

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: P1456817

Luminaire Tested: GLAN-SB5C-930-U-T3LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456817  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5C-930-U-T3LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 5xLight Square  
PACKAGE 90CRI 3000K FIXTURE w/ TYPE III LOW GLARE  
Light Source: (130) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

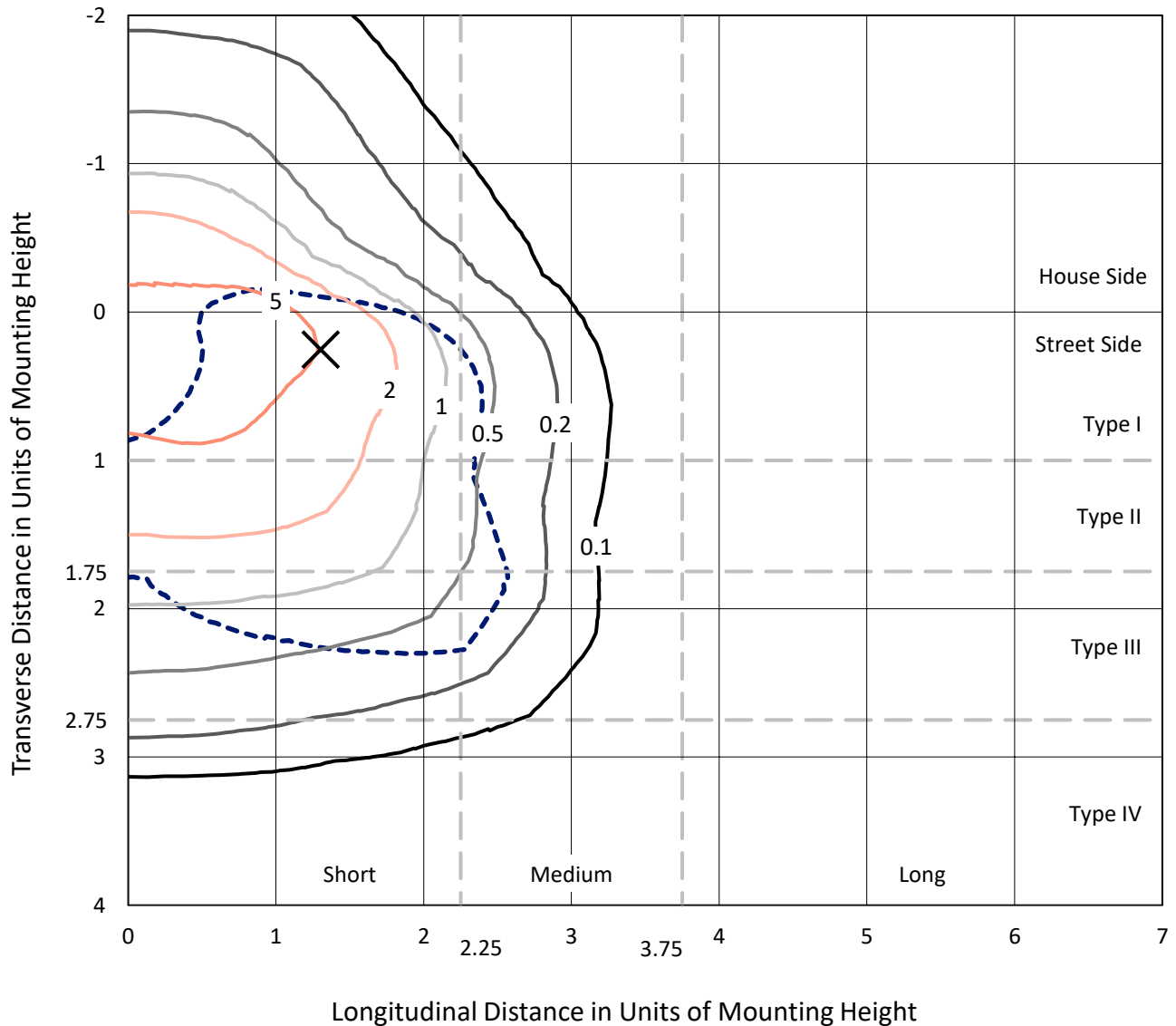
Lumens per Lamp: N/A  
Luminaire Lumens: 25687.6 lumens  
Efficiency: N/A  
Efficacy: 103.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 249.5  
Input Voltage (V): 120  
Input Current (Ain): 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-SB5C-930-U-T3LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

