

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: P1048733

Luminaire Tested: **GALN-SA8A-930-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048733
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-930-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20022.4 lumens
Efficiency: N/A
Efficacy: 92.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 217.6
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

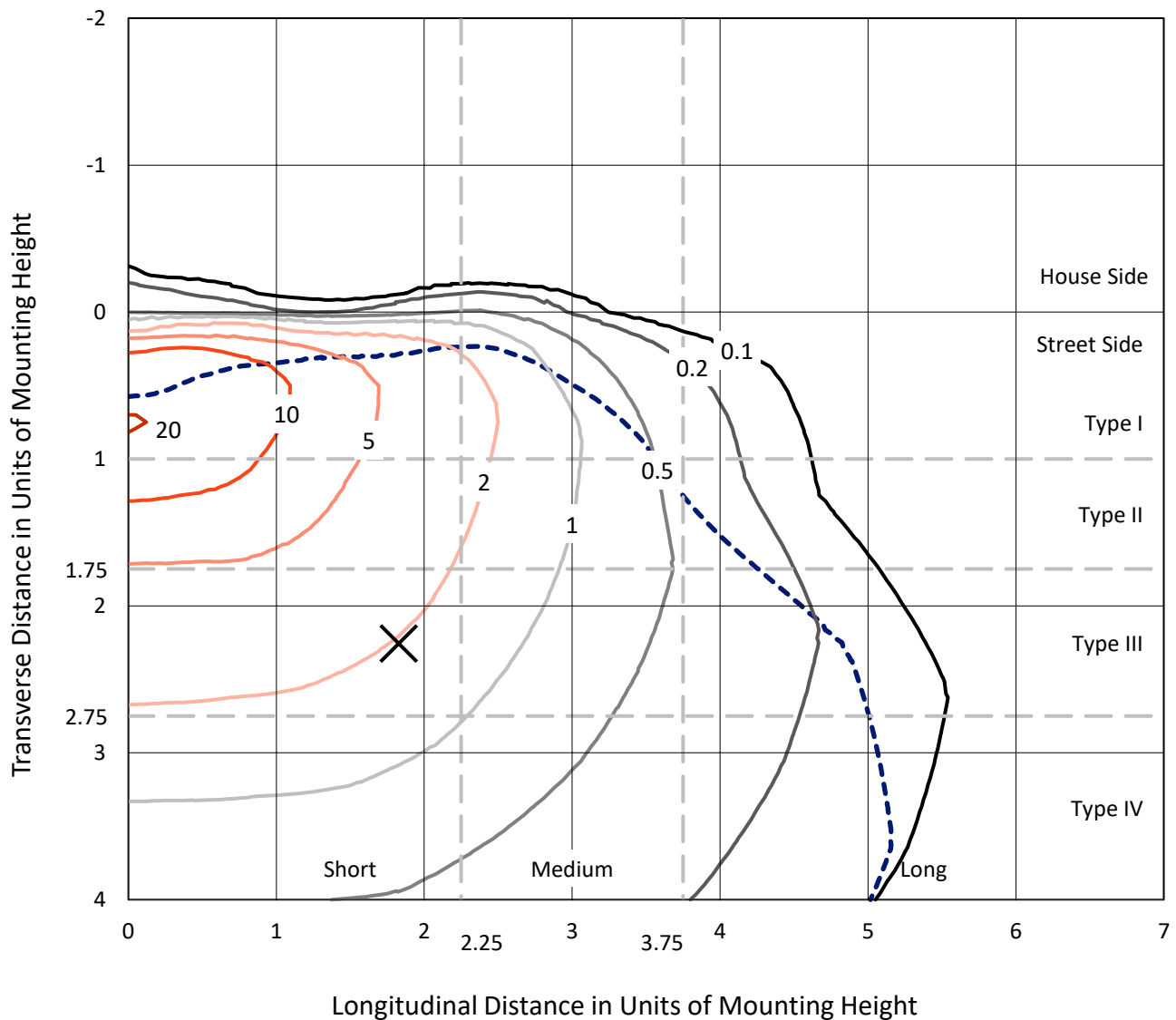


REPORT NUMBER: P1048733

CATALOG NUMBER: GALN-SA8A-930-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

