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: P1457976

Luminaire Tested: GLAN-SB7B-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:	P1457976
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7B-930-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 7xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20193.3 lumens
Efficiency:	N/A
Efficacy:	78.7 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):	256.7
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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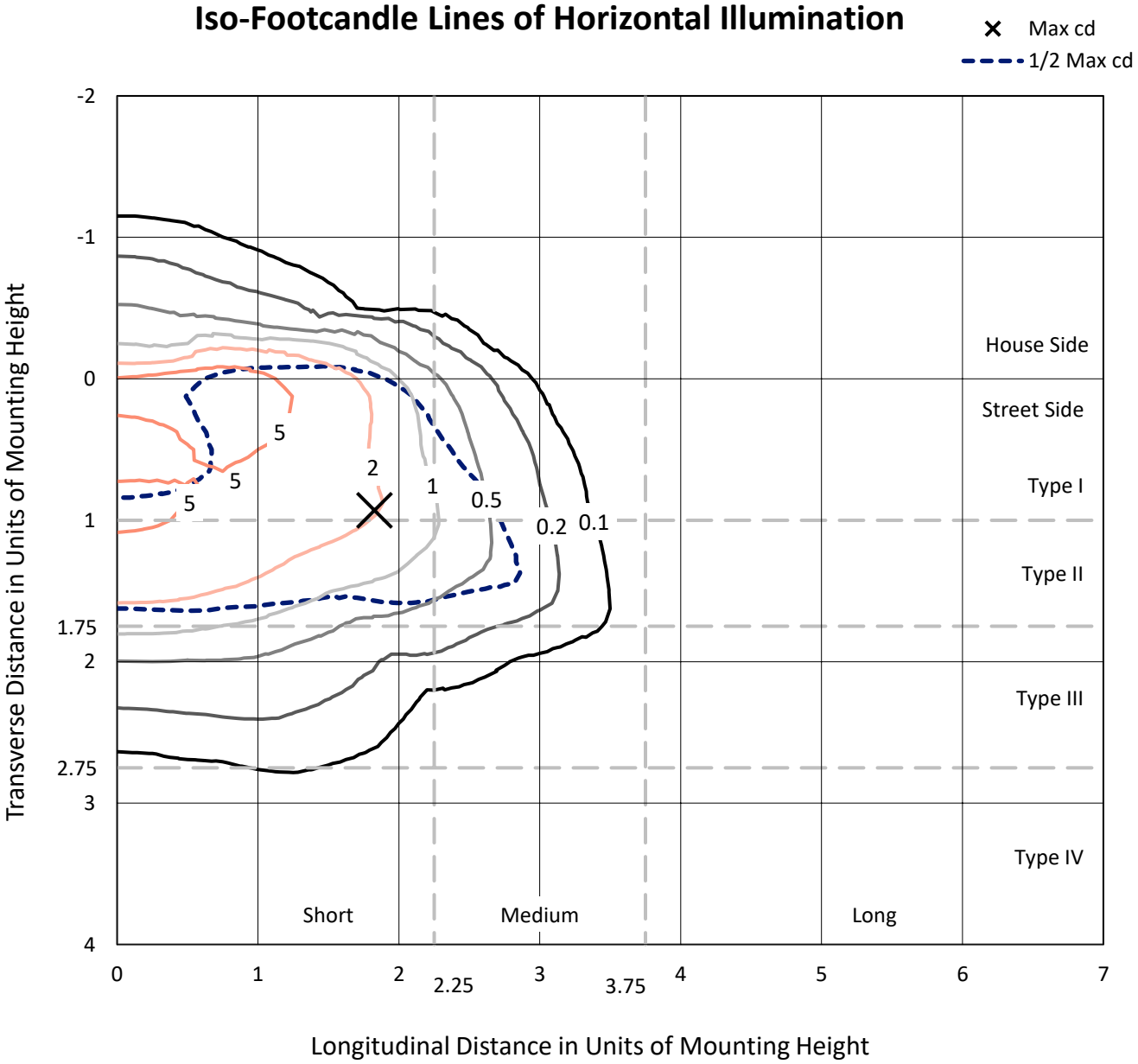
REPORT NUMBER: P1457976
CATALOG NUMBER: GLAN-SB7B-930-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.3 fc
Type II - Short - N/A

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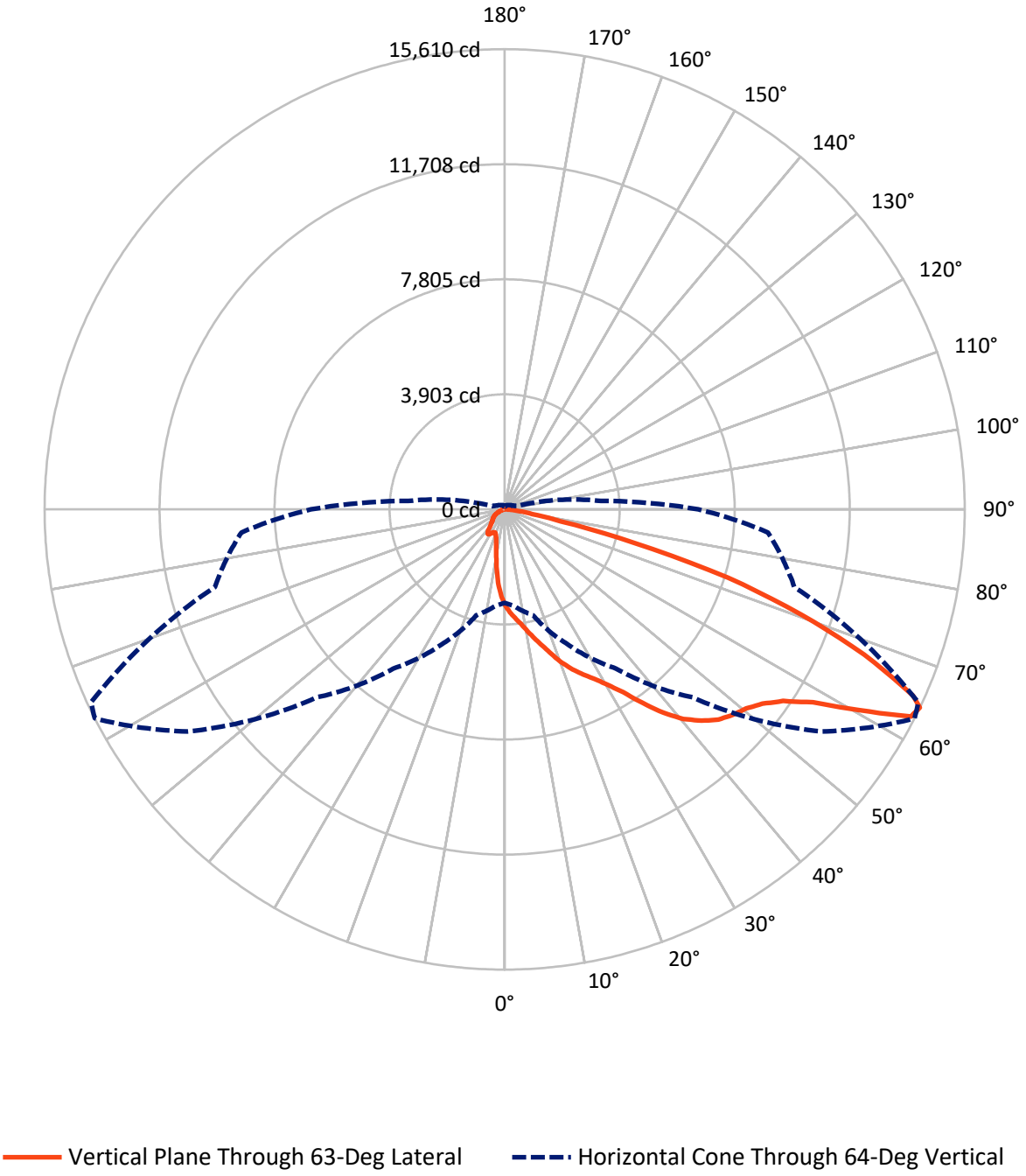
Luminous Intensity Polar Plot



