

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1456831

Luminaire Tested: GLAN-SB9A-930-U-T3LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1456831
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB9A-930-U-T3LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square
PACKAGE 90CRI 3000K FIXTURE w/ TYPE III LOW GLARE
Light Source: (234) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27743.4 lumens
Efficiency: N/A
Efficacy: 108.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

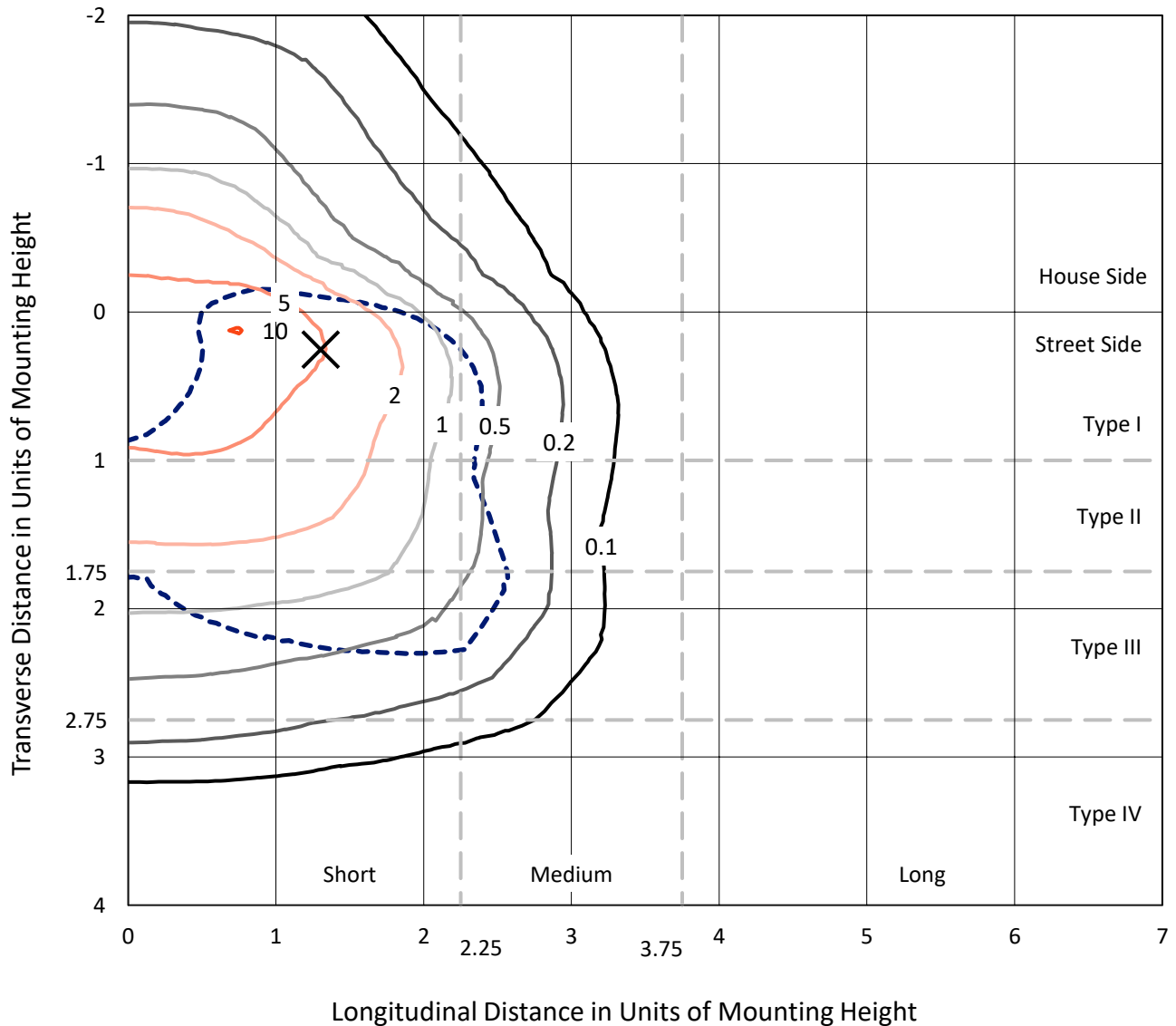
Input Watts (W): 255.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB9A-930-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