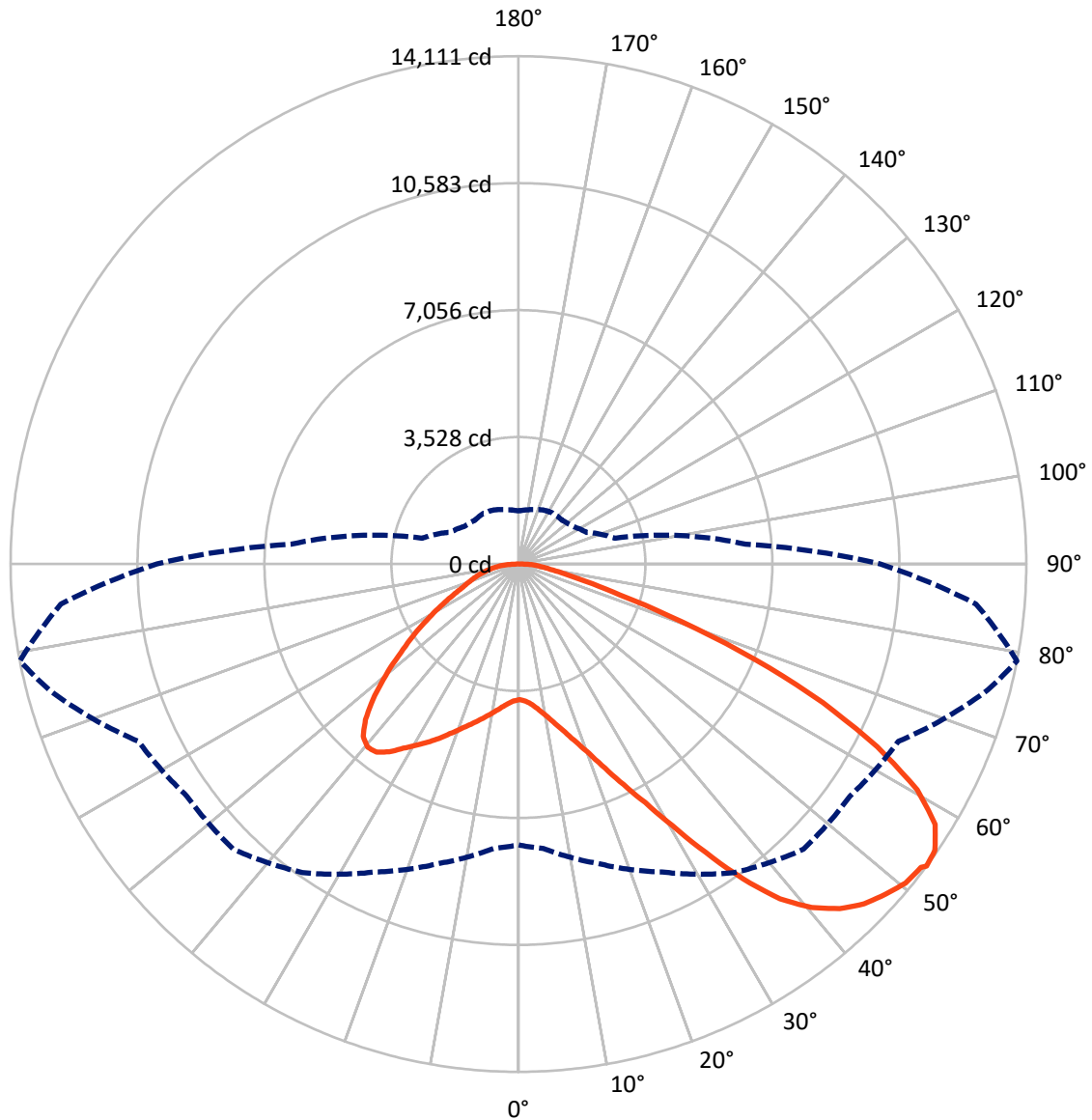


Based on 25 foot mounting height. Maximum calculated value = 9.4 fc  
 Type III - Short - N/A

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### 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
<b>House Side</b>	Lumens	6475.7	0.0	6475.7
	% Fixture	25.2	0.0	25.2
<b>Street Side</b>	Lumens	19212.0	0.0	19212.0
	% Fixture	74.8	0.0	74.8
<b>Total</b>	Lumens	25687.6	0.0	25687.6
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	359.3	1.4
10°-20°	1112.7	4.3
20°-30°	2127.4	8.3
30°-40°	3652.5	14.2
40°-50°	5116.0	19.9
50°-60°	5806.0	22.6
60°-70°	5091.5	19.8
70°-80°	1990.9	7.8
80°-90°	431.4	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°	25687.6	100.0
0°-180°	25687.6	100.0