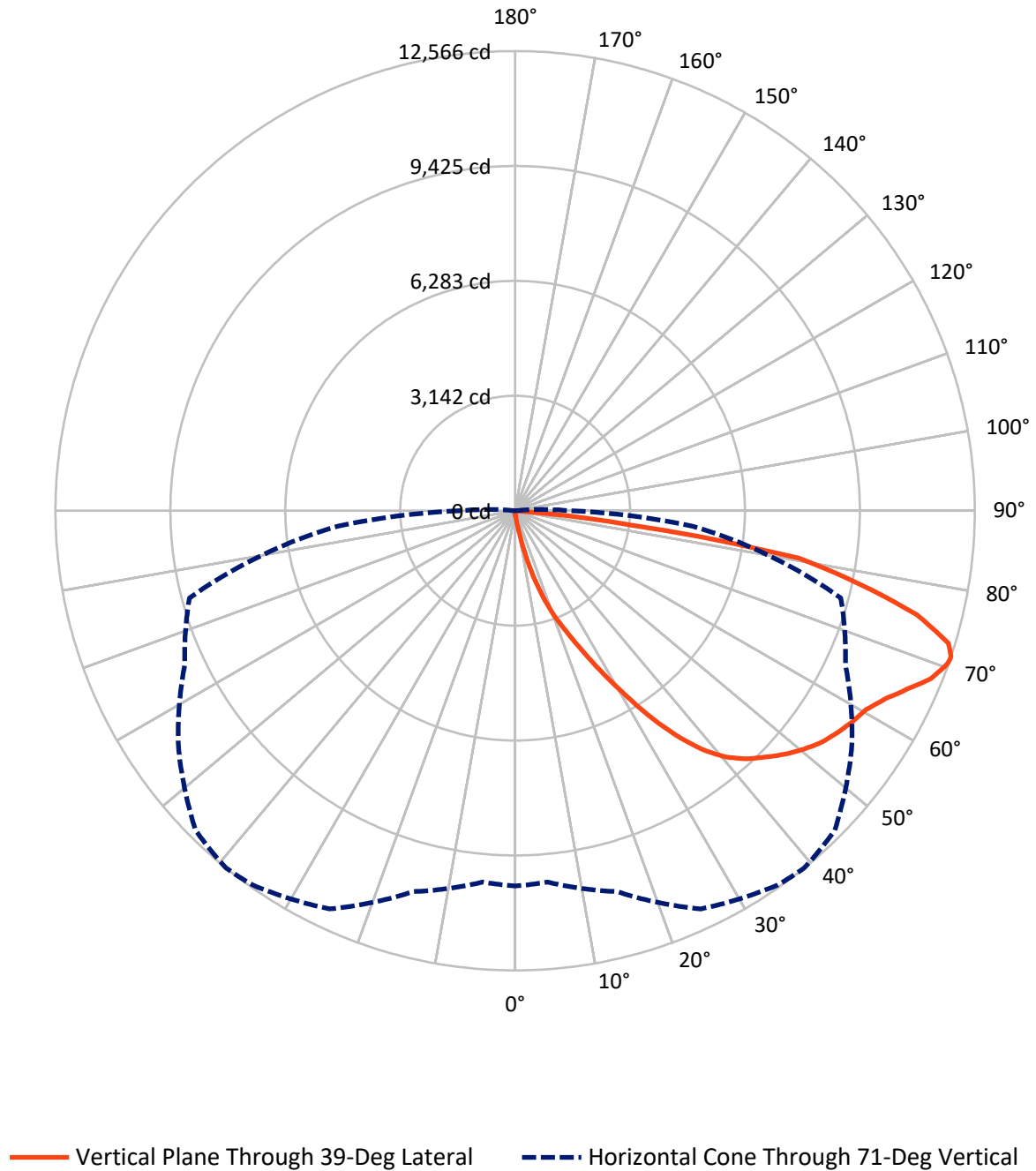


Based on 15 foot mounting height. Maximum calculated value = 20.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P1048733

