

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: P1047487

Luminaire Tested: **GALN-SA2C-930-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047487
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8225.5 lumens
Efficiency: N/A
Efficacy: 85.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

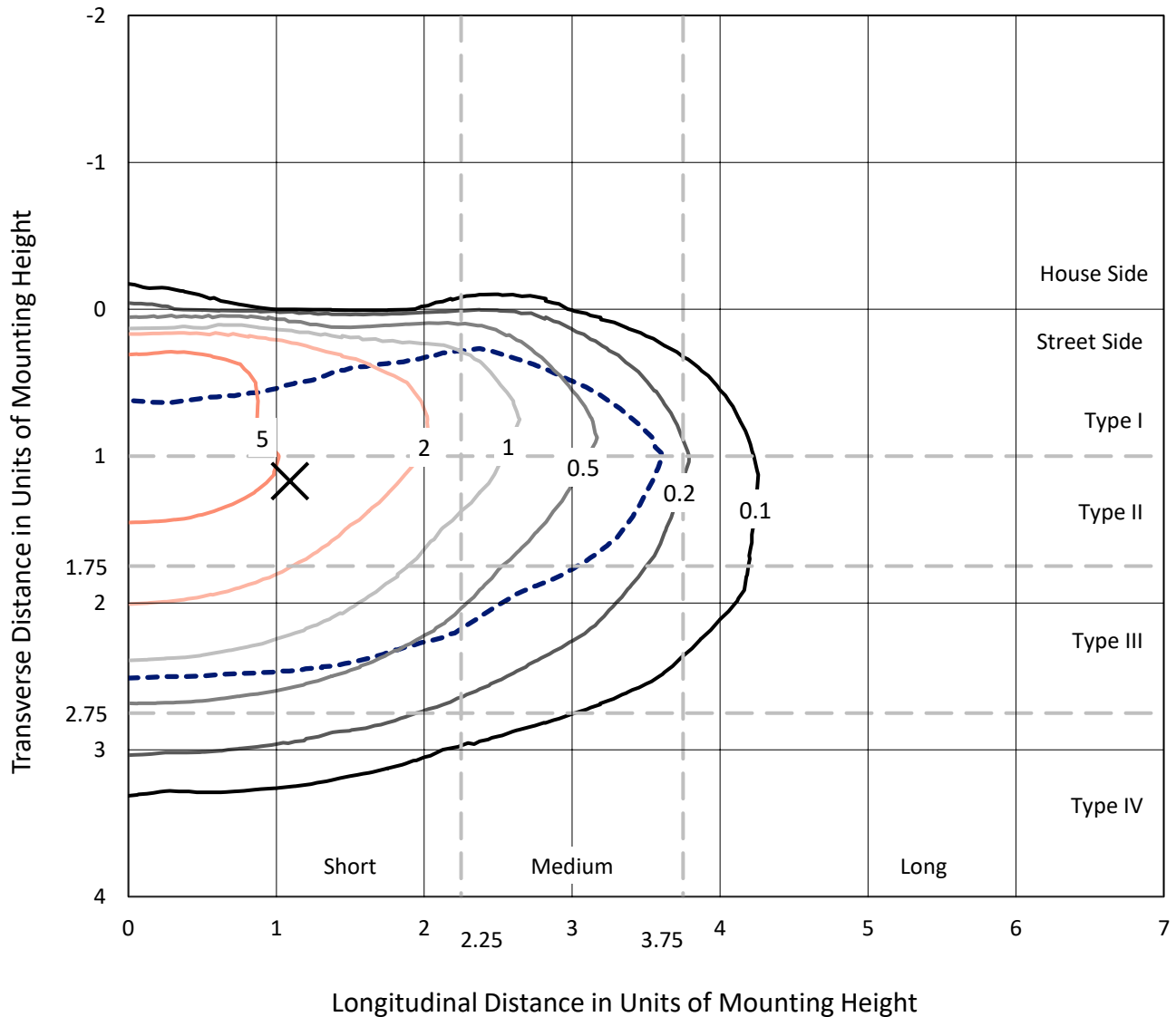


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CATALOG NUMBER: GALN-SA2C-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

