

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: McGRAW-EDISON

Report Number: P1047502

Luminaire Tested: **GALN-SA6B-930-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047502
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19333.5 lumens
Efficiency: N/A
Efficacy: 90.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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

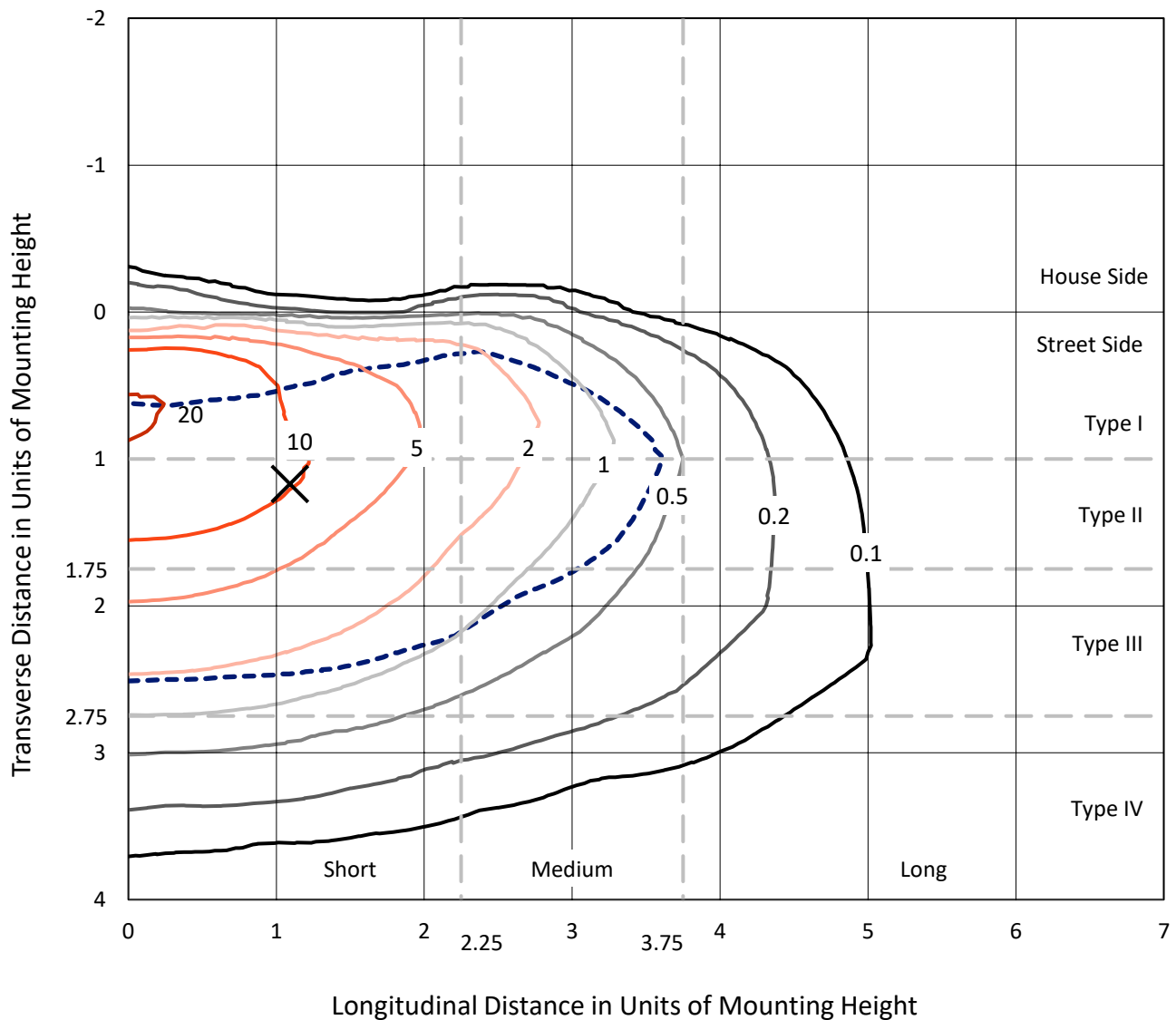


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CATALOG NUMBER: GALN-SA6B-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