CATALOG NUMBER: GALN-SA8A-930-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048733

CATALOG NUMBER: GALN-SA8A-930-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	71.2	0.0	71.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19951.2	0.0	19951.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	20022.4	0.0	20022.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.7	0.1
10°-20°	214.0	1.1
20°-30°	762.1	3.8
30°-40°	1836.7	9.2
40°-50°	3073.9	15.4
50°-60°	3948.1	19.7
60°-70°	4996.3	25.0
70°-80°	4454.4	22.2
80°-90°	720.0	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°	20022.4	100.0
0°-180°	20022.4	100.0



REPORT NUMBER: P1048733

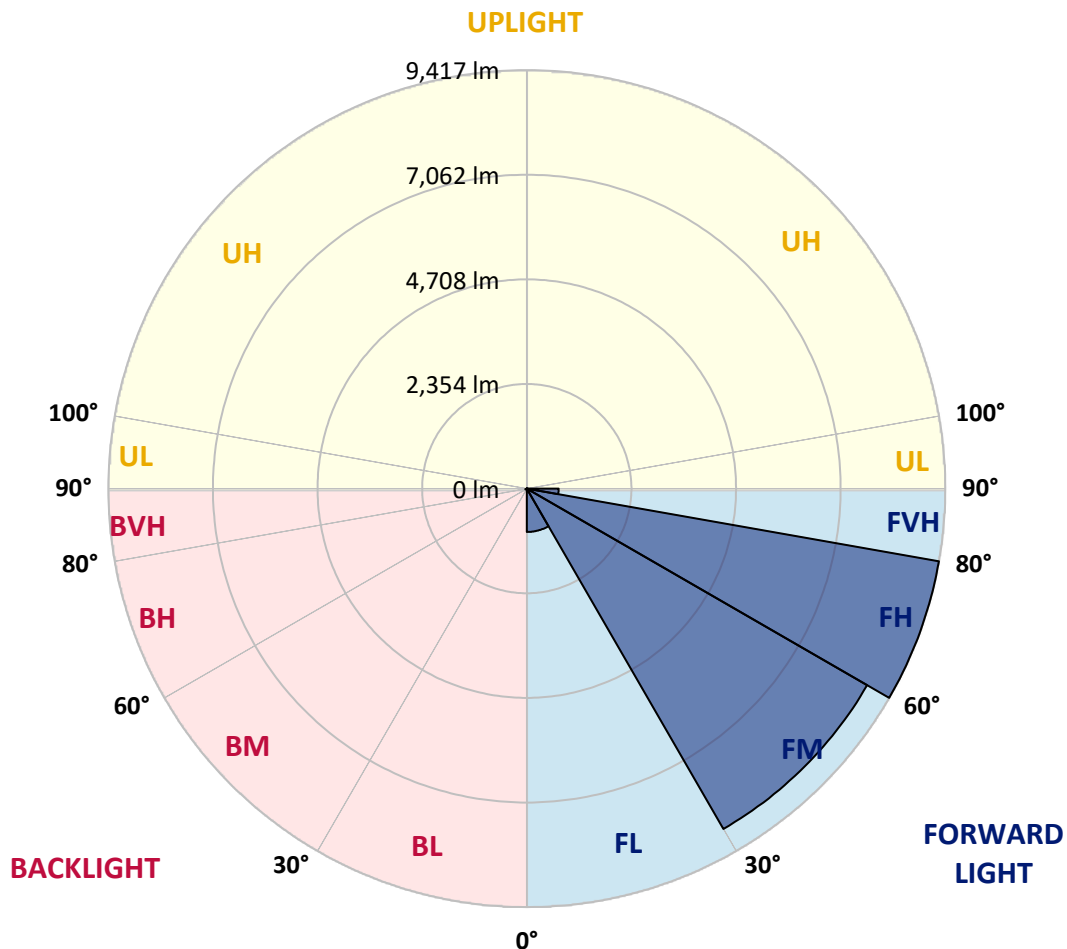
CATALOG NUMBER: GALN-SA8A-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	975.6	4.9			
FM	(30°-60°)	8842.3	44.2			
FH	(60°-80°)	9416.5	47.0			G4/12000
FVH	(80°-90°)	716.8	3.6			G4/750
BL	(0°-30°)	17.2	0.1	B0/110		
BM	(30°-60°)	16.5	0.1	B0/220		
BH	(60°-80°)	34.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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-G4