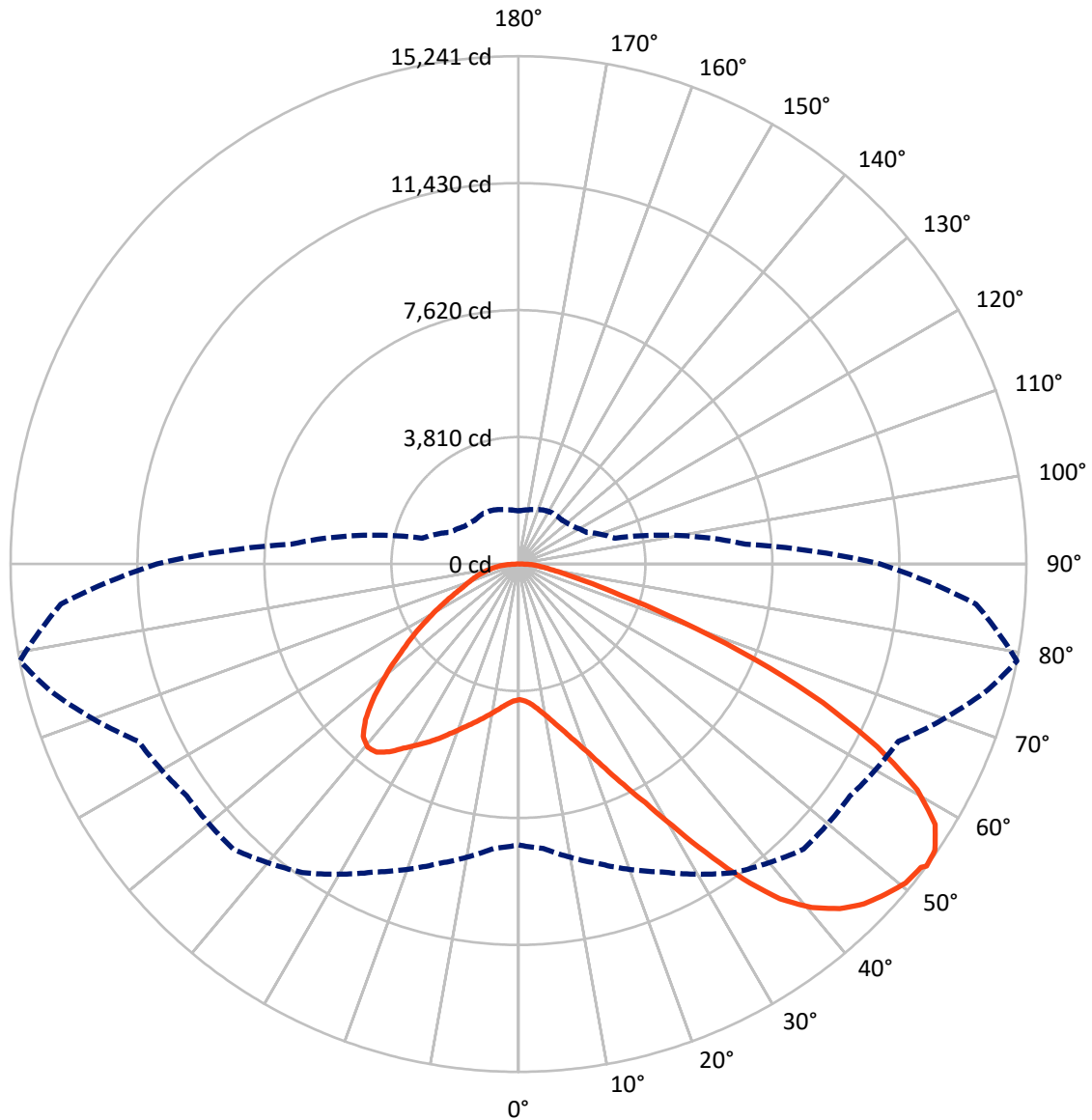


Based on 25 foot mounting height. Maximum calculated value = 10.1 fc
 Type III - Short - N/A

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CATALOG NUMBER: GLAN-SB9A-930-U-T3LG

Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 53-Deg Vertical

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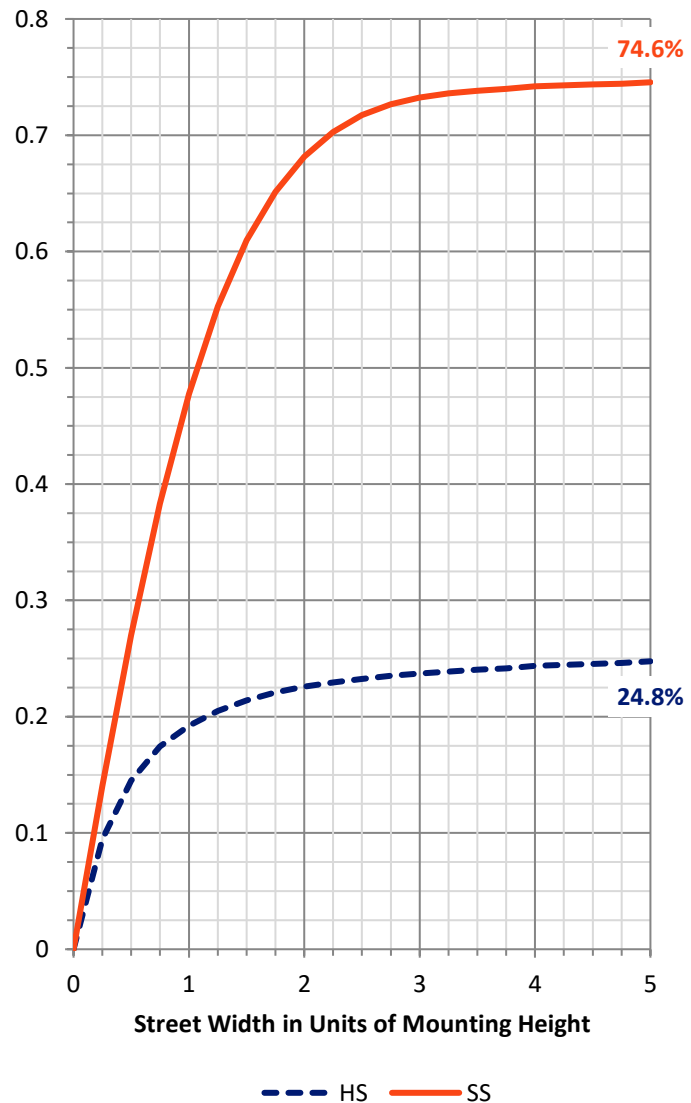
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6993.9	0.0	6993.9
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	20749.5	0.0	20749.5
	% Fixture	74.8	0.0	74.8
Total	Lumens	27743.4	0.0	27743.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	388.1	1.4
10°-20°	1201.7	4.3
20°-30°	2297.6	8.3
30°-40°	3944.8	14.2
40°-50°	5525.5	19.9
50°-60°	6270.7	22.6
60°-70°	5499.0	19.8
70°-80°	2150.2	7.8
80°-90°	465.9	1.7
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°	27743.4	100.0
0°-180°	27743.4	100.0



