

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P1063025

Luminaire Tested: **GLAN-SA5A-840-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063025
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5A-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16993 lumens
Efficiency: N/A
Efficacy: 124.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 136.6
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

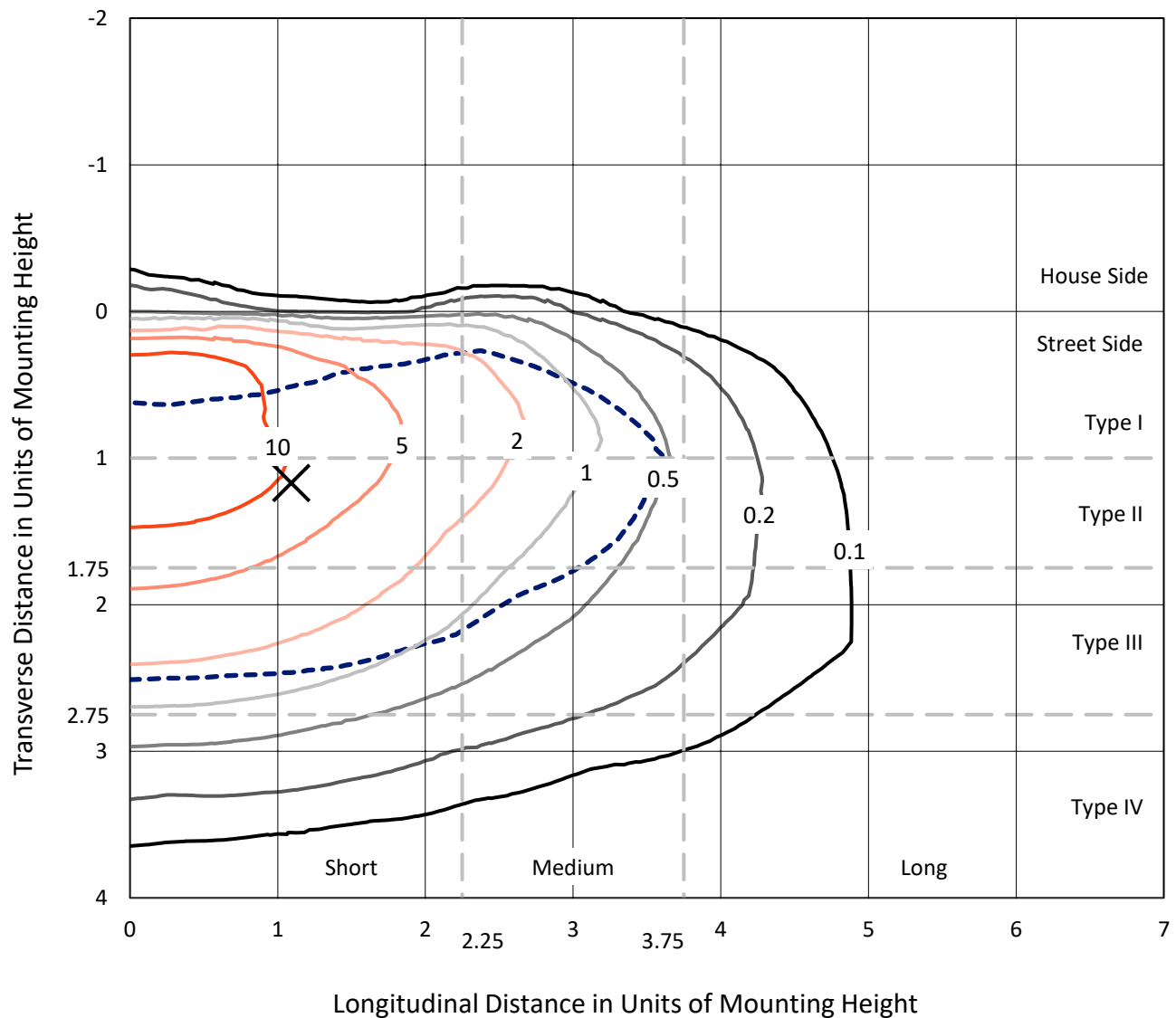


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

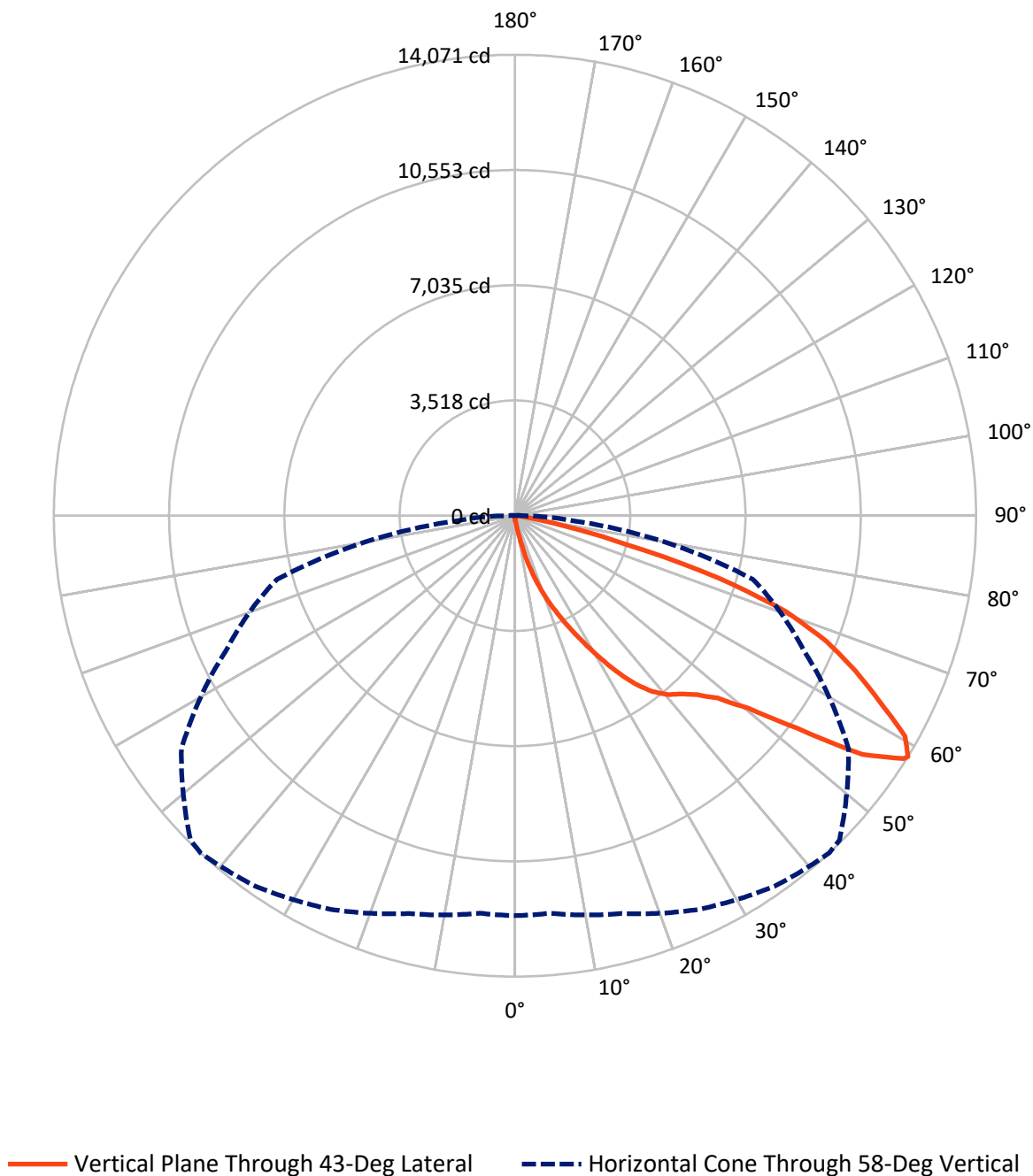


Based on 15 foot mounting height. Maximum calculated value = 19.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.0	0.0	62.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16931.0	0.0	16931.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	16993.0	0.0	16993.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.3	0.1
10°-20°	195.3	1.1
20°-30°	704.0	4.1
30°-40°	1610.8	9.5
40°-50°	2716.8	16.0
50°-60°	4483.4	26.4
60°-70°	5010.9	29.5
70°-80°	2068.9	12.2
80°-90°	186.5	1.1
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°	16993.0	100.0
