

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: P1047383

Luminaire Tested: **GALN-SA3C-840-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047383
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-840-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16204.6 lumens
Efficiency: N/A
Efficacy: 115.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 140.4
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



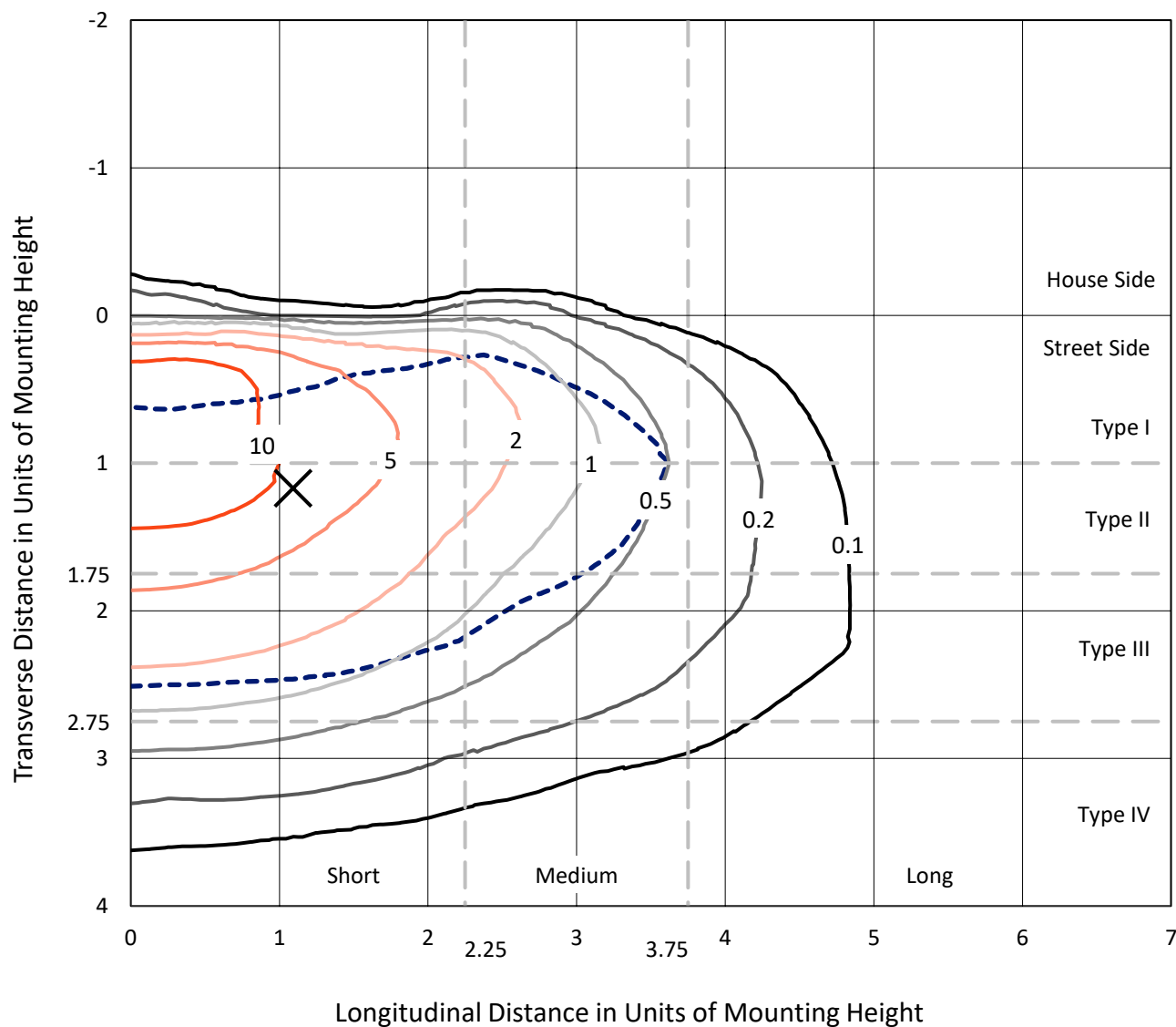
REPORT NUMBER: P1047383

CATALOG NUMBER: GALN-SA3C-840-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

