

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: P1067255

Luminaire Tested: **NAV-SA3C-735-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067255
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3C-735-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15181.9 lumens
Efficiency: N/A
Efficacy: 108.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 140.4
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



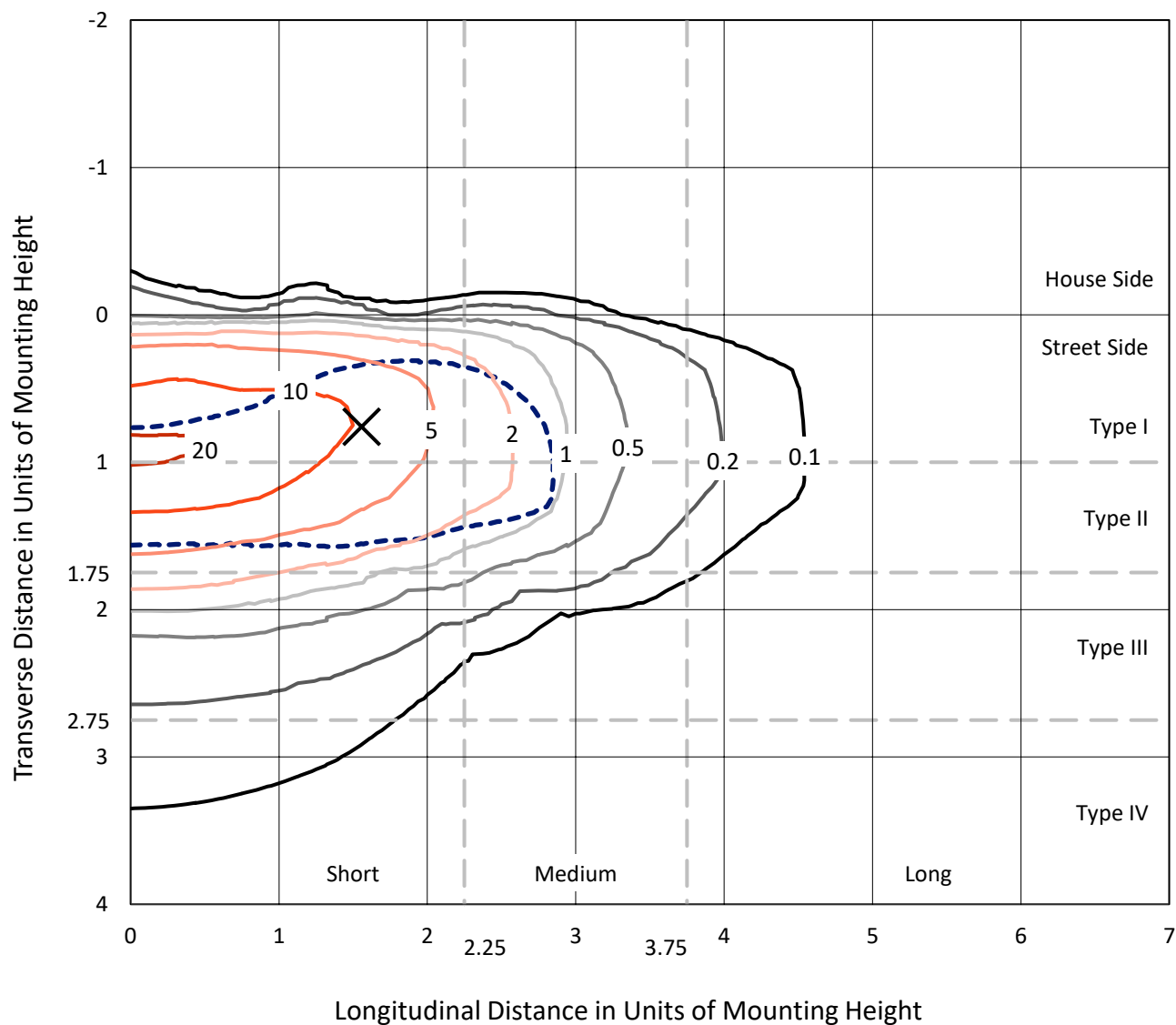
REPORT NUMBER: P1067255

CATALOG NUMBER: NAV-SA3C-735-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