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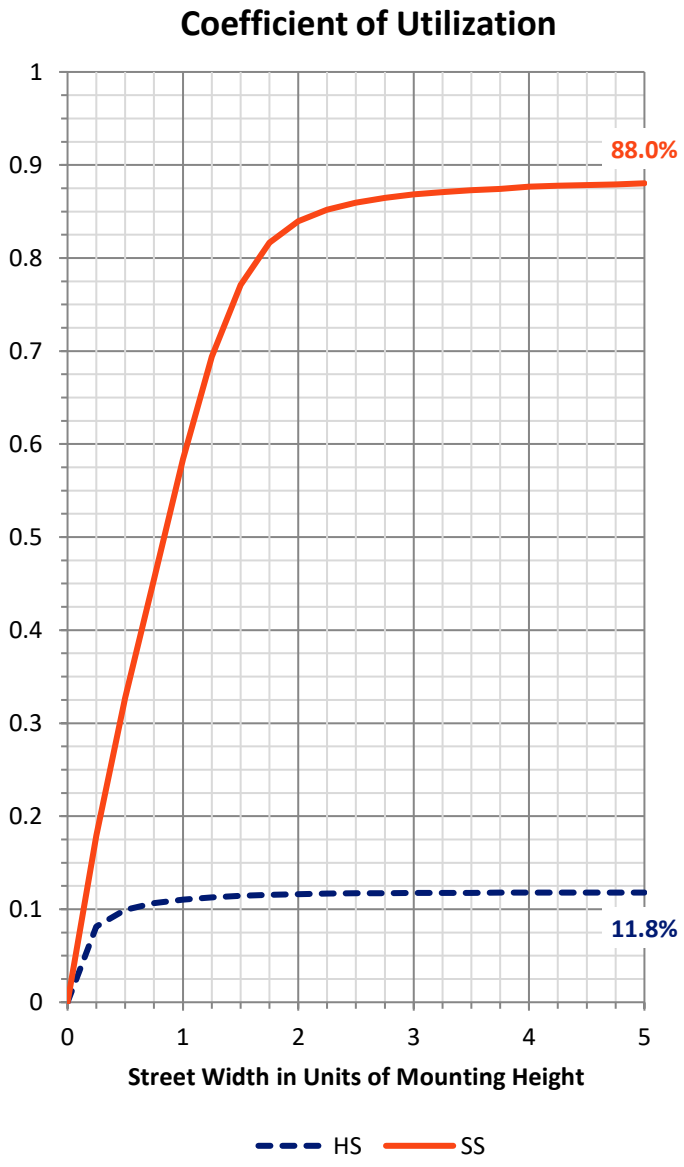
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2396.3	0.0	2396.3
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	17797.0	0.0	17797.0
	% Fixture	88.1	0.0	88.1
Total	Lumens	20193.3	0.0	20193.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	274.9	1.4
10°-20°	772.6	3.8
20°-30°	1376.1	6.8
30°-40°	2628.3	13.0
40°-50°	4356.6	21.6
50°-60°	5430.5	26.9
60°-70°	4049.3	20.1
70°-80°	1161.3	5.8
80°-90°	143.6	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°	20193.3	100.0
0°-180°	20193.3	100.0