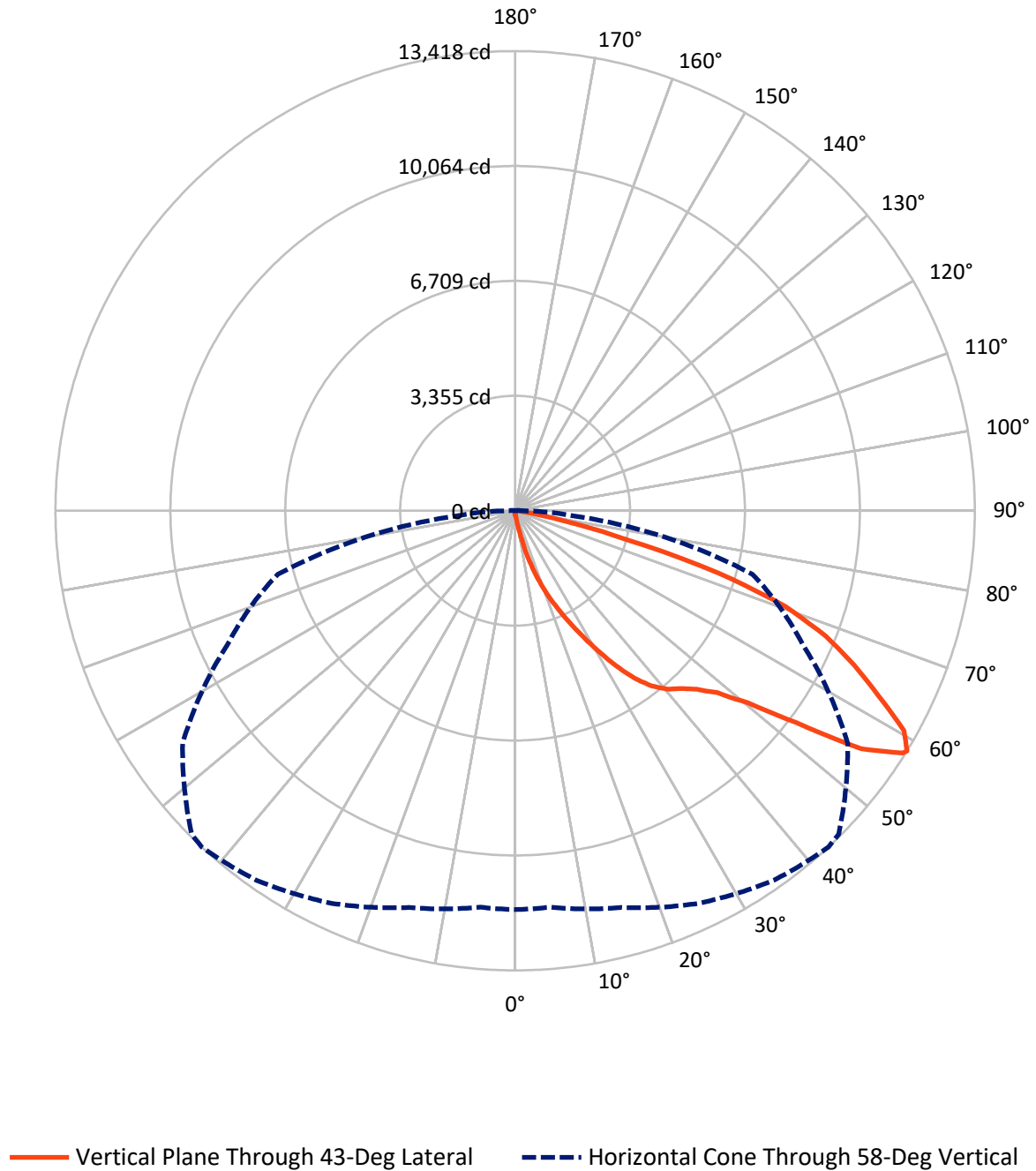


Based on 15 foot mounting height. Maximum calculated value = 18.2 fc
 Type III - Short - N/A

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CATALOG NUMBER: GALN-SA3C-840-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047383

CATALOG NUMBER: GALN-SA3C-840-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.2	0.0	59.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16145.5	0.0	16145.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	16204.6	0.0	16204.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.5	0.1
10°-20°	186.3	1.1
20°-30°	671.4	4.1
30°-40°	1536.1	9.5
40°-50°	2590.8	16.0
50°-60°	4275.4	26.4
60°-70°	4778.4	29.5
70°-80°	1972.9	12.2
80°-90°	177.9	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°	16204.6	100.0
0°-180°	16204.6	100.0