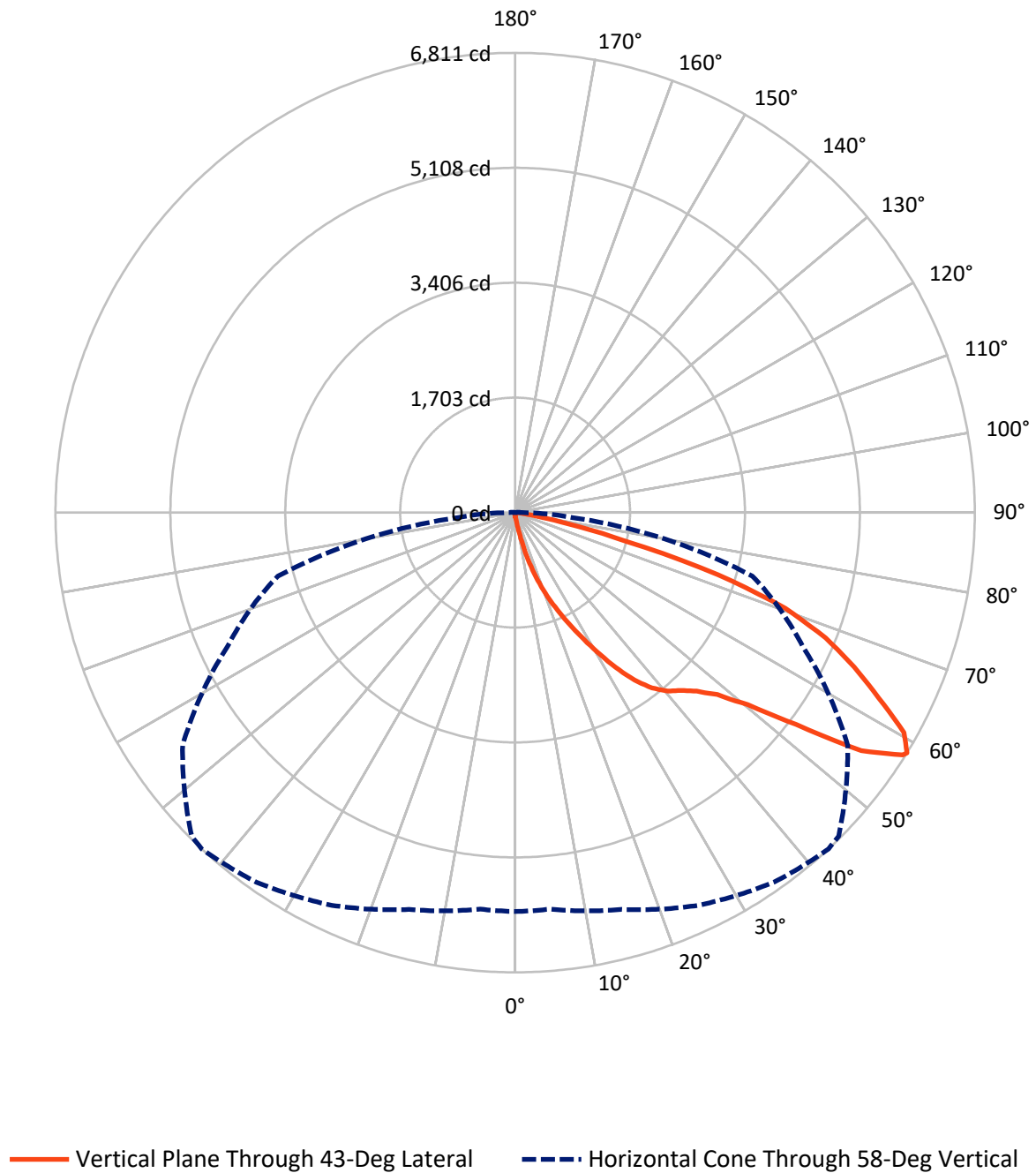


Based on 15 foot mounting height. Maximum calculated value = 9.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.1	0.0	30.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8195.4	0.0	8195.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	8225.5	0.0	8225.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.9	0.1
10°-20°	94.5	1.1
20°-30°	340.8	4.1
30°-40°	779.7	9.5
40°-50°	1315.1	16.0
50°-60°	2170.2	26.4
60°-70°	2425.5	29.5
70°-80°	1001.5	12.2
80°-90°	90.3	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°	8225.5	100.0
0°-180°	8225.5	100.0