0°-180°	16993.0	100.0



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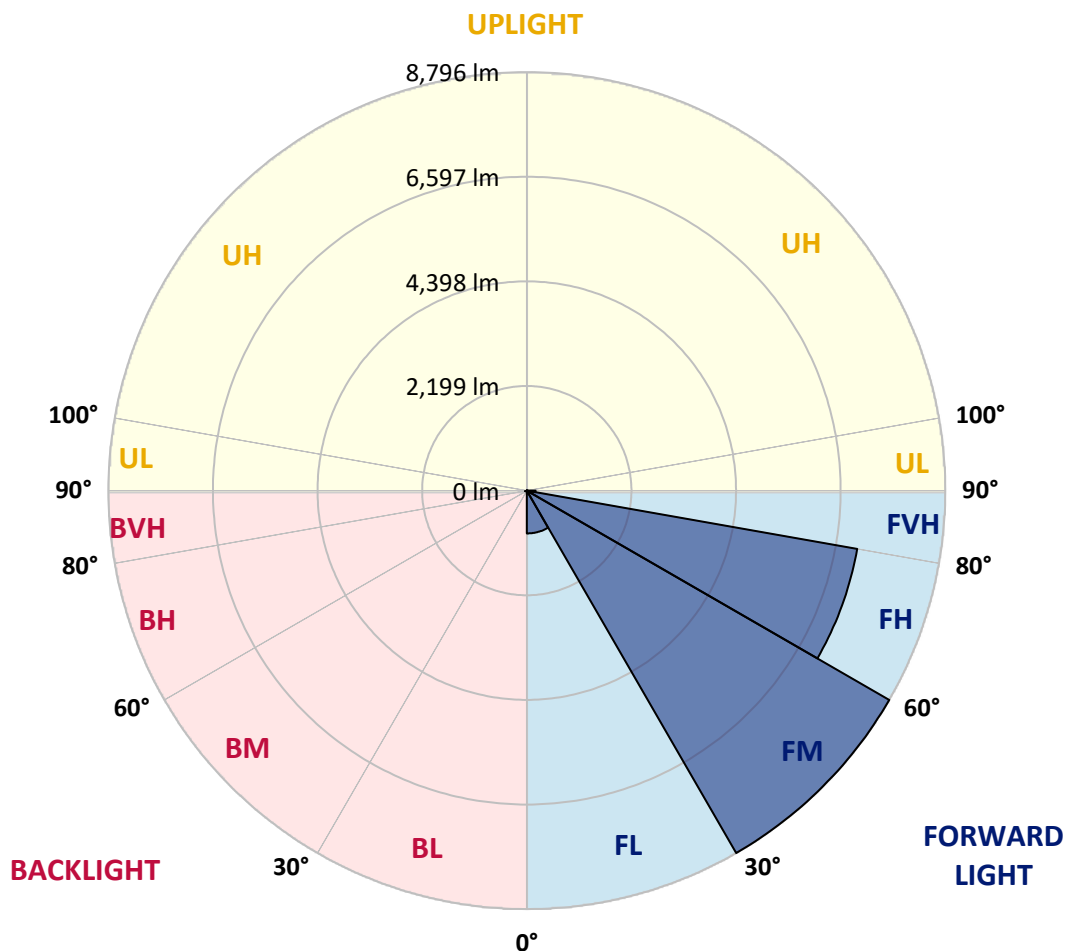
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	899.5	5.3			
FM	(30°-60°)	8796.2	51.8			
FH	(60°-80°)	7051.3	41.5			G3/7500
FVH	(80°-90°)	184.0	1.1			G2/225
BL	(0°-30°)	16.2	0.1	B0/110		
BM	(30°-60°)	14.9	0.1	B0/220		
BH	(60°-80°)	28.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CATALOG NUMBER: GLAN-SA5A-840-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1
2.5°	133.3	137.8	133.3	133.3	133.3	128.9	128.9	124.4	124.4	120.0	115.6
5°	195.6	195.6	182.2	173.3	164.4	160.0	155.6	146.7	137.8	128.9	120.0
7.5°	435.5	435.5	395.5	342.2	271.1	231.1	222.2	182.2	155.6	137.8	120.0
10°	1040.0	1040.0	951.1	804.4	622.2	462.2	413.3	262.2	186.7	146.7	124.4
12.5°	1728.9	1751.1	1640.0	1453.3	1182.2	902.2	804.4	480.0	248.9	160.0	124.4
15°	2346.6	2293.3	2262.2	2084.4	1826.6	1493.3	1368.9	808.9	360.0	182.2	124.4
17.5°	2764.4	2764.4	2720.0	2600.0	2364.4	2071.1	1968.9	1306.6	582.2	208.9	128.9
20°	3253.3	3253.3	3173.3	3088.8	2880.0	2631.1	2533.3	1857.7	902.2	266.7	128.9
