

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: P1047274

Luminaire Tested: **GALN-SA3B-827-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047274
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-827-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12678.4 lumens
Efficiency: N/A
Efficacy: 119.4 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): 106.2
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

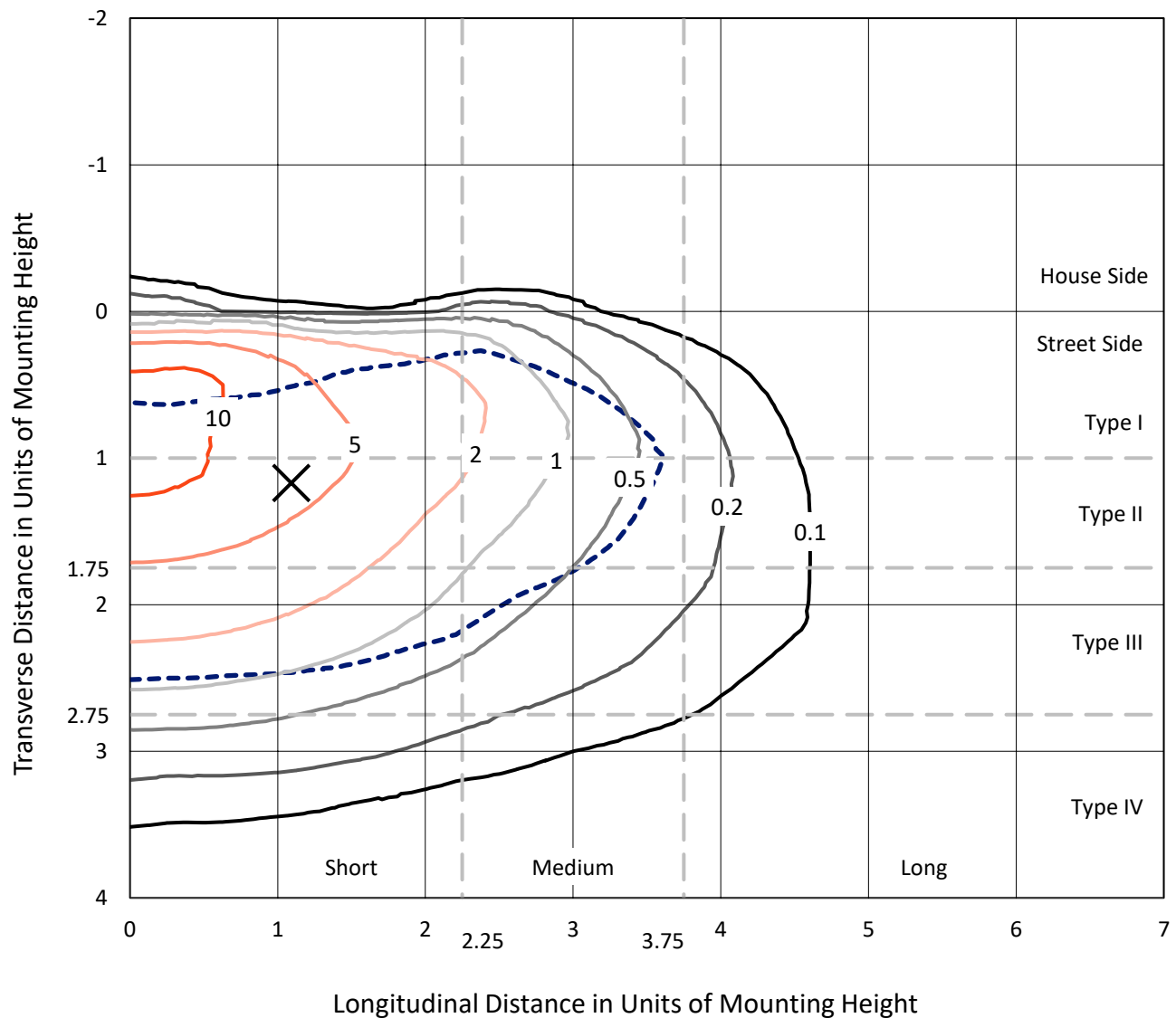


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CATALOG NUMBER: GALN-SA3B-827-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