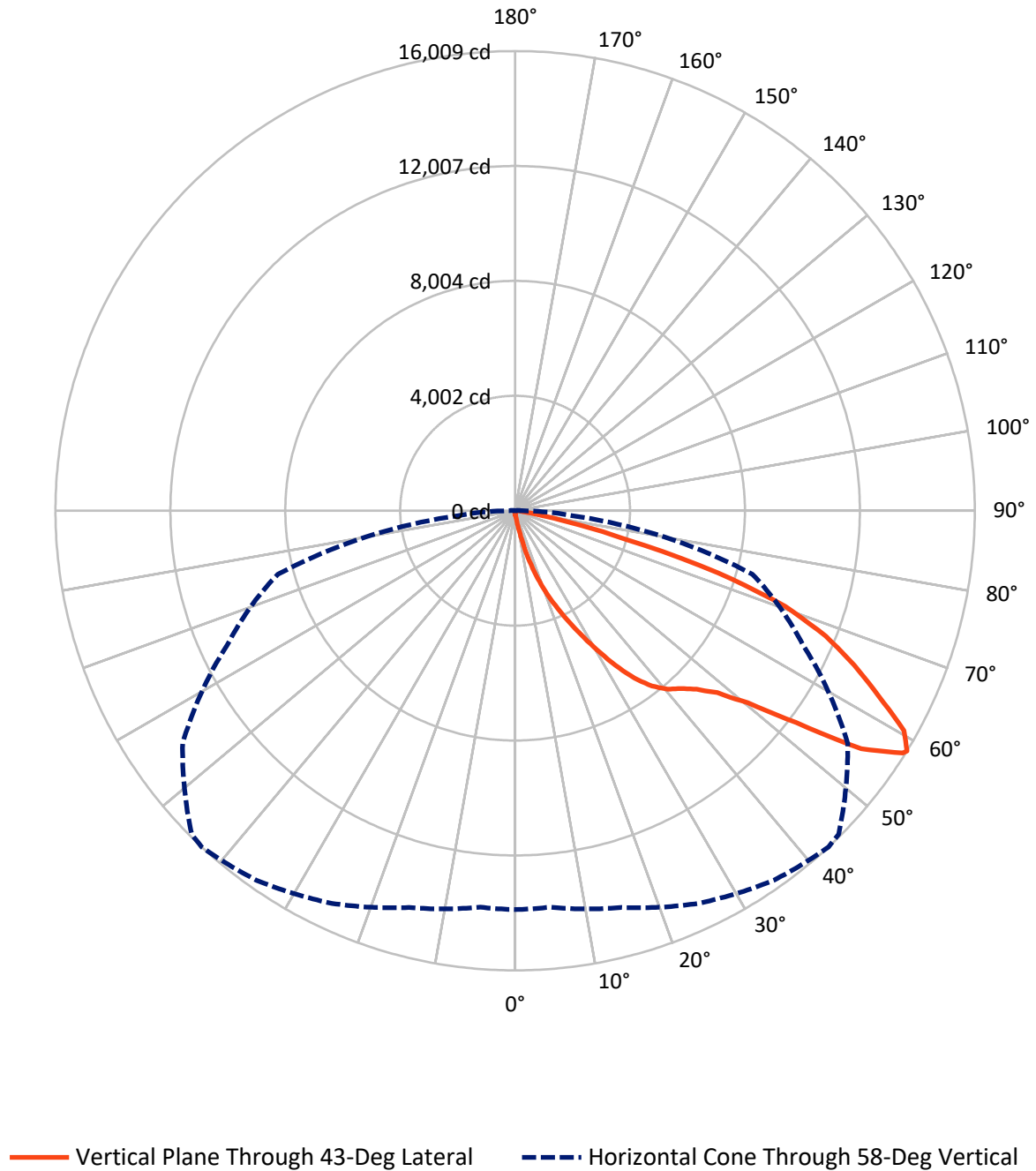


Based on 15 foot mounting height. Maximum calculated value = 21.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	70.6	0.0	70.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19262.9	0.0	19262.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	19333.5	0.0	19333.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.5	0.1
10°-20°	222.2	1.1
20°-30°	801.0	4.1
30°-40°	1832.7	9.5
40°-50°	3091.0	16.0
50°-60°	5100.9	26.4
60°-70°	5701.0	29.5
70°-80°	2353.8	12.2
80°-90°	212.2	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°	19333.5	100.0
0°-180°	19333.5	100.0



