

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: P1047515

Luminaire Tested: **GALN-SA9C-930-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047515
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35727.7 lumens
Efficiency: N/A
Efficacy: 85.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 417.1
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

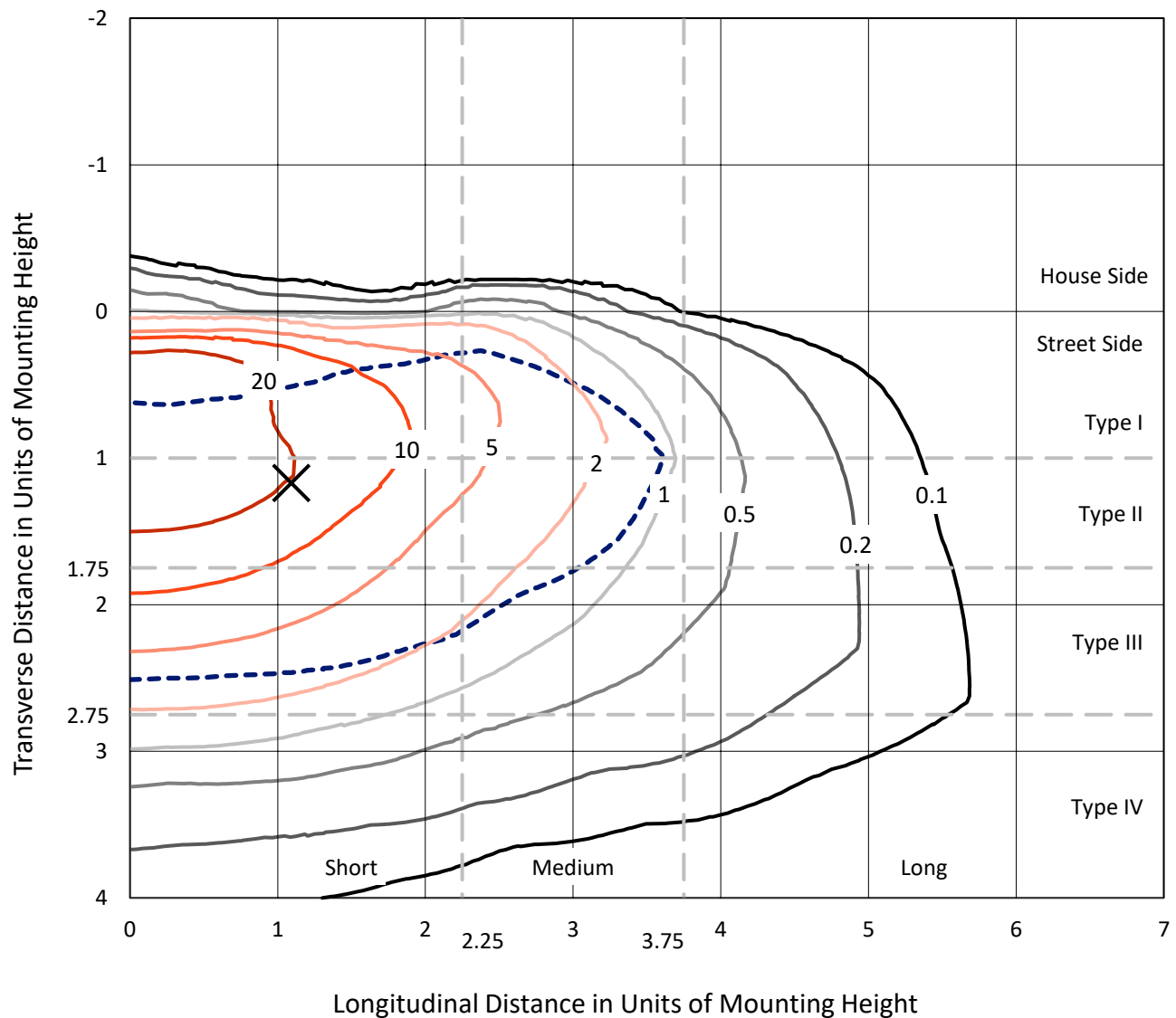


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CATALOG NUMBER: GALN-SA9C-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