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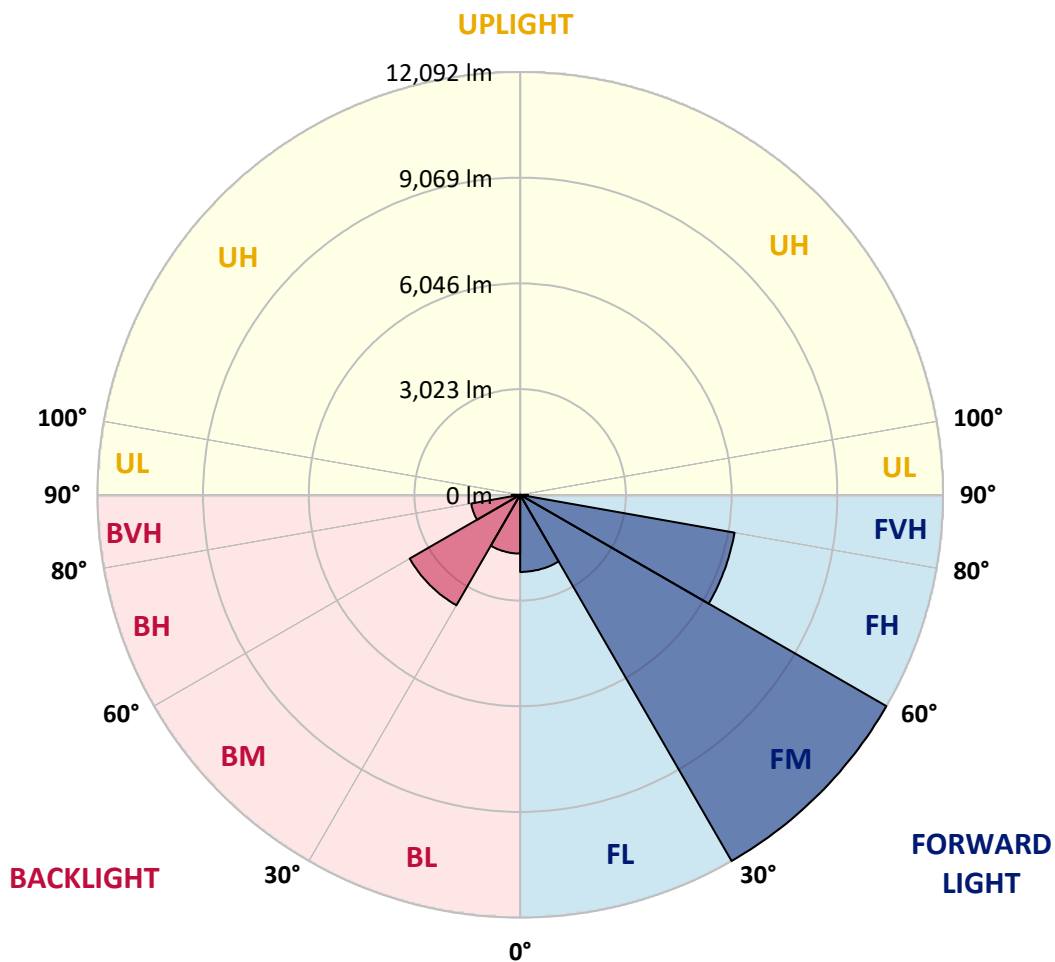
CATALOG NUMBER: GLAN-SB9A-930-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2205.3	7.9			
FM	(30°-60°)	12092.4	43.6			
FH	(60°-80°)	6225.8	22.4			G3/7500
FVH	(80°-90°)	226.0	0.8			G3/500
BL	(0°-30°)	1682.1	6.1	B3/2500		
BM	(30°-60°)	3648.6	13.2	B3/5000		
BH	(60°-80°)	1423.4	5.1	B3/2500		G3/2500
BVH	(80°-90°)	239.9	0.9			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8
2.5°	4079.0	4079.0	4054.3	4079.0	4066.6	4085.2	4097.5	4097.5	4122.2	4116.1	4116.1
5°	4011.0	3998.6	3992.5	4035.7	4060.4	4109.9	4165.5	4190.2	4233.5	4233.5	4239.7
7.5°	3831.8	3825.6	3856.5	3943.0	4023.4	4147.0	4264.4	4332.4	4400.4	4412.7	4412.7
10°	3720.5	3714.3	3751.4	3856.5	3986.3	4165.5	4350.9	4493.1	4604.3	4635.2	4635.2
12.5°	3720.5	3720.5	3751.4	3856.5	3992.5	4208.8	4462.2	4703.2	4876.2	4913.3	4901.0
15°	3825.6	3819.4	3856.5	3967.7	4097.5	4301.5	4610.5	4931.9	5166.7	5234.7	5240.9
17.5°	3936.8	3930.7	3986.3	4128.4	4282.9	4486.9	4802.1	5197.6	5531.4	5617.9	5636.4
20°	4109.9	4103.7	4171.7	4307.7	4499.2	4734.1	5061.7	5512.8	5976.3	6069.0	6093.8
22.5°	4307.7	4313.8	4388.0	4554.9	4746.5	5055.5	5457.2	5957.8	6514.0	6656.2	6680.9
25°	4721.7	4703.2	4765.0	4882.4	5086.4	5457.2	5951.6	6495.5	7156.8	7329.8	7360.7
27.5°	5271.8	5240.9	5308.9	5426.3	5574.6	5920.7	6489.3	7095.0	7892.2	8108.5	8114.7
30°	5766.2	5747.7	5840.4	6081.4	6235.9	6501.7	7107.3	7799.5	8800.7	9115.9	9128.3
32.5°	6192.6	6186.5	6359.5	6668.5	7020.8	7305.1	7892.2	8689.5	9950.3	10314.9	10234.5
35°	6600.5	6619.1	6835.4	7156.8	7626.5	8195.1	8788.4	9696.9	11161.6	11600.4	11470.6
37.5°	7014.6	7027.0	7311.3	7725.4	8219.8	8961.4	9758.7	10790.8	12212.2	12756.1	12471.8
40°	7397.8	7434.9	7818.1	8263.0	8905.8	9659.8	10549.7	11550.9	13021.9	13559.5	13250.5
42.5°	7781.0	7836.6	8250.7	8862.5	9548.5	10333.4	11099.8	12014.5	13541.0	14140.5	13664.6
45°	8176.5	8213.6	8726.6	9363.1	10141.8	10864.9	11415.0	12311.1	13899.5	14548.4	13899.5
47.5°	8442.3	8516.4	9078.8	9814.3	10593.0	11272.8	11668.4	12434.7	14128.1	14814.1	13986.0
50°	8547.3	8652.4	9258.1	10073.9	10963.8	11656.0	11866.1	12502.7	14381.5	15049.0	13967.4
52.5°	8528.8	8627.7	9289.0	10191.3	11260.5	12008.3	12057.7	12576.9	14560.7	15129.3	13806.8
53°	8429.9	8565.9	9307.5	10197.5	11303.7	12101.0	12144.3	12583.1	14585.5	15240.6	13782.0
55°	8090.0	8164.2	9115.9	10191.3	11507.7	12447.1	12385.3	12768.5	14653.5	15166.4	13510.1
57.5°	7781.0	7855.1	8683.3	10073.9	11674.6	12935.3	12774.6	12737.6	14282.6	14746.2	12824.1
60°	7583.2	7607.9	8306.3	9703.0	11606.6	13275.2	13028.0	12372.9	13368.0	13751.1	11618.9
62.5°	7416.3	7410.2	8028.2	9171.5	11347.0	13324.7	13077.5	11470.6	12026.8	12088.6	10012.1
65°	7039.3	6996.1	7595.6	8572.1	10809.3	13102.2	12471.8	10104.8	10246.9	10043.0	8040.5
67.5°	6291.5	6198.8	6730.3	7657.4	9715.4	12471.8	11316.1	8516.4	8077.6	7669.7	6056.7
70°	4505.4	4505.4	4931.9	5858.9	7799.5	10778.4	9715.4	6446.0	5562.3	5197.6	4048.1
72.5°	2206.4	2262.0	2707.0	3461.0	5228.5	7824.2	7441.1	4177.9	3374.4	3195.2	2595.7
75°	939.4	945.6	1155.7	1532.7	2651.3	4629.0	4659.9	2410.3	2163.1	2076.6	1718.1
77.5°	655.1	667.5	760.2	902.3	1260.8	2126.0	2422.7	1458.5	1452.4	1390.6	1223.7
80°	500.6	513.0	574.8	673.7	846.7	1087.7	1254.6	988.8	1038.3	976.5	883.8
82.5°	377.0	389.4	432.6	506.8	605.7	729.3	704.6	729.3	766.4	729.3	636.6