22.5°	3844.4	3853.3	3764.4	3613.3	3413.3	3137.7	3053.3	2368.8	1306.6	355.5	133.3
25°	4564.4	4573.3	4444.4	4302.2	3995.5	3697.7	3568.8	2955.5	1800.0	497.8	133.3
27.5°	5359.9	5422.1	5231.0	4986.6	4662.1	4288.8	4191.0	3484.4	2288.9	702.2	142.2
30°	6351.0	6351.0	6097.7	5755.5	5404.4	4942.1	4817.7	4039.9	2808.8	973.3	151.1
32.5°	7204.3	7137.7	6813.2	6453.2	6079.9	5648.8	5515.5	4622.1	3342.2	1311.1	168.9
35°	7857.6	7799.9	7399.9	7013.2	6688.8	6293.2	6133.2	5253.2	3906.6	1693.3	195.6
37.5°	8417.6	8395.4	7853.2	7368.8	7155.4	6808.8	6666.6	5848.8	4462.1	2106.6	226.7
40°	9031.0	8959.9	8382.1	7782.1	7462.1	7182.1	7053.2	6328.8	4995.5	2591.1	271.1
42.5°	9555.4	9471.0	8951.0	8364.3	7817.6	7439.9	7315.4	6733.2	5515.5	3075.5	328.9
45°	10137.6	10093.2	9568.7	9124.3	8395.4	7791.0	7626.5	7057.7	5991.0	3653.3	404.4
47.5°	11013.2	10933.2	10444.3	10079.8	9235.4	8324.3	8088.8	7391.0	6448.8	4222.2	520.0
50°	12030.9	11977.6	11688.7	11399.8	10559.8	9235.4	8955.4	7871.0	6959.9	4897.7	671.1
52.5°	12862.0	12853.1	12888.7	12893.1	12257.6	10768.7	10350.9	8644.3	7546.5	5564.4	884.4
