

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: P1047366

Luminaire Tested: **GALN-SA8B-835-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047366
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-835-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33668.9 lumens
Efficiency: N/A
Efficacy: 119.1 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): 282.8
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

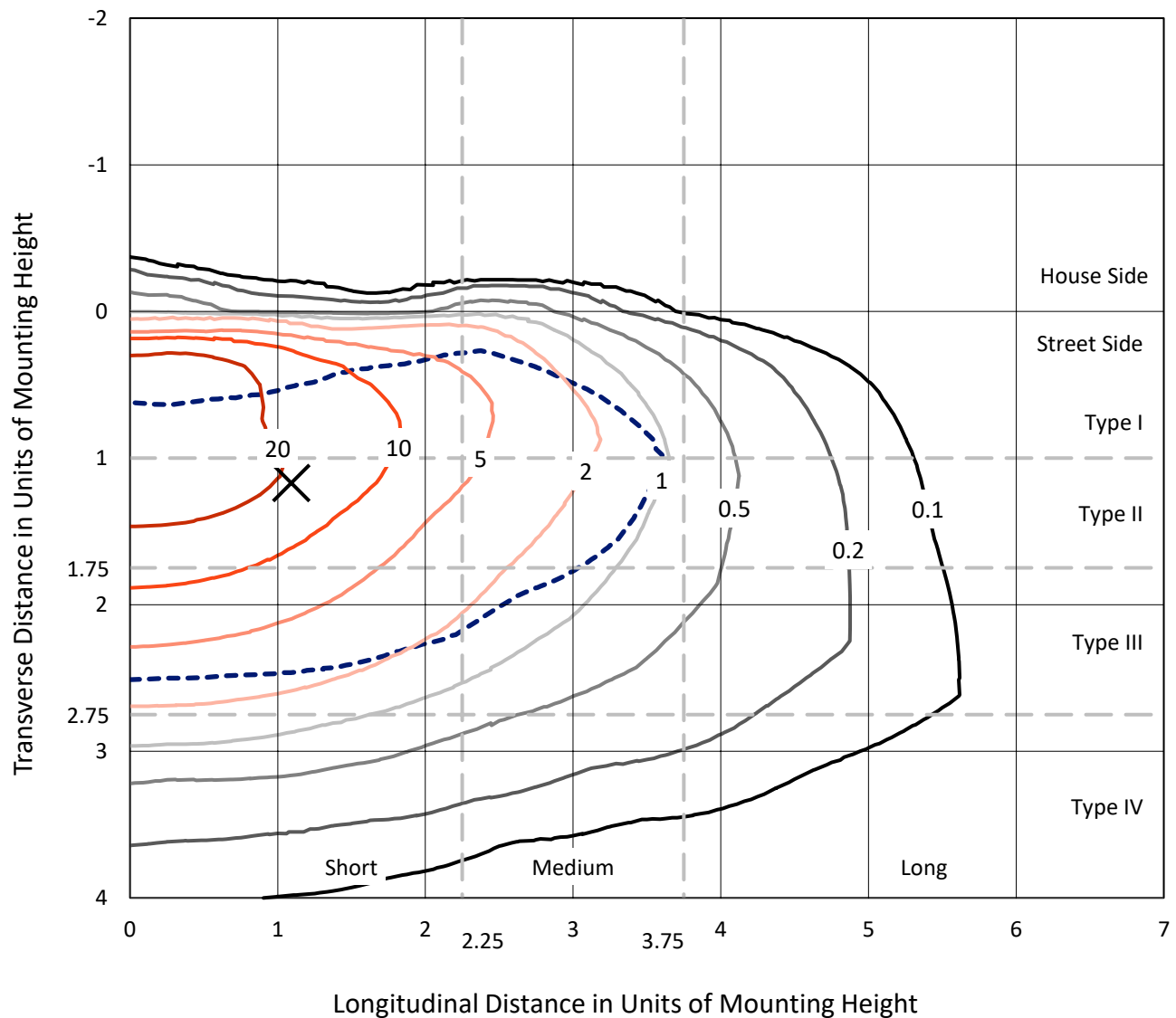


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

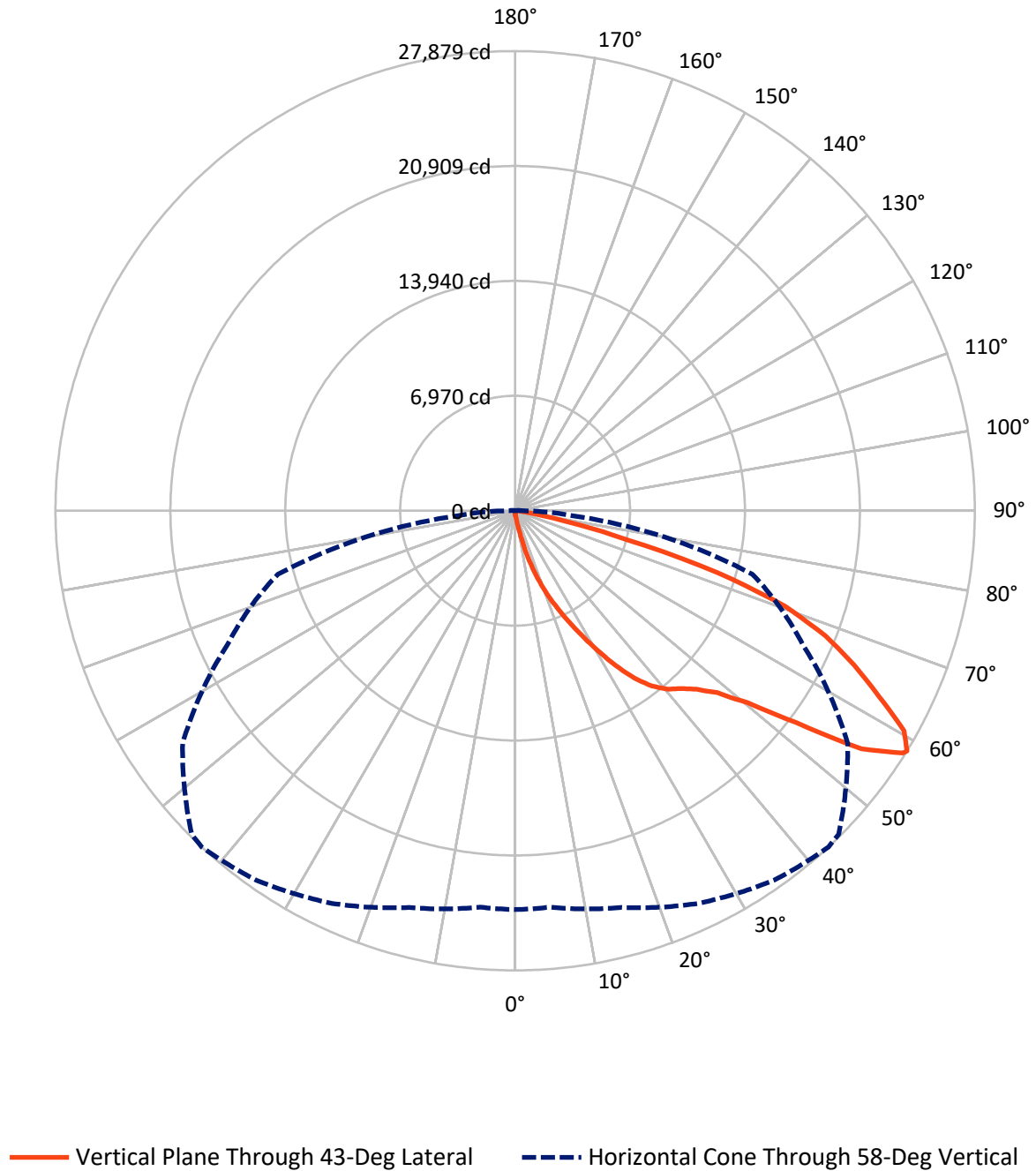


Based on 15 foot mounting height. Maximum calculated value = 37.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	122.9	0.0	122.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	33546.0	0.0	33546.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	33668.9	0.0	33668.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.3	0.1
10°-20°	387.0	1.1
20°-30°	1394.9	4.1
30°-40°	3191.6	9.5
40°-50°	5383.0	16.0
50°-60°	8883.2	26.4
60°-70°	9928.2	29.5
70°-80°	4099.2	12.2
80°-90°	369.5	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°	33668.9	100.0
