

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: P1457376

Luminaire Tested: GLAN-SB1B-930-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457376
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB1B-930-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 1xLight Square
PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source: (26) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3837.6 lumens
Efficiency: N/A
Efficacy: 96.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

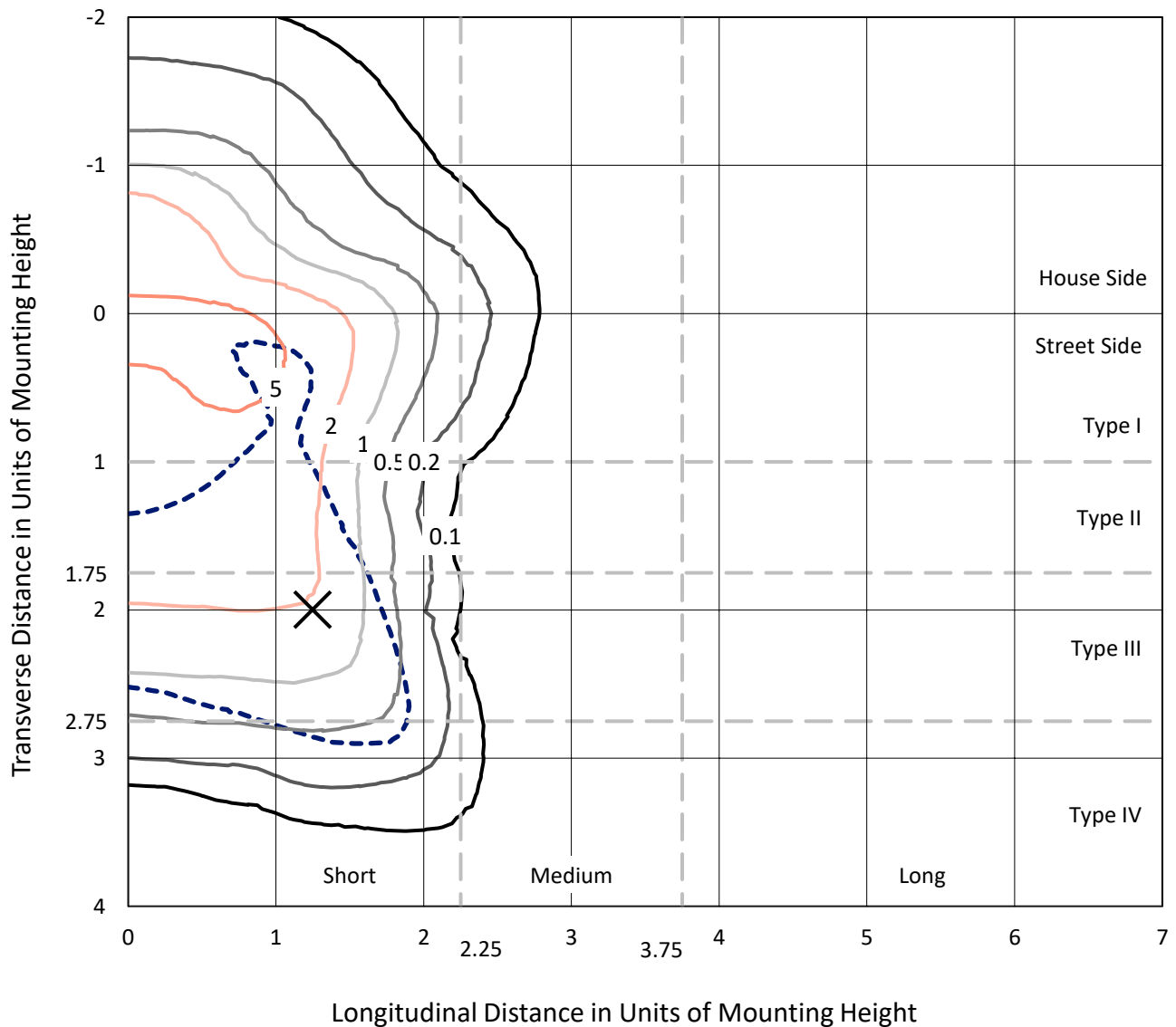
Input Watts (W): 39.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB1B-930-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