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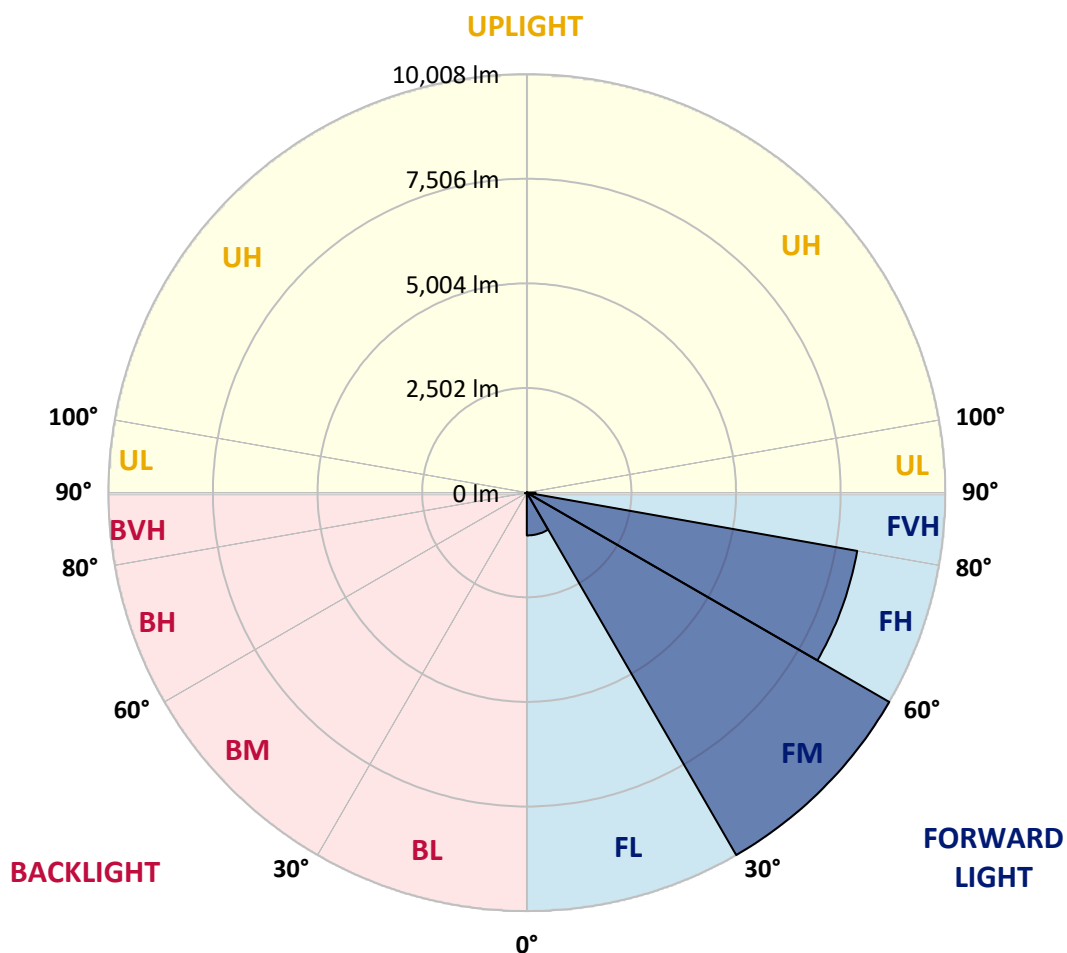
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1023.4	5.3			
FM	(30°-60°)	10007.8	51.8			
FH	(60°-80°)	8022.5	41.5			G4/12000
FVH	(80°-90°)	209.3	1.1			G2/225
BL	(0°-30°)	18.4	0.1	B0/110		
BM	(30°-60°)	16.9	0.1	B0/220		
BH	(60°-80°)	32.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



