

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: P1067499

Luminaire Tested: **NAV-SA4C-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067499
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA4C-735-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20401.5 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

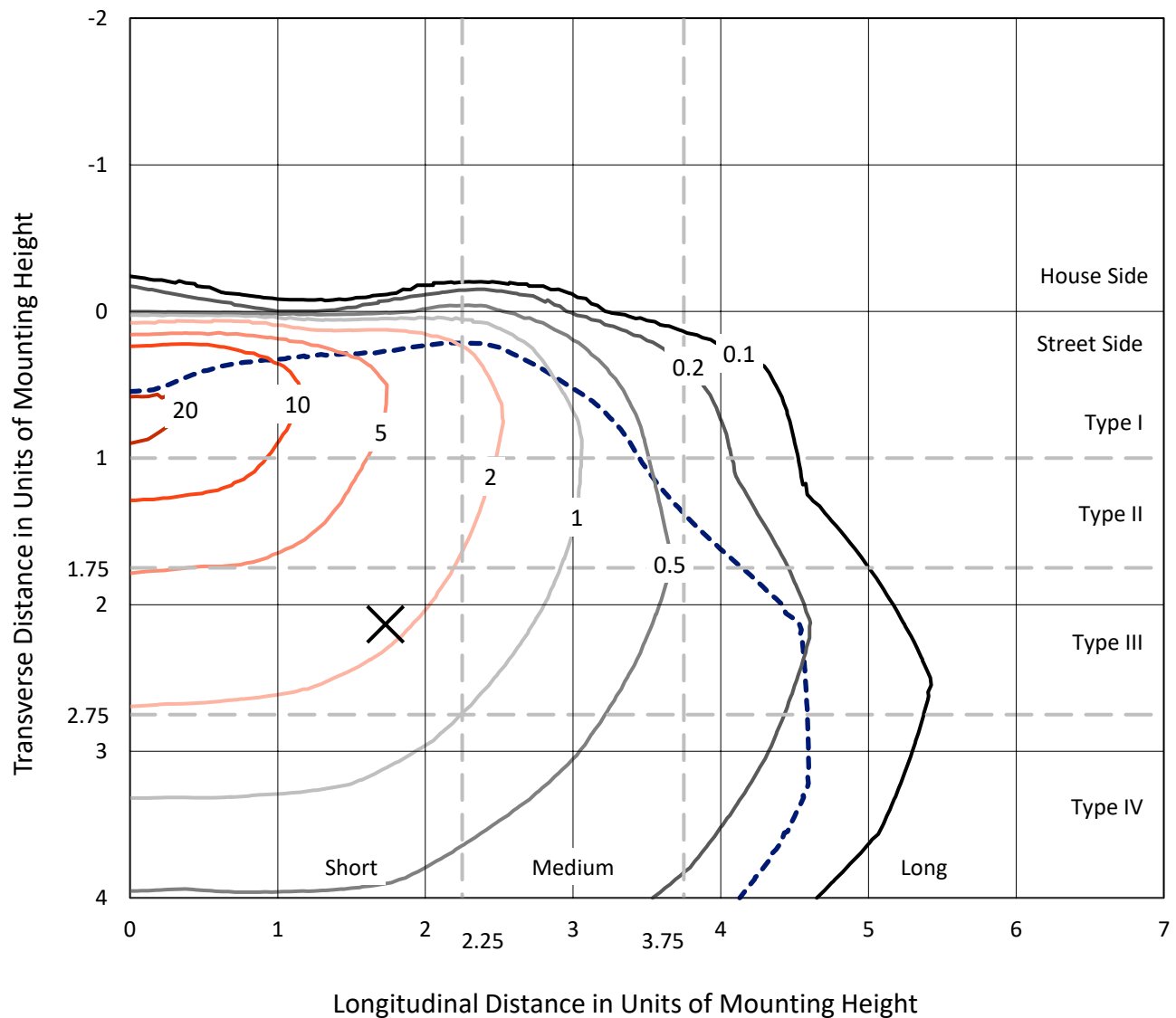


