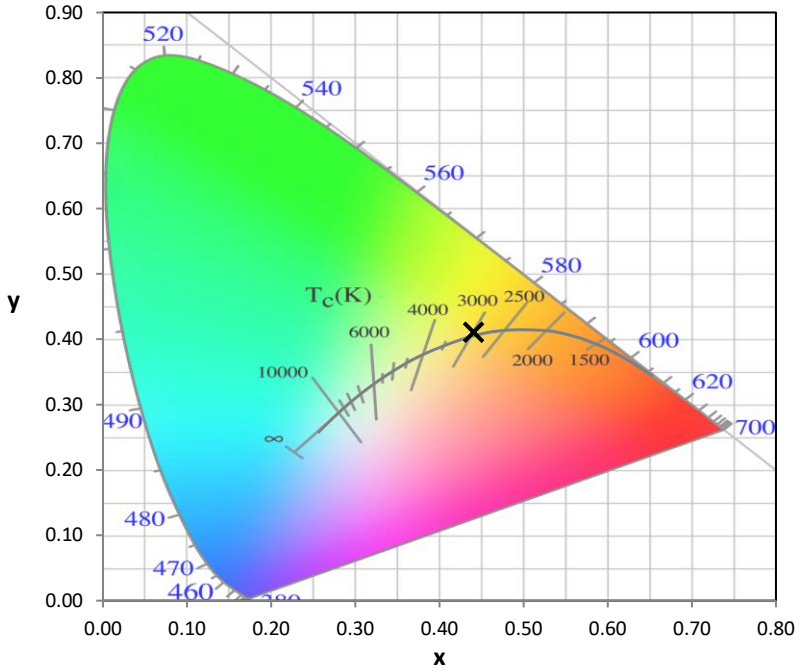
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

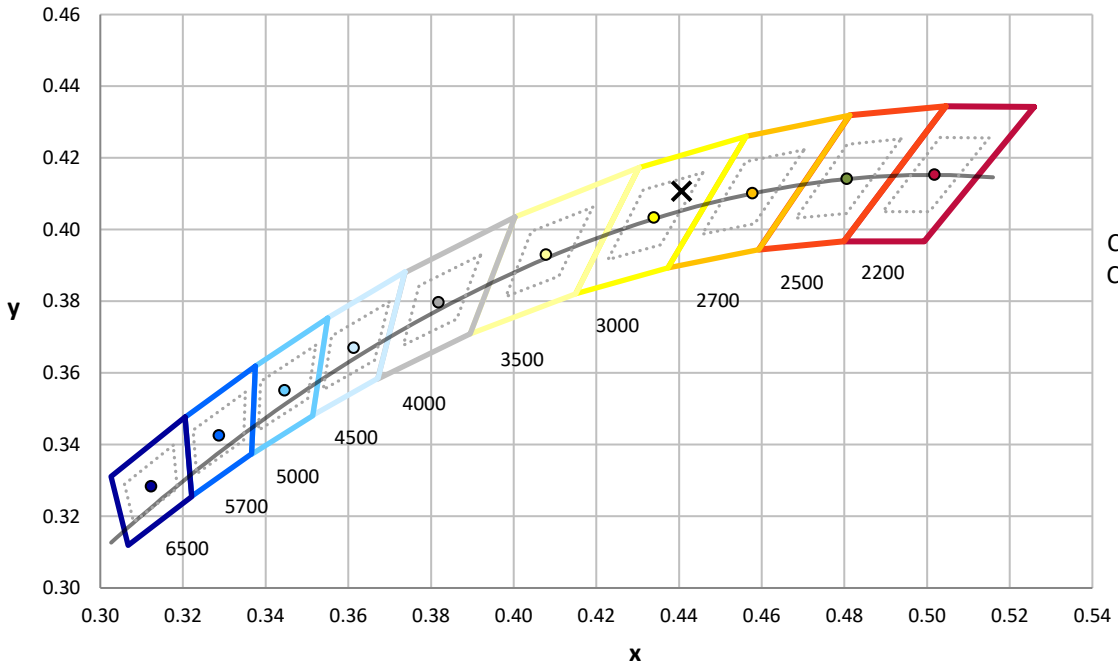
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

