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: P1459114

Luminaire Tested: GLAN-SB3D-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:	P1459114
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3D-930-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15412.1 lumens
Efficiency:	N/A
Efficacy:	70.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

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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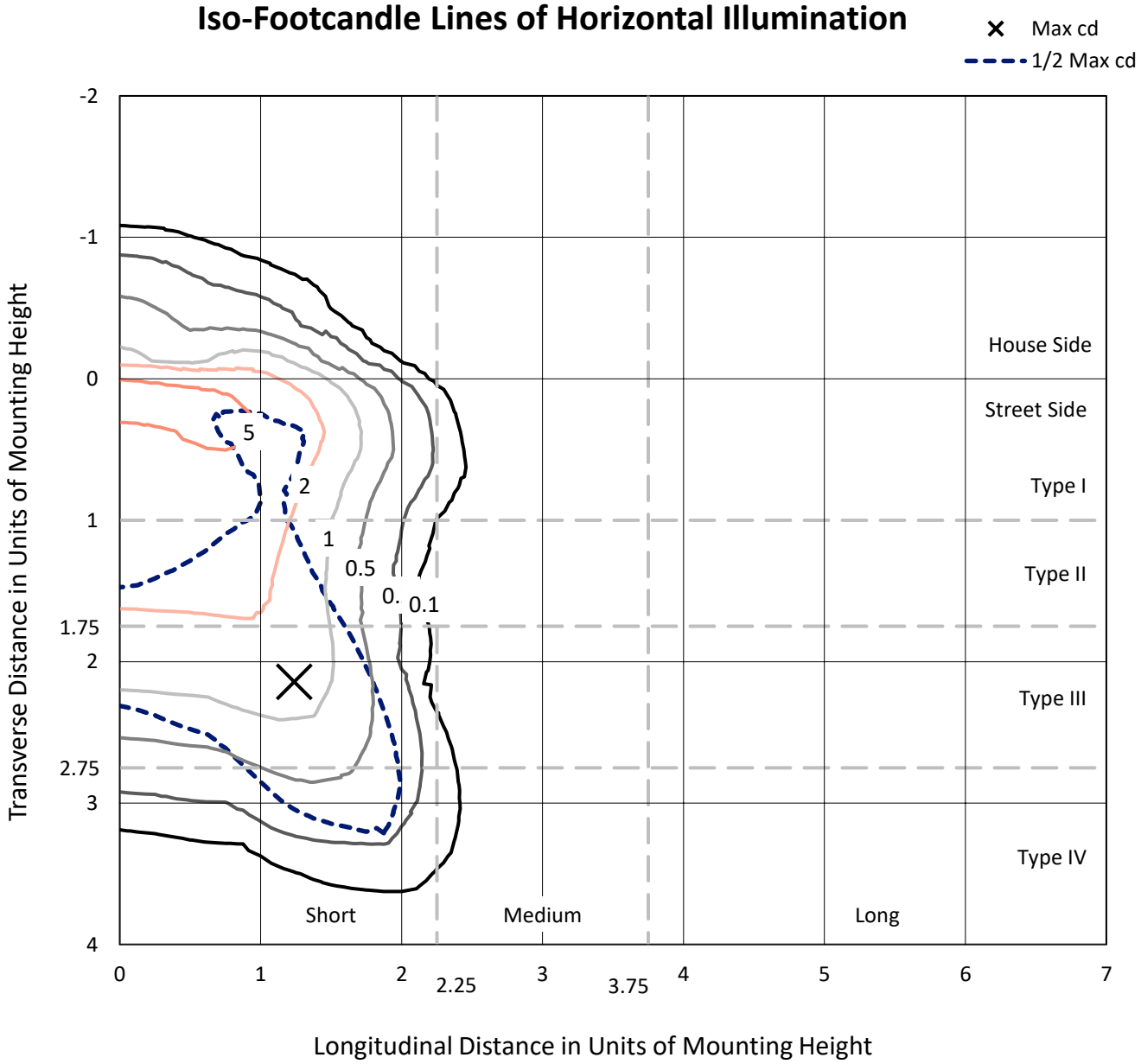
REPORT NUMBER: P1459114
CATALOG NUMBER: GLAN-SB3D-930-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.4 fc
Type IV - Short - N/A

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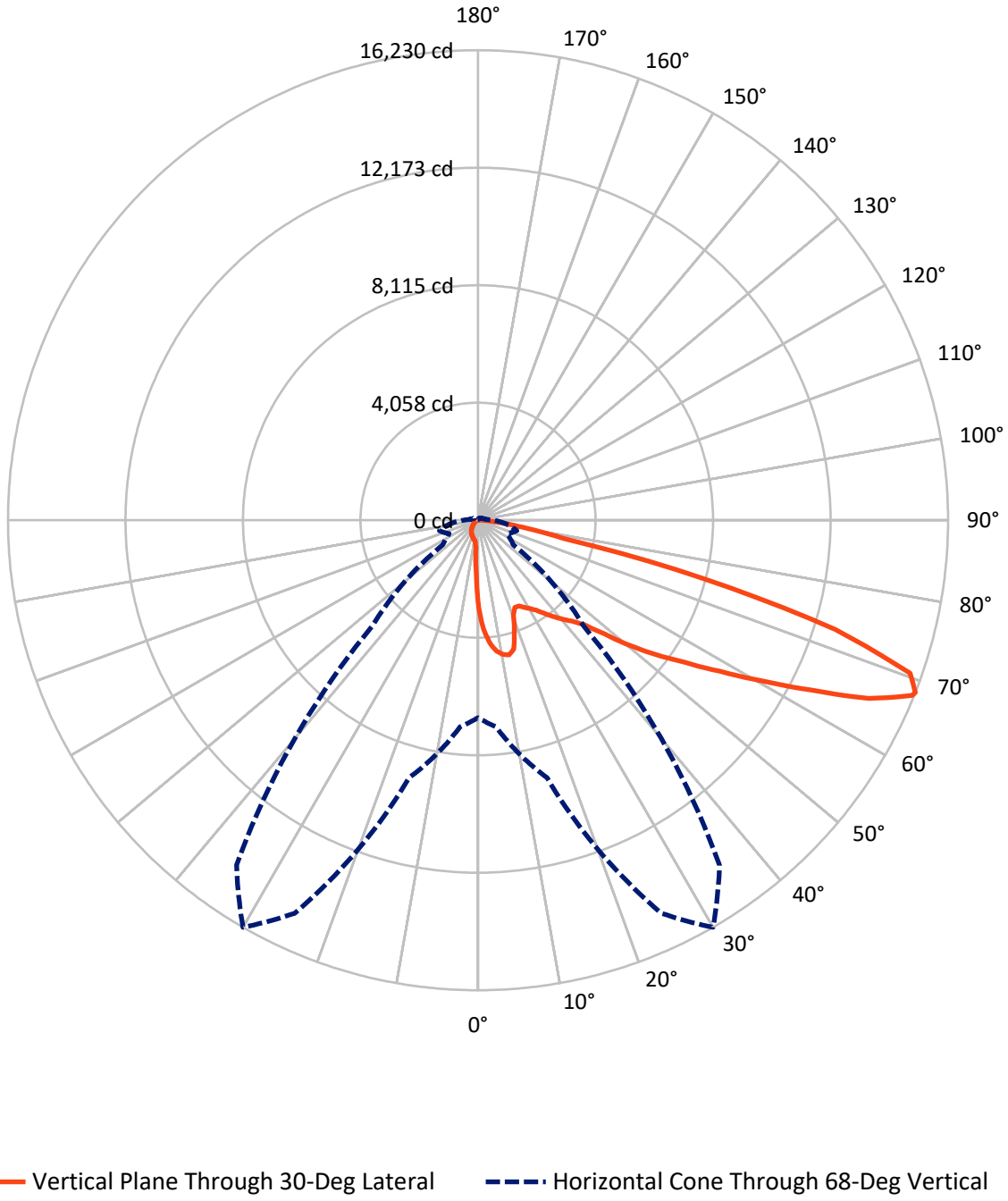
Luminous Intensity Polar Plot



