

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: P1048097

Luminaire Tested: **GALN-SA2A-930-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048097
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-930-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5044.2 lumens
Efficiency: N/A
Efficacy: 90.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 55.8
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

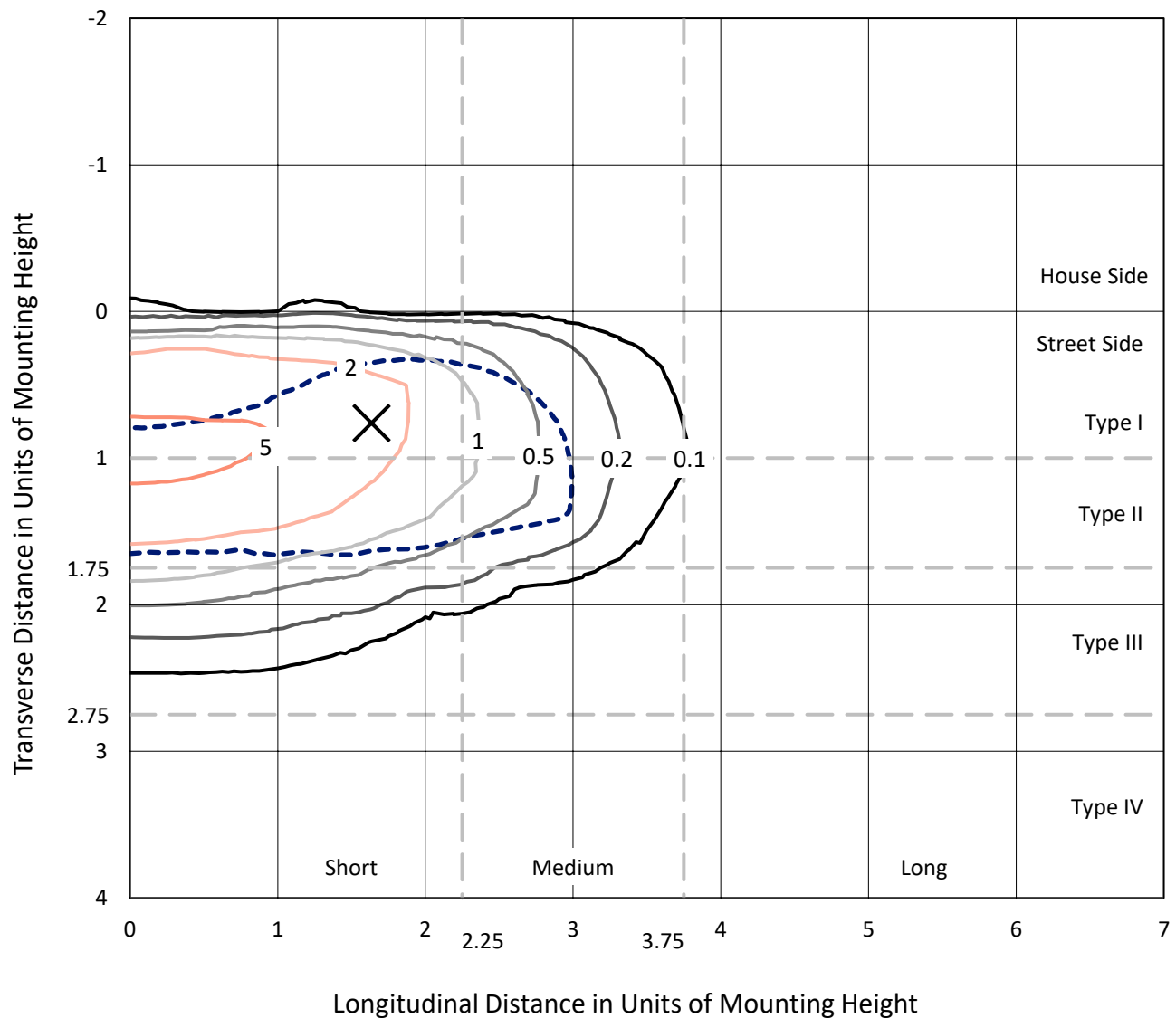


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

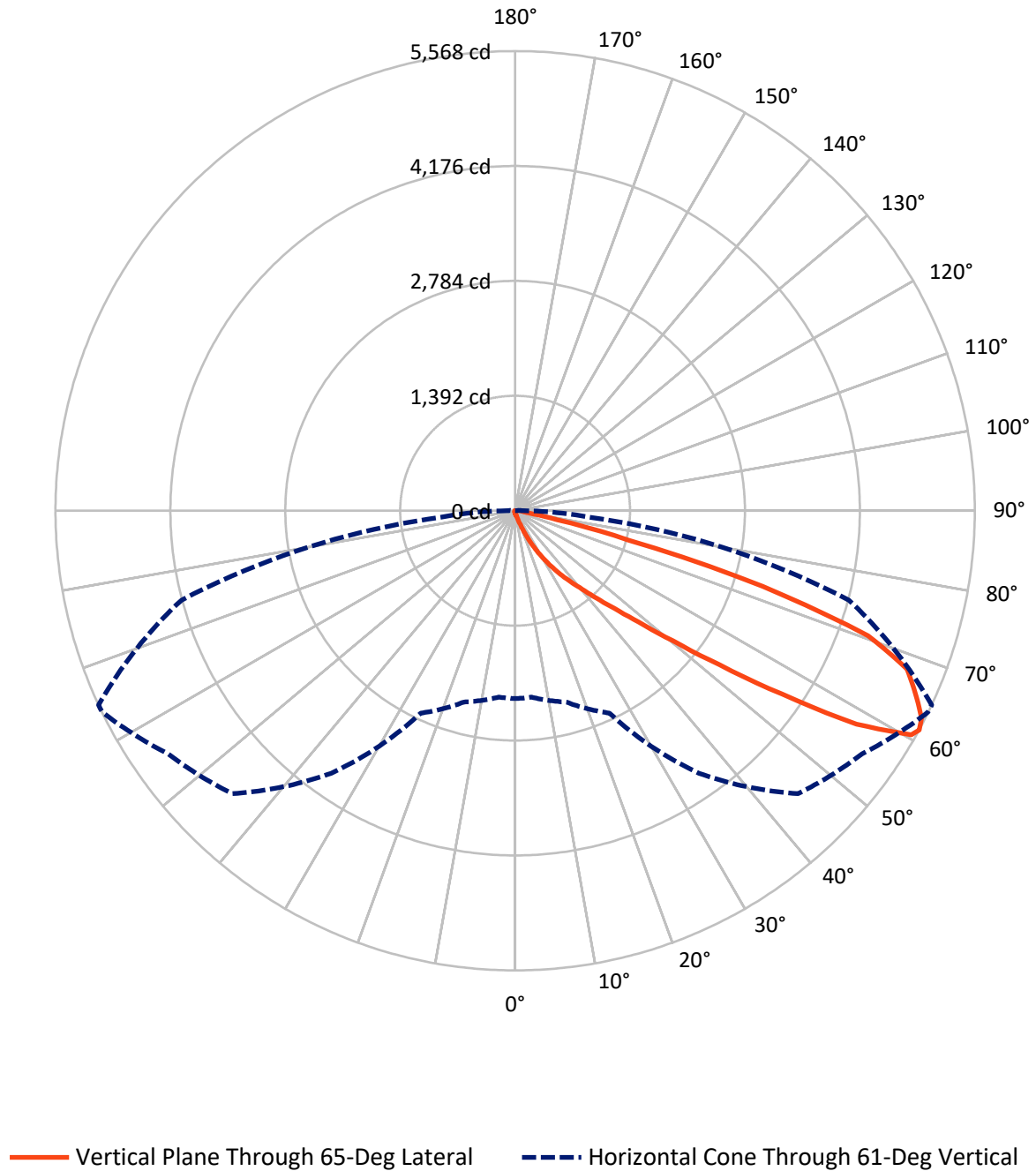


Based on 15 foot mounting height. Maximum calculated value = 6.7 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA2A-930-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21.5	0.0	21.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5022.7	0.0	5022.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	5044.2	0.0	5044.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.9	0.1
10°-20°	41.5	0.8
20°-30°	148.9	3.0
30°-40°	396.3	7.9
40°-50°	1041.2	20.6
50°-60°	1613.0	32.0
60°-70°	1352.4	26.8
70°-80°	398.0	7.9
80°-90°	49.1	1.0
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°	5044.2	100.0
0°-180°	5044.2	100.0



