

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: P1048095

Luminaire Tested: **GALN-SA1C-930-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048095
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-930-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3922.9 lumens
Efficiency: N/A
Efficacy: 78.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 50.2
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



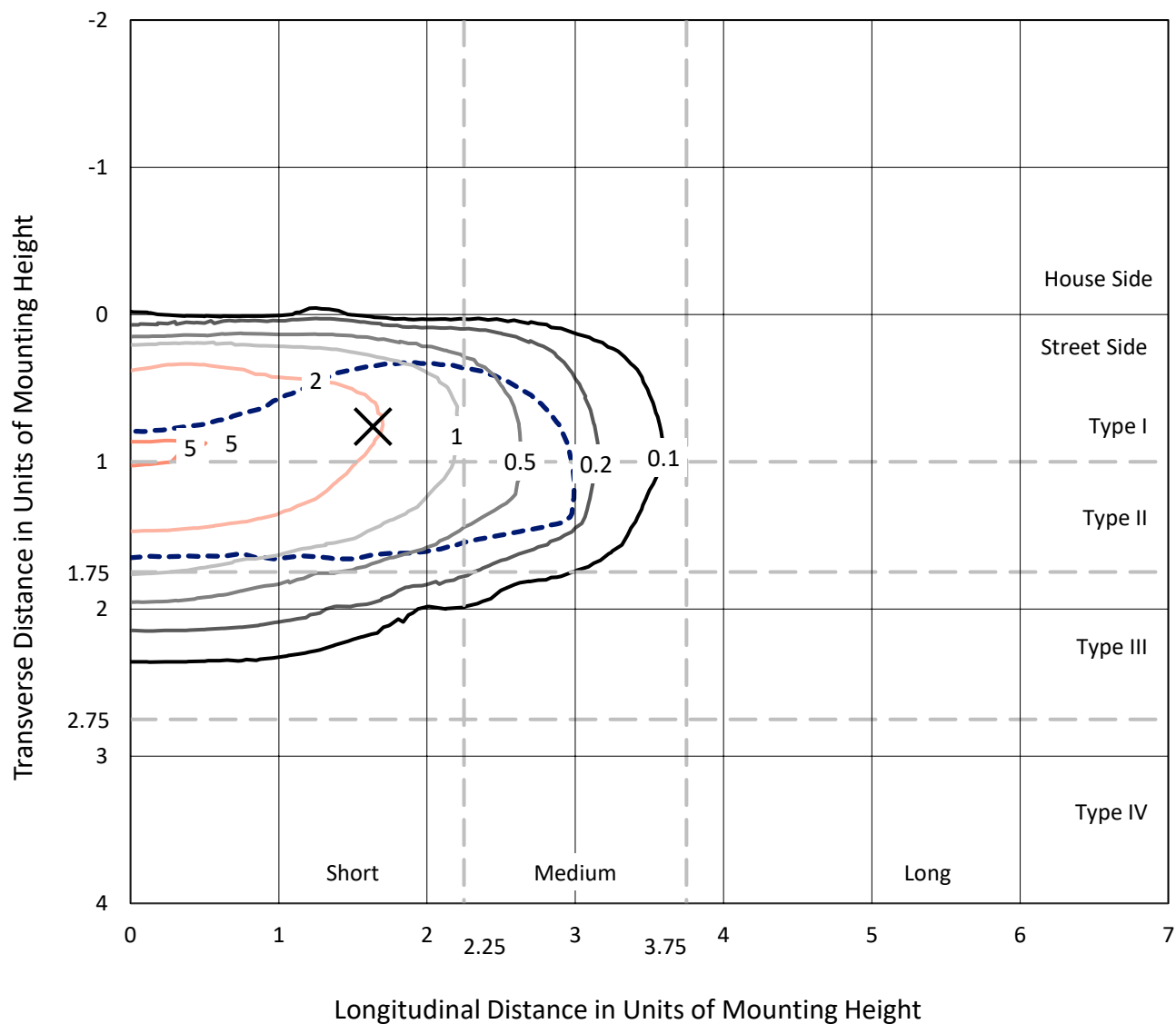
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CATALOG NUMBER: GALN-SA1C-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