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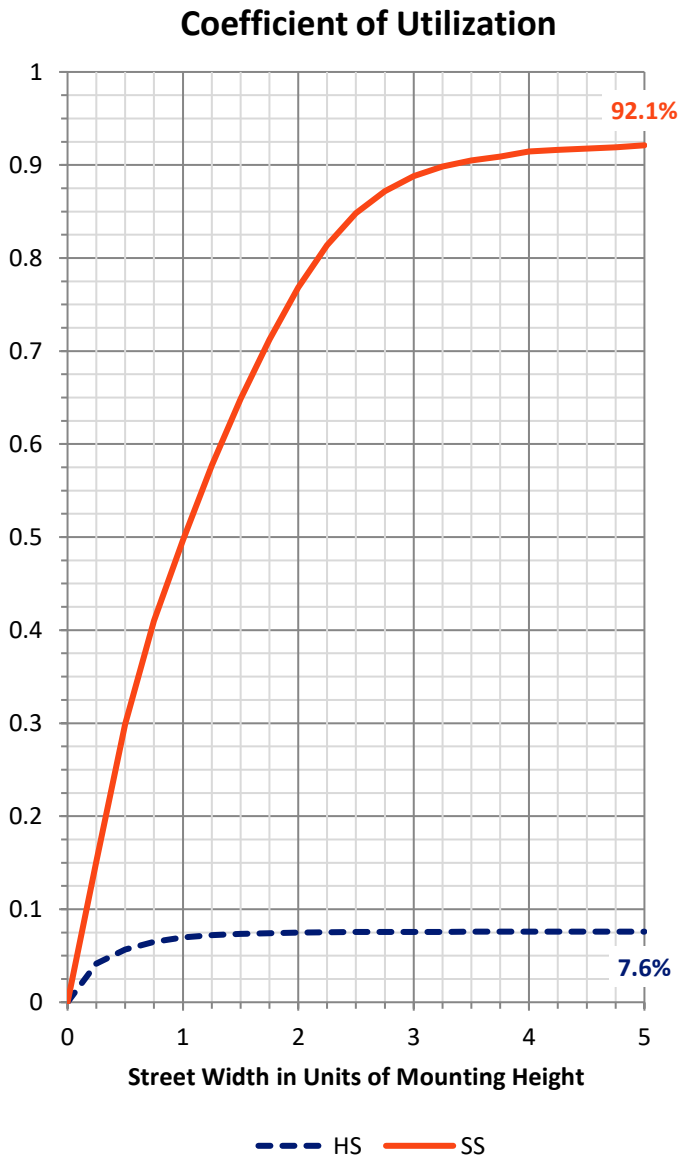
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1176.3	0.0	1176.3
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	14235.8	0.0	14235.8
	% Fixture	92.4	0.0	92.4
Total	Lumens	15412.1	0.0	15412.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.2	1.7
10°-20°	748.7	4.9
20°-30°	1176.5	7.6
30°-40°	1845.3	12.0
40°-50°	2758.1	17.9
50°-60°	3669.2	23.8
60°-70°	3547.0	23.0
70°-80°	1275.0	8.3
80°-90°	130.1	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°	15412.1	100.0
0°-180°	15412.1	100.0