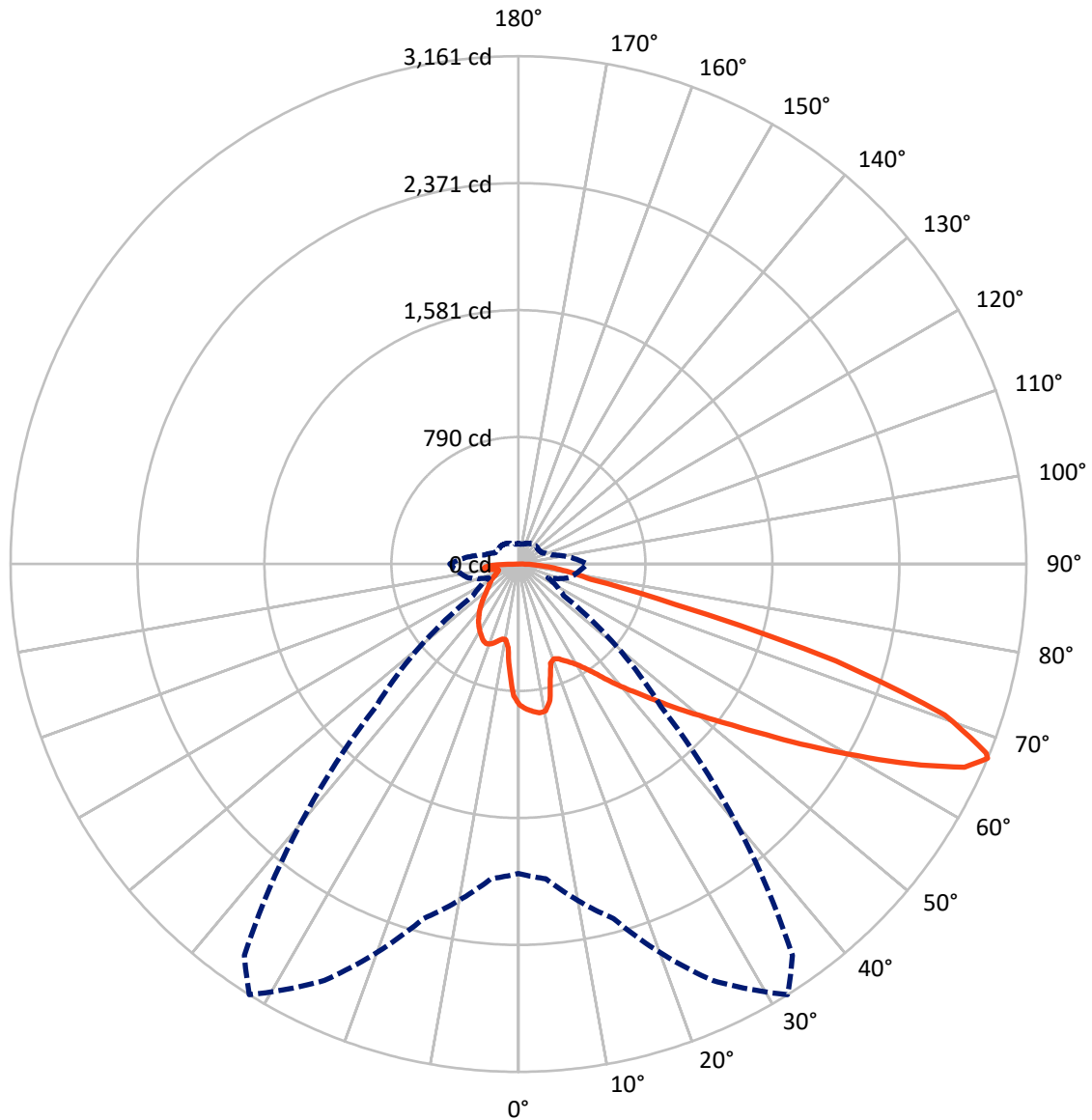


Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GLAN-SB1B-930-U-T4LG

Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	908.5	0.0	908.5
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	2929.1	0.0	2929.1
	% Fixture	76.3	0.0	76.3
Total	Lumens	3837.6	0.0	3837.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.6	2.0
10°-20°	203.4	5.3
20°-30°	332.2	8.7
30°-40°	489.6	12.8
40°-50°	675.2	17.6
50°-60°	853.0	22.2
60°-70°	825.5	21.5
70°-80°	294.6	7.7
80°-90°	87.5	2.3
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°	3837.6	100.0
0°-180°	3837.6	100.0