0°-180°	33668.9	100.0



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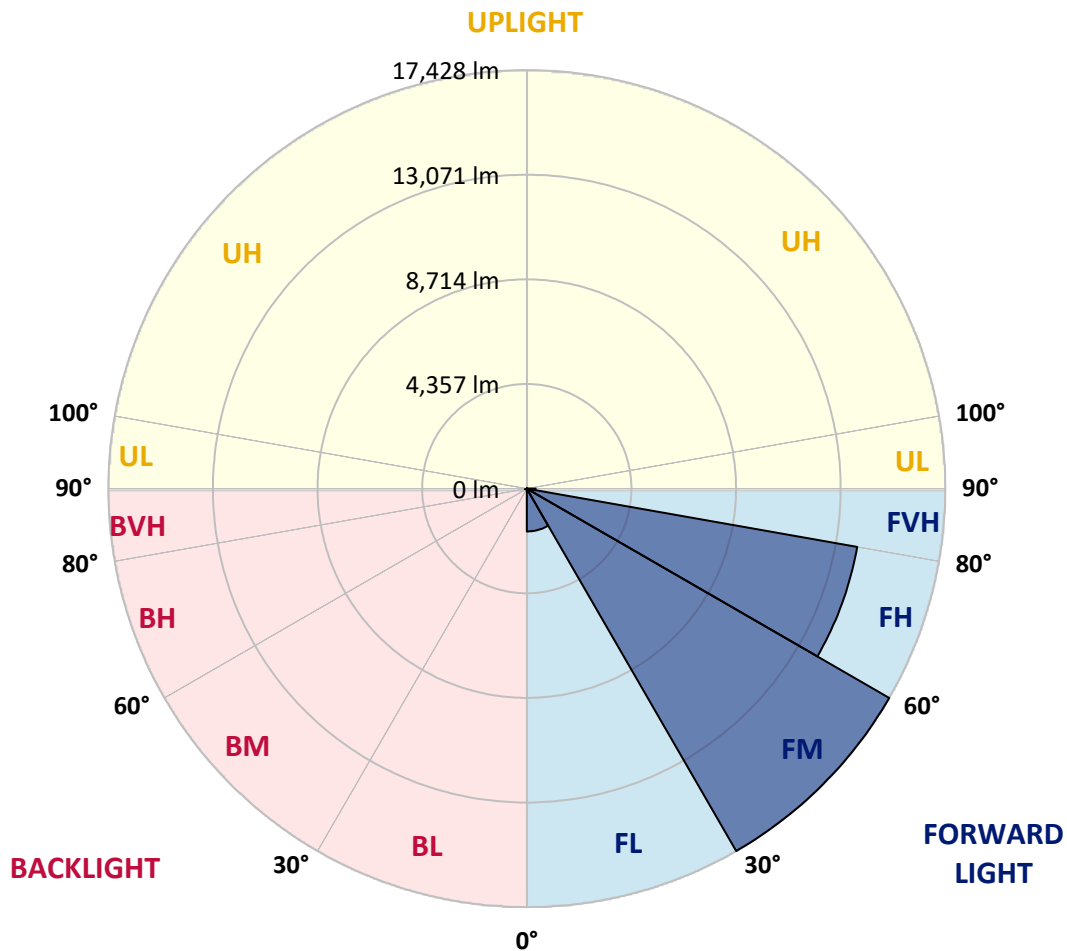
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1782.2	5.3			
FM	(30°-60°)	17428.3	51.8			
FH	(60°-80°)	13971.0	41.5			G5
FVH	(80°-90°)	364.5	1.1			G3/500
BL	(0°-30°)	32.1	0.1	B0/110		
BM	(30°-60°)	29.5	0.1	B0/220		
BH	(60°-80°)	56.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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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CATALOG NUMBER: GALN-SA8B-835-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1
2.5°	264.2	273.0	264.2	264.2	264.2	255.4	255.4	246.6	246.6	237.8	229.0
5°	387.5	387.5	361.0	343.4	325.8	317.0	308.2	290.6	273.0	255.4	237.8
7.5°	863.0	863.0	783.7	678.0	537.2	457.9	440.3	361.0	308.2	273.0	237.8
10°	2060.6	2060.6	1884.4	1593.9	1232.8	915.8	818.9	519.5	369.8	290.6	246.6
12.5°	3425.5	3469.5	3249.3	2879.5	2342.3	1787.6	1593.9	951.0	493.1	317.0	246.6
15°	4649.5	4543.8	4482.2	4129.9	3619.2	2958.8	2712.2	1602.7	713.3	361.0	246.6
17.5°	5477.2	5477.2	5389.2	5151.4	4684.7	4103.5	3901.0	2588.9	1153.6	413.9	255.4