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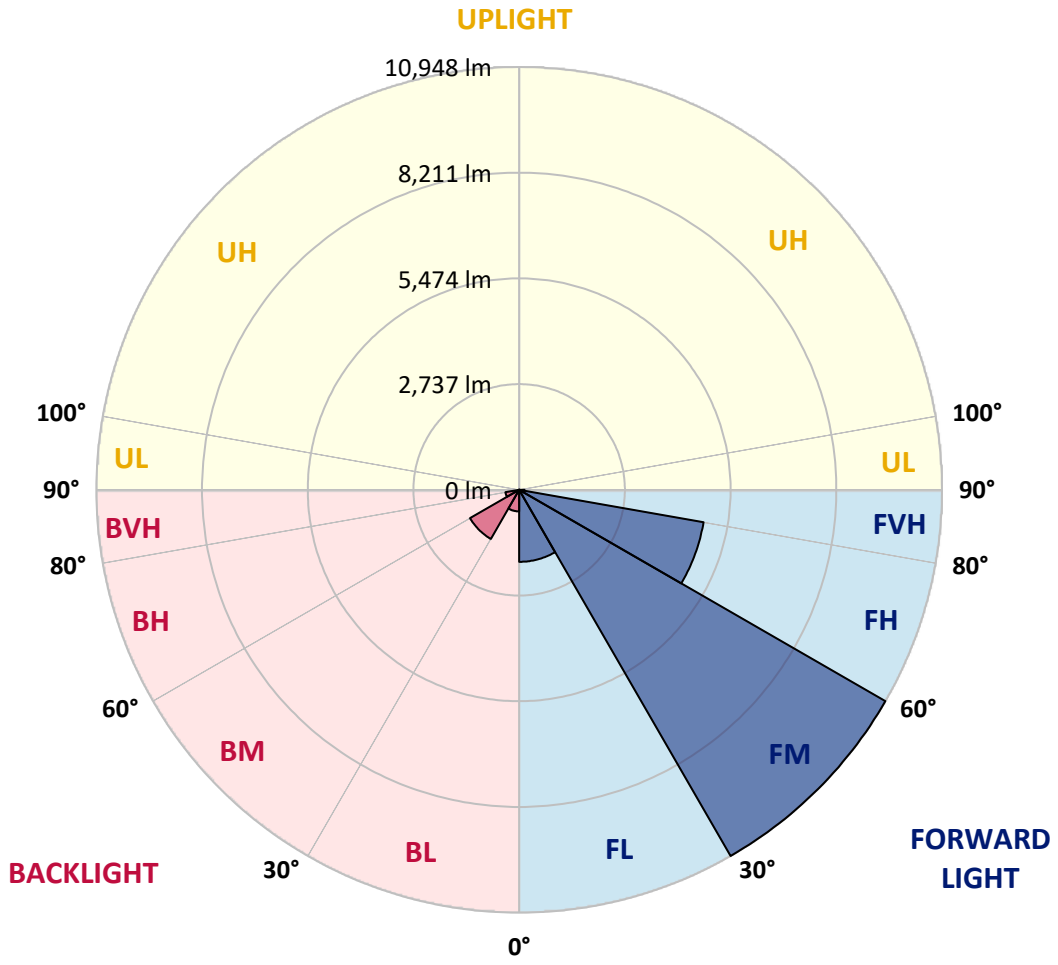
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1864.6	9.2			
FM	(30°-60°)	10947.6	54.2			
FH	(60°-80°)	4848.2	24.0			G2/5000
FVH	(80°-90°)	136.5	0.7			G2/225
BL	(0°-30°)	559.1	2.8	B2/1000		
BM	(30°-60°)	1467.8	7.3	B2/2500		
BH	(60°-80°)	362.4	1.8	B1/500		G1/500
BVH	(80°-90°)	7.1	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-G2
Type II Short