55°	12844.2	12884.2	13275.3	13724.2	13773.1	12862.0	12457.6	9946.5	8311.0	6386.6	1182.2
57.5°	12364.2	12333.1	12746.5	13422.0	13897.5	13995.3	13928.7	11968.7	9462.1	7377.7	1640.0
58°	12208.7	12182.0	12573.1	13262.0	13808.7	14070.9	14004.2	12426.5	9719.8	7519.9	1764.4
60°	11644.3	11648.7	11879.8	12506.5	13053.1	13675.3	13737.6	13733.1	11004.3	8471.0	2391.1
62.5°	10897.6	10862.0	11075.4	11586.5	12066.5	12484.2	12590.9	13822.0	12884.2	9679.8	3586.6
65°	9866.5	9813.2	10039.8	10617.6	11133.1	11404.3	11408.7	12630.9	13768.7	10977.6	5293.2
67.5°	7951.0	7906.5	8359.9	9102.1	9897.6	10253.2	10413.2	10959.8	13022.0	11857.6	6271.0
70°	4871.0	4964.4	5595.5	6759.9	8119.9	8773.2	9013.2	9182.1	11088.7	11724.3	5244.4
72.5°	2248.9	2137.7	2675.5	3488.8	5039.9	6493.2	6742.1	7404.3	8791.0	10177.6	3911.0
75°	1048.9	1008.9	1133.3	1524.4	2284.4	3506.6	3959.9	5911.0	6742.1	7079.9	2822.2
77.5°	537.8	542.2	644.4	693.3	942.2	1622.2	1862.2	3888.8	4942.1	3951.0	1893.3
80°	235.6	244.4	248.9	271.1	382.2	626.7	706.7	1804.4	3377.7	2013.3	1035.5
82.5°	151.1	155.6	155.6	155.6	182.2	248.9	284.4	724.4	1684.4	1000.0	320.0