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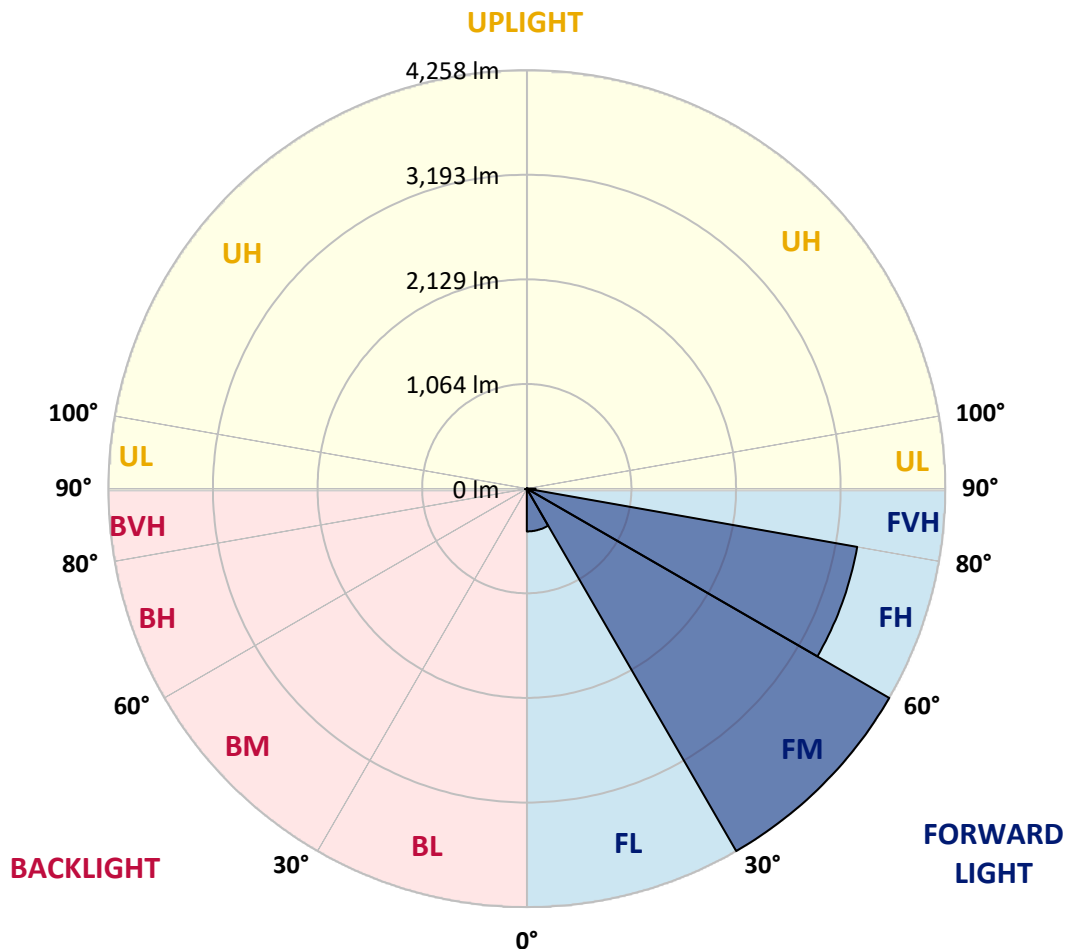
CATALOG NUMBER: GALN-SA2C-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	435.4	5.3			
FM	(30°-60°)	4257.8	51.8			
FH	(60°-80°)	3413.2	41.5			G2/5000
FVH	(80°-90°)	89.0	1.1			G1/100
BL	(0°-30°)	7.8	0.1	B0/110		
BM	(30°-60°)	7.2	0.1	B0/220		
BH	(60°-80°)	13.8	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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-G2

