

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: P1459132

Luminaire Tested: GLAN-SB8B-930-U-T4LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1459132
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB8B-930-U-T4LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 8xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (208) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

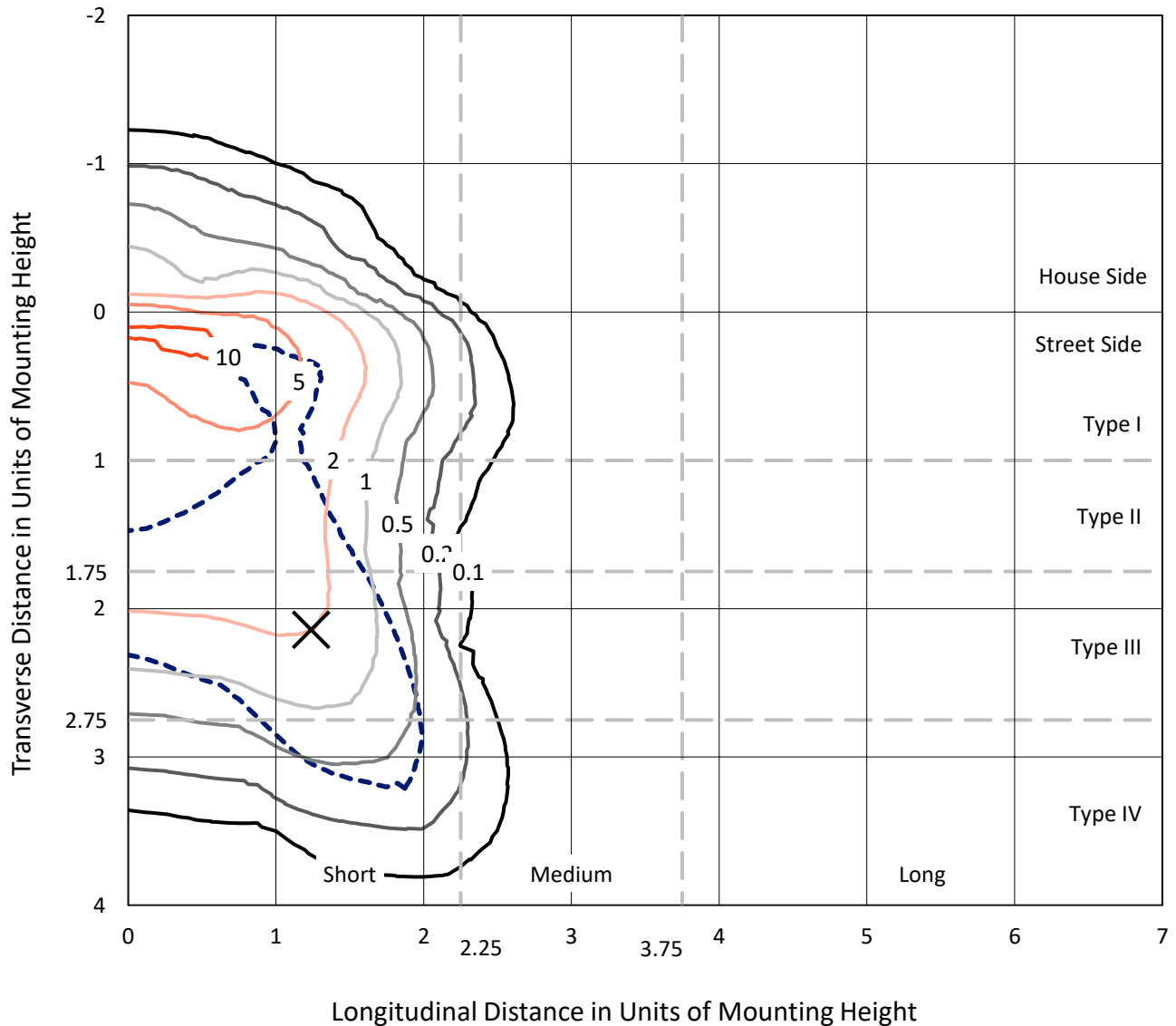
Lumens per Lamp: N/A
Luminaire Lumens: 22985.4 lumens
Efficiency: N/A
Efficacy: 78.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 292.8
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

REPORT NUMBER: P1459132
 CATALOG NUMBER: GLAN-SB8B-930-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination