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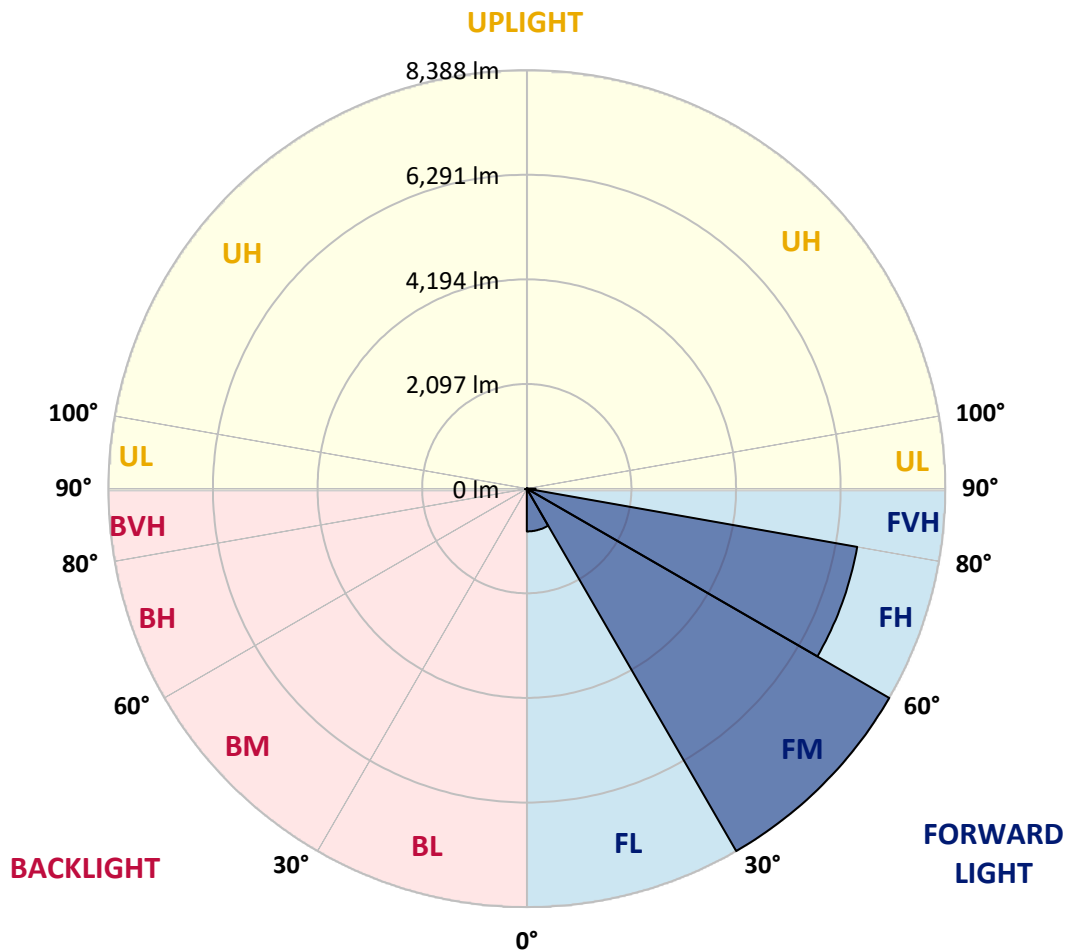
CATALOG NUMBER: GALN-SA3C-840-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	857.7	5.3			
FM	(30°-60°)	8388.1	51.8			
FH	(60°-80°)	6724.2	41.5			G3/7500
FVH	(80°-90°)	175.4	1.1			G2/225
BL	(0°-30°)	15.4	0.1	B0/110		
BM	(30°-60°)	14.2	0.1	B0/220		
BH	(60°-80°)	27.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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-G3