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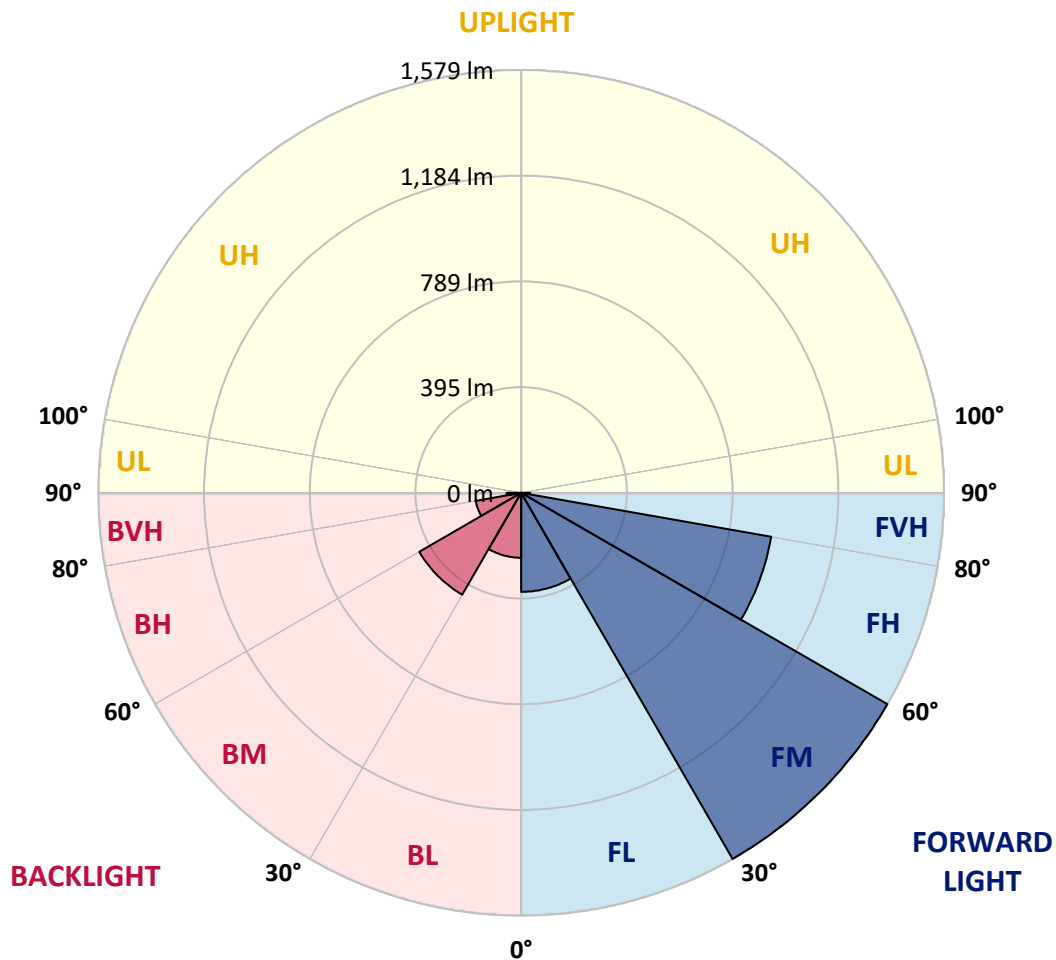
CATALOG NUMBER: GLAN-SB1B-930-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	369.8	9.6			
FM	(30°-60°)	1578.5	41.1			
FH	(60°-80°)	947.8	24.7			G1/1800
FVH	(80°-90°)	33.0	0.9			G1/100
BL	(0°-30°)	242.4	6.3	B1/500		
BM	(30°-60°)	439.2	11.4	B1/1000		
BH	(60°-80°)	172.3	4.5	B1/500		G1/500
BVH	(80°-90°)	54.5	1.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	876.8	876.8	876.8	876.8	876.8	876.8	876.8	876.8	876.8	876.8	876.8
2.5°	910.1	907.5	904.9	906.6	903.2	902.4	898.1	896.4	891.3	890.5	881.1
5°	928.8	923.7	922.8	924.5	921.1	921.1	917.7	915.2	907.5	903.2	889.6
7.5°	928.8	927.9	929.7	935.6	936.5	936.5	936.5	937.3	929.7	923.7	902.4
10°	876.0	867.4	886.2	916.0	930.5	939.0	954.4	963.7	957.8	953.5	924.5
12.5°	718.3	719.2	749.0	812.9	870.9	895.6	959.5	993.6	996.1	989.3	952.7
15°	609.3	613.5	628.9	674.9	741.3	778.0	929.7	1020.0	1040.4	1033.6	986.7
17.5°	576.0	578.6	585.4	611.8	649.3	679.1	848.7	1037.0	1094.1	1085.6	1025.1
20°	570.9	572.6	581.1	603.3	628.9	645.9	766.0	1023.4	1144.4	1141.0	1060.0
22.5°	571.8	573.5	584.5	615.2	641.6	656.1	739.6	991.9	1197.2	1200.6	1095.8
25°	573.5	574.3	591.4	632.3	665.5	683.4	756.7	963.7	1241.5	1270.5	1135.0
27.5°	582.8	585.4	608.4	654.4	693.6	714.1	796.7	973.1	1290.1	1349.7	1181.9
30°	608.4	610.1	638.2	686.0	728.6	749.9	844.4	1010.6	1349.7	1431.5	1227.9
32.5°	648.5	650.2	682.5	732.0	778.0	803.5	906.6	1082.2	1416.2	1517.6	1273.9
35°	703.8	704.7	741.3	794.2	842.7	871.7	979.1	1163.1	1485.2	1590.9	1308.0
37.5°	769.5	775.4	812.9	868.3	925.4	951.8	1064.3	1257.7	1546.6	1653.1	1327.6
40°	859.8	861.5	898.1	951.8	1012.3	1037.9	1149.5	1347.2	1613.9	1689.7	1345.5
42.5°	952.7	967.1	997.8	1057.5	1102.6	1123.1	1246.6	1429.0	1667.6	1691.4	1337.8
45°	1077.1	1088.1	1118.8	1171.7	1216.8	1240.7	1351.4	1504.0	1694.9	1677.0	1320.8
47.5°	1219.4	1226.2	1250.9	1298.6	1348.9	1365.9	1460.5	1546.6	1705.1	1666.7	1313.1
50°	1387.2	1387.2	1405.1	1446.0	1492.0	1515.9	1561.1	1572.1	1734.9	1648.8	1332.7