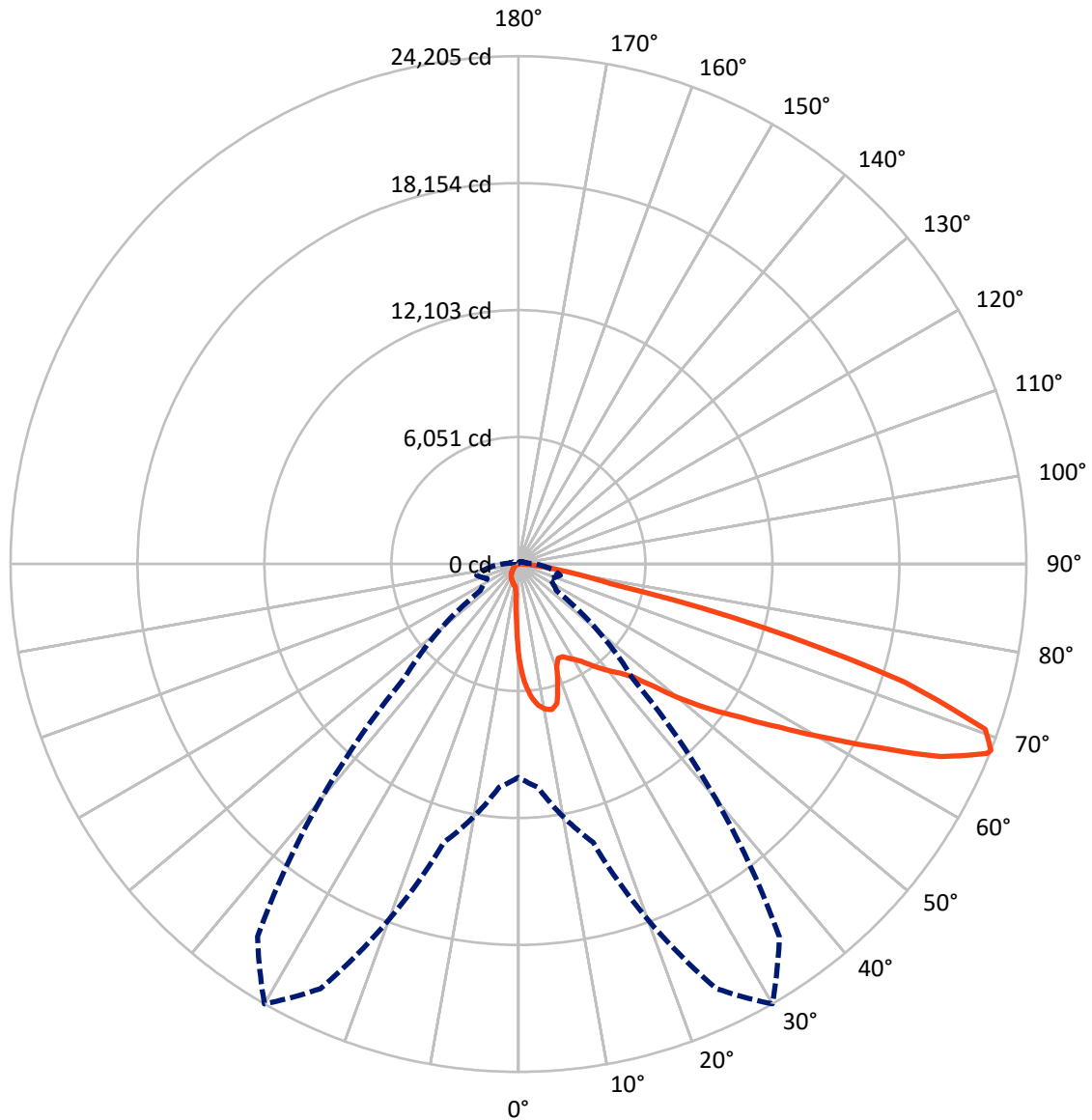
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.1 fc
 Type IV - Short - N/A

REPORT NUMBER: P1459132
CATALOG NUMBER: GLAN-SB8B-930-U-T4LG-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

REPORT NUMBER: P1459132

CATALOG NUMBER: GLAN-SB8B-930-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1754.4	0.0	1754.4
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	21231.0	0.0	21231.0
	% Fixture	92.4	0.0	92.4
Total	Lumens	22985.4	0.0	22985.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	391.1	1.7
10°-20°	1116.6	4.9
20°-30°	1754.6	7.6
30°-40°	2752.0	12.0
40°-50°	4113.4	17.9
50°-60°	5472.2	23.8
60°-70°	5289.9	23.0
70°-80°	1901.5	8.3
80°-90°	194.1	0.8
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°	22985.4	100.0
0°-180°	22985.4	100.0