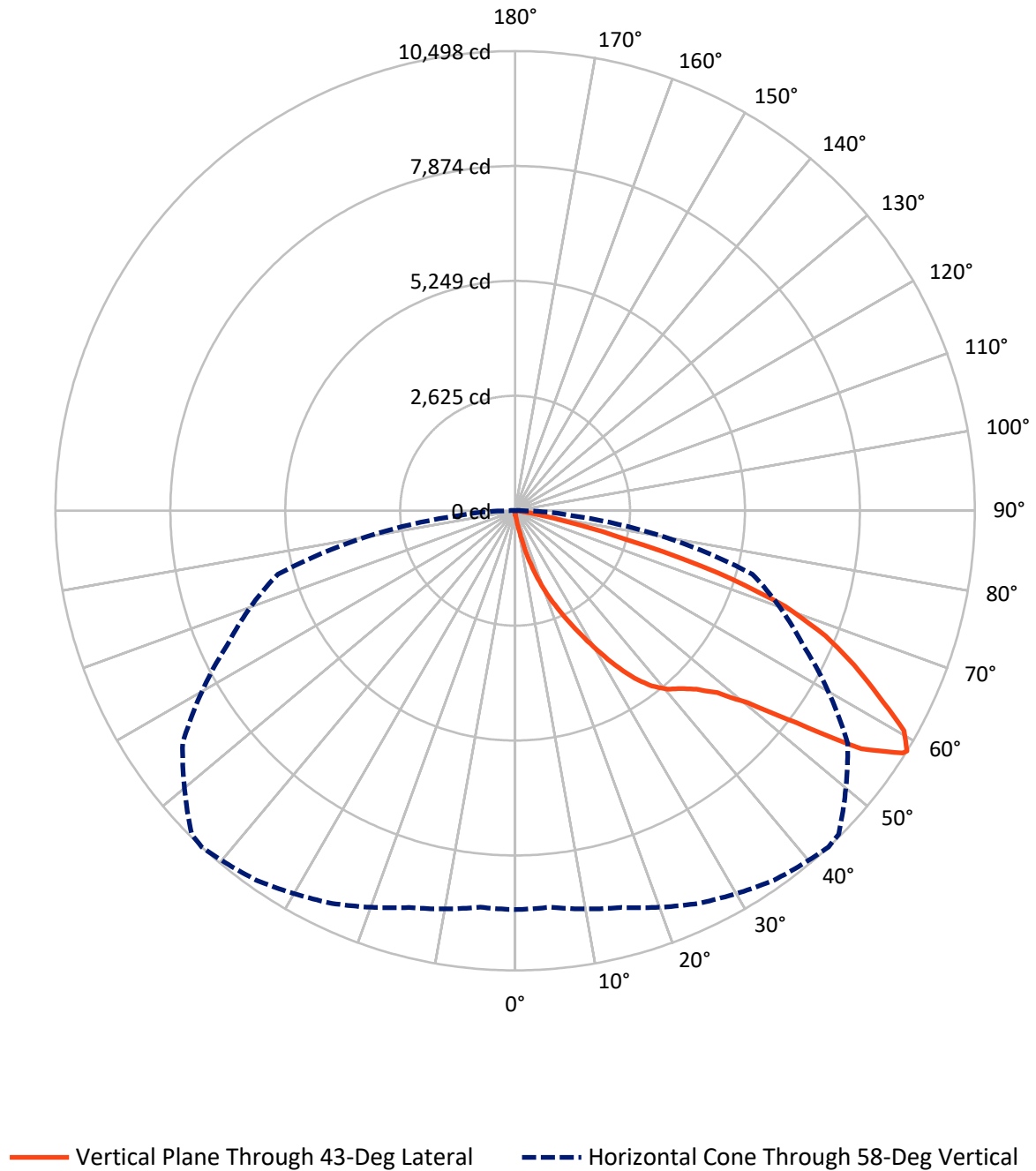


Based on 15 foot mounting height. Maximum calculated value = 14.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.3	0.0	46.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12632.2	0.0	12632.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	12678.4	0.0	12678.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.1	0.1
10°-20°	145.7	1.1
20°-30°	525.3	4.1
30°-40°	1201.8	9.5
40°-50°	2027.0	16.0
50°-60°	3345.1	26.4
60°-70°	3738.6	29.5
70°-80°	1543.6	12.2
80°-90°	139.2	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°	12678.4	100.0
0°-180°	12678.4	100.0