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REPORT NUMBER: P1457976
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	3265.0	3265.0	3265.0	3265.0	3265.0	3265.0	3265.0	*3265.0*	3265.0	3265.0	3265.0
2.5°	3658.8	3646.6	3634.5	3616.3	3592.1	3567.9	3537.6	*3495.2*	3477.0	3416.5	3343.8
5°	3846.5	3846.5	3840.5	3828.4	3816.2	3792.0	3755.7	*3701.2*	3676.9	3592.1	3464.9
7.5°	3895.0	3901.1	3919.2	3943.5	3979.8	3973.7	3973.7	*3913.2*	3901.1	3810.2	3640.6
10°	3810.2	3816.2	3864.7	3931.3	4040.4	4143.4	4216.0	*4179.7*	4161.5	4070.7	3858.7
12.5°	3689.0	3689.0	3767.8	3870.8	4040.4	4234.2	4446.2	*4482.6*	4488.6	4385.7	4131.2
15°	3374.0	3386.2	3513.4	3719.3	3998.0	4300.9	4658.2	*4797.6*	4833.9	4767.3	4464.4
17.5°	2956.1	2968.2	3095.4	3374.0	3792.0	4300.9	4840.0	*5161.0*	5209.5	5221.6	4888.4
20°	2780.4	2780.4	2853.1	3065.1	3501.3	4185.8	4949.0	*5548.7*	5657.7	5791.0	5354.9
22.5°	2804.6	2804.6	2847.0	2968.2	3319.5	4028.3	5015.6	*5894.0*	6118.1	6457.3	5954.6
25°	2937.9	2937.9	2974.3	3053.0	3337.7	4004.0	5142.8	*6202.9*	6560.3	7202.4	6639.1
27.5°	3149.9	3143.9	3174.1	3252.9	3513.4	4119.1	5354.9	*6511.9*	6911.7	8038.4	7426.5
30°	3458.9	3440.7	3452.8	3543.7	3798.1	4385.7	5663.8	*6905.6*	7311.4	8953.0	8298.8
32.5°	4173.6	4167.6	3991.9	3943.5	4216.0	4815.7	6087.8	*7396.3*	7850.6	9922.2	9195.3
35°	5463.9	5548.7	5300.3	4664.3	4718.8	5391.2	6693.6	*8062.6*	8480.6	10952.0	10170.6
37.5°	6772.3	6772.3	6669.3	5918.2	5536.6	6027.2	7347.8	*8747.1*	9183.2	11781.9	11109.5
40°	7808.2	7862.7	7741.5	7178.2	6681.5	6754.2	8002.0	*9346.8*	9746.6	12290.7	11775.9
42.5°	8577.5	8565.4	8516.9	8147.4	7868.7	7705.2	8595.6	*9795.0*	10176.7	12551.2	12193.8
45°	9407.4	9407.4	9340.7	9037.8	8807.7	8668.3	9037.8	*10170.6*	10570.4	12708.7	12454.3
47.5°	10273.6	10261.5	10194.8	9861.7	9613.3	9407.4	9486.1	*10412.9*	10812.7	12605.7	12496.7
50°	10485.6	10473.5	10624.9	10637.0	10412.9	10019.2	9843.5	*10618.9*	10970.2	12611.8	12630.0
52.5°	10237.2	10309.9	10534.1	10806.6	11061.1	10649.2	10225.1	*10946.0*	11309.4	12781.4	12963.1
55°	9619.4	9649.7	10079.7	10515.9	11109.5	11254.9	10836.9	*11466.9*	11788.0	12945.0	13259.9
57.5°	8468.4	8583.5	9043.9	9801.1	10703.7	11309.4	11903.1	*12339.2*	12581.5	13011.6	13096.4
60°	6390.7	6451.3	7450.8	8432.1	9861.7	10873.3	12896.5	*13817.2*	13787.0	12260.5	11951.5
62.5°	3888.9	3943.5	4658.2	6215.0	8014.1	9964.6	13229.7	*15471.0*	15307.4	10994.4	10061.6
64°	*3168.1*	*3271.1*	*3713.3*	*5045.9*	*6590.6*	*9013.6*	*13132.7*	*15610.3*	*15483.1*	*10176.7*	*8965.2*
65°	2707.7	2847.0	3301.4	4379.6	5603.2	7989.9	12866.2	*15222.6*	15137.8	9679.9	8056.5
67.5°	1702.2	1768.8	2441.2	3404.3	3858.7	5112.6	11061.1	*13163.0*	13314.5	8625.9	5942.4
70°	1266.0	1296.3	1677.9	2635.0	3010.6	2974.3	7596.2	*10661.3*	10697.6	6899.5	3586.1
72.5°	920.7	926.8	1175.2	1950.5	2356.4	2029.3	4004.0	*7923.3*	7662.8	4040.4	1956.6
75°	611.8	636.0	823.8	1375.1	1835.4	1490.2	1823.3	*4512.9*	4434.1	1974.8	1120.6
77.5°	448.3	454.3	557.3	920.7	1441.7	1096.4	1102.5	*1944.5*	2005.0	1175.2	708.7
80°	254.4	266.5	363.5	563.4	938.9	751.1	617.9	*938.9*	1078.2	799.6	472.5
82.5°	151.4	163.6	260.5	369.5	642.1	308.9	315.0	*514.9*	642.1	575.5	254.4
85°	90.9	96.9	163.6	199.9	381.6	206.0	115.1	*254.4*	333.2	339.2	139.3
87.5°	60.6	60.6	90.9	84.8	109.0	96.9	48.5	*66.6*	84.8	115.1	54.5
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: P1457976
CATALOG NUMBER: GLAN-SB7B-930-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3265.0	3265.0	3265.0	3265.0	3265.0	3265.0	3265.0	3265.0	3265.0	3265.0	3265.0
2.5°	3283.2	3246.8	3137.8	2992.4	2859.2	2756.2	2629.0	2544.2	2465.4	2465.4	2398.8
5°	3361.9	3265.0	2998.5	2665.3	2307.9	1968.7	1750.6	1508.3	1429.6	1362.9	1375.1
7.5°	3495.2	3319.5	2847.0	2247.3	1677.9	1314.5	1072.2	963.1	914.7	884.4	890.5
10°	3658.8	3416.5	2665.3	1823.3	1235.7	963.1	848.1	805.7	787.5	781.4	781.4
12.5°	3882.9	3531.5	2483.6	1465.9	975.3	829.9	769.3	745.1	726.9	714.8	714.8
15°	4149.4	3676.9	2271.6	1205.4	854.1	763.2	714.8	690.6	666.3	660.3	660.3
17.5°	4488.6	3828.4	2083.8	1035.8	793.5	714.8	666.3	636.0	617.9	611.8	611.8
20°	4864.2	4016.1	1896.0	938.9	751.1	666.3	617.9	593.6	575.5	563.4	569.4
22.5°	5342.7	4252.4	1774.9	890.5	714.8	623.9	575.5	551.2	533.1	520.9	527.0
25°	5869.8	4549.2	1708.2	890.5	690.6	593.6	539.1	514.9	496.7	484.6	484.6
27.5°	6511.9	4882.4	1714.3	926.8	684.5	569.4	508.8	484.6	466.4	448.3	448.3
30°	7220.6	5276.1	1780.9	993.4	696.6	545.2	484.6	448.3	436.1	418.0	418.0
32.5°	7971.7	5730.4	1950.5	1078.2	684.5	514.9	448.3	418.0	399.8	387.7	387.7
35°	8765.3	6245.3	2162.5	1114.6	623.9	472.5	418.0	387.7	375.6	369.5	363.5
37.5°	9522.4	6693.6	2277.6	1041.9	545.2	436.1	381.6	351.3	345.3	333.2	333.2
40°	10110.0	7063.1	2211.0	890.5	502.8	399.8	351.3	321.0	308.9	296.8	296.8
42.5°	10455.3	7196.4	1968.7	757.2	472.5	363.5	321.0	290.8	278.6	272.6	272.6
45°	10655.2	7178.2	1684.0	678.4	442.2	333.2	290.8	272.6	254.4	248.4	242.3
47.5°	10649.2	6990.4	1478.0	611.8	411.9	308.9	272.6	254.4	236.2	230.2	230.2
50°	10606.7	6711.8	1247.9	563.4	387.7	290.8	254.4	242.3	224.1	218.1	212.0
52.5°	10709.7	6554.3	1041.9	533.1	357.4	278.6	248.4	230.2	206.0	199.9	199.9
55°	10836.9	6463.4	835.9	502.8	333.2	272.6	236.2	218.1	193.8	187.8	187.8
57.5°	10467.4	6118.1	690.6	454.3	302.9	260.5	224.1	212.0	187.8	169.6	169.6
60°	9304.4	5058.0	569.4	399.8	278.6	242.3	212.0	193.8	169.6	145.4	145.4
62.5°	7565.9	3858.7	472.5	339.2	260.5	224.1	193.8	175.7	145.4	115.1	115.1
64°	*6572.4*	*3277.1*	*424.0*	*296.8*	*248.4*	*206.0*	*175.7*	*157.5*	*127.2*	*96.9*	*90.9*
65°	5894.0	2895.5	393.7	278.6	242.3	193.8	169.6	151.4	115.1	90.9	84.8
67.5°	4149.4	1944.5	315.0	230.2	212.0	163.6	145.4	127.2	103.0	78.7	72.7
70°	2417.0	1102.5	248.4	193.8	163.6	127.2	121.2	115.1	90.9	60.6	60.6
72.5°	1314.5	551.2	187.8	157.5	127.2	90.9	103.0	90.9	72.7	48.5	42.4
75°	805.7	339.2	139.3	115.1	84.8	66.6	78.7	66.6	42.4	30.3	24.2
77.5°	539.1	218.1	103.0	78.7	54.5	42.4	54.5	36.3	18.2	6.1	6.1
80°	333.2	151.4	66.6	48.5	30.3	18.2	12.1	6.1	6.1	0.0	0.0
82.5°	145.4	96.9	36.3	24.2	12.1	6.1	6.1	0.0	0.0	0.0	0.0
85°	78.7	30.3	12.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.2	12.1	6.1	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

