

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: LUMARK

Report Number: P1067242

Luminaire Tested: **NAV-SA6B-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067242
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6B-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23961.3 lumens
Efficiency: N/A
Efficacy: 113.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 211
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

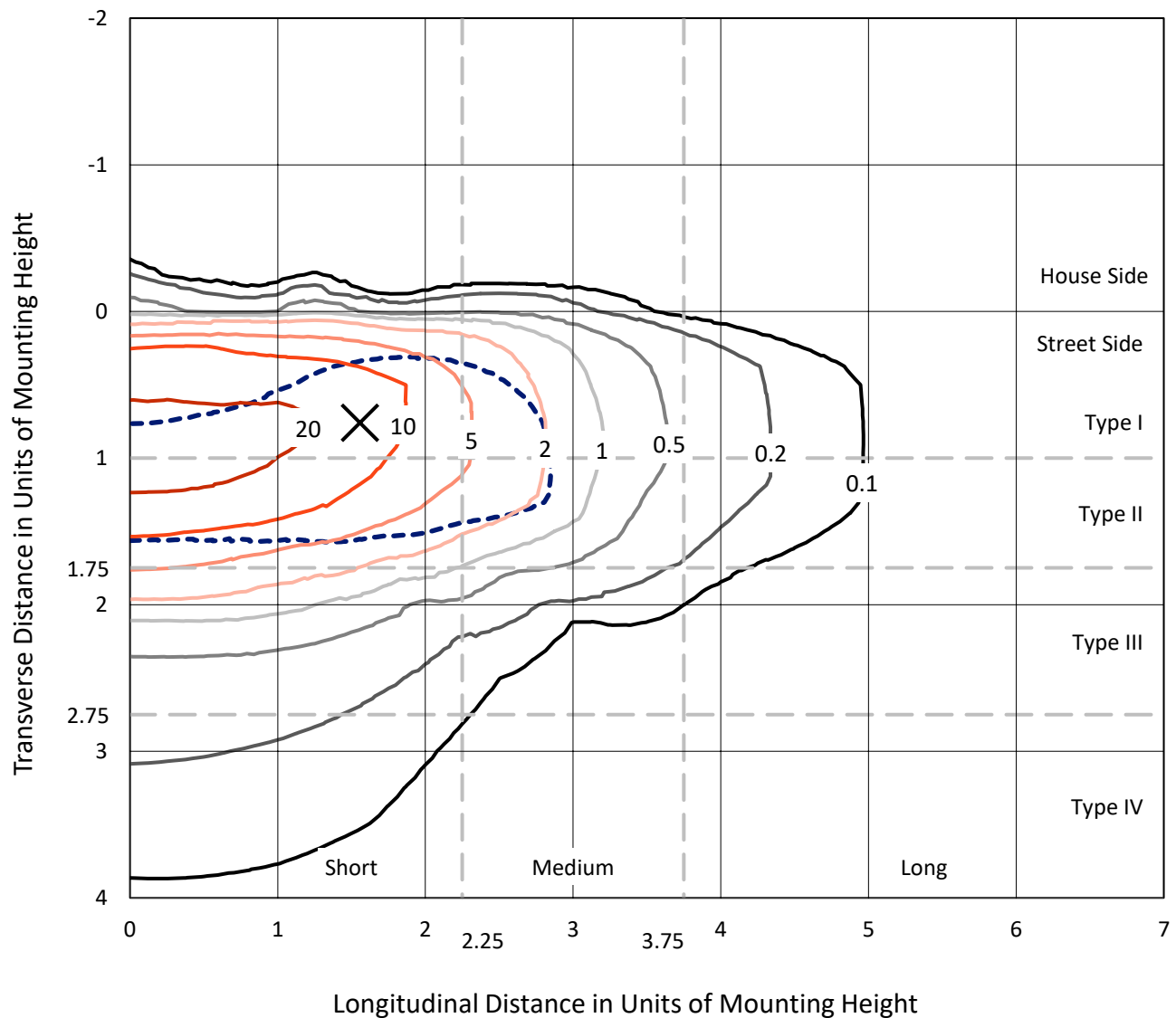


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

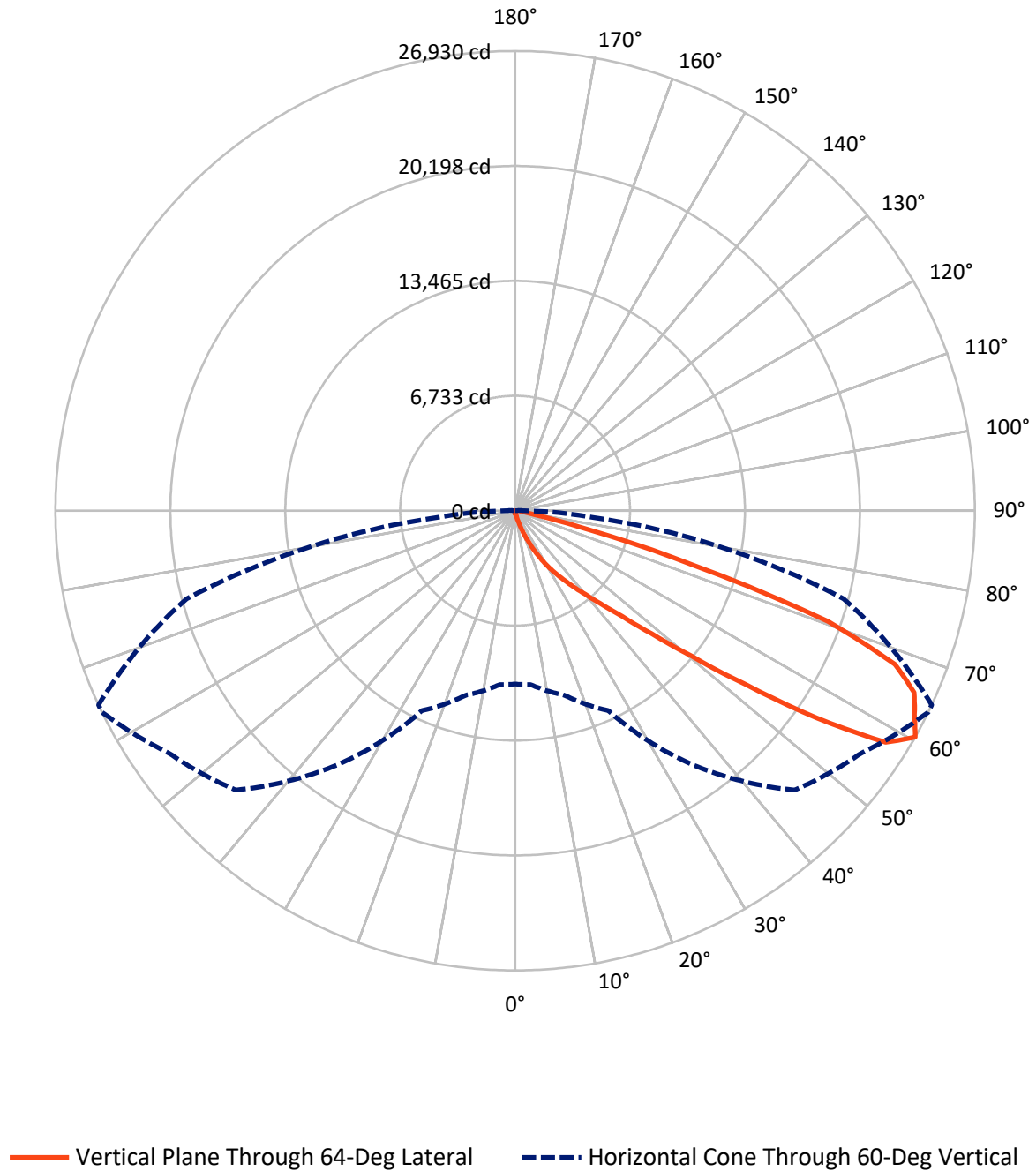


