

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: P1047889

Luminaire Tested: **GALN-SA4A-827-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047889
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-827-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12504.6 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 107.4
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

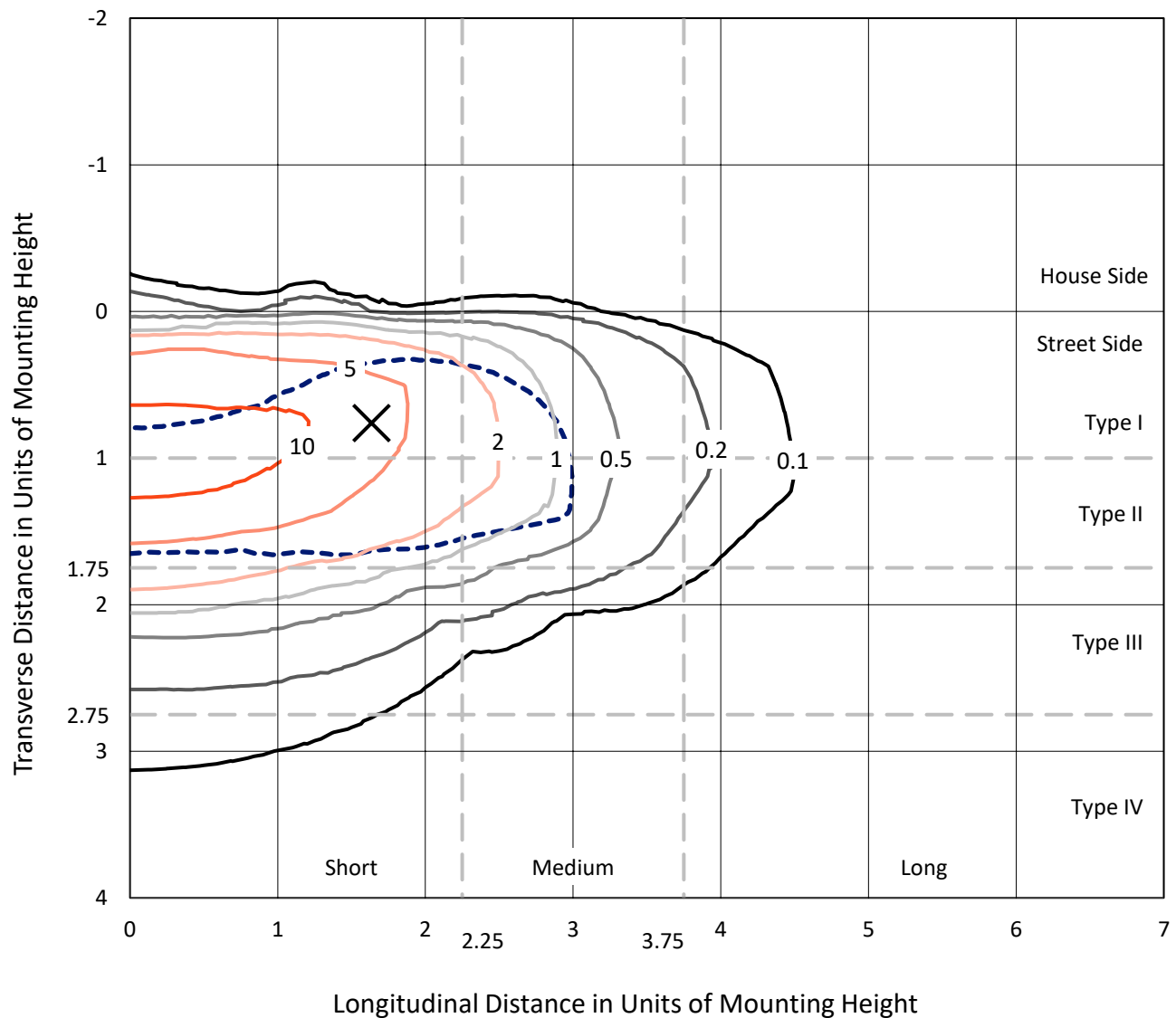


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

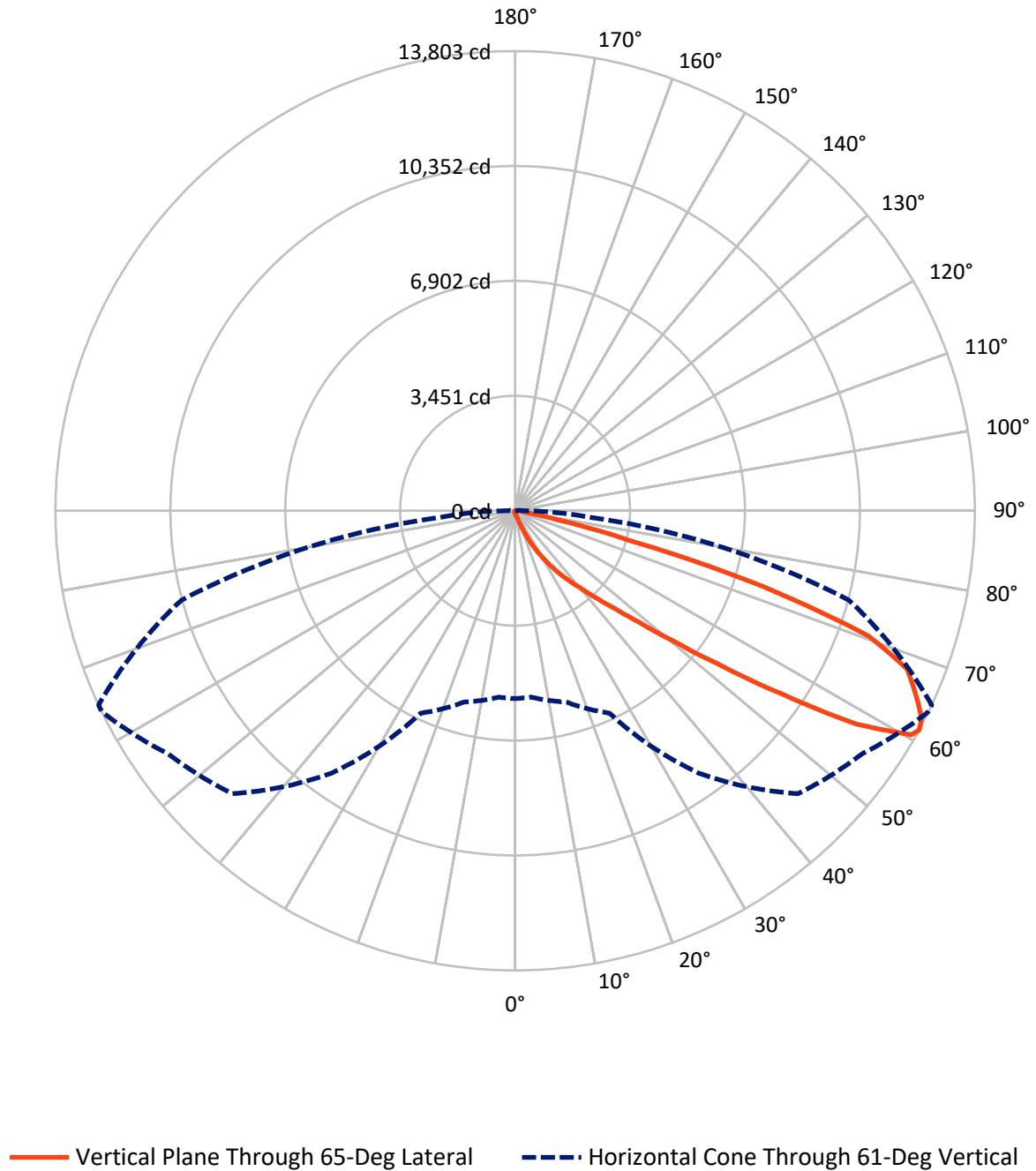


Based on 15 foot mounting height. Maximum calculated value = 16.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	53.4	0.0	53.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12451.2	0.0	12451.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	12504.6	0.0	12504.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	0.1
10°-20°	102.8	0.8
20°-30°	369.0	3.0
30°-40°	982.5	7.9
40°-50°	2581.0	20.6
50°-60°	3998.5	32.0
60°-70°	3352.7	26.8
70°-80°	986.6	7.9
80°-90°	121.7	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°	12504.6	100.0
0°-180°	12504.6	100.0