85°	253.4	259.6	290.5	352.3	389.4	438.8	438.8	531.5	556.2	543.9	500.6
87.5°	129.8	129.8	154.5	185.4	197.8	203.9	179.2	234.9	265.8	290.5	234.9
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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CATALOG NUMBER: GLAN-SB9A-930-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8	4072.8
2.5°	4116.1	4122.2	4103.7	4097.5	4091.3	4060.4	4060.4	4029.5	4023.4	4029.5	4011.0
5°	4252.0	4239.7	4190.2	4153.1	4109.9	4023.4	3973.9	3905.9	3887.4	3868.9	3850.3
7.5°	4418.9	4400.4	4313.8	4215.0	4097.5	3930.7	3838.0	3726.7	3689.6	3658.7	3646.4
10°	4629.0	4592.0	4456.0	4245.9	4029.5	3825.6	3695.8	3559.8	3498.0	3485.7	3454.8
12.5°	4901.0	4833.0	4579.6	4252.0	3967.7	3702.0	3559.8	3454.8	3430.1	3423.9	3393.0
15°	5203.8	5104.9	4697.0	4258.2	3887.4	3596.9	3510.4	3454.8	3454.8	3448.6	3430.1
17.5°	5574.6	5413.9	4808.3	4233.5	3788.5	3566.0	3522.8	3473.3	3461.0	3467.1	3442.4
20°	6019.6	5753.8	4925.7	4202.6	3745.3	3572.2	3522.8	3454.8	3423.9	3417.7	3399.2
22.5°	6532.6	6143.2	5055.5	4153.1	3745.3	3566.0	3485.7	3393.0	3331.2	3306.5	3281.7
25°	7119.7	6594.4	5191.4	4134.6	3757.6	3541.3	3411.5	3263.2	3164.3	3127.2	3108.7
27.5°	7830.4	7070.2	5290.3	4153.1	3751.4	3485.7	3281.7	3090.1	2978.9	2917.1	2904.7
30°	8615.3	7583.2	5358.3	4184.1	3714.3	3380.6	3127.2	2910.9	2756.4	2682.2	2663.7
32.5°	9542.4	8158.0	5426.3	4184.1	3621.6	3232.3	2948.0	2713.1	2552.5	2465.9	2453.6
35°	10568.3	8862.5	5488.1	4177.9	3510.4	3071.6	2768.8	2527.7	2360.9	2274.3	2268.2
37.5°	11439.7	9394.0	5519.0	4116.1	3355.9	2886.2	2601.9	2360.9	2187.8	2095.1	2088.9
40°	11977.4	9616.5	5457.2	3992.5	3170.5	2694.6	2416.5	2194.0	2021.0	1909.7	1885.0
42.5°	12181.3	9511.5	5259.4	3788.5	2948.0	2503.0	2262.0	2027.1	1798.5	1705.8	1687.2
45°	12113.4	9103.6	4839.2	3498.0	2700.8	2330.0	2126.0	1860.3	1711.9	1631.6	1625.4
47.5°	11884.7	8473.2	4313.8	3133.4	2441.2	2175.5	1946.8	1817.0	1681.0	1594.5	1588.3
50°	11483.0	7799.5	3683.4	2719.3	2206.4	2014.8	1903.5	1798.5	1687.2	1619.2	1606.9
52.5°	10970.0	7039.3	3102.5	2317.6	2002.4	1872.6	1860.3	1786.1	1699.6	1625.4	1594.5
53°	10852.6	6841.6	2991.3	2249.6	1971.5	1854.1	1847.9	1786.1	1687.2	1619.2	1594.5
55°	10290.2	6229.7	2639.0	2008.6	1817.0	1792.3	1847.9	1779.9	1656.3	1600.7	1582.2
57.5°	9387.8	5426.3	2299.1	1786.1	1656.3	1718.1	1829.4	1755.2	1619.2	1520.3	1489.4
60°	8300.1	4505.4	2039.5	1637.8	1538.9	1625.4	1755.2	1668.7	1483.3	1433.8	1427.6
62.5°	7002.3	3646.4	1841.7	1514.2	1440.0	1526.5	1644.0	1495.6	1359.7	1322.6	1310.2
65°	5469.6	2898.6	1687.2	1421.5	1341.1	1409.1	1489.4	1396.7	1310.2	1279.3	1273.1
67.5°	4066.6	2274.3	1563.6	1341.1	1242.2	1285.5	1378.2	1353.5	1279.3	1260.8	1254.6
70°	2805.8	1847.9	1452.4	1267.0	1118.6	1168.1	1310.2	1328.8	1254.6	1242.2	1236.1
72.5°	1965.3	1563.6	1334.9	1186.6	1019.7	1069.2	1279.3	1279.3	1199.0	1217.5	1205.2
75°	1477.1	1316.4	1199.0	1087.7	896.1	970.3	1236.1	1223.7	1143.4	1223.7	1192.8
77.5°	1112.5	1063.0	1038.3	964.1	784.9	859.1	1149.5	1124.8	1019.7	1025.9	970.3
80°	809.6	822.0	890.0	822.0	655.1	710.7	970.3	957.9	828.2	852.9	784.9
82.5°	580.9	611.8	760.2	661.3	475.9	506.8	667.5	723.1	648.9	611.8	624.2
85°	438.8	457.3	611.8	488.2	296.7	333.7	457.3	519.1	506.8	469.7	475.9
87.5°	185.4	210.1	284.3	228.7	173.0	173.0	284.3	364.6	327.6	278.1	290.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