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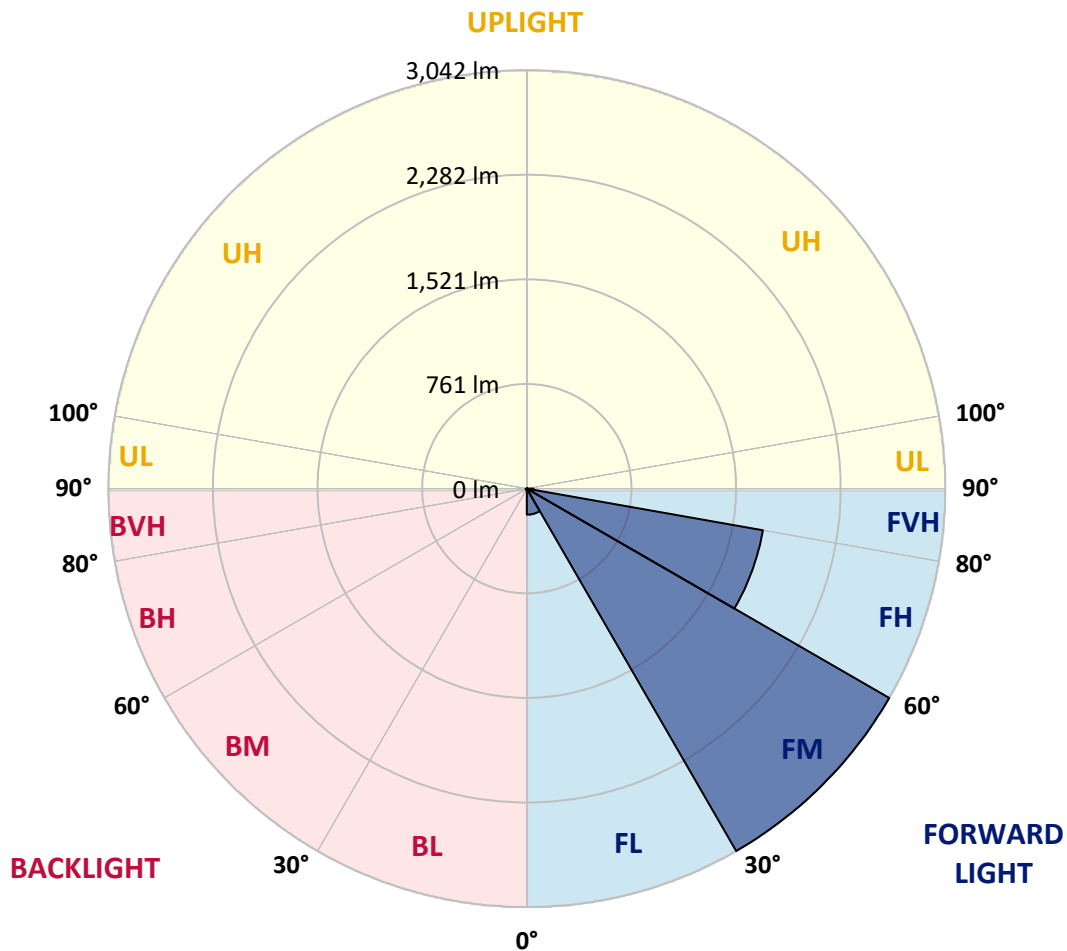
CATALOG NUMBER: GALN-SA2A-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	189.4	3.8			
FM	(30°-60°)	3042.2	60.3			
FH	(60°-80°)	1742.8	34.6			G1/1800
FVH	(80°-90°)	48.2	1.0			G1/100
BL	(0°-30°)	4.8	0.1	B0/110		
BM	(30°-60°)	8.2	0.2	B0/220		
BH	(60°-80°)	7.6	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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-G1