Type IV Short



REPORT NUMBER: P1048733

CATALOG NUMBER: GALN-SA8A-930-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8
2.5°	126.1	126.1	126.1	122.0	122.0	120.6	119.3	119.3	116.6	115.2	112.5
5°	191.1	187.0	177.6	172.1	161.3	154.5	147.7	138.3	128.8	122.0	113.9
7.5°	432.4	441.9	410.7	352.4	292.8	267.0	223.6	180.3	149.1	128.8	115.2
10°	1101.9	1096.5	990.8	874.2	675.0	595.0	466.3	294.1	192.5	141.0	116.6
12.5°	1874.5	1869.1	1744.4	1585.8	1322.9	1156.2	912.2	548.9	276.5	159.9	116.6
15°	2523.8	2502.1	2462.8	2305.5	1997.9	1858.3	1535.7	970.5	447.3	192.5	119.3
17.5°	2953.4	2934.5	2897.9	2840.9	2645.8	2480.4	2221.5	1524.8	723.8	249.4	124.7
20°	3347.9	3334.3	3304.5	3293.6	3167.6	3079.5	2865.3	2161.9	1127.7	338.9	132.8
22.5°	3890.0	3861.6	3873.8	3808.7	3685.4	3579.6	3448.2	2828.7	1621.1	487.9	147.7
25°	4554.2	4540.6	4506.7	4460.6	4289.9	4197.7	3995.7	3457.6	2172.7	683.1	164.0
27.5°	5356.6	5341.7	5333.5	5227.8	5031.3	4931.0	4649.0	4051.3	2793.5	956.9	185.7
30°	6281.0	6287.7	6234.9	6099.3	5870.3	5729.3	5439.3	4673.4	3429.2	1278.1	208.7
32.5°	7237.9	7224.3	7143.0	6983.1	6778.4	6646.9	6278.2	5355.2	4096.0	1702.4	235.8
35°	8269.3	8243.6	8029.4	7846.5	7671.6	7506.2	7170.1	6146.8	4762.9	2178.1	272.4
37.5°	9310.3	9189.7	8760.0	8528.2	8407.6	8272.1	7959.0	6991.2	5425.7	2709.5	317.2
40°	10096.4	10002.9	9493.3	9066.3	8970.1	8854.9	8621.7	7720.4	6130.5	3280.1	371.4
42.5°	10531.5	10480.0	10021.9	9600.4	9374.0	9272.3	9073.1	8357.4	6827.2	3910.4	450.0
45°	10717.2	10637.2	10330.9	10134.4	9773.8	9605.8	9368.6	8838.6	7555.0	4626.0	559.8
47.5°	10660.3	10614.2	10394.6	10466.5	10204.9	9943.3	9594.9	9207.3	8177.2	5447.4	710.2
50°	10302.5	10263.1	10195.4	10584.4	10551.8	10242.8	9887.7	9498.7	8685.5	6294.5	943.4
52.5°	9622.0	9605.8	9779.3	10492.2	10748.4	10507.1	10169.6	9756.2	9159.8	7179.6	1276.8
55°	8745.1	8811.5	9307.6	10348.5	10848.7	10702.3	10419.0	9997.5	9540.7	7971.2	1768.8
57.5°	8384.6	8402.2	9021.6	10246.9	10893.4	10874.4	10661.6	10227.9	9890.4	8604.1	2519.7
60°	8806.1	8779.0	9105.6	10324.1	10982.9	11029.0	10877.1	10442.1	10194.0	9147.6	3520.0
62.5°	9567.8	9552.9	9657.3	10653.5	11244.5	11338.0	11176.7	10596.6	10462.4	9505.5	4661.2
65°	10248.2	10217.1	10410.9	11237.7	11703.9	11770.4	11629.4	10860.9	10580.3	9765.7	5733.4
67.5°	10542.4	10535.6	10847.3	11793.4	12186.5	12258.3	12135.0	11225.5	10553.2	9848.4	6206.4
70°	10408.2	10382.4	10881.2	12029.2	12458.9	12540.2	12421.0	11361.0	10259.1	9586.8	5505.7
71°	10260.4	10191.3	10779.6	12013.0	12496.9	12566.0	12357.2	11237.7	9963.6	9215.4	4870.0
72.5°	9802.3	9814.5	10500.3	11843.6	12406.0	12385.7	11996.7	10795.8	9607.1	8372.4	3911.7
75°	8674.6	8746.4	9596.3	11132.0	11595.5	11336.6	10741.6	9951.4	8891.5	6003.1	2716.2
77.5°	7088.8	7195.9	8129.7	9763.0	9631.5	9605.8	9581.4	8768.1	7593.0	3224.5	1889.4
80°	3384.5	3616.2	4903.9	6969.5	7571.3	7862.7	7679.7	7065.7	5871.6	1535.7	1129.1
82.5°	220.9	218.2	309.0	585.5	2468.2	3190.6	5069.2	5050.2	4093.3	748.2	460.8
85°	104.4	107.1	117.9	134.2	155.9	170.8	235.8	1382.5	1958.6	356.5	100.3
87.5°	61.0	62.3	73.2	93.5	122.0	135.5	161.3	207.4	254.8	196.5	21.7
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: P1048733

