

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: STREETWORKS

Report Number: P1063135

Luminaire Tested: **GLAN-SA5C-930-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063135
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5C-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20055.6 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 236
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

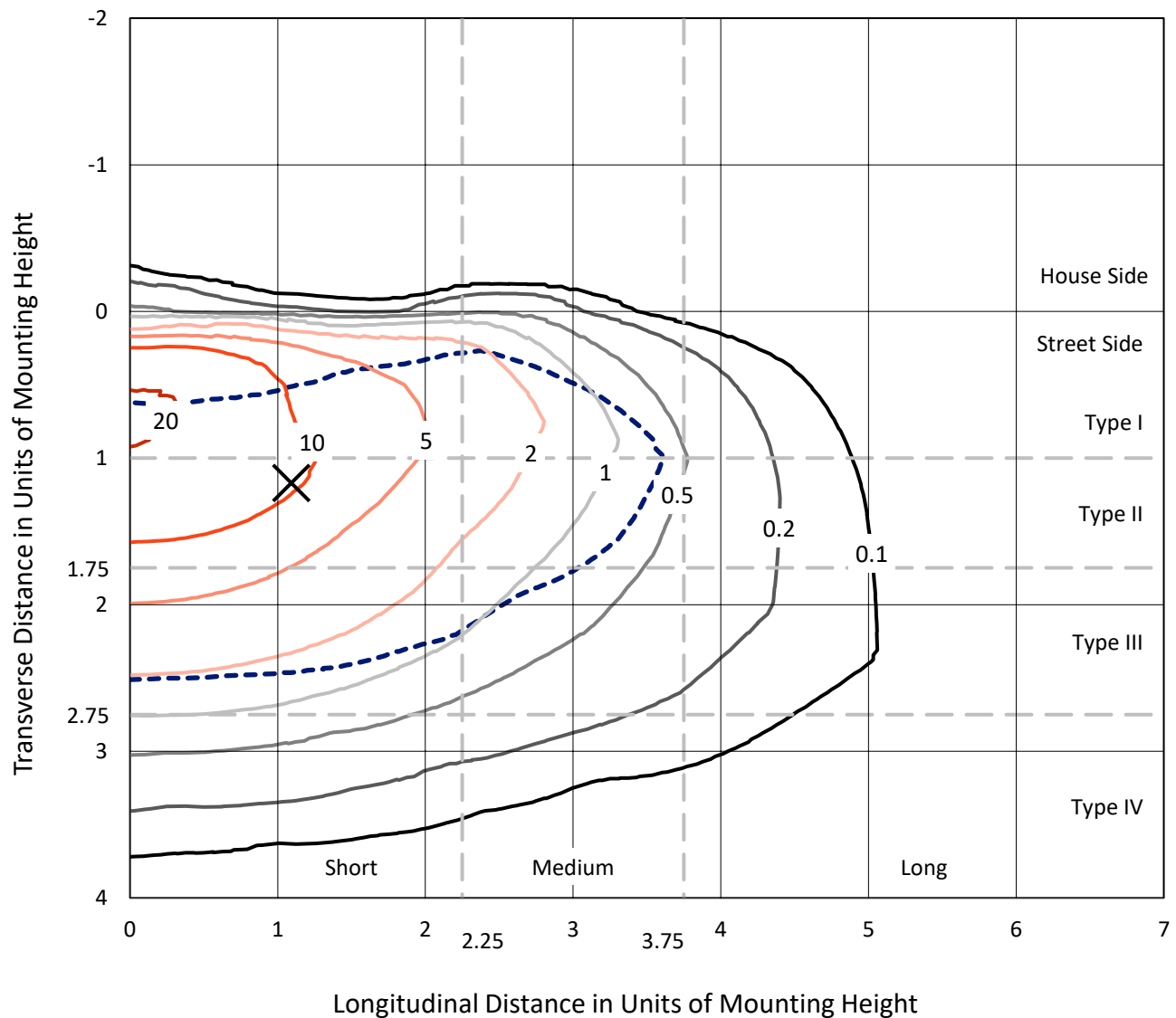


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

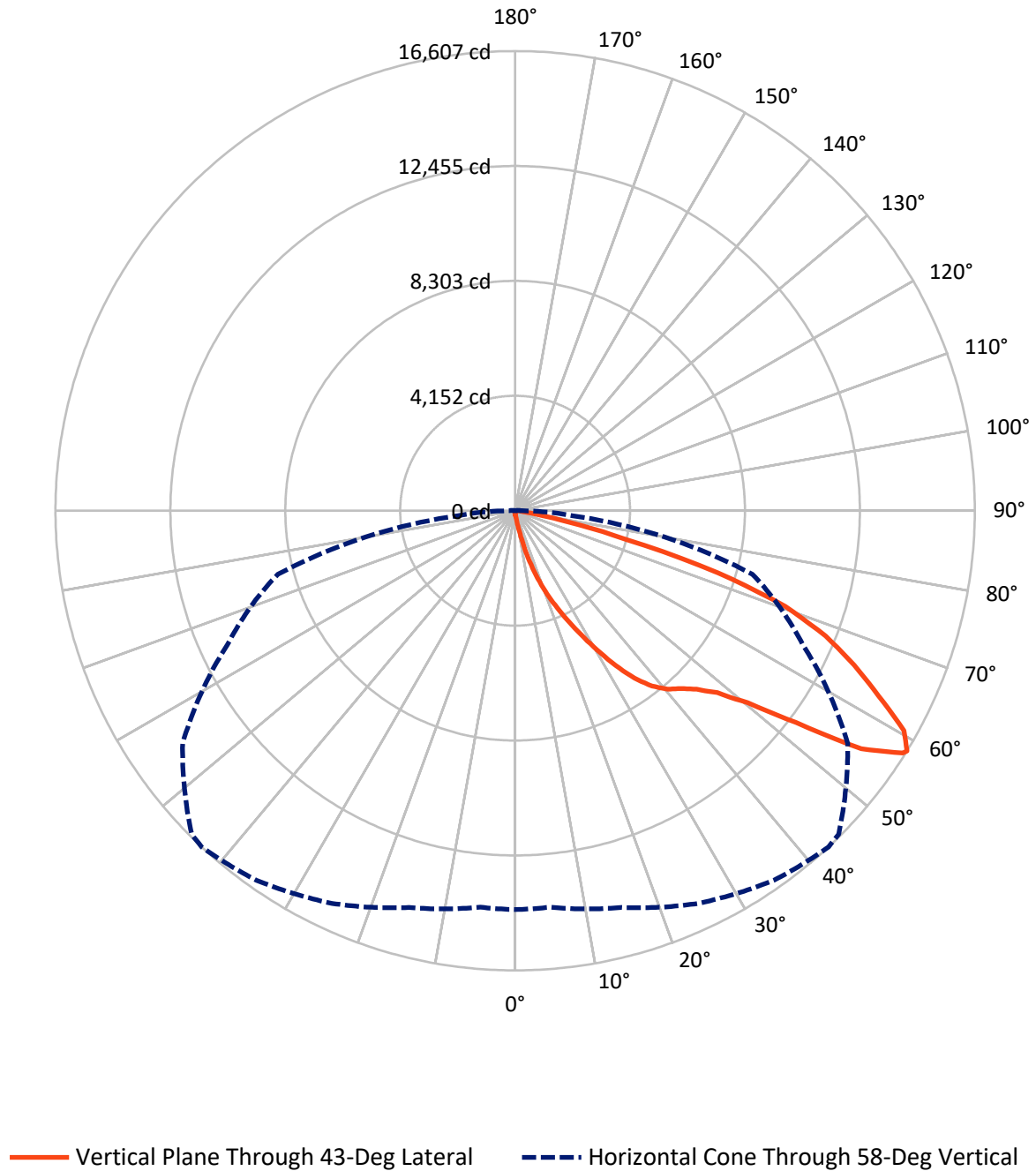


Based on 15 foot mounting height. Maximum calculated value = 22.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	73.2	0.0	73.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19982.4	0.0	19982.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	20055.6	0.0	20055.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	0.1
10°-20°	230.5	1.1
20°-30°	830.9	4.1
30°-40°	1901.1	9.5
40°-50°	3206.5	16.0
50°-60°	5291.5	26.4
60°-70°	5914.0	29.5
70°-80°	2441.8	12.2
80°-90°	220.1	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°	20055.6	100.0
0°-180°	20055.6	100.0



