

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: P1067025

Luminaire Tested: **NAV-SA6A-735-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067025
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-735-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20753.9 lumens
Efficiency: N/A
Efficacy: 128.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 161.6
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

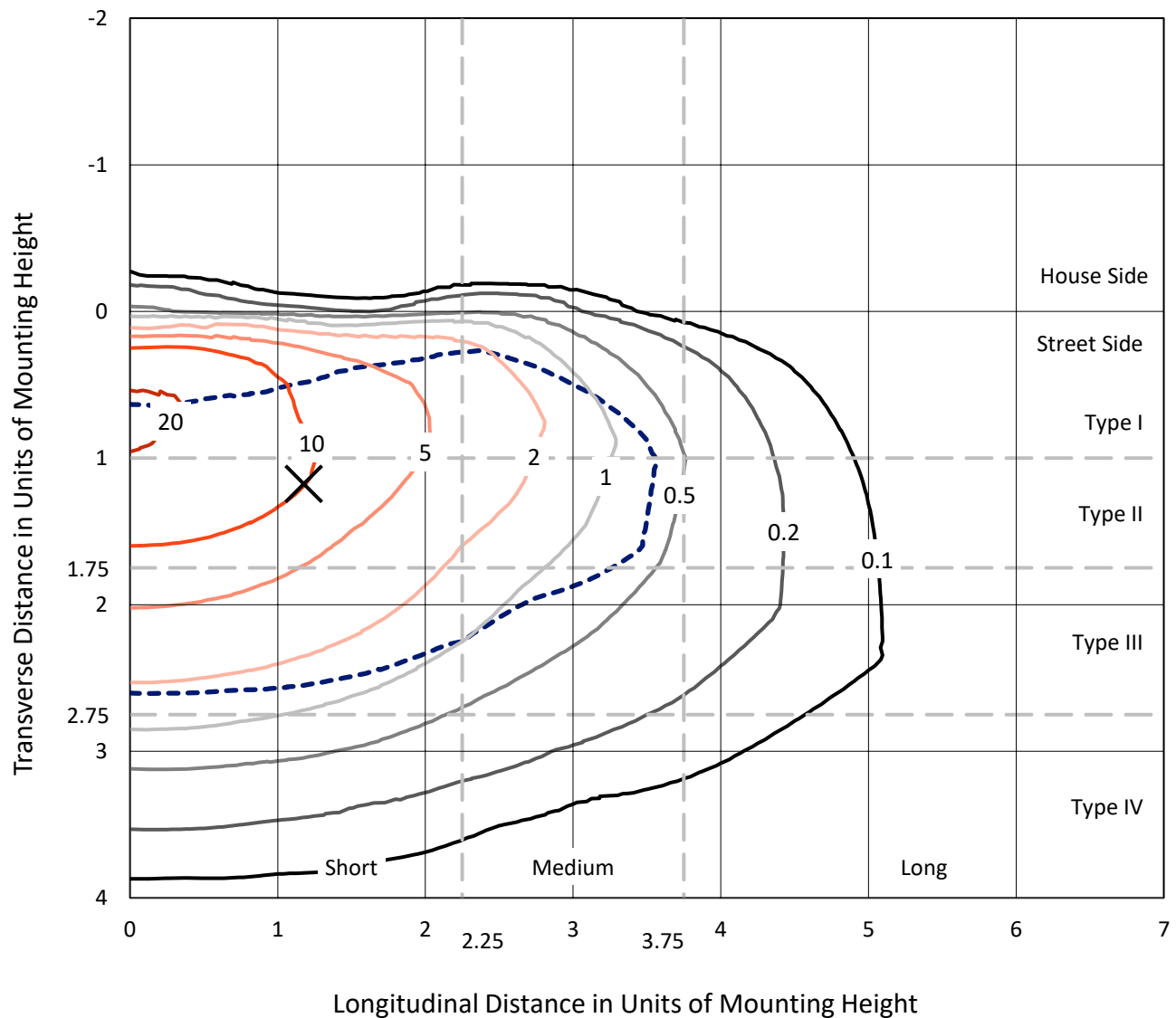


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

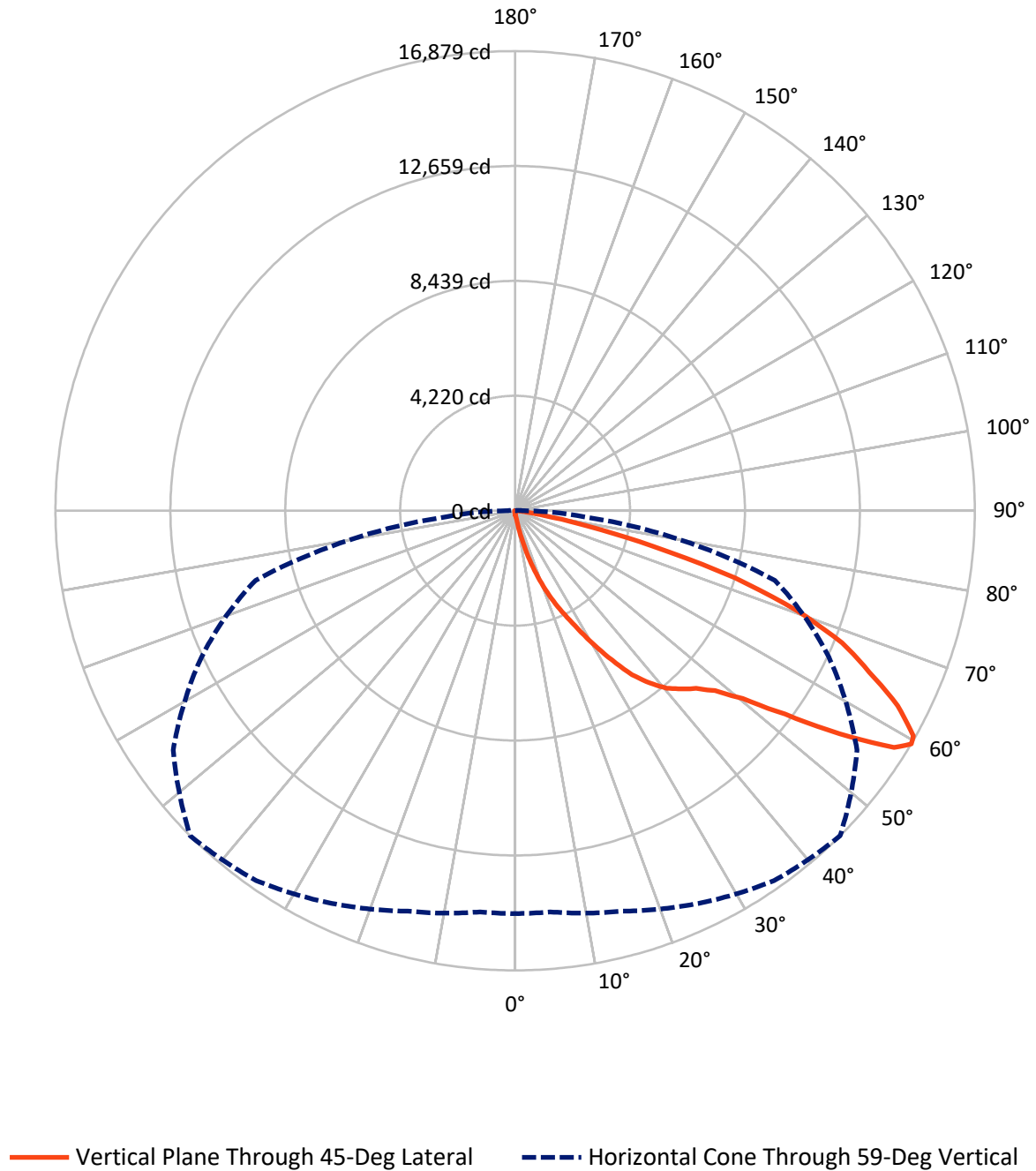


Based on 15 foot mounting height. Maximum calculated value = 22.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA6A-735-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	73.7	0.0	73.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20680.2	0.0	20680.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	20753.9	0.0	20753.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	0.1