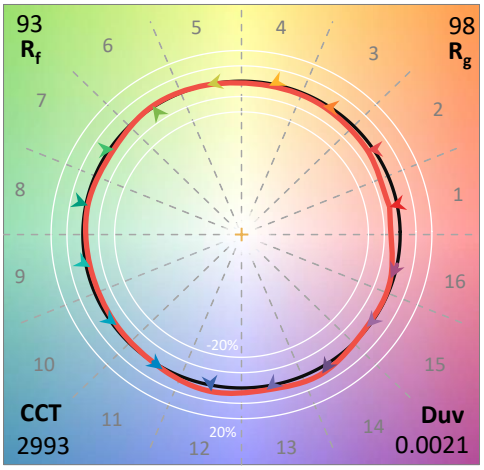
Test Information

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

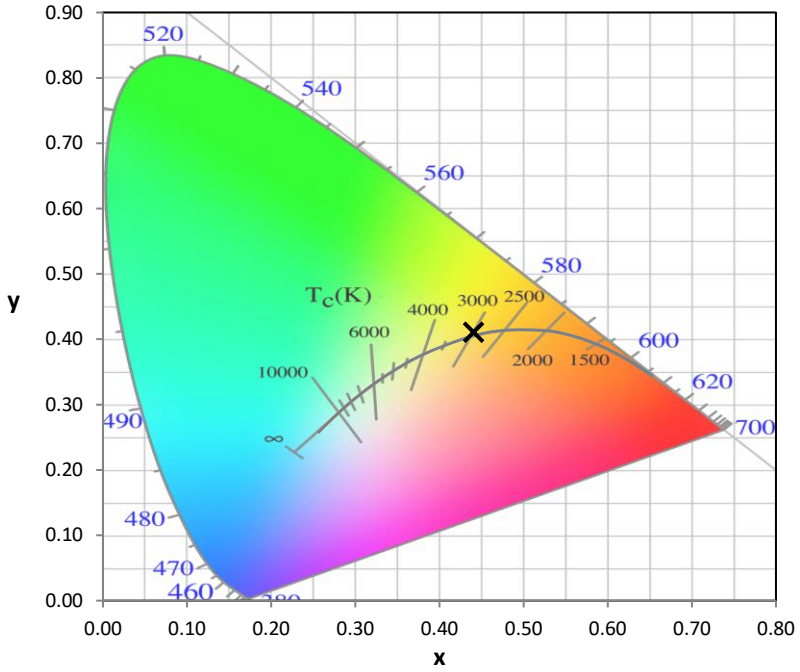
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

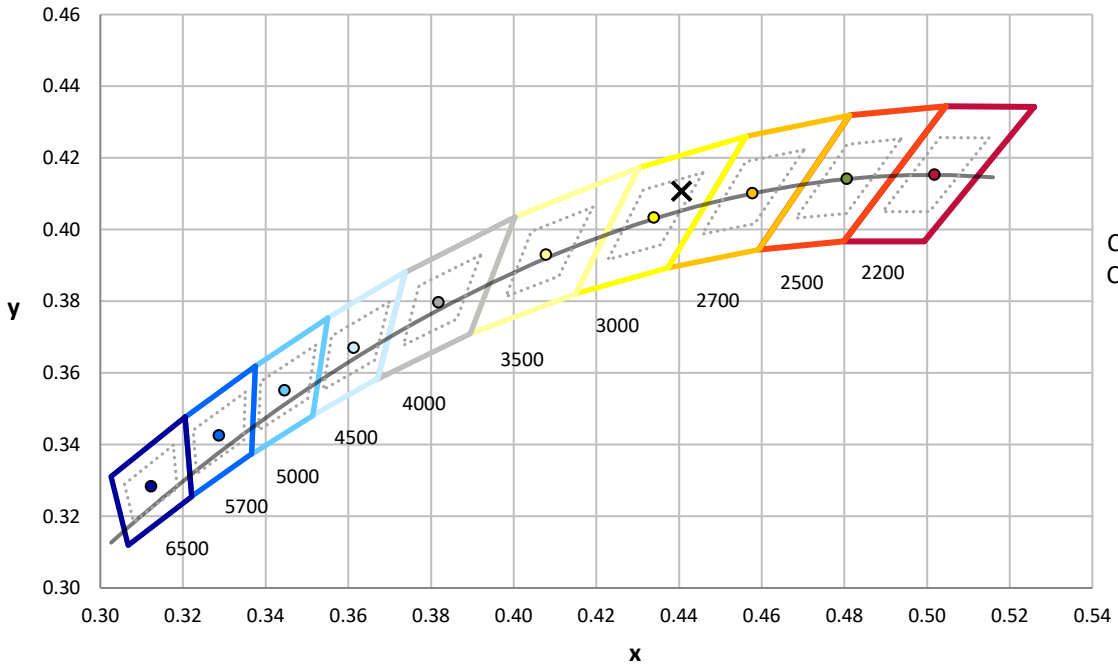
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