REPORT NUMBER: P1459132

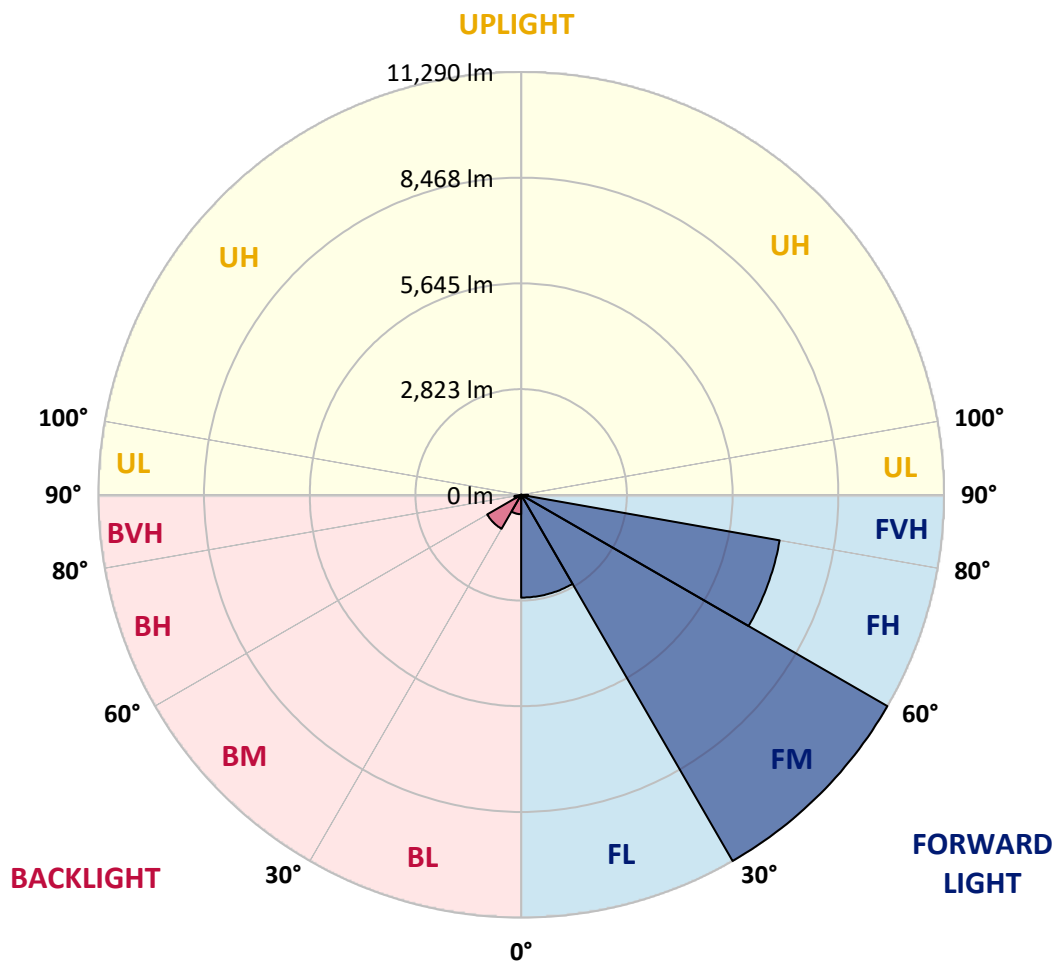
CATALOG NUMBER: GLAN-SB8B-930-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	2744.5	11.9			
FM (30°-60°)	11290.4	49.1			
FH (60°-80°)	7009.0	30.5			G3/7500
FVH (80°-90°)	187.2	0.8			G2/225
BL (0°-30°)	517.8	2.3	B2/1000		
BM (30°-60°)	1047.2	4.6	B2/2500		
BH (60°-80°)	182.5	0.8	B1/500		G1/500
BVH (80°-90°)	6.9	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-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4
2.5°	5793.0	5793.0	5751.7	5696.6	5634.6	5613.9	5496.8	5331.5	5159.3	4959.5	4670.2
5°	6536.9	6530.0	6447.4	6447.4	6364.7	6288.9	6171.8	5930.8	5655.2	5297.0	4794.2
7.5°	6867.6	6881.3	6846.9	6846.9	6798.7	6743.6	6674.7	6440.5	6116.7	5634.6	4918.2
10°	6984.7	6991.5	6991.5	7039.8	7026.0	7019.1	7012.2	6881.3	6543.8	5979.0	5049.1
12.5°	6702.2	6736.7	6833.1	7046.6	7115.5	7191.3	7294.6	7253.3	7019.1	6412.9	5248.8
15°	5793.0	5799.9	6068.5	6598.9	6881.3	7170.6	7570.2	7652.8	7501.3	6881.3	5455.5
17.5°	4780.4	4801.1	5014.6	5607.0	6061.6	6729.8	7728.6	8066.1	8011.0	7342.8	5648.3
20°	4360.2	4387.8	4491.1	4863.1	5207.5	5827.4	7570.2	8458.7	8479.4	7804.4	5827.4
22.5°	4263.8	4284.5	4367.1	4656.4	4870.0	5283.3	7032.9	8768.7	9009.8	8334.7	6041.0
25°	4236.3	4256.9	4380.9	4697.8	4897.5	5241.9	6543.8	8934.0	9636.6	8885.8	6247.6
27.5°	4215.6	4243.1	4442.9	4849.3	5083.5	5414.1	6454.3	8968.5	10235.9	9471.3	6585.1
30°	4243.1	4284.5	4546.2	5007.7	5276.4	5648.3	6667.8	9002.9	10897.2	10139.5	7012.2
32.5°	4353.4	4387.8	4704.7	5221.3	5531.2	5951.4	7032.9	9209.5	11524.0	10821.4	7418.6
35°	4477.3	4525.6	4904.4	5524.4	5896.3	6371.6	7528.8	9616.0	12123.3	11468.9	7838.8
37.5°	4628.9	4684.0	5138.6	5868.8	6295.8	6833.1	8066.1	10180.8	12653.7	11999.3	8259.0
40°	4835.5	4897.5	5407.3	6233.8	6695.3	7232.6	8596.5	10738.7	13060.1	12316.1	8534.5
42.5°	5648.3	5731.0	5944.5	6592.0	7108.6	7659.7	9120.0	11269.1	13211.6	12419.5	8589.6
45°	7163.7	7246.4	7191.3	7315.3	7659.7	8176.3	9691.7	11778.9	13232.3	12391.9	8562.1
47.5°	8686.0	8782.5	8734.3	8665.4	8741.1	8989.1	10332.3	12102.6	13122.1	12378.1	8562.1
50°	10139.5	10084.4	10091.2	10070.6	10139.5	10270.3	10952.3	12164.6	13094.5	12509.0	8637.8
52.5°	10917.8	10945.4	11117.6	11372.4	11524.0	11654.9	11661.8	12261.0	12894.7	12288.6	8548.3
55°	11682.4	11737.5	12137.0	12571.0	12908.5	13156.5	12371.2	12199.0	11703.1	11551.5	8079.9
57.5°	12543.4	12619.2	13184.0	14079.5	14671.9	14802.8	13073.8	11041.8	9905.3	10497.6	7170.6
60°	13728.2	13817.8	14568.6	15911.8	16793.5	16524.8	13128.9	9202.7	7866.3	8713.6	5917.0
62.5°	14658.1	14837.2	16194.2	18288.2	19259.5	18405.3	12102.6	7053.5	5496.8	6123.6	4318.9
65°	13666.2	14010.6	16221.8	21009.1	22131.8	20616.4	10490.8	4814.9	3099.7	3960.7	2762.2
67.5°	11048.7	11530.9	14403.3	22331.6	24101.9	21780.5	8259.0	2555.5	1777.2	2300.7	1453.4
68°	10167.0	10690.5	13735.1	22331.6	24205.2	21677.2	7666.6	2211.1	1639.4	2066.5	1260.5
70°	7026.0	7397.9	10559.6	21077.9	23599.0	19762.3	5049.1	1267.4	1233.0	1419.0	833.5
72.5°	3444.1	3843.6	5648.3	16703.9	19225.0	15188.5	2300.7	840.4	936.8	1040.1	654.4
75°	1370.8	1453.4	2224.9	8238.3	12013.1	9691.7	1205.4	633.7	805.9	812.8	516.6
77.5°	785.3	833.5	1233.0	3030.8	4504.9	4332.7	778.4	454.6	640.6	585.5	337.5
80°	440.8	447.7	695.7	1598.1	2576.2	2307.6	530.4	330.6	489.1	413.3	227.3
82.5°	220.4	248.0	440.8	881.7	1432.7	1467.2	282.4	234.2	392.6	296.2	186.0
85°	158.4	172.2	316.9	489.1	661.3	991.9	172.2	117.1	296.2	199.8	130.9
87.5°	82.7	103.3	199.8	241.1	268.6	337.5	82.7	55.1	165.3	117.1	68.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1459132