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

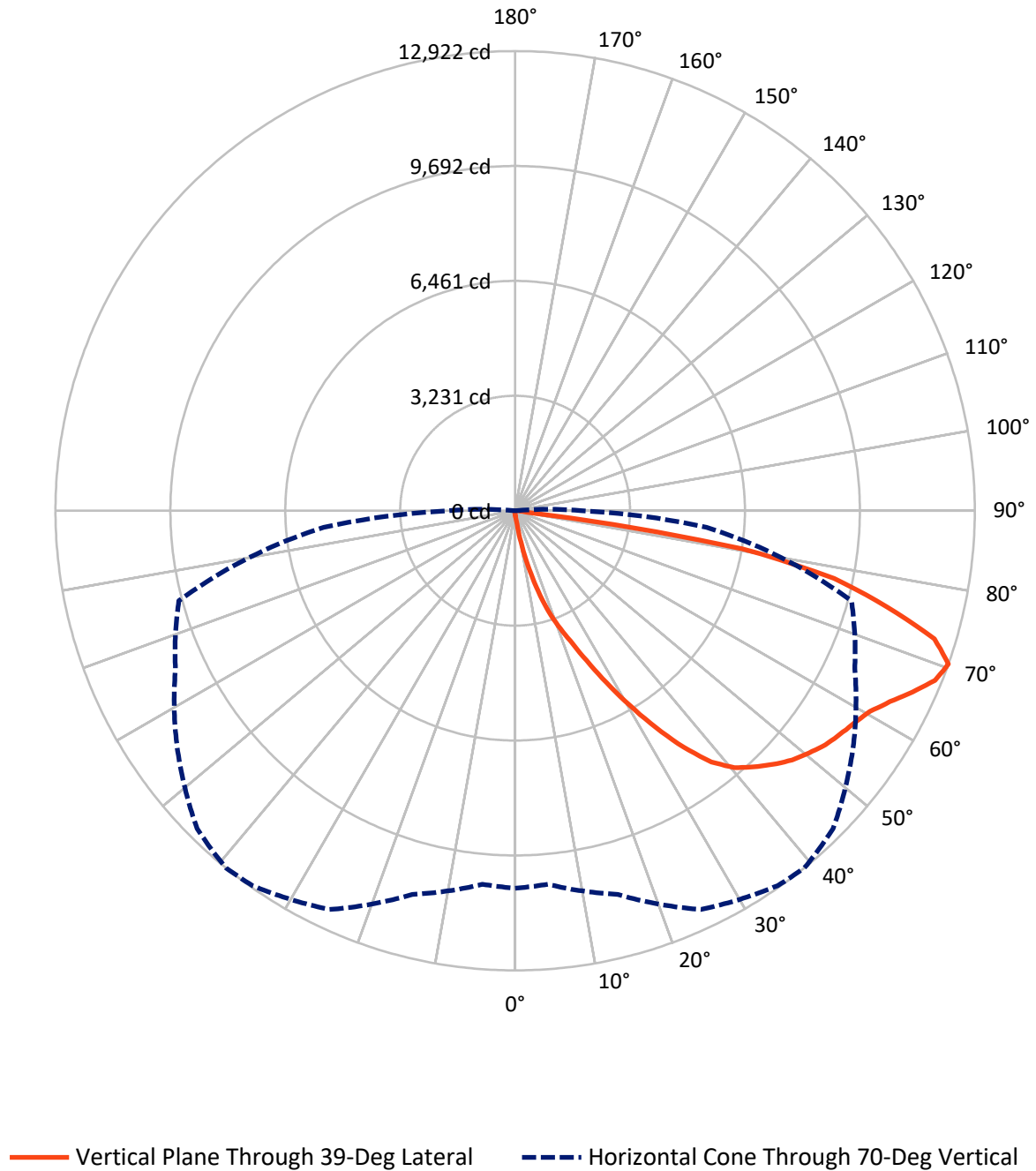


Based on 15 foot mounting height. Maximum calculated value = 22.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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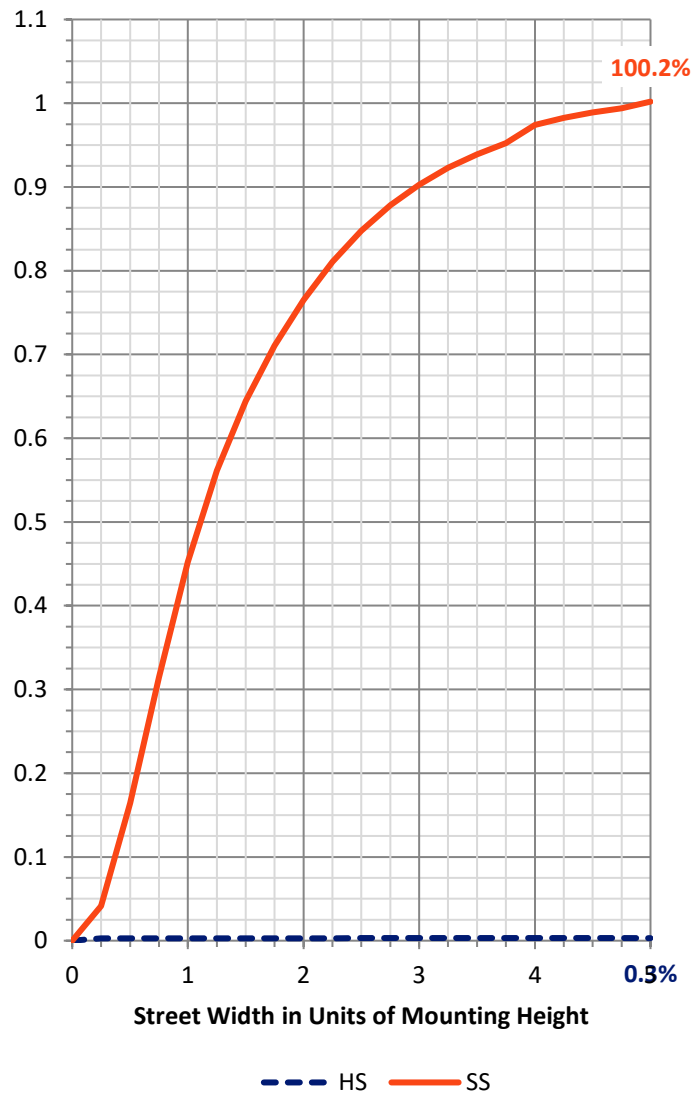
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.8	0.0	62.8
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	20338.7	0.0	20338.7
	% Fixture	99.7	0.0	99.7
Total	Lumens	20401.5	0.0	20401.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.5	0.1
10°-20°	250.8	1.2
20°-30°	851.1	4.2
30°-40°	2000.3	9.8
40°-50°	3248.1	15.9
50°-60°	4115.9	20.2
60°-70°	5228.4	25.6
70°-80°	4248.0	20.8
80°-90°	437.4	2.1
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°	20401.5	100.0
0°-180°	20401.5	100.0