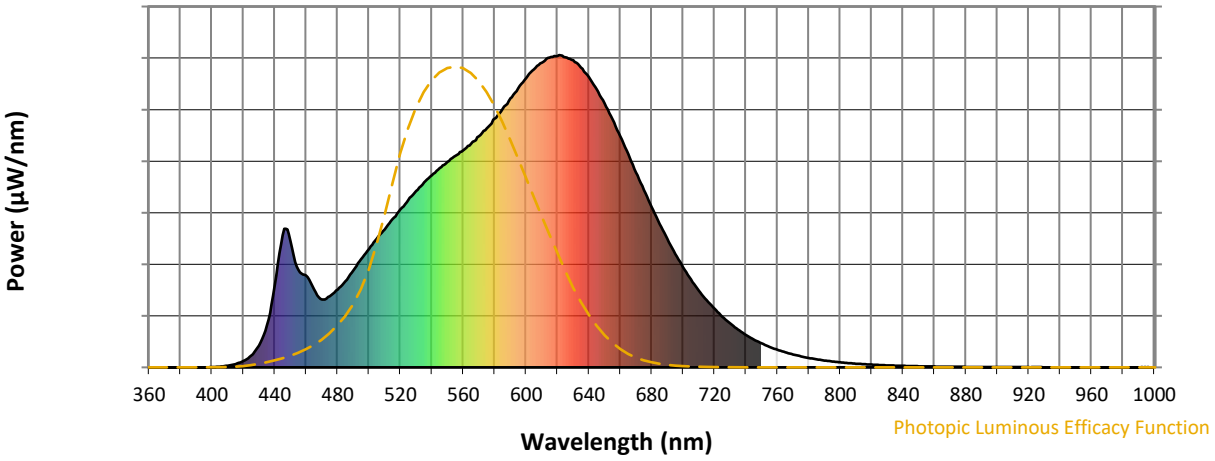


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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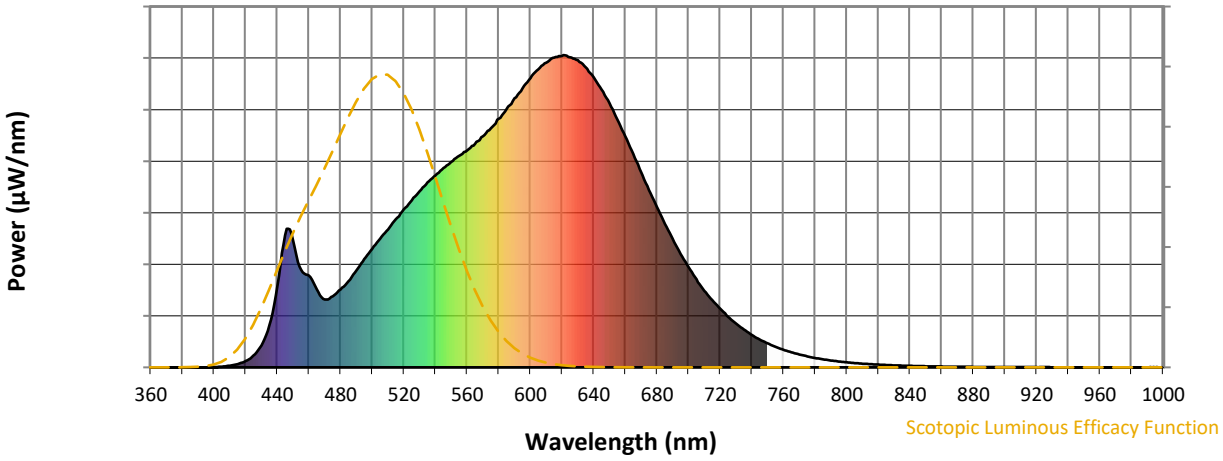
Scotopic Flux vs. Wavelength