Based on 15 foot mounting height. Maximum calculated value = 34.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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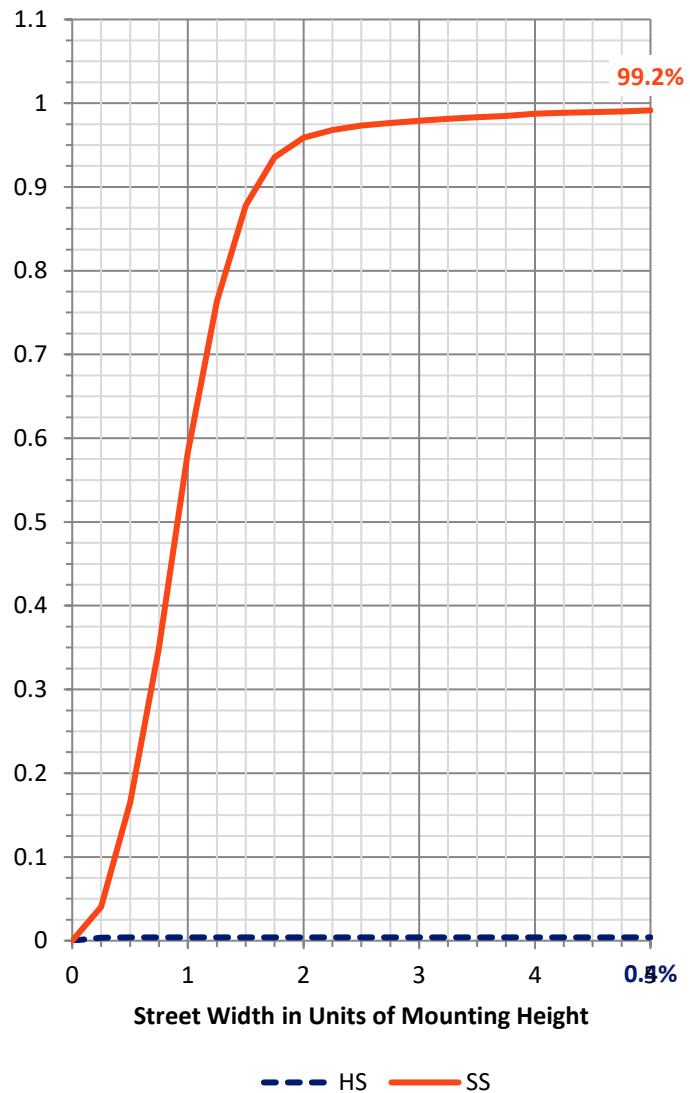
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	97.1	0.0	97.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23864.2	0.0	23864.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	23961.3	0.0	23961.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	0.1
10°-20°	235.5	1.0
20°-30°	782.0	3.3
30°-40°	2086.7	8.7
40°-50°	5303.9	22.1
50°-60°	7731.9	32.3
60°-70°	5972.2	24.9
70°-80°	1640.1	6.8
80°-90°	185.1	0.8
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°	23961.3	100.0
0°-180°	23961.3	100.0