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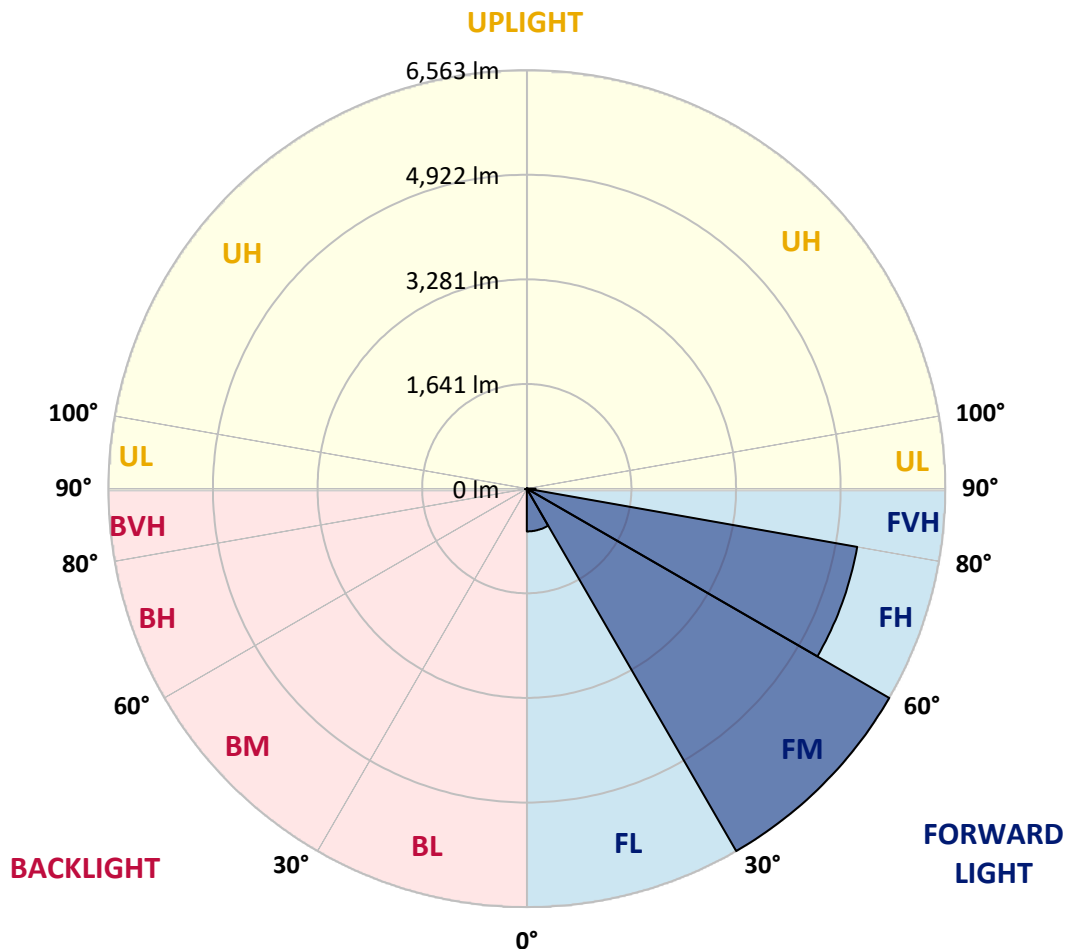
CATALOG NUMBER: GALN-SA3B-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	671.1	5.3			
FM	(30°-60°)	6562.9	51.8			
FH	(60°-80°)	5261.0	41.5			G3/7500
FVH	(80°-90°)	137.2	1.1			G2/225
BL	(0°-30°)	12.1	0.1	B0/110		
BM	(30°-60°)	11.1	0.1	B0/220		
BH	(60°-80°)	21.2	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2.5°	99.5	102.8	99.5	99.5	99.5	96.2	96.2	92.8	92.8	89.5	86.2
5°	145.9	145.9	136.0	129.3	122.7	119.4	116.1	109.4	102.8	96.2	89.5
7.5°	325.0	325.0	295.1	255.3	202.3	172.4	165.8	136.0	116.1	102.8	89.5
10°	775.9	775.9	709.6	600.2	464.2	344.9	308.4	195.6	139.3	109.4	92.8
12.5°	1289.9	1306.5	1223.6	1084.3	882.0	673.1	600.2	358.1	185.7	119.4	92.8
15°	1750.8	1711.0	1687.8	1555.2	1362.9	1114.2	1021.3	603.5	268.6	136.0	92.8
17.5°	2062.5	2062.5	2029.4	1939.8	1764.1	1545.2	1469.0	974.9	434.4	155.8	96.2
20°	2427.3	2427.3	2367.6	2304.6	2148.7	1963.0	1890.1	1386.1	673.1	199.0	96.2
22.5°	2868.3	2874.9	2808.6	2695.9	2546.6	2341.1	2278.0	1767.4	974.9	265.3	99.5
25°	3405.5	3412.1	3315.9	3209.8	2981.0	2758.9	2662.7	2205.1	1343.0	371.4	99.5
27.5°	3999.0	4045.4	3902.9	3720.5	3478.4	3199.9	3126.9	2599.7	1707.7	523.9	106.1
30°	4738.5	4738.5	4549.5	4294.1	4032.2	3687.3	3594.5	3014.2	2095.7	726.2	112.7
32.5°	5375.1	5325.4	5083.3	4814.7	4536.2	4214.6	4115.1	3448.6	2493.6	978.2	126.0
35°	5862.6	5819.5	5521.0	5232.5	4990.5	4695.4	4576.0	3919.4	2914.7	1263.4	145.9
37.5°	6280.4	6263.8	5859.3	5497.8	5338.7	5080.0	4973.9	4363.8	3329.2	1571.8	169.1
40°	6738.0	6684.9	6253.9	5806.2	5567.5	5358.6	5262.4	4721.9	3727.1	1933.2	202.3