**Coefficient of Utilization**



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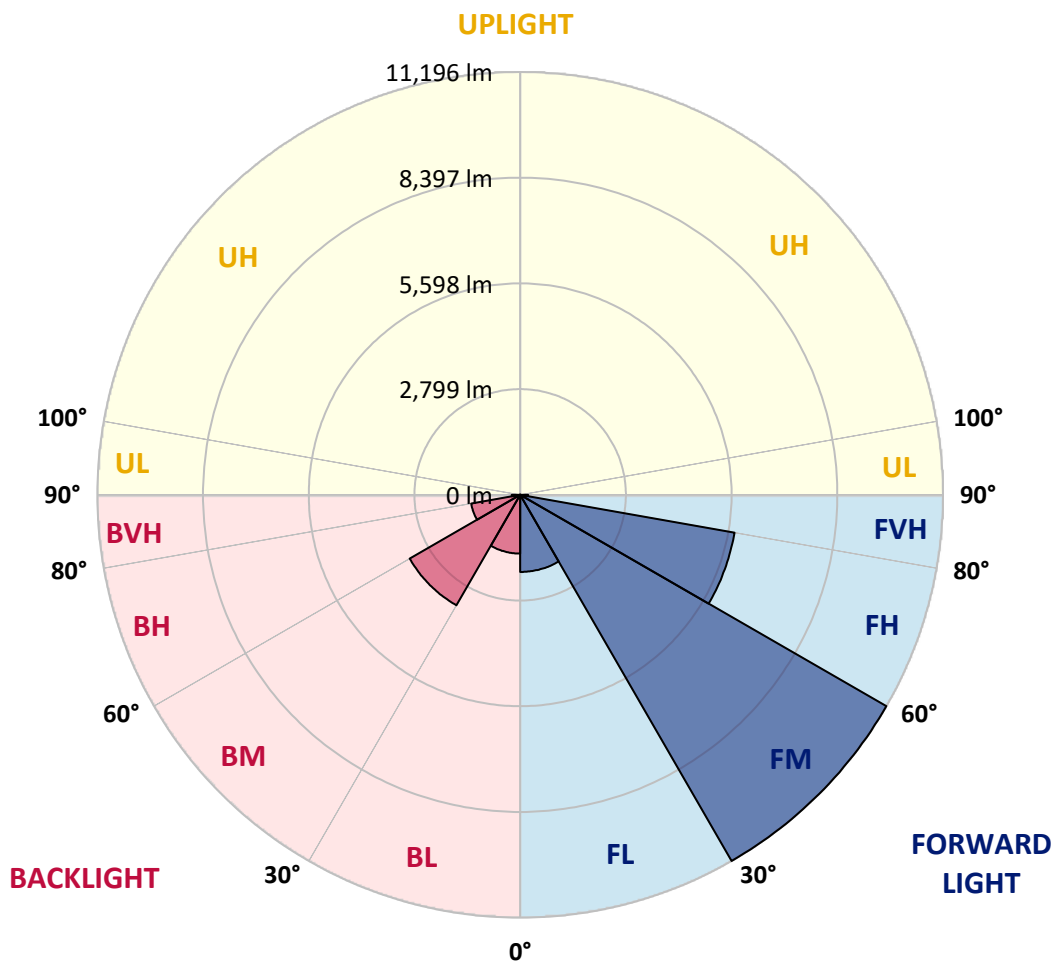
CATALOG NUMBER: GLAN-SB5C-930-U-T3LG