10°-20°	229.4	1.1
20°-30°	824.2	4.0
30°-40°	1915.3	9.2
40°-50°	3264.5	15.7
50°-60°	5379.0	25.9
60°-70°	6219.3	30.0
70°-80°	2672.0	12.9
80°-90°	230.9	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°	20753.9	100.0
0°-180°	20753.9	100.0



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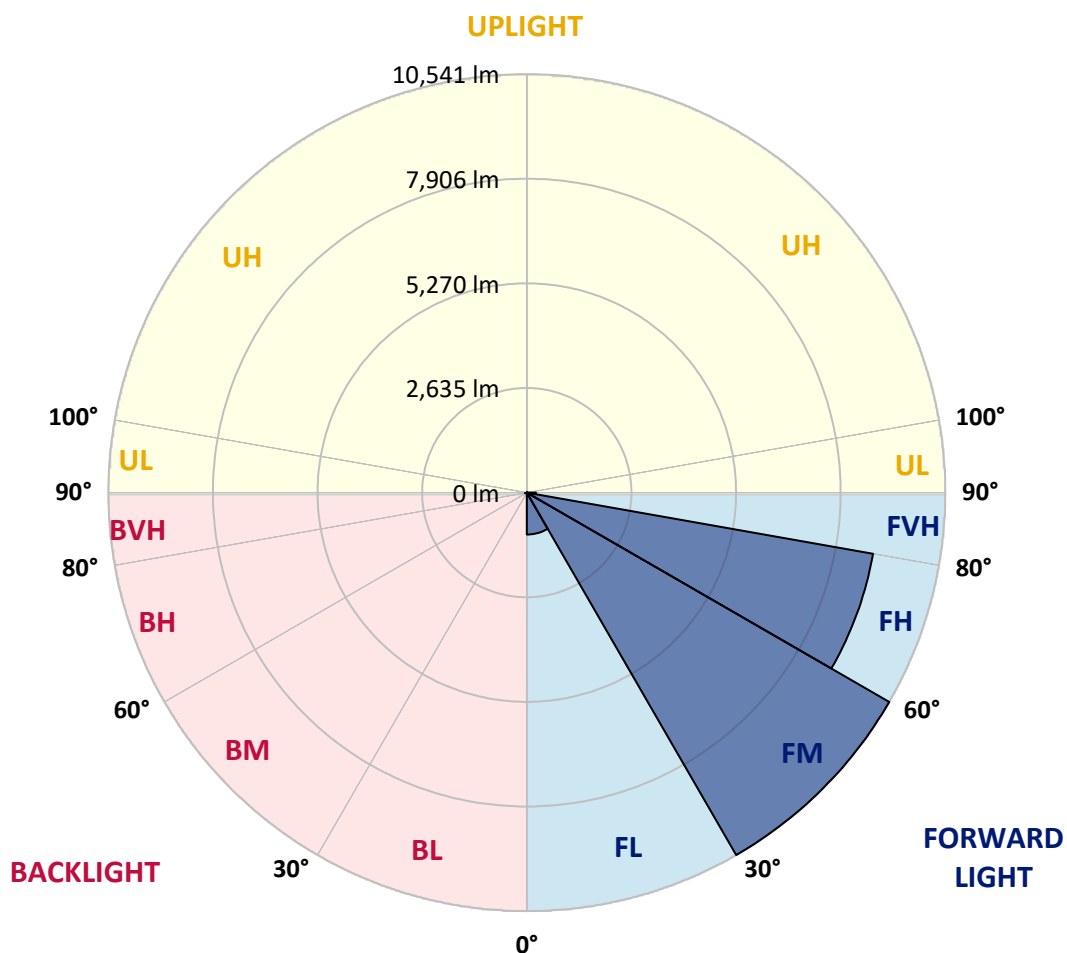
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1054.7	5.1			
FM	(30°-60°)	10541.0	50.8			
FH	(60°-80°)	8856.7	42.7			G4/12000
FVH	(80°-90°)	227.9	1.1			G3/500
BL	(0°-30°)	18.2	0.1	B0/110		
BM	(30°-60°)	17.8	0.1	B0/220		
BH	(60°-80°)	34.7	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	131.2	131.2	131.2	131.2	131.2	131.2	131.2	131.2	131.2	131.2	131.2
2.5°	170.3	170.3	166.1	160.5	159.1	154.9	154.9	150.7	145.1	140.9	135.4
5°	247.0	245.6	234.4	220.5	202.3	191.2	191.2	175.8	161.9	149.3	138.2
7.5°	540.1	527.5	487.0	420.0	332.1	273.5	269.3	219.1	185.6	160.5	139.6