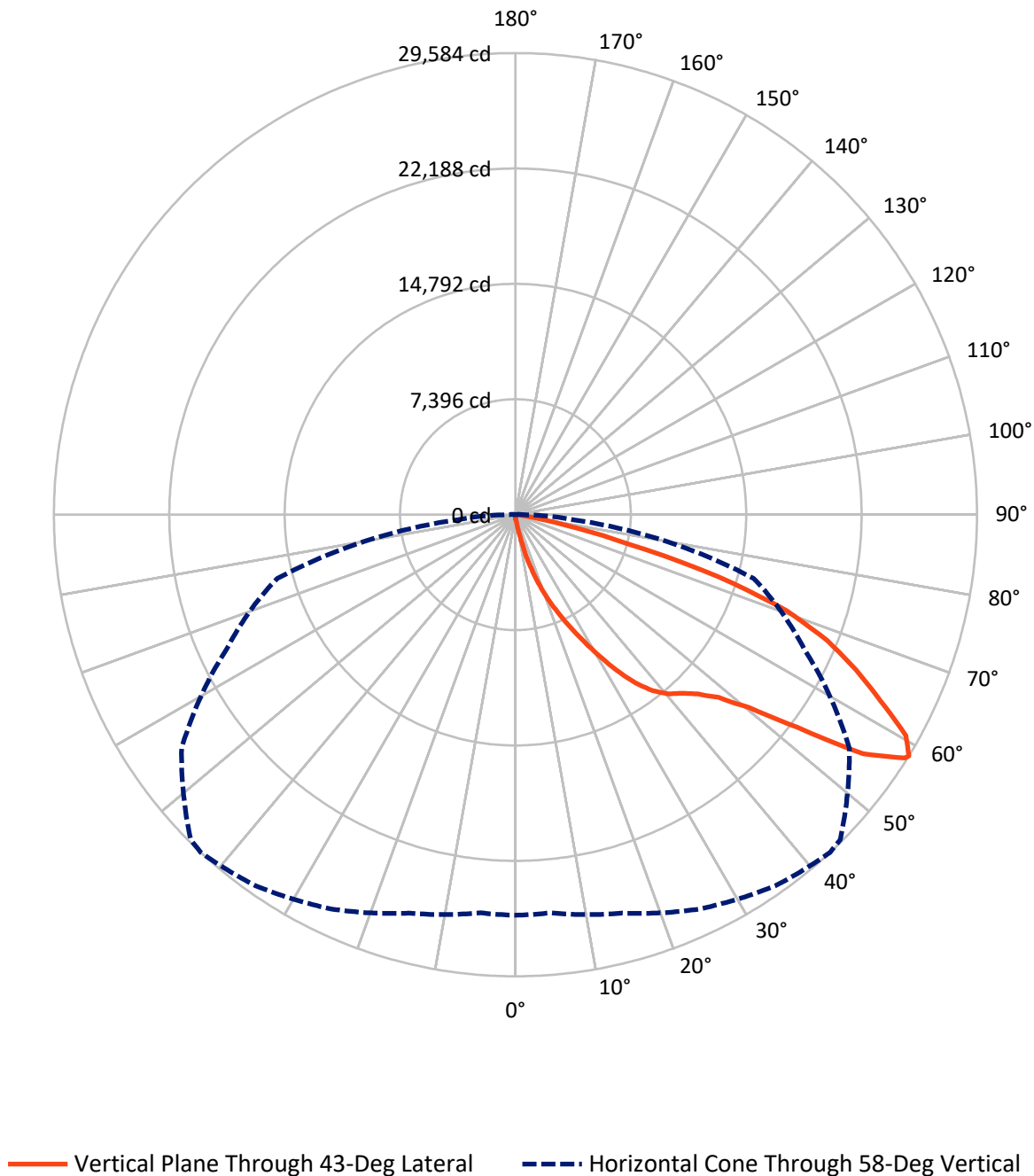


Based on 15 foot mounting height. Maximum calculated value = 40.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	130.4	0.0	130.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35597.3	0.0	35597.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	35727.7	0.0	35727.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.2	0.1
10°-20°	410.7	1.1
20°-30°	1480.2	4.1
30°-40°	3386.8	9.5
40°-50°	5712.2	16.0
50°-60°	9426.4	26.4
60°-70°	10535.3	29.5
70°-80°	4349.8	12.2
80°-90°	392.1	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°	35727.7	100.0
0°-180°	35727.7	100.0