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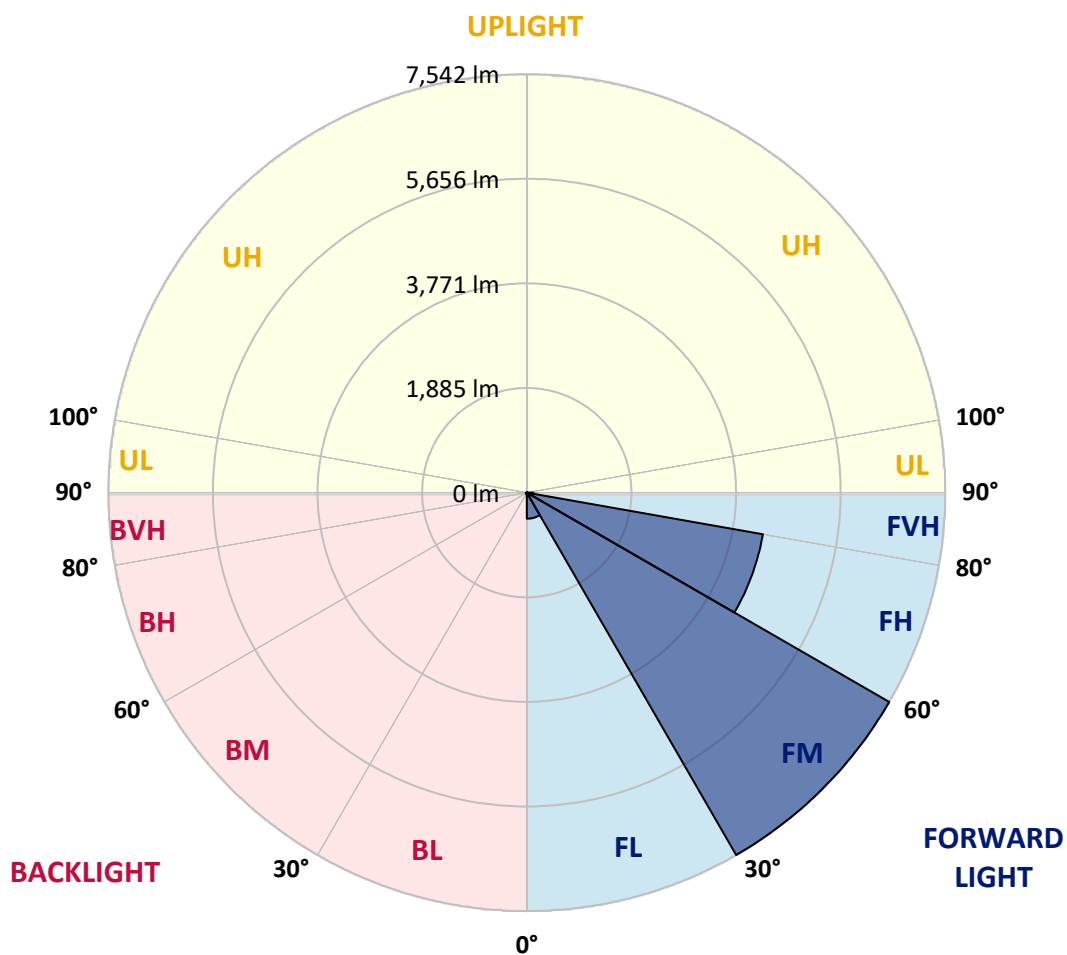
CATALOG NUMBER: GALN-SA4A-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	469.6	3.8			
FM	(30°-60°)	7541.7	60.3			
FH	(60°-80°)	4320.5	34.6			G2/5000
FVH	(80°-90°)	119.5	1.0			G2/225
BL	(0°-30°)	12.0	0.1	B0/110		
BM	(30°-60°)	20.3	0.2	B0/220		
BH	(60°-80°)	18.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	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-G2