52.5°	1528.7	1535.5	1559.4	1617.3	1663.3	1690.6	1639.5	1611.3	1674.4	1549.1	1338.7
55°	1664.2	1671.8	1725.5	1798.0	1876.4	1906.2	1737.5	1591.7	1470.7	1403.4	1297.8
57.5°	1793.7	1809.9	1877.2	2018.7	2137.1	2134.5	1861.9	1416.2	1200.6	1242.4	1208.3
60°	1974.3	1991.4	2098.8	2276.8	2421.7	2361.2	1863.6	1178.5	935.6	991.9	1040.4
62.5°	2125.2	2154.1	2311.8	2608.3	2741.2	2646.7	1709.3	902.4	621.2	691.9	804.4
65°	2111.5	2149.9	2394.4	2852.0	3050.6	2962.8	1483.5	570.9	320.4	472.9	563.2
67°	1925.8	1967.5	2284.5	2860.5	3161.3	2973.9	1252.6	345.1	203.7	328.1	391.1
67.5°	1819.3	1880.6	2230.0	2844.3	3140.9	2927.0	1148.6	288.9	191.7	305.1	356.2
70°	1118.8	1217.7	1673.5	2514.6	2815.4	2449.8	638.2	163.6	155.9	204.5	246.3
72.5°	336.6	366.4	645.9	1613.0	2066.4	1815.9	287.2	126.1	139.7	164.5	190.0
75°	163.6	174.7	266.7	659.5	1006.3	1001.2	160.2	108.2	129.5	138.0	150.0
77.5°	104.8	111.6	166.2	369.0	461.0	410.7	115.9	94.6	115.0	113.3	111.6
80°	65.6	69.0	106.5	213.9	340.0	283.8	85.2	77.5	98.8	87.8	79.2
82.5°	42.6	46.9	68.2	130.4	242.9	211.3	56.2	55.4	81.8	69.9	61.4
85°	28.1	31.5	43.5	76.7	144.0	150.8	36.6	38.3	63.1	52.8	46.9
87.5°	10.2	12.8	22.2	34.1	67.3	83.5	15.3	14.5	30.7	24.7	19.6
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-SB1B-930-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	876.8	876.8	876.8	876.8	876.8	876.8	876.8	876.8	876.8	876.8	876.8
2.5°	879.4	876.8	864.9	854.7	847.0	836.8	825.7	812.9	804.4	806.1	803.5
5°	883.6	876.8	853.8	818.9	784.8	742.2	687.7	655.3	630.6	617.8	621.2
7.5°	893.0	881.1	832.5	761.8	673.2	586.3	532.6	501.9	487.4	481.4	480.6
10°	909.2	888.8	805.2	673.2	557.3	498.5	478.9	470.4	468.7	468.7	467.8
12.5°	928.8	896.4	759.2	587.1	501.9	480.6	477.2	478.0	480.6	483.1	478.9
15°	952.7	899.8	702.1	535.1	490.8	485.7	490.8	496.8	501.0	504.5	500.2
17.5°	976.5	896.4	648.5	510.4	492.5	499.3	509.6	518.9	521.5	526.6	523.2
20°	993.6	884.5	602.4	501.0	496.8	512.1	524.9	535.1	540.2	543.6	540.2
