

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: P1048823

Luminaire Tested: **GALN-SA3C-950-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048823
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-950-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13598.3 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - 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

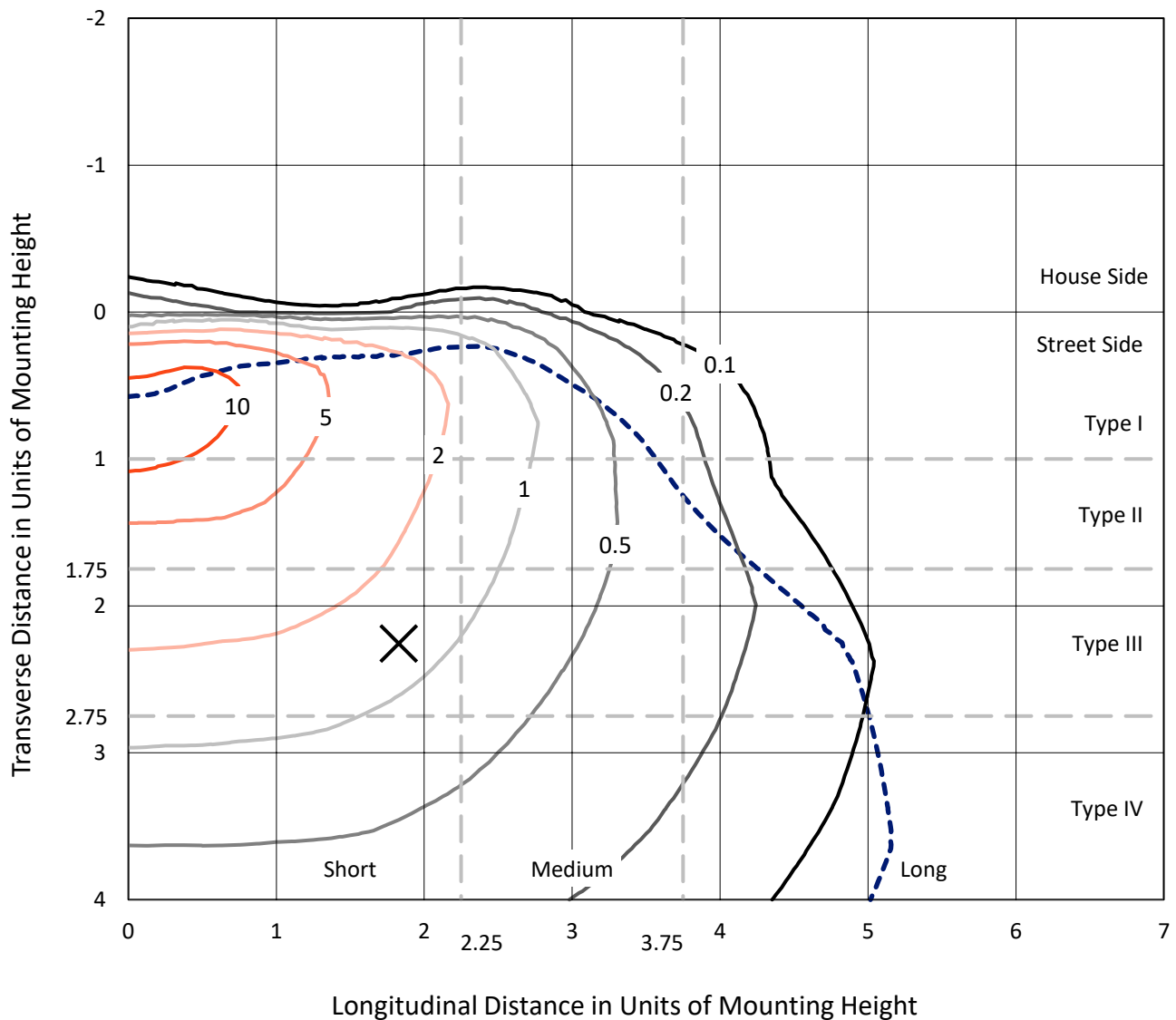


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CATALOG NUMBER: GALN-SA3C-950-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