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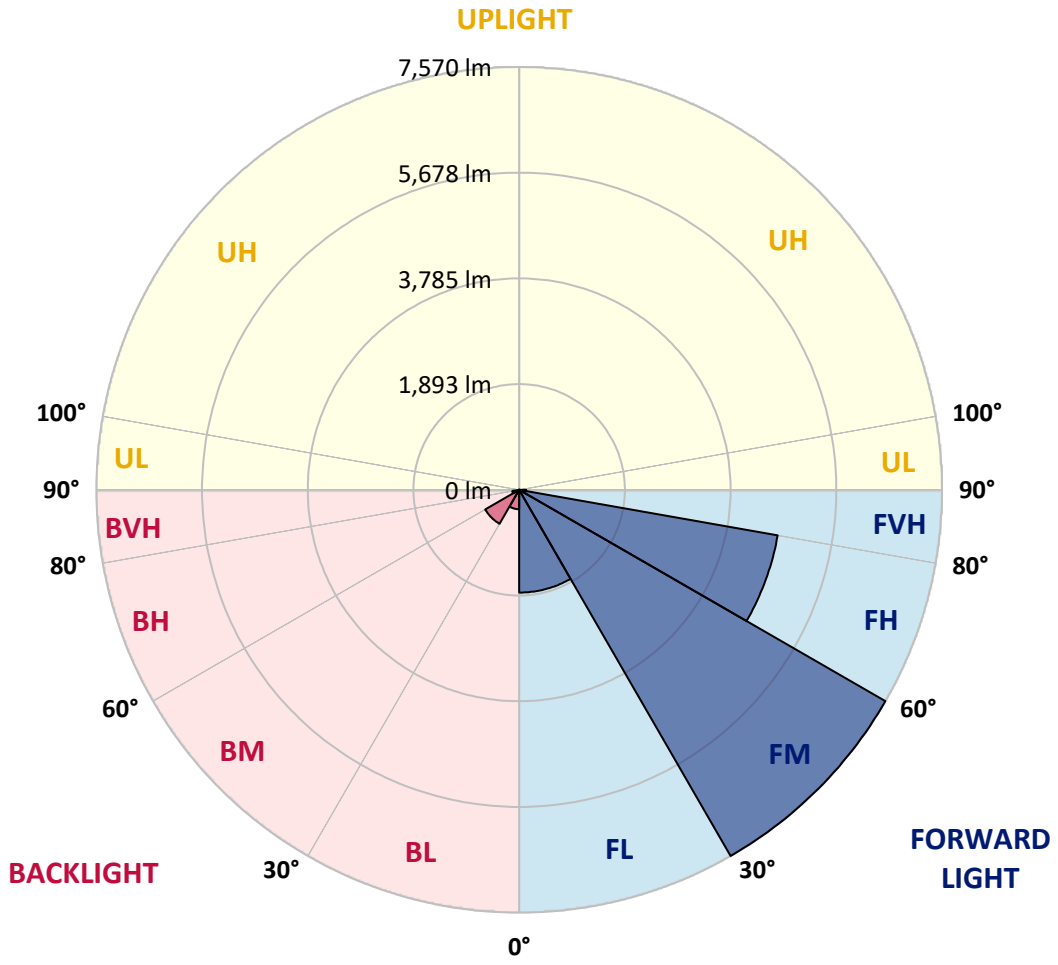
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1840.2	11.9			
FM	(30°-60°)	7570.4	49.1			
FH	(60°-80°)	4699.6	30.5			G2/5000
FVH	(80°-90°)	125.5	0.8			G2/225
BL	(0°-30°)	347.2	2.3	B1/500		
BM	(30°-60°)	702.2	4.6	B1/1000		
BH	(60°-80°)	122.3	0.8	B1/500		G1/500
BVH	(80°-90°)	4.6	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-G2
Type IV Short