20°	6445.9	6445.9	6287.4	6120.0	5706.2	5213.0	5019.3	3680.8	1787.6	528.3	255.4
22.5°	7617.0	7634.6	7458.5	7159.1	6762.9	6216.9	6049.6	4693.5	2588.9	704.5	264.2
25°	9043.6	9061.2	8805.8	8524.0	7916.4	7326.4	7071.1	5855.9	3566.4	986.3	264.2
27.5°	10619.8	10743.1	10364.4	9880.1	9237.3	8497.6	8303.9	6903.8	4535.0	1391.3	281.8
30°	12583.5	12583.5	12081.6	11403.5	10707.9	9792.1	9545.5	8004.5	5565.3	1928.5	299.4
32.5°	14274.2	14142.1	13499.3	12786.0	12046.4	11192.2	10928.0	9158.1	6622.0	2597.7	334.6
35°	15568.7	15454.2	14661.7	13895.6	13252.8	12469.0	12152.0	10408.5	7740.3	3355.0	387.5
37.5°	16678.2	16634.2	15559.9	14600.0	14177.4	13490.5	13208.7	11588.5	8841.0	4174.0	449.1
40°	17893.4	17752.5	16607.8	15419.0	14785.0	14230.2	13974.8	12539.5	9897.7	5133.8	537.2
42.5°	18932.5	18765.2	17734.9	16572.6	15489.4	14740.9	14494.4	13340.8	10928.0	6093.6	651.6
45°	20086.1	19998.0	18958.9	18078.3	16634.2	15436.6	15110.8	13983.6	11870.2	7238.4	801.3
47.5°	21820.8	21662.3	20693.7	19971.6	18298.5	16493.3	16026.6	14644.1	12777.2	8365.5	1030.3
50°	23837.4	23731.7	23159.3	22586.9	20922.6	18298.5	17743.7	15595.1	13789.9	9704.0	1329.7