10°	1239.2	1195.9	1138.7	978.2	722.9	505.2	495.4	319.6	221.9	173.0	142.3
12.5°	2030.5	2065.3	1950.9	1698.3	1399.7	1041.0	971.3	538.7	293.1	189.8	145.1
15°	2750.5	2742.2	2678.0	2471.4	2126.7	1649.5	1606.2	936.4	420.0	216.3	147.9
17.5°	3289.2	3279.4	3218.0	3085.5	2820.3	2343.0	2305.4	1493.2	658.7	254.0	150.7
20°	3857.2	3844.6	3758.1	3652.0	3420.4	3014.3	2969.6	2115.6	1031.3	315.4	150.7
22.5°	4538.2	4514.4	4422.3	4242.3	3998.1	3645.0	3604.6	2751.9	1493.2	415.9	157.7
25°	5361.5	5321.0	5194.1	5032.2	4737.7	4268.8	4225.6	3460.8	2050.0	568.0	164.7
27.5°	6300.7	6307.7	6136.0	5862.5	5467.6	4988.9	4908.0	4095.8	2626.3	785.7	173.0
30°	7415.7	7345.9	7104.5	6786.3	6402.6	5792.7	5714.6	4728.0	3273.8	1106.6	187.0
32.5°	8459.5	8384.2	8059.0	7658.5	7246.8	6603.5	6539.3	5438.3	3862.7	1486.2	212.1
35°	9355.4	9302.4	8847.5	8359.0	7993.4	7418.5	7398.9	6230.9	4554.9	1895.1	240.0
37.5°	10143.9	10047.6	9462.9	8956.3	8585.1	8070.2	8028.3	6956.6	5222.0	2369.6	281.9