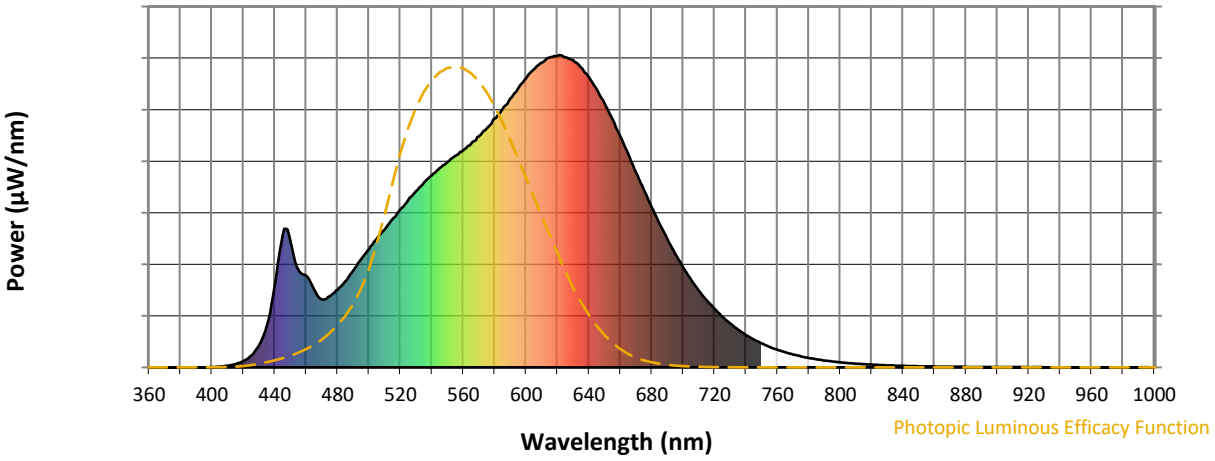


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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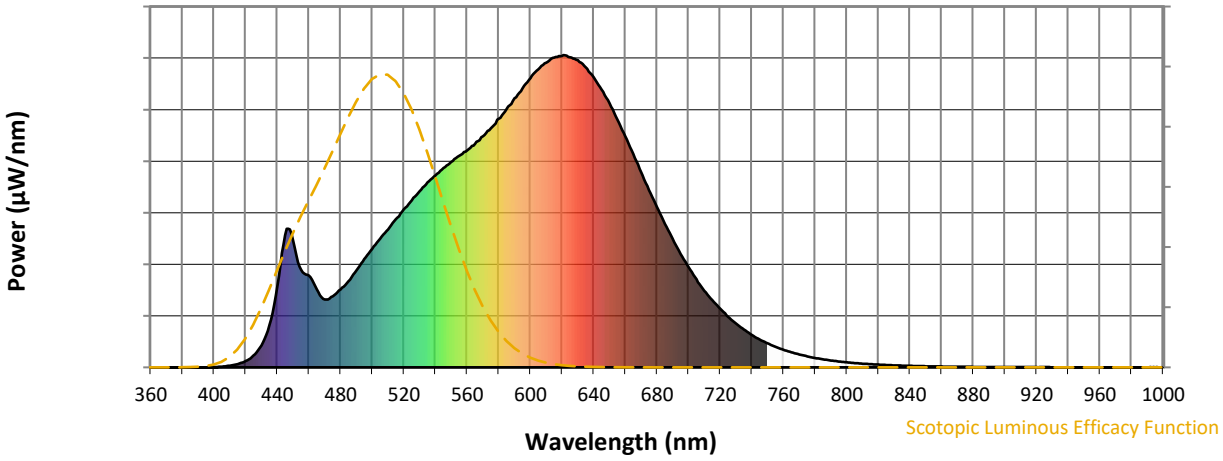
Scotopic Flux vs. Wavelength



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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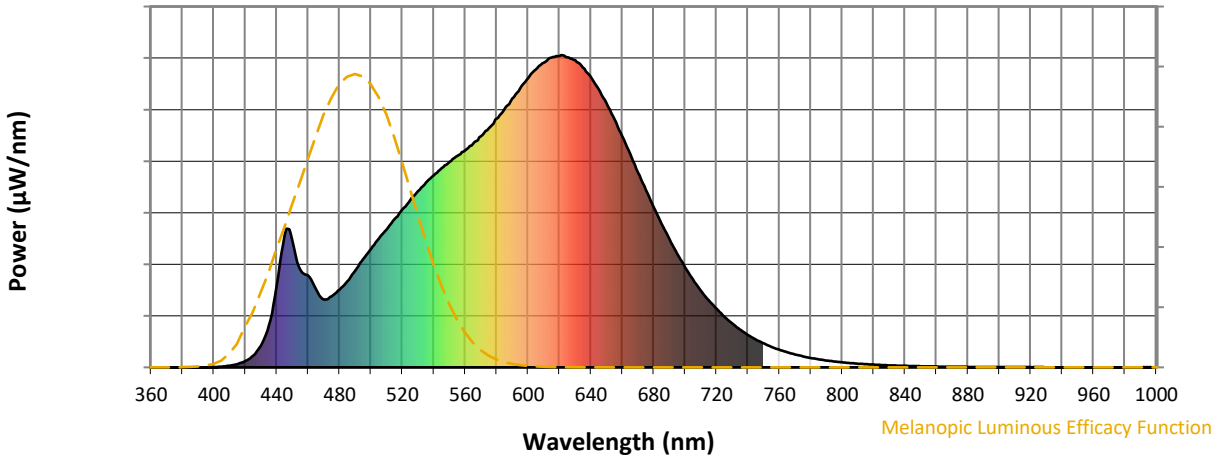
Melanopic Flux vs. Wavelength



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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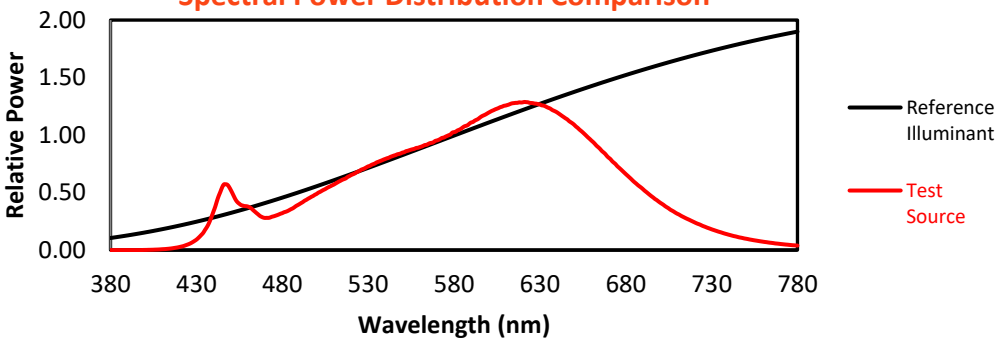
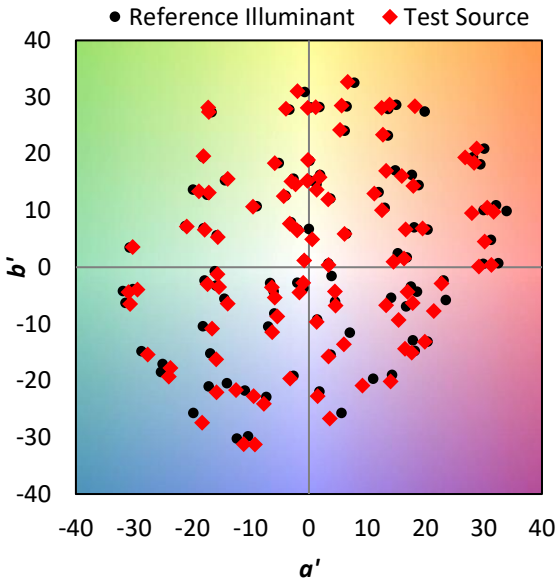
Summary

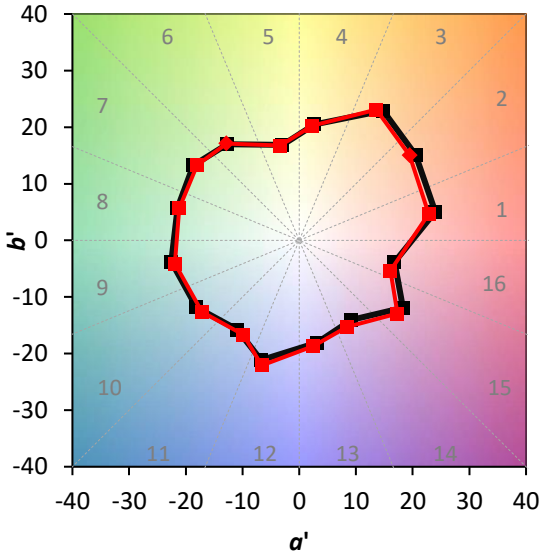
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