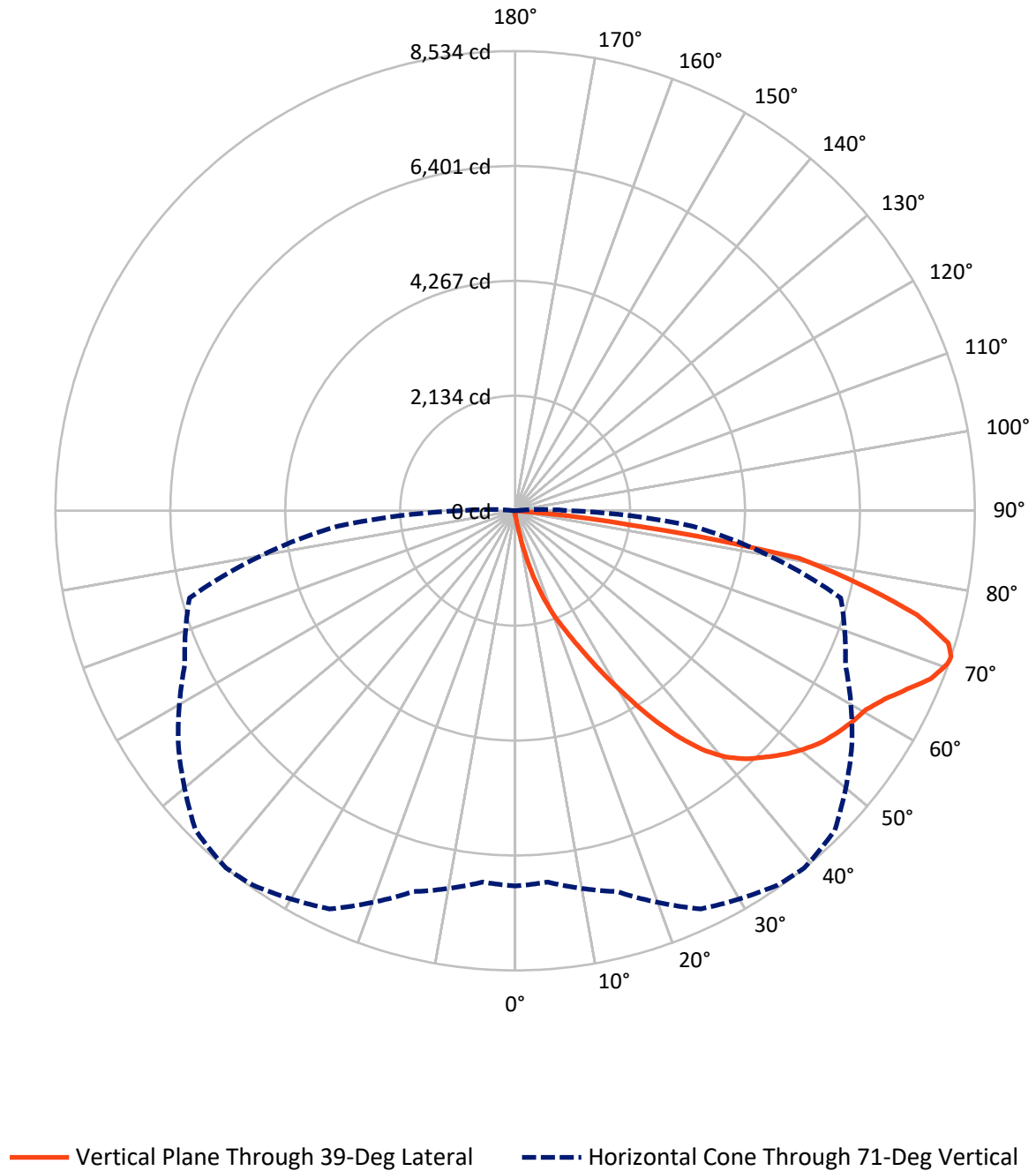


Based on 15 foot mounting height. Maximum calculated value = 14 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: GALN-SA3C-950-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	48.3	0.0	48.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13550.0	0.0	13550.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	13598.3	0.0	13598.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.4	0.1
10°-20°	145.3	1.1
20°-30°	517.6	3.8
30°-40°	1247.4	9.2
40°-50°	2087.7	15.4
50°-60°	2681.4	19.7
60°-70°	3393.3	25.0
70°-80°	3025.3	22.2
80°-90°	489.0	3.6
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°	13598.3	100.0
0°-180°	13598.3	100.0