Type III Short



REPORT NUMBER: P1047383

CATALOG NUMBER: GALN-SA3C-840-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
2.5°	127.1	131.4	127.1	127.1	127.1	122.9	122.9	118.7	118.7	114.4	110.2
5°	186.5	186.5	173.8	165.3	156.8	152.6	148.3	139.9	131.4	122.9	114.4
7.5°	415.3	415.3	377.2	326.3	258.5	220.4	211.9	173.8	148.3	131.4	114.4
10°	991.7	991.7	907.0	767.1	593.3	440.8	394.2	250.1	178.0	139.9	118.7
12.5°	1648.7	1669.8	1563.9	1385.9	1127.4	860.4	767.1	457.7	237.3	152.6	118.7
15°	2237.8	2186.9	2157.2	1987.7	1741.9	1424.0	1305.4	771.3	343.3	173.8	118.7
17.5°	2636.1	2636.1	2593.8	2479.3	2254.7	1975.0	1877.5	1246.0	555.2	199.2	122.9
20°	3102.3	3102.3	3026.1	2945.5	2746.3	2509.0	2415.8	1771.6	860.4	254.3	122.9
22.5°	3666.0	3674.5	3589.7	3445.6	3254.9	2992.2	2911.6	2259.0	1246.0	339.1	127.1
25°	4352.6	4361.1	4238.2	4102.6	3810.1	3526.2	3403.3	2818.4	1716.5	474.7	127.1
27.5°	5111.2	5170.6	4988.3	4755.2	4445.9	4089.8	3996.6	3322.7	2182.7	669.6	135.6
30°	6056.4	6056.4	5814.8	5488.4	5153.6	4712.9	4594.2	3852.5	2678.5	928.2	144.1
32.5°	6870.1	6806.5	6497.1	6153.8	5797.8	5386.7	5259.6	4407.7	3187.1	1250.3	161.1
35°	7493.1	7438.0	7056.6	6687.9	6378.5	6001.3	5848.7	5009.5	3725.4	1614.7	186.5
37.5°	8027.1	8005.9	7488.9	7026.9	6823.5	6492.9	6357.3	5577.4	4255.1	2008.9	216.1
40°	8612.0	8544.2	7993.2	7421.1	7115.9	6848.9	6726.0	6035.2	4763.7	2470.9	258.5
42.5°	9112.1	9031.6	8535.7	7976.3	7455.0	7094.7	6976.0	6420.8	5259.6	2932.8	313.6
45°	9667.3	9624.9	9124.8	8701.0	8005.9	7429.5	7272.7	6730.2	5713.1	3483.8	385.7
47.5°	10502.2	10425.9	9959.7	9612.2	8806.9	7938.1	7713.5	7048.1	6149.6	4026.3	495.9
50°	11472.8	11421.9	11146.4	10870.9	10069.9	8806.9	8539.9	7505.8	6637.0	4670.5	640.0
52.5°	12265.3	12256.8	12290.7	12295.0	11688.9	10269.1	9870.7	8243.3	7196.4	5306.2	843.4
55°	12248.3	12286.5	12659.5	13087.5	13134.1	12265.3	11879.6	9485.1	7925.4	6090.3	1127.4
57.5°	11790.6	11761.0	12155.1	12799.3	13252.8	13346.0	13282.5	11413.4	9023.1	7035.4	1563.9
58°	11642.3	11616.9	11989.8	12646.7	13168.0	13418.1	13354.5	11850.0	9268.9	7171.0	1682.6
60°	11104.0	11108.3	11328.7	11926.2	12447.5	13040.9	13100.2	13096.0	10493.7	8078.0	2280.1
62.5°	10392.0	10358.1	10561.6	11048.9	11506.7	11905.1	12006.8	13180.7	12286.5	9230.8	3420.2
65°	9408.8	9357.9	9574.1	10125.0	10616.6	10875.2	10879.4	12044.9	13129.9	10468.3	5047.7
67.5°	7582.1	7539.7	7972.0	8679.8	9438.4	9777.5	9930.1	10451.4	12417.9	11307.5	5980.1
70°	4645.0	4734.1	5335.9	6446.3	7743.2	8366.2	8595.0	8756.1	10574.3	11180.3	5001.1
72.5°	2144.5	2038.6	2551.4	3327.0	4806.1	6192.0	6429.3	7060.8	8383.1	9705.4	3729.6
75°	1000.2	962.1	1080.7	1453.7	2178.4	3343.9	3776.2	5636.8	6429.3	6751.4	2691.2
77.5°	512.8	517.1	614.5	661.2	898.5	1546.9	1775.8	3708.4	4712.9	3767.7	1805.5
80°	224.6	233.1	237.3	258.5	364.5	597.6	673.9	1720.7	3221.0	1919.9	987.5
82.5°	144.1	148.3	148.3	148.3	173.8	237.3	271.2	690.8	1606.3	953.6	305.1
85°	76.3	76.3	84.8	106.0	122.9	144.1	152.6	220.4	529.8	284.0	72.0
87.5°	42.4	46.6	50.9	63.6	80.5	97.5	106.0	152.6	203.4	195.0	17.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1047383