85°	80.0	80.0	88.9	111.1	128.9	151.1	160.0	231.1	555.5	297.8	75.6
87.5°	44.4	48.9	53.3	66.7	84.4	102.2	111.1	160.0	213.3	204.4	17.8
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°	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1	111.1
2.5°	115.6	111.1	106.7	102.2	97.8	93.3	93.3	93.3	93.3	93.3	93.3
5°	111.1	106.7	102.2	93.3	84.4	80.0	75.6	71.1	71.1	71.1	71.1
7.5°	111.1	106.7	93.3	84.4	75.6	66.7	57.8	57.8	57.8	57.8	57.8
10°	111.1	102.2	88.9	75.6	62.2	53.3	48.9	44.4	44.4	44.4	44.4
12.5°	111.1	97.8	84.4	66.7	53.3	44.4	40.0	35.6	35.6	35.6	35.6
15°	111.1	97.8	80.0	62.2	48.9	35.6	31.1	26.7	26.7	26.7	26.7
17.5°	106.7	93.3	75.6	53.3	40.0	26.7	22.2	17.8	17.8	22.2	22.2
20°	102.2	88.9	66.7	44.4	31.1	22.2	13.3	13.3	13.3	13.3	13.3
22.5°	102.2	88.9	62.2	40.0	26.7	13.3	8.9	8.9	8.9	8.9	13.3
25°	102.2	84.4	53.3	31.1	17.8	8.9	4.4	4.4	4.4	4.4	4.4
27.5°	102.2	84.4	48.9	26.7	13.3	8.9	4.4	0.0	0.0	0.0	0.0
30°	97.8	80.0	44.4	22.2	8.9	4.4	0.0	0.0	0.0	0.0	0.0
32.5°	97.8	75.6	35.6	17.8	8.9	4.4	0.0	0.0	0.0	0.0	0.0
35°	102.2	71.1	31.1	13.3	4.4	0.0	0.0	0.0	0.0	0.0	4.4