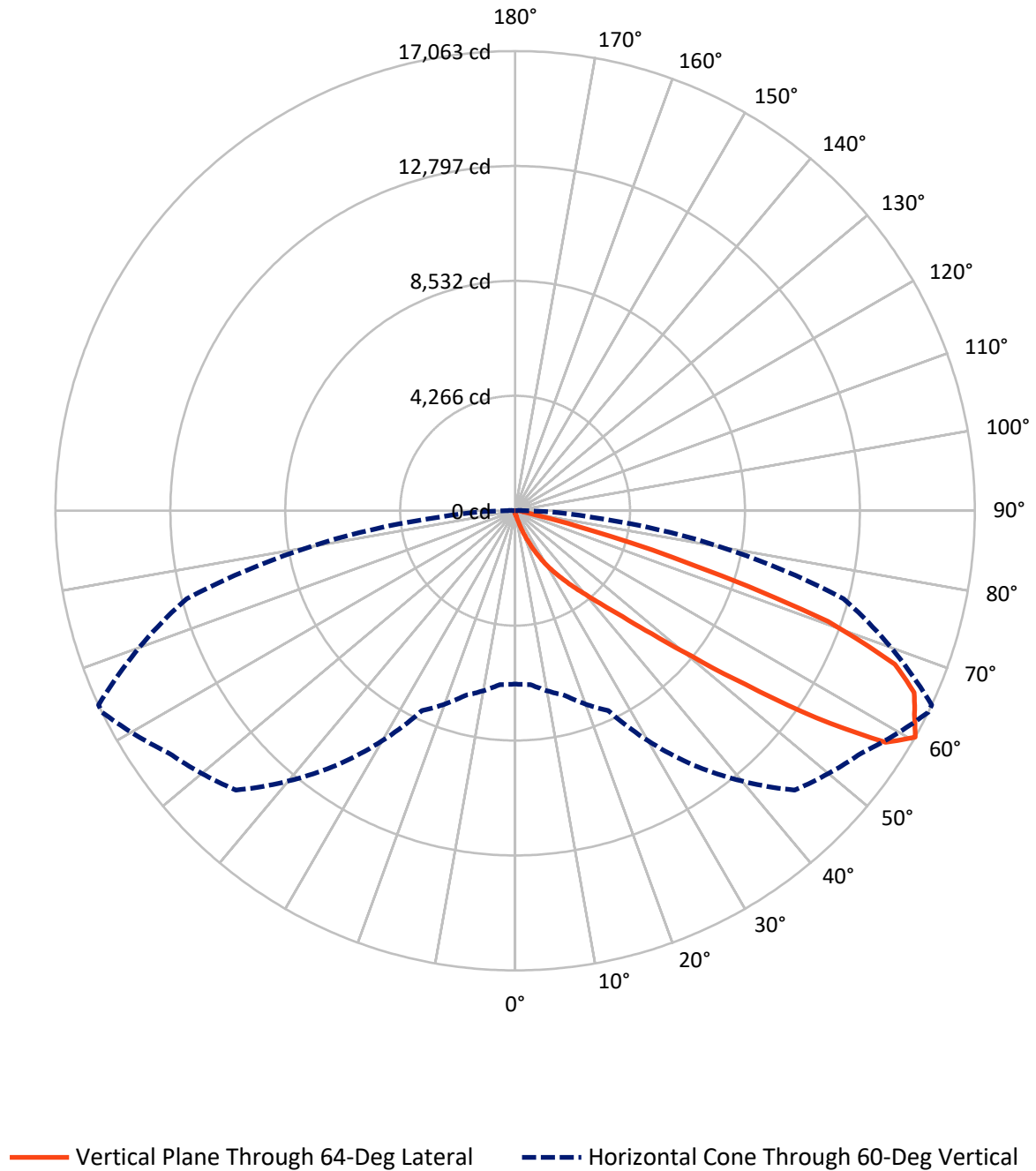


Based on 15 foot mounting height. Maximum calculated value = 21.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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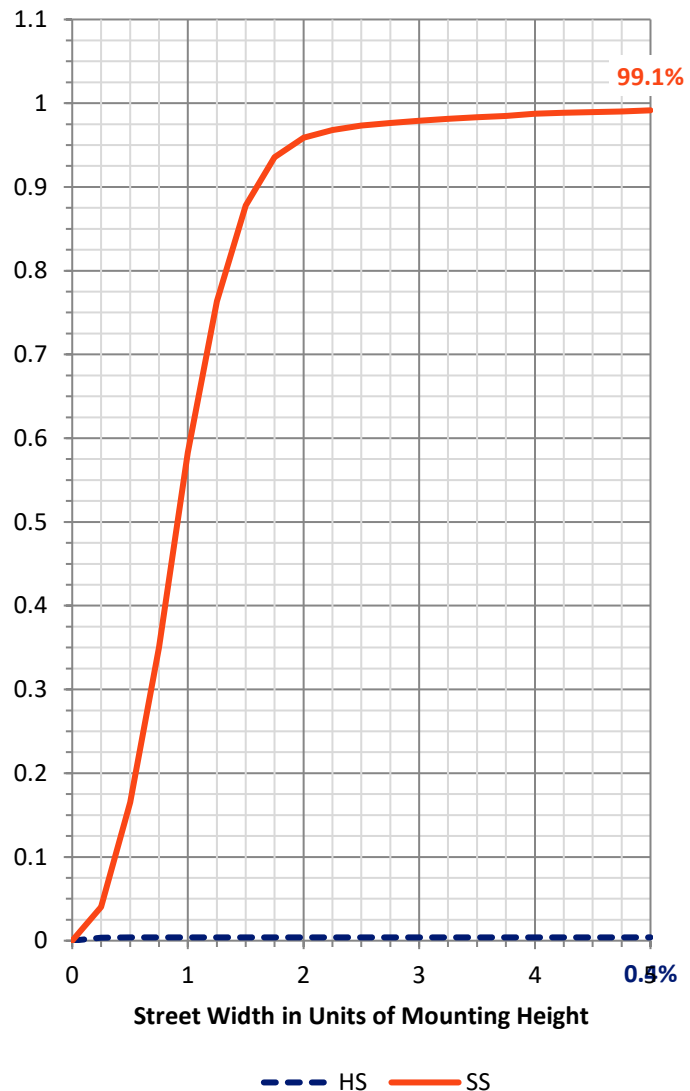
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	61.6	0.0	61.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15120.4	0.0	15120.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	15181.9	0.0	15181.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.1	0.1
10°-20°	149.2	1.0
20°-30°	495.5	3.3
30°-40°	1322.1	8.7
40°-50°	3360.6	22.1
50°-60°	4899.0	32.3