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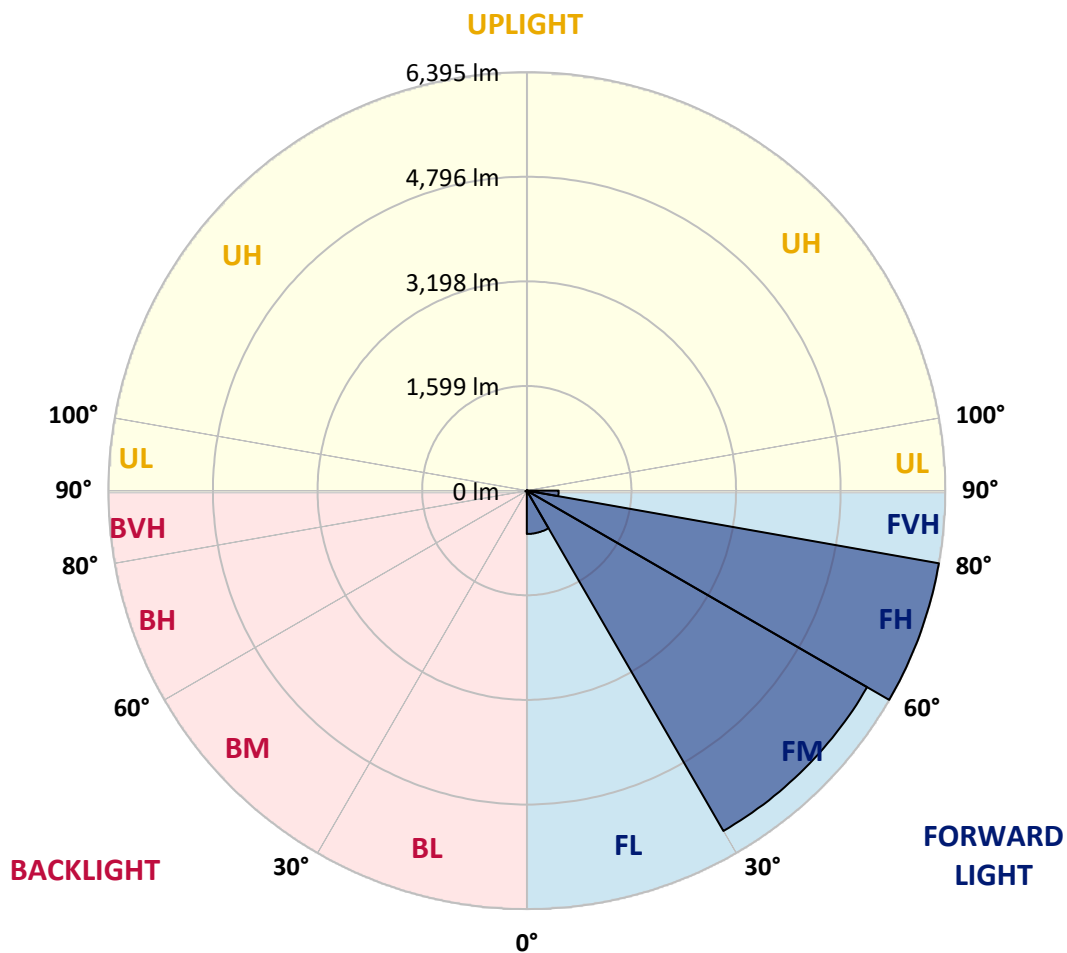
CATALOG NUMBER: GALN-SA3C-950-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	662.6	4.9			
FM	(30°-60°)	6005.3	44.2			
FH	(60°-80°)	6395.3	47.0			G3/7500
FVH	(80°-90°)	486.8	3.6			G3/500
BL	(0°-30°)	11.7	0.1	B0/110		
BM	(30°-60°)	11.2	0.1	B0/220		
BH	(60°-80°)	23.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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 IV Short