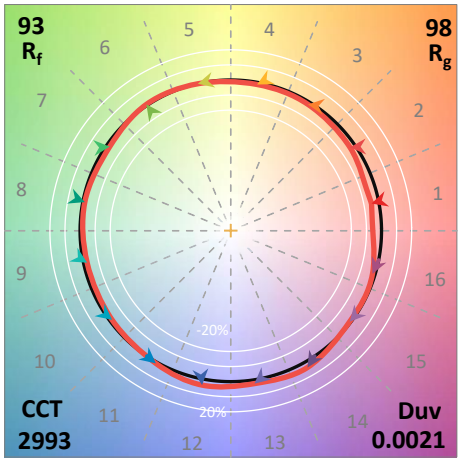
Spectral Power Distribution Comparison

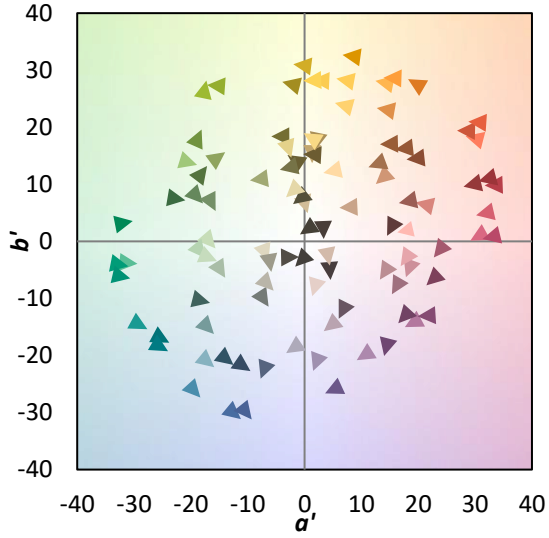


Color Vector Graphics









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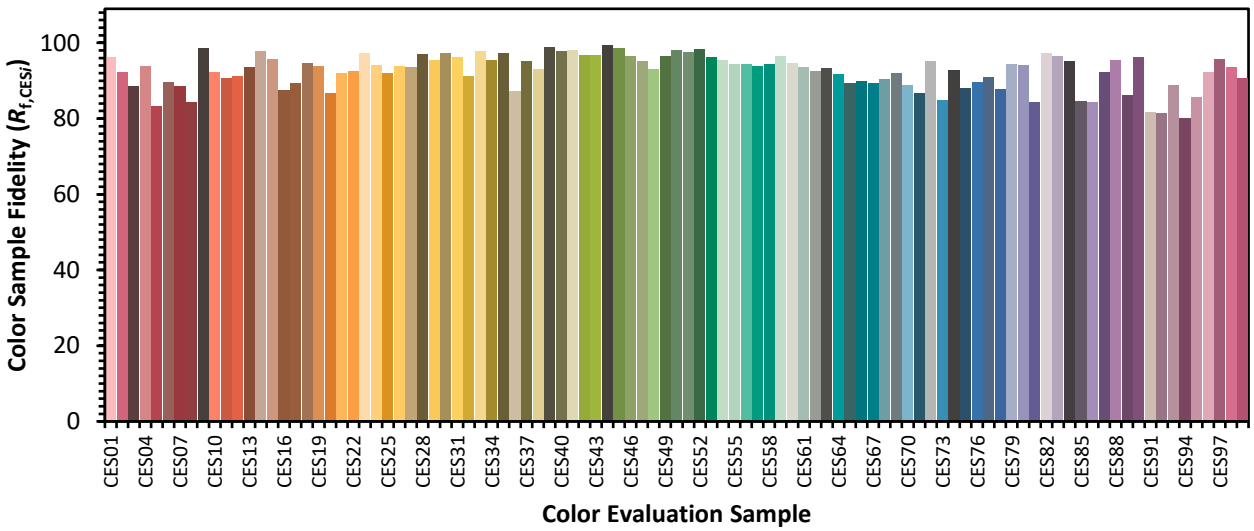
Individual Sample Fidelity Index ($R_{f,i}$)

