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: P1457966

Luminaire Tested: GLAN-SB4D-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:	P1457966
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-930-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II 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:	20565.1 lumens
Efficiency:	N/A
Efficacy:	70.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

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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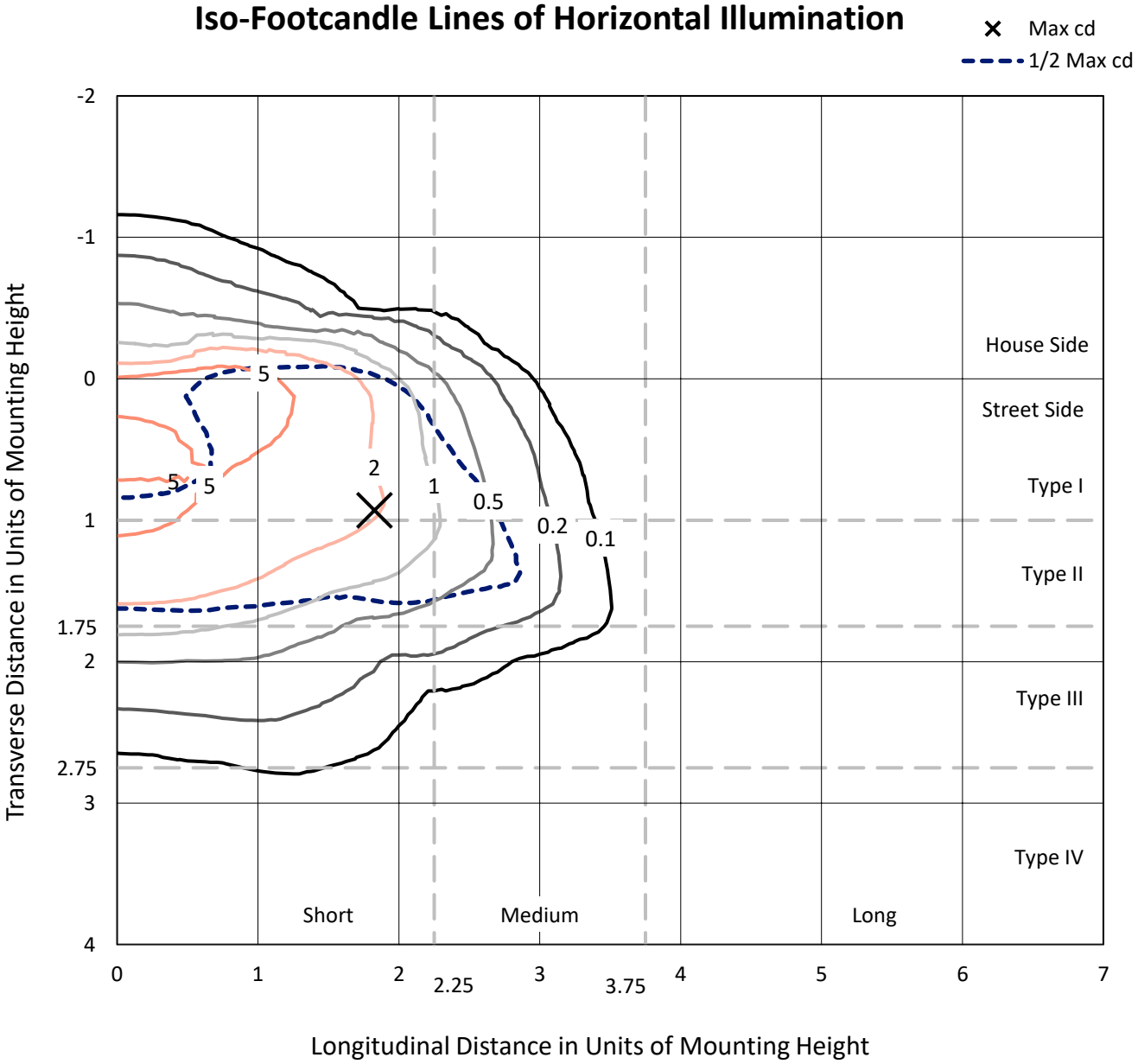
REPORT NUMBER: P1457966
CATALOG NUMBER: GLAN-SB4D-930-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.4 fc
Type II - Short - N/A

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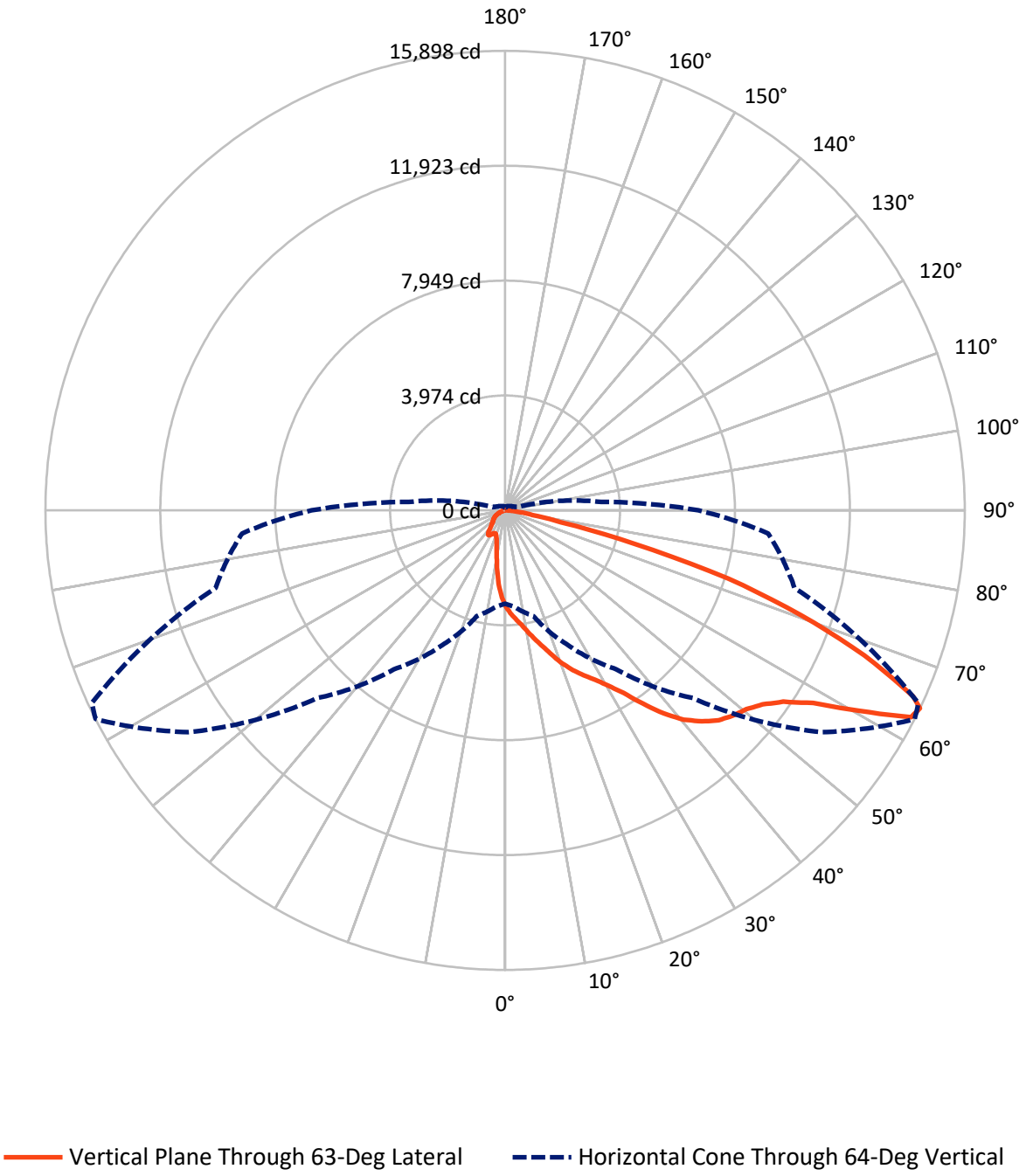
Luminous Intensity Polar Plot