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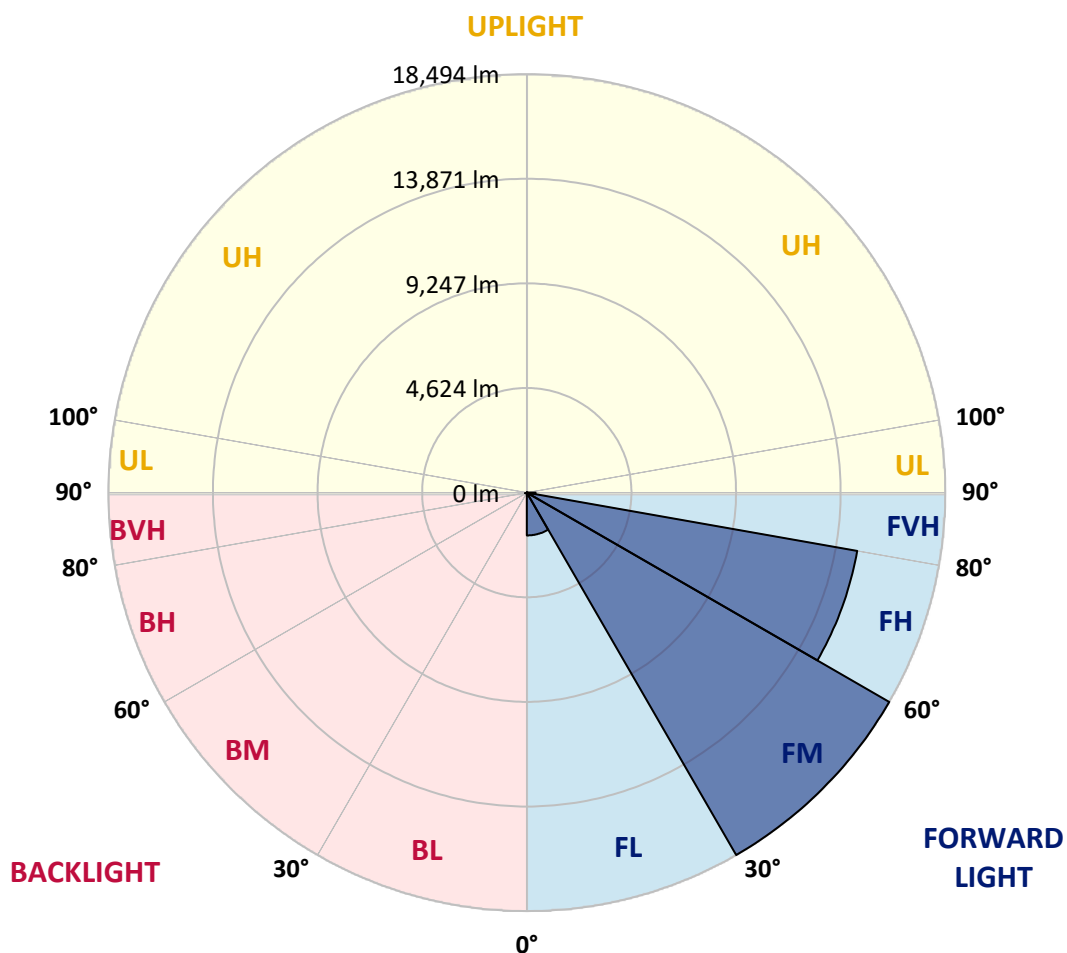
CATALOG NUMBER: GALN-SA9C-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1891.1	5.3			
FM	(30°-60°)	18494.0	51.8			
FH	(60°-80°)	14825.3	41.5			G5
FVH	(80°-90°)	386.8	1.1			G3/500
BL	(0°-30°)	34.0	0.1	B0/110		
BM	(30°-60°)	31.3	0.1	B0/220		
BH	(60°-80°)	59.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.4	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-G5