CATALOG NUMBER: GLAN-SB8B-930-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4	4532.4
2.5°	4532.4	4374.0	4050.3	3671.4	3375.2	3072.1	2824.2	2590.0	2479.8	2466.0	2493.5
5°	4511.8	4167.4	3430.3	2707.1	2114.7	1701.4	1474.1	1357.0	1295.0	1267.4	1274.3
7.5°	4470.5	3946.9	2769.1	1832.3	1370.8	1191.7	1136.6	1115.9	1109.0	1109.0	1109.0
10°	4429.1	3650.8	2121.6	1343.2	1122.8	1074.6	1060.8	1060.8	1053.9	1053.9	1060.8
12.5°	4408.5	3375.2	1646.3	1122.8	1047.0	1026.3	1012.6	1005.7	1005.7	1005.7	1012.6
15°	4360.2	3072.1	1329.4	1040.1	998.8	971.2	964.4	957.5	957.5	957.5	957.5
17.5°	4318.9	2776.0	1157.2	985.0	950.6	923.0	916.1	909.2	909.2	916.1	916.1
20°	4256.9	2493.5	1040.1	929.9	902.4	874.8	867.9	861.0	867.9	867.9	867.9
22.5°	4181.1	2259.3	971.2	888.6	854.1	826.6	826.6	826.6	826.6	826.6	833.5
25°	4132.9	2094.0	923.0	840.4	805.9	785.3	778.4	778.4	792.1	792.1	799.0
27.5°	4208.7	2052.7	929.9	826.6	764.6	743.9	737.0	737.0	750.8	757.7	764.6
30°	4436.0	2128.5	1012.6	867.9	737.0	702.6	695.7	695.7	716.4	723.3	730.2
32.5°	4697.8	2286.9	1136.6	923.0	716.4	661.3	647.5	647.5	668.2	675.0	681.9
35°	5056.0	2534.9	1301.9	971.2	730.2	619.9	592.4	592.4	606.2	619.9	626.8
37.5°	5517.5	2941.3	1494.7	1005.7	730.2	571.7	537.3	530.4	544.2	544.2	551.1
40°	5999.6	3471.7	1694.5	1005.7	695.7	523.5	489.1	468.4	475.3	468.4	475.3
42.5°	6268.3	3898.7	1866.7	943.7	654.4	475.3	440.8	413.3	406.4	392.6	399.5
45°	6419.8	4091.6	1818.5	874.8	613.1	440.8	399.5	365.1	351.3	330.6	330.6
47.5°	6419.8	4112.3	1556.7	819.7	571.7	413.3	358.2	323.7	303.1	282.4	289.3
50°	6344.0	3926.3	1233.0	764.6	523.5	385.7	323.7	296.2	268.6	254.9	254.9
52.5°	6027.2	3320.1	943.7	695.7	468.4	351.3	289.3	261.8	234.2	227.3	227.3
55°	5483.0	2438.4	764.6	626.8	420.2	323.7	261.8	241.1	213.5	199.8	199.8
57.5°	4456.7	1666.9	633.7	564.8	372.0	289.3	234.2	213.5	179.1	165.3	165.3
60°	3306.3	1088.3	537.3	496.0	316.9	261.8	206.6	179.1	151.5	137.8	130.9
62.5°	2231.8	737.0	447.7	392.6	268.6	227.3	179.1	151.5	117.1	89.5	89.5
65°	1391.4	571.7	372.0	310.0	234.2	199.8	151.5	117.1	82.7	62.0	55.1
67.5°	799.0	461.5	303.1	241.1	199.8	158.4	117.1	96.4	68.9	48.2	41.3
68°	737.0	440.8	282.4	227.3	186.0	151.5	110.2	89.5	62.0	41.3	41.3
70°	599.3	392.6	241.1	186.0	158.4	124.0	96.4	75.8	48.2	27.6	27.6
72.5°	530.4	330.6	206.6	144.7	110.2	103.3	75.8	55.1	34.4	20.7	13.8
75°	434.0	261.8	165.3	110.2	75.8	75.8	55.1	34.4	13.8	0.0	0.0
77.5°	282.4	192.9	130.9	68.9	41.3	48.2	34.4	13.8	0.0	0.0	0.0
80°	186.0	144.7	89.5	34.4	20.7	20.7	6.9	0.0	0.0	0.0	0.0
82.5°	130.9	96.4	55.1	13.8	6.9	6.9	0.0	0.0	0.0	0.0	0.0
85°	82.7	41.3	20.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	34.4	13.8	6.9	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