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CATALOG NUMBER: GALN-SA6B-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4
2.5°	151.7	156.8	151.7	151.7	151.7	146.6	146.6	141.6	141.6	136.5	131.5
5°	222.5	222.5	207.3	197.2	187.1	182.0	177.0	166.9	156.8	146.6	136.5
7.5°	495.5	495.5	450.0	389.4	308.4	262.9	252.8	207.3	177.0	156.8	136.5
10°	1183.2	1183.2	1082.1	915.2	707.9	525.9	470.3	298.3	212.4	166.9	141.6
12.5°	1967.0	1992.3	1865.8	1653.5	1345.0	1026.5	915.2	546.1	283.2	182.0	141.6
15°	2669.8	2609.2	2573.8	2371.5	2078.2	1699.0	1557.4	920.3	409.6	207.3	141.6
17.5°	3145.1	3145.1	3094.6	2958.1	2690.1	2356.3	2240.0	1486.6	662.4	237.7	146.6
20°	3701.4	3701.4	3610.3	3514.3	3276.6	2993.4	2882.2	2113.6	1026.5	303.4	146.6
22.5°	4373.9	4384.0	4282.9	4110.9	3883.4	3569.9	3473.8	2695.1	1486.6	404.5	151.7
25°	5193.0	5203.1	5056.5	4894.7	4545.8	4207.0	4060.4	3362.6	2047.9	566.3	151.7
27.5°	6098.1	6168.9	5951.5	5673.4	5304.3	4879.5	4768.3	3964.3	2604.1	798.9	161.8
30°	7225.7	7225.7	6937.5	6548.2	6148.7	5622.8	5481.2	4596.4	3195.7	1107.4	171.9
32.5°	8196.6	8120.7	7751.6	7342.0	6917.3	6426.8	6275.1	5258.8	3802.5	1491.7	192.1
35°	8939.9	8874.2	8419.1	7979.2	7610.0	7160.0	6978.0	5976.8	4444.7	1926.5	222.5
37.5°	9577.0	9551.7	8934.8	8383.7	8141.0	7746.6	7584.7	6654.4	5076.7	2396.8	257.9
40°	10274.8	10193.9	9536.6	8853.9	8489.9	8171.3	8024.7	7200.5	5683.5	2947.9	308.4
42.5°	10871.5	10775.4	10183.8	9516.3	8894.4	8464.6	8323.0	7660.6	6275.1	3499.1	374.2
45°	11533.9	11483.3	10886.6	10381.0	9551.7	8864.0	8677.0	8029.7	6816.2	4156.4	460.1
47.5°	12530.0	12439.0	11882.8	11468.1	10507.4	9470.8	9202.8	8409.0	7337.0	4803.7	591.6
50°	13687.9	13627.3	13298.6	12969.9	12014.2	10507.4	10188.8	8955.1	7918.5	5572.3	763.5
52.5°	14633.5	14623.4	14663.8	14668.9	13945.8	12251.9	11776.6	9834.9	8585.9	6330.7	1006.2
55°	14613.3	14658.8	15103.8	15614.5	15670.1	14633.5	14173.4	11316.4	9455.7	7266.2	1345.0
57.5°	14067.2	14031.8	14502.0	15270.6	15811.7	15922.9	15847.1	13617.2	10765.3	8393.8	1865.8
58°	13890.2	13859.9	14304.8	15088.6	15710.5	16008.9	15933.0	14138.0	11058.6	8555.6	2007.4
60°	13248.0	13253.1	13516.0	14229.0	14850.9	15558.8	15629.6	15624.6	12519.9	9637.7	2720.4
62.5°	12398.5	12358.1	12600.8	13182.3	13728.4	14203.7	14325.1	15725.7	14658.8	11013.1	4080.6
65°	11225.4	11164.7	11422.6	12080.0	12666.5	12975.0	12980.0	14370.6	15665.0	12489.6	6022.3
67.5°	9046.1	8995.5	9511.3	10355.7	11260.8	11665.3	11847.4	12469.3	14815.5	13490.7	7134.7
70°	5541.9	5648.1	6366.1	7690.9	9238.2	9981.5	10254.6	10446.7	12616.0	13339.0	5966.7
72.5°	2558.6	2432.2	3044.0	3969.4	5734.1	7387.5	7670.7	8424.1	10001.8	11579.4	4449.7
75°	1193.3	1147.8	1289.4	1734.4	2599.0	3989.6	4505.3	6725.1	7670.7	8055.0	3210.9
77.5°	611.8	616.9	733.2	788.8	1072.0	1845.6	2118.7	4424.4	5622.8	4495.2	2154.1
80°	268.0	278.1	283.2	308.4	434.9	713.0	804.0	2052.9	3842.9	2290.6	1178.2
82.5°	171.9	177.0	177.0	177.0	207.3	283.2	323.6	824.2	1916.4	1137.7	364.1
85°	91.0	91.0	101.1	126.4	146.6	171.9	182.0	262.9	632.1	338.8	86.0
87.5°	50.6	55.6	60.7	75.8	96.1	116.3	126.4	182.0	242.7	232.6	20.2
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: GALN-SA6B-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4	126.4
2.5°	131.5	126.4	121.4	116.3	111.2	106.2	106.2	106.2	106.2	106.2	106.2
5°	126.4	121.4	116.3	106.2	96.1	91.0	86.0	80.9	80.9	80.9	80.9
7.5°	126.4	121.4	106.2	96.1	86.0	75.8	65.7	65.7	65.7	65.7	65.7
10°	126.4	116.3	101.1	86.0	70.8	60.7	55.6	50.6	50.6	50.6	50.6
12.5°	126.4	111.2	96.1	75.8	60.7	50.6	45.5	40.5	40.5	40.5	40.5
15°	126.4	111.2	91.0	70.8	55.6	40.5	35.4	30.3	30.3	30.3	30.3
17.5°	121.4	106.2	86.0	60.7	45.5	30.3	25.3	20.2	20.2	25.3	25.3
20°	116.3	101.1	75.8	50.6	35.4	25.3	15.2	15.2	15.2	15.2	15.2
22.5°	116.3	101.1	70.8	45.5	30.3	15.2	10.1	10.1	10.1	10.1	15.2
25°	116.3	96.1	60.7	35.4	20.2	10.1	5.1	5.1	5.1	5.1	5.1
27.5°	116.3	96.1	55.6	30.3	15.2	10.1	5.1	0.0	0.0	0.0	0.0
30°	111.2	91.0	50.6	25.3	10.1	5.1	0.0	0.0	0.0	0.0	0.0
32.5°	111.2	86.0	40.5	20.2	10.1	5.1	0.0	0.0	0.0	0.0	0.0
35°	116.3	80.9	35.4	15.2	5.1	0.0	0.0	0.0	0.0	0.0	5.1
37.5°	121.4	75.8	30.3	10.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	126.4	70.8	30.3	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	136.5	70.8	25.3	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	146.6	70.8	20.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	166.9	75.8	20.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	182.0	80.9	15.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	202.3	75.8	15.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	227.5	75.8	15.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	247.8	70.8	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	257.9	65.7	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	308.4	60.7	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	480.4	50.6	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	975.9	45.5	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1820.3	40.5	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2037.8	45.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1284.4	35.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	677.6	35.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	338.8	35.4	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	156.8	25.3	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	65.7	15.2	10.1	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	30.3	15.2	10.1	10.1	5.1	5.1	0.0	0.0	0.0	0.0	0.0
87.5°	15.2	15.2	15.2	10.1	10.1	5.1	5.1	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: SP1-2407-184-14