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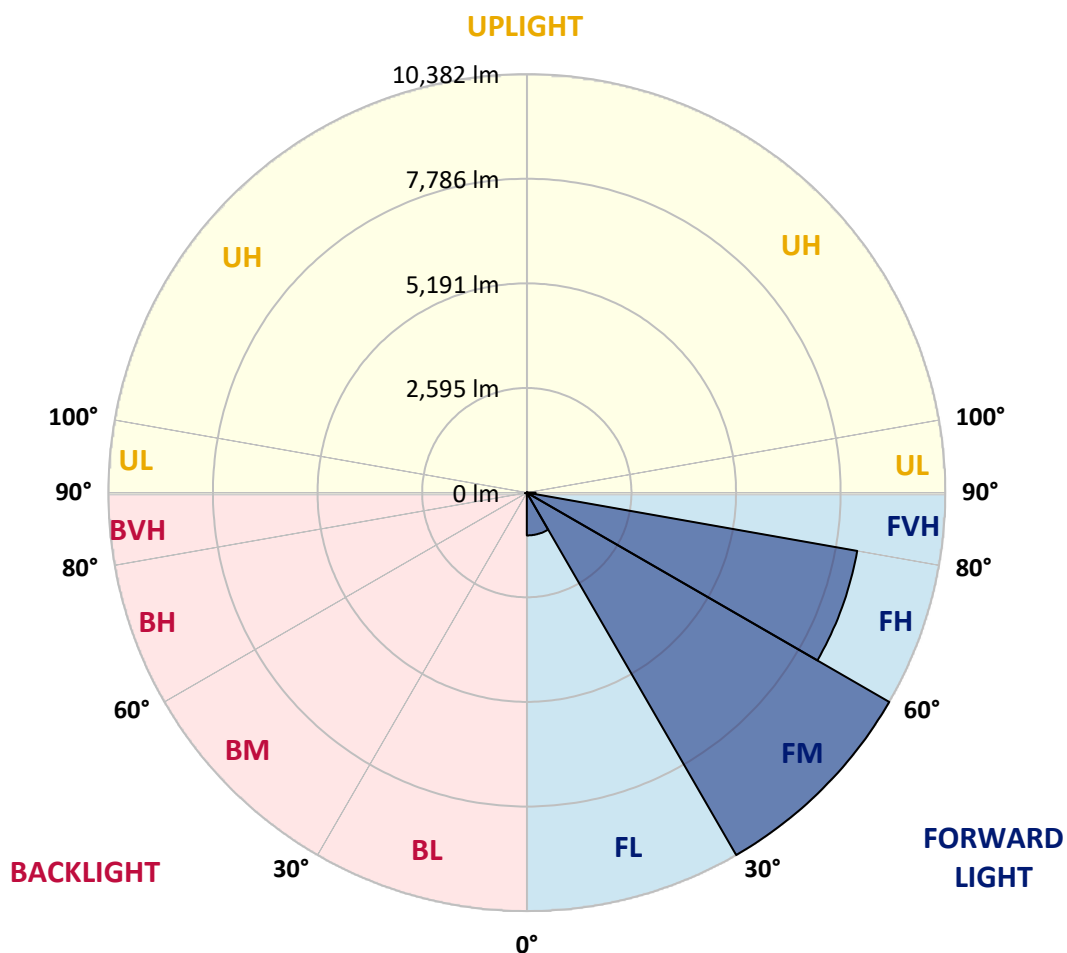
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1061.6	5.3			
FM	(30°-60°)	10381.6	51.8			
FH	(60°-80°)	8322.2	41.5			G4/12000
FVH	(80°-90°)	217.1	1.1			G2/225
BL	(0°-30°)	19.1	0.1	B0/110		
BM	(30°-60°)	17.5	0.1	B0/220		
BH	(60°-80°)	33.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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 III Short