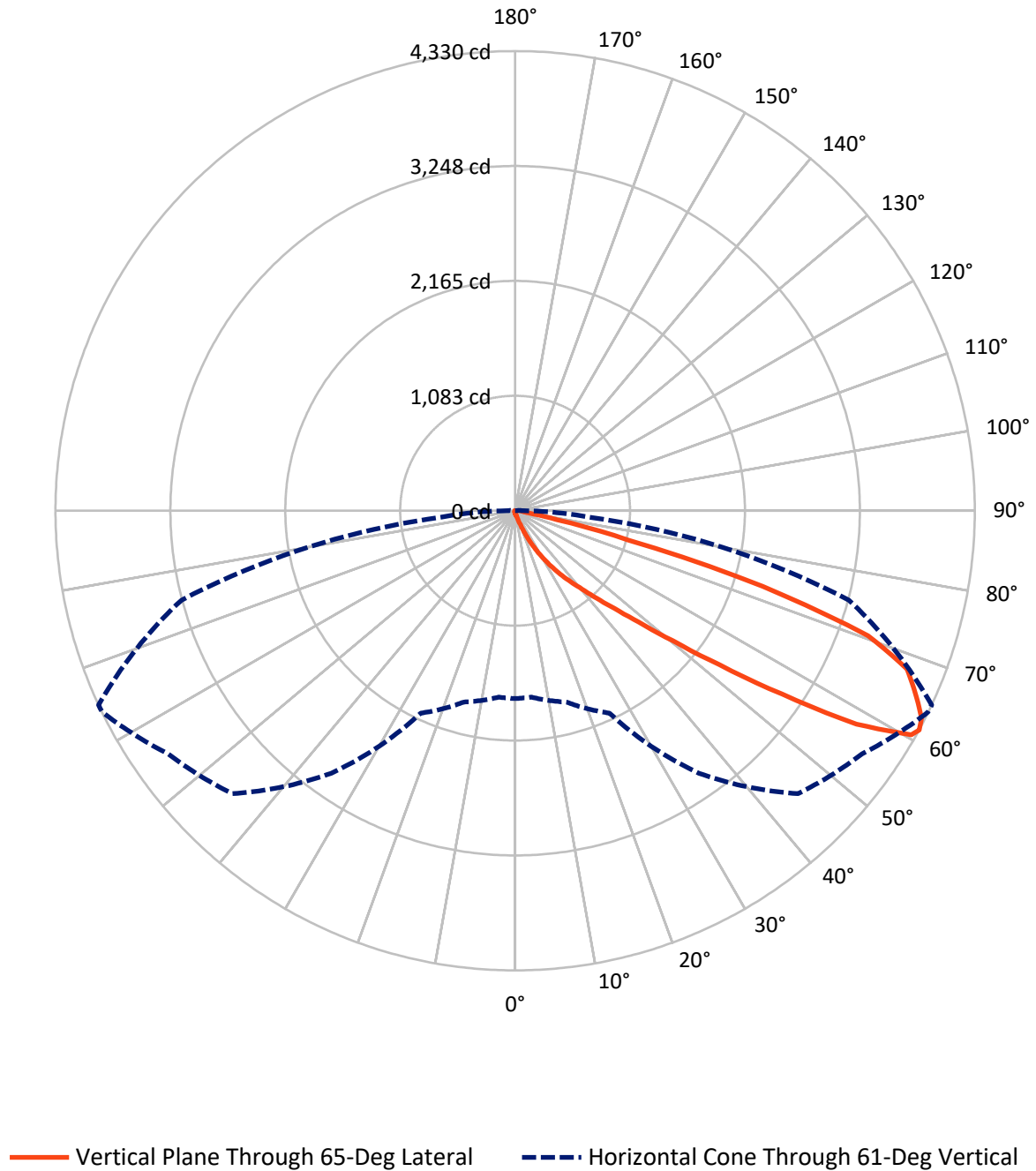


Based on 15 foot mounting height. Maximum calculated value = 5.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.7	0.0	16.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3906.2	0.0	3906.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	3922.9	0.0	3922.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.1	0.1
10°-20°	32.3	0.8
20°-30°	115.8	3.0
30°-40°	308.2	7.9
40°-50°	809.7	20.6
50°-60°	1254.4	32.0
60°-70°	1051.8	26.8
70°-80°	309.5	7.9
80°-90°	38.2	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°	3922.9	100.0
0°-180°	3922.9	100.0