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REPORT NUMBER: P1459114
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	3039.1	3039.1	3039.1	3039.1	*3039.1*	3039.1	3039.1	3039.1	3039.1	3039.1	3039.1
2.5°	3884.3	3884.3	3856.6	3819.6	*3778.1*	3764.2	3685.7	3574.9	3459.4	3325.4	3131.5
5°	4383.1	4378.5	4323.1	4323.1	*4267.7*	4216.8	4138.3	3976.7	3791.9	3551.8	3214.6
7.5°	4604.8	4614.1	4591.0	4591.0	*4558.6*	4521.7	4475.5	4318.5	4101.4	3778.1	3297.7
10°	4683.3	4688.0	4688.0	4720.3	*4711.0*	4706.4	4701.8	4614.1	4387.7	4009.0	3385.5
12.5°	4494.0	4517.1	4581.7	4724.9	*4771.1*	4821.9	4891.2	4863.5	4706.4	4300.0	3519.4
15°	3884.3	3888.9	4069.1	4424.7	*4614.1*	4808.0	5075.9	5131.3	5029.7	4614.1	3658.0
17.5°	3205.4	3219.2	3362.4	3759.6	*4064.4*	4512.4	5182.2	5408.5	5371.5	4923.5	3787.3
20°	2923.6	2942.1	3011.4	3260.8	*3491.7*	3907.4	5075.9	5671.7	5685.6	5233.0	3907.4
22.5°	2859.0	2872.8	2928.2	3122.2	*3265.4*	3542.5	4715.7	5879.6	6041.2	5588.6	4050.6
25°	2840.5	2854.3	2937.5	3149.9	*3283.9*	3514.8	4387.7	5990.4	6461.5	5958.1	4189.1
27.5°	2826.6	2845.1	2979.0	3251.5	*3408.6*	3630.3	4327.7	6013.5	6863.3	6350.7	4415.5
30°	2845.1	2872.8	3048.3	3357.8	*3537.9*	3787.3	4470.9	6036.6	7306.7	6798.7	4701.8
32.5°	2919.0	2942.1	3154.6	3501.0	*3708.8*	3990.5	4715.7	6175.2	7727.0	7255.9	4974.3
35°	3002.1	3034.5	3288.5	3704.2	*3953.6*	4272.3	5048.2	6447.7	8128.9	7690.1	5256.1
37.5°	3103.7	3140.7	3445.5	3935.1	*4221.5*	4581.7	5408.5	6826.4	8484.5	8045.7	5537.8
40°	3242.3	3283.9	3625.7	4179.9	*4489.4*	4849.6	5764.1	7200.5	8757.0	8258.2	5722.5
42.5°	3787.3	3842.7	3985.9	4420.1	*4766.5*	5136.0	6115.1	7556.2	8858.6	8327.5	5759.5
45°	4803.4	4858.8	4821.9	4905.0	*5136.0*	5482.4	6498.5	7897.9	8872.5	8309.0	5741.0
47.5°	5824.1	5888.8	5856.5	5810.3	*5861.1*	6027.4	6928.0	8115.0	8798.6	8299.8	5741.0
50°	6798.7	6761.7	6766.4	6752.5	*6798.7*	6886.4	7343.7	8156.6	8780.1	8387.5	5791.8
52.5°	7320.6	7339.1	7454.5	7625.4	*7727.0*	7814.8	7819.4	8221.2	8646.2	8239.7	5731.8
55°	7833.3	7870.2	8138.1	8429.1	*8655.4*	8821.7	8295.1	8179.7	7847.1	7745.5	5417.7
57.5°	8410.6	8461.4	8840.1	9440.6	*9837.8*	9925.5	8766.2	7403.7	6641.7	7038.9	4808.0
60°	9205.0	9265.1	9768.5	10669.1	*11260.3*	11080.2	8803.2	6170.5	5274.5	5842.6	3967.4
62.5°	9828.5	9948.6	10858.5	12262.6	*12913.8*	12341.1	8115.0	4729.5	3685.7	4106.0	2895.9
65°	9163.4	9394.4	10877.0	14087.0	*14839.8*	13823.7	7034.2	3228.5	2078.4	2655.7	1852.1
67.5°	7408.4	7731.7	9657.6	14973.7	*16160.7*	14604.2	5537.8	1713.5	1191.6	1542.6	974.5
68°	*6817.2*	*7168.2*	*9209.6*	*14973.7*	*16230.0*	*14535.0*	*5140.6*	*1482.6*	*1099.2*	*1385.6*	*845.2*
70°	4711.0	4960.5	7080.4	14133.1	*15823.6*	13251.0	3385.5	849.8	826.7	951.4	558.9
72.5°	2309.3	2577.2	3787.3	11200.3	*12890.7*	10184.2	1542.6	563.5	628.1	697.4	438.8
75°	919.1	974.5	1491.8	5523.9	*8055.0*	6498.5	808.3	424.9	540.4	545.0	346.4
77.5°	526.5	558.9	826.7	2032.2	*3020.6*	2905.1	521.9	304.8	429.5	392.6	226.3
80°	295.6	300.2	466.5	1071.5	*1727.4*	1547.3	355.6	221.7	327.9	277.1	152.4
82.5°	147.8	166.3	295.6	591.2	*960.7*	983.8	189.4	157.0	263.3	198.6	124.7
85°	106.2	115.5	212.5	327.9	*443.4*	665.1	115.5	78.5	198.6	133.9	87.8
87.5°	55.4	69.3	133.9	161.7	*180.1*	226.3	55.4	36.9	110.8	78.5	46.2
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: P1459114
CATALOG NUMBER: GLAN-SB3D-930-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3039.1	3039.1	3039.1	3039.1	3039.1	3039.1	3039.1	3039.1	3039.1	3039.1	3039.1
2.5°	3039.1	2932.9	2715.8	2461.8	2263.2	2059.9	1893.7	1736.6	1662.7	1653.5	1672.0
5°	3025.2	2794.3	2300.1	1815.1	1417.9	1140.8	988.4	909.9	868.3	849.8	854.5
7.5°	2997.5	2646.5	1856.7	1228.6	919.1	799.0	762.1	748.2	743.6	743.6	743.6
10°	2969.8	2447.9	1422.6	900.6	752.8	720.5	711.3	711.3	706.7	706.7	711.3
12.5°	2956.0	2263.2	1103.9	752.8	702.0	688.2	678.9	674.3	674.3	674.3	678.9
15°	2923.6	2059.9	891.4	697.4	669.7	651.2	646.6	642.0	642.0	642.0	642.0
17.5°	2895.9	1861.3	775.9	660.5	637.4	618.9	614.3	609.7	609.7	614.3	614.3
20°	2854.3	1672.0	697.4	623.5	605.0	586.6	582.0	577.3	582.0	582.0	582.0
22.5°	2803.5	1514.9	651.2	595.8	572.7	554.2	554.2	554.2	554.2	554.2	558.9
25°	2771.2	1404.1	618.9	563.5	540.4	526.5	521.9	521.9	531.1	531.1	535.8
27.5°	2822.0	1376.4	623.5	554.2	512.7	498.8	494.2	494.2	503.4	508.1	512.7
30°	2974.4	1427.2	678.9	582.0	494.2	471.1	466.5	466.5	480.3	485.0	489.6
32.5°	3149.9	1533.4	762.1	618.9	480.3	443.4	434.2	434.2	448.0	452.6	457.2
35°	3390.1	1699.7	872.9	651.2	489.6	415.7	397.2	397.2	406.4	415.7	420.3
37.5°	3699.6	1972.2	1002.3	674.3	489.6	383.3	360.3	355.6	364.9	364.9	369.5
40°	4022.9	2327.8	1136.2	674.3	466.5	351.0	327.9	314.1	318.7	314.1	318.7
42.5°	4203.0	2614.2	1251.7	632.8	438.8	318.7	295.6	277.1	272.5	263.3	267.9
45°	4304.6	2743.5	1219.3	586.6	411.1	295.6	267.9	244.8	235.6	221.7	221.7
47.5°	4304.6	2757.3	1043.8	549.6	383.3	277.1	240.2	217.1	203.2	189.4	194.0
50°	4253.8	2632.6	826.7	512.7	351.0	258.6	217.1	198.6	180.1	170.9	170.9
52.5°	4041.3	2226.2	632.8	466.5	314.1	235.6	194.0	175.5	157.0	152.4	152.4
55°	3676.5	1635.0	512.7	420.3	281.7	217.1	175.5	161.7	143.2	133.9	133.9
57.5°	2988.3	1117.7	424.9	378.7	249.4	194.0	157.0	143.2	120.1	110.8	110.8
60°	2217.0	729.8	360.3	332.5	212.5	175.5	138.6	120.1	101.6	92.4	87.8
62.5°	1496.5	494.2	300.2	263.3	180.1	152.4	120.1	101.6	78.5	60.0	60.0
65°	933.0	383.3	249.4	207.8	157.0	133.9	101.6	78.5	55.4	41.6	36.9
67.5°	535.8	309.5	203.2	161.7	133.9	106.2	78.5	64.7	46.2	32.3	27.7
68°	*494.2*	*295.6*	*189.4*	*152.4*	*124.7*	*101.6*	*73.9*	*60.0*	*41.6*	*27.7*	*27.7*
70°	401.8	263.3	161.7	124.7	106.2	83.1	64.7	50.8	32.3	18.5	18.5
72.5°	355.6	221.7	138.6	97.0	73.9	69.3	50.8	36.9	23.1	13.9	9.2
75°	291.0	175.5	110.8	73.9	50.8	50.8	36.9	23.1	9.2	0.0	0.0
77.5°	189.4	129.3	87.8	46.2	27.7	32.3	23.1	9.2	0.0	0.0	0.0
80°	124.7	97.0	60.0	23.1	13.9	13.9	4.6	0.0	0.0	0.0	0.0
82.5°	87.8	64.7	36.9	9.2	4.6	4.6	0.0	0.0	0.0	0.0	0.0
85°	55.4	27.7	13.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.1	9.2	4.6	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