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CATALOG NUMBER: GLAN-SA5C-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1
2.5°	157.4	162.6	157.4	157.4	157.4	152.1	152.1	146.9	146.9	141.6	136.4
5°	230.8	230.8	215.1	204.6	194.1	188.8	183.6	173.1	162.6	152.1	141.6
7.5°	514.0	514.0	466.8	403.9	320.0	272.8	262.3	215.1	183.6	162.6	141.6
10°	1227.4	1227.4	1122.5	949.4	734.4	545.5	487.8	309.5	220.3	173.1	146.9
12.5°	2040.5	2066.7	1935.5	1715.2	1395.3	1064.8	949.4	566.5	293.7	188.8	146.9
15°	2769.6	2706.6	2669.9	2460.1	2155.9	1762.4	1615.6	954.7	424.9	215.1	146.9
17.5°	3262.6	3262.6	3210.2	3068.5	2790.5	2444.3	2323.7	1542.1	687.1	246.5	152.1
20°	3839.6	3839.6	3745.2	3645.5	3399.0	3105.3	2989.9	2192.6	1064.8	314.7	152.1
22.5°	4537.3	4547.7	4442.8	4264.5	4028.5	3703.2	3603.6	2795.8	1542.1	419.6	157.4
25°	5387.0	5397.5	5245.4	5077.5	4715.6	4364.2	4212.0	3488.2	2124.4	587.5	157.4
27.5°	6325.9	6399.4	6173.8	5885.3	5502.4	5061.8	4946.4	4112.4	2701.4	828.8	167.9
30°	7495.7	7495.7	7196.7	6792.8	6378.4	5832.9	5686.0	4768.1	3315.1	1148.7	178.3
32.5°	8502.8	8424.1	8041.2	7616.3	7175.7	6666.9	6509.5	5455.2	3944.5	1547.4	199.3
35°	9273.8	9205.6	8733.6	8277.2	7894.3	7427.5	7238.6	6200.0	4610.7	1998.5	230.8
37.5°	9934.8	9908.5	9268.6	8696.8	8445.1	8035.9	7868.1	6902.9	5266.4	2486.3	267.5
40°	10658.6	10574.7	9892.8	9184.7	8807.0	8476.5	8324.4	7469.4	5895.8	3058.1	320.0
42.5°	11277.6	11177.9	10564.2	9871.8	9226.6	8780.8	8633.9	7946.8	6509.5	3629.8	388.2
45°	11964.7	11912.3	11293.3	10768.8	9908.5	9195.2	9001.1	8329.7	7070.8	4311.7	477.3
47.5°	12998.1	12903.6	12326.7	11896.5	10899.9	9824.6	9546.6	8723.1	7611.1	4983.1	613.7
50°	14199.3	14136.3	13795.4	13454.4	12463.0	10899.9	10569.4	9289.6	8214.3	5780.4	792.1
52.5°	15180.1	15169.6	15211.6	15216.9	14466.8	12709.6	12216.5	10202.3	8906.7	6567.2	1043.8
55°	15159.2	15206.4	15668.0	16197.7	16255.4	15180.1	14702.8	11739.2	9808.9	7537.6	1395.3
57.5°	14592.7	14555.9	15043.8	15841.1	16402.3	16517.7	16439.0	14125.8	11167.4	8707.3	1935.5
58°	14409.1	14377.6	14839.2	15652.2	16297.4	16606.9	16528.2	14666.1	11471.7	8875.2	2082.4
60°	13742.9	13748.1	14020.9	14760.5	15405.7	16140.0	16213.5	16208.2	12987.6	9997.7	2822.0
62.5°	12861.7	12819.7	13071.5	13674.7	14241.2	14734.3	14860.2	16313.1	15206.4	11424.4	4233.0
65°	11644.8	11581.8	11849.3	12531.2	13139.7	13459.7	13464.9	14907.4	16250.2	12956.1	6247.3
67.5°	9384.0	9331.5	9866.6	10742.5	11681.5	12101.1	12289.9	12935.1	15369.0	13994.7	7401.2
70°	5748.9	5859.1	6603.9	7978.2	9583.3	10354.4	10637.6	10837.0	13087.2	13837.3	6189.6
72.5°	2654.2	2523.0	3157.7	4117.6	5948.3	7663.5	7957.2	8738.8	10375.4	12011.9	4615.9
75°	1237.9	1190.7	1337.6	1799.2	2696.1	4138.6	4673.6	6976.4	7957.2	8355.9	3330.8
77.5°	634.7	639.9	760.6	818.3	1112.0	1914.6	2197.8	4589.7	5832.9	4663.1	2234.5
80°	278.0	288.5	293.7	320.0	451.1	739.6	834.0	2129.6	3986.5	2376.2	1222.2
82.5°	178.3	183.6	183.6	183.6	215.1	293.7	335.7	855.0	1988.0	1180.2	377.7
85°	94.4	94.4	104.9	131.1	152.1	178.3	188.8	272.8	655.7	351.4	89.2
87.5°	52.5	57.7	62.9	78.7	99.7	120.6	131.1	188.8	251.8	241.3	21.0
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: GLAN-SA5C-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1	131.1
2.5°	136.4	131.1	125.9	120.6	115.4	110.2	110.2	110.2	110.2	110.2	110.2
5°	131.1	125.9	120.6	110.2	99.7	94.4	89.2	83.9	83.9	83.9	83.9
7.5°	131.1	125.9	110.2	99.7	89.2	78.7	68.2	68.2	68.2	68.2	68.2
10°	131.1	120.6	104.9	89.2	73.4	62.9	57.7	52.5	52.5	52.5	52.5
12.5°	131.1	115.4	99.7	78.7	62.9	52.5	47.2	42.0	42.0	42.0	42.0
15°	131.1	115.4	94.4	73.4	57.7	42.0	36.7	31.5	31.5	31.5	31.5
17.5°	125.9	110.2	89.2	62.9	47.2	31.5	26.2	21.0	21.0	26.2	26.2
20°	120.6	104.9	78.7	52.5	36.7	26.2	15.7	15.7	15.7	15.7	15.7
22.5°	120.6	104.9	73.4	47.2	31.5	15.7	10.5	10.5	10.5	10.5	15.7
25°	120.6	99.7	62.9	36.7	21.0	10.5	5.2	5.2	5.2	5.2	5.2
27.5°	120.6	99.7	57.7	31.5	15.7	10.5	5.2	0.0	0.0	0.0	0.0
30°	115.4	94.4	52.5	26.2	10.5	5.2	0.0	0.0	0.0	0.0	0.0
32.5°	115.4	89.2	42.0	21.0	10.5	5.2	0.0	0.0	0.0	0.0	0.0
35°	120.6	83.9	36.7	15.7	5.2	0.0	0.0	0.0	0.0	0.0	5.2
37.5°	125.9	78.7	31.5	10.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	131.1	73.4	31.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	141.6	73.4	26.2	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	152.1	73.4	21.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	173.1	78.7	21.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	188.8	83.9	15.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	209.8	78.7	15.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	236.0	78.7	15.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	257.0	73.4	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	267.5	68.2	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	320.0	62.9	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	498.3	52.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1012.4	47.2	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1888.3	42.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2113.9	47.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1332.3	36.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	702.9	36.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	351.4	36.7	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	162.6	26.2	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	68.2	15.7	10.5	5.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	31.5	15.7	10.5	10.5	5.2	5.2	0.0	0.0	0.0	0.0	0.0
87.5°	15.7	15.7	15.7	10.5	10.5	5.2	5.2	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