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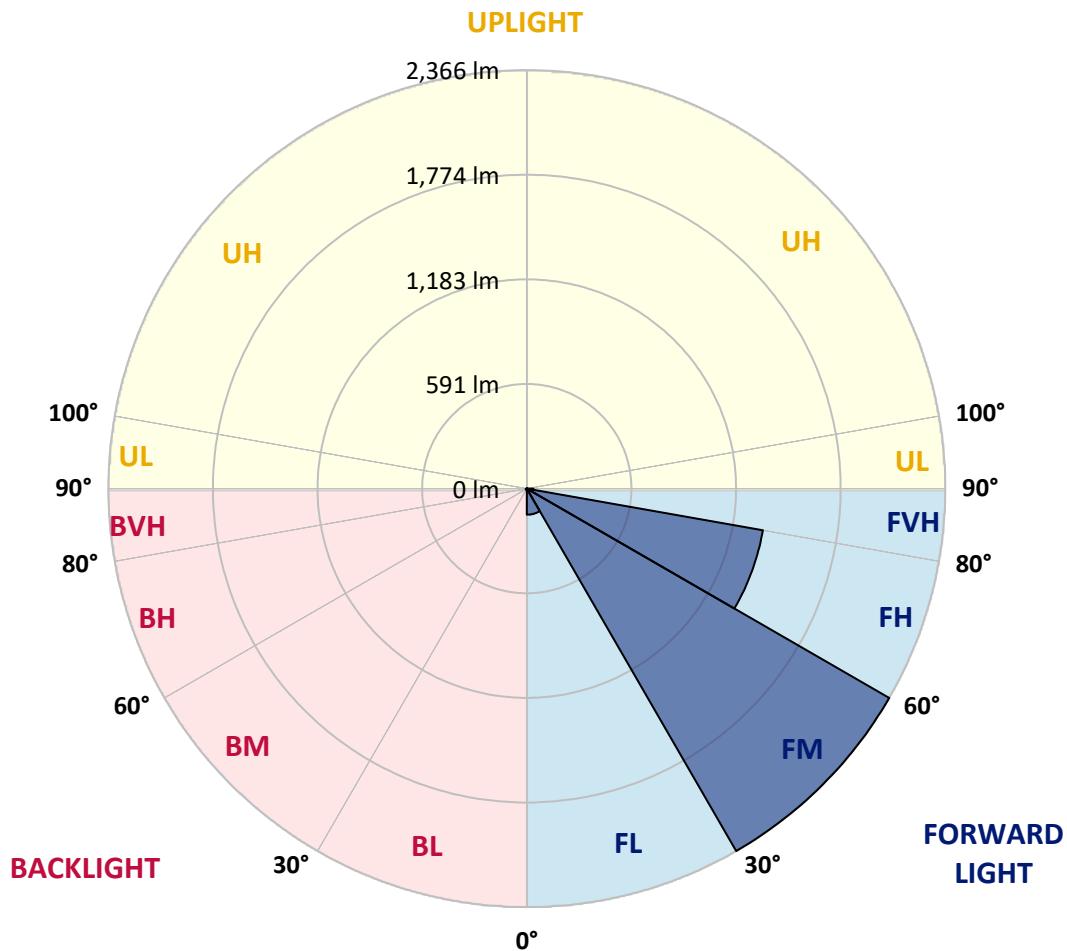
CATALOG NUMBER: GALN-SA1C-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	147.3	3.8			
FM	(30°-60°)	2366.0	60.3			
FH	(60°-80°)	1355.4	34.6			G1/1800
FVH	(80°-90°)	37.5	1.0			G1/100
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	6.4	0.2	B0/220		
BH	(60°-80°)	5.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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-G1