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

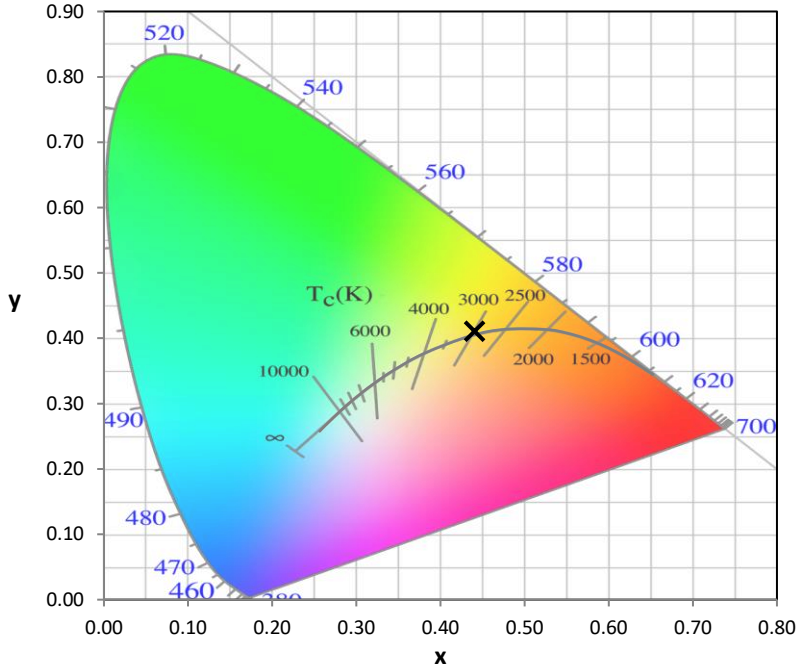
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