Type III Short



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CATALOG NUMBER: GALN-SA2C-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
2.5°	64.5	66.7	64.5	64.5	64.5	62.4	62.4	60.2	60.2	58.1	55.9
5°	94.7	94.7	88.2	83.9	79.6	77.4	75.3	71.0	66.7	62.4	58.1
7.5°	210.8	210.8	191.5	165.6	131.2	111.9	107.6	88.2	75.3	66.7	58.1
10°	503.4	503.4	460.4	389.4	301.2	223.7	200.1	126.9	90.4	71.0	60.2
12.5°	836.9	847.6	793.8	703.5	572.2	436.7	389.4	232.3	120.5	77.4	60.2
15°	1135.9	1110.1	1095.0	1009.0	884.2	722.8	662.6	391.5	174.3	88.2	60.2
17.5°	1338.1	1338.1	1316.6	1258.5	1144.5	1002.5	953.0	632.5	281.8	101.1	62.4
20°	1574.7	1574.7	1536.0	1495.1	1394.0	1273.6	1226.2	899.2	436.7	129.1	62.4
22.5°	1860.9	1865.2	1822.1	1749.0	1652.2	1518.8	1477.9	1146.6	632.5	172.1	64.5
25°	2209.4	2213.7	2151.3	2082.5	1934.0	1789.9	1727.5	1430.6	871.3	240.9	64.5
27.5°	2594.5	2624.6	2532.1	2413.8	2256.7	2076.0	2028.7	1686.6	1107.9	339.9	68.8
30°	3074.2	3074.2	2951.6	2785.9	2616.0	2392.2	2332.0	1955.5	1359.6	471.1	73.1
32.5°	3487.2	3455.0	3297.9	3123.7	2943.0	2734.3	2669.8	2237.3	1617.8	634.6	81.7
35°	3803.5	3775.5	3581.9	3394.7	3237.7	3046.2	2968.8	2542.8	1891.0	819.6	94.7
37.5°	4074.6	4063.8	3801.3	3566.8	3463.6	3295.8	3226.9	2831.1	2159.9	1019.7	109.7
40°	4371.4	4337.0	4057.3	3766.9	3612.0	3476.5	3414.1	3063.4	2418.1	1254.2	131.2
42.5°	4625.3	4584.4	4332.7	4048.7	3784.1	3601.3	3541.0	3259.2	2669.8	1488.7	159.2
45°	4907.1	4885.6	4631.7	4416.6	4063.8	3771.2	3691.6	3416.3	2899.9	1768.4	195.8
47.5°	5330.9	5292.2	5055.5	4879.1	4470.4	4029.4	3915.4	3577.6	3121.5	2043.7	251.7
50°	5823.6	5797.7	5657.9	5518.1	5111.5	4470.4	4334.9	3809.9	3368.9	2370.7	324.8
52.5°	6225.8	6221.5	6238.8	6240.9	5933.3	5212.6	5010.4	4184.3	3652.9	2693.4	428.1
55°	6217.2	6236.6	6425.9	6643.2	6666.9	6225.8	6030.1	4814.6	4022.9	3091.4	572.2
57.5°	5984.9	5969.8	6169.9	6496.9	6727.1	6774.4	6742.2	5793.4	4580.1	3571.1	793.8
58°	5909.6	5896.7	6086.0	6419.5	6684.1	6811.0	6778.7	6015.0	4704.9	3640.0	854.1
60°	5636.4	5638.5	5750.4	6053.7	6318.4	6619.5	6649.6	6647.5	5326.6	4100.4	1157.4
62.5°	5275.0	5257.8	5361.0	5608.4	5840.8	6043.0	6094.6	6690.5	6236.6	4685.5	1736.1
65°	4775.9	4750.1	4859.8	5139.4	5389.0	5520.2	5522.4	6114.0	6664.7	5313.7	2562.2
67.5°	3848.7	3827.2	4046.6	4405.8	4790.9	4963.0	5040.5	5305.1	6303.3	5739.7	3035.5
70°	2357.8	2403.0	2708.5	3272.1	3930.4	4246.7	4362.8	4444.6	5367.5	5675.1	2538.5
72.5°	1088.6	1034.8	1295.1	1688.8	2439.6	3143.0	3263.5	3584.1	4255.3	4926.5	1893.1
75°	507.7	488.3	548.6	737.9	1105.8	1697.4	1916.8	2861.2	3263.5	3427.0	1366.1
77.5°	260.3	262.5	311.9	335.6	456.1	785.2	901.4	1882.4	2392.2	1912.5	916.5