22.5°	1006.3	869.2	569.2	491.7	496.8	515.5	530.9	542.8	548.8	552.2	547.9
25°	1017.4	847.9	543.6	478.0	486.6	504.5	521.5	533.4	541.9	547.1	544.5
27.5°	1031.1	830.8	519.8	457.6	465.3	482.3	500.2	514.7	530.9	539.4	537.7
30°	1046.4	822.3	496.8	435.4	440.5	457.6	478.9	498.5	520.6	531.7	531.7
32.5°	1064.3	816.3	475.5	414.1	418.4	437.1	457.6	475.5	499.3	517.2	516.4
35°	1072.0	809.5	458.4	394.5	403.0	418.4	434.6	446.5	471.2	492.5	494.2
37.5°	1079.6	806.9	449.9	379.2	386.0	397.9	406.5	412.4	435.4	457.6	458.4
40°	1089.0	818.9	455.9	369.0	363.0	374.9	379.2	382.6	394.5	409.0	409.0
42.5°	1083.0	827.4	469.5	359.6	334.9	348.5	350.2	349.4	350.2	351.1	350.2
45°	1067.7	818.9	469.5	345.1	305.1	319.5	318.7	314.4	307.6	289.7	287.2
47.5°	1064.3	813.8	451.6	321.2	275.2	287.2	288.9	280.3	260.7	242.0	236.0
50°	1078.8	823.1	423.5	292.3	249.7	259.9	264.2	249.7	227.5	207.9	204.5
52.5°	1100.1	835.1	382.6	260.7	228.4	238.6	243.7	227.5	204.5	189.2	187.5
55°	1097.5	835.1	336.6	231.8	212.2	219.8	228.4	211.3	193.4	184.9	184.1
57.5°	1042.1	803.5	302.5	211.3	196.8	203.7	214.7	198.5	181.5	183.2	185.8
60°	933.9	721.7	276.9	197.7	183.2	190.0	202.0	183.2	161.0	155.1	155.1
62.5°	769.5	594.8	256.5	184.1	170.4	178.9	184.9	160.2	145.7	138.9	138.9
65°	576.9	460.1	235.2	173.0	159.3	168.7	161.9	150.0	135.5	130.4	131.2
67°	427.8	357.0	217.3	163.6	152.5	156.8	151.7	143.2	128.7	124.4	128.7
67.5°	384.3	339.1	213.0	161.0	150.8	154.2	149.1	142.3	127.0	122.7	127.0
70°	264.2	260.7	190.0	149.1	141.5	138.0	140.6	132.1	119.3	117.6	121.9
72.5°	201.1	207.9	170.4	138.9	131.2	127.0	132.9	124.4	111.6	114.2	118.4
75°	157.6	167.9	152.5	124.4	119.3	120.1	132.1	128.7	118.4	121.0	121.9
77.5°	116.7	135.5	130.4	108.2	104.0	115.9	149.1	159.3	141.5	137.2	131.2
80°	85.2	97.1	109.9	89.5	86.9	111.6	184.1	203.7	174.7	157.6	153.4
82.5°	63.1	68.2	90.3	71.6	63.1	99.7	204.5	239.4	207.9	175.5	170.4
85°	45.2	52.8	71.6	52.8	41.8	81.8	200.2	234.3	206.2	166.2	161.9
87.5°	16.2	23.0	30.7	23.9	21.3	56.2	165.3	168.7	128.7	58.8	59.6
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