Type II Short



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CATALOG NUMBER: GALN-SA2A-930-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
2.5°	37.5	37.8	37.1	35.7	34.7	34.7	34.4	33.3	33.3	32.3	31.6
5°	52.4	51.7	50.3	47.5	45.1	42.7	40.3	37.8	37.5	34.4	32.3
7.5°	85.7	86.4	81.9	73.2	65.9	56.6	47.9	42.7	42.0	36.8	32.6
10°	188.1	182.9	172.5	138.8	114.2	86.1	63.8	49.6	48.9	39.6	33.3
12.5°	342.8	338.7	319.6	284.9	221.4	154.1	93.3	61.4	59.3	42.0	33.7
15°	494.1	487.5	477.1	442.1	367.8	276.2	152.7	84.0	78.4	45.5	33.3
17.5°	590.6	591.6	582.2	567.3	519.4	408.8	263.7	125.3	114.5	51.7	32.6
20°	674.9	672.5	677.7	669.7	636.0	555.5	383.8	198.5	180.1	61.8	33.0
22.5°	772.1	777.9	781.8	780.0	742.9	674.2	520.1	297.0	273.8	80.2	34.0
25°	902.2	901.5	901.8	897.3	861.2	784.9	656.9	419.5	395.9	110.0	36.4
27.5°	1038.5	1042.7	1044.4	1028.1	980.9	906.0	783.5	553.4	525.7	157.9	39.6
30°	1224.9	1221.4	1213.4	1180.1	1122.9	1029.9	908.4	694.0	664.8	224.8	44.4
32.5°	1476.1	1472.3	1432.0	1358.5	1272.8	1158.9	1034.0	834.9	799.5	308.5	51.0
35°	1890.0	1895.9	1797.1	1606.6	1452.8	1314.0	1173.2	975.0	943.8	411.5	60.0
37.5°	2524.0	2491.7	2357.4	2020.9	1689.8	1507.7	1306.1	1116.6	1089.5	538.5	71.8
40°	3139.9	3108.0	3069.1	2750.2	2101.7	1721.1	1492.1	1282.8	1247.8	681.8	89.2
42.5°	3787.4	3769.7	3768.0	3527.5	2853.3	2056.6	1715.9	1477.5	1447.6	839.0	117.6
45°	4246.1	4228.4	4265.5	4307.5	3876.9	2775.6	2105.5	1730.4	1687.1	1029.9	163.1
47.5°	4307.9	4308.6	4407.8	4539.3	4637.5	3887.7	2624.6	2065.6	2012.9	1302.9	239.4
50°	4102.5	4110.4	4268.3	4503.6	4768.0	4820.7	3540.0	2552.1	2474.0	1626.7	347.7
52.5°	3711.4	3720.4	3940.4	4327.3	4647.9	5044.9	4617.7	3188.5	3098.6	2030.6	500.4
55°	3359.2	3364.8	3617.0	4105.9	4503.2	4923.1	5257.6	4038.3	3920.3	2527.5	651.0
57.5°	3010.5	2997.6	3161.8	3721.5	4478.6	4773.5	5352.0	5006.7	4876.6	3070.5	768.2
60°	2544.1	2522.6	2654.5	3010.5	4154.5	4871.7	5175.3	5542.5	5513.0	3826.6	858.8
61°	2275.9	2266.9	2399.4	2704.8	3881.8	4846.7	5133.0	5565.0	5568.1	4184.3	899.4
62.5°	1625.3	1651.0	1853.6	2250.6	3251.3	4684.7	5138.6	5495.3	5526.1	4659.7	1004.5
65°	722.4	763.7	921.3	1244.3	1890.7	3897.0	5089.3	5342.2	5327.0	4790.2	1366.8
67.5°	428.5	434.8	513.2	705.1	1001.4	2096.2	4491.1	5140.0	5119.5	4170.1	1700.6
70°	337.6	340.7	365.7	442.4	581.2	802.9	2563.2	4447.0	4536.2	3381.4	1664.9
72.5°	320.3	319.6	323.0	336.6	366.1	398.3	992.4	2956.0	3137.5	2435.2	1395.9
75°	316.1	314.7	311.2	306.0	265.1	234.6	307.4	1307.5	1412.6	1663.8	1051.0
77.5°	306.7	307.1	307.8	293.6	227.3	165.9	148.9	419.5	516.0	1055.9	747.1