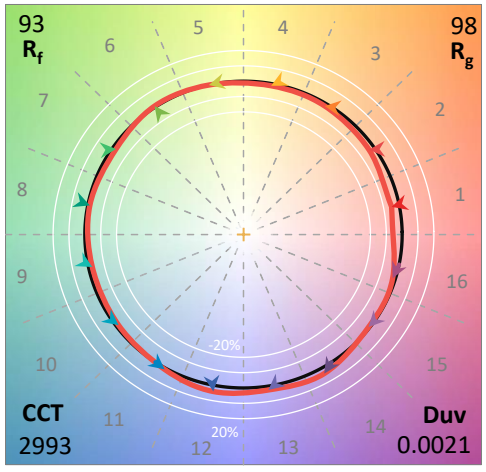
Test Information

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

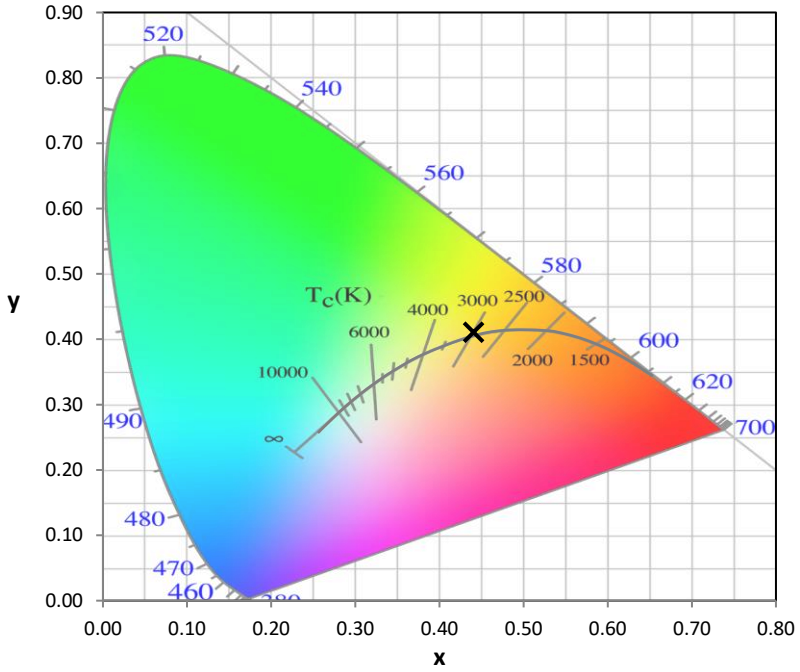
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

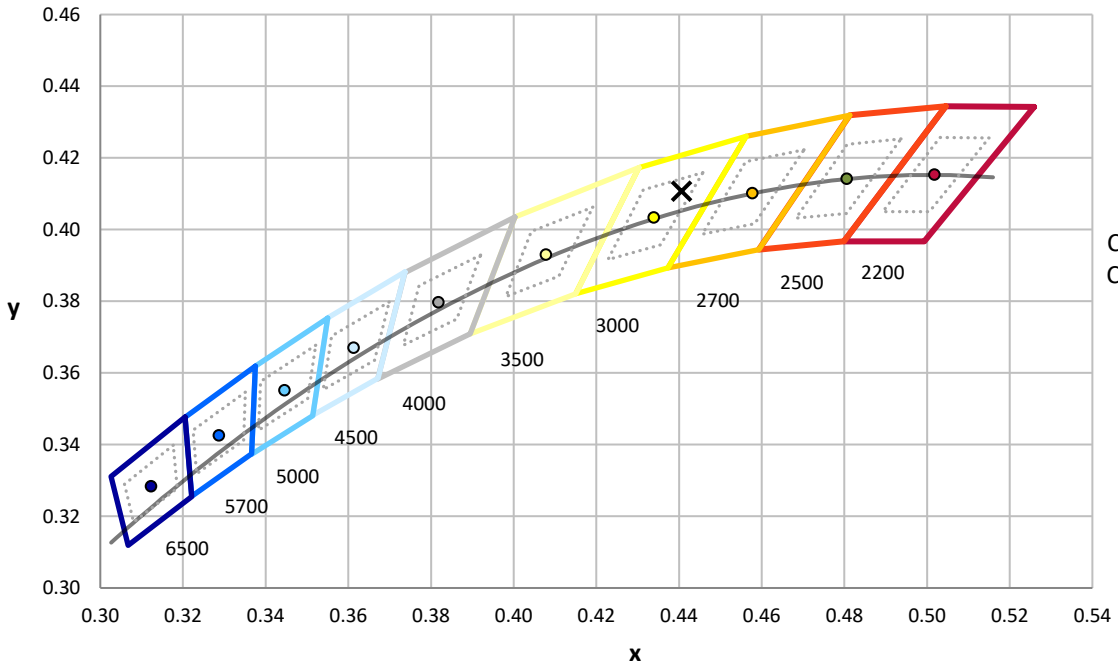
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