42.5°	7129.3	7066.3	6678.3	6240.6	5832.7	5550.9	5458.0	5023.6	4115.1	2294.6	245.4
45°	7563.7	7530.5	7139.2	6807.6	6263.8	5812.8	5690.1	5265.7	4469.9	2725.7	301.8
47.5°	8216.9	8157.2	7792.5	7520.5	6890.5	6210.8	6035.0	5514.4	4811.4	3150.1	388.0
50°	8976.2	8936.5	8720.9	8505.4	7878.7	6890.5	6681.6	5872.5	5192.8	3654.2	500.7
52.5°	9596.3	9589.7	9616.2	9619.5	9145.4	8034.5	7722.8	6449.5	5630.5	4151.6	659.9
55°	9583.1	9612.9	9904.7	10239.6	10276.1	9596.3	9294.6	7421.1	6200.8	4765.0	882.0
57.5°	9224.9	9201.7	9510.1	10014.1	10368.9	10441.9	10392.1	8929.8	7059.6	5504.5	1223.6
58°	9108.9	9089.0	9380.8	9894.8	10302.6	10498.3	10448.5	9271.4	7252.0	5610.6	1316.4
60°	8687.8	8691.1	8863.5	9331.0	9738.9	10203.1	10249.6	10246.2	8210.3	6320.2	1784.0
62.5°	8130.7	8104.2	8263.3	8644.6	9002.8	9314.5	9394.1	10312.6	9612.9	7222.1	2676.0
65°	7361.4	7321.6	7490.7	7921.8	8306.4	8508.7	8512.0	9423.9	10272.8	8190.4	3949.3
67.5°	5932.2	5899.1	6237.3	6791.0	7384.6	7649.9	7769.2	8177.1	9715.7	8846.9	4678.8
70°	3634.3	3703.9	4174.8	5043.5	6058.2	6545.7	6724.7	6850.7	8273.3	8747.4	3912.8
72.5°	1677.9	1595.0	1996.2	2603.0	3760.3	4844.6	5030.3	5524.4	6558.9	7593.5	2918.0
75°	782.6	752.7	845.6	1137.4	1704.4	2616.3	2954.5	4410.2	5030.3	5282.3	2105.6
77.5°	401.2	404.5	480.8	517.3	703.0	1210.3	1389.4	2901.4	3687.3	2947.9	1412.6
80°	175.7	182.4	185.7	202.3	285.2	467.5	527.2	1346.3	2520.1	1502.1	772.6
82.5°	112.7	116.1	116.1	116.1	136.0	185.7	212.2	540.5	1256.7	746.1	238.7
85°	59.7	59.7	66.3	82.9	96.2	112.7	119.4	172.4	414.5	222.2	56.4
87.5°	33.2	36.5	39.8	49.7	63.0	76.3	82.9	119.4	159.2	152.5	13.3
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: P1047274