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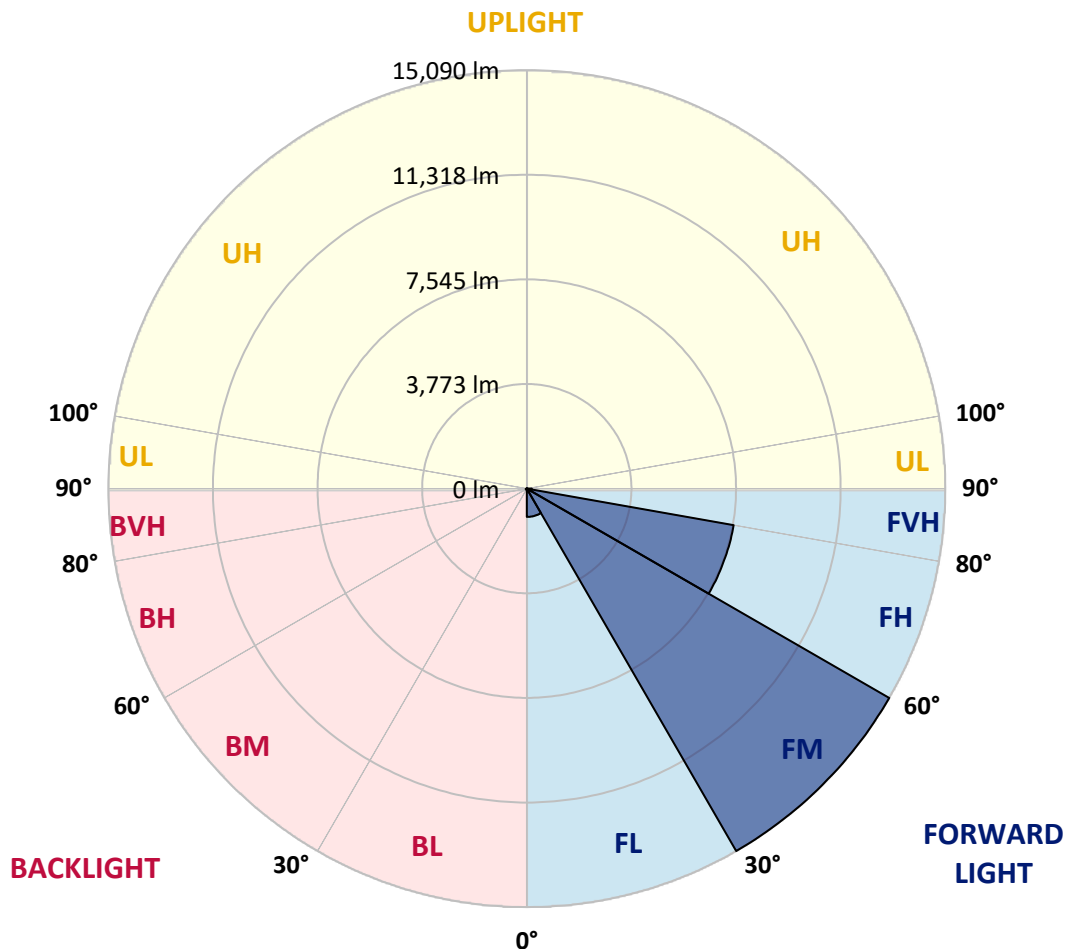
CATALOG NUMBER: NAV-SA6B-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1019.5	4.3			
FM	(30°-60°)	15090.4	63.0			
FH	(60°-80°)	7573.5	31.6			G4/12000
FVH	(80°-90°)	180.7	0.8			G2/225
BL	(0°-30°)	21.8	0.1	B0/110		
BM	(30°-60°)	32.2	0.1	B0/220		
BH	(60°-80°)	38.7	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	158.3	158.3	158.3	158.3	158.3	158.3	158.3	158.3	158.3	158.3	158.3
2.5°	211.1	211.1	211.1	204.5	197.9	197.9	191.3	184.7	184.7	171.5	164.9
5°	323.2	323.2	310.0	296.8	277.0	250.6	224.3	204.5	204.5	184.7	171.5
7.5°	633.2	653.0	593.6	521.1	422.1	356.2	283.6	237.4	230.8	197.9	171.5
10°	1371.9	1358.7	1266.4	1088.3	857.4	620.0	395.7	290.2	277.0	211.1	171.5
12.5°	2064.4	2084.2	1985.3	1787.4	1510.4	1101.5	679.4	376.0	362.8	230.8	171.5
15°	2658.1	2658.1	2592.1	2493.2	2189.8	1761.0	1094.9	560.6	514.5	250.6	164.9
17.5°	3067.0	3060.4	3034.0	3007.6	2829.5	2387.6	1675.3	897.0	791.5	296.8	164.9
20°	3528.7	3508.9	3541.9	3489.1	3350.6	3001.0	2288.7	1332.3	1233.4	376.0	164.9
22.5°	4010.2	4030.0	4056.3	4003.6	3851.9	3548.5	2935.1	1893.0	1787.4	521.1	171.5
25°	4623.6	4610.4	4669.7	4623.6	4432.3	4076.1	3541.9	2506.4	2354.7	725.5	184.7
27.5°	5375.5	5349.1	5388.7	5270.0	5019.3	4656.6	4082.7	3133.0	2954.9	1042.1	211.1
30°	6371.4	6391.2	6213.1	6074.6	5718.5	5237.0	4682.9	3805.7	3621.0	1418.1	237.4
32.5°	7941.2	7802.7	7525.7	6965.0	6496.7	5883.4	5283.1	4392.7	4227.8	1899.6	277.0
35°	10388.2	10414.6	9807.8	8422.7	7407.0	6694.6	5942.7	5039.1	4920.4	2447.0	329.8
37.5°	13369.5	13296.9	12762.7	11014.8	8739.3	7703.8	6694.6	5744.8	5573.4	3040.6	395.7
40°	16746.4	16443.0	16133.0	14945.8	11516.1	8970.1	7644.4	6562.7	6430.8	3726.6	501.3
42.5°	19450.7	19371.5	19424.3	18929.6	16146.2	11126.9	8904.2	7565.3	7407.0	4577.4	686.0
45°	20783.0	20670.9	20987.5	21356.8	20644.5	15717.5	10935.6	8844.8	8633.8	5579.9	969.6