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CATALOG NUMBER: GALN-SA3C-950-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2.5°	85.6	85.6	85.6	82.8	82.8	81.9	81.0	81.0	79.2	78.2	76.4
5°	129.8	127.0	120.6	116.9	109.5	104.9	100.3	93.9	87.5	82.8	77.3
7.5°	293.7	300.1	278.9	239.3	198.8	181.3	151.9	122.4	101.3	87.5	78.2
10°	748.4	744.7	672.9	593.7	458.4	404.1	316.7	199.8	130.7	95.7	79.2
12.5°	1273.1	1269.4	1184.7	1077.0	898.4	785.2	619.5	372.8	187.8	108.6	79.2
15°	1714.0	1699.3	1672.6	1565.8	1356.9	1262.1	1043.0	659.1	303.8	130.7	81.0
17.5°	2005.8	1993.0	1968.1	1929.4	1796.9	1684.6	1508.8	1035.6	491.6	169.4	84.7
20°	2273.7	2264.5	2244.3	2236.9	2151.3	2091.5	1946.0	1468.3	765.9	230.1	90.2
22.5°	2641.9	2622.6	2630.9	2586.7	2502.9	2431.1	2341.8	1921.2	1101.0	331.4	100.3
25°	3093.0	3083.8	3060.8	3029.5	2913.5	2850.9	2713.7	2348.3	1475.6	463.9	111.4
27.5°	3638.0	3627.8	3622.3	3550.5	3417.0	3348.9	3157.4	2751.5	1897.2	649.9	126.1
30°	4265.8	4270.4	4234.5	4142.4	3986.8	3891.1	3694.1	3174.0	2329.0	868.1	141.8
32.5°	4915.7	4906.5	4851.2	4742.6	4603.6	4514.3	4263.9	3637.0	2781.9	1156.2	160.2
35°	5616.2	5598.7	5453.3	5329.0	5210.2	5097.9	4869.6	4174.6	3234.8	1479.3	185.0
37.5°	6323.2	6241.2	5949.4	5792.0	5710.1	5618.0	5405.4	4748.1	3684.9	1840.2	215.4
40°	6857.1	6793.6	6447.4	6157.5	6092.1	6013.9	5855.5	5243.4	4163.6	2227.7	252.2
42.5°	7152.6	7117.6	6806.4	6520.2	6366.4	6297.4	6162.1	5676.0	4636.7	2655.7	305.6
45°	7278.7	7224.4	7016.3	6882.8	6638.0	6523.8	6362.7	6002.8	5131.1	3141.8	380.2
47.5°	7240.0	7208.7	7059.6	7108.4	6930.7	6753.0	6516.5	6253.2	5553.6	3699.6	482.4
50°	6997.0	6970.3	6924.3	7188.5	7166.4	6956.5	6715.3	6451.1	5898.8	4275.0	640.7
52.5°	6534.9	6523.8	6641.7	7125.9	7299.8	7136.0	6906.8	6626.0	6221.0	4876.1	867.1
55°	5939.3	5984.4	6321.3	7028.3	7368.0	7268.5	7076.2	6789.9	6479.6	5413.7	1201.3
57.5°	5694.4	5706.4	6127.1	6959.2	7398.3	7385.5	7240.9	6946.4	6717.1	5843.6	1711.3
60°	5980.7	5962.3	6184.2	7011.7	7459.1	7490.4	7387.3	7091.8	6923.3	6212.7	2390.6
62.5°	6498.1	6487.9	6558.8	7235.4	7636.8	7700.3	7590.7	7196.7	7105.6	6455.7	3165.7
65°	6960.2	6939.0	7070.6	7632.2	7948.8	7993.9	7898.2	7376.3	7185.7	6632.5	3893.9
67.5°	7159.9	7155.3	7367.0	8009.6	8276.5	8325.3	8241.6	7623.9	7167.3	6688.6	4215.1
70°	7068.8	7051.3	7390.1	8169.8	8461.6	8516.8	8435.8	7715.9	6967.5	6510.9	3739.2
71°	6968.5	6921.5	7321.0	8158.7	8487.3	8534.3	8392.5	7632.2	6766.9	6258.7	3307.5
72.5°	6657.3	6665.6	7131.4	8043.6	8425.7	8411.9	8147.7	7332.1	6524.8	5686.1	2656.7
75°	5891.4	5940.2	6517.4	7560.4	7875.2	7699.4	7295.2	6758.6	6038.7	4077.1	1844.8
77.5°	4814.4	4887.1	5521.4	6630.6	6541.3	6523.8	6507.3	5954.9	5156.8	2190.0	1283.2