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
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



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

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Photopic Flux vs. Wavelength

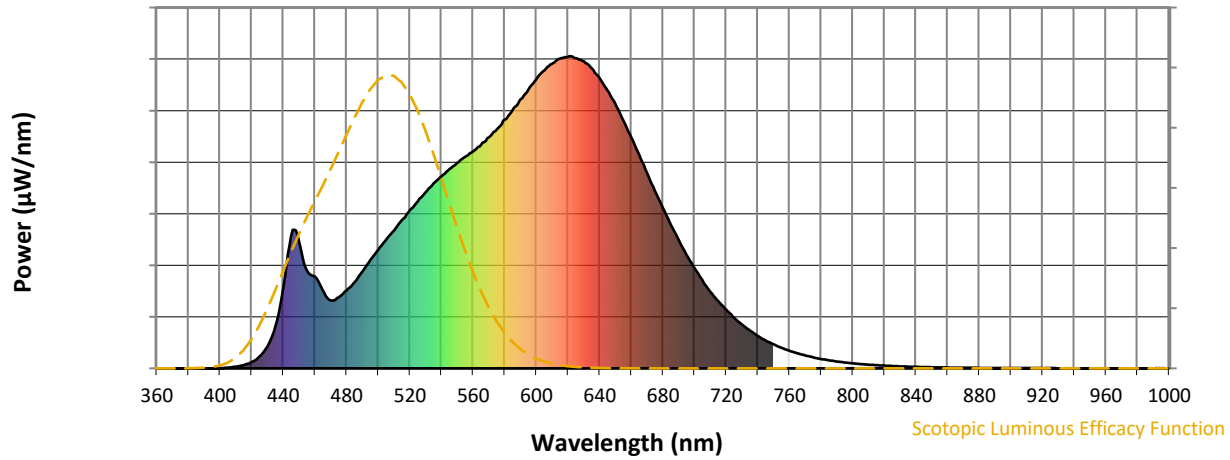


Photopic Lumens: NR

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	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