47.5°	20426.8	20347.7	21027.0	21752.6	22702.3	21040.2	14253.3	10757.6	10394.8	6866.1	1391.7
50°	18672.4	18679.0	19793.7	21145.8	22649.6	23737.9	19167.1	13376.0	12920.9	8574.4	2051.3
52.5°	16964.1	17016.9	18197.5	20169.6	21864.7	24054.5	23480.6	16904.7	16166.0	10586.1	2829.5
55°	15209.6	15236.0	16278.2	19054.9	21495.3	23111.3	25696.8	21449.2	20664.3	13092.4	3588.1
57.5°	13521.2	13521.2	13910.3	16377.1	21093.0	23025.5	25433.0	25604.4	24964.7	15955.0	4148.7
60°	10157.4	10223.3	11192.9	12920.9	18190.9	23150.9	24760.2	26930.2	26930.2	19925.6	4577.4
62.5°	5131.4	5230.4	6437.4	8119.3	12479.0	21422.8	24865.7	26264.0	26369.5	23427.9	5553.6
65°	2407.4	2519.6	3165.9	4353.2	6714.4	15077.7	23770.8	25696.8	25663.8	22761.7	7611.4
67.5°	1728.1	1761.0	1978.7	2539.3	3614.4	6608.9	18144.7	24001.7	24014.9	19338.5	8752.5
70°	1550.0	1550.0	1602.8	1767.6	2176.6	2954.9	8818.4	19437.5	20380.7	14932.6	8112.7
72.5°	1530.2	1517.0	1503.8	1510.4	1470.8	1484.0	3027.4	10975.2	12320.7	10447.6	6470.4
75°	1490.6	1490.6	1477.4	1431.3	1174.0	956.4	1042.1	4438.9	5131.4	6978.2	4801.7
77.5°	1180.6	1299.3	1437.9	1352.1	1075.1	718.9	606.8	1286.2	1622.5	4280.6	3482.5
80°	547.4	554.0	547.4	573.8	686.0	514.5	448.5	626.6	633.2	2374.4	2156.8
82.5°	395.7	402.3	382.5	343.0	303.4	277.0	369.4	461.7	494.7	1088.3	804.7
85°	118.7	112.1	131.9	178.1	211.1	244.0	310.0	389.1	408.9	402.3	118.7
87.5°	52.8	52.8	66.0	92.3	125.3	184.7	270.4	356.2	362.8	415.5	33.0
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: NAV-SA6B-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	158.3	158.3	158.3	158.3	158.3	158.3	158.3	158.3	158.3	158.3	158.3
2.5°	164.9	158.3	151.7	145.1	138.5	131.9	125.3	125.3	131.9	131.9	131.9
5°	158.3	151.7	138.5	125.3	118.7	112.1	105.5	105.5	112.1	112.1	112.1
7.5°	158.3	145.1	131.9	118.7	105.5	98.9	92.3	92.3	92.3	98.9	98.9
10°	158.3	145.1	125.3	105.5	92.3	85.7	79.1	72.6	79.1	79.1	79.1
12.5°	151.7	138.5	118.7	98.9	79.1	66.0	59.4	59.4	59.4	59.4	59.4