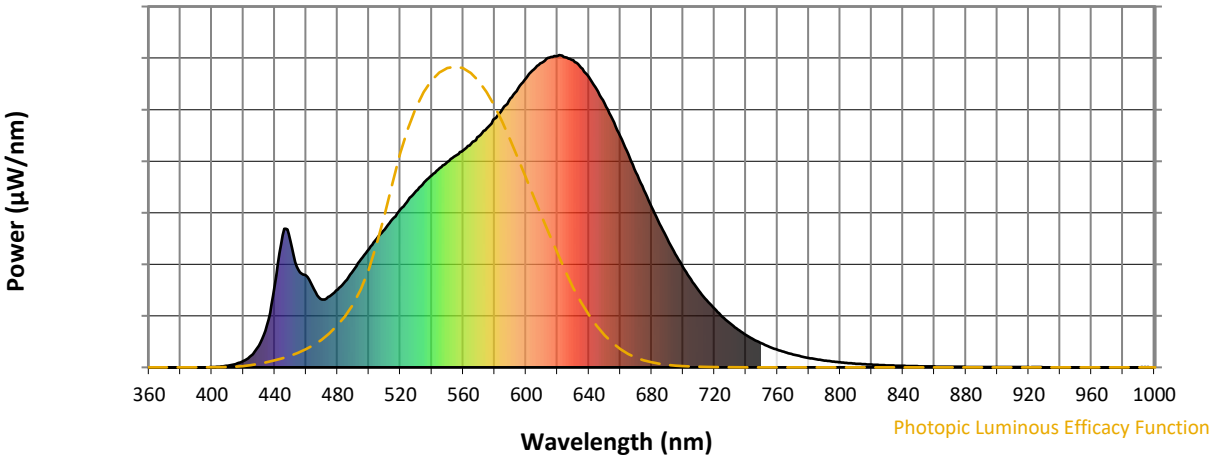


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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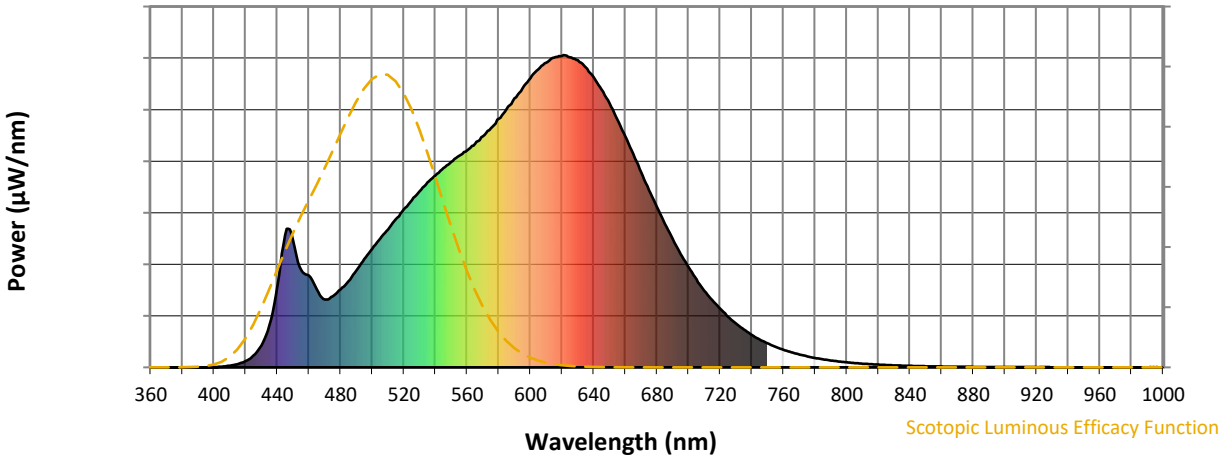
Scotopic Flux vs. Wavelength



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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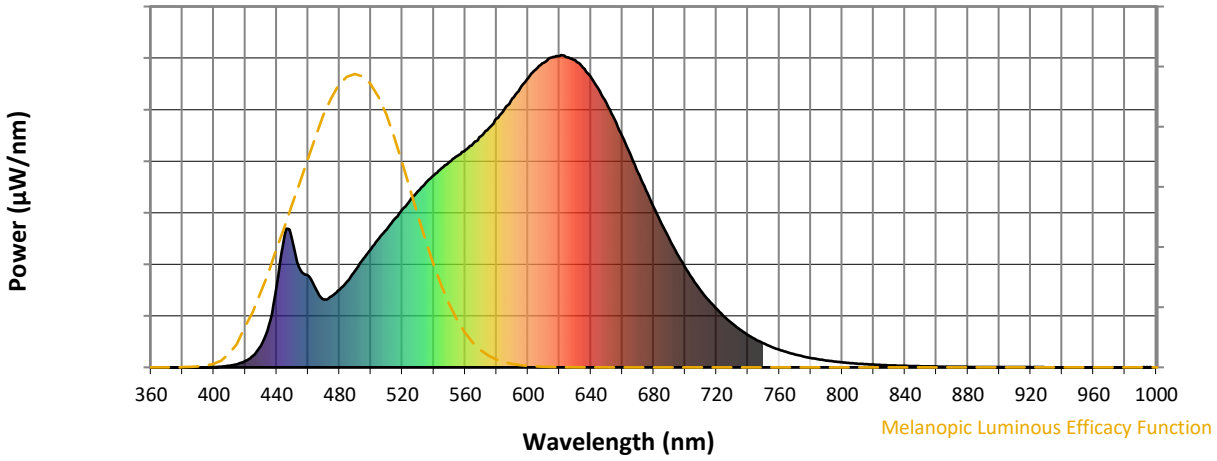
Melanopic Flux vs. Wavelength



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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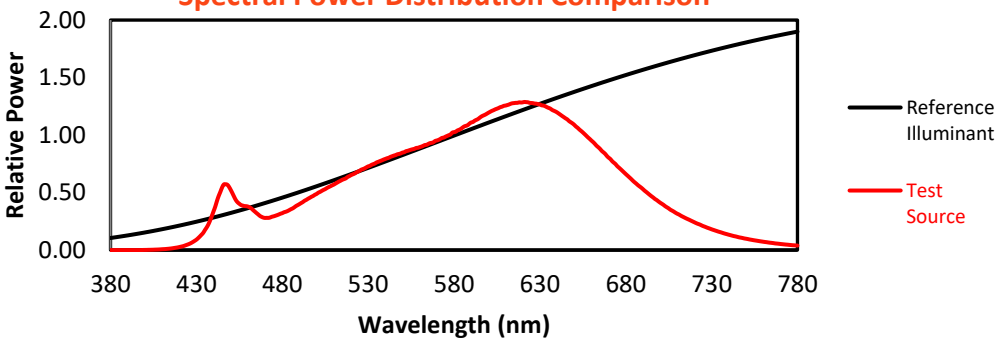
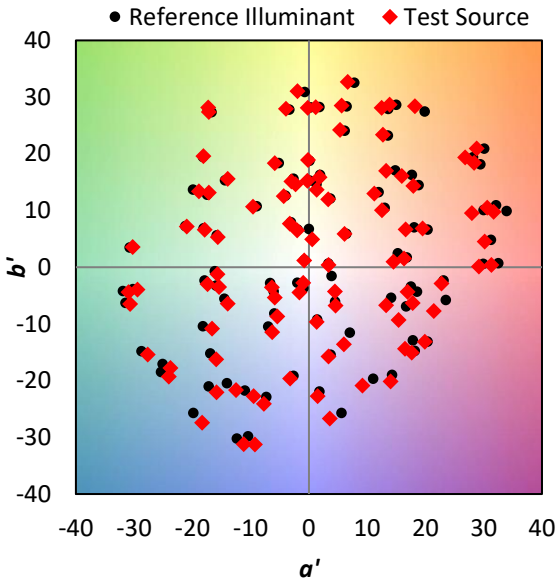
Summary

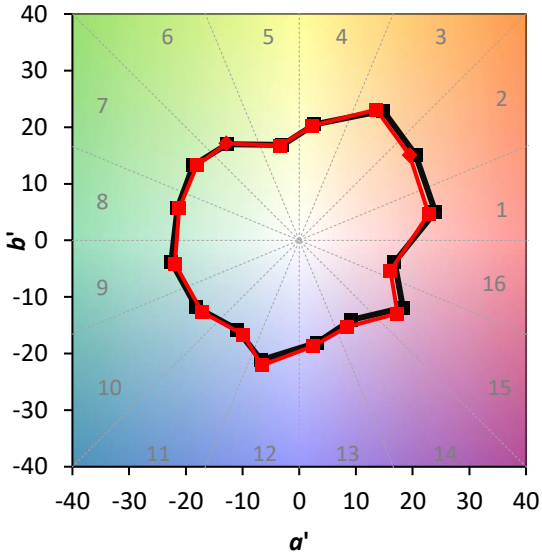
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