CATALOG NUMBER: GALN-SA8A-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8	109.8
2.5°	111.1	109.8	105.7	101.7	97.6	94.9	93.5	94.9	94.9	96.2	96.2
5°	111.1	107.1	100.3	92.2	86.7	81.3	78.6	77.3	78.6	78.6	78.6
7.5°	109.8	103.0	93.5	84.0	77.3	70.5	67.8	66.4	66.4	67.8	67.8
10°	107.1	100.3	88.1	77.3	69.1	61.0	56.9	52.9	52.9	52.9	54.2
12.5°	105.7	96.2	81.3	70.5	59.6	50.2	42.0	38.0	39.3	39.3	39.3
15°	103.0	92.2	77.3	63.7	50.2	38.0	31.2	27.1	28.5	29.8	28.5
17.5°	103.0	90.8	71.8	55.6	39.3	28.5	23.0	20.3	20.3	21.7	21.7
20°	103.0	88.1	67.8	47.4	29.8	21.7	16.3	14.9	14.9	17.6	19.0
22.5°	105.7	88.1	62.3	39.3	24.4	16.3	12.2	10.8	12.2	14.9	16.3
25°	109.8	86.7	56.9	35.2	20.3	12.2	9.5	6.8	8.1	10.8	12.2
27.5°	113.9	85.4	51.5	31.2	16.3	9.5	6.8	5.4	4.1	5.4	5.4
30°	117.9	85.4	46.1	25.8	13.6	6.8	4.1	2.7	1.4	0.0	0.0
32.5°	120.6	82.7	42.0	20.3	10.8	5.4	2.7	1.4	0.0	0.0	0.0
35°	123.3	80.0	36.6	16.3	8.1	4.1	1.4	0.0	0.0	0.0	0.0
37.5°	126.1	75.9	31.2	13.6	6.8	2.7	0.0	0.0	0.0	0.0	0.0
40°	128.8	70.5	25.8	12.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	131.5	66.4	21.7	9.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0
45°	138.3	63.7	17.6	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	150.5	61.0	16.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	168.1	58.3	14.9	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	192.5	56.9	13.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	235.8	55.6	12.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	310.4	54.2	12.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	475.7	51.5	12.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	849.8	50.2	10.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1481.5	51.5	10.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2123.9	54.2	9.5	4.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	1817.6	47.4	9.5	5.4	2.7	1.4	0.0	0.0	0.0	0.0	0.0
71°	1481.5	42.0	9.5	5.4	2.7	1.4	1.4	0.0	0.0	0.0	0.0
72.5°	952.9	32.5	8.1	5.4	2.7	2.7	1.4	0.0	0.0	0.0	0.0
75°	402.6	27.1	8.1	5.4	4.1	2.7	2.7	1.4	0.0	0.0	0.0
77.5°	172.1	20.3	8.1	6.8	5.4	4.1	4.1	2.7	1.4	0.0	0.0
80°	65.1	16.3	9.5	8.1	6.8	6.8	5.4	2.7	1.4	0.0	0.0
82.5°	29.8	13.6	9.5	8.1	8.1	6.8	5.4	4.1	2.7	0.0	0.0
85°	19.0	12.2	9.5	8.1	8.1	6.8	6.8	4.1	2.7	0.0	0.0
87.5°	14.9	12.2	9.5	9.5	8.1	8.1	5.4	4.1	1.4	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