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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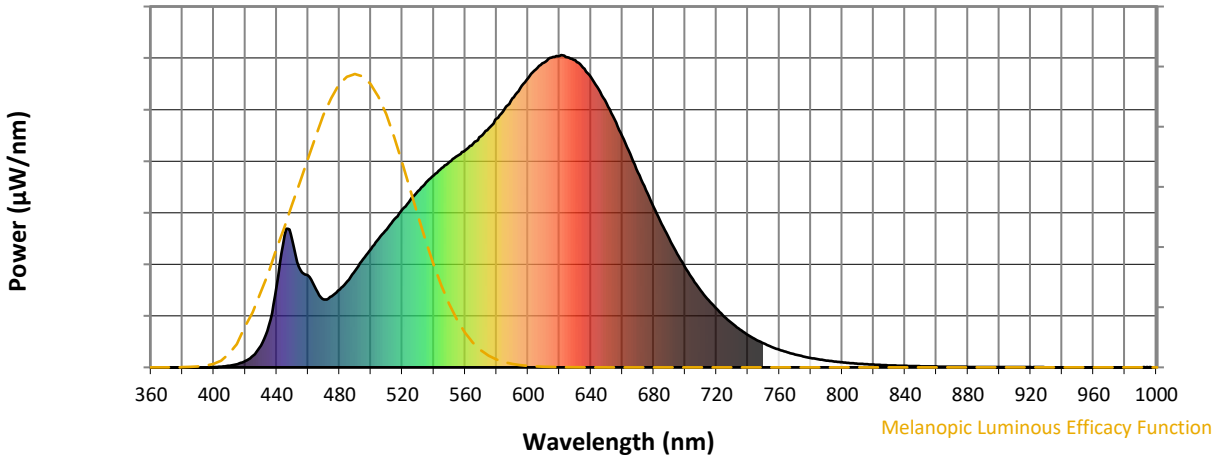
Melanopic Flux vs. Wavelength



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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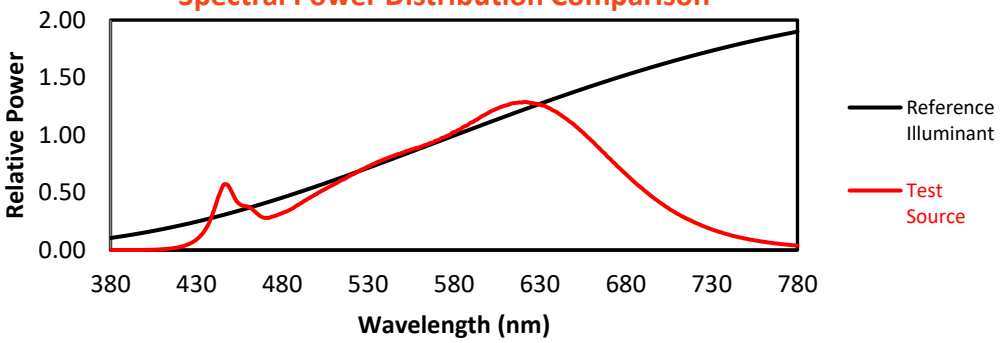
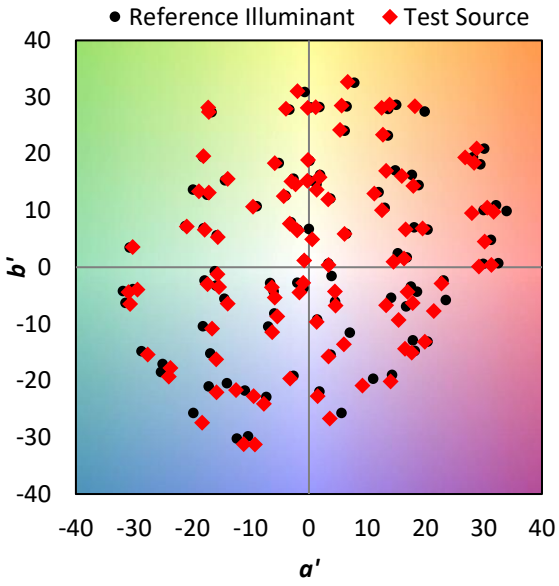
Summary

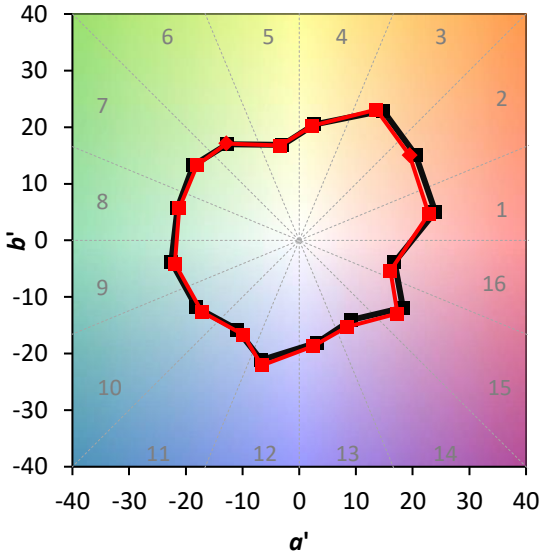
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