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2041.9	7.9			
FM (30°-60°)	11196.3	43.6			
FH (60°-80°)	5764.5	22.4			G3/7500
FVH (80°-90°)	209.2	0.8			G2/225
BL (0°-30°)	1557.4	6.1	B3/2500		
BM (30°-60°)	3378.2	13.2	B3/5000		
BH (60°-80°)	1317.9	5.1	B3/2500		G3/2500
BVH (80°-90°)	222.1	0.9			G2/225
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°	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0
2.5°	3776.7	3776.7	3753.8	3776.7	3765.3	3782.5	3793.9	3793.9	3816.8	3811.1	3811.1
5°	3713.8	3702.3	3696.6	3736.7	3759.6	3805.3	3856.8	3879.7	3919.8	3919.8	3925.5
7.5°	3547.8	3542.1	3570.7	3650.8	3725.2	3839.7	3948.4	4011.3	4074.3	4085.7	4085.7
10°	3444.8	3439.1	3473.4	3570.7	3690.9	3856.8	4028.5	4160.1	4263.1	4291.7	4291.7
12.5°	3444.8	3444.8	3473.4	3570.7	3696.6	3896.9	4131.5	4354.7	4514.9	4549.2	4537.8
15°	3542.1	3536.4	3570.7	3673.7	3793.9	3982.7	4268.8	4566.4	4783.9	4846.8	4852.5
17.5°	3645.1	3639.4	3690.9	3822.5	3965.6	4154.4	4446.2	4812.5	5121.5	5201.6	5218.8
20°	3805.3	3799.6	3862.6	3988.5	4165.8	4383.3	4686.6	5104.3	5533.5	5619.3	5642.2
22.5°	3988.5	3994.2	4062.8	4217.3	4394.7	4680.9	5052.8	5516.3	6031.3	6162.9	6185.8
25°	4371.8	4354.7	4411.9	4520.6	4709.5	5052.8	5510.6	6014.2	6626.4	6786.7	6815.3
27.5°	4881.1	4852.5	4915.5	5024.2	5161.5	5482.0	6008.4	6569.2	7307.4	7507.7	7513.4
30°	5338.9	5321.8	5407.6	5630.8	5773.8	6019.9	6580.7	7221.6	8148.6	8440.4	8451.9
32.5°	5733.8	5728.0	5888.3	6174.4	6500.6	6763.8	7307.4	8045.6	9212.9	9550.5	9476.2
35°	6111.4	6128.6	6328.9	6626.4	7061.3	7587.8	8137.1	8978.3	10334.5	10740.8	10620.6
37.5°	6494.8	6506.3	6769.5	7152.9	7610.7	8297.4	9035.5	9991.2	11307.3	11810.9	11547.6
40°	6849.6	6883.9	7238.7	7650.7	8245.9	8944.0	9768.0	10695.0	12056.9	12554.8	12268.6
42.5°	7204.4	7255.9	7639.3	8205.8	8841.0	9567.7	10277.3	11124.2	12537.6	13092.7	12652.0
45°	7570.6	7605.0	8079.9	8669.3	9390.3	10059.8	10569.1	11398.9	12869.5	13470.3	12869.5
47.5°	7816.7	7885.4	8406.1	9087.0	9808.1	10437.5	10803.7	11513.3	13081.2	13716.4	12949.6
50°	7914.0	8011.2	8572.0	9327.4	10151.4	10792.3	10986.8	11576.2	13315.8	13933.8	12932.4
52.5°	7896.8	7988.4	8600.6	9436.1	10426.1	11118.5	11164.2	11644.9	13481.8	14008.2	12783.7
53°	7805.2	7931.1	8617.8	9441.8	10466.1	11204.3	11244.4	11650.6	13504.7	14111.2	12760.8
55°	7490.5	7559.2	8440.4	9436.1	10655.0	11524.7	11467.5	11822.3	13567.6	14042.6	12509.0
57.5°	7204.4	7273.1	8039.9	9327.4	10809.5	11976.8	11828.0	11793.7	13224.3	13653.4	11873.8
60°	7021.3	7044.2	7690.8	8984.0	10746.5	12291.5	12062.6	11456.1	12377.4	12732.2	10758.0
62.5°	6866.8	6861.1	7433.3	8491.9	10506.2	12337.3	12108.4	10620.6	11135.6	11192.9	9270.2
65°	6517.7	6477.7	7032.7	7936.9	10008.3	12131.3	11547.6	9356.0	9487.6	9298.8	7444.7
67.5°	5825.3	5739.5	6231.6	7090.0	8995.5	11547.6	10477.6	7885.4	7479.1	7101.4	5607.9
70°	4171.6	4171.6	4566.4	5424.8	7221.6	9979.7	8995.5	5968.4	5150.1	4812.5	3748.1
72.5°	2042.9	2094.4	2506.4	3204.5	4841.1	7244.5	6889.7	3868.3	3124.4	2958.4	2403.4
75°	869.8	875.5	1070.1	1419.1	2454.9	4286.0	4314.6	2231.7	2002.8	1922.7	1590.8
77.5°	606.6	618.0	703.8	835.5	1167.4	1968.5	2243.1	1350.5	1344.7	1287.5	1133.0
80°	463.5	475.0	532.2	623.7	784.0	1007.1	1161.6	915.6	961.3	904.1	818.3
82.5°	349.1	360.5	400.6	469.2	560.8	675.2	652.3	675.2	709.6	675.2	589.4