CATALOG NUMBER: GALN-SA3B-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2.5°	86.2	82.9	79.6	76.3	73.0	69.6	69.6	69.6	69.6	69.6	69.6
5°	82.9	79.6	76.3	69.6	63.0	59.7	56.4	53.1	53.1	53.1	53.1
7.5°	82.9	79.6	69.6	63.0	56.4	49.7	43.1	43.1	43.1	43.1	43.1
10°	82.9	76.3	66.3	56.4	46.4	39.8	36.5	33.2	33.2	33.2	33.2
12.5°	82.9	73.0	63.0	49.7	39.8	33.2	29.8	26.5	26.5	26.5	26.5
15°	82.9	73.0	59.7	46.4	36.5	26.5	23.2	19.9	19.9	19.9	19.9
17.5°	79.6	69.6	56.4	39.8	29.8	19.9	16.6	13.3	13.3	16.6	16.6
20°	76.3	66.3	49.7	33.2	23.2	16.6	9.9	9.9	9.9	9.9	9.9
22.5°	76.3	66.3	46.4	29.8	19.9	9.9	6.6	6.6	6.6	6.6	9.9
25°	76.3	63.0	39.8	23.2	13.3	6.6	3.3	3.3	3.3	3.3	3.3
27.5°	76.3	63.0	36.5	19.9	9.9	6.6	3.3	0.0	0.0	0.0	0.0
30°	73.0	59.7	33.2	16.6	6.6	3.3	0.0	0.0	0.0	0.0	0.0
32.5°	73.0	56.4	26.5	13.3	6.6	3.3	0.0	0.0	0.0	0.0	0.0
35°	76.3	53.1	23.2	9.9	3.3	0.0	0.0	0.0	0.0	0.0	3.3
37.5°	79.6	49.7	19.9	6.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	82.9	46.4	19.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	89.5	46.4	16.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	96.2	46.4	13.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	109.4	49.7	13.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	119.4	53.1	9.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	132.6	49.7	9.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	149.2	49.7	9.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	162.5	46.4	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	169.1	43.1	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	202.3	39.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	315.0	33.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	640.0	29.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1193.7	26.5	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1336.3	29.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	842.2	23.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	444.3	23.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	222.2	23.2	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	102.8	16.6	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	43.1	9.9	6.6	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	19.9	9.9	6.6	6.6	3.3	3.3	0.0	0.0	0.0	0.0	0.0
87.5°	9.9	9.9	9.9	6.6	6.6	3.3	3.3	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