CATALOG NUMBER: GALN-SA3C-840-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
2.5°	110.2	106.0	101.7	97.5	93.2	89.0	89.0	89.0	89.0	89.0	89.0
5°	106.0	101.7	97.5	89.0	80.5	76.3	72.0	67.8	67.8	67.8	67.8
7.5°	106.0	101.7	89.0	80.5	72.0	63.6	55.1	55.1	55.1	55.1	55.1
10°	106.0	97.5	84.8	72.0	59.3	50.9	46.6	42.4	42.4	42.4	42.4
12.5°	106.0	93.2	80.5	63.6	50.9	42.4	38.1	33.9	33.9	33.9	33.9
15°	106.0	93.2	76.3	59.3	46.6	33.9	29.7	25.4	25.4	25.4	25.4
17.5°	101.7	89.0	72.0	50.9	38.1	25.4	21.2	17.0	17.0	21.2	21.2
20°	97.5	84.8	63.6	42.4	29.7	21.2	12.7	12.7	12.7	12.7	12.7
22.5°	97.5	84.8	59.3	38.1	25.4	12.7	8.5	8.5	8.5	8.5	12.7
25°	97.5	80.5	50.9	29.7	17.0	8.5	4.2	4.2	4.2	4.2	4.2
27.5°	97.5	80.5	46.6	25.4	12.7	8.5	4.2	0.0	0.0	0.0	0.0
30°	93.2	76.3	42.4	21.2	8.5	4.2	0.0	0.0	0.0	0.0	0.0
32.5°	93.2	72.0	33.9	17.0	8.5	4.2	0.0	0.0	0.0	0.0	0.0
35°	97.5	67.8	29.7	12.7	4.2	0.0	0.0	0.0	0.0	0.0	4.2
37.5°	101.7	63.6	25.4	8.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	106.0	59.3	25.4	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	114.4	59.3	21.2	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	122.9	59.3	17.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	139.9	63.6	17.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	152.6	67.8	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	169.5	63.6	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	190.7	63.6	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	207.7	59.3	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	216.1	55.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	258.5	50.9	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	402.6	42.4	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	818.0	38.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1525.7	33.9	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1708.0	38.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1076.5	29.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	567.9	29.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	284.0	29.7	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	131.4	21.2	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	55.1	12.7	8.5	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.4	12.7	8.5	8.5	4.2	4.2	0.0	0.0	0.0	0.0	0.0
87.5°	12.7	12.7	12.7	8.5	8.5	4.2	4.2	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: SP1-2407-184-11

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 ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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 $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.06