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6
2.5°	280.3	289.7	280.3	280.3	280.3	271.0	271.0	261.6	261.6	252.3	243.0
5°	411.1	411.1	383.1	364.4	345.7	336.4	327.0	308.4	289.7	271.0	252.3
7.5°	915.7	915.7	831.6	719.5	570.0	485.9	467.2	383.1	327.0	289.7	252.3
10°	2186.6	2186.6	1999.7	1691.3	1308.2	971.8	869.0	551.3	392.5	308.4	261.6
12.5°	3634.9	3681.6	3448.0	3055.6	2485.6	1896.9	1691.3	1009.2	523.3	336.4	261.6
15°	4933.8	4821.6	4756.2	4382.5	3840.5	3139.7	2878.0	1700.7	756.9	383.1	261.6
17.5°	5812.1	5812.1	5718.7	5466.4	4971.1	4354.4	4139.5	2747.2	1224.1	439.2	271.0
20°	6840.0	6840.0	6671.8	6494.3	6055.1	5531.8	5326.2	3905.9	1896.9	560.7	271.0
22.5°	8082.8	8101.5	7914.6	7596.9	7176.4	6597.1	6419.5	4980.5	2747.2	747.5	280.3
25°	9596.6	9615.2	9344.3	9045.2	8400.5	7774.4	7503.4	6213.9	3784.4	1046.6	280.3
27.5°	11269.2	11400.0	10998.2	10484.3	9802.1	9017.2	8811.6	7325.9	4812.3	1476.4	299.0
30°	13353.0	13353.0	12820.3	12100.8	11362.6	10390.8	10129.2	8493.9	5905.6	2046.4	317.7
32.5°	15147.1	15006.9	14324.8	13567.9	12783.0	11876.6	11596.2	9718.0	7026.9	2756.6	355.1
35°	16520.7	16399.2	15558.2	14745.2	14063.1	13231.5	12895.1	11044.9	8213.6	3560.2	411.1
37.5°	17698.0	17651.3	16511.3	15492.8	15044.3	14315.4	14016.4	12297.1	9381.6	4429.2	476.6
40°	18987.5	18838.0	17623.3	16361.8	15689.0	15100.3	14829.3	13306.2	10503.0	5447.7	570.0
42.5°	20090.2	19912.6	18819.3	17585.9	16436.6	15642.3	15380.7	14156.6	11596.2	6466.2	691.5
45°	21314.3	21220.8	20118.2	19183.8	17651.3	16380.5	16034.8	14838.7	12596.1	7681.0	850.3
47.5°	23155.1	22986.9	21959.0	21192.8	19417.4	17501.8	17006.6	15539.5	13558.5	8877.1	1093.3
50°	25294.9	25182.8	24575.4	23968.0	22202.0	19417.4	18828.7	16548.7	14633.1	10297.4	1411.0
52.5°	27042.3	27023.6	27098.4	27107.7	25771.5	22641.2	21762.8	18174.6	15866.6	11699.0	1859.5
55°	27004.9	27089.0	27911.3	28855.1	28957.9	27042.3	26192.0	20912.5	17473.8	13427.7	2485.6
57.5°	25995.7	25930.3	26799.4	28219.7	29219.5	29425.1	29284.9	25164.1	19893.9	15511.5	3448.0
58°	25668.7	25612.6	26434.9	27883.3	29032.6	29583.9	29443.8	26126.6	20435.9	15810.5	3709.7
60°	24482.0	24491.3	24977.2	26294.8	27444.1	28752.3	28883.1	28873.8	23136.4	17810.2	5027.2
62.5°	22912.1	22837.4	23285.9	24360.5	25369.7	26248.0	26472.3	29060.7	27089.0	20351.8	7540.8
65°	20744.3	20632.1	21108.7	22323.4	23407.4	23977.4	23986.7	26556.4	28948.5	23080.3	11129.0
67.5°	16716.9	16623.4	17576.6	19137.1	20809.7	21557.2	21893.6	23043.0	27378.7	24930.5	13184.8
70°	10241.3	10437.5	11764.4	14212.6	17072.0	18445.6	18950.2	19305.3	23313.9	24650.2	11026.2
72.5°	4728.2	4494.6	5625.2	7335.2	10596.4	13652.0	14175.2	15567.5	18483.0	21398.4	8223.0
75°	2205.2	2121.1	2382.8	3205.1	4803.0	7372.6	8325.7	12427.9	14175.2	14885.4	5933.6
77.5°	1130.7	1140.0	1354.9	1457.7	1981.0	3410.7	3915.2	8176.2	10390.8	8307.1	3980.7