80°	114.0	118.3	120.5	131.2	185.0	303.3	342.1	873.4	1635.0	974.5	501.3
82.5°	73.1	75.3	75.3	75.3	88.2	120.5	137.7	350.7	815.3	484.0	154.9
85°	38.7	38.7	43.0	53.8	62.4	73.1	77.4	111.9	268.9	144.1	36.6
87.5°	21.5	23.7	25.8	32.3	40.9	49.5	53.8	77.4	103.3	99.0	8.6
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: GALN-SA2C-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
2.5°	55.9	53.8	51.6	49.5	47.3	45.2	45.2	45.2	45.2	45.2	45.2
5°	53.8	51.6	49.5	45.2	40.9	38.7	36.6	34.4	34.4	34.4	34.4
7.5°	53.8	51.6	45.2	40.9	36.6	32.3	28.0	28.0	28.0	28.0	28.0
10°	53.8	49.5	43.0	36.6	30.1	25.8	23.7	21.5	21.5	21.5	21.5
12.5°	53.8	47.3	40.9	32.3	25.8	21.5	19.4	17.2	17.2	17.2	17.2
15°	53.8	47.3	38.7	30.1	23.7	17.2	15.1	12.9	12.9	12.9	12.9
17.5°	51.6	45.2	36.6	25.8	19.4	12.9	10.8	8.6	8.6	10.8	10.8
20°	49.5	43.0	32.3	21.5	15.1	10.8	6.5	6.5	6.5	6.5	6.5
22.5°	49.5	43.0	30.1	19.4	12.9	6.5	4.3	4.3	4.3	4.3	6.5
25°	49.5	40.9	25.8	15.1	8.6	4.3	2.2	2.2	2.2	2.2	2.2
27.5°	49.5	40.9	23.7	12.9	6.5	4.3	2.2	0.0	0.0	0.0	0.0
30°	47.3	38.7	21.5	10.8	4.3	2.2	0.0	0.0	0.0	0.0	0.0
32.5°	47.3	36.6	17.2	8.6	4.3	2.2	0.0	0.0	0.0	0.0	0.0
35°	49.5	34.4	15.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	2.2
37.5°	51.6	32.3	12.9	4.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	53.8	30.1	12.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	58.1	30.1	10.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	62.4	30.1	8.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	71.0	32.3	8.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	77.4	34.4	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	86.1	32.3	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	96.8	32.3	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	105.4	30.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	109.7	28.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	131.2	25.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	204.4	21.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	415.2	19.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	774.5	17.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	867.0	19.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	546.4	15.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	288.3	15.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	144.1	15.1	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	66.7	10.8	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	28.0	6.5	4.3	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	12.9	6.5	4.3	4.3	2.2	2.2	0.0	0.0	0.0	0.0	0.0
87.5°	6.5	6.5	6.5	4.3	4.3	2.2	2.2	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