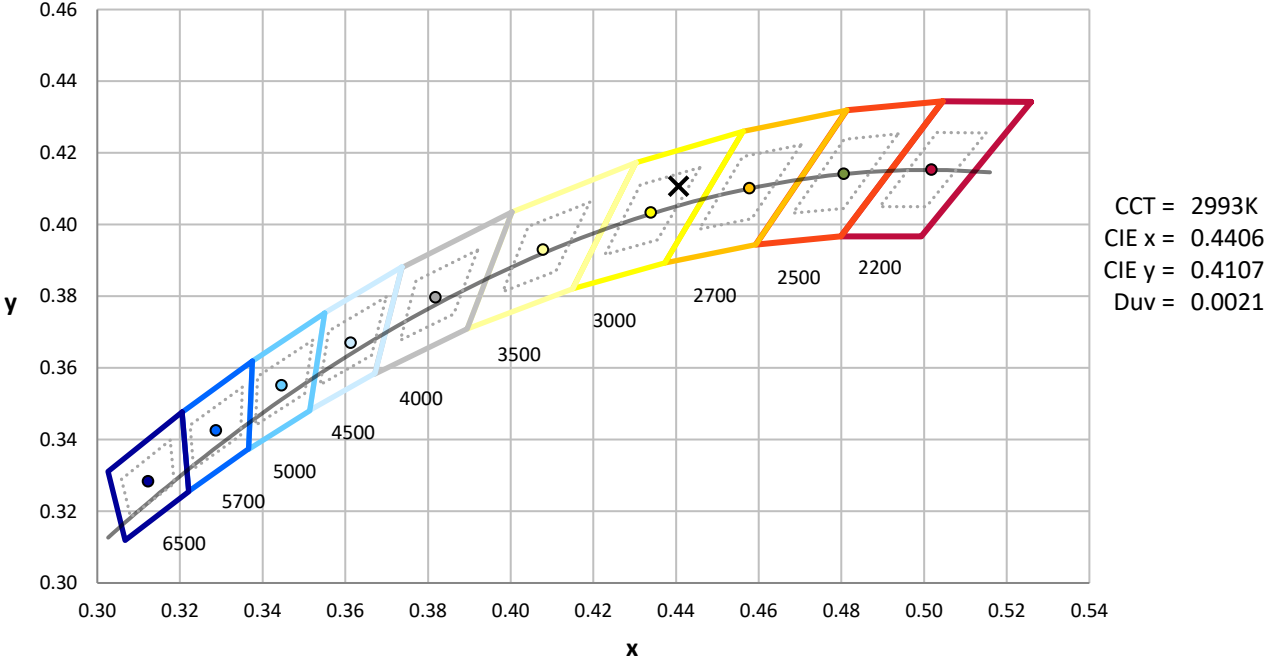
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

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

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			

REPORT NUMBER: SP1-2407-184-14

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			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

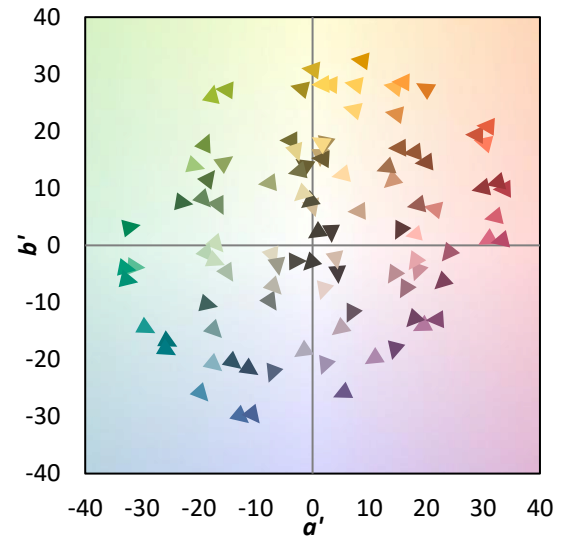
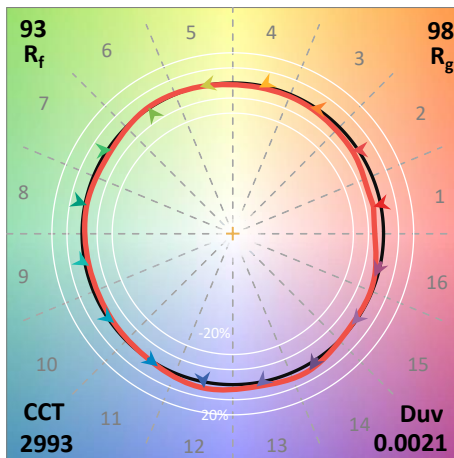
λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500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