40°	10816.5	10763.5	10050.4	9384.7	9083.3	8622.8	8569.8	7592.9	5911.3	2920.8	333.5
42.5°	11536.6	11466.8	10774.7	10028.1	9472.7	8980.0	8945.2	8117.6	6525.4	3526.4	410.3
45°	12350.2	12220.4	11613.4	10943.5	10099.2	9349.9	9310.8	8585.1	7154.7	4176.7	503.8
47.5°	13219.6	13106.5	12615.3	12145.0	11173.8	9959.7	9876.0	8982.8	7779.9	4927.5	622.4
50°	14104.3	14107.1	13738.7	13512.6	12486.9	10950.5	10831.9	9567.5	8437.2	5731.3	798.2
52.5°	15134.2	15160.7	15155.1	14987.7	14192.2	12570.7	12411.6	10455.1	9200.5	6669.1	1041.0
55°	15565.4	15612.9	15921.3	16292.5	16076.2	14624.8	14454.6	11986.0	10212.3	7714.3	1401.1
57.5°	15212.3	15265.4	15691.0	16341.3	16838.1	16423.6	16404.1	13978.7	11545.0	8981.4	1990.0
59°	14792.3	14785.3	15222.1	15911.5	16581.3	16850.7	16878.6	15326.8	12706.0	9870.4	2497.9
60°	14513.2	14518.8	14809.0	15516.6	16228.3	16695.8	16804.6	16120.8	13384.2	10509.5	2933.3
62.5°	13435.9	13500.1	13730.3	14387.6	15063.0	15584.9	15770.5	16828.3	15325.4	12019.4	4447.5