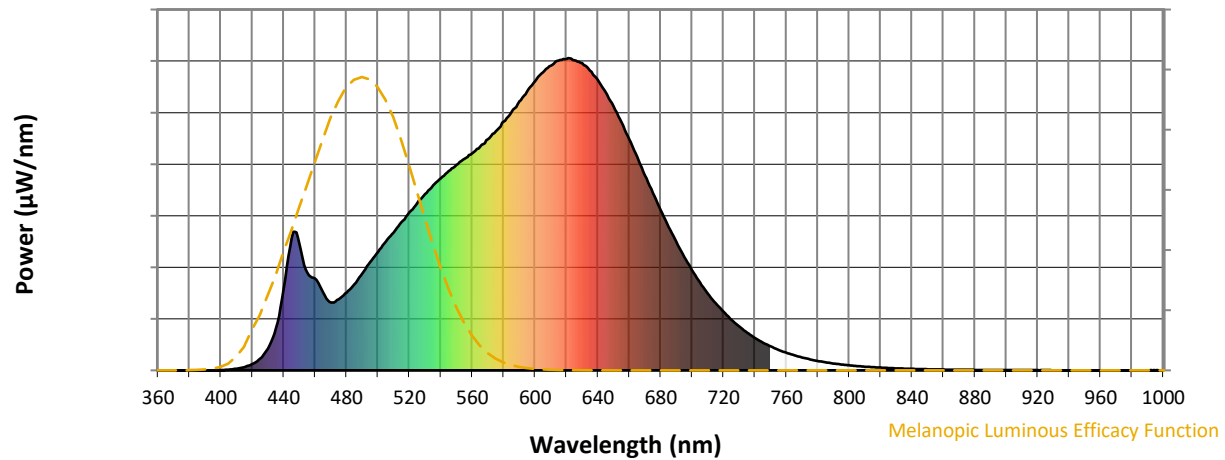
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