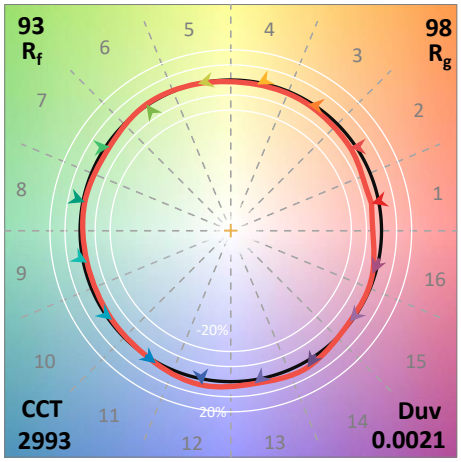
Spectral Power Distribution Comparison

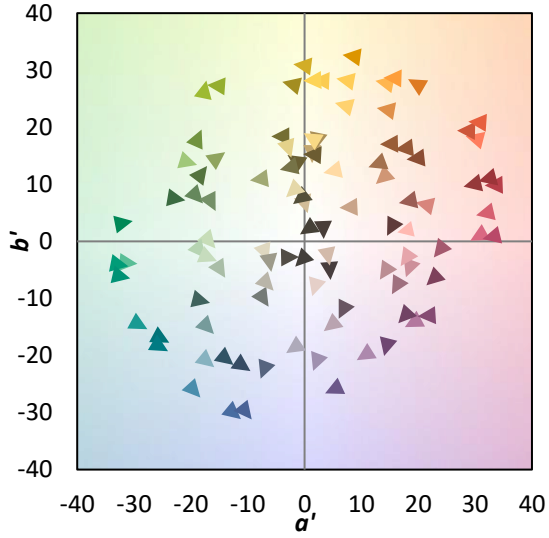


Color Vector Graphics









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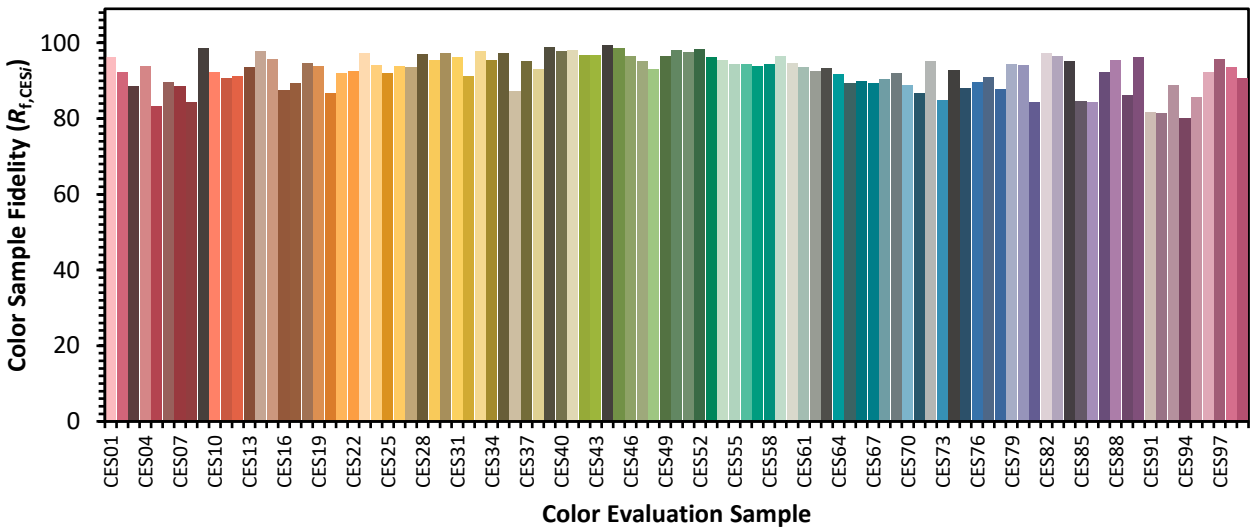
Individual Sample Fidelity Index ($R_{f,i}$)