Type II Short



REPORT NUMBER: P1048095

CATALOG NUMBER: GALN-SA1C-930-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
2.5°	29.1	29.4	28.9	27.8	27.0	27.0	26.7	25.9	25.9	25.1	24.6
5°	40.7	40.2	39.1	37.0	35.1	33.2	31.3	29.4	29.1	26.7	25.1
7.5°	66.7	67.2	63.7	56.9	51.3	44.0	37.2	33.2	32.7	28.6	25.4
10°	146.3	142.2	134.1	107.9	88.8	66.9	49.7	38.6	38.0	30.8	25.9
12.5°	266.6	263.4	248.5	221.6	172.2	119.8	72.6	47.8	46.1	32.7	26.2
15°	384.3	379.1	371.1	343.8	286.0	214.8	118.7	65.3	61.0	35.4	25.9
17.5°	459.3	460.1	452.8	441.2	404.0	317.9	205.1	97.4	89.1	40.2	25.4
20°	524.9	523.0	527.0	520.8	494.6	432.0	298.5	154.4	140.1	48.0	25.6
22.5°	600.4	605.0	608.0	606.6	577.8	524.3	404.5	231.0	212.9	62.3	26.4
25°	701.6	701.1	701.4	697.8	669.8	610.4	510.8	326.3	307.9	85.5	28.3
27.5°	807.7	810.9	812.3	799.6	762.9	704.6	609.3	430.4	408.8	122.8	30.8
30°	952.6	949.9	943.7	917.8	873.3	800.9	706.5	539.7	517.0	174.9	34.5
32.5°	1148.0	1145.0	1113.7	1056.5	989.8	901.3	804.2	649.3	621.7	239.9	39.7
35°	1469.9	1474.5	1397.6	1249.4	1129.9	1021.9	912.4	758.3	734.0	320.0	46.7
37.5°	1962.9	1937.8	1833.4	1571.6	1314.2	1172.5	1015.7	868.4	847.3	418.8	55.9
40°	2441.9	2417.1	2386.9	2138.9	1634.5	1338.5	1160.4	997.7	970.4	530.3	69.4
42.5°	2945.5	2931.7	2930.4	2743.3	2219.0	1599.4	1334.4	1149.0	1125.8	652.5	91.5
45°	3302.2	3288.5	3317.3	3350.0	3015.1	2158.6	1637.5	1345.8	1312.0	800.9	126.8
47.5°	3350.3	3350.8	3428.0	3530.2	3606.6	3023.5	2041.2	1606.4	1565.4	1013.3	186.2
50°	3190.5	3196.7	3319.5	3502.5	3708.1	3749.1	2753.1	1984.8	1924.1	1265.1	270.4
52.5°	2886.4	2893.4	3064.5	3365.4	3614.7	3923.4	3591.2	2479.7	2409.8	1579.2	389.1
55°	2612.5	2616.8	2813.0	3193.2	3502.2	3828.7	4088.8	3140.6	3048.8	1965.6	506.2
57.5°	2341.3	2331.3	2458.9	2894.2	3483.0	3712.4	4162.2	3893.7	3792.5	2387.9	597.5
60°	1978.6	1961.8	2064.4	2341.3	3231.0	3788.8	4024.9	4310.4	4287.5	2976.0	667.9
61°	1770.0	1763.0	1866.0	2103.5	3018.9	3769.3	3992.0	4327.9	4330.4	3254.2	699.5
62.5°	1264.0	1284.0	1441.6	1750.3	2528.5	3643.3	3996.3	4273.7	4297.7	3623.9	781.2
65°	561.8	594.0	716.5	967.7	1470.4	3030.7	3958.0	4154.7	4142.8	3725.4	1063.0
67.5°	333.3	338.1	399.1	548.3	778.8	1630.2	3492.7	3997.4	3981.4	3243.1	1322.6
70°	262.6	265.0	284.4	344.1	452.0	624.4	1993.4	3458.5	3527.8	2629.7	1294.8
72.5°	249.1	248.5	251.2	261.8	284.7	309.8	771.8	2298.9	2440.0	1893.8	1085.6
75°	245.8	244.8	242.1	238.0	206.2	182.4	239.1	1016.8	1098.6	1294.0	817.4
77.5°	238.6	238.8	239.4	228.3	176.8	129.0	115.8	326.3	401.3	821.2	581.0
80°	161.4	163.8	167.9	163.5	158.9	93.4	81.8	116.0	117.7	460.9	383.7
82.5°	81.8	81.8	79.9	71.2	61.5	60.7	65.0	84.2	85.3	233.2	180.5
85°	49.4	52.1	53.2	48.3	44.3	40.7	49.7	66.9	69.4	90.4	42.1
87.5°	11.1	11.3	12.4	16.5	24.0	32.7	46.1	61.3	62.3	58.0	5.1
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: P1048095