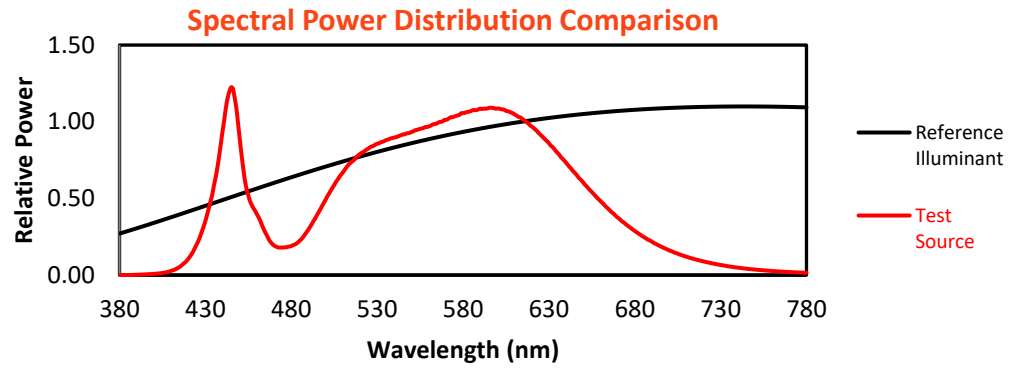
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	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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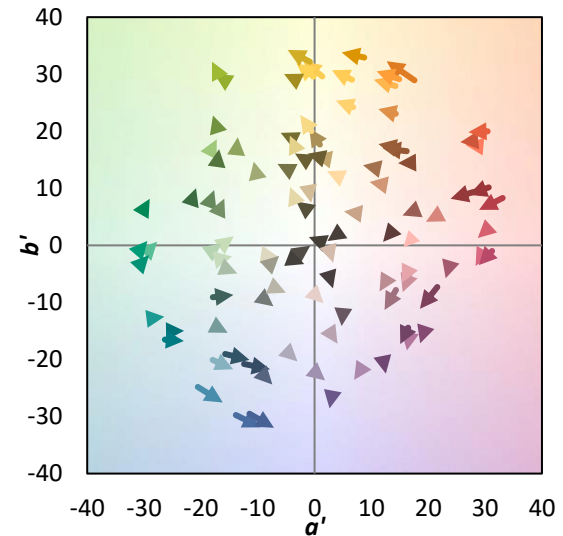
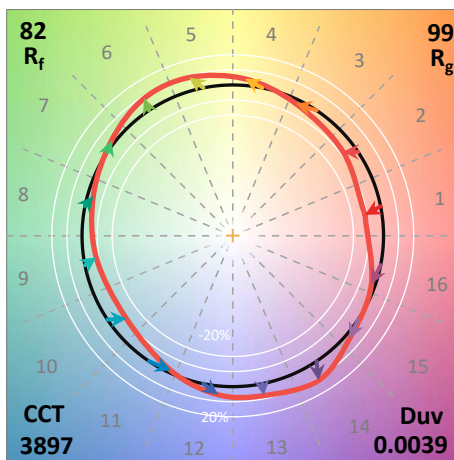
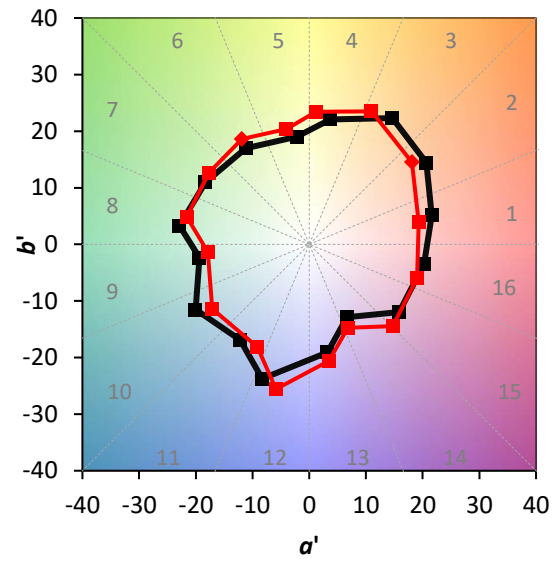
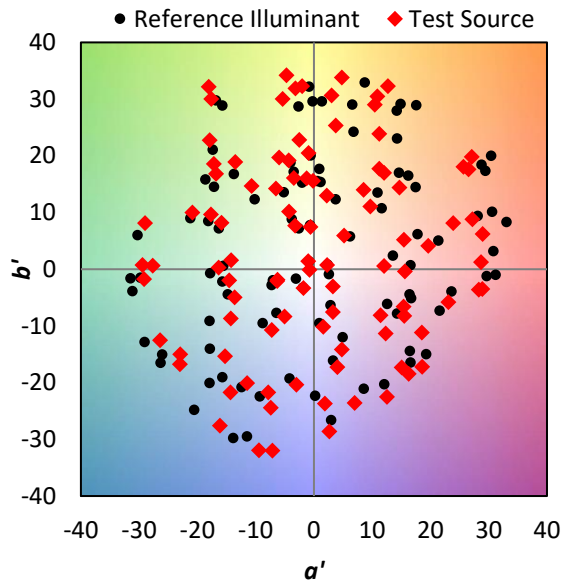
TM-30-18