85°	234.6	240.3	268.9	326.2	360.5	406.3	406.3	492.1	515.0	503.6	463.5
87.5°	120.2	120.2	143.1	171.7	183.1	188.8	165.9	217.4	246.1	268.9	217.4
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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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0	3771.0
2.5°	3811.1	3816.8	3799.6	3793.9	3788.2	3759.6	3759.6	3731.0	3725.2	3731.0	3713.8
5°	3937.0	3925.5	3879.7	3845.4	3805.3	3725.2	3679.4	3616.5	3599.3	3582.2	3565.0
7.5°	4091.5	4074.3	3994.2	3902.6	3793.9	3639.4	3553.6	3450.6	3416.2	3387.6	3376.2
10°	4286.0	4251.7	4125.8	3931.2	3731.0	3542.1	3421.9	3296.1	3238.8	3227.4	3198.8
12.5°	4537.8	4474.9	4240.2	3937.0	3673.7	3427.7	3296.1	3198.8	3175.9	3170.2	3141.6
15°	4818.2	4726.6	4349.0	3942.7	3599.3	3330.4	3250.3	3198.8	3198.8	3193.1	3175.9
17.5°	5161.5	5012.7	4452.0	3919.8	3507.8	3301.8	3261.7	3215.9	3204.5	3210.2	3187.3
20°	5573.5	5327.5	4560.7	3891.2	3467.7	3307.5	3261.7	3198.8	3170.2	3164.4	3147.3
22.5°	6048.5	5688.0	4680.9	3845.4	3467.7	3301.8	3227.4	3141.6	3084.3	3061.4	3038.6
25°	6592.1	6105.7	4806.7	3828.2	3479.2	3278.9	3158.7	3021.4	2929.8	2895.5	2878.3
27.5°	7250.2	6546.3	4898.3	3845.4	3473.4	3227.4	3038.6	2861.2	2758.2	2700.9	2689.5
30°	7976.9	7021.3	4961.2	3874.0	3439.1	3130.1	2895.5	2695.2	2552.2	2483.5	2466.3
32.5°	8835.3	7553.5	5024.2	3874.0	3353.3	2992.8	2729.5	2512.1	2363.3	2283.2	2271.8
35°	9785.2	8205.8	5081.4	3868.3	3250.3	2844.0	2563.6	2340.4	2185.9	2105.8	2100.1
37.5°	10592.0	8697.9	5110.0	3811.1	3107.2	2672.3	2409.1	2185.9	2025.7	1939.9	1934.1
40°	11089.8	8903.9	5052.8	3696.6	2935.5	2494.9	2237.4	2031.4	1871.2	1768.2	1745.3
42.5°	11278.7	8806.6	4869.7	3507.8	2729.5	2317.5	2094.4	1876.9	1665.2	1579.4	1562.2
45°	11215.7	8429.0	4480.6	3238.8	2500.7	2157.3	1968.5	1722.4	1585.1	1510.7	1505.0
47.5°	11004.0	7845.3	3994.2	2901.2	2260.3	2014.3	1802.5	1682.4	1556.5	1476.4	1470.6
50°	10632.1	7221.6	3410.5	2517.8	2042.9	1865.5	1762.5	1665.2	1562.2	1499.2	1487.8
52.5°	10157.1	6517.7	2872.6	2145.9	1854.0	1733.9	1722.4	1653.7	1573.6	1505.0	1476.4
53°	10048.4	6334.6	2769.6	2082.9	1825.4	1716.7	1711.0	1653.7	1562.2	1499.2	1476.4
55°	9527.7	5768.1	2443.4	1859.8	1682.4	1659.5	1711.0	1648.0	1533.6	1482.1	1464.9
57.5°	8692.2	5024.2	2128.7	1653.7	1533.6	1590.8	1693.8	1625.1	1499.2	1407.7	1379.1
60°	7685.1	4171.6	1888.4	1516.4	1424.9	1505.0	1625.1	1545.0	1373.4	1327.6	1321.9
62.5°	6483.4	3376.2	1705.3	1402.0	1333.3	1413.4	1522.1	1384.8	1258.9	1224.6	1213.1
65°	5064.3	2683.8	1562.2	1316.1	1241.7	1304.7	1379.1	1293.2	1213.1	1184.5	1178.8
67.5°	3765.3	2105.8	1447.7	1241.7	1150.2	1190.2	1276.1	1253.2	1184.5	1167.4	1161.6
70°	2597.9	1711.0	1344.7	1173.1	1035.7	1081.5	1213.1	1230.3	1161.6	1150.2	1144.5
72.5°	1819.7	1447.7	1236.0	1098.7	944.2	990.0	1184.5	1184.5	1110.1	1127.3	1115.9
75°	1367.6	1218.9	1110.1	1007.1	829.7	898.4	1144.5	1133.0	1058.6	1133.0	1104.4
77.5°	1030.0	984.2	961.3	892.7	726.7	795.4	1064.4	1041.5	944.2	949.9	898.4
80°	749.6	761.1	824.0	761.1	606.6	658.1	898.4	887.0	766.8	789.7	726.7
82.5°	537.9	566.5	703.8	612.3	440.6	469.2	618.0	669.5	600.8	566.5	578.0
85°	406.3	423.5	566.5	452.1	274.7	309.0	423.5	480.7	469.2	434.9	440.6
87.5°	171.7	194.6	263.2	211.7	160.2	160.2	263.2	337.6	303.3	257.5	268.9
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