80°	2298.6	2456.0	3330.5	4733.4	5142.1	5340.0	5215.8	4798.8	3987.8	1043.0	766.8
82.5°	150.0	148.2	209.9	397.7	1676.3	2166.9	3442.8	3429.9	2780.0	508.1	313.0
85°	70.9	72.7	80.1	91.1	105.9	116.0	160.2	938.9	1330.2	242.1	68.1
87.5°	41.4	42.3	49.7	63.5	82.8	92.1	109.5	140.8	173.1	133.5	14.7
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-SA3C-950-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2.5°	75.5	74.6	71.8	69.0	66.3	64.4	63.5	64.4	64.4	65.4	65.4
5°	75.5	72.7	68.1	62.6	58.9	55.2	53.4	52.5	53.4	53.4	53.4
7.5°	74.6	70.0	63.5	57.1	52.5	47.9	46.0	45.1	45.1	46.0	46.0
10°	72.7	68.1	59.8	52.5	46.9	41.4	38.7	35.9	35.9	35.9	36.8
12.5°	71.8	65.4	55.2	47.9	40.5	34.1	28.5	25.8	26.7	26.7	26.7
15°	70.0	62.6	52.5	43.3	34.1	25.8	21.2	18.4	19.3	20.3	19.3
17.5°	70.0	61.7	48.8	37.7	26.7	19.3	15.6	13.8	13.8	14.7	14.7
20°	70.0	59.8	46.0	32.2	20.3	14.7	11.0	10.1	10.1	12.0	12.9
22.5°	71.8	59.8	42.3	26.7	16.6	11.0	8.3	7.4	8.3	10.1	11.0
25°	74.6	58.9	38.7	23.9	13.8	8.3	6.4	4.6	5.5	7.4	8.3
27.5°	77.3	58.0	35.0	21.2	11.0	6.4	4.6	3.7	2.8	3.7	3.7
30°	80.1	58.0	31.3	17.5	9.2	4.6	2.8	1.8	0.9	0.0	0.0
32.5°	81.9	56.2	28.5	13.8	7.4	3.7	1.8	0.9	0.0	0.0	0.0
35°	83.8	54.3	24.9	11.0	5.5	2.8	0.9	0.0	0.0	0.0	0.0
37.5°	85.6	51.5	21.2	9.2	4.6	1.8	0.0	0.0	0.0	0.0	0.0
40°	87.5	47.9	17.5	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	89.3	45.1	14.7	6.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	93.9	43.3	12.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	102.2	41.4	11.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	114.1	39.6	10.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	130.7	38.7	9.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	160.2	37.7	8.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	210.8	36.8	8.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	323.1	35.0	8.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	577.2	34.1	7.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1006.1	35.0	7.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1442.5	36.8	6.4	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	1234.4	32.2	6.4	3.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0
71°	1006.1	28.5	6.4	3.7	1.8	0.9	0.9	0.0	0.0	0.0	0.0
72.5°	647.1	22.1	5.5	3.7	1.8	1.8	0.9	0.0	0.0	0.0	0.0
75°	273.4	18.4	5.5	3.7	2.8	1.8	1.8	0.9	0.0	0.0	0.0
77.5°	116.9	13.8	5.5	4.6	3.7	2.8	2.8	1.8	0.9	0.0	0.0
80°	44.2	11.0	6.4	5.5	4.6	4.6	3.7	1.8	0.9	0.0	0.0
82.5°	20.3	9.2	6.4	5.5	5.5	4.6	3.7	2.8	1.8	0.0	0.0
85°	12.9	8.3	6.4	5.5	5.5	4.6	4.6	2.8	1.8	0.0	0.0
87.5°	10.1	8.3	6.4	6.4	5.5	5.5	3.7	2.8	0.9	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