CATALOG NUMBER: GALN-SA1C-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
2.5°	24.3	23.7	23.5	22.7	21.9	21.0	20.5	20.2	20.5	20.8	20.8
5°	24.0	23.2	21.9	20.5	19.4	18.4	17.3	17.0	17.0	17.3	17.3
7.5°	24.0	22.7	20.8	19.2	17.5	15.9	15.1	14.6	14.8	14.8	14.8
10°	24.0	22.4	20.0	17.5	15.7	13.8	12.4	11.9	11.9	11.9	11.9
12.5°	23.7	22.1	19.2	16.2	13.5	11.3	9.7	8.9	9.2	9.2	9.2
15°	23.2	21.3	18.1	13.8	10.8	8.6	7.0	6.2	6.5	7.0	7.3
17.5°	22.4	20.5	16.2	11.6	8.6	6.5	4.9	4.3	4.6	5.4	5.4
20°	22.1	19.7	14.3	9.4	6.5	4.6	3.2	2.7	3.0	4.0	4.3
22.5°	22.1	19.2	13.0	7.8	4.9	3.0	1.9	1.1	1.1	1.9	1.9
25°	22.4	18.9	11.9	6.5	3.5	2.2	1.1	0.5	1.1	3.0	3.5
27.5°	22.9	18.6	11.3	5.4	2.7	1.9	0.8	1.9	3.2	3.2	3.2
30°	23.5	18.1	10.5	4.6	2.4	1.3	1.3	2.7	2.7	3.2	3.5
32.5°	24.3	17.8	10.0	4.0	1.9	1.1	1.9	1.6	1.6	1.9	2.2
35°	25.9	18.1	9.4	4.0	1.9	1.3	1.6	0.8	0.5	0.5	0.5
37.5°	28.1	18.4	8.6	3.5	1.6	1.6	0.8	0.0	0.0	0.0	0.0
40°	31.6	19.2	8.1	3.2	1.3	1.3	0.3	0.0	0.0	0.0	0.0
42.5°	37.5	20.8	7.8	3.0	1.3	1.1	0.0	0.0	0.0	0.0	0.0
45°	49.4	24.6	7.3	2.7	1.3	0.5	0.0	0.0	0.0	0.0	0.0
47.5°	71.0	33.5	7.0	2.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0
50°	103.6	45.3	6.7	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	132.2	47.8	4.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	135.5	32.9	3.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	107.9	21.3	3.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	81.8	16.2	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	78.5	14.6	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	86.6	12.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	140.9	10.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	244.8	9.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	309.3	8.6	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	269.6	7.8	1.6	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	162.2	6.7	1.6	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	85.0	5.1	1.6	1.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0
80°	41.3	4.6	1.9	1.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0
82.5°	16.2	3.8	2.2	1.9	1.3	0.8	0.3	0.0	0.0	0.0	0.0
85°	7.3	3.2	2.4	2.2	1.9	1.1	0.3	0.0	0.0	0.0	0.0
87.5°	3.8	3.0	2.7	2.4	1.9	1.3	0.5	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

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

REPORT NUMBER: SP1-2407-184-14

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 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