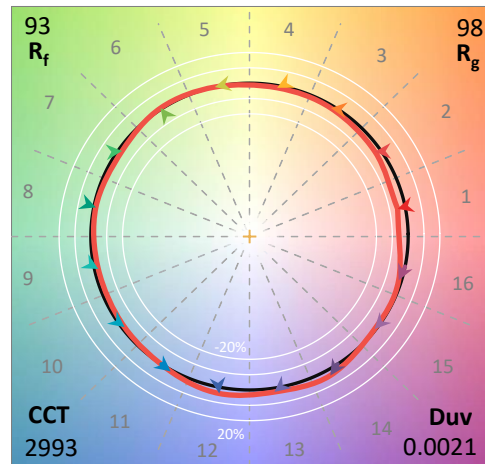
**Test Information**

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**

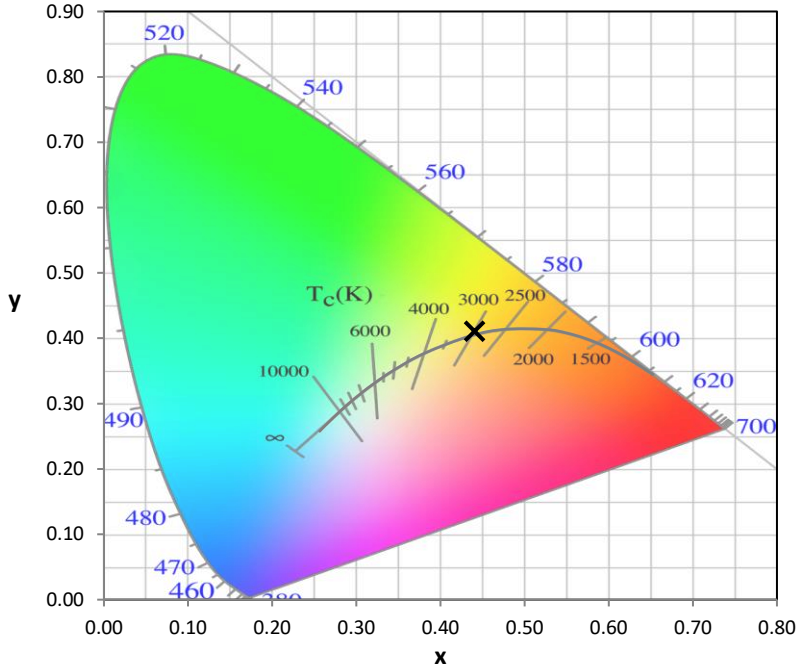
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 25.2

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

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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