Type II Short



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CATALOG NUMBER: GALN-SA4A-827-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
2.5°	92.9	93.8	92.0	88.6	86.0	86.0	85.2	82.6	82.6	80.0	78.3
5°	129.9	128.2	124.7	117.8	111.8	105.8	99.8	93.8	92.9	85.2	80.0
7.5°	212.5	214.2	203.0	181.5	163.4	140.2	118.7	105.8	104.1	91.2	80.9
10°	466.2	453.3	427.5	344.1	283.0	213.3	158.3	123.0	121.3	98.1	82.6
12.5°	849.9	839.5	792.2	706.2	548.8	381.9	231.4	152.3	147.1	104.1	83.4
15°	1224.9	1208.6	1182.7	1095.9	911.8	684.7	378.5	208.2	194.4	112.7	82.6
17.5°	1464.0	1466.6	1443.4	1406.4	1287.7	1013.3	653.7	310.5	283.9	128.2	80.9
20°	1673.0	1667.0	1679.9	1660.1	1576.7	1377.1	951.4	492.0	446.4	153.1	81.7
22.5°	1913.9	1928.5	1938.0	1933.7	1841.6	1671.3	1289.4	736.3	678.7	198.7	84.3
25°	2236.5	2234.7	2235.6	2224.4	2135.0	1945.7	1628.3	1040.0	981.5	272.7	90.3
27.5°	2574.5	2584.8	2589.1	2548.7	2431.7	2245.9	1942.3	1372.0	1303.2	391.4	98.1
30°	3036.4	3027.8	3008.0	2925.5	2783.5	2553.0	2251.9	1720.4	1648.1	557.4	110.1
32.5°	3659.2	3649.7	3550.0	3367.6	3155.1	2873.0	2563.3	2069.6	1981.9	764.7	126.4
35°	4685.4	4700.0	4454.9	3982.6	3601.6	3257.5	2908.3	2417.1	2339.7	1020.2	148.8
37.5°	6256.9	6176.9	5844.1	5009.7	4189.1	3737.5	3237.7	2768.1	2701.0	1335.0	178.1
40°	7783.8	7704.6	7608.3	6817.8	5210.1	4266.5	3698.8	3180.1	3093.2	1690.3	221.1
42.5°	9388.9	9345.0	9340.7	8744.6	7073.3	5098.3	4253.6	3662.6	3588.7	2079.9	291.6
45°	10526.0	10482.1	10574.2	10678.3	9610.8	6880.6	5219.6	4289.7	4182.2	2553.0	404.3
47.5°	10679.1	10680.8	10926.9	11252.9	11496.3	9637.4	6506.4	5120.6	4989.9	3230.0	593.5
50°	10169.9	10189.7	10581.1	11164.3	11819.7	11950.5	8775.5	6326.6	6133.1	4032.5	861.9
52.5°	9200.5	9222.8	9768.2	10727.3	11522.1	12506.1	11447.3	7904.2	7681.4	5033.8	1240.4
55°	8327.4	8341.2	8966.5	10178.5	11163.4	12204.2	13033.4	10010.8	9718.3	6265.5	1613.7
57.5°	7462.9	7431.1	7837.9	9225.4	11102.3	11833.5	13267.4	12411.5	12089.0	7611.7	1904.4
60°	6306.8	6253.5	6580.4	7462.9	10298.9	12076.9	12829.6	13739.6	13666.5	9486.1	2128.9
61°	5641.9	5619.5	5948.1	6705.1	9622.8	12015.0	12724.6	13795.5	13803.3	10372.9	2229.6
62.5°	4029.1	4092.7	4595.1	5579.1	8059.9	11613.3	12738.4	13622.7	13699.2	11551.3	2490.2
65°	1790.9	1893.3	2283.8	3084.6	4687.1	9660.7	12616.2	13243.3	13205.5	11874.8	3388.2
67.5°	1062.3	1077.8	1272.2	1747.9	2482.5	5196.3	11133.3	12741.8	12691.1	10337.6	4215.7
70°	837.0	844.7	906.6	1096.7	1440.8	1990.5	6354.1	11024.1	11245.1	8382.4	4127.1
72.5°	793.9	792.2	800.8	834.4	907.5	987.5	2460.1	7327.9	7777.7	6036.7	3460.5
75°	783.6	780.2	771.6	758.7	657.2	581.5	762.1	3241.2	3501.8	4124.6	2605.5
77.5°	760.4	761.3	763.0	727.7	563.4	411.2	369.0	1040.0	1279.1	2617.5	1852.0
80°	514.4	522.1	535.0	521.3	506.6	297.6	260.6	369.9	375.0	1469.2	1223.2
82.5°	260.6	260.6	254.6	227.1	196.1	193.5	207.3	268.4	271.8	743.2	575.5
85°	157.4	166.0	169.5	154.0	141.1	129.9	158.3	213.3	221.1	288.2	134.2
87.5°	35.3	36.1	39.6	52.5	76.6	104.1	147.1	195.3	198.7	184.9	16.3
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: P1047889