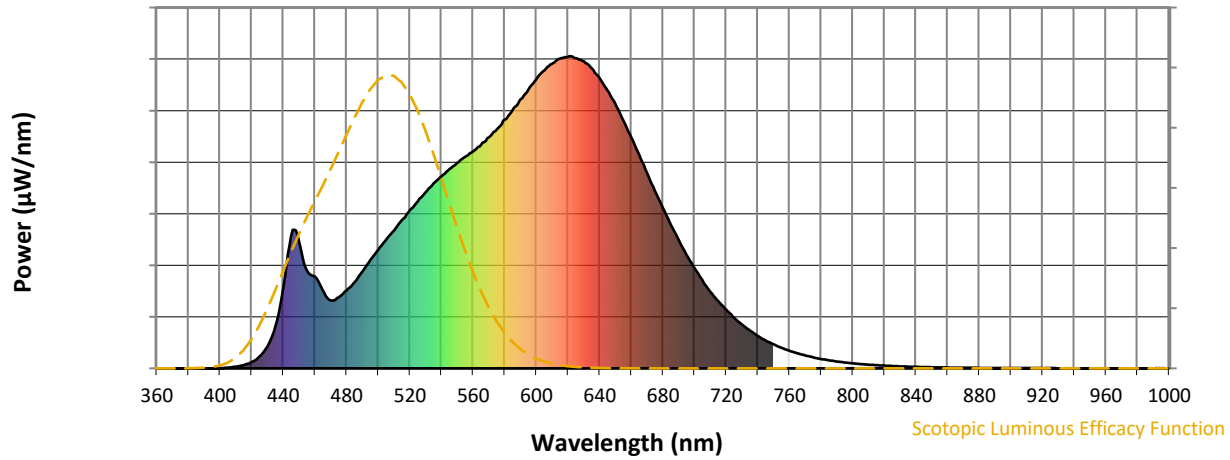


Photopic Lumens: NR

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



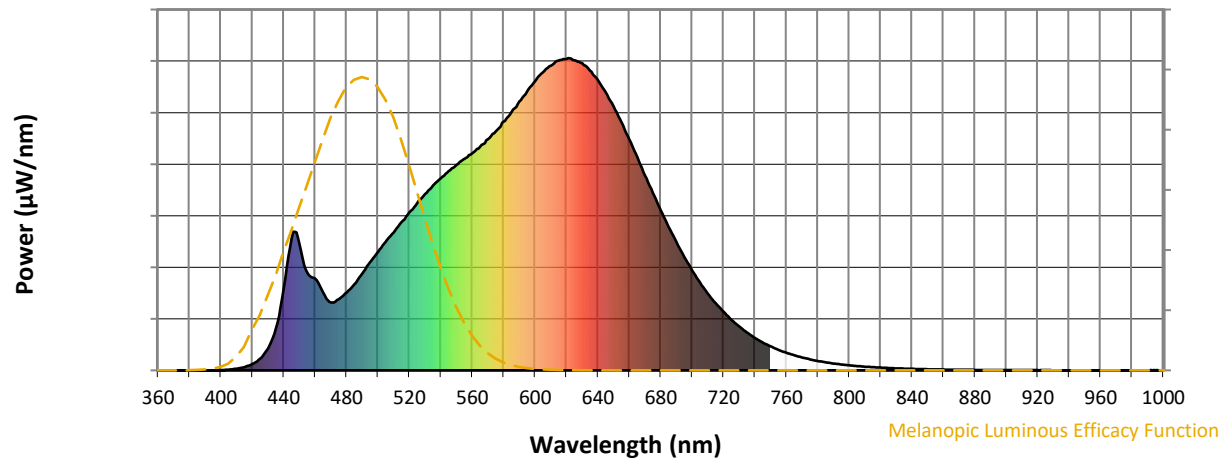
Scotopic Lumens: NR

S/P: 1.39

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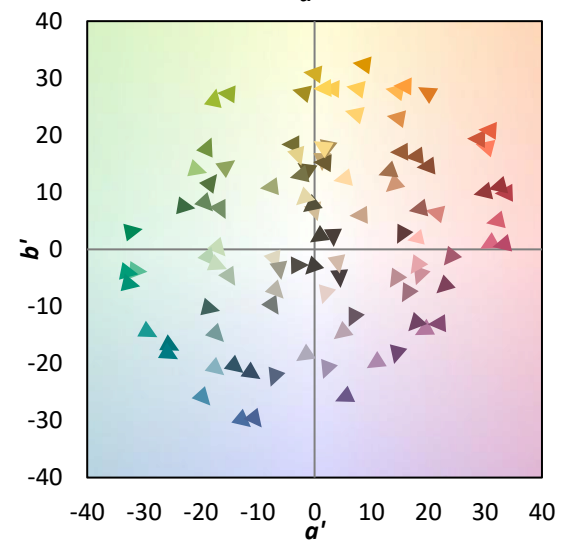