52.5°	25484.0	25466.4	25536.9	25545.7	24286.4	21336.5	20508.8	17127.3	14952.3	11024.9	1752.4
55°	25448.8	25528.1	26303.0	27192.4	27289.2	25484.0	24682.7	19707.4	16466.9	12654.0	2342.3
57.5°	24497.8	24436.1	25255.1	26593.6	27535.8	27729.5	27597.4	23714.1	18747.6	14617.7	3249.3
58°	24189.6	24136.7	24911.7	26276.6	27359.7	27879.2	27747.1	24621.1	19258.3	14899.4	3495.9
60°	23071.2	23080.1	23538.0	24779.6	25862.7	27095.5	27218.8	27210.0	21803.2	16783.9	4737.5
62.5°	21591.9	21521.4	21944.1	22956.8	23907.8	24735.5	24946.9	27386.1	25528.1	19179.1	7106.3
65°	19548.9	19443.2	19892.3	21037.1	22058.6	22595.7	22604.5	25026.1	27280.4	21750.4	10487.7
67.5°	15753.6	15665.6	16563.7	18034.3	19610.6	20315.0	20632.0	21715.1	25801.0	23493.9	12425.0
70°	9651.2	9836.1	11086.5	13393.7	16088.2	17382.7	17858.2	18192.8	21970.5	23229.7	10390.9
72.5°	4455.7	4235.6	5301.1	6912.6	9985.8	12865.3	13358.4	14670.5	17417.9	20165.3	7749.1
75°	2078.2	1998.9	2245.5	3020.4	4526.2	6947.8	7846.0	11711.7	13358.4	14027.7	5591.7
77.5°	1065.5	1074.3	1276.8	1373.7	1866.8	3214.1	3689.6	7705.1	9792.1	7828.4	3751.3