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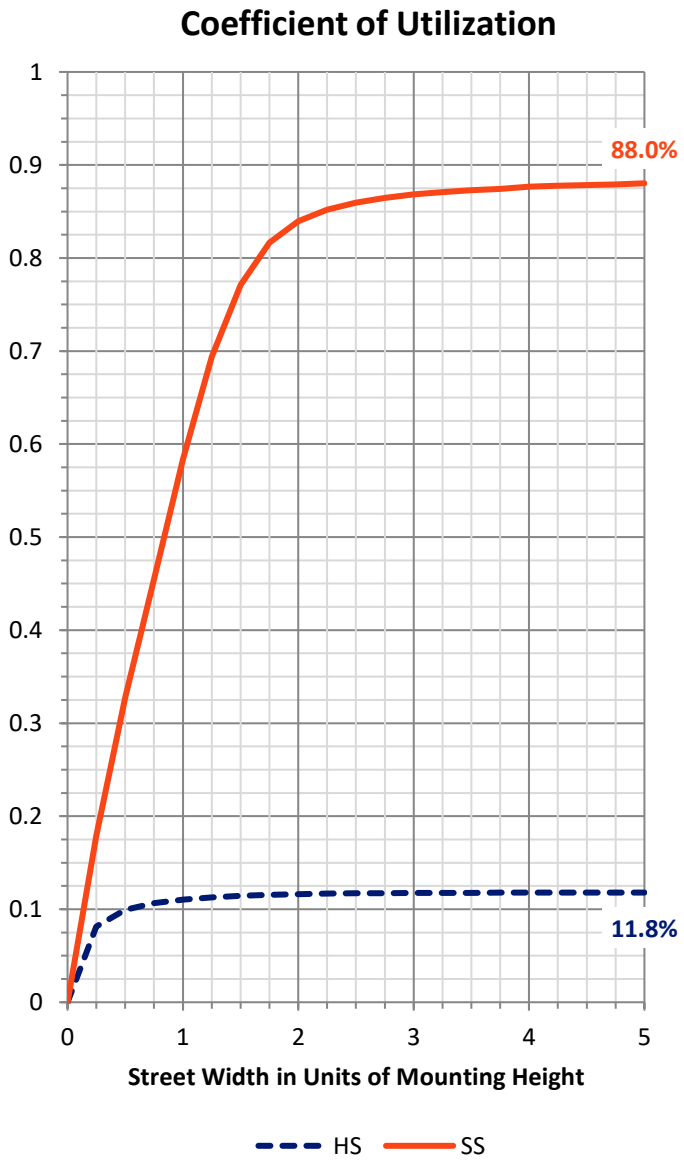
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2440.4	0.0	2440.4
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	18124.6	0.0	18124.6
	% Fixture	88.1	0.0	88.1
Total	Lumens	20565.1	0.0	20565.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	280.0	1.4
10°-20°	786.9	3.8
20°-30°	1401.4	6.8
30°-40°	2676.7	13.0
40°-50°	4436.8	21.6
50°-60°	5530.5	26.9
60°-70°	4123.9	20.1
70°-80°	1182.7	5.8
80°-90°	146.2	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°	20565.1	100.0
0°-180°	20565.1	100.0