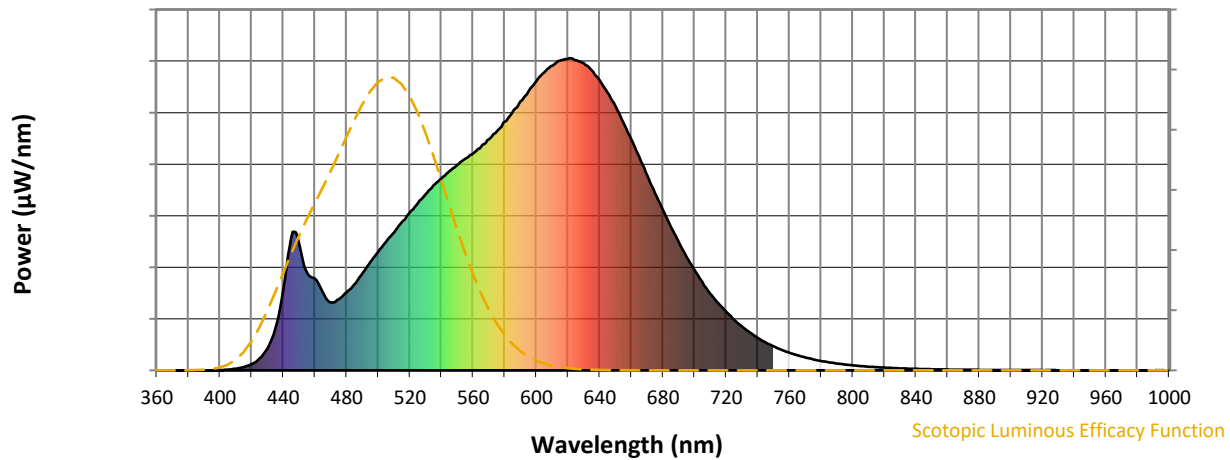


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



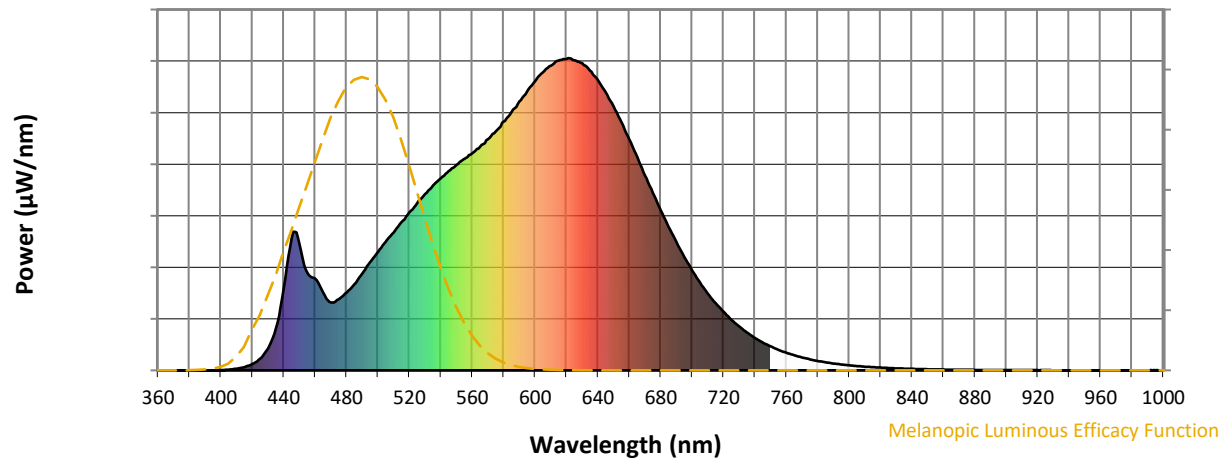
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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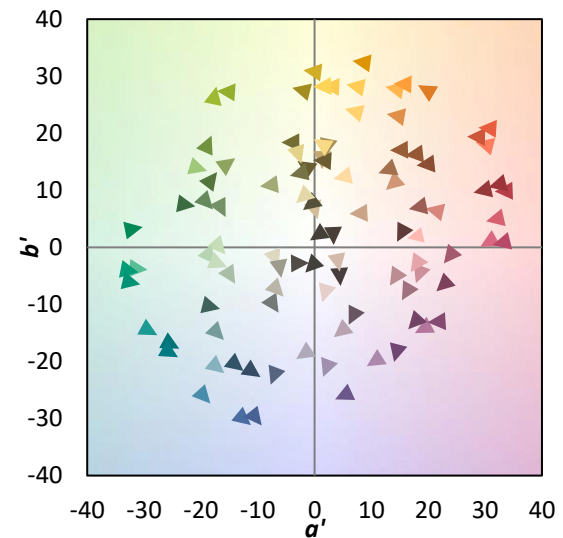
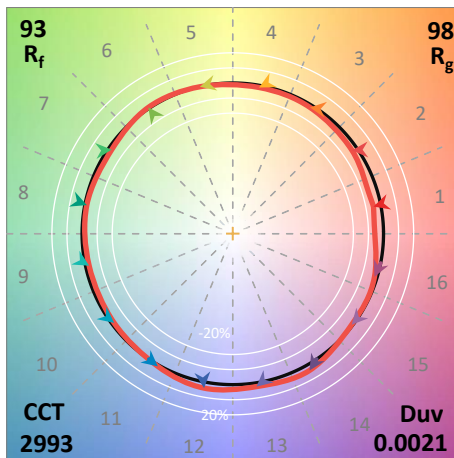
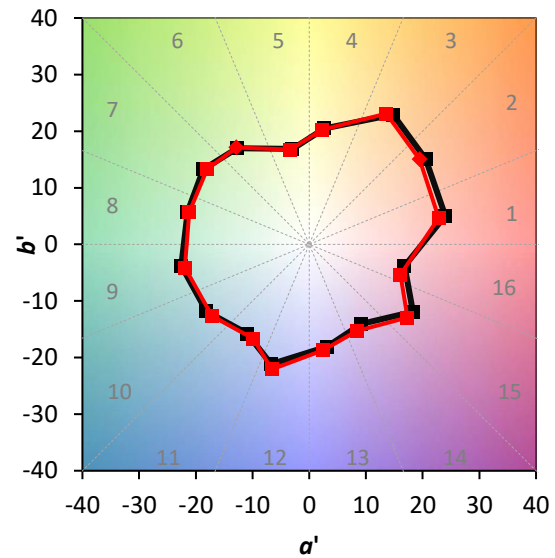
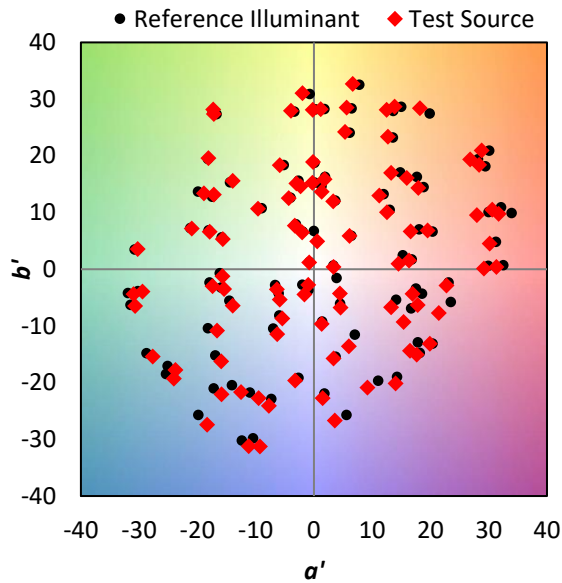
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