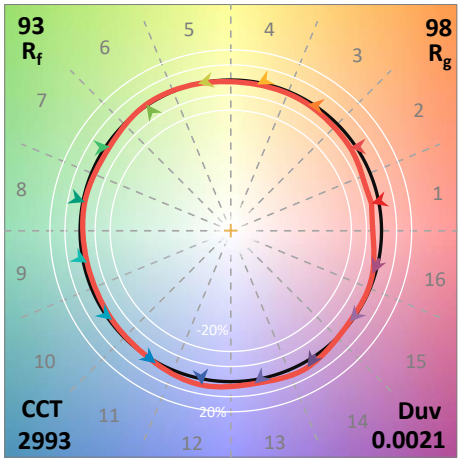
Spectral Power Distribution Comparison

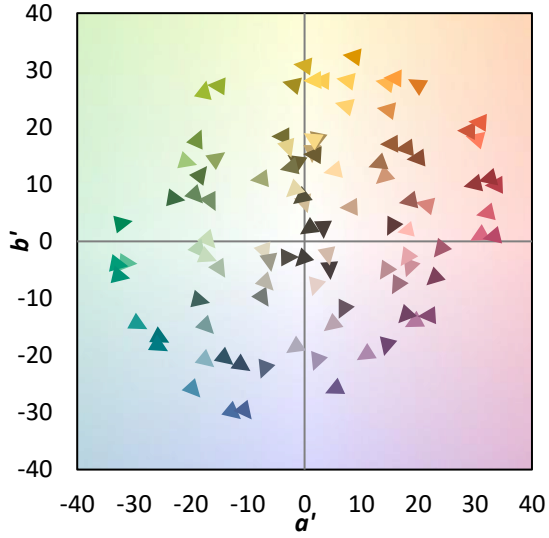


Color Vector Graphics









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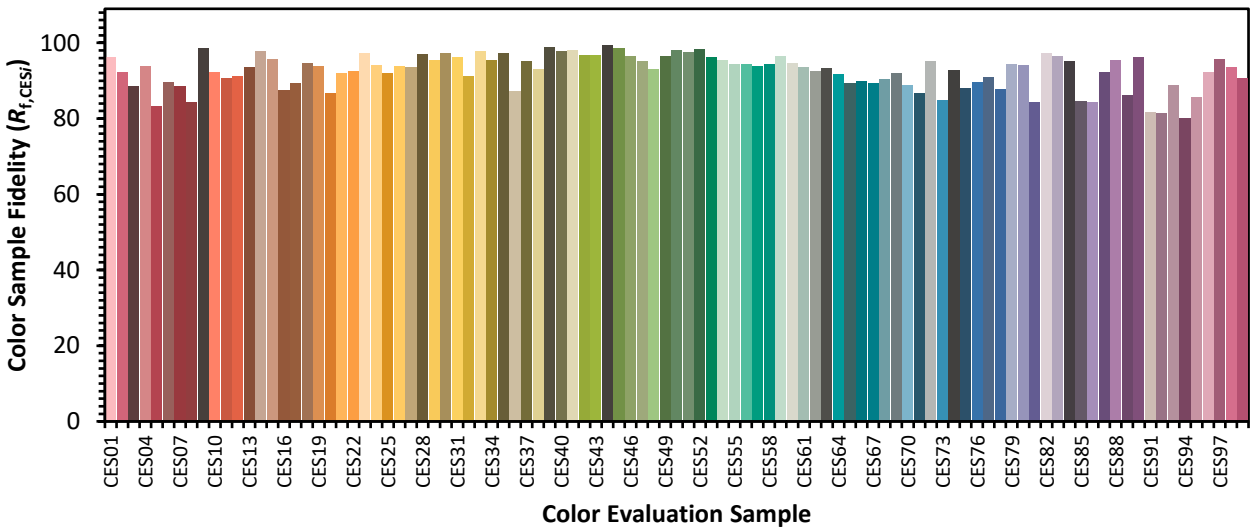
Individual Sample Fidelity Index ($R_{f,i}$)