80°	495.2	513.9	523.3	570.0	803.6	1317.5	1485.7	3793.8	7101.6	4233.0	2177.2
82.5°	317.7	327.0	327.0	327.0	383.1	523.3	598.0	1523.1	3541.5	2102.5	672.8
85°	168.2	168.2	186.9	233.6	271.0	317.7	336.4	485.9	1168.0	626.1	158.9
87.5°	93.4	102.8	112.1	140.2	177.5	214.9	233.6	336.4	448.5	429.8	37.4
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-SA9C-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6	233.6
2.5°	243.0	233.6	224.3	214.9	205.6	196.2	196.2	196.2	196.2	196.2	196.2
5°	233.6	224.3	214.9	196.2	177.5	168.2	158.9	149.5	149.5	149.5	149.5
7.5°	233.6	224.3	196.2	177.5	158.9	140.2	121.5	121.5	121.5	121.5	121.5
10°	233.6	214.9	186.9	158.9	130.8	112.1	102.8	93.4	93.4	93.4	93.4
12.5°	233.6	205.6	177.5	140.2	112.1	93.4	84.1	74.8	74.8	74.8	74.8
15°	233.6	205.6	168.2	130.8	102.8	74.8	65.4	56.1	56.1	56.1	56.1
17.5°	224.3	196.2	158.9	112.1	84.1	56.1	46.7	37.4	37.4	46.7	46.7
20°	214.9	186.9	140.2	93.4	65.4	46.7	28.0	28.0	28.0	28.0	28.0
22.5°	214.9	186.9	130.8	84.1	56.1	28.0	18.7	18.7	18.7	18.7	28.0
25°	214.9	177.5	112.1	65.4	37.4	18.7	9.3	9.3	9.3	9.3	9.3
27.5°	214.9	177.5	102.8	56.1	28.0	18.7	9.3	0.0	0.0	0.0	0.0
30°	205.6	168.2	93.4	46.7	18.7	9.3	0.0	0.0	0.0	0.0	0.0
32.5°	205.6	158.9	74.8	37.4	18.7	9.3	0.0	0.0	0.0	0.0	0.0
35°	214.9	149.5	65.4	28.0	9.3	0.0	0.0	0.0	0.0	0.0	9.3
37.5°	224.3	140.2	56.1	18.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	233.6	130.8	56.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	252.3	130.8	46.7	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	271.0	130.8	37.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	308.4	140.2	37.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	336.4	149.5	28.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	373.8	140.2	28.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	420.5	140.2	28.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	457.9	130.8	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	476.6	121.5	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	570.0	112.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	887.7	93.4	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1803.4	84.1	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3363.9	74.8	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3765.7	84.1	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2373.4	65.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1252.1	65.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	626.1	65.4	9.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	289.7	46.7	9.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	121.5	28.0	18.7	9.3	9.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	56.1	28.0	18.7	18.7	9.3	9.3	0.0	0.0	0.0	0.0	0.0
87.5°	28.0	28.0	28.0	18.7	18.7	9.3	9.3	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