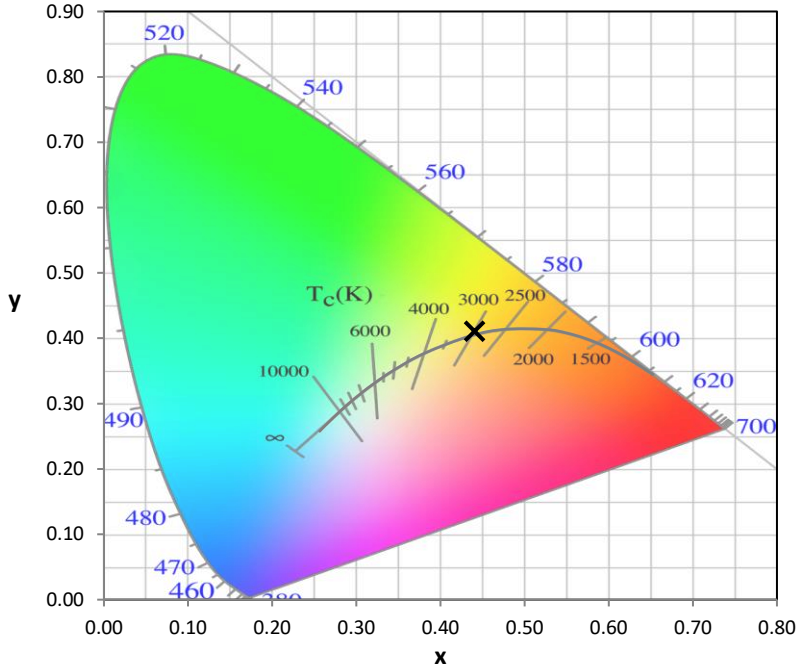
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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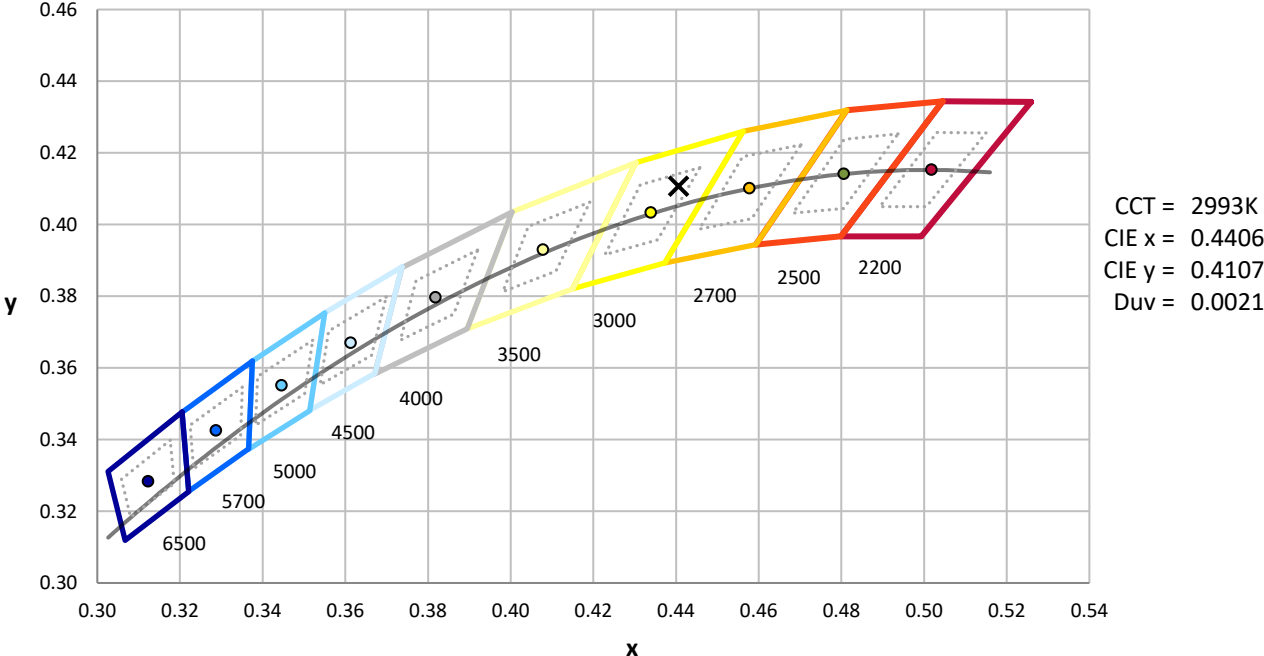
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