REPORT NUMBER: SP1-2407-184-14

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

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

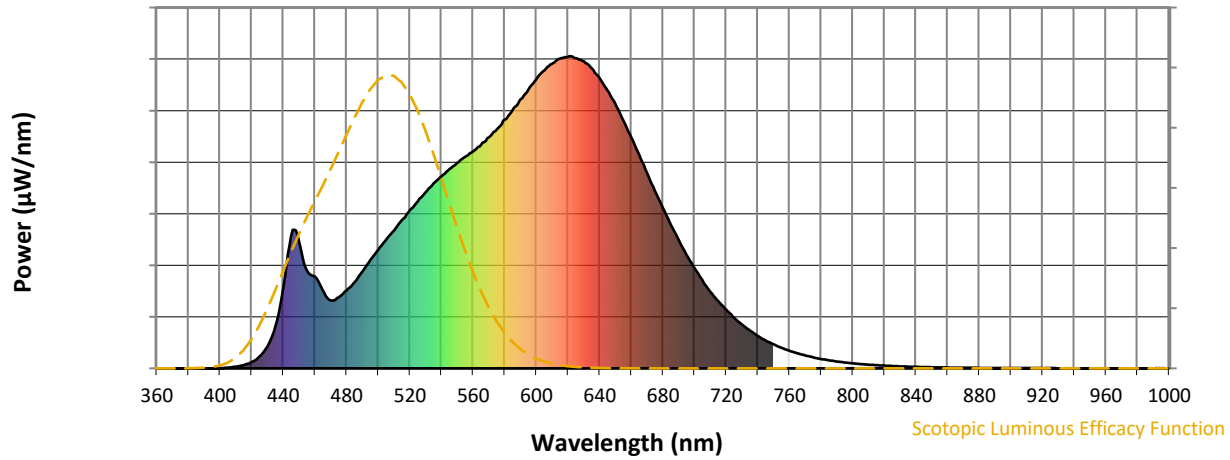


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



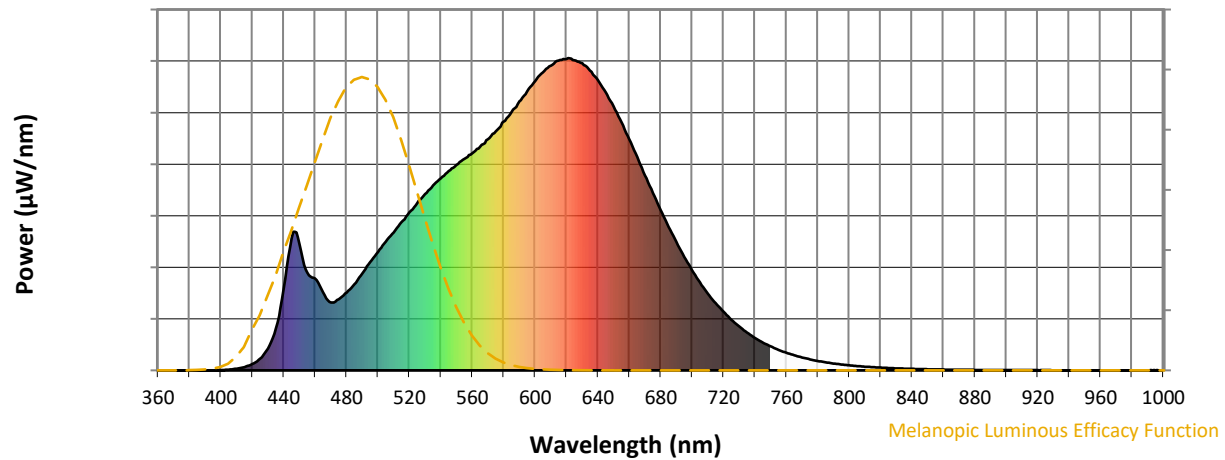
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