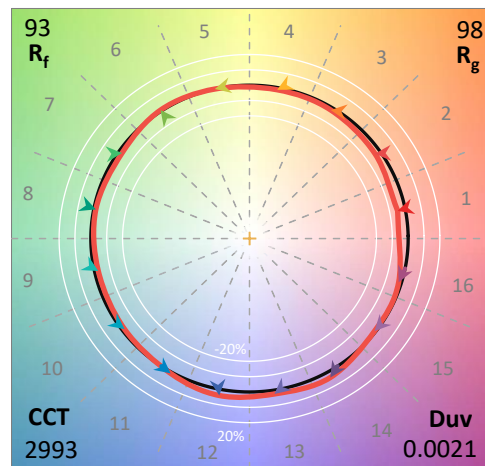
Test Information

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	R9:	58.2
R2:	95.2	R10:	87.7
R3:	97.0	R11:	93.5
R4:	93.1	R12:	81.7
R5:	91.7	R13:	92.9
R6:	94.2	R14:	97.6
R7:	93.3	R15:	88.1
R8:	82.3		



Test Conditions

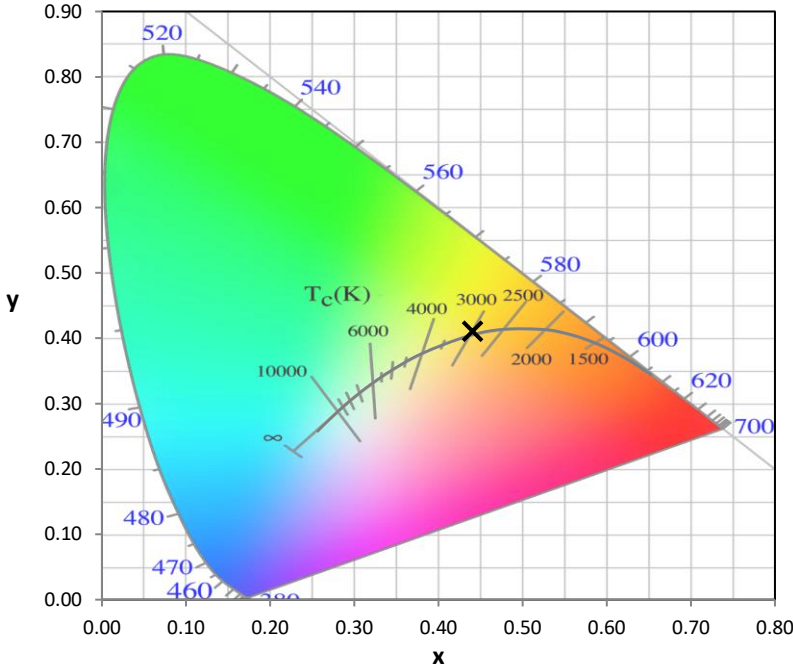
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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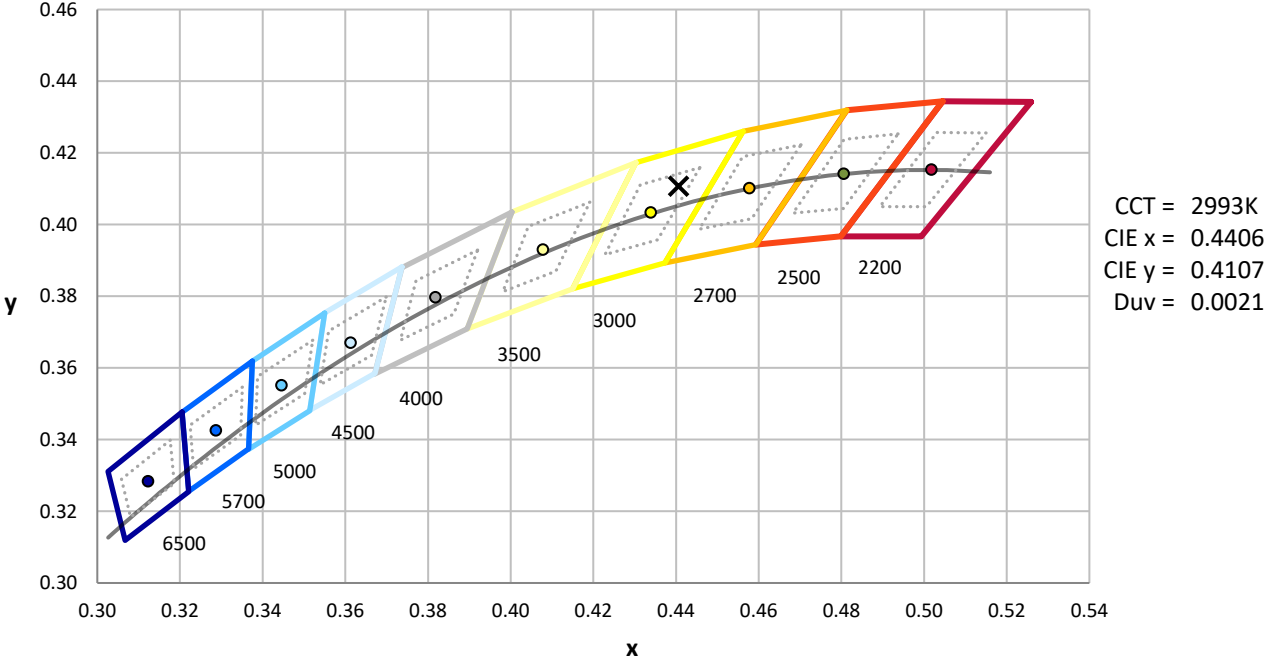
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



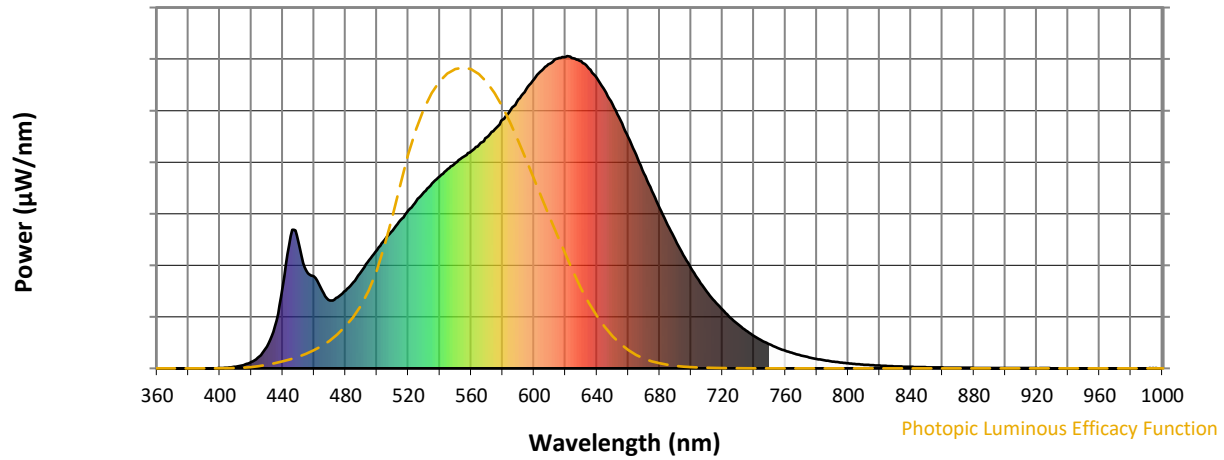
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