60°-70°	3784.0	24.9
70°-80°	1039.1	6.8
80°-90°	117.3	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°	15181.9	100.0
0°-180°	15181.9	100.0



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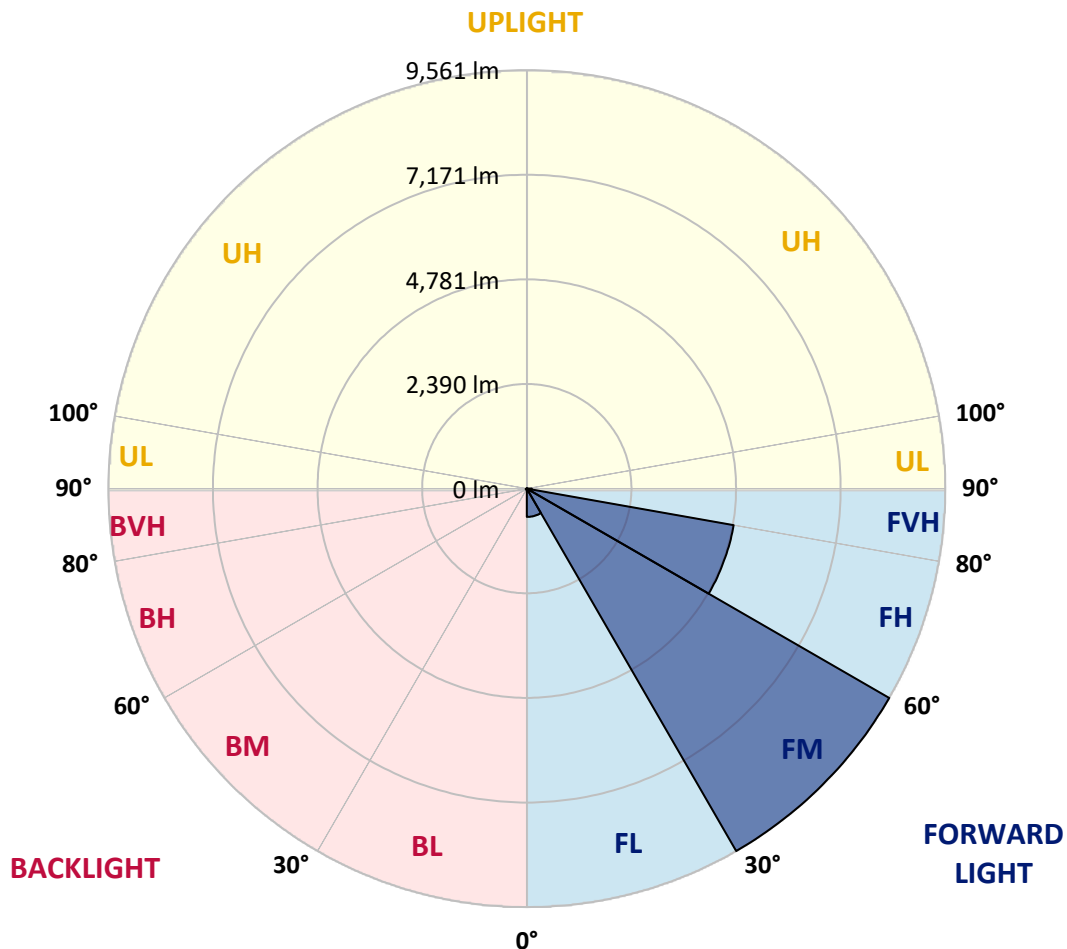
CATALOG NUMBER: NAV-SA3C-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	646.0	4.3			
FM	(30°-60°)	9561.3	63.0			
FH	(60°-80°)	4798.6	31.6			G2/5000
FVH	(80°-90°)	114.5	0.8			G2/225
BL	(0°-30°)	13.8	0.1	B0/110		
BM	(30°-60°)	20.4	0.1	B0/220		
BH	(60°-80°)	24.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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-G2