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			

REPORT NUMBER: SP1-2407-184-14

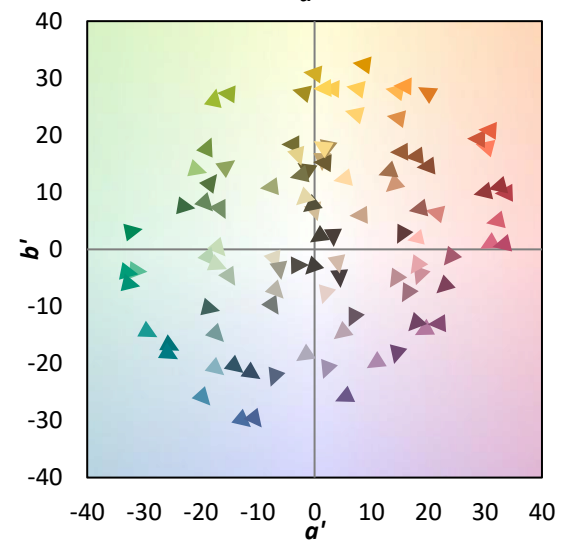
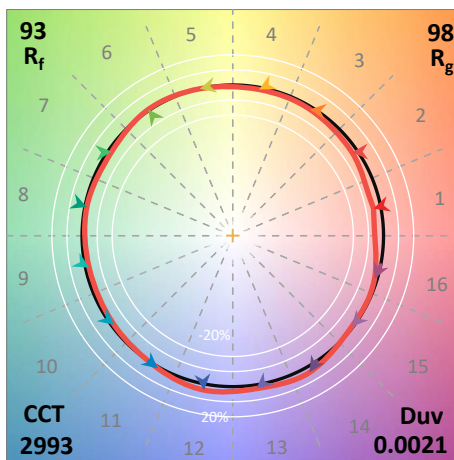
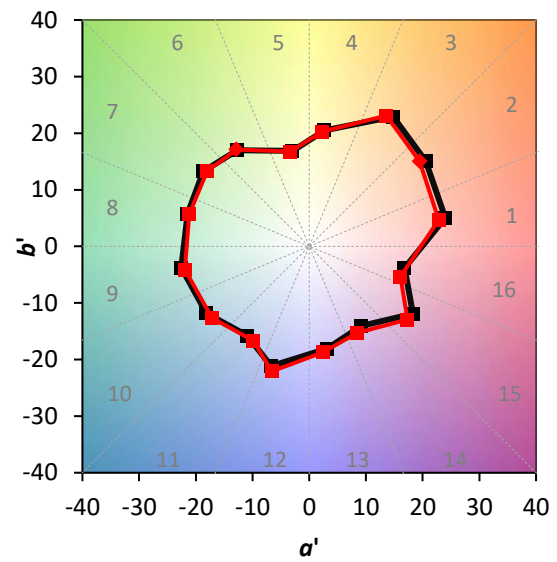
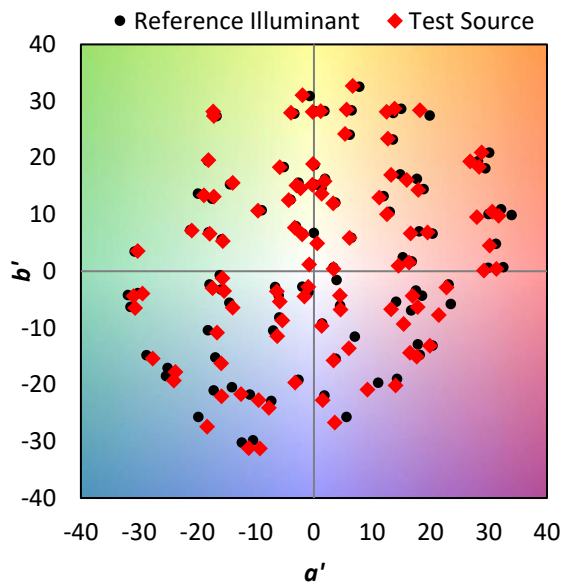
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