REPORT NUMBER: SP1-2407-184-14

**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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**

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

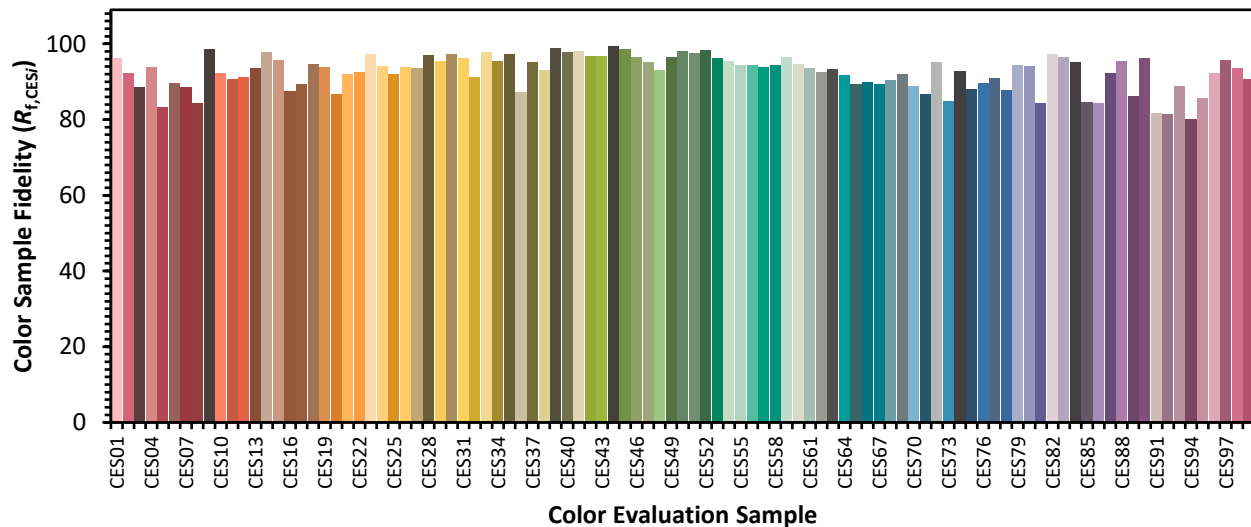


**Color Vector Graphics**

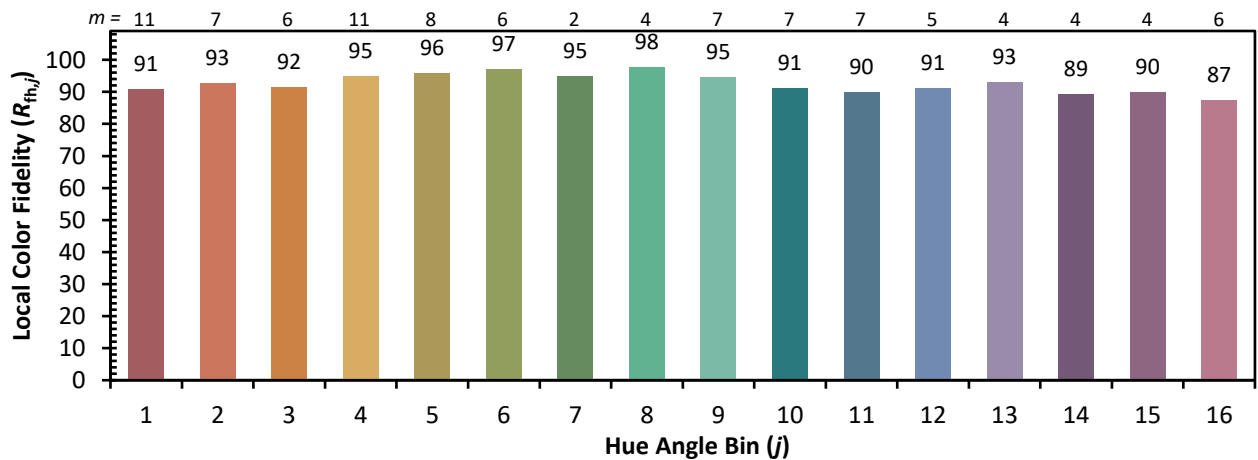