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 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

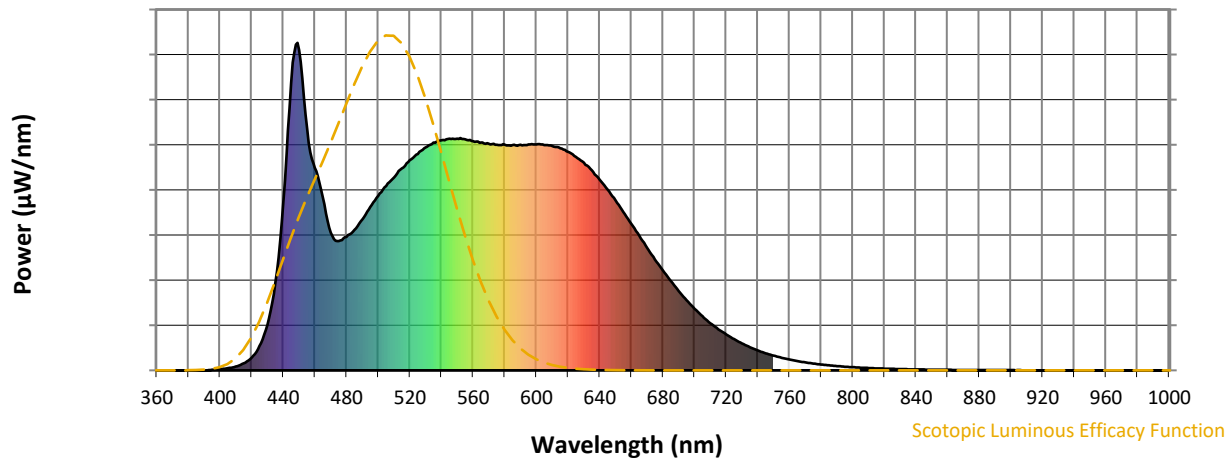


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



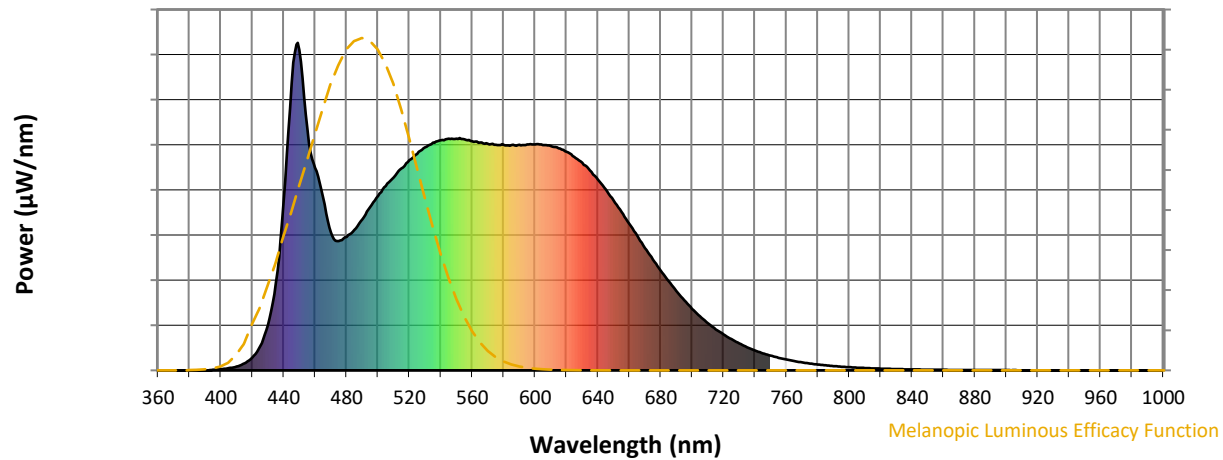
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