80°	207.5	210.6	215.8	210.3	204.4	120.1	105.1	149.2	151.3	592.7	493.4
82.5°	105.1	105.1	102.7	91.6	79.1	78.1	83.6	108.3	109.6	299.8	232.1
85°	63.5	67.0	68.4	62.1	56.9	52.4	63.8	86.1	89.2	116.2	54.1
87.5°	14.2	14.6	16.0	21.2	30.9	42.0	59.3	78.8	80.2	74.6	6.6
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-SA2A-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
2.5°	31.2	30.5	30.2	29.1	28.1	27.1	26.4	26.0	26.4	26.7	26.7
5°	30.9	29.8	28.1	26.4	25.0	23.6	22.2	21.9	21.9	22.2	22.2
7.5°	30.9	29.1	26.7	24.6	22.6	20.5	19.4	18.7	19.1	19.1	19.1
10°	30.9	28.8	25.7	22.6	20.1	17.7	16.0	15.3	15.3	15.3	15.3
12.5°	30.5	28.5	24.6	20.8	17.3	14.6	12.5	11.5	11.8	11.8	11.8
15°	29.8	27.4	23.2	17.7	13.9	11.1	9.0	8.0	8.3	9.0	9.4
17.5°	28.8	26.4	20.8	14.9	11.1	8.3	6.2	5.6	5.9	6.9	6.9
20°	28.5	25.3	18.4	12.1	8.3	5.9	4.2	3.5	3.8	5.2	5.6
22.5°	28.5	24.6	16.7	10.1	6.2	3.8	2.4	1.4	1.4	2.4	2.4
25°	28.8	24.3	15.3	8.3	4.5	2.8	1.4	0.7	1.4	3.8	4.5
27.5°	29.5	23.9	14.6	6.9	3.5	2.4	1.0	2.4	4.2	4.2	4.2
30°	30.2	23.2	13.5	5.9	3.1	1.7	1.7	3.5	3.5	4.2	4.5
32.5°	31.2	22.9	12.8	5.2	2.4	1.4	2.4	2.1	2.1	2.4	2.8
35°	33.3	23.2	12.1	5.2	2.4	1.7	2.1	1.0	0.7	0.7	0.7
37.5°	36.1	23.6	11.1	4.5	2.1	2.1	1.0	0.0	0.0	0.0	0.0
40°	40.6	24.6	10.4	4.2	1.7	1.7	0.3	0.0	0.0	0.0	0.0
42.5°	48.2	26.7	10.1	3.8	1.7	1.4	0.0	0.0	0.0	0.0	0.0
45°	63.5	31.6	9.4	3.5	1.7	0.7	0.0	0.0	0.0	0.0	0.0
47.5°	91.3	43.0	9.0	2.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	133.2	58.3	8.7	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	170.0	61.4	5.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	174.2	42.3	4.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	138.8	27.4	3.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	105.1	20.8	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	101.0	18.7	3.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	111.4	16.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	181.1	13.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	314.7	11.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	397.6	11.1	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	346.6	10.1	2.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	208.5	8.7	2.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	109.3	6.6	2.1	1.7	1.0	0.3	0.0	0.0	0.0	0.0	0.0
80°	53.1	5.9	2.4	1.7	1.4	0.7	0.0	0.0	0.0	0.0	0.0
82.5°	20.8	4.9	2.8	2.4	1.7	1.0	0.3	0.0	0.0	0.0	0.0
85°	9.4	4.2	3.1	2.8	2.4	1.4	0.3	0.0	0.0	0.0	0.0
87.5°	4.9	3.8	3.5	3.1	2.4	1.7	0.7	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