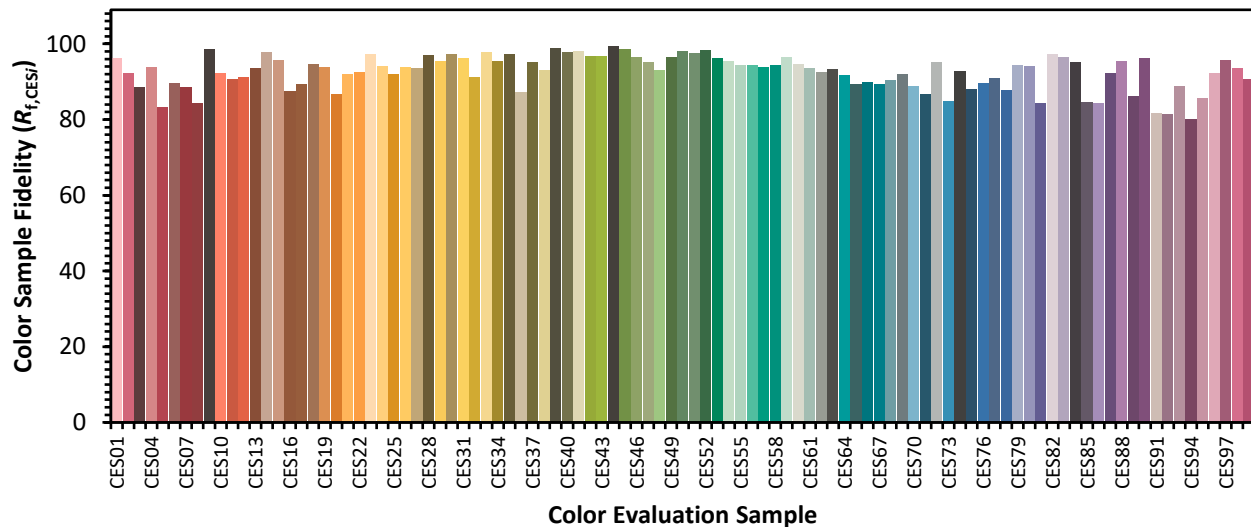


Color Vector Graphics



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

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)