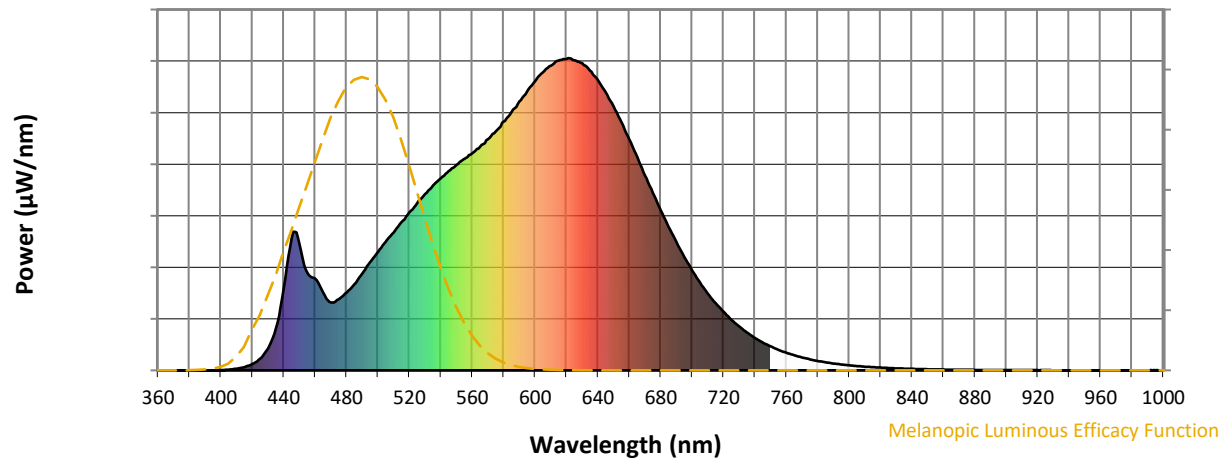
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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	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 $\text{W}^{\wedge}/\text{nm}$	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	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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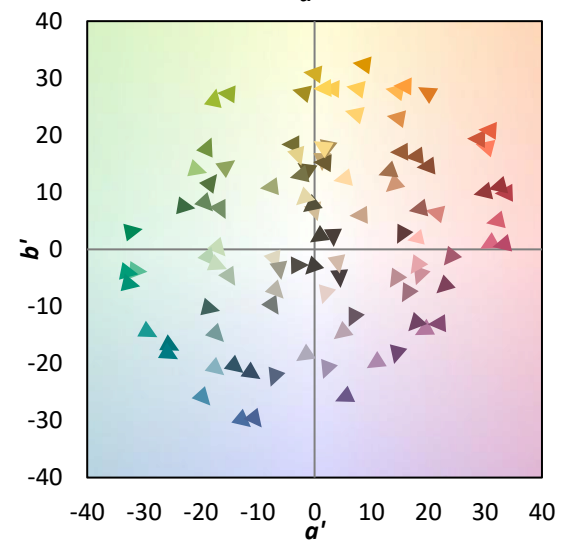
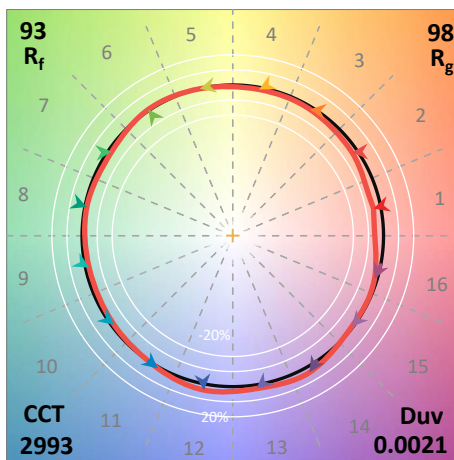
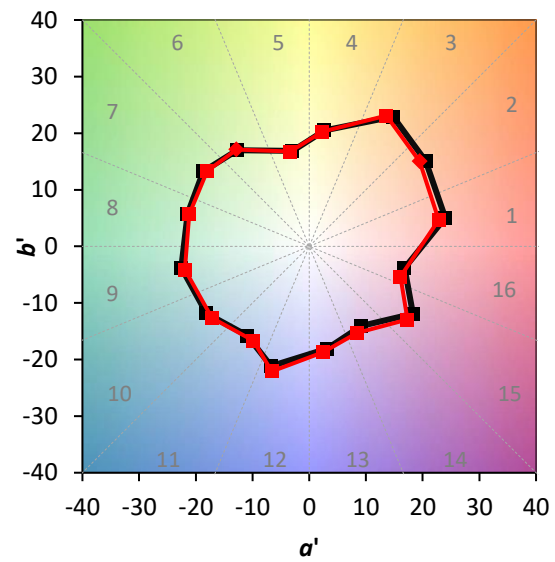
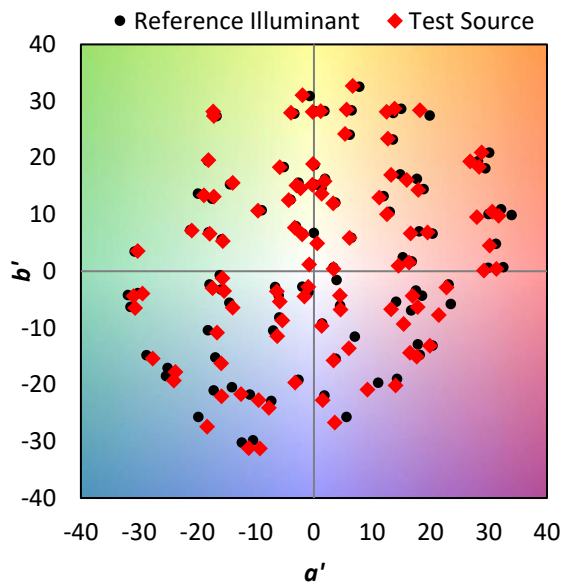
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