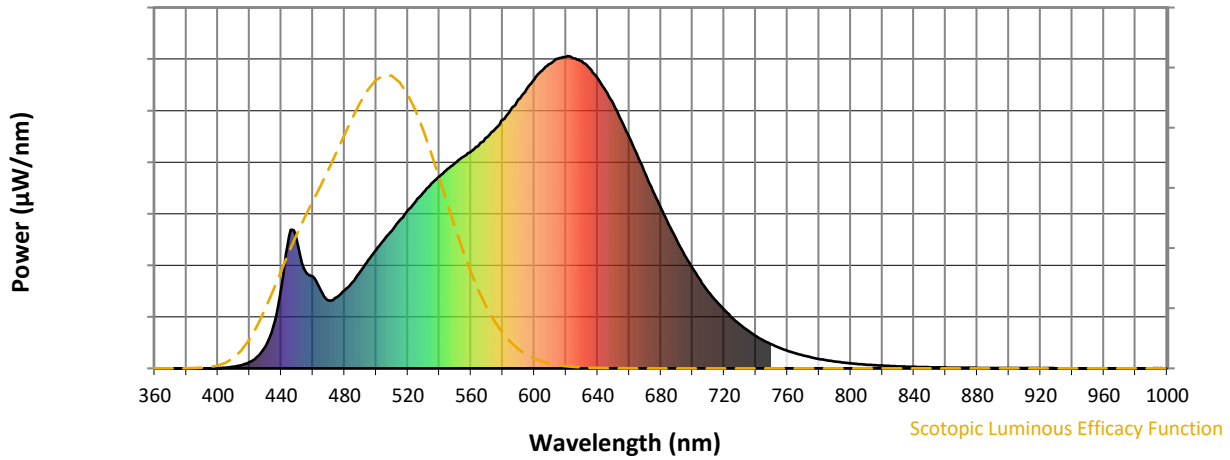


Photopic Lumens: NR

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



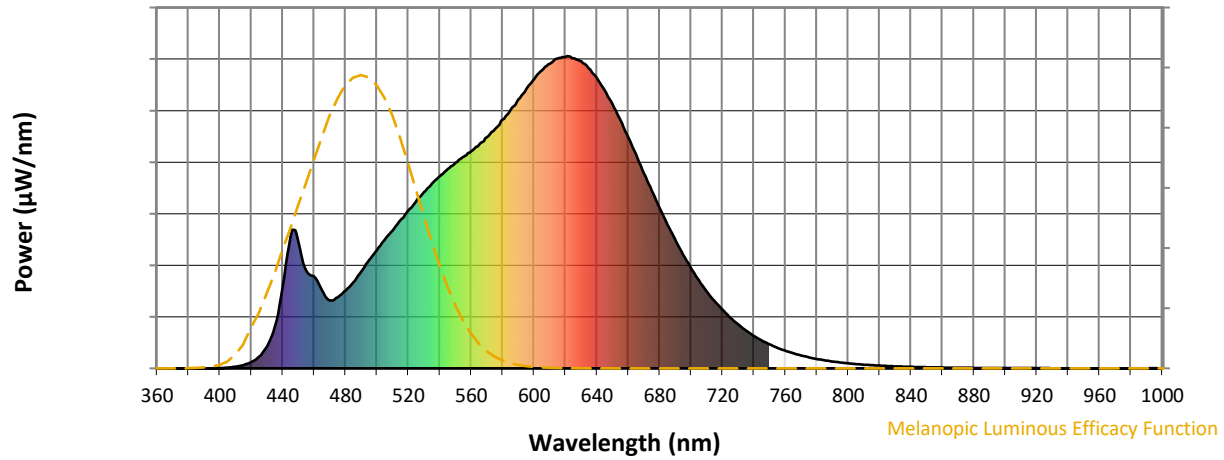
Scotopic Lumens: NR

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



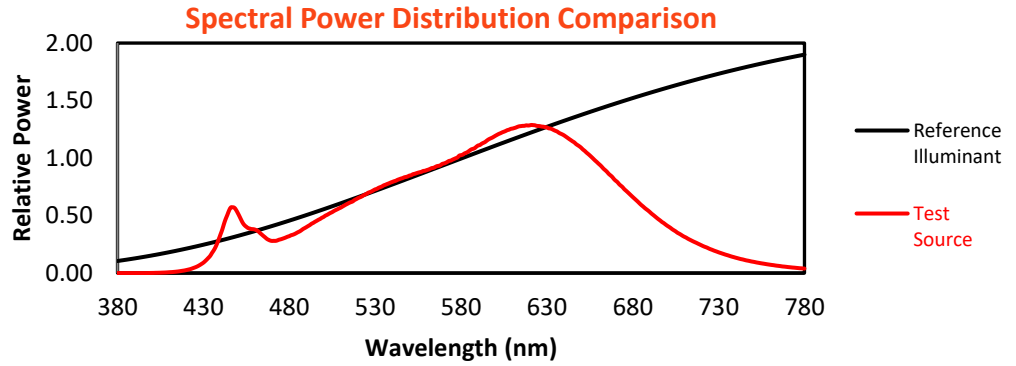
Melanopic Lumens: NR

M/P: 2.69

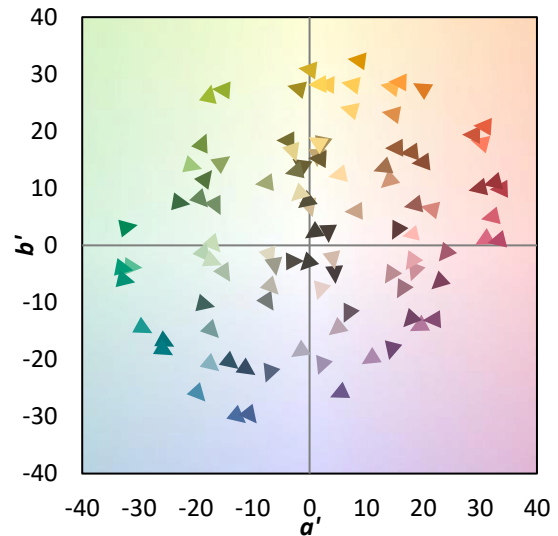
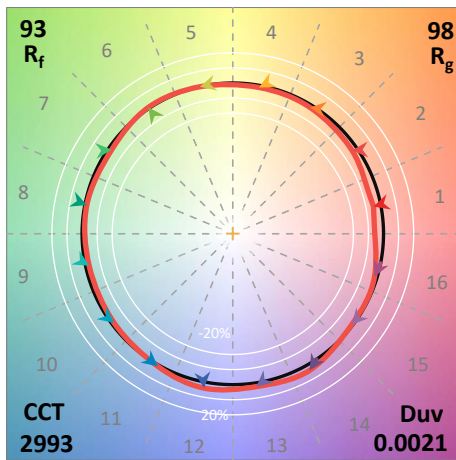
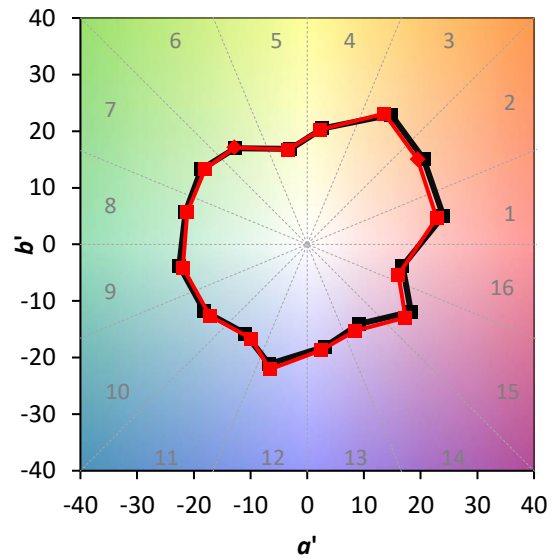
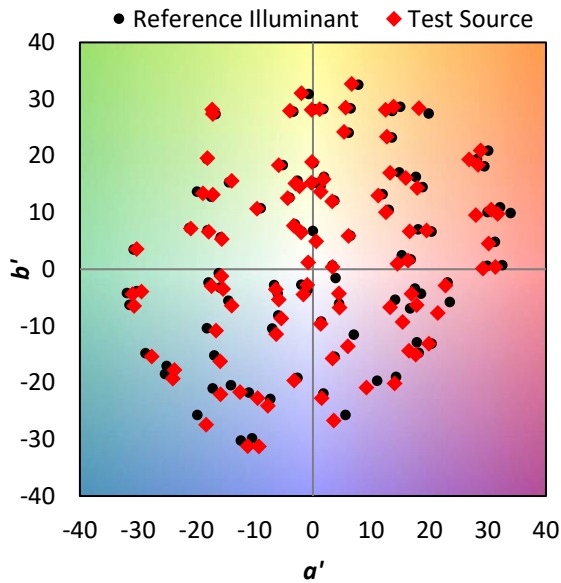
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	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			