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

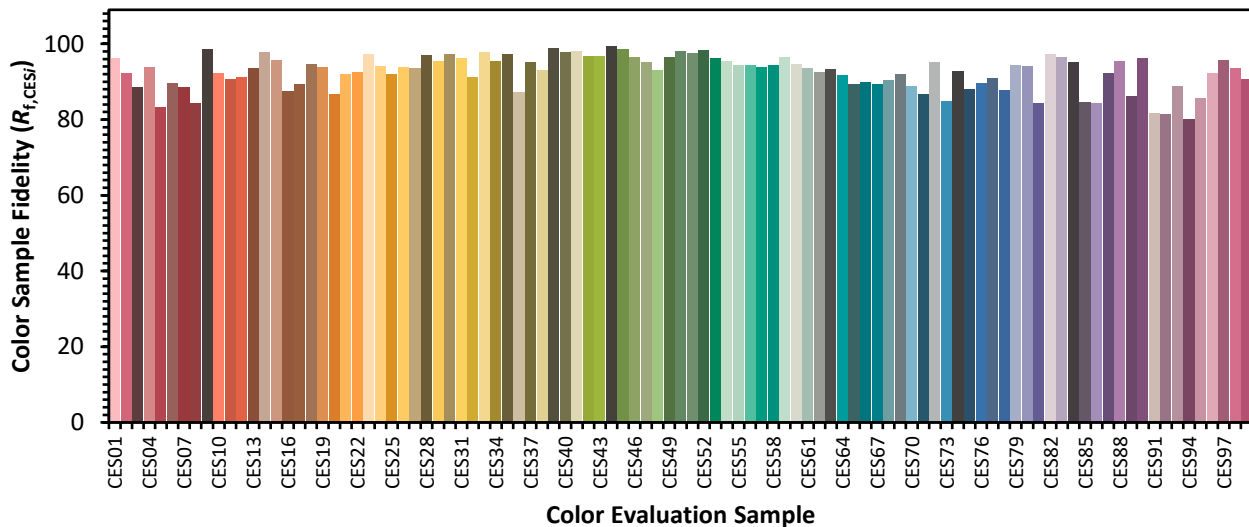


Color Vector Graphics

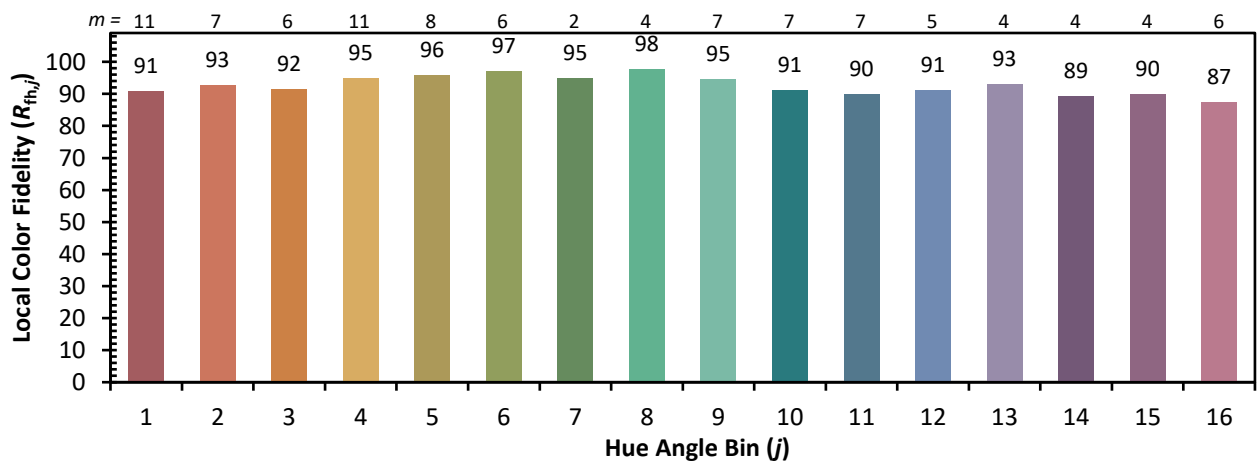
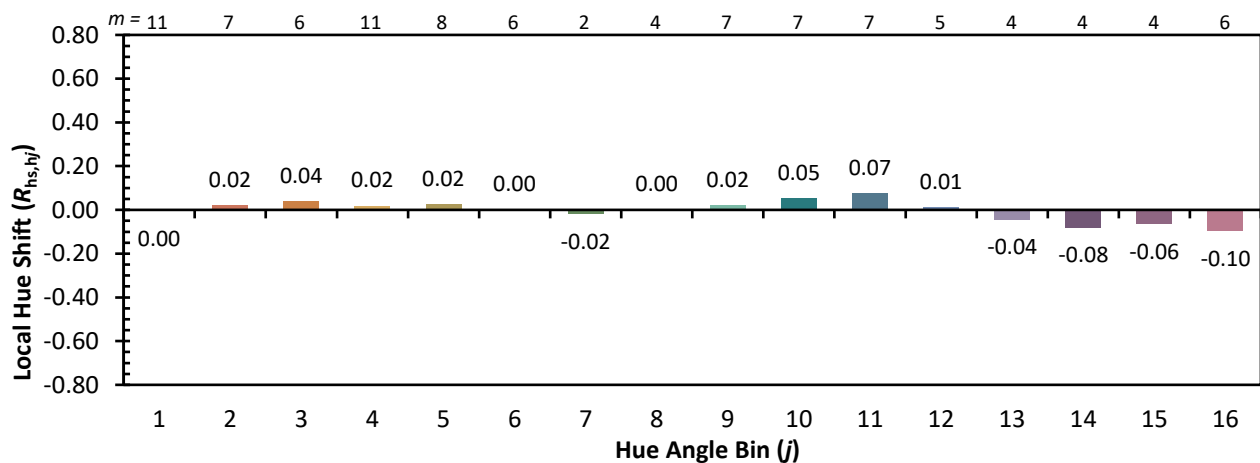