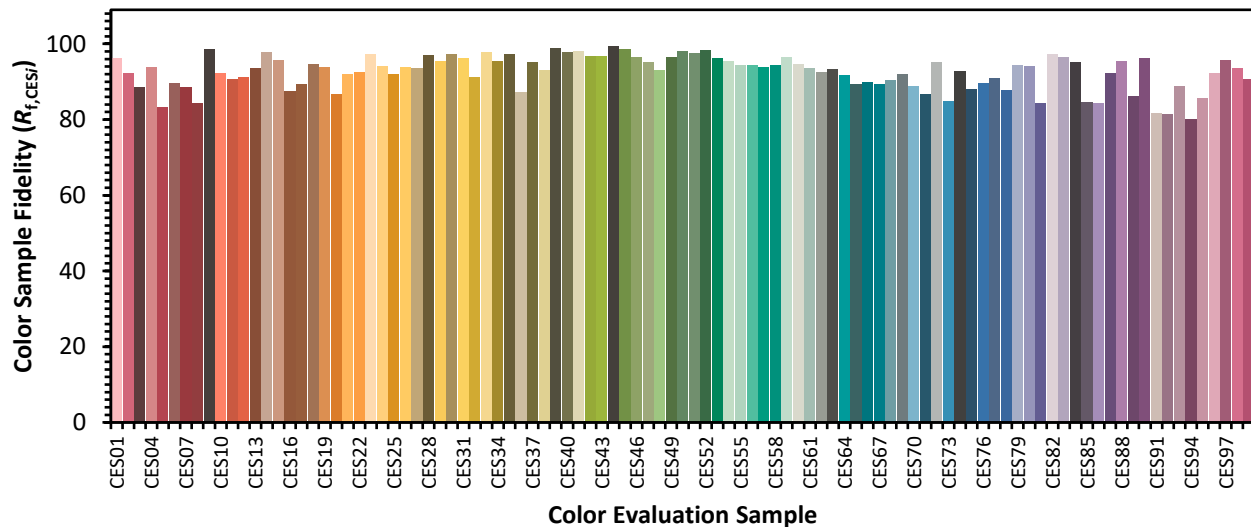


Color Vector Graphics



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)