Summary

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

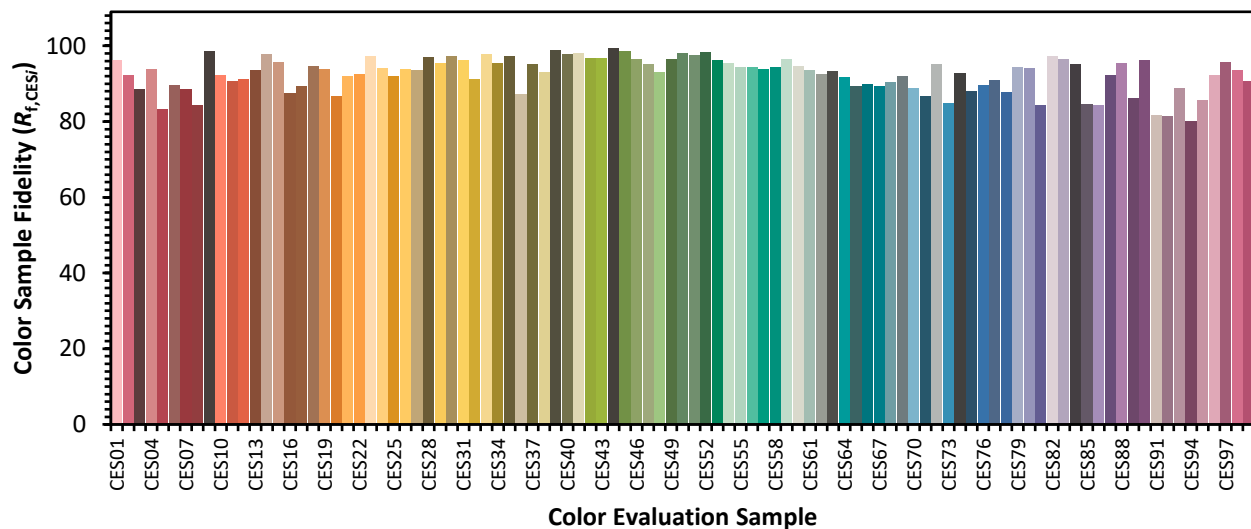


Color Vector Graphics

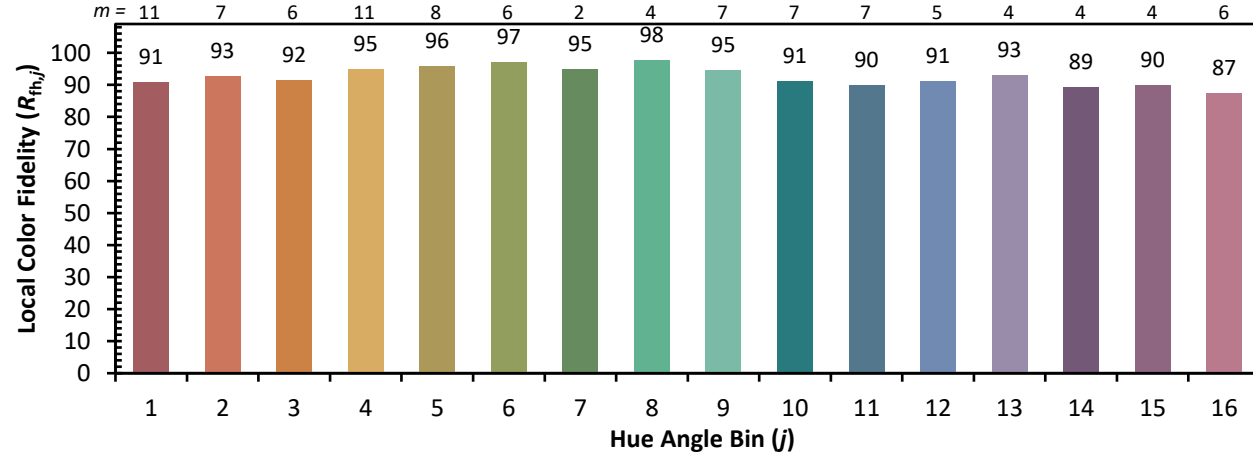
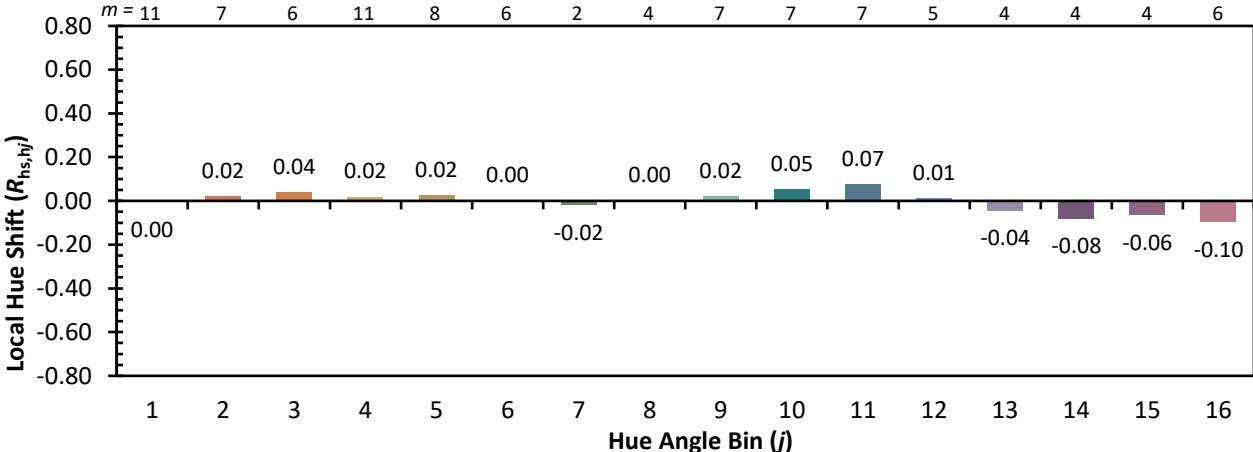