Type II Short



REPORT NUMBER: P1067255

CATALOG NUMBER: NAV-SA3C-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3
2.5°	133.7	133.7	133.7	129.6	125.4	125.4	121.2	117.0	117.0	108.7	104.5
5°	204.8	204.8	196.4	188.1	175.5	158.8	142.1	129.6	129.6	117.0	108.7
7.5°	401.2	413.7	376.1	330.1	267.5	225.7	179.7	150.4	146.3	125.4	108.7
10°	869.2	860.9	802.4	689.5	543.3	392.8	250.7	183.9	175.5	133.7	108.7
12.5°	1308.0	1320.6	1257.9	1132.5	957.0	697.9	430.4	238.2	229.8	146.3	108.7
15°	1684.2	1684.2	1642.4	1579.7	1387.4	1115.8	693.7	355.2	326.0	158.8	104.5
17.5°	1943.3	1939.1	1922.4	1905.6	1792.8	1512.8	1061.5	568.3	501.5	188.1	104.5
20°	2235.8	2223.2	2244.1	2210.7	2123.0	1901.5	1450.1	844.2	781.5	238.2	104.5
22.5°	2540.9	2553.4	2570.1	2536.7	2440.6	2248.3	1859.7	1199.4	1132.5	330.1	108.7
25°	2929.5	2921.1	2958.8	2929.5	2808.3	2582.6	2244.1	1588.0	1491.9	459.7	117.0
27.5°	3405.9	3389.2	3414.3	3339.1	3180.2	2950.4	2586.8	1985.0	1872.2	660.3	133.7
30°	4037.0	4049.5	3936.7	3848.9	3623.2	3318.2	2967.1	2411.3	2294.3	898.5	150.4
32.5°	5031.6	4943.8	4768.3	4413.1	4116.4	3727.7	3347.4	2783.2	2678.8	1203.6	175.5
35°	6582.0	6598.7	6214.2	5336.6	4693.1	4241.7	3765.3	3192.8	3117.6	1550.4	209.0
37.5°	8470.9	8424.9	8086.4	6979.0	5537.2	4881.1	4241.7	3639.9	3531.3	1926.5	250.7
40°	10610.6	10418.3	10221.9	9469.7	7296.6	5683.5	4843.5	4158.1	4074.6	2361.2	317.6
42.5°	12324.0	12273.8	12307.3	11993.8	10230.3	7050.0	5641.7	4793.4	4693.1	2900.3	434.6
45°	13168.2	13097.1	13297.7	13531.7	13080.4	9958.7	6928.8	5604.1	5470.4	3535.5	614.3
47.5°	12942.5	12892.3	13322.8	13782.5	14384.3	13331.1	9030.9	6816.0	6586.2	4350.4	881.8
50°	11830.9	11835.0	12541.3	13398.0	14350.8	15040.4	12144.3	8475.1	8186.7	5432.8	1299.7
52.5°	10748.5	10781.9	11530.0	12779.5	13853.5	15241.0	14877.4	10710.9	10242.8	6707.4	1792.8
55°	9636.9	9653.6	10313.9	12073.2	13619.5	14643.4	16281.5	13590.2	13092.9	8295.4	2273.4
57.5°	8567.0	8567.0	8813.6	10376.6	13364.6	14589.0	16114.4	16223.0	15817.7	10109.1	2628.6
60°	6435.7	6477.5	7091.8	8186.7	11525.8	14668.4	15688.1	17063.0	17063.0	12624.9	2900.3
62.5°	3251.3	3314.0	4078.7	5144.4	7906.7	13573.5	15755.0	16640.9	16707.8	14843.9	3518.8
65°	1525.3	1596.4	2005.9	2758.2	4254.3	9553.3	15061.3	16281.5	16260.6	14421.9	4822.6
67.5°	1094.9	1115.8	1253.7	1608.9	2290.1	4187.4	11496.5	15207.5	15215.9	12252.9	5545.6
70°	982.1	982.1	1015.5	1120.0	1379.1	1872.2	5587.4	12315.6	12913.2	9461.3	5140.2
72.5°	969.5	961.2	952.8	957.0	931.9	940.3	1918.2	6953.9	7806.4	6619.6	4099.6
75°	944.5	944.5	936.1	906.9	743.9	606.0	660.3	2812.5	3251.3	4421.4	3042.3
77.5°	748.0	823.3	911.0	856.7	681.2	455.5	384.5	814.9	1028.0	2712.2	2206.5