Summary

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



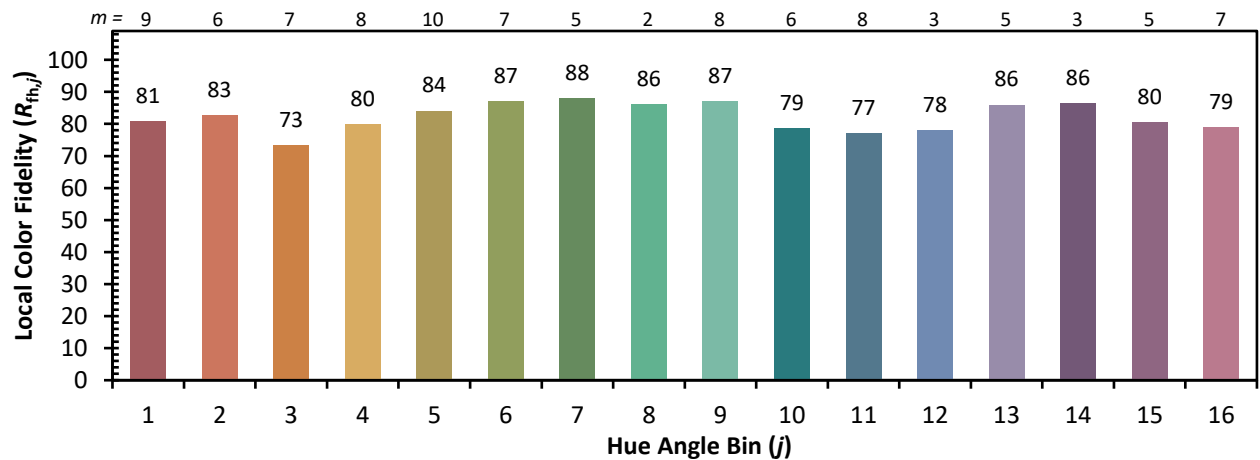
Color Vector Graphics



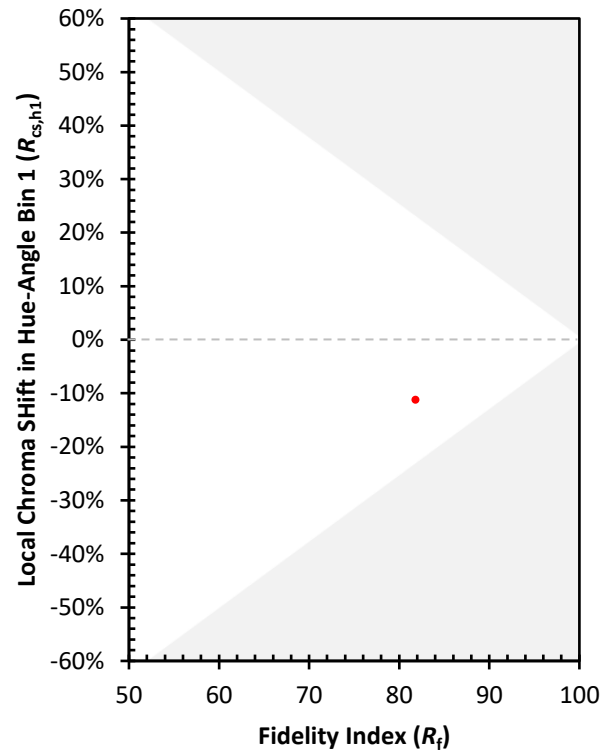
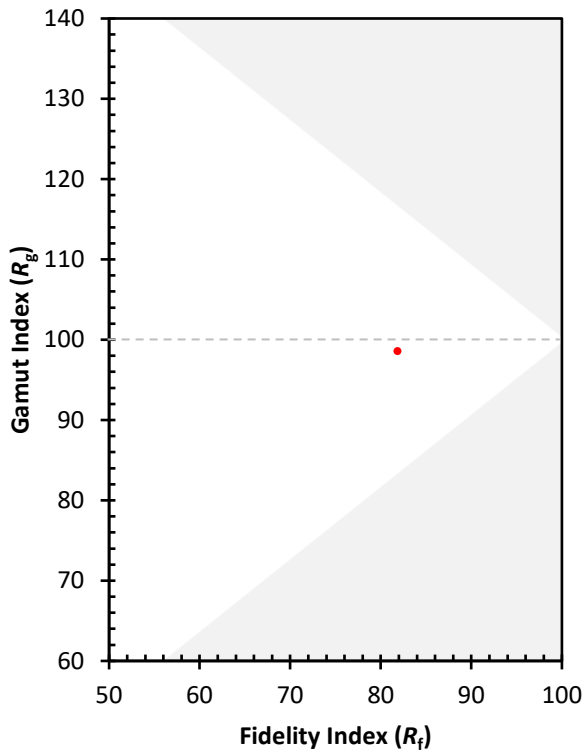
Individual Sample Fidelity Index ($R_{f,i}$)

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)