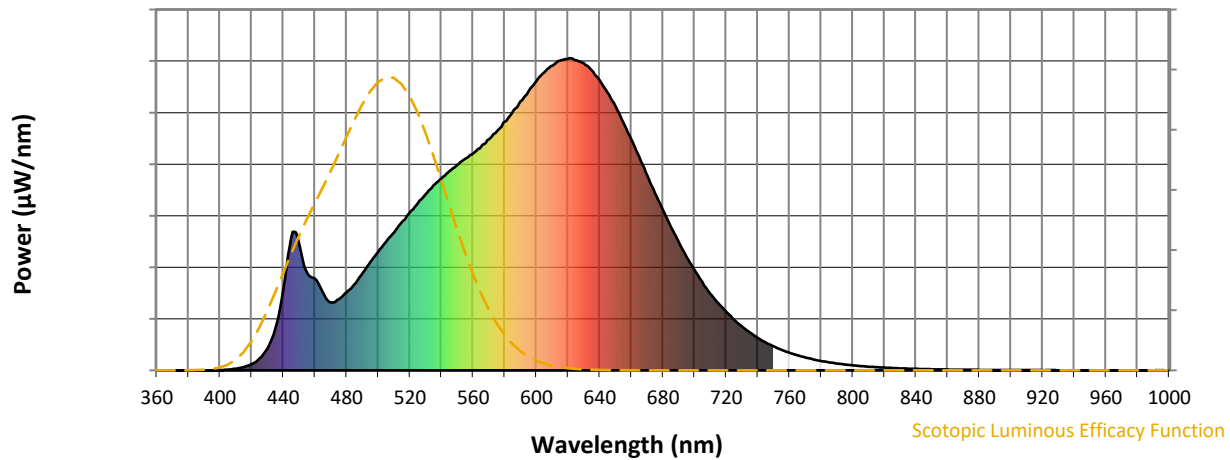


Photopic Lumens: NR

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



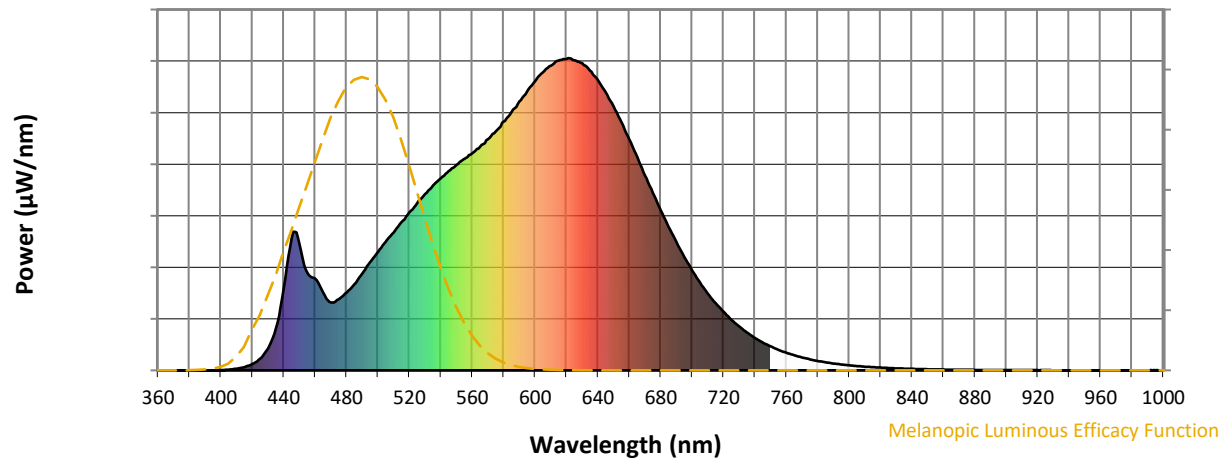
Scotopic Lumens: NR

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 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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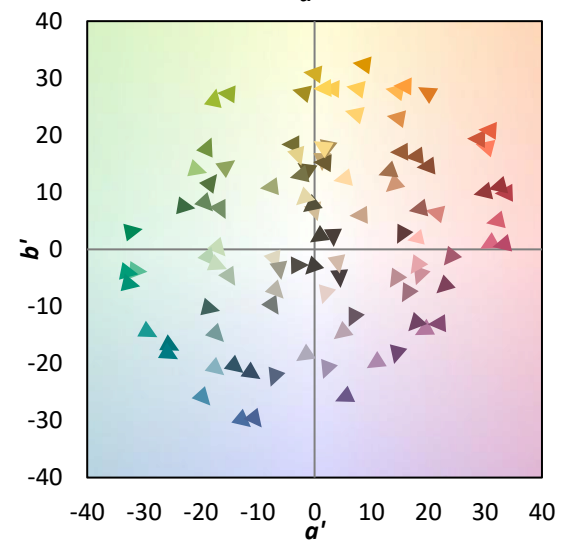