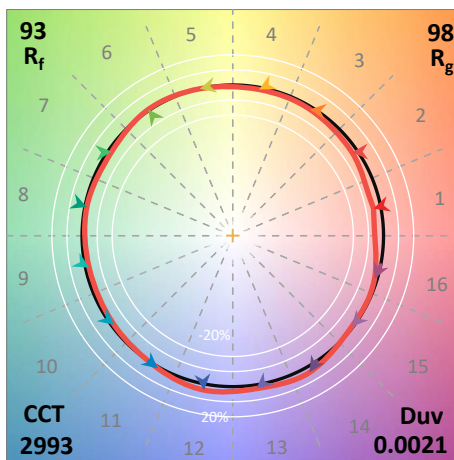
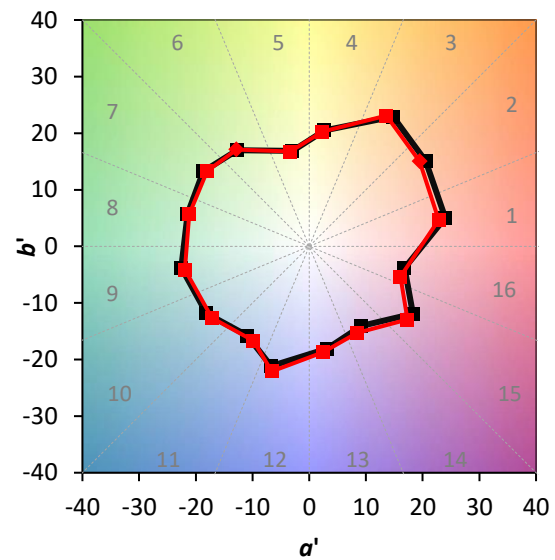
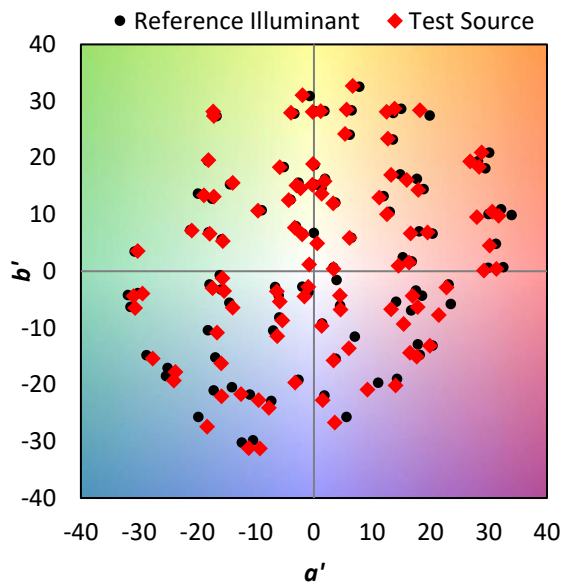
TM-30-18

Summary

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

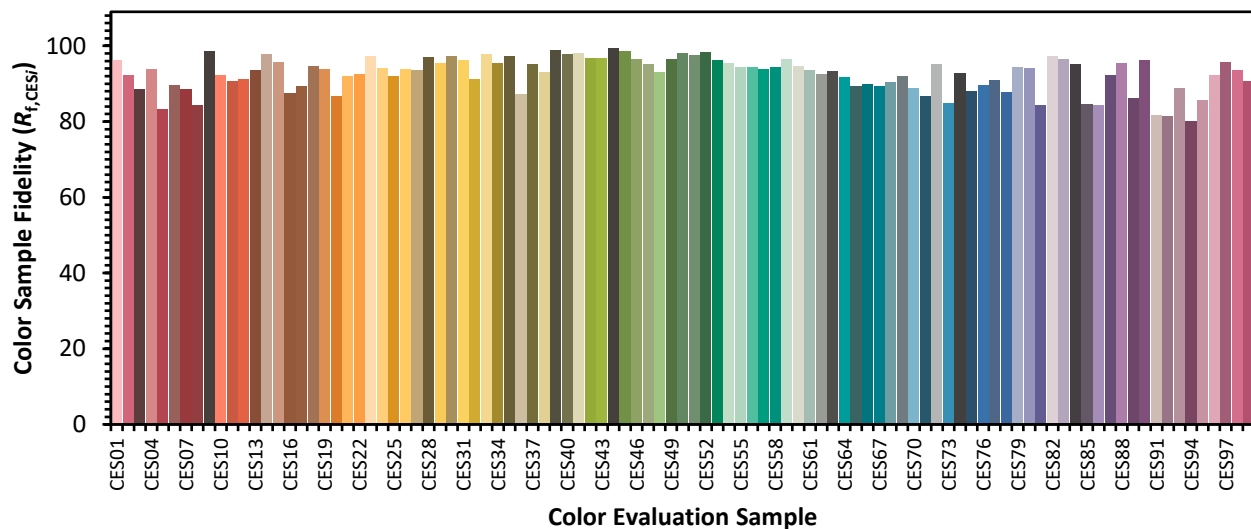


Color Vector Graphics



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)