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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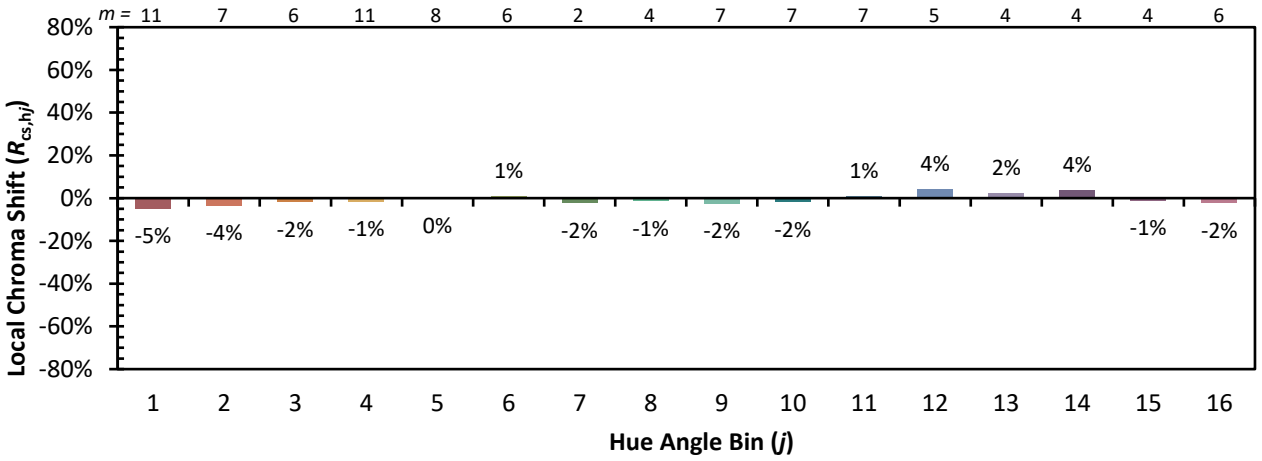
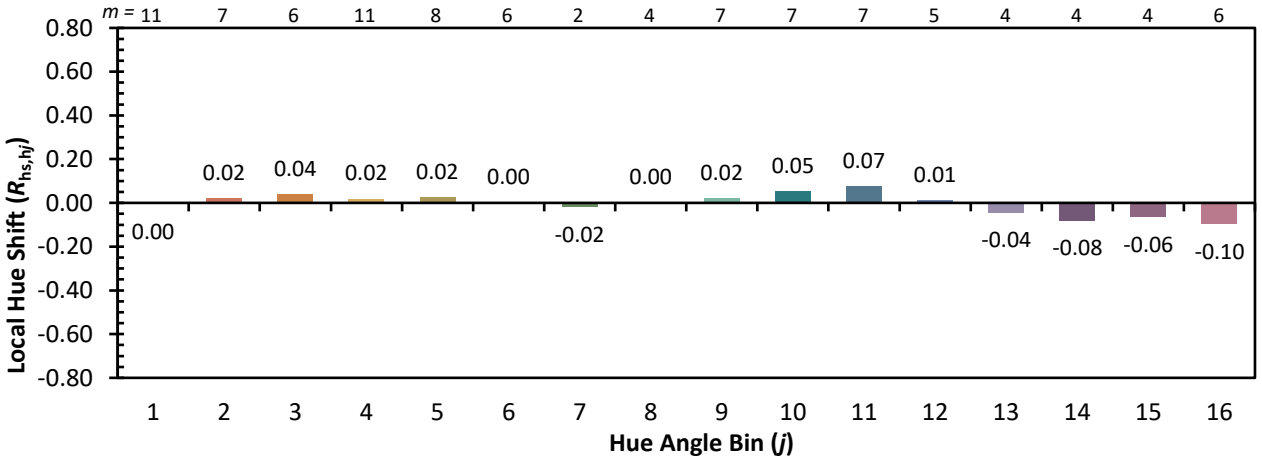
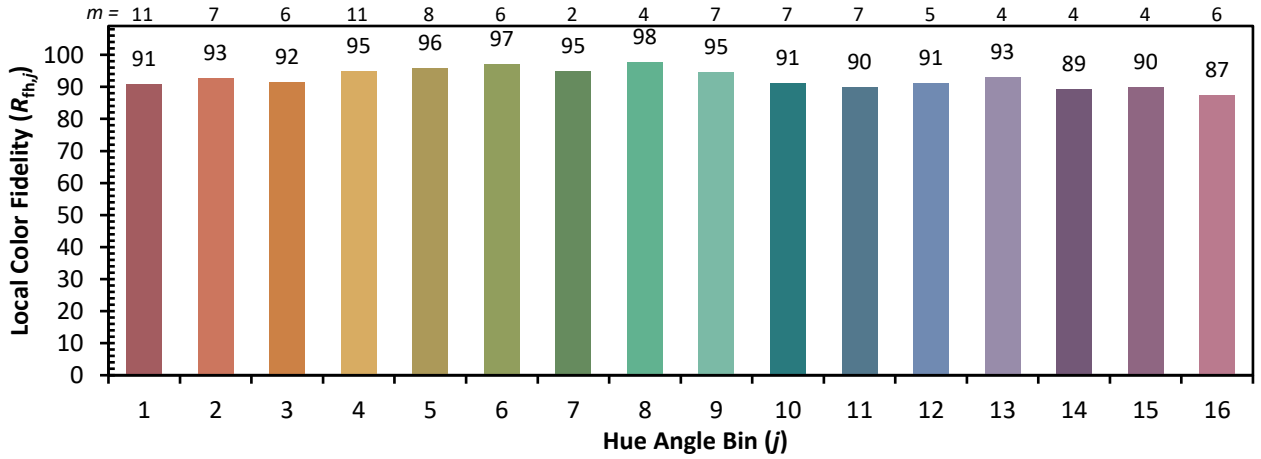
Color Rendition by Hue-Angle Bin







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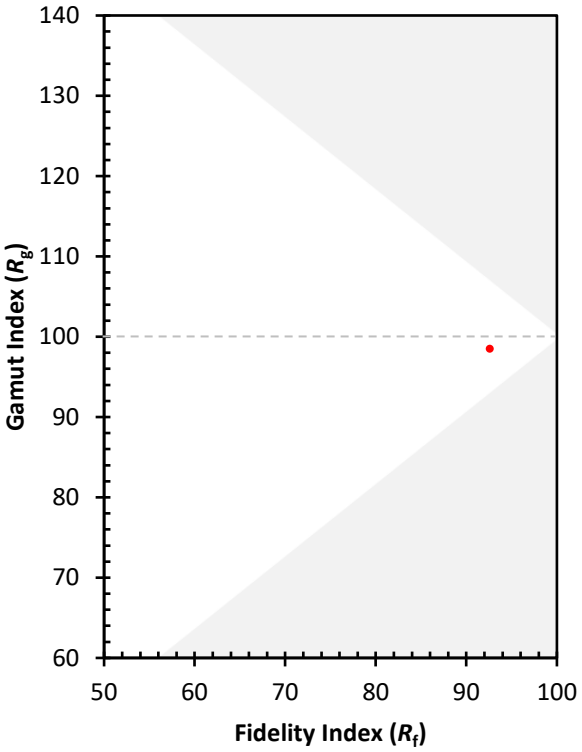
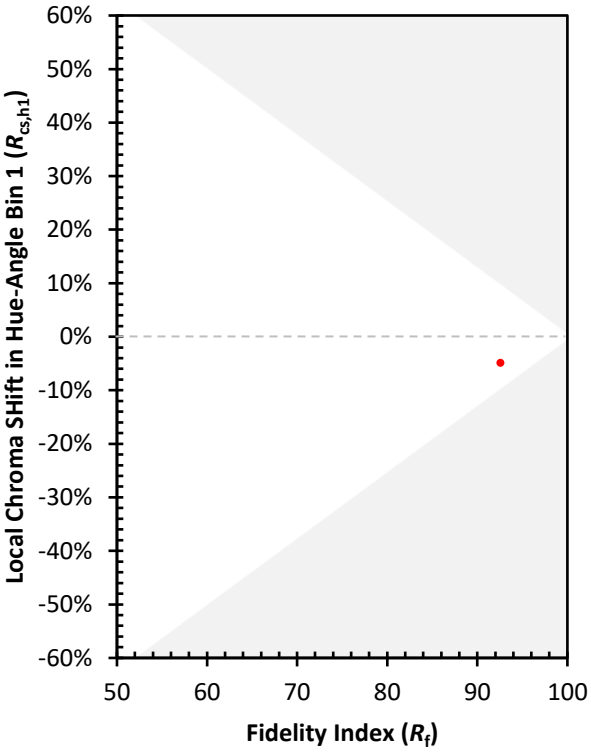
Measure Comparisons





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