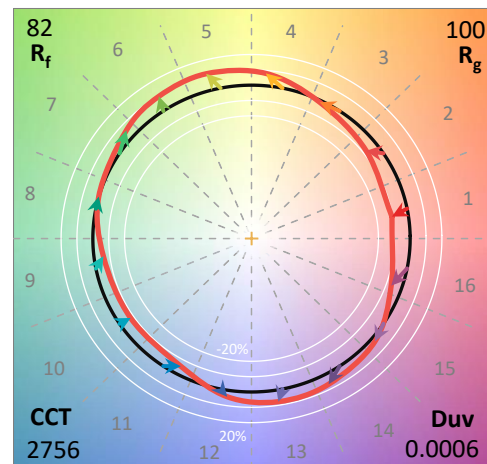
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

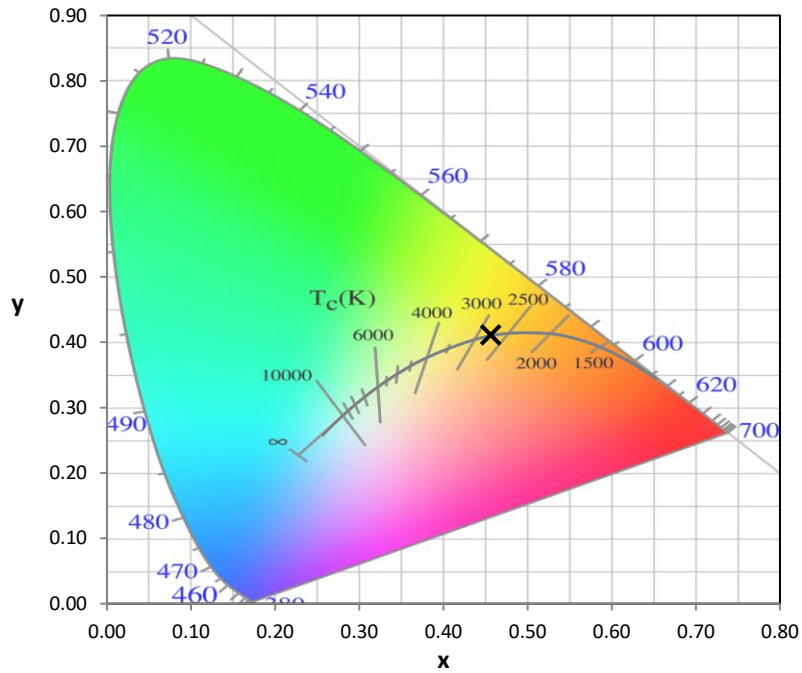
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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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 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