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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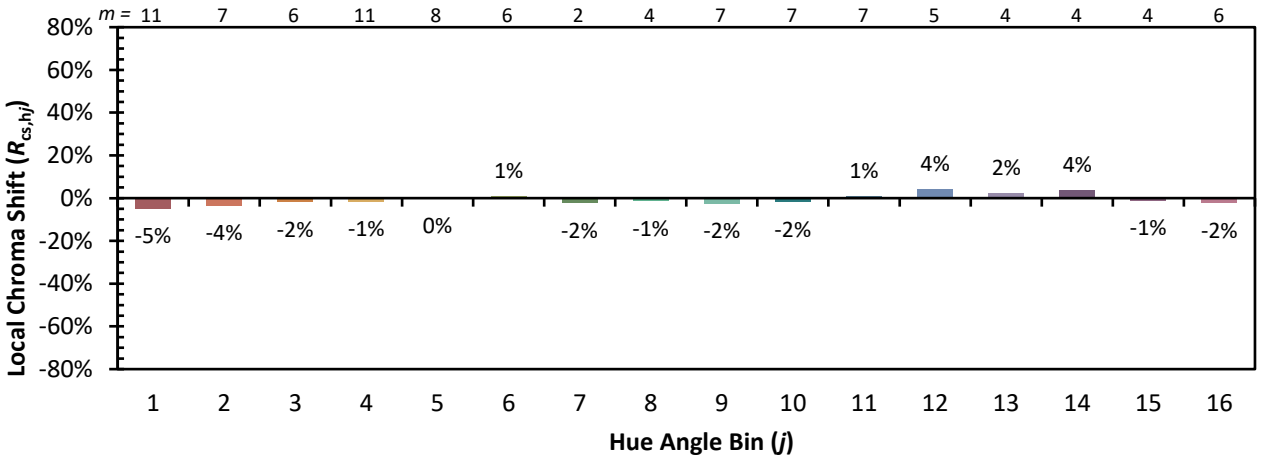
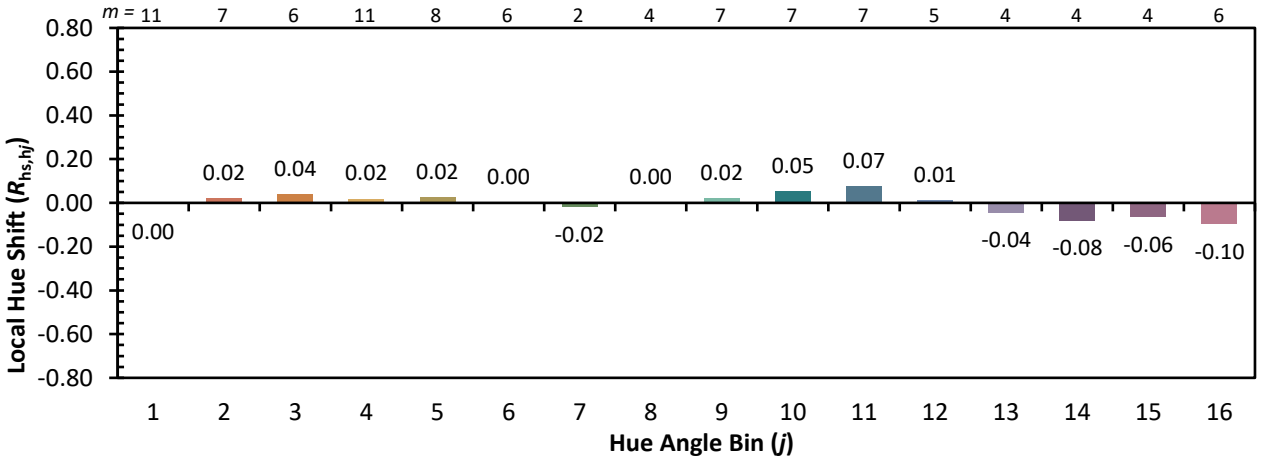
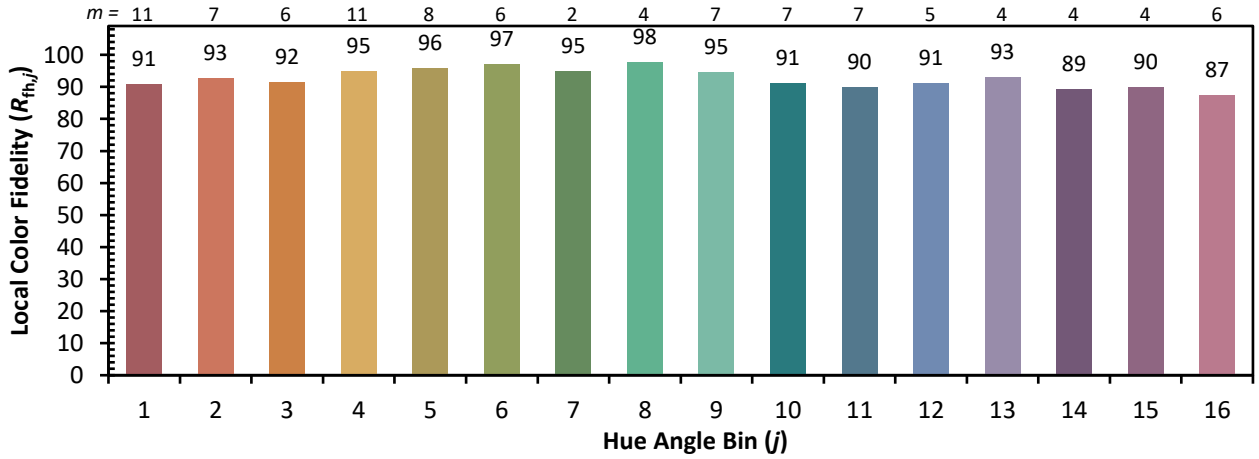
Color Rendition by Hue-Angle Bin







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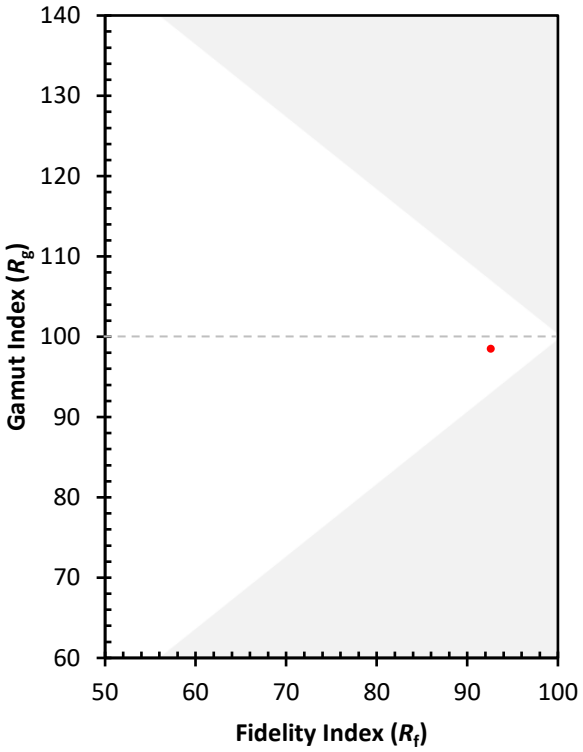
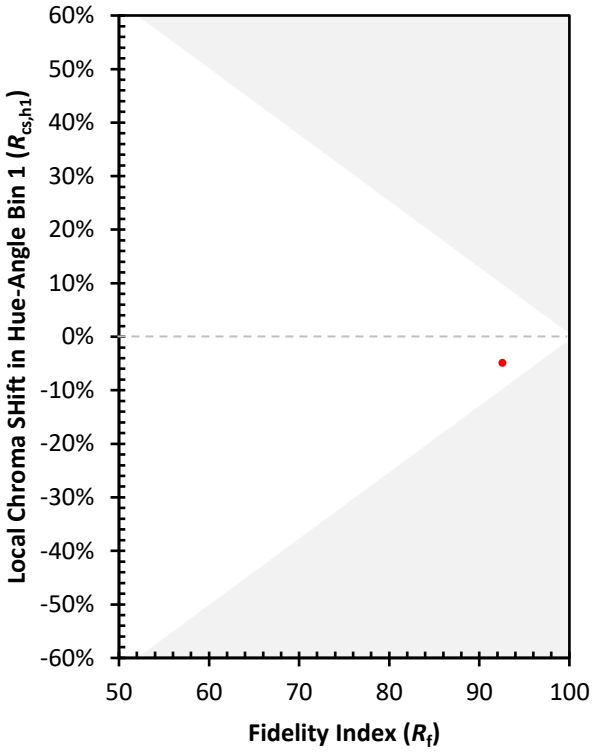
Measure Comparisons





(END OF REPORT)