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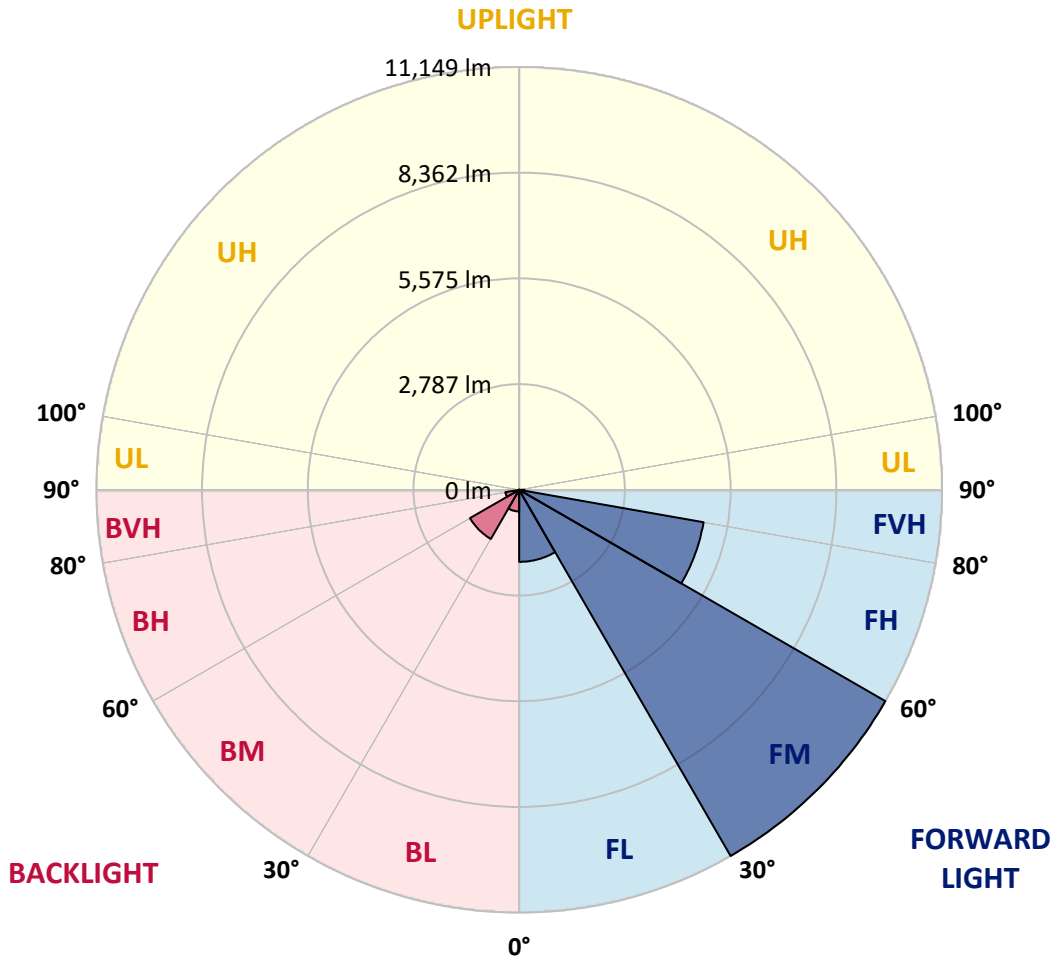
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1898.9	9.2			
FM	(30°-60°)	11149.2	54.2			
FH	(60°-80°)	4937.5	24.0			G2/5000
FVH	(80°-90°)	139.1	0.7			G2/225
BL	(0°-30°)	569.4	2.8	B2/1000		
BM	(30°-60°)	1494.8	7.3	B2/2500		
BH	(60°-80°)	369.1	1.8	B1/500		G1/500
BVH	(80°-90°)	7.2	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: P1457966
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	3325.1	3325.1	3325.1	3325.1	3325.1	3325.1	3325.1	*3325.1*	3325.1	3325.1	3325.1
2.5°	3726.1	3713.8	3701.4	3682.9	3658.3	3633.6	3602.7	*3559.5*	3541.0	3479.4	3405.3
5°	3917.4	3917.4	3911.2	3898.8	3886.5	3861.8	3824.8	*3769.3*	3744.6	3658.3	3528.7
7.5°	3966.7	3972.9	3991.4	4016.1	4053.1	4046.9	4046.9	*3985.2*	3972.9	3880.3	3707.6
10°	3880.3	3886.5	3935.9	4003.7	4114.8	4219.6	4293.7	*4256.7*	4238.1	4145.6	3929.7
12.5°	3757.0	3757.0	3837.2	3942.0	4114.8	4312.2	4528.1	*4565.1*	4571.3	4466.4	4207.3
15°	3436.2	3448.5	3578.1	3787.8	4071.6	4380.0	4744.0	*4885.9*	4922.9	4855.1	4546.6
17.5°	3010.5	3022.8	3152.4	3436.2	3861.8	4380.0	4929.1	*5256.0*	5305.4	5317.7	4978.4
20°	2831.6	2831.6	2905.6	3121.5	3565.7	4262.8	5040.1	*5650.9*	5761.9	5897.6	5453.5
22.5°	2856.3	2856.3	2899.5	3022.8	3380.6	4102.4	5108.0	*6002.5*	6230.8	6576.2	6064.2
25°	2992.0	2992.0	3029.0	3109.2	3399.2	4077.8	5237.5	*6317.1*	6681.1	7335.0	6761.3
27.5°	3207.9	3201.7	3232.6	3312.8	3578.1	4195.0	5453.5	*6631.7*	7038.9	8186.3	7563.3
30°	3522.5	3504.0	3516.4	3608.9	3868.0	4466.4	5768.1	*7032.7*	7446.1	9117.9	8451.6
32.5°	4250.5	4244.3	4065.4	4016.1	4293.7	4904.4	6199.9	*7532.4*	7995.1	10104.9	9364.6
35°	5564.5	5650.9	5397.9	4750.2	4805.7	5490.5	6816.8	*8211.0*	8636.7	11153.7	10357.9
37.5°	6897.0	6897.0	6792.1	6027.2	5638.5	6138.2	7483.1	*8908.1*	9352.3	11998.8	11314.1
40°	7951.9	8007.4	7884.1	7310.3	6804.5	6878.5	8149.3	*9518.9*	9926.0	12517.0	11992.7
42.5°	8735.4	8723.1	8673.7	8297.4	8013.6	7847.0	8753.9	*9975.4*	10364.0	12782.3	12418.3
45°	9580.6	9580.6	9512.7	9204.2	8969.8	8827.9	9204.2	*10357.9*	10765.0	12942.7	12683.6
47.5°	10462.7	10450.4	10382.5	10043.2	9790.3	9580.6	9660.8	*10604.6*	11011.8	12837.8	12726.8
50°	10678.6	10666.3	10820.5	10832.9	10604.6	10203.6	10024.7	*10814.4*	11172.2	12844.0	12862.5
52.5°	10425.7	10499.7	10728.0	11005.6	11264.7	10845.2	10413.4	*11147.5*	11517.6	13016.7	13201.8
55°	9796.5	9827.3	10265.3	10709.5	11314.1	11462.1	11036.5	*11678.0*	12005.0	13183.3	13504.1
57.5°	8624.3	8741.6	9210.4	9981.5	10900.7	11517.6	12122.2	*12566.4*	12813.1	13251.1	13337.5
60°	6508.4	6570.1	7587.9	8587.3	10043.2	11073.5	13133.9	*14071.6*	14040.8	12486.2	12171.6
62.5°	3960.5	4016.1	4744.0	6329.5	8161.7	10148.1	13473.2	*15755.8*	15589.2	11196.8	10246.8
64°	*3226.4*	*3331.3*	*3781.6*	*5138.8*	*6711.9*	*9179.6*	*13374.5*	*15897.7*	*15768.1*	*10364.0*	*9130.2*
65°	2757.6	2899.5	3362.1	4460.2	5706.4	8137.0	13103.1	*15502.9*	15416.5	9858.2	8204.9
67.5°	1733.5	1801.4	2486.1	3467.0	3929.7	5206.7	11264.7	*13405.4*	13559.6	8784.7	6051.9
70°	1289.3	1320.2	1708.8	2683.5	3066.0	3029.0	7736.0	*10857.5*	10894.6	7026.6	3652.1
72.5°	937.7	943.9	1196.8	1986.4	2399.8	2066.6	4077.8	*8069.1*	7803.9	4114.8	1992.6
75°	623.1	647.8	839.0	1400.4	1869.2	1517.6	1856.9	*4596.0*	4515.8	2011.1	1141.3