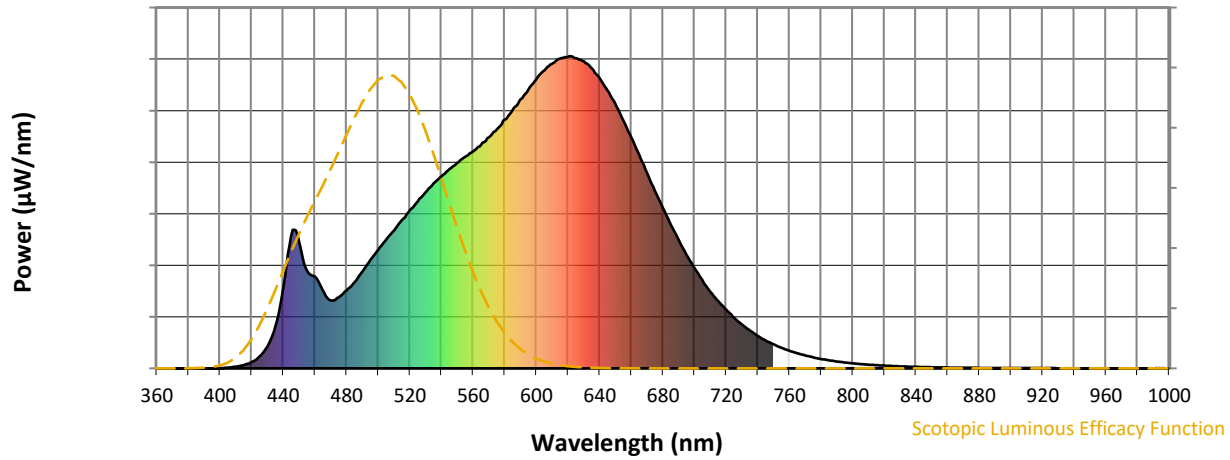


Photopic Lumens: NR

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



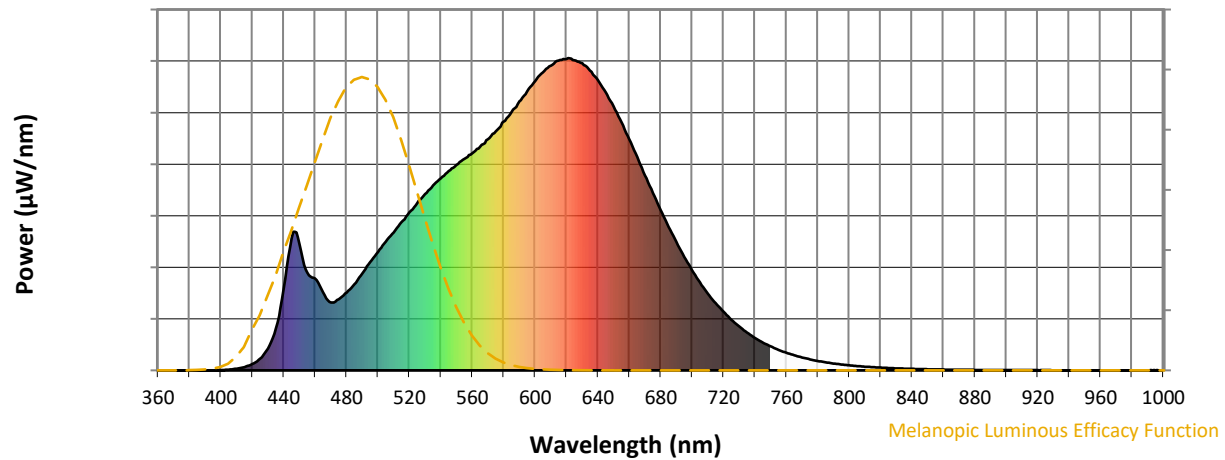
Scotopic Lumens: NR

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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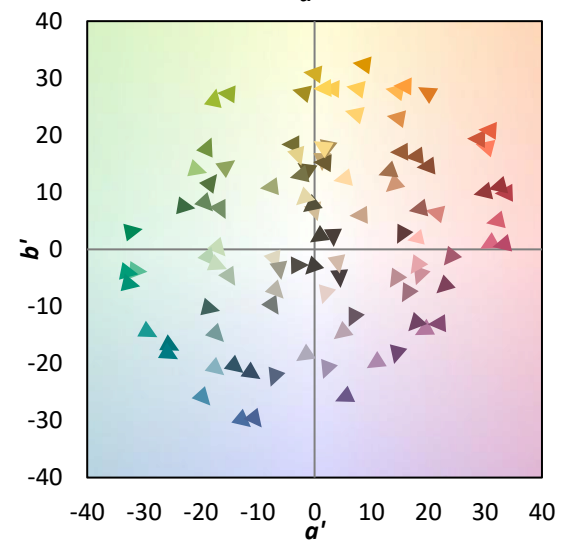