65°	12265.1	12269.2	12597.2	13159.6	13807.1	14174.1	14291.3	15727.3	16621.8	13557.3	6433.3
67.5°	10176.0	10261.1	10633.7	11545.0	12400.4	12865.1	12954.4	13689.9	16084.5	14559.3	7428.2
70°	7121.2	7232.9	7764.6	8946.6	10220.6	10984.0	10978.4	11380.3	14156.0	14112.7	6297.9
72.5°	3555.7	3748.3	4182.3	5448.0	6991.5	8190.2	8442.8	9154.5	11371.9	11722.2	4698.6
75°	1571.3	1582.5	1829.5	2467.2	3474.8	4997.3	5223.4	7266.4	8724.7	8146.9	3393.9
77.5°	914.1	922.4	967.1	1108.0	1408.1	2449.1	2703.1	4765.6	6165.3	4734.9	2213.3
80°	332.1	340.5	339.1	420.0	616.8	964.3	1074.5	2309.6	4112.5	2493.8	1159.7
82.5°	203.7	203.7	196.8	198.2	224.7	369.8	404.7	983.8	2002.5	1228.0	332.1
85°	100.5	106.1	113.0	127.0	150.7	182.8	194.0	281.9	674.0	297.2	79.5
87.5°	60.0	61.4	67.0	80.9	100.5	131.2	139.6	191.2	241.4	199.6	19.5
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	131.2	131.2	131.2	131.2	131.2	131.2	131.2	131.2	131.2	131.2	131.2