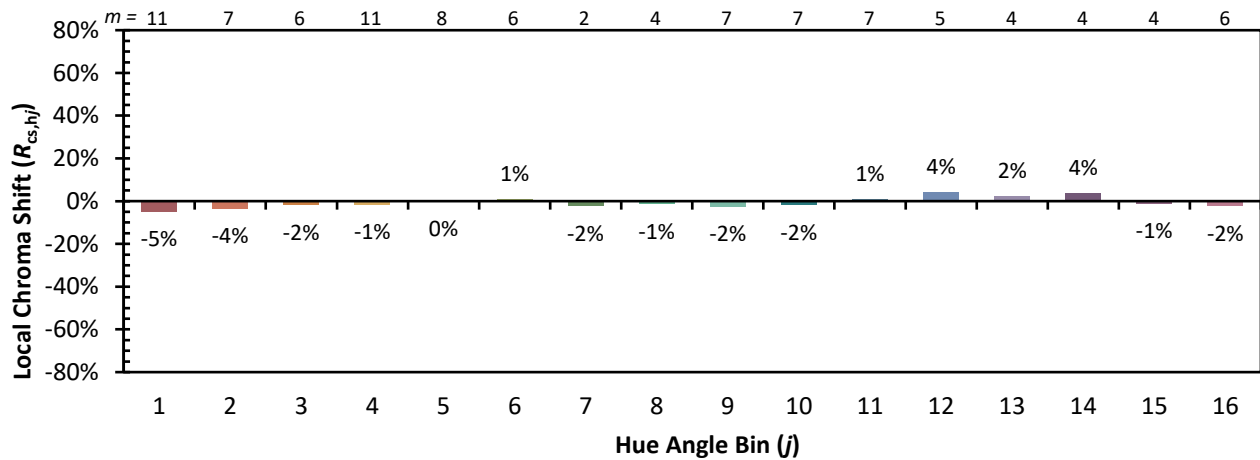


Individual Sample Fidelity Index ($R_{f,i}$)

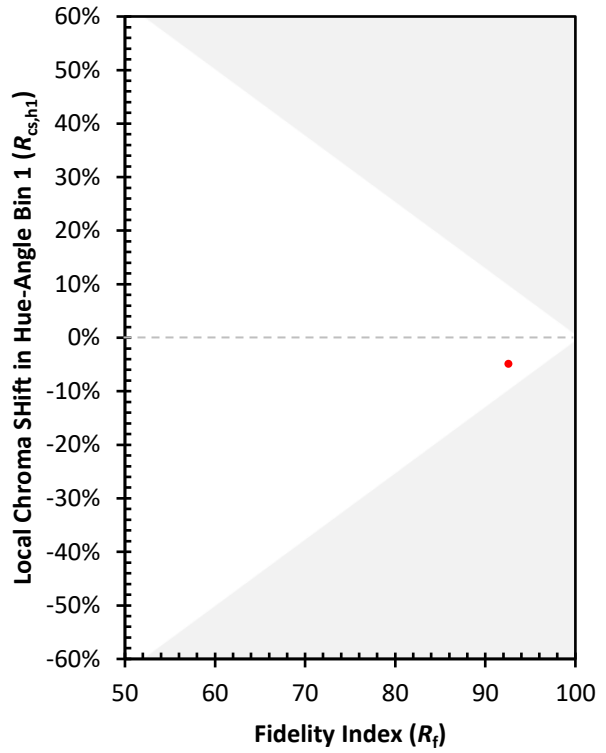
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82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