37.5°	106.7	66.7	26.7	8.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	111.1	62.2	26.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	120.0	62.2	22.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	128.9	62.2	17.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	146.7	66.7	17.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	160.0	71.1	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	177.8	66.7	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	200.0	66.7	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	217.8	62.2	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	226.7	57.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	271.1	53.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	422.2	44.4	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	857.8	40.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1600.0	35.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1791.1	40.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1128.9	31.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	595.5	31.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	297.8	31.1	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	137.8	22.2	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	57.8	13.3	8.9	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.7	13.3	8.9	8.9	4.4	4.4	0.0	0.0	0.0	0.0	0.0
87.5°	13.3	13.3	13.3	8.9	8.9	4.4	4.4	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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

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 4000K 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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

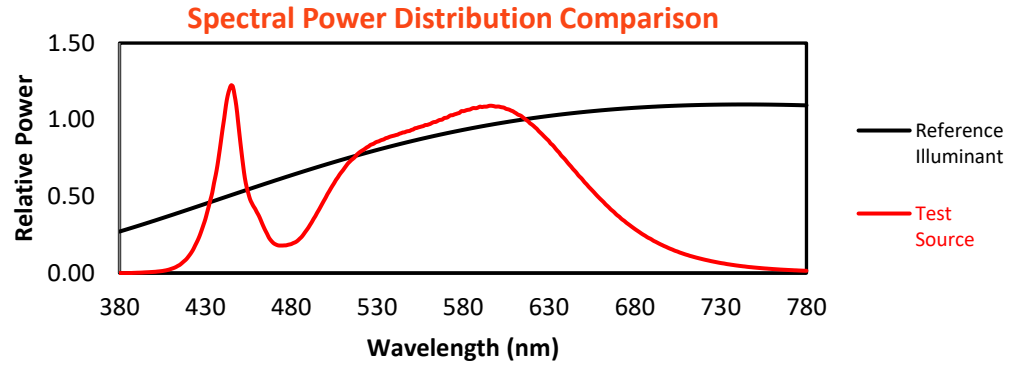
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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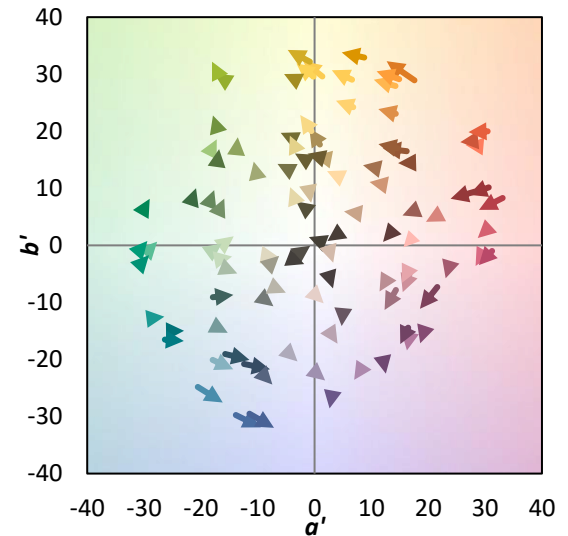
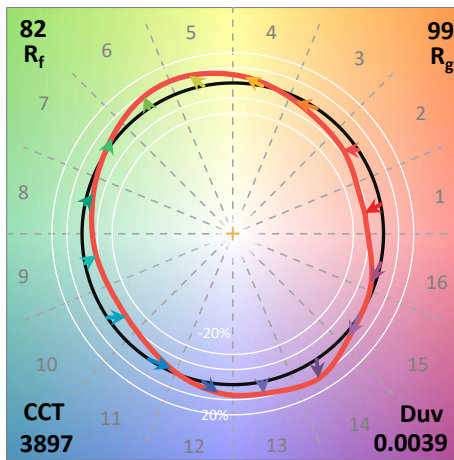
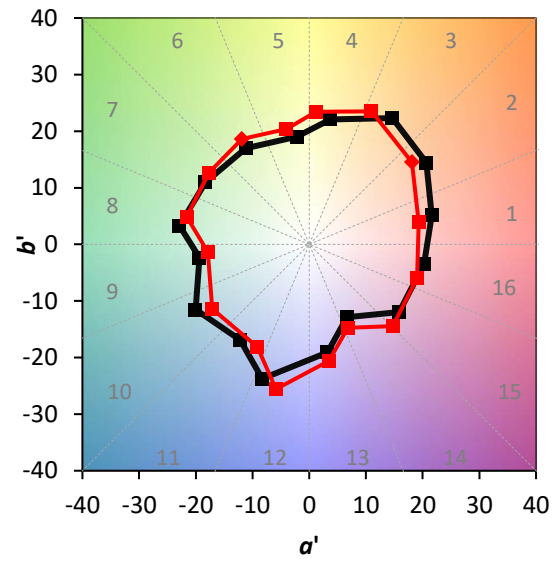
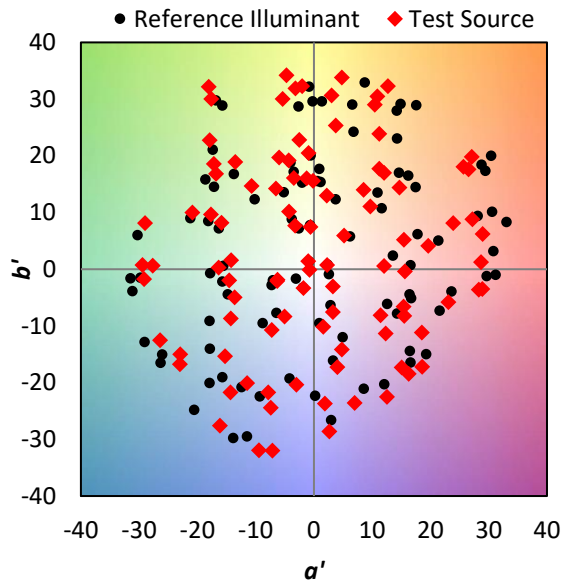
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$



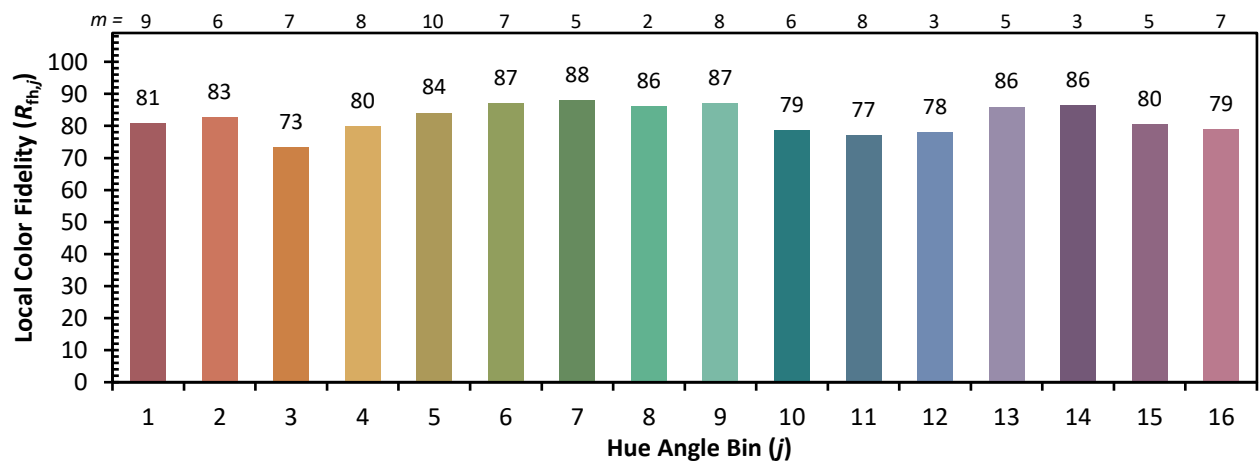
Color Vector Graphics



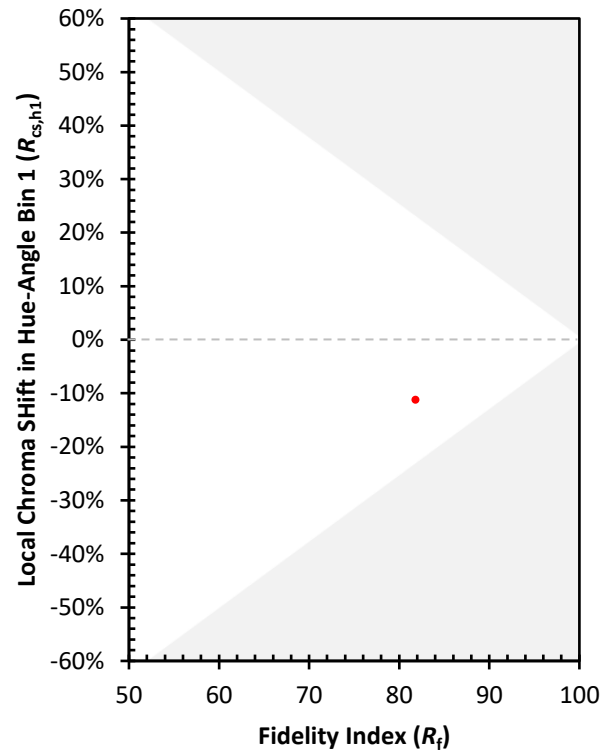
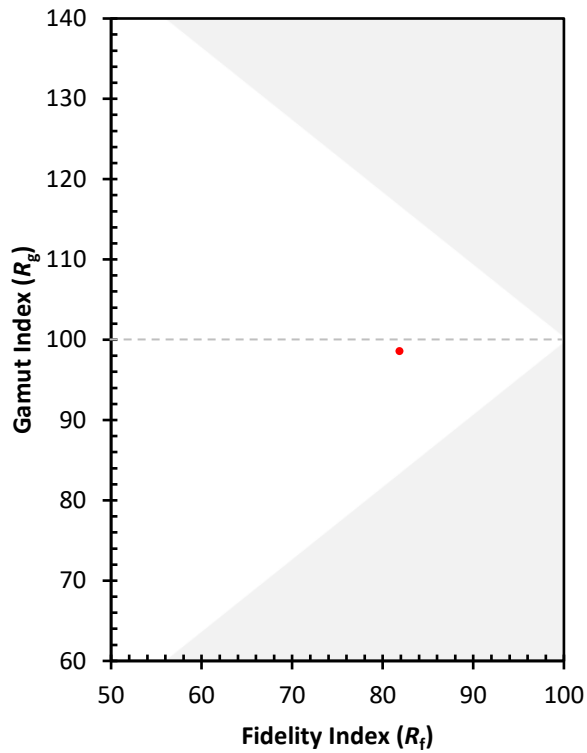
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)