CATALOG NUMBER: GALN-SA4A-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
2.5°	77.4	75.7	74.8	72.3	69.7	67.1	65.4	64.5	65.4	66.2	66.2
5°	76.6	74.0	69.7	65.4	61.9	58.5	55.1	54.2	54.2	55.1	55.1
7.5°	76.6	72.3	66.2	61.1	55.9	50.8	48.2	46.4	47.3	47.3	47.3
10°	76.6	71.4	63.7	55.9	49.9	43.9	39.6	37.8	37.8	37.8	37.8
12.5°	75.7	70.5	61.1	51.6	43.0	36.1	31.0	28.4	29.2	29.2	29.2
15°	74.0	68.0	57.6	43.9	34.4	27.5	22.4	19.8	20.6	22.4	23.2
17.5°	71.4	65.4	51.6	37.0	27.5	20.6	15.5	13.8	14.6	17.2	17.2
20°	70.5	62.8	45.6	30.1	20.6	14.6	10.3	8.6	9.5	12.9	13.8
22.5°	70.5	61.1	41.3	24.9	15.5	9.5	6.0	3.4	3.4	6.0	6.0
25°	71.4	60.2	37.8	20.6	11.2	6.9	3.4	1.7	3.4	9.5	11.2
27.5°	73.1	59.4	36.1	17.2	8.6	6.0	2.6	6.0	10.3	10.3	10.3
30°	74.8	57.6	33.5	14.6	7.7	4.3	4.3	8.6	8.6	10.3	11.2
32.5°	77.4	56.8	31.8	12.9	6.0	3.4	6.0	5.2	5.2	6.0	6.9
35°	82.6	57.6	30.1	12.9	6.0	4.3	5.2	2.6	1.7	1.7	1.7
37.5°	89.5	58.5	27.5	11.2	5.2	5.2	2.6	0.0	0.0	0.0	0.0
40°	100.6	61.1	25.8	10.3	4.3	4.3	0.9	0.0	0.0	0.0	0.0
42.5°	119.6	66.2	24.9	9.5	4.3	3.4	0.0	0.0	0.0	0.0	0.0
45°	157.4	78.3	23.2	8.6	4.3	1.7	0.0	0.0	0.0	0.0	0.0
47.5°	226.2	106.7	22.4	6.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	330.3	144.5	21.5	6.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	421.5	152.3	14.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	431.8	104.9	11.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	344.1	68.0	9.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	260.6	51.6	8.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	250.3	46.4	8.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	276.1	40.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	449.0	33.5	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	780.2	29.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	985.8	27.5	5.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	859.3	24.9	5.2	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	517.0	21.5	5.2	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	271.0	16.3	5.2	4.3	2.6	0.9	0.0	0.0	0.0	0.0	0.0
80°	131.6	14.6	6.0	4.3	3.4	1.7	0.0	0.0	0.0	0.0	0.0
82.5°	51.6	12.0	6.9	6.0	4.3	2.6	0.9	0.0	0.0	0.0	0.0
85°	23.2	10.3	7.7	6.9	6.0	3.4	0.9	0.0	0.0	0.0	0.0
87.5°	12.0	9.5	8.6	7.7	6.0	4.3	1.7	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: SP1-2407-184-8