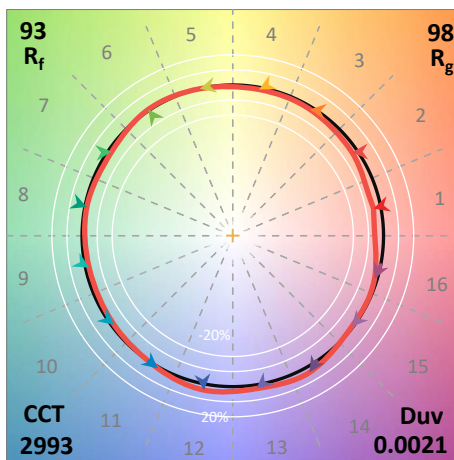
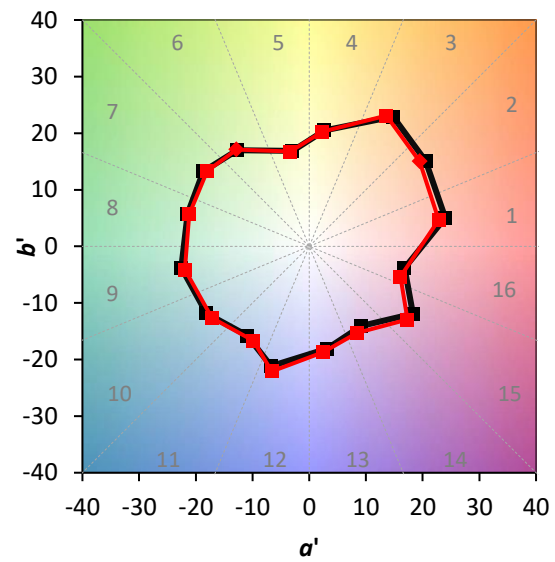
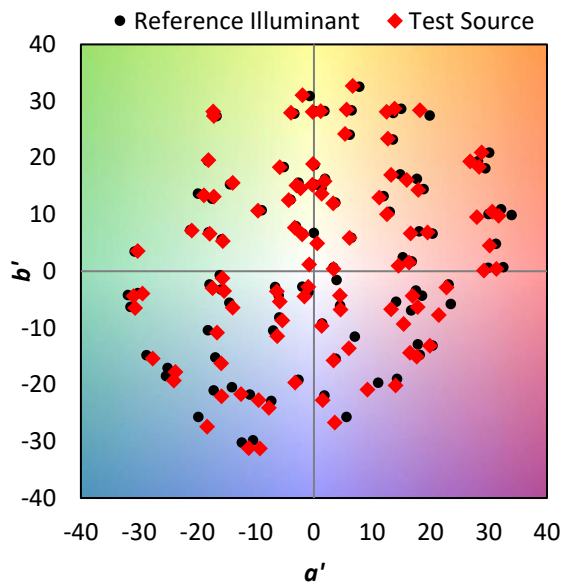
TM-30-18

Summary

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

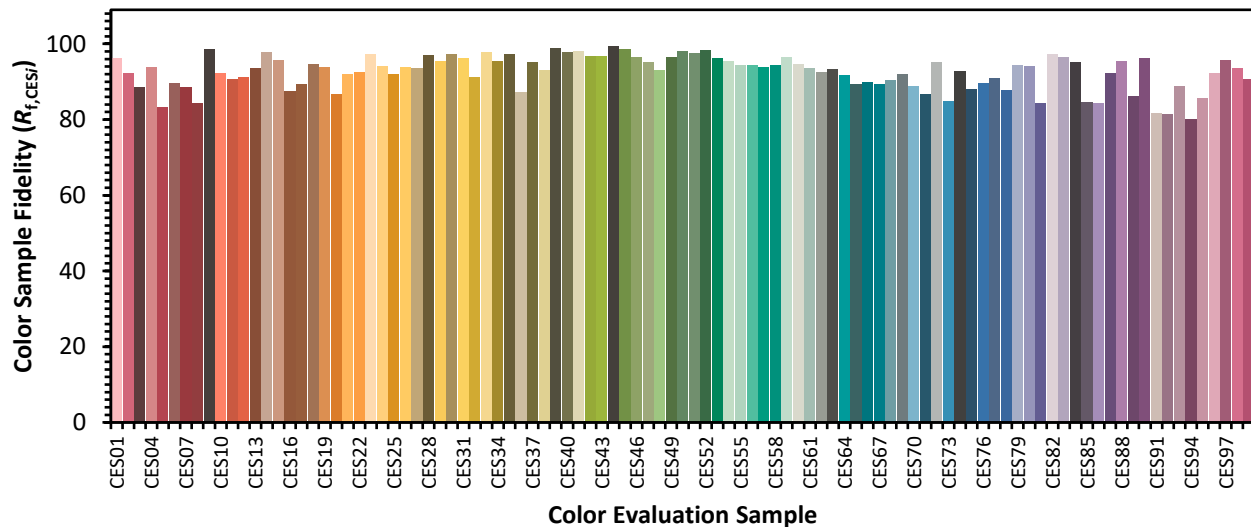


Color Vector Graphics



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)