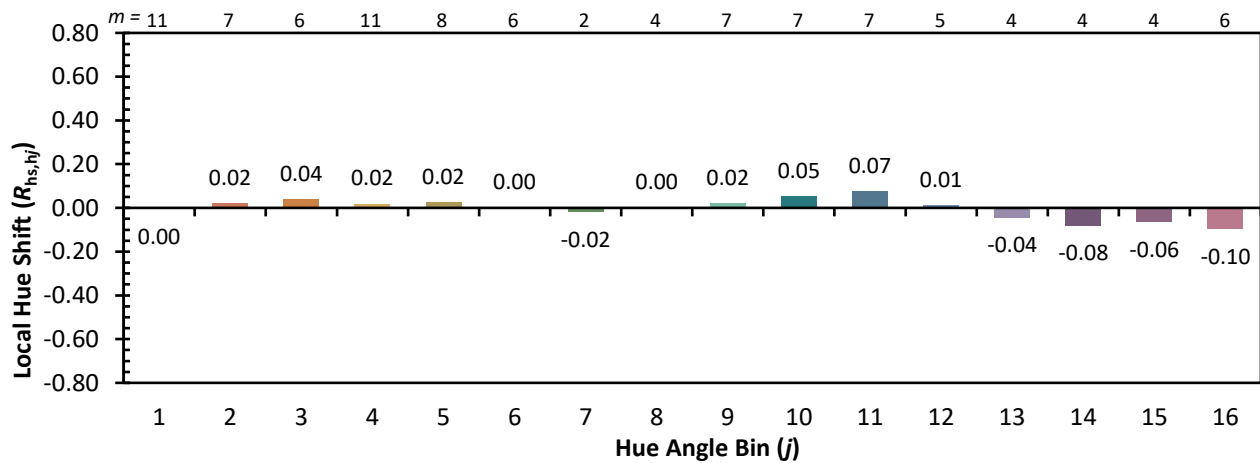
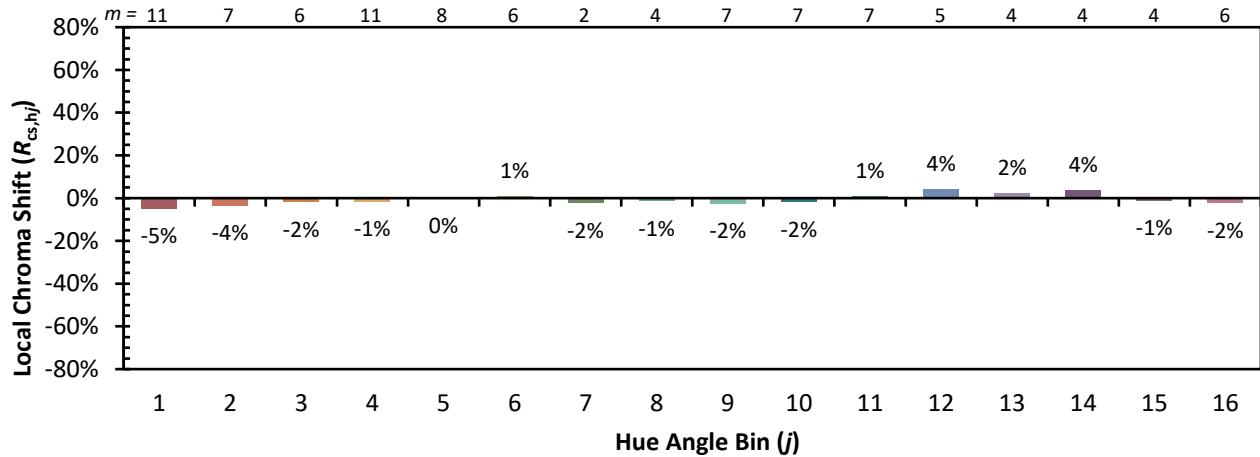


Individual Sample Fidelity Index ( $R_{f,i}$ )

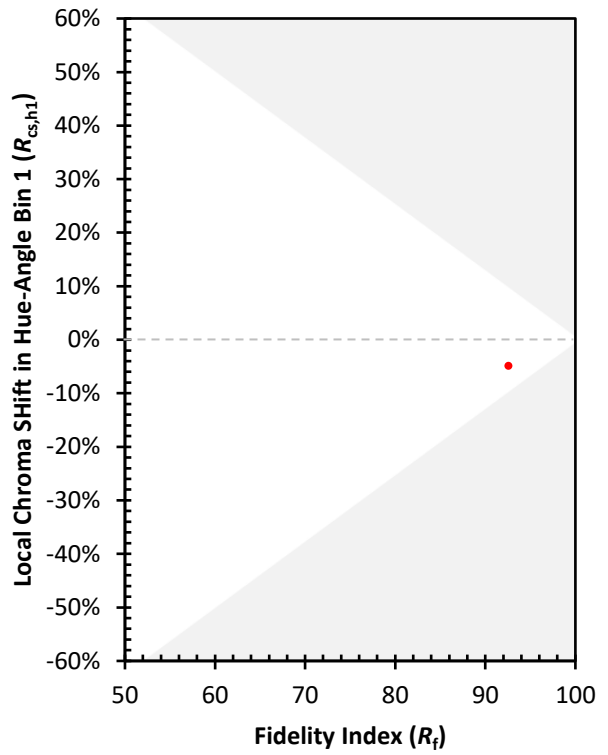
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82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