77.5°	456.5	462.7	567.6	937.7	1468.2	1116.6	1122.8	*1980.3*	2042.0	1196.8	721.8
80°	259.1	271.4	370.1	573.7	956.2	765.0	629.2	*956.2*	1098.1	814.3	481.2
82.5°	154.2	166.6	265.3	376.3	653.9	314.6	320.8	*524.4*	653.9	586.1	259.1
85°	92.5	98.7	166.6	203.6	388.7	209.7	117.2	*259.1*	339.3	345.5	141.9
87.5°	61.7	61.7	92.5	86.4	111.0	98.7	49.4	*67.9*	86.4	117.2	55.5
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: P1457966
CATALOG NUMBER: GLAN-SB4D-930-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3325.1	3325.1	3325.1	3325.1	3325.1	3325.1	3325.1	3325.1	3325.1	3325.1	3325.1
2.5°	3343.6	3306.6	3195.6	3047.5	2911.8	2806.9	2677.4	2591.0	2510.8	2510.8	2442.9
5°	3423.8	3325.1	3053.7	2714.4	2350.4	2004.9	1782.9	1536.1	1455.9	1388.0	1400.4
7.5°	3559.5	3380.6	2899.5	2288.7	1708.8	1338.7	1091.9	980.9	931.5	900.7	906.9
10°	3726.1	3479.4	2714.4	1856.9	1258.5	980.9	863.7	820.5	802.0	795.8	795.8
12.5°	3954.4	3596.6	2529.3	1492.9	993.2	845.2	783.5	758.8	740.3	727.9	727.9
15°	4225.8	3744.6	2313.4	1227.6	869.8	777.3	727.9	703.3	678.6	672.4	672.4
17.5°	4571.3	3898.8	2122.2	1054.9	808.1	727.9	678.6	647.8	629.2	623.1	623.1
20°	4953.8	4090.1	1930.9	956.2	765.0	678.6	629.2	604.6	586.1	573.7	579.9
22.5°	5441.1	4330.7	1807.5	906.9	727.9	635.4	586.1	561.4	542.9	530.5	536.7
25°	5977.8	4633.0	1739.7	906.9	703.3	604.6	549.0	524.4	505.9	493.5	493.5
27.5°	6631.7	4972.3	1745.8	943.9	697.1	579.9	518.2	493.5	475.0	456.5	456.5
30°	7353.5	5373.3	1813.7	1011.7	709.4	555.2	493.5	456.5	444.2	425.7	425.7
32.5°	8118.5	5835.9	1986.4	1098.1	697.1	524.4	456.5	425.7	407.2	394.8	394.8
35°	8926.6	6360.3	2202.4	1135.1	635.4	481.2	425.7	394.8	382.5	376.3	370.1
37.5°	9697.8	6816.8	2319.6	1061.1	555.2	444.2	388.7	357.8	351.6	339.3	339.3
40°	10296.2	7193.1	2251.7	906.9	512.0	407.2	357.8	327.0	314.6	302.3	302.3
42.5°	10647.8	7328.8	2004.9	771.1	481.2	370.1	327.0	296.1	283.8	277.6	277.6
45°	10851.4	7310.3	1715.0	690.9	450.3	339.3	296.1	277.6	259.1	252.9	246.8
47.5°	10845.2	7119.1	1505.3	623.1	419.5	314.6	277.6	259.1	240.6	234.4	234.4
50°	10802.0	6835.3	1270.8	573.7	394.8	296.1	259.1	246.8	228.3	222.1	215.9
52.5°	10906.9	6674.9	1061.1	542.9	364.0	283.8	252.9	234.4	209.7	203.6	203.6
55°	11036.5	6582.4	851.3	512.0	339.3	277.6	240.6	222.1	197.4	191.2	191.2
57.5°	10660.1	6230.8	703.3	462.7	308.5	265.3	228.3	215.9	191.2	172.7	172.7
60°	9475.7	5151.2	579.9	407.2	283.8	246.8	215.9	197.4	172.7	148.1	148.1
62.5°	7705.2	3929.7	481.2	345.5	265.3	228.3	197.4	178.9	148.1	117.2	117.2
64°	*6693.4*	*3337.5*	*431.8*	*302.3*	*252.9*	*209.7*	*178.9*	*160.4*	*129.6*	*98.7*	*92.5*
65°	6002.5	2948.8	401.0	283.8	246.8	197.4	172.7	154.2	117.2	92.5	86.4
67.5°	4225.8	1980.3	320.8	234.4	215.9	166.6	148.1	129.6	104.9	80.2	74.0
70°	2461.5	1122.8	252.9	197.4	166.6	129.6	123.4	117.2	92.5	61.7	61.7
72.5°	1338.7	561.4	191.2	160.4	129.6	92.5	104.9	92.5	74.0	49.4	43.2
75°	820.5	345.5	141.9	117.2	86.4	67.9	80.2	67.9	43.2	30.8	24.7
77.5°	549.0	222.1	104.9	80.2	55.5	43.2	55.5	37.0	18.5	6.2	6.2
80°	339.3	154.2	67.9	49.4	30.8	18.5	12.3	6.2	6.2	0.0	0.0
82.5°	148.1	98.7	37.0	24.7	12.3	6.2	6.2	0.0	0.0	0.0	0.0
85°	80.2	30.8	12.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.7	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