80°	346.9	351.0	346.9	363.6	434.6	326.0	284.2	397.0	401.2	1504.5	1366.5
82.5°	250.7	254.9	242.4	217.3	192.2	175.5	234.0	292.5	313.4	689.5	509.8
85°	75.2	71.0	83.6	112.8	133.7	154.6	196.4	246.6	259.1	254.9	75.2
87.5°	33.4	33.4	41.8	58.5	79.4	117.0	171.3	225.7	229.8	263.3	20.9
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-SA3C-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3
2.5°	104.5	100.3	96.1	91.9	87.8	83.6	79.4	79.4	83.6	83.6	83.6
5°	100.3	96.1	87.8	79.4	75.2	71.0	66.9	66.9	71.0	71.0	71.0
7.5°	100.3	91.9	83.6	75.2	66.9	62.7	58.5	58.5	58.5	62.7	62.7
10°	100.3	91.9	79.4	66.9	58.5	54.3	50.1	46.0	50.1	50.1	50.1
12.5°	96.1	87.8	75.2	62.7	50.1	41.8	37.6	37.6	37.6	37.6	37.6
15°	91.9	83.6	71.0	54.3	41.8	33.4	25.1	25.1	25.1	29.3	29.3
17.5°	87.8	79.4	62.7	41.8	29.3	20.9	16.7	16.7	16.7	20.9	20.9
20°	87.8	75.2	54.3	33.4	20.9	12.5	8.4	8.4	8.4	12.5	16.7
22.5°	87.8	75.2	50.1	25.1	12.5	8.4	4.2	4.2	4.2	4.2	4.2
25°	87.8	71.0	46.0	20.9	8.4	4.2	0.0	0.0	4.2	8.4	12.5
27.5°	87.8	66.9	37.6	12.5	8.4	4.2	0.0	4.2	8.4	8.4	8.4
30°	87.8	66.9	33.4	12.5	4.2	0.0	0.0	4.2	8.4	8.4	12.5
32.5°	91.9	62.7	29.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	96.1	58.5	25.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	104.5	58.5	16.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	117.0	62.7	16.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	146.3	66.9	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	204.8	83.6	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	300.9	125.4	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	438.8	171.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	539.1	171.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	534.9	108.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	409.5	75.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	346.9	54.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	417.9	41.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	743.9	37.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1195.2	37.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1337.3	37.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1044.8	33.4	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	572.5	29.3	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	288.4	20.9	8.4	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
80°	121.2	16.7	8.4	4.2	4.2	4.2	0.0	0.0	0.0	0.0	0.0
82.5°	41.8	16.7	8.4	8.4	4.2	4.2	0.0	0.0	0.0	0.0	0.0
85°	20.9	12.5	12.5	8.4	8.4	4.2	4.2	0.0	0.0	0.0	0.0
87.5°	12.5	12.5	12.5	8.4	8.4	4.2	4.2	0.0	0.0	0.0	4.2
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