2.5°	132.6	131.2	124.2	118.6	113.0	107.5	103.3	99.1	99.1	100.5	99.1
5°	132.6	127.0	115.8	106.1	97.7	90.7	83.7	78.1	76.8	76.8	78.1
7.5°	131.2	124.2	108.8	96.3	85.1	75.4	68.4	61.4	60.0	61.4	60.0
10°	129.8	121.4	103.3	87.9	72.6	62.8	53.0	46.1	46.1	46.1	47.4
12.5°	129.8	117.2	97.7	79.5	62.8	51.6	41.9	34.9	33.5	33.5	33.5
15°	128.4	114.4	92.1	69.8	53.0	39.1	30.7	23.7	23.7	23.7	23.7
17.5°	125.6	110.2	85.1	61.4	41.9	29.3	20.9	14.0	14.0	16.7	16.7
20°	122.8	106.1	76.8	50.2	34.9	22.3	14.0	8.4	8.4	12.6	14.0
22.5°	124.2	106.1	71.2	44.7	27.9	16.7	11.2	7.0	5.6	9.8	12.6
25°	125.6	103.3	64.2	39.1	20.9	12.6	8.4	2.8	1.4	2.8	4.2
27.5°	125.6	100.5	55.8	30.7	15.4	9.8	4.2	0.0	0.0	0.0	0.0
30°	124.2	96.3	48.8	25.1	11.2	5.6	1.4	0.0	0.0	0.0	0.0
32.5°	122.8	92.1	44.7	19.5	9.8	2.8	0.0	0.0	0.0	0.0	0.0
35°	124.2	86.5	39.1	15.4	5.6	0.0	0.0	0.0	0.0	0.0	2.8