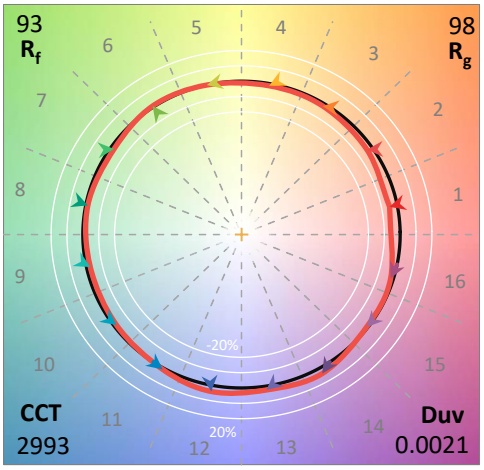
Test Information

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

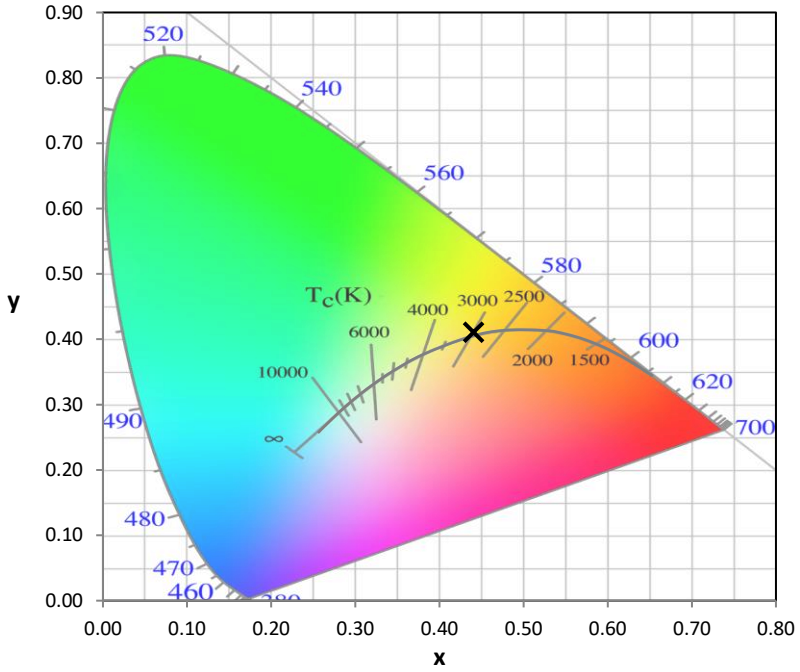
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

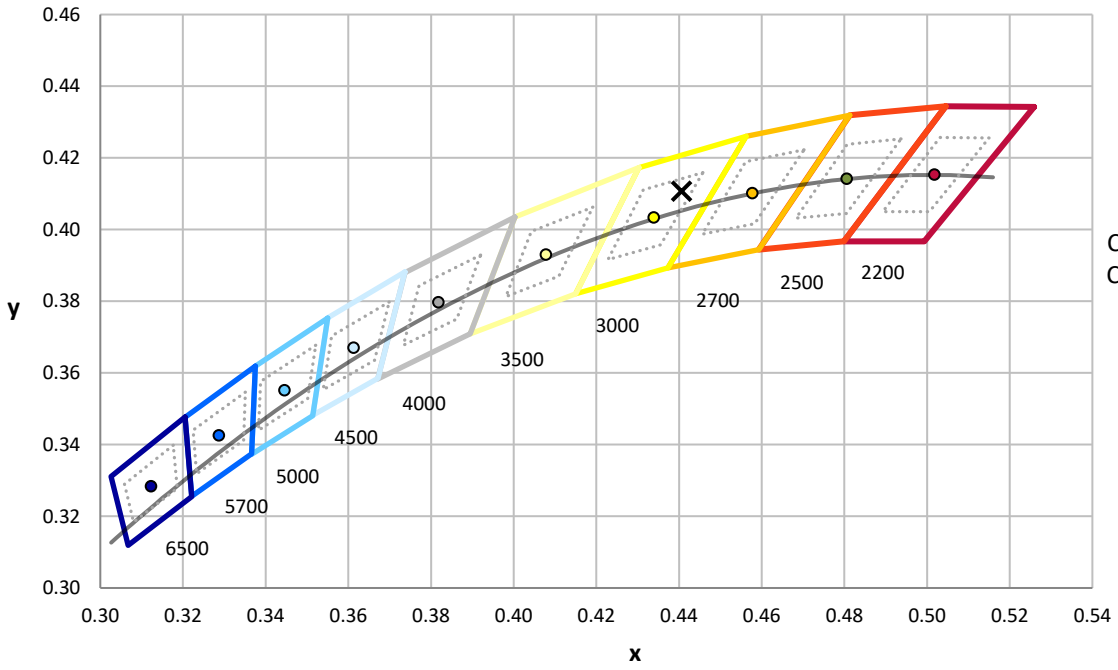
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