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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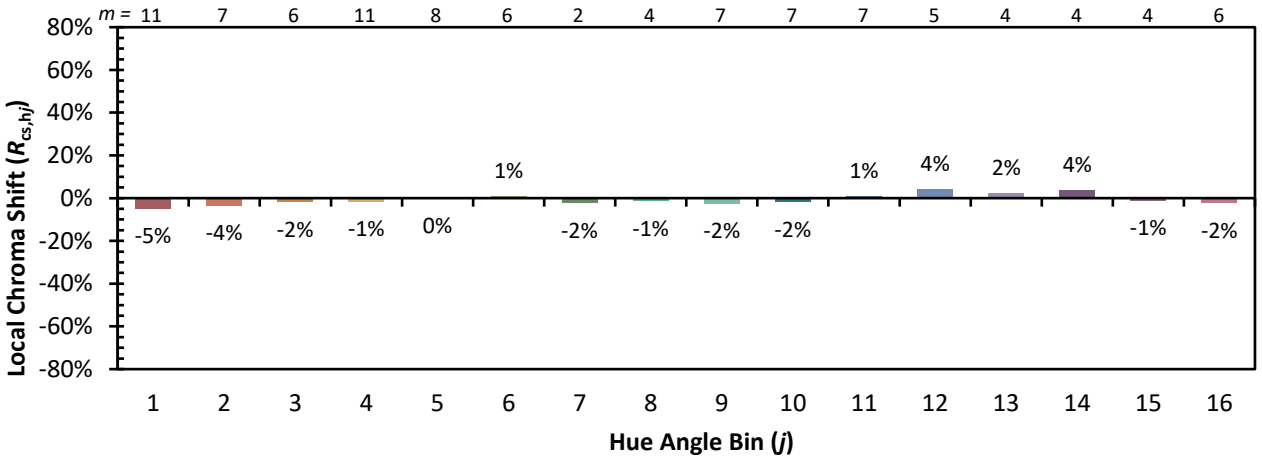
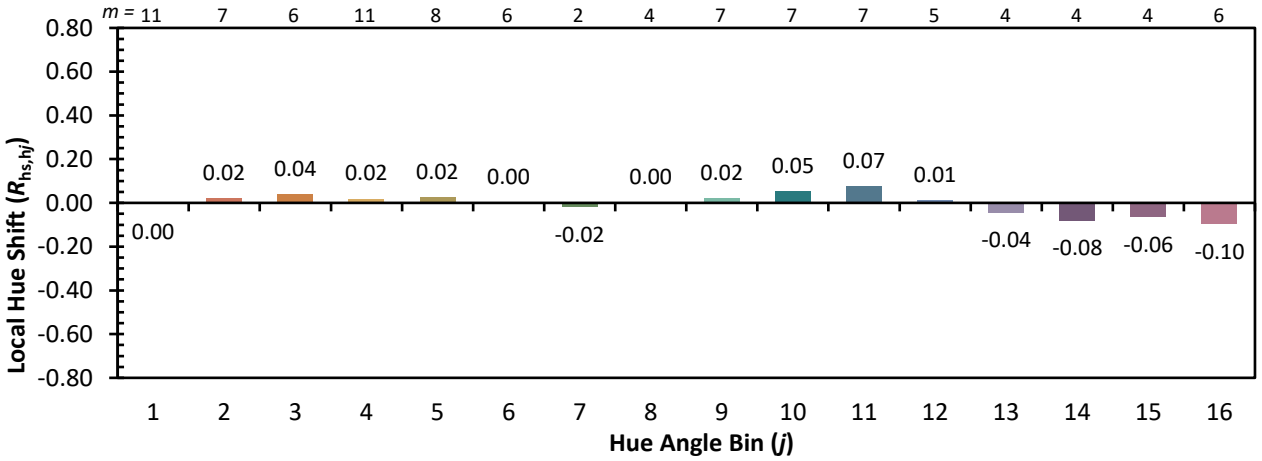
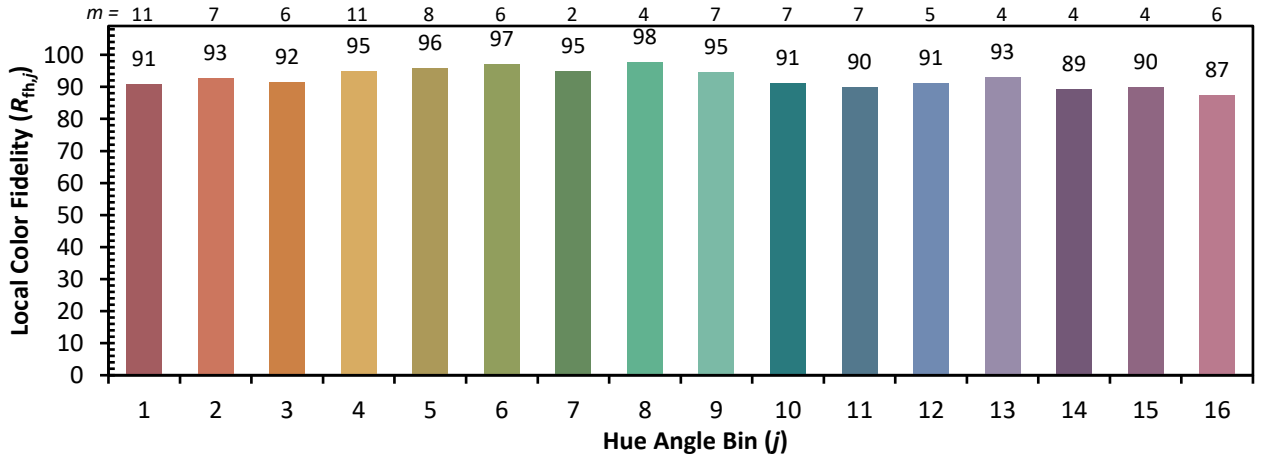
Color Rendition by Hue-Angle Bin