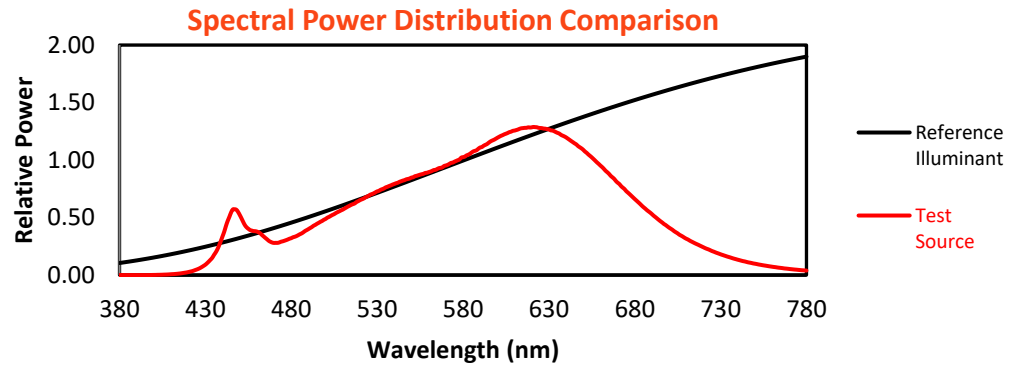
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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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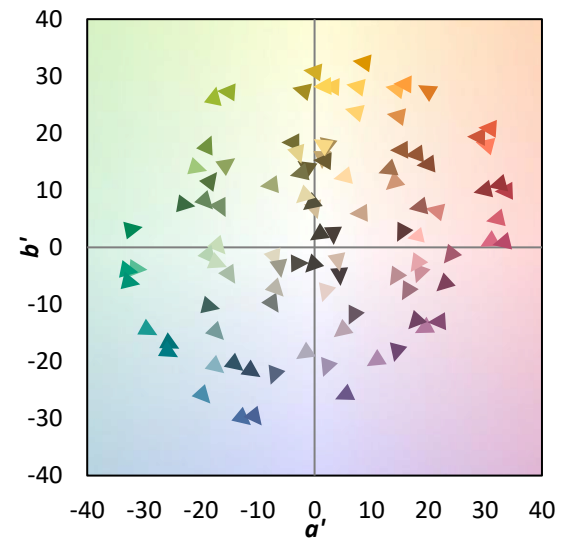
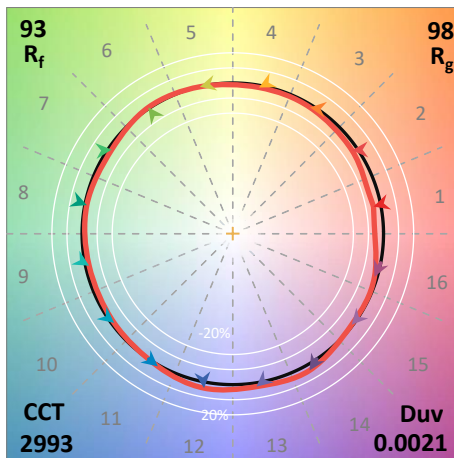
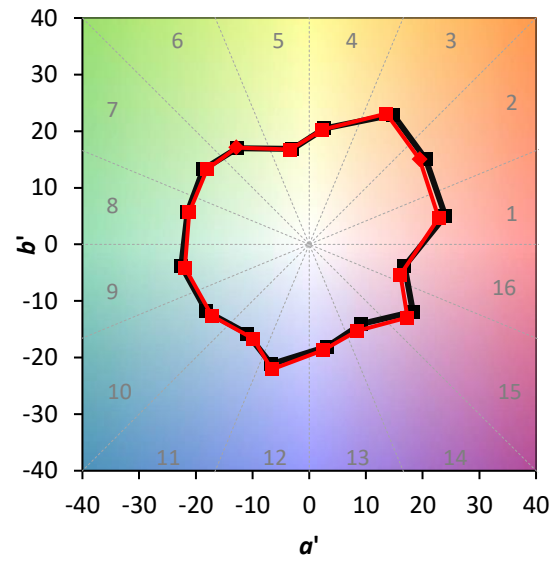
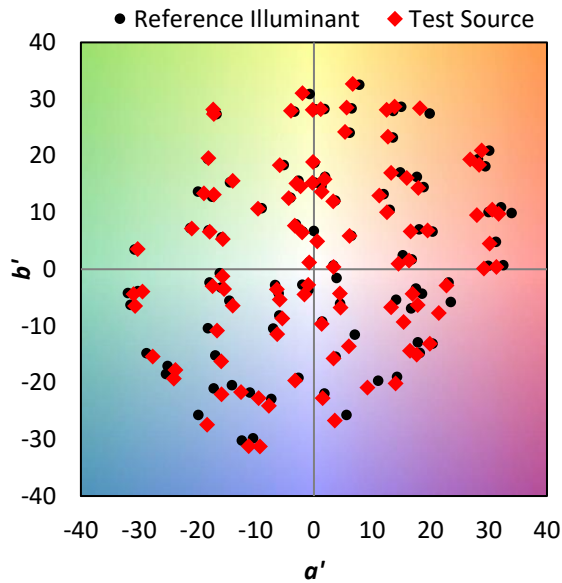
TM-30-18