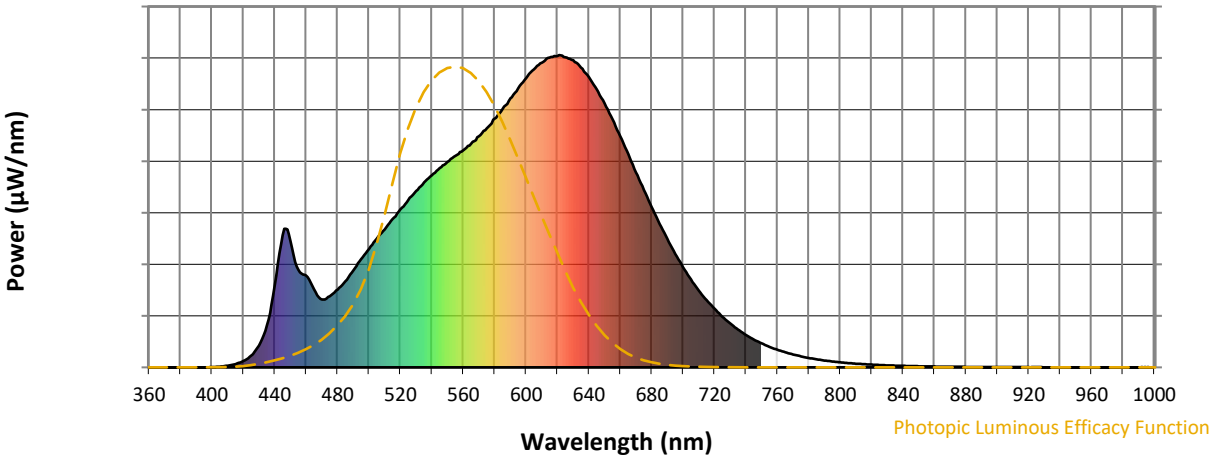


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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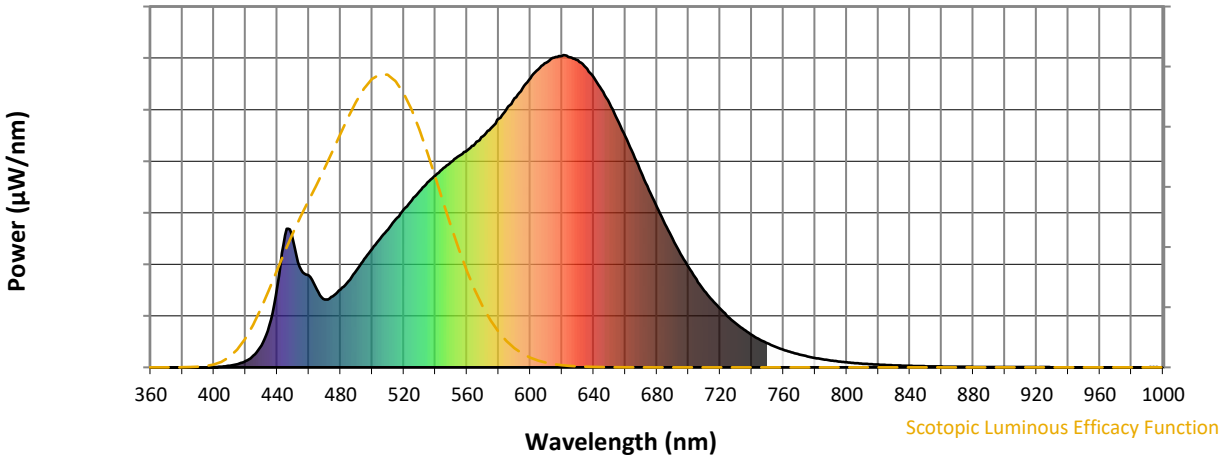
Scotopic Flux vs. Wavelength



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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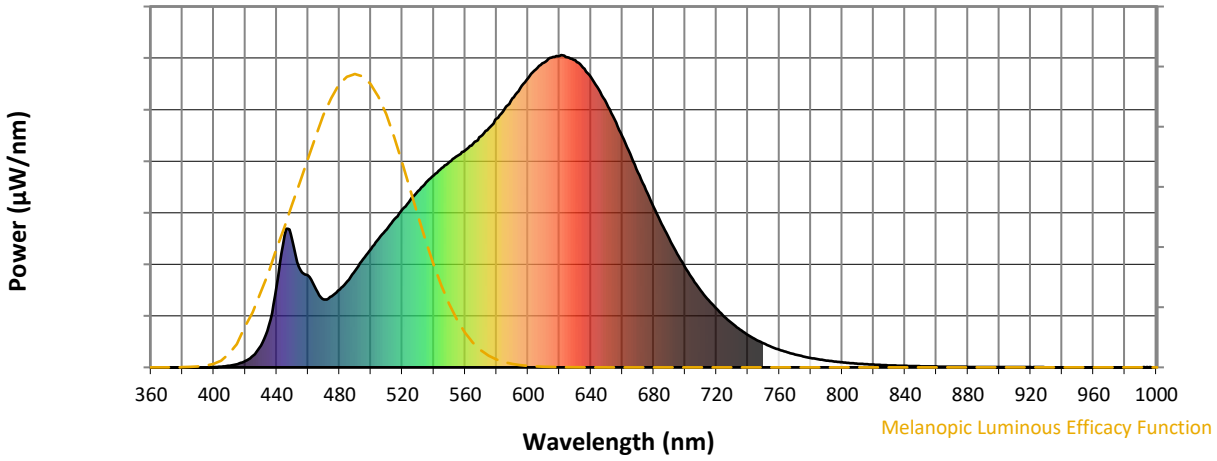
Melanopic Flux vs. Wavelength



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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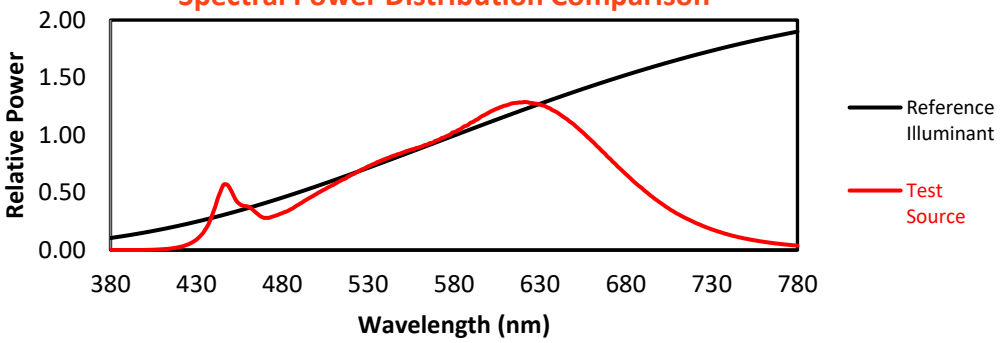
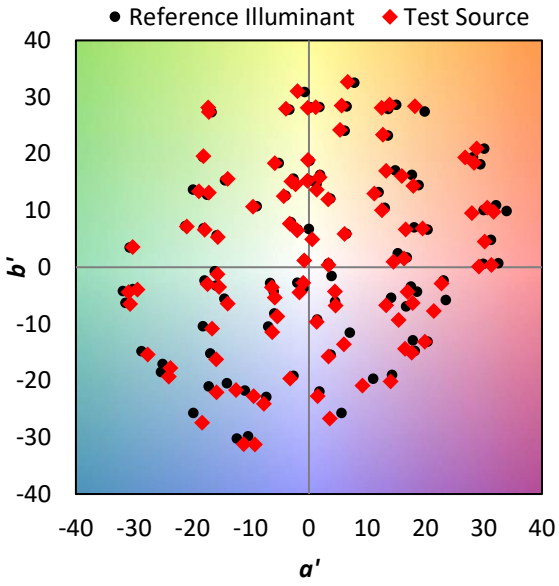
Summary

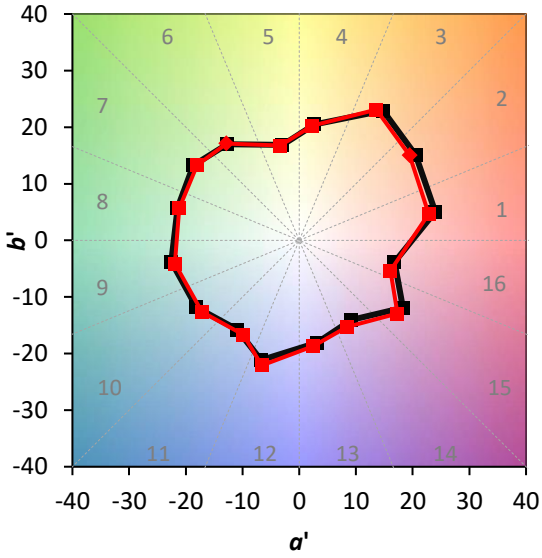
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