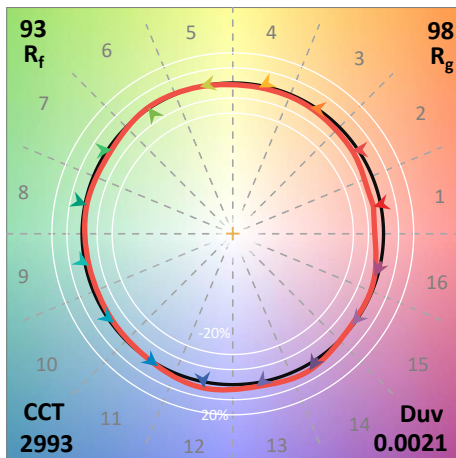
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379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

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

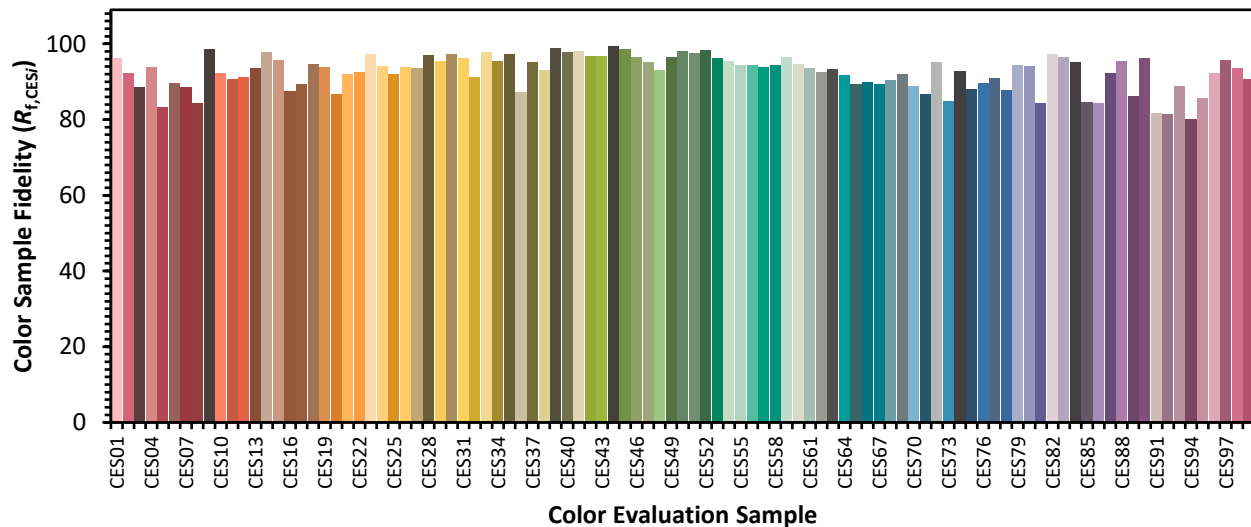