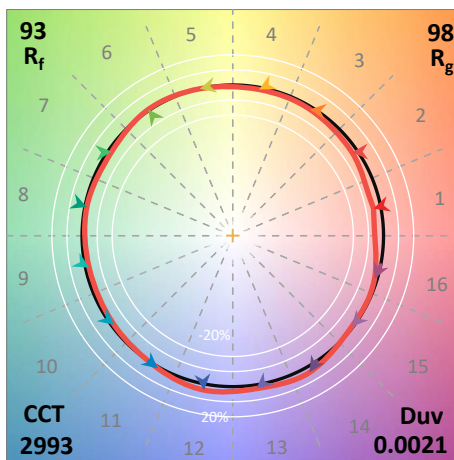
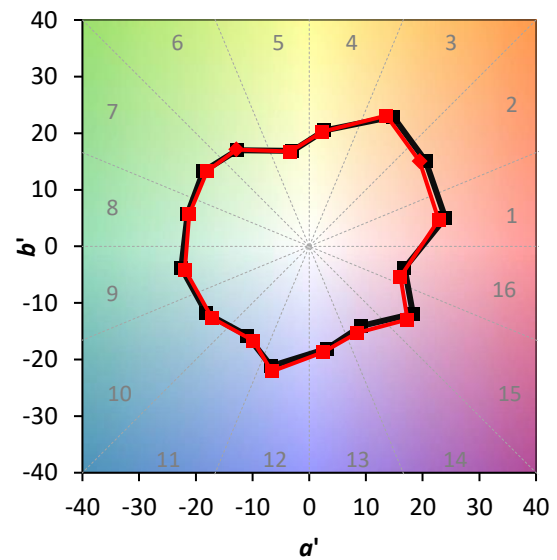
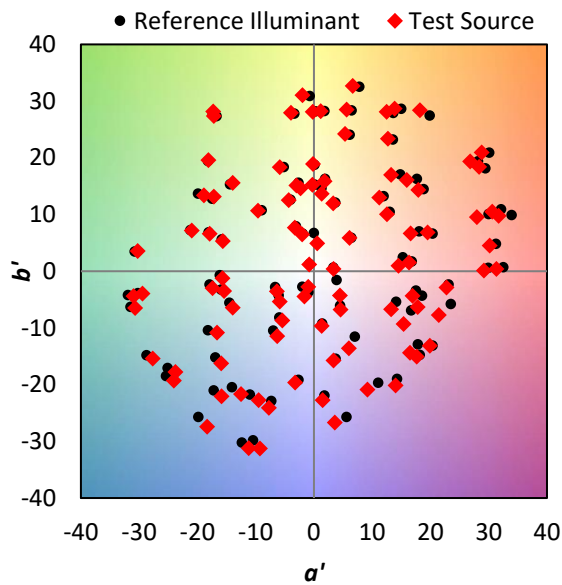
TM-30-18

Summary

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

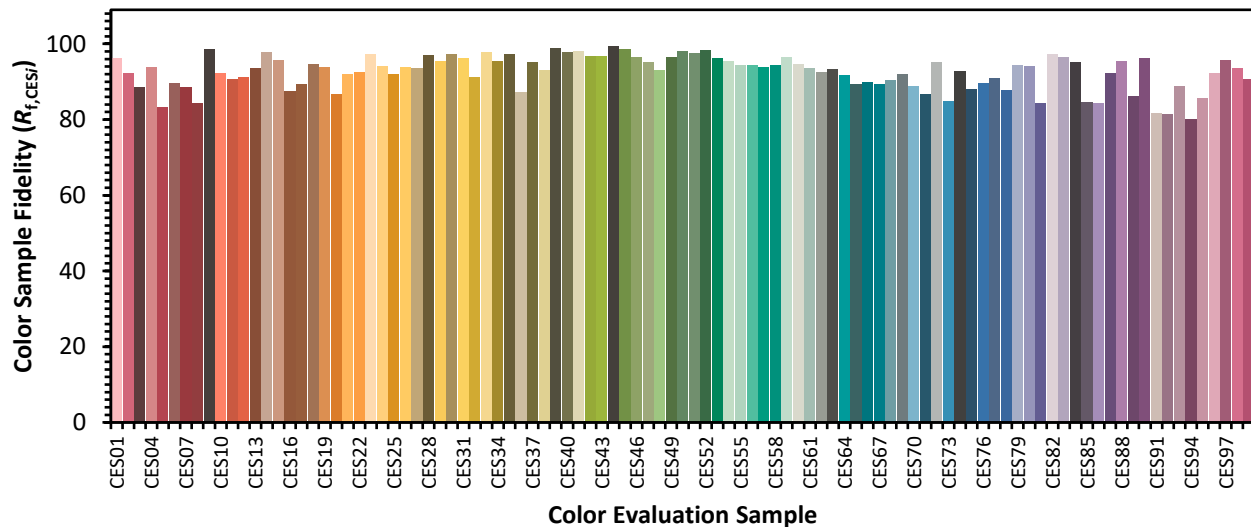


Color Vector Graphics



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)