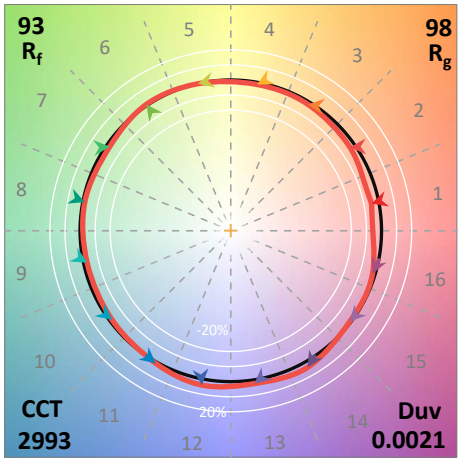
Spectral Power Distribution Comparison

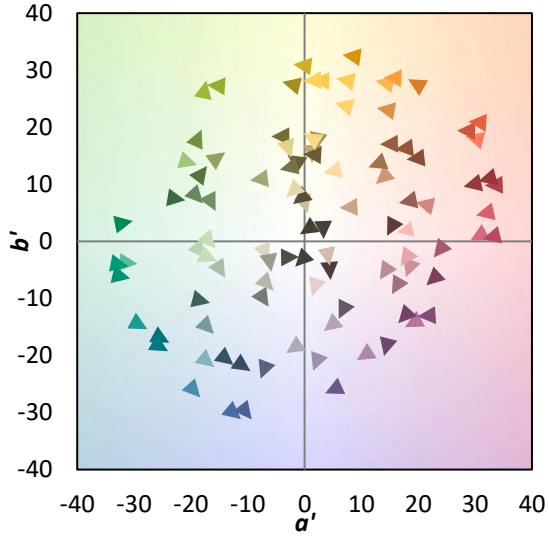


Color Vector Graphics









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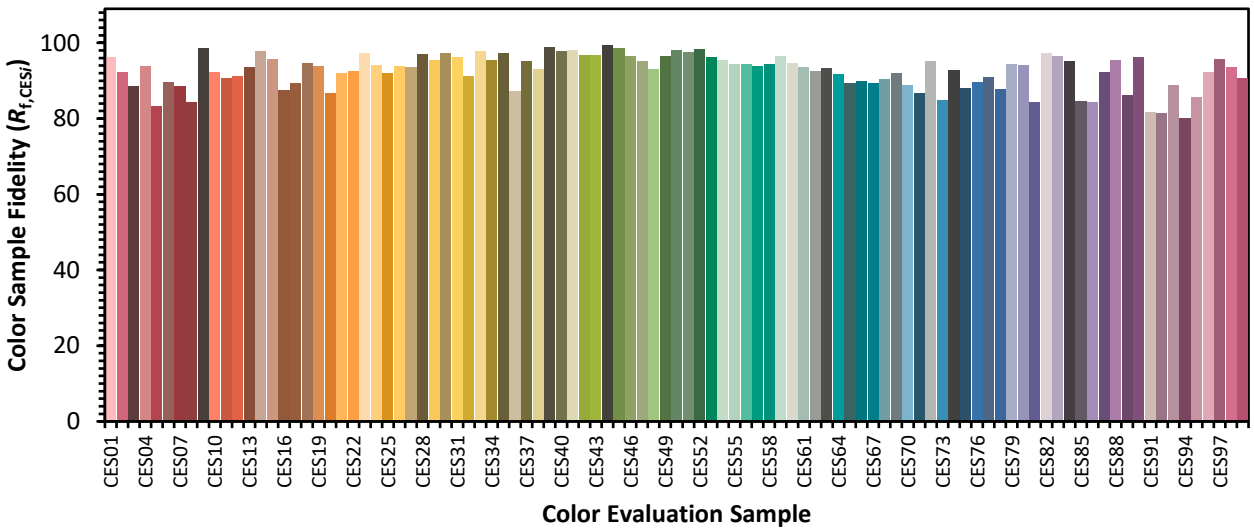
Individual Sample Fidelity Index ($R_{f,i}$)