15°	145.1	131.9	112.1	85.7	66.0	52.8	39.6	39.6	39.6	46.2	46.2
17.5°	138.5	125.3	98.9	66.0	46.2	33.0	26.4	26.4	26.4	33.0	33.0
20°	138.5	118.7	85.7	52.8	33.0	19.8	13.2	13.2	13.2	19.8	26.4
22.5°	138.5	118.7	79.1	39.6	19.8	13.2	6.6	6.6	6.6	6.6	6.6
25°	138.5	112.1	72.6	33.0	13.2	6.6	0.0	0.0	6.6	13.2	19.8
27.5°	138.5	105.5	59.4	19.8	13.2	6.6	0.0	6.6	13.2	13.2	13.2
30°	138.5	105.5	52.8	19.8	6.6	0.0	0.0	6.6	13.2	13.2	19.8
32.5°	145.1	98.9	46.2	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	151.7	92.3	39.6	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	164.9	92.3	26.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	184.7	98.9	26.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	230.8	105.5	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	323.2	131.9	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	474.9	197.9	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	692.5	270.4	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	850.8	270.4	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	844.2	171.5	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	646.4	118.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	547.4	85.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	659.6	66.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1174.0	59.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1886.4	59.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2110.6	59.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1648.9	52.8	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	903.6	46.2	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	455.1	33.0	13.2	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	191.3	26.4	13.2	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0
82.5°	66.0	26.4	13.2	13.2	6.6	6.6	0.0	0.0	0.0	0.0	0.0
85°	33.0	19.8	19.8	13.2	13.2	6.6	6.6	0.0	0.0	0.0	0.0
87.5°	19.8	19.8	19.8	13.2	13.2	6.6	6.6	0.0	0.0	0.0	6.6
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