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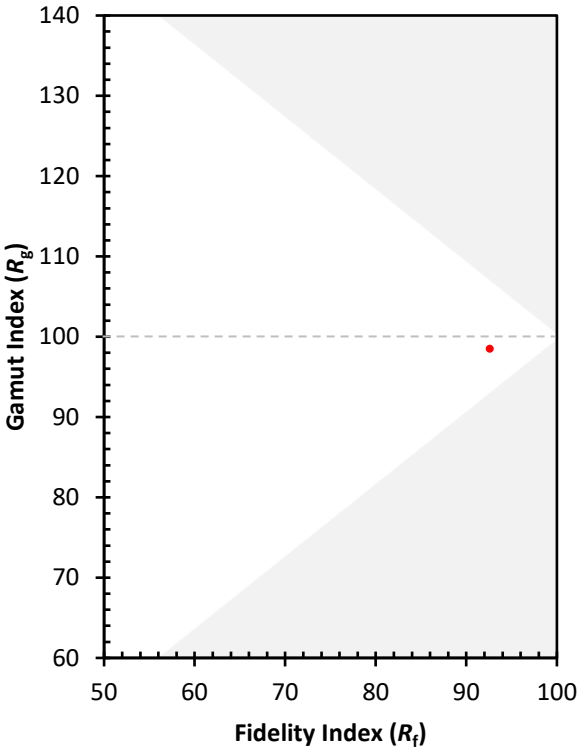
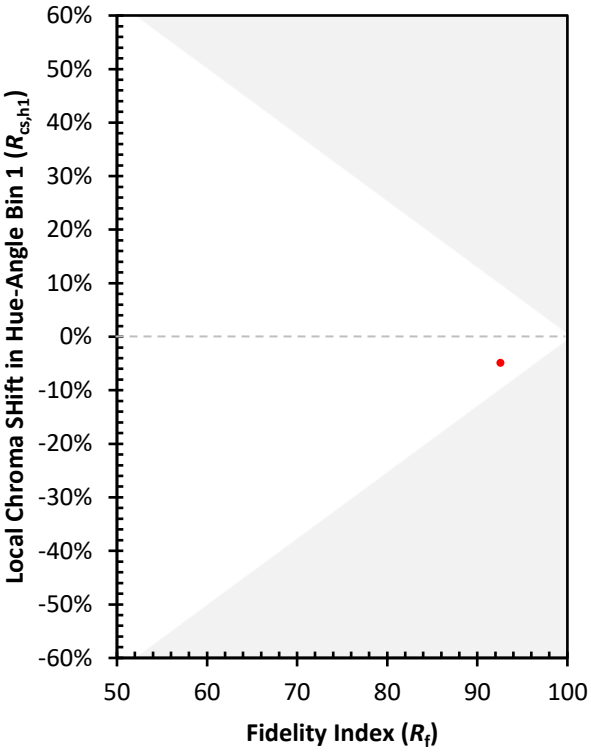
Measure Comparisons





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