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

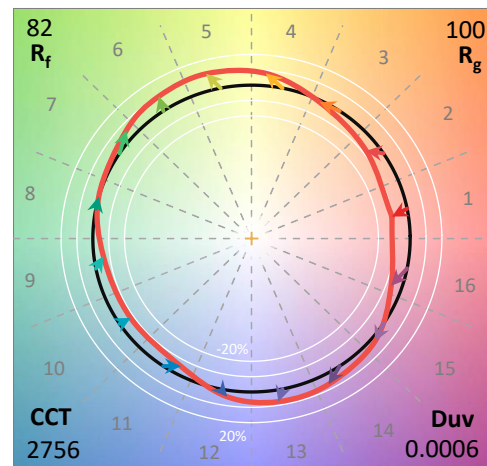
Test Information

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
 Rf: 82.2
 Rg: 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

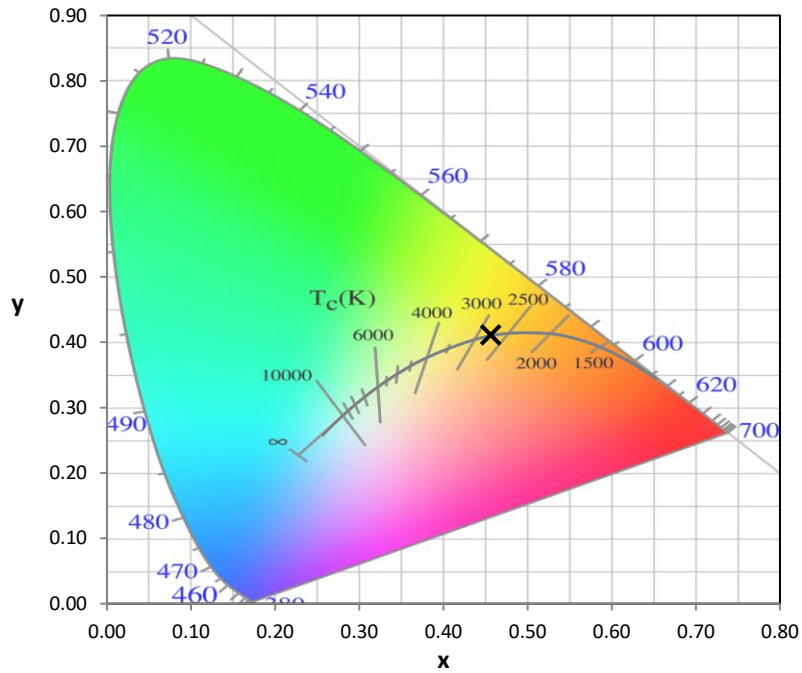
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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