Summary

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



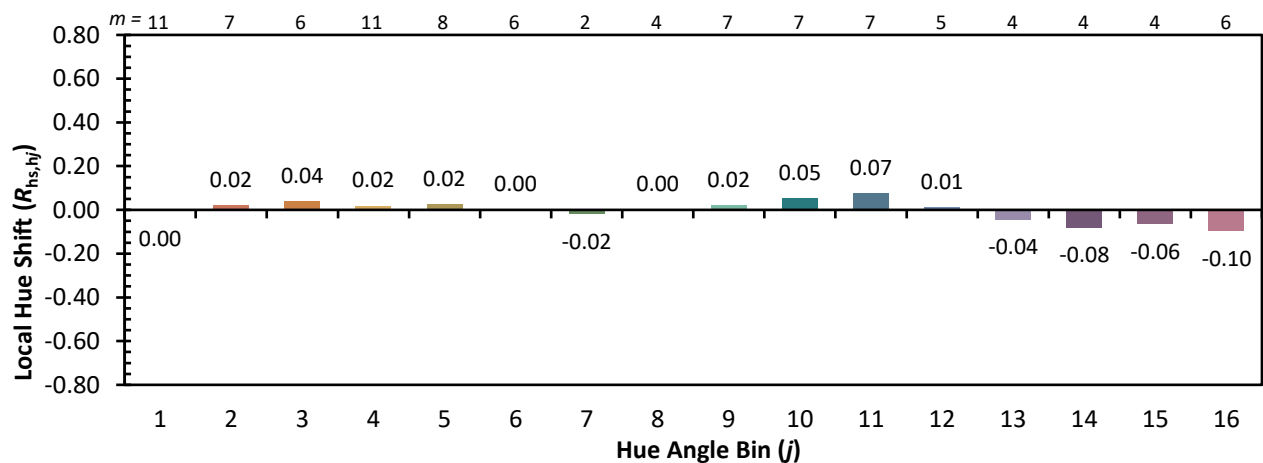
Color Vector Graphics



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)