80°	466.7	484.3	493.1	537.2	757.3	1241.6	1400.1	3575.2	6692.4	3989.0	2051.8
82.5°	299.4	308.2	308.2	308.2	361.0	493.1	563.6	1435.3	3337.4	1981.3	634.0
85°	158.5	158.5	176.1	220.1	255.4	299.4	317.0	457.9	1100.7	590.0	149.7
87.5°	88.1	96.9	105.7	132.1	167.3	202.5	220.1	317.0	422.7	405.1	35.2
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-SA8B-835-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1	220.1
2.5°	229.0	220.1	211.3	202.5	193.7	184.9	184.9	184.9	184.9	184.9	184.9
5°	220.1	211.3	202.5	184.9	167.3	158.5	149.7	140.9	140.9	140.9	140.9
7.5°	220.1	211.3	184.9	167.3	149.7	132.1	114.5	114.5	114.5	114.5	114.5
10°	220.1	202.5	176.1	149.7	123.3	105.7	96.9	88.1	88.1	88.1	88.1
12.5°	220.1	193.7	167.3	132.1	105.7	88.1	79.3	70.4	70.4	70.4	70.4
15°	220.1	193.7	158.5	123.3	96.9	70.4	61.6	52.8	52.8	52.8	52.8
17.5°	211.3	184.9	149.7	105.7	79.3	52.8	44.0	35.2	35.2	44.0	44.0
20°	202.5	176.1	132.1	88.1	61.6	44.0	26.4	26.4	26.4	26.4	26.4
22.5°	202.5	176.1	123.3	79.3	52.8	26.4	17.6	17.6	17.6	17.6	26.4
25°	202.5	167.3	105.7	61.6	35.2	17.6	8.8	8.8	8.8	8.8	8.8
27.5°	202.5	167.3	96.9	52.8	26.4	17.6	8.8	0.0	0.0	0.0	0.0