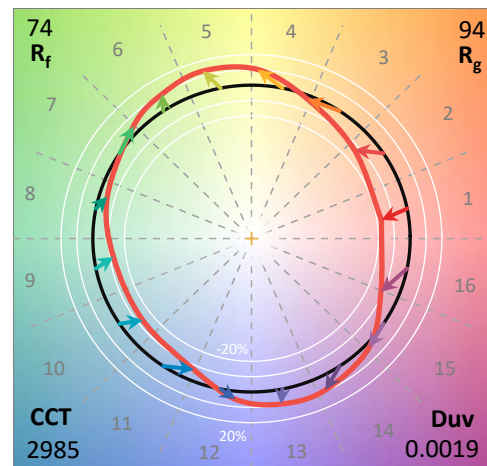
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

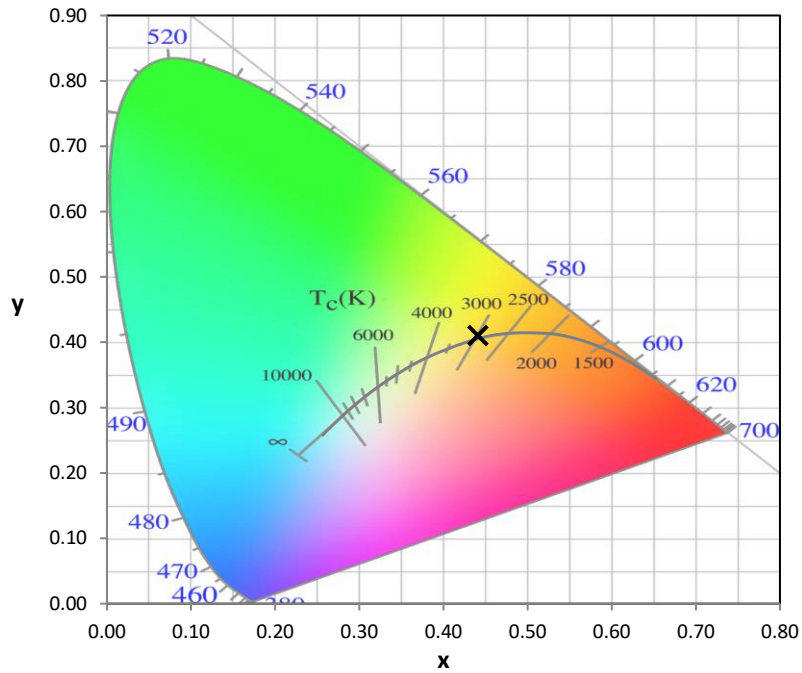
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

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



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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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