37.5°	128.4	80.9	33.5	12.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	134.0	76.8	27.9	9.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	145.1	76.8	25.1	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	159.1	76.8	20.9	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	177.2	78.1	18.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	199.6	80.9	16.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	216.3	78.1	15.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	245.6	75.4	14.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	284.7	71.2	14.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	323.8	65.6	14.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	368.4	62.8	12.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	608.4	55.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1175.0	53.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1899.3	53.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1997.0	53.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1328.5	43.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	711.7	39.1	4.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	383.8	36.3	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	168.9	26.5	7.0	4.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	67.0	18.1	8.4	7.0	5.6	2.8	0.0	0.0	0.0	0.0	0.0
85°	32.1	14.0	11.2	9.8	7.0	4.2	0.0	0.0	0.0	0.0	0.0
87.5°	15.4	14.0	12.6	11.2	9.8	7.0	1.4	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

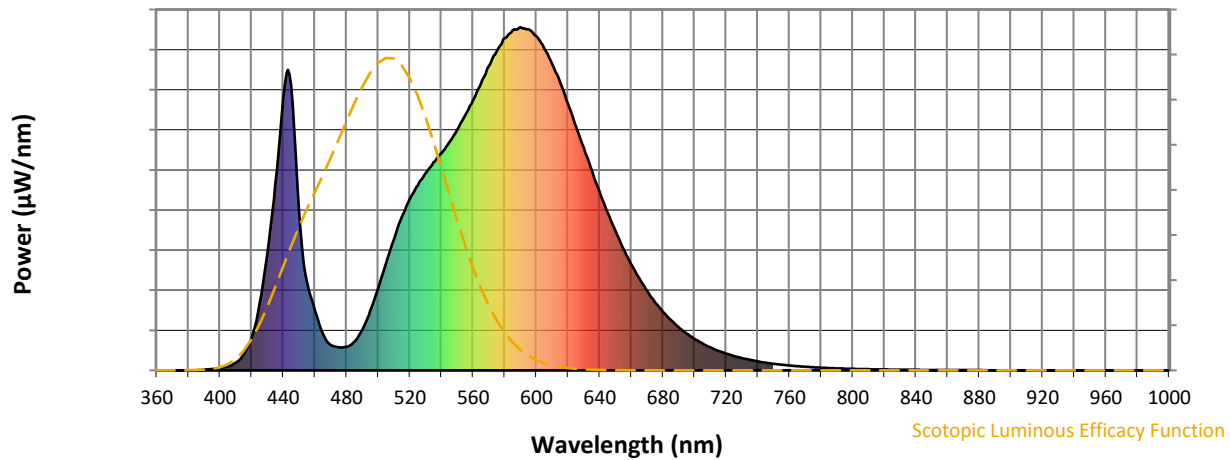


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



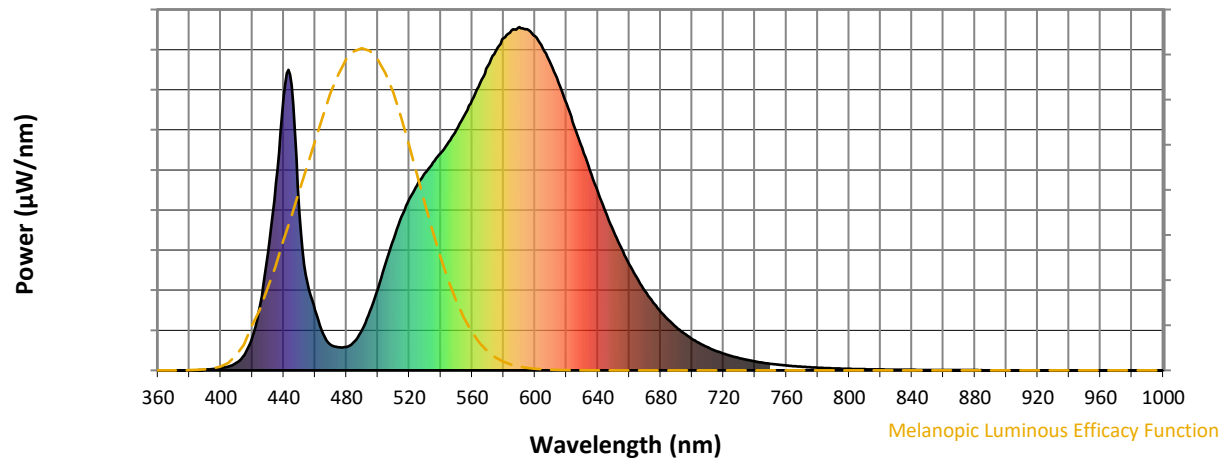
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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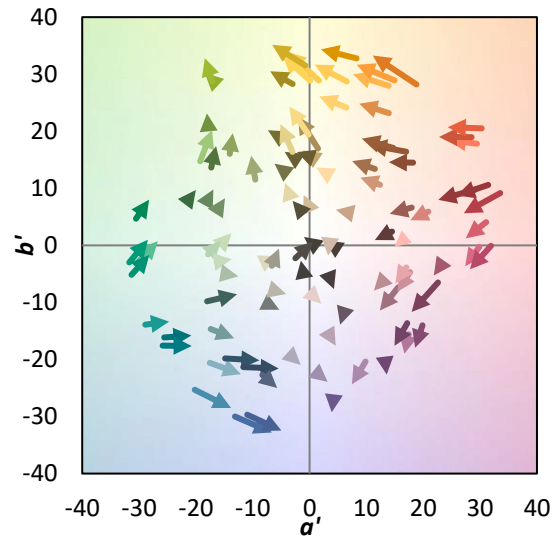
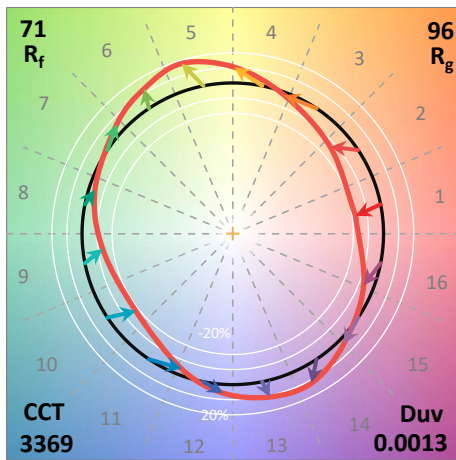
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$



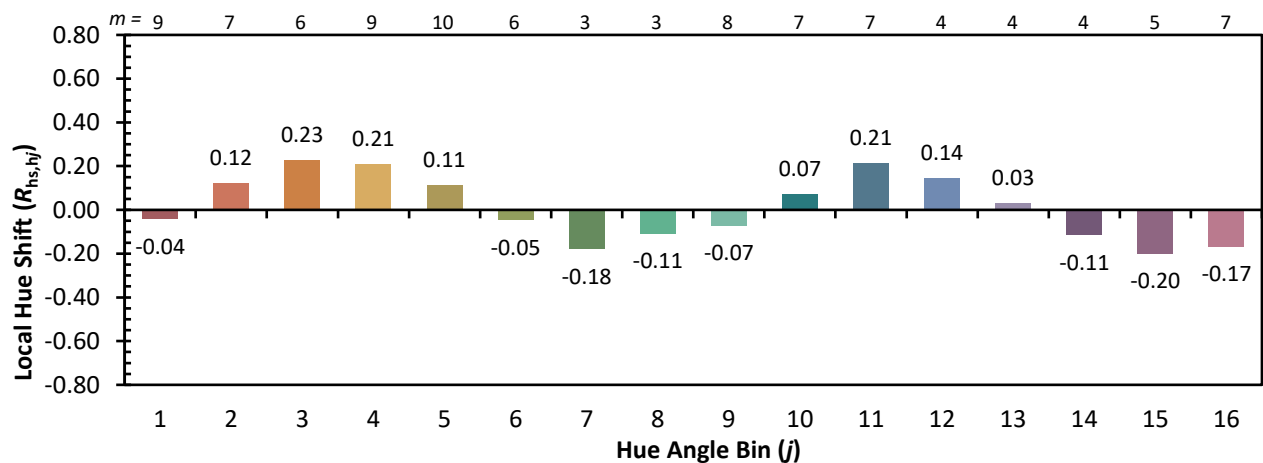
Color Vector Graphics



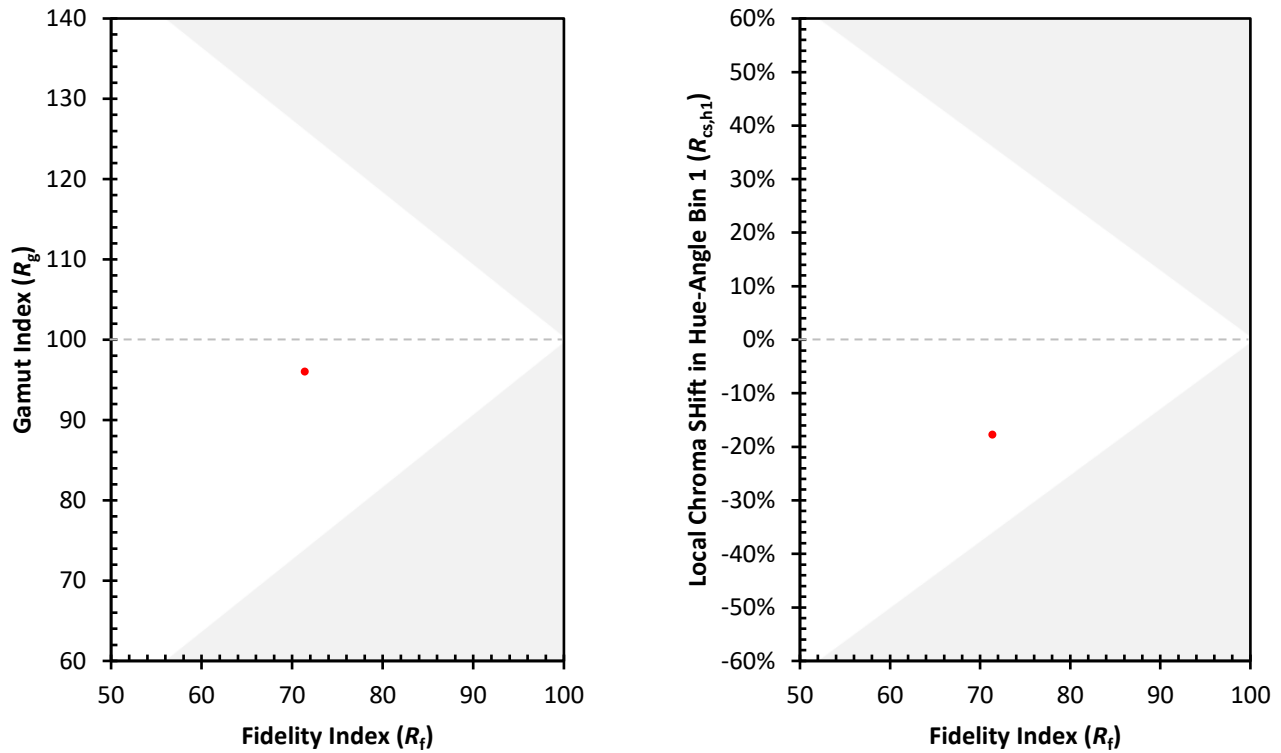
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)