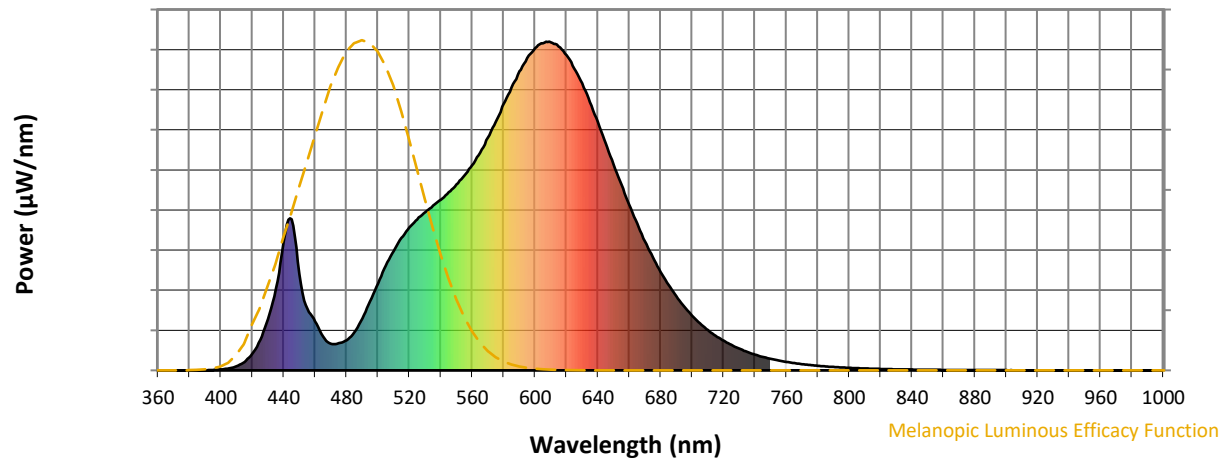
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W ^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	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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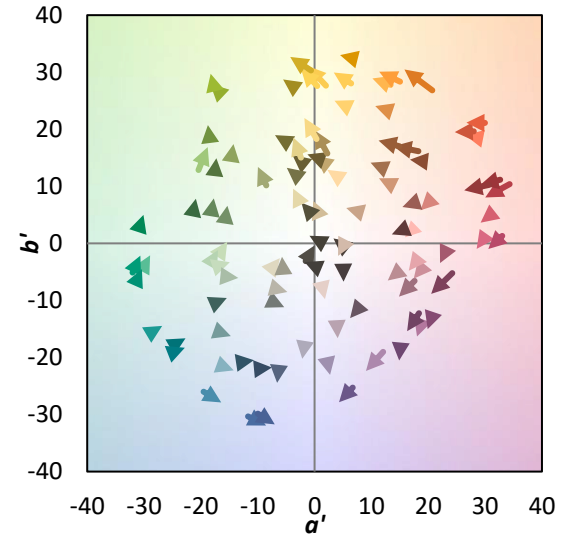
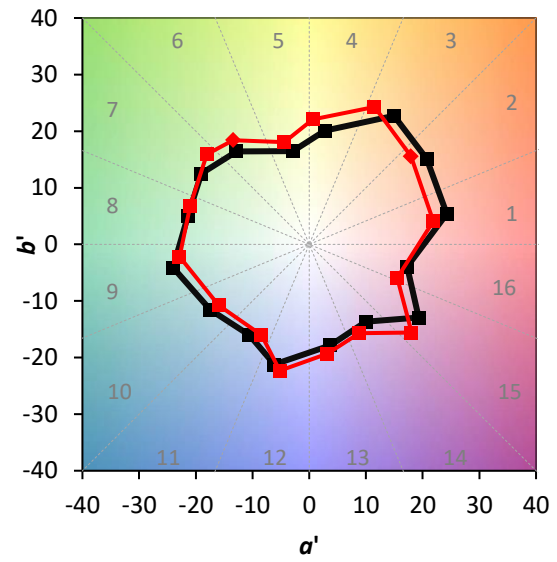
TM-30-18