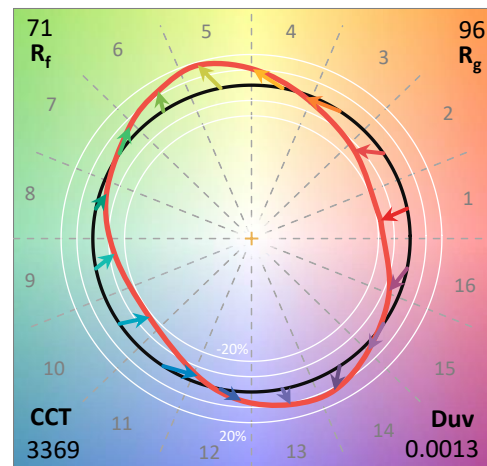
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



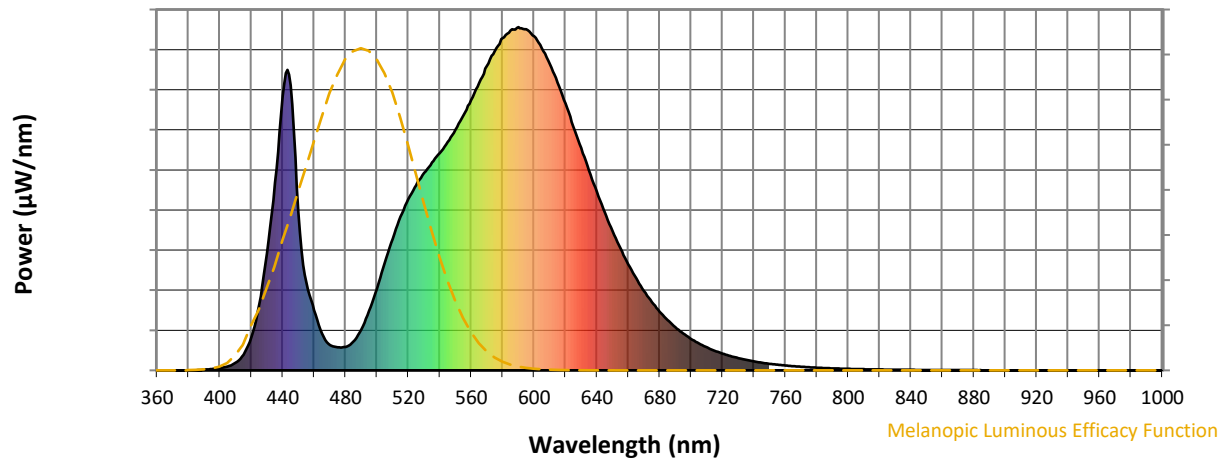
Scotopic Lumens: NR

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

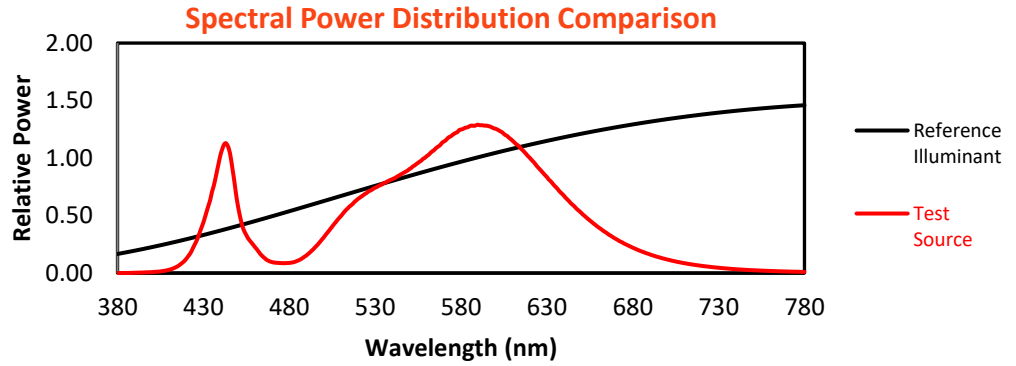
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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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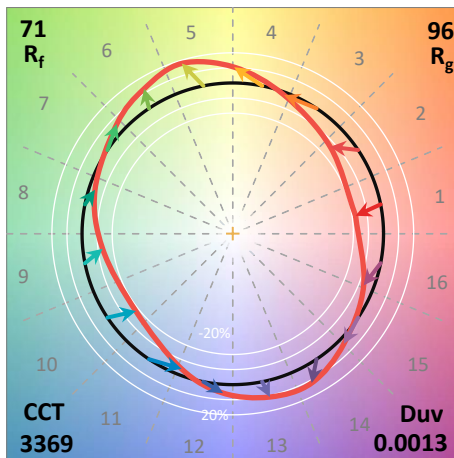