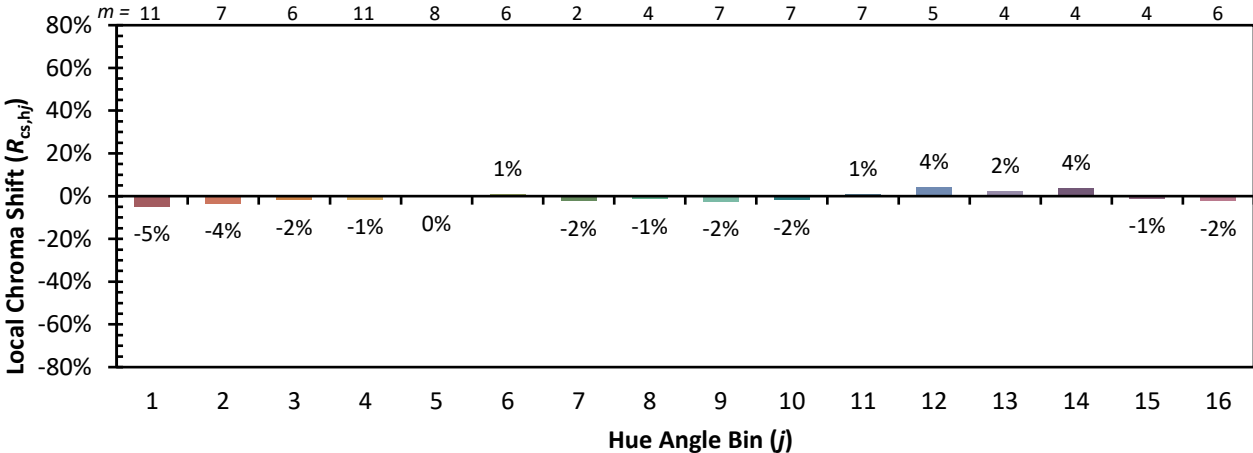


Individual Sample Fidelity Index ($R_{f,i}$)

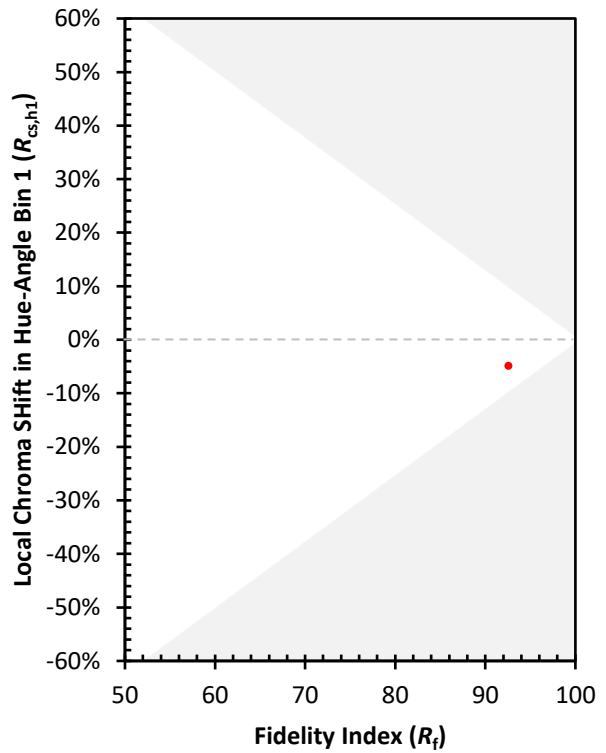
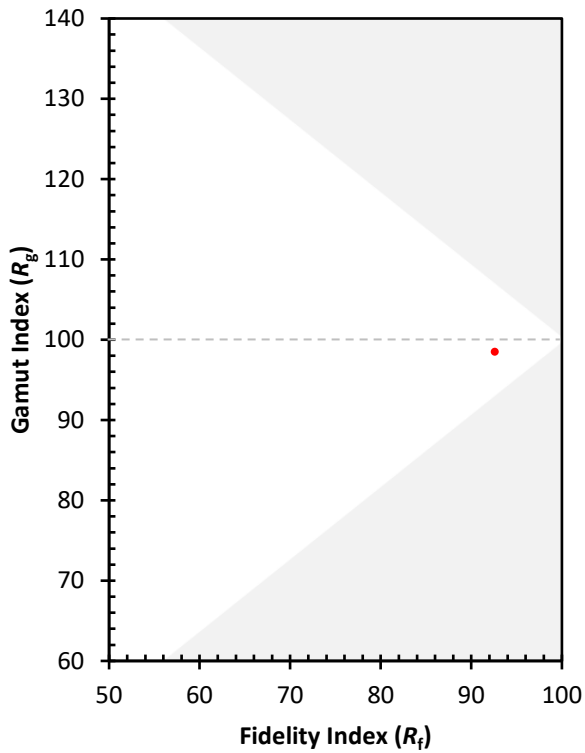
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)