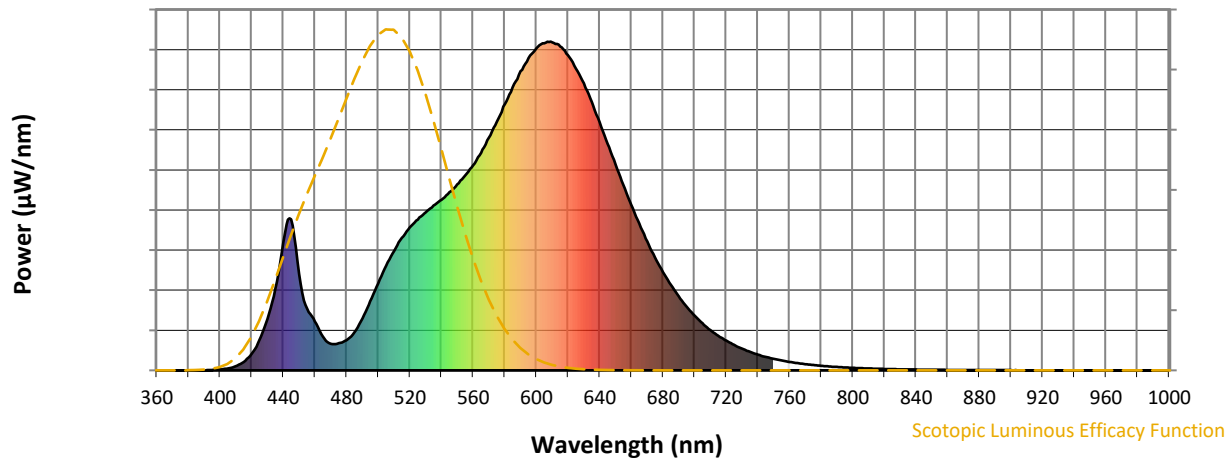


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



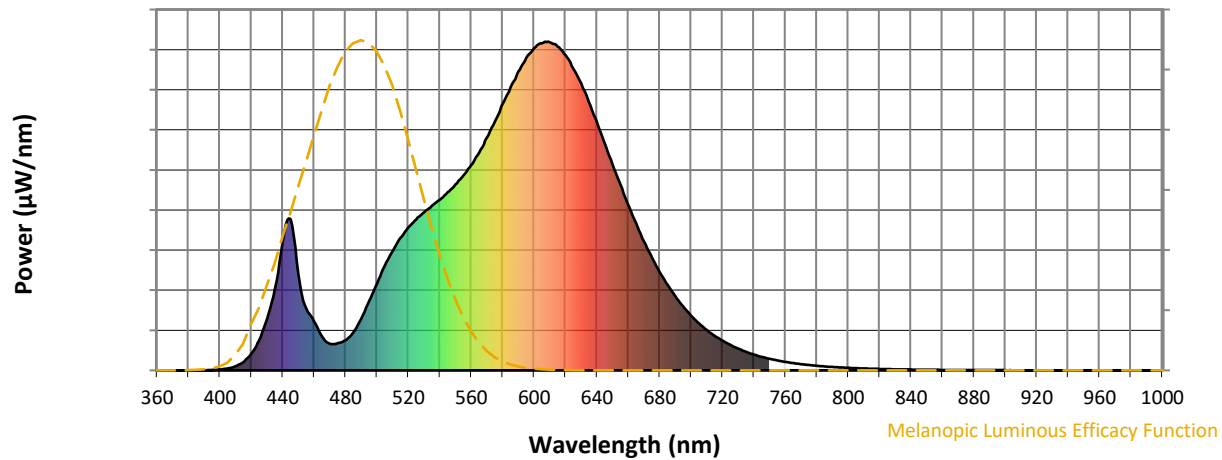
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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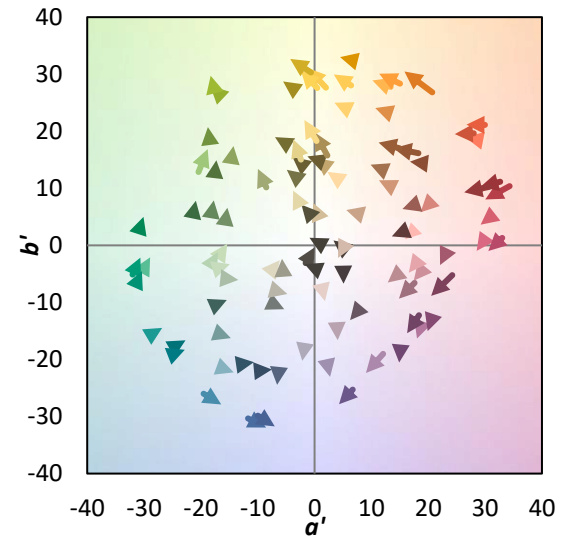
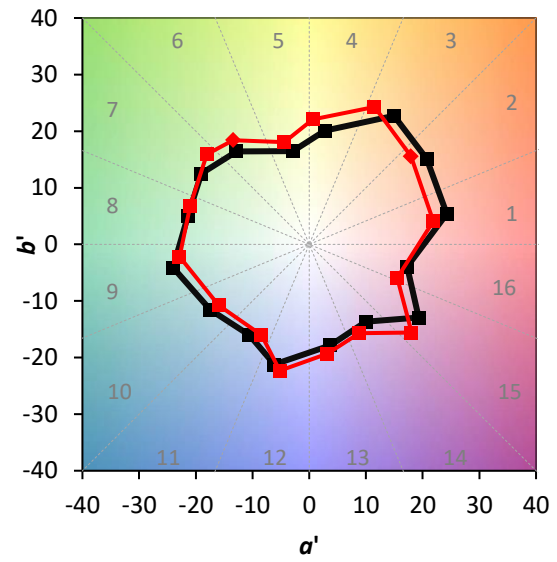
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics

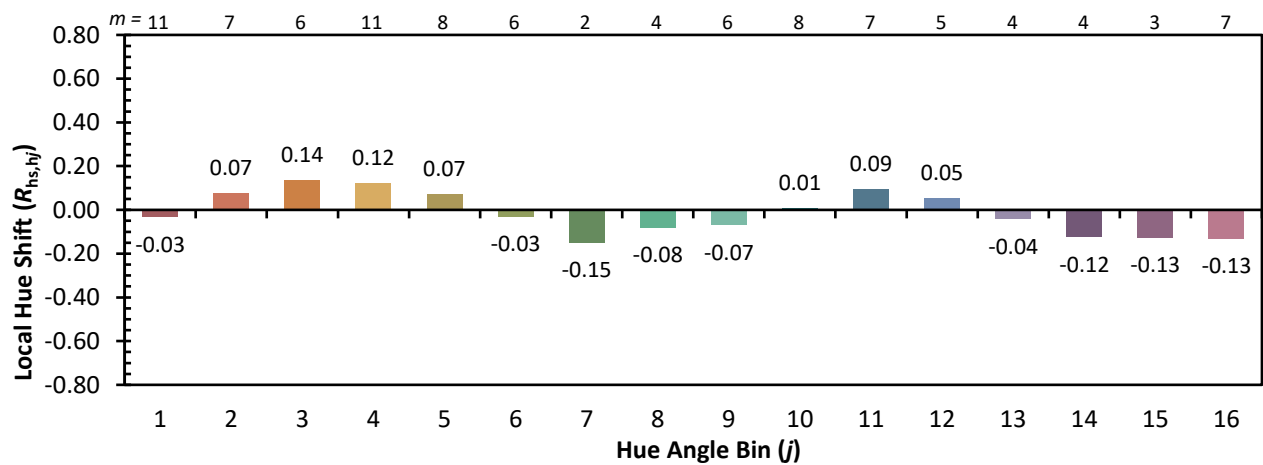


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)