Color Vector Graphics

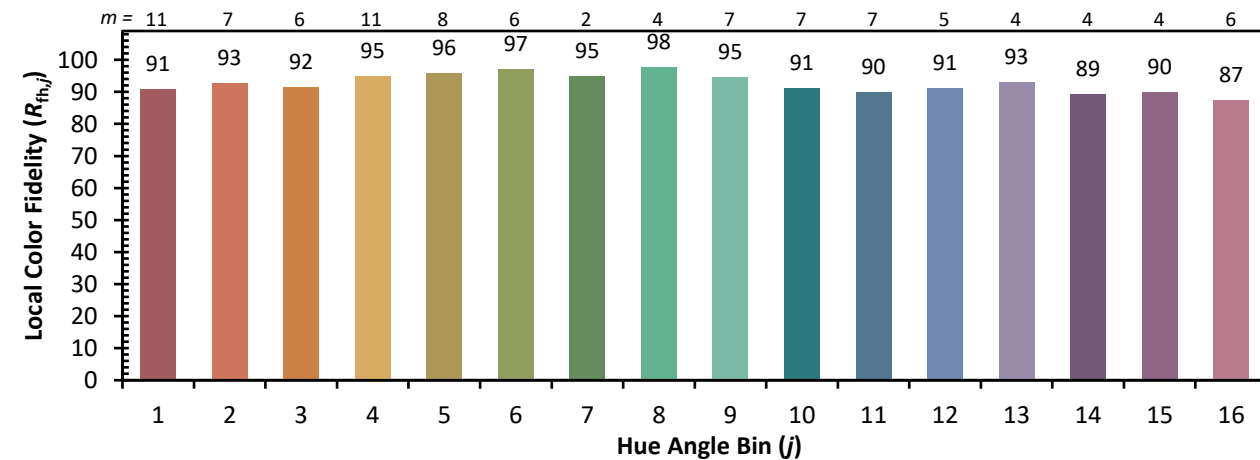
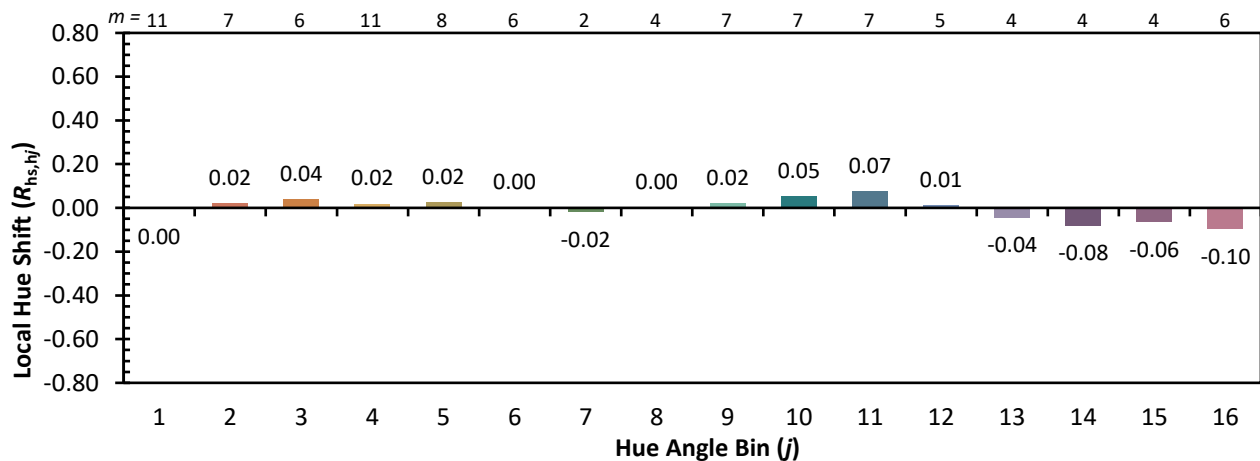
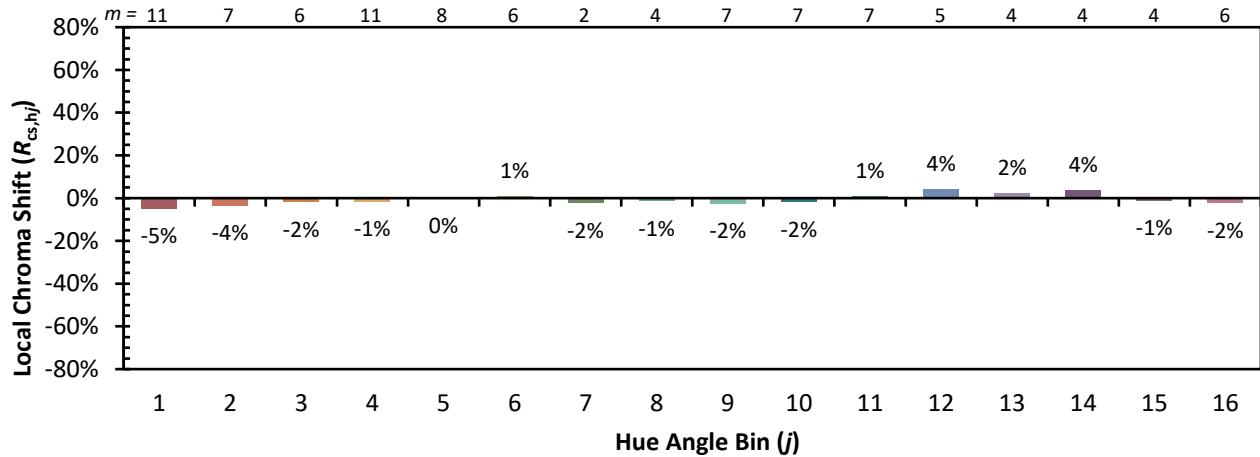


Individual Sample Fidelity Index ($R_{f,i}$)

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)