Summary

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

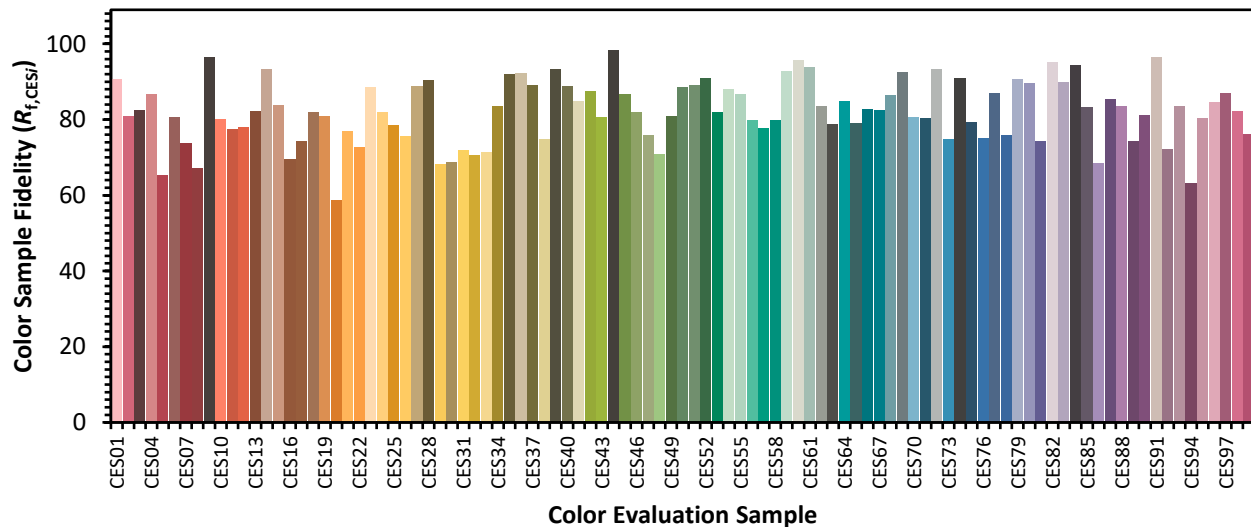


Color Vector Graphics

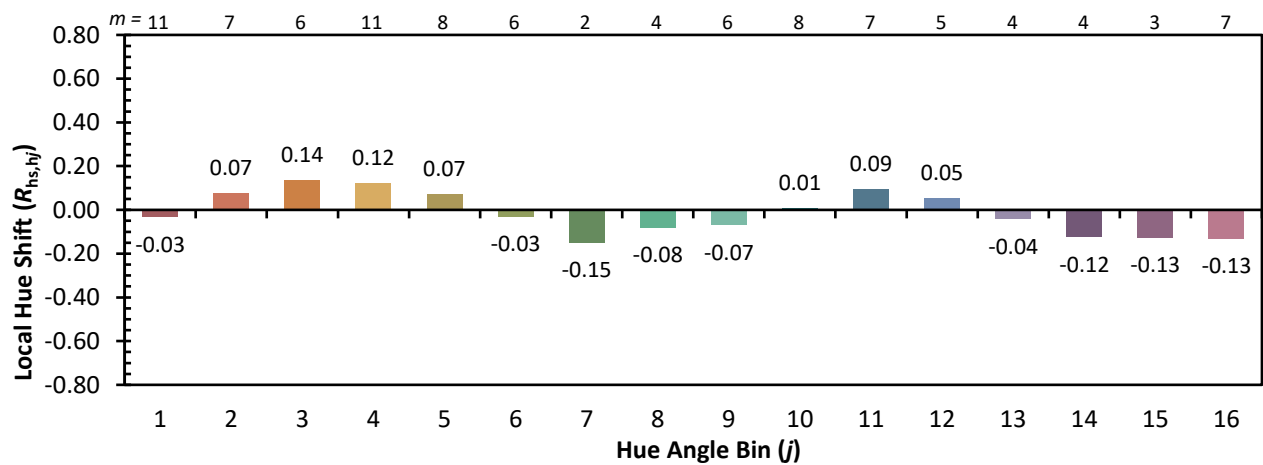


Individual Sample Fidelity Index ($R_{f,i}$)

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)