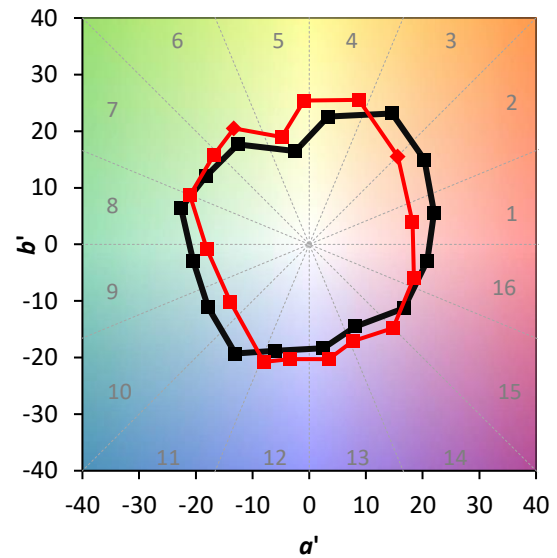
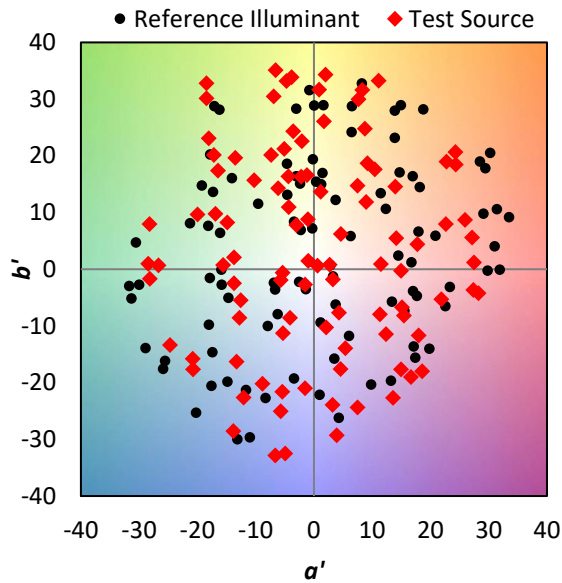
TM-30-18

Summary

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



Color Vector Graphics



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

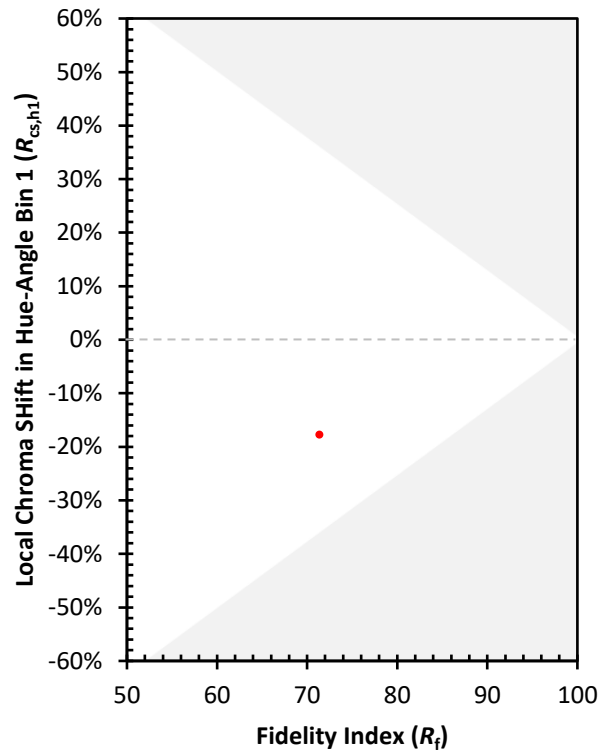
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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)