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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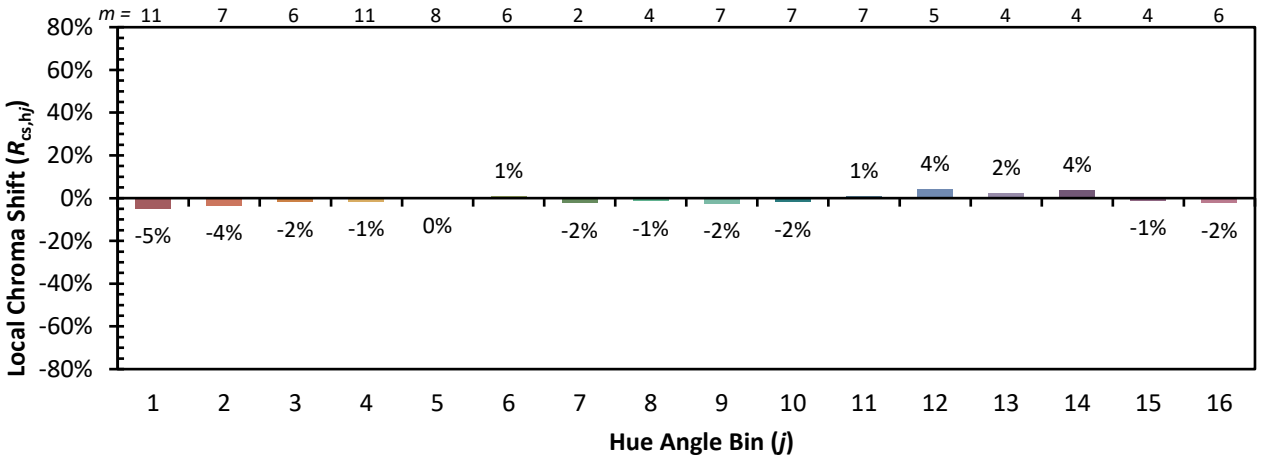
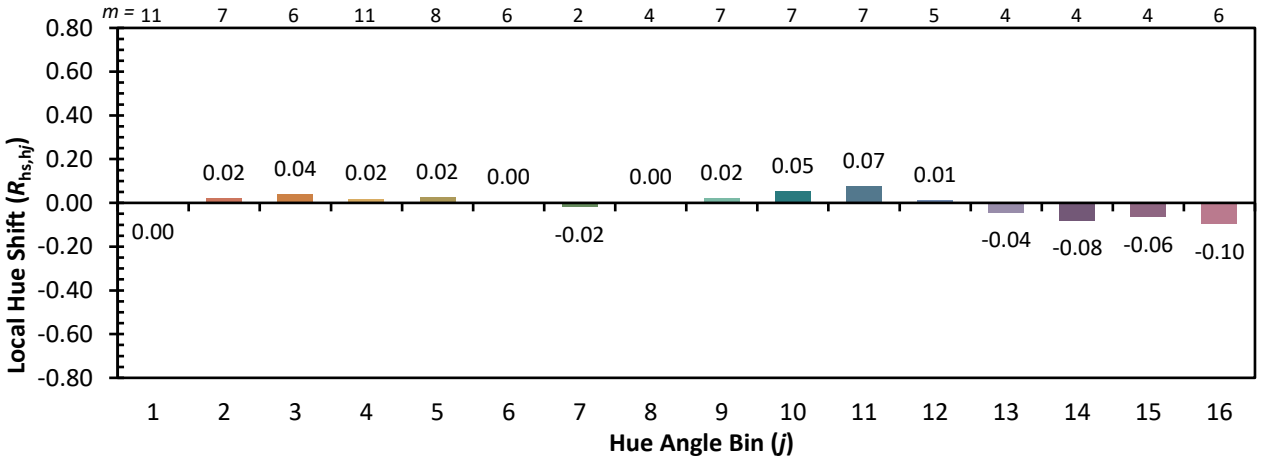
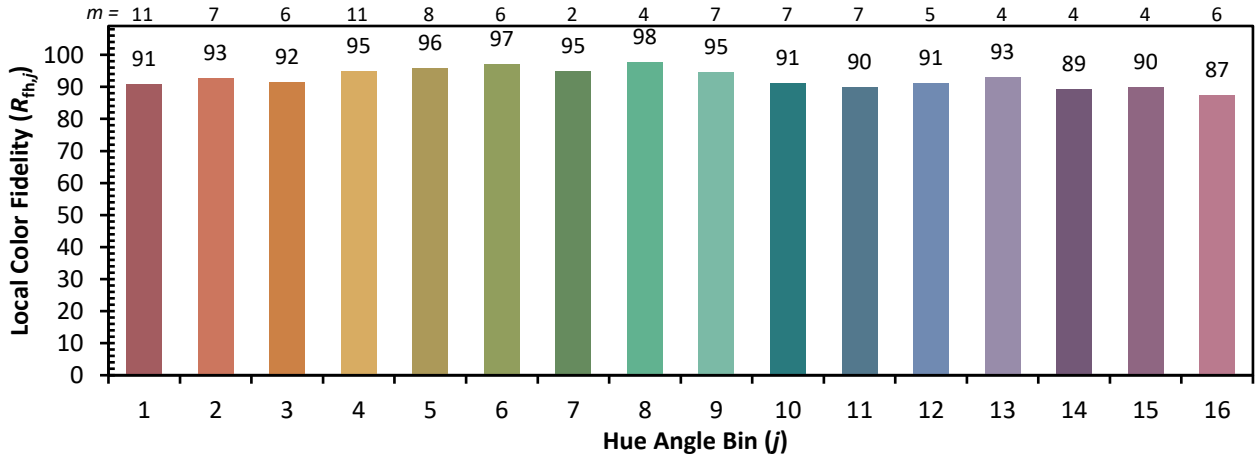
Color Rendition by Hue-Angle Bin







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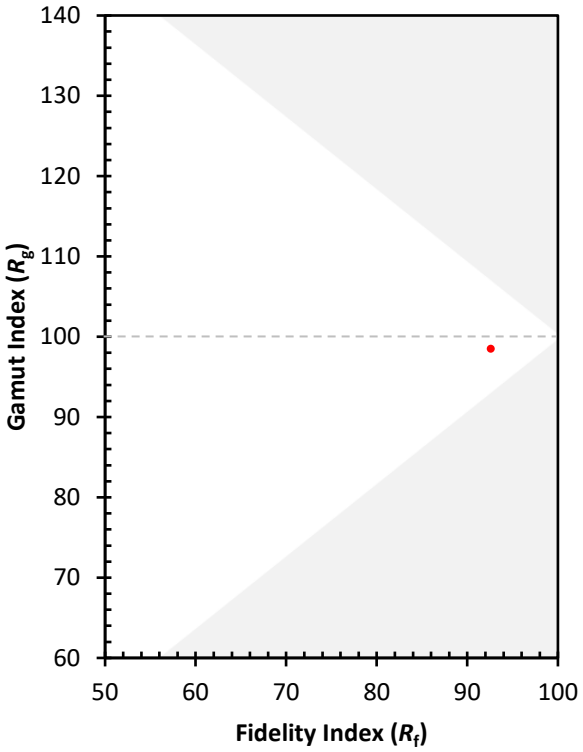
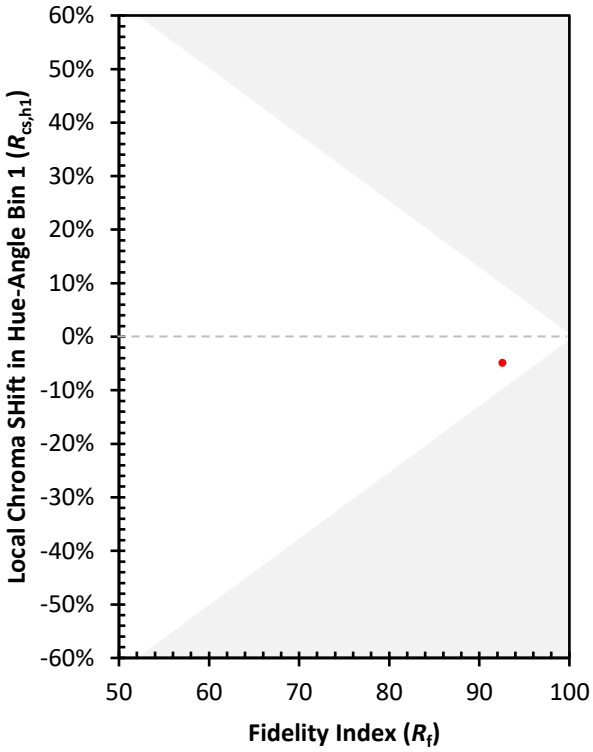
Measure Comparisons





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