30°	193.7	158.5	88.1	44.0	17.6	8.8	0.0	0.0	0.0	0.0	0.0
32.5°	193.7	149.7	70.4	35.2	17.6	8.8	0.0	0.0	0.0	0.0	0.0
35°	202.5	140.9	61.6	26.4	8.8	0.0	0.0	0.0	0.0	0.0	8.8
37.5°	211.3	132.1	52.8	17.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	220.1	123.3	52.8	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	237.8	123.3	44.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	255.4	123.3	35.2	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	290.6	132.1	35.2	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	317.0	140.9	26.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	352.2	132.1	26.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	396.3	132.1	26.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	431.5	123.3	26.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	449.1	114.5	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	537.2	105.7	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	836.6	88.1	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1699.5	79.3	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3170.1	70.4	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3548.7	79.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2236.7	61.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1180.0	61.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	590.0	61.6	8.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	273.0	44.0	8.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	114.5	26.4	17.6	8.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	52.8	26.4	17.6	17.6	8.8	8.8	0.0	0.0	0.0	0.0	0.0
87.5°	26.4	26.4	26.4	17.6	17.6	8.8	8.8	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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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



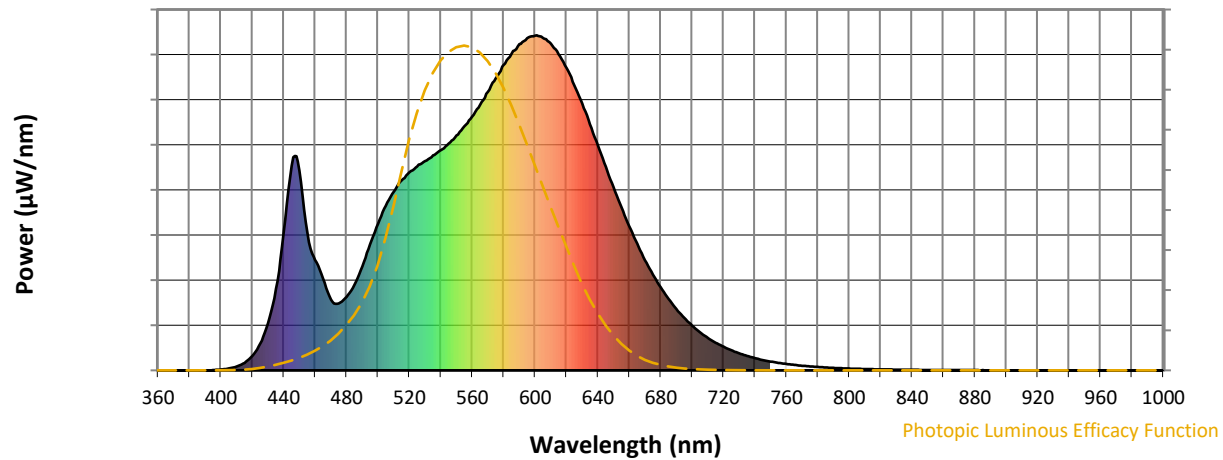
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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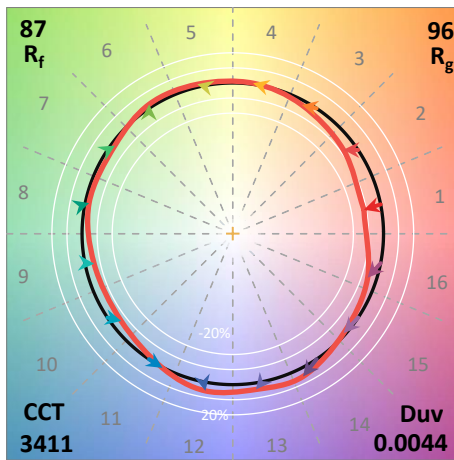
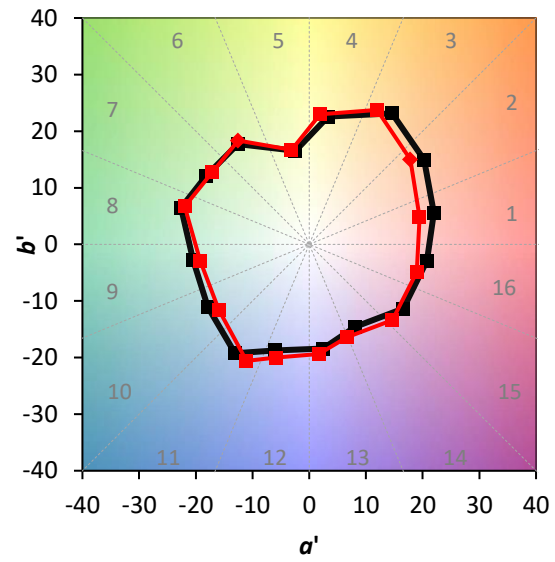
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$



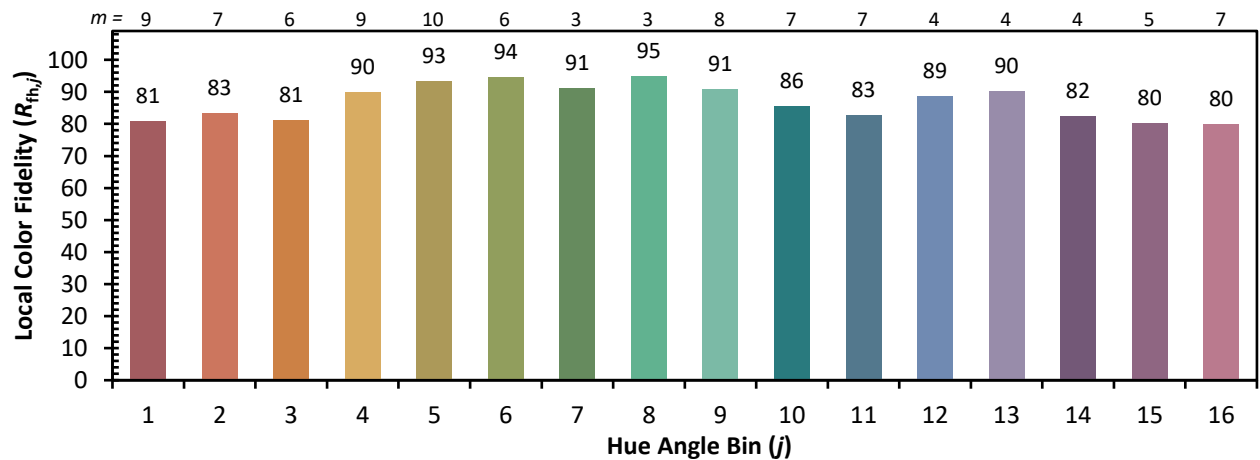
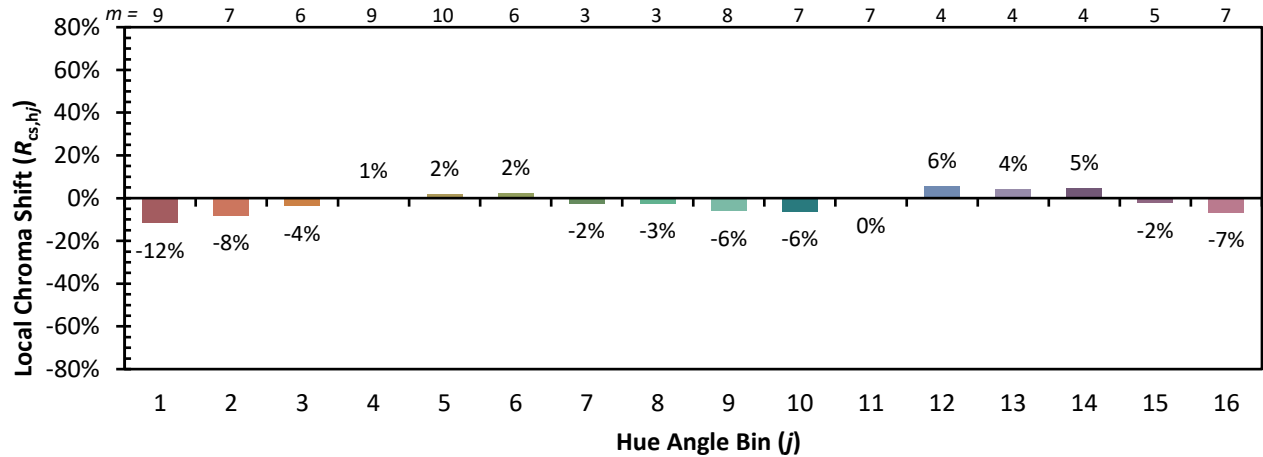
Color Vector Graphics

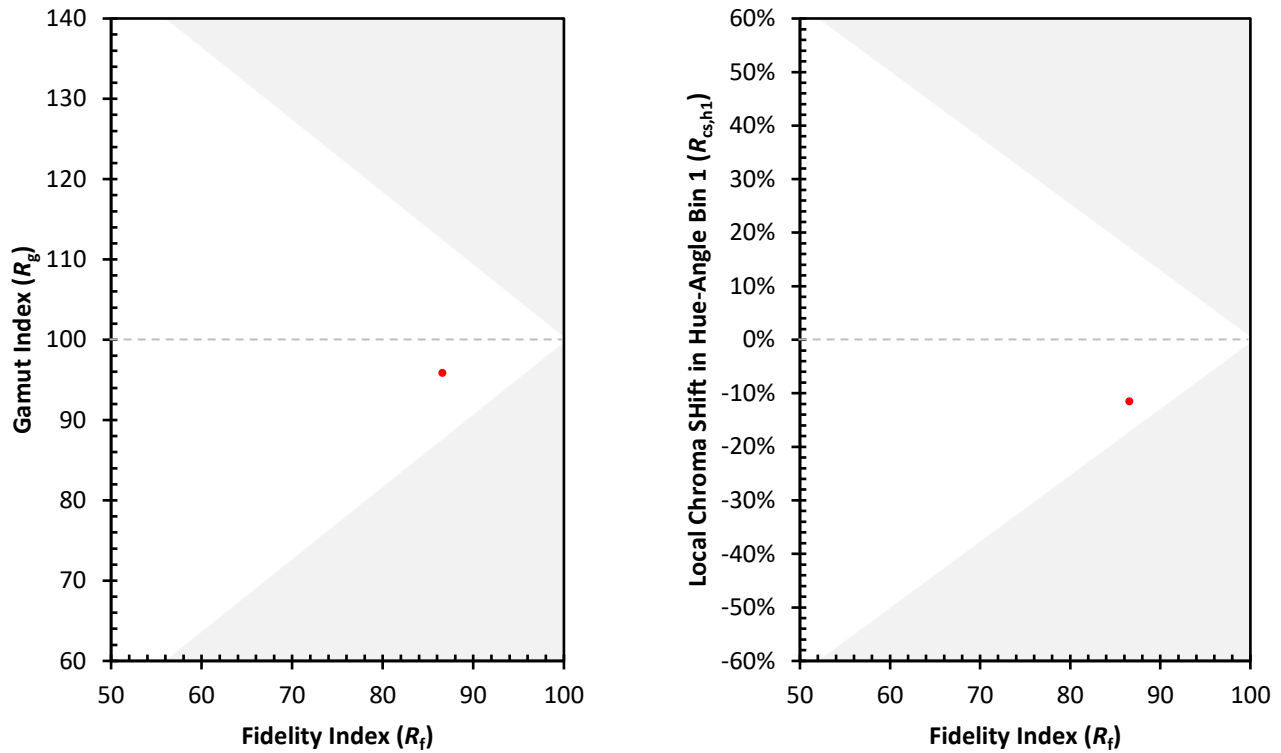


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)