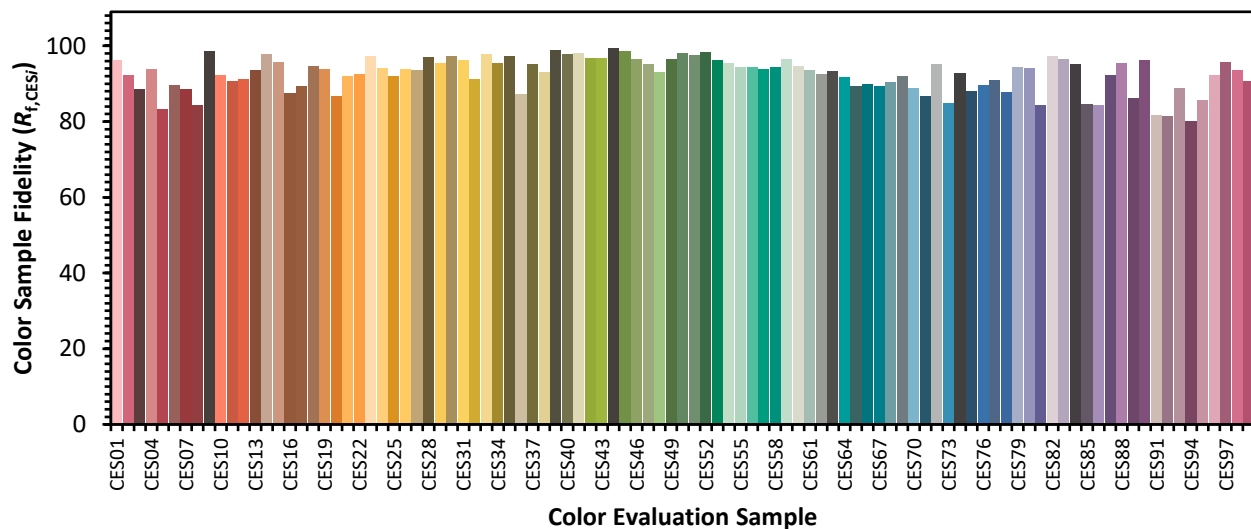


Color Vector Graphics



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)