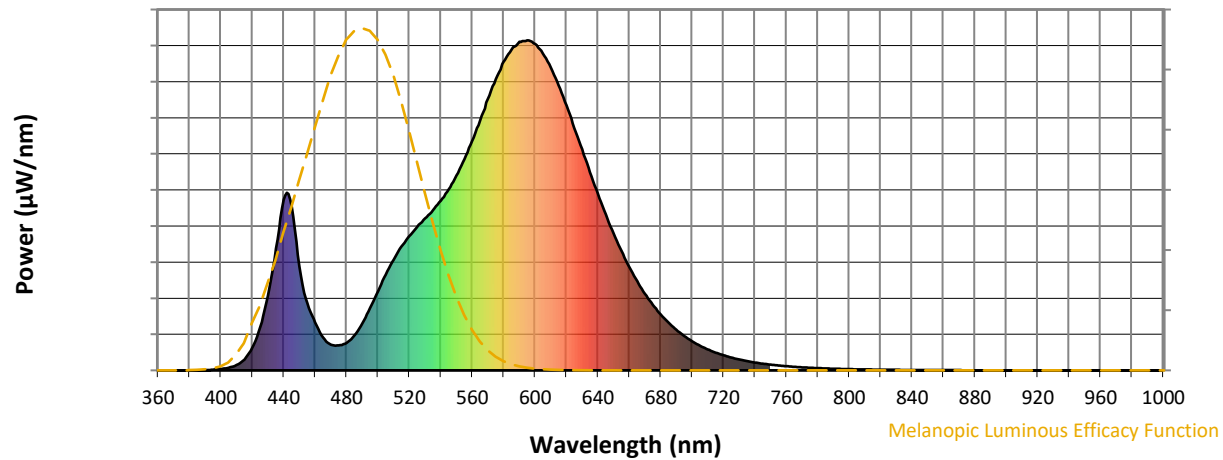
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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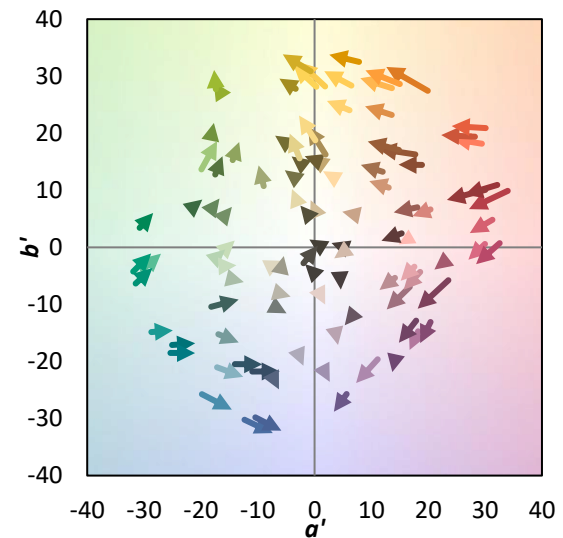
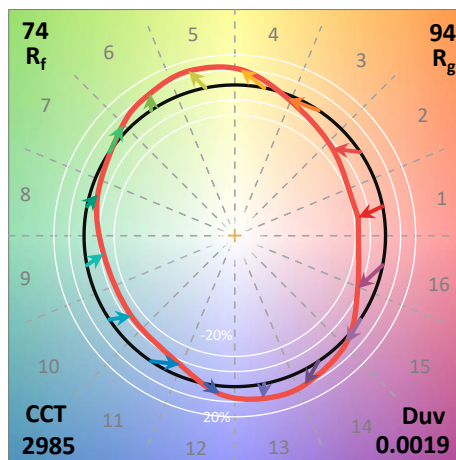
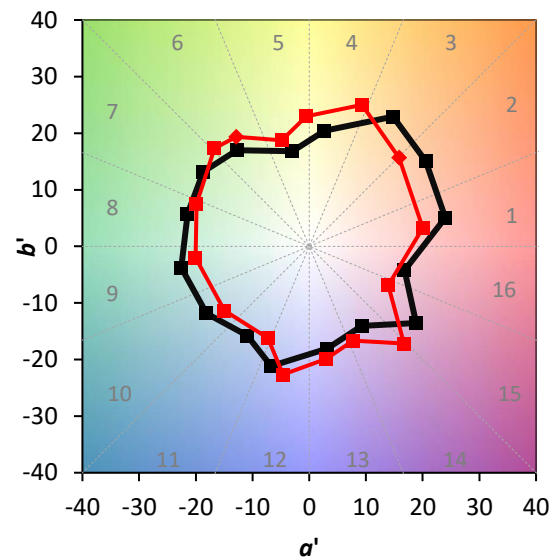
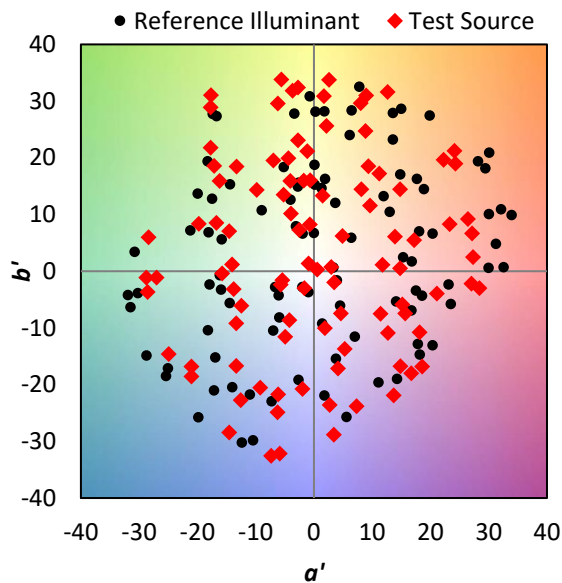
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics



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

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)