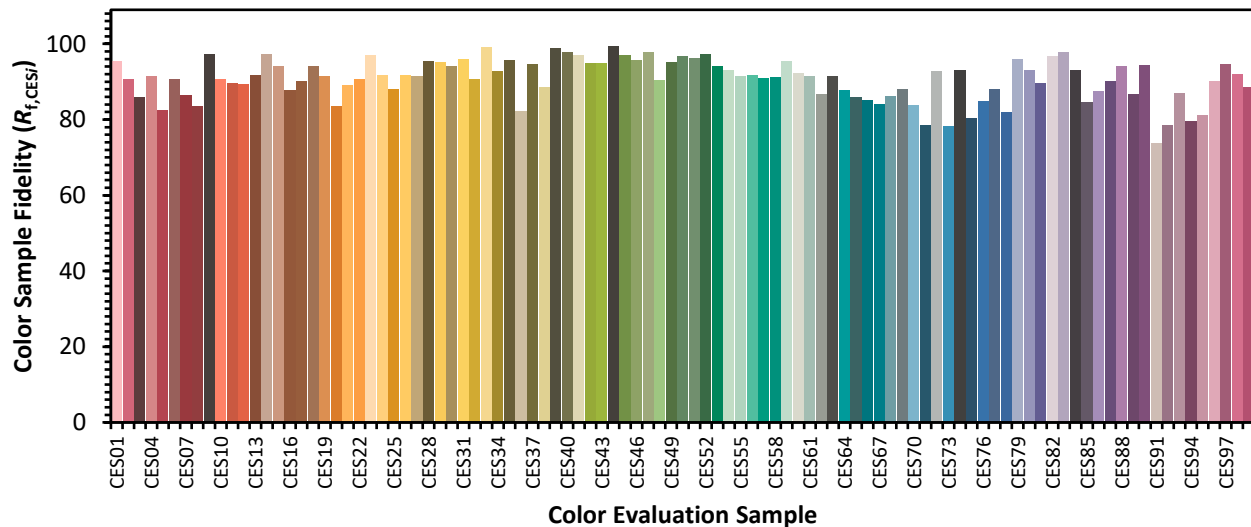


Color Vector Graphics

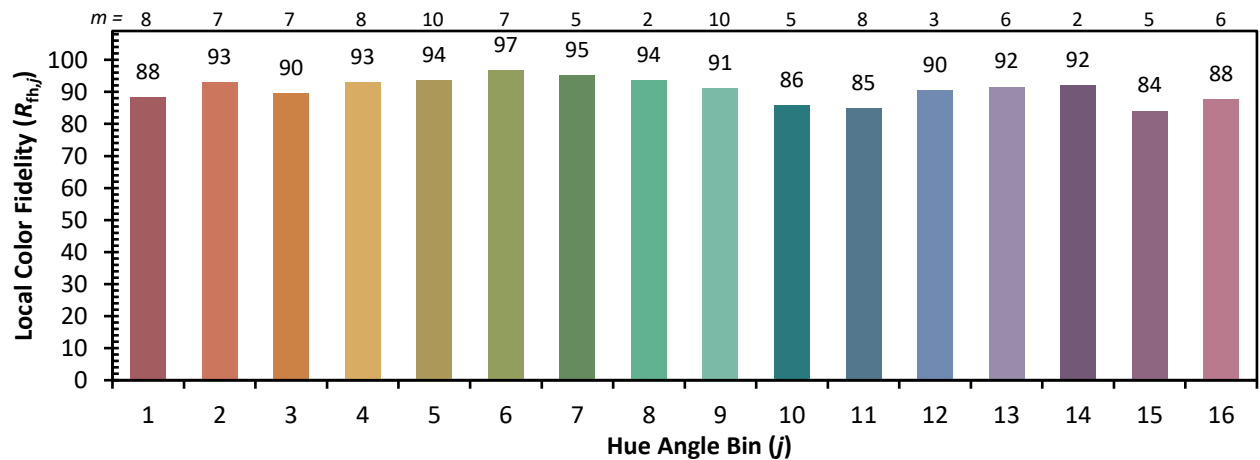
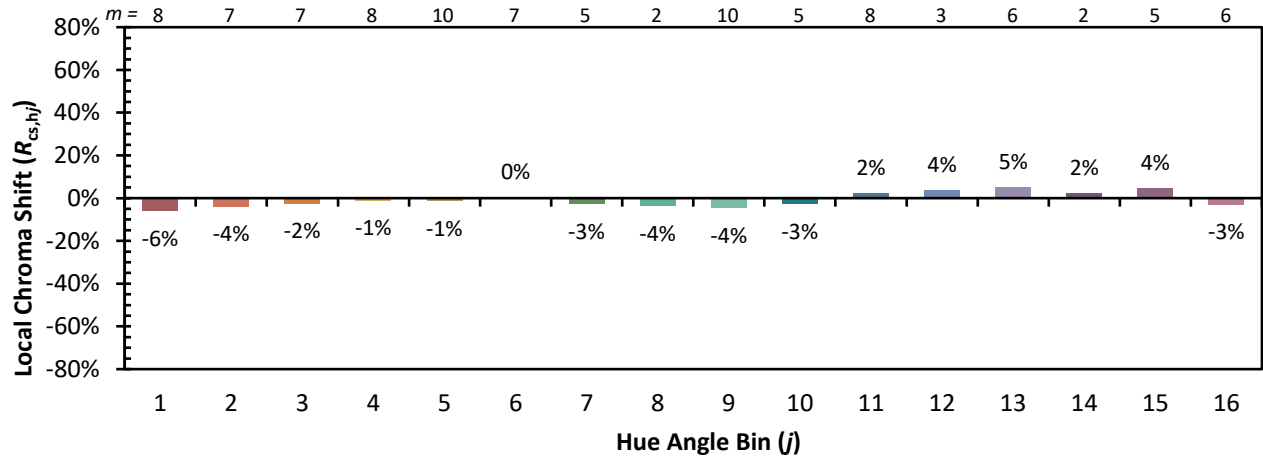


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)