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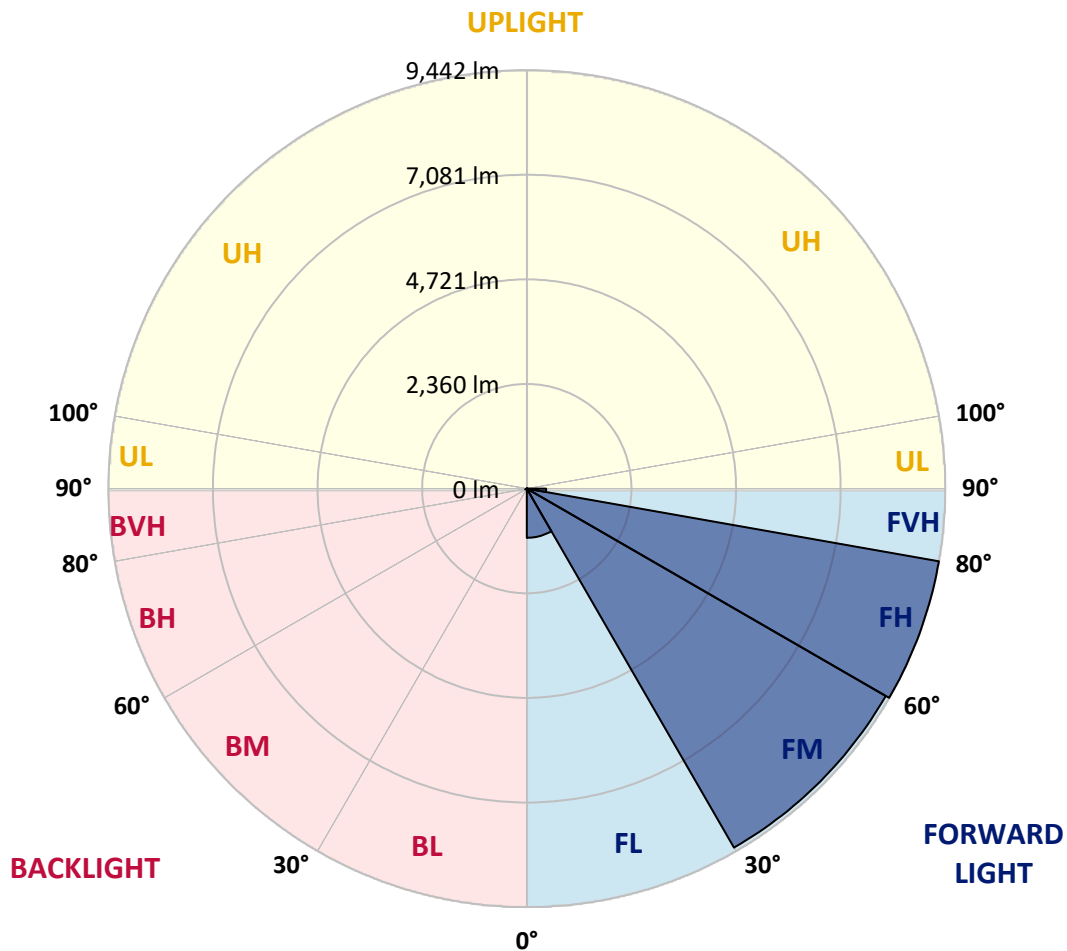
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1109.8	5.4			
FM	(30°-60°)	9352.3	45.8			
FH	(60°-80°)	9441.9	46.3			G4/12000
FVH	(80°-90°)	434.8	2.1			G3/500
BL	(0°-30°)	13.6	0.1	B0/110		
BM	(30°-60°)	12.1	0.1	B0/220		
BH	(60°-80°)	34.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8
2.5°	144.0	144.0	144.0	138.5	138.5	132.9	132.9	127.4	121.9	121.9	116.3
5°	271.4	276.9	260.3	227.1	204.9	193.9	182.8	155.1	138.5	127.4	116.3
7.5°	742.2	720.1	686.8	576.1	443.1	376.6	321.3	227.1	166.2	132.9	116.3
10°	1562.0	1501.1	1406.9	1257.3	997.0	891.8	692.4	415.4	232.6	149.6	116.3
12.5°	2293.1	2304.2	2187.9	2043.9	1728.2	1550.9	1279.5	781.0	365.6	177.2	116.3
15°	2847.0	2835.9	2791.6	2675.3	2392.8	2221.1	1977.4	1312.7	614.8	221.6	121.9
17.5°	3284.6	3240.3	3223.7	3173.8	2991.0	2896.9	2631.0	1933.1	974.9	299.1	127.4
20°	3722.2	3711.1	3694.5	3639.1	3517.2	3450.8	3245.8	2559.0	1451.2	426.5	138.5
22.5°	4359.2	4298.2	4309.3	4187.4	4087.7	3971.4	3805.3	3223.7	1999.6	609.3	155.1
25°	5106.9	5101.4	5012.7	4957.4	4791.2	4663.8	4442.2	3866.2	2608.8	880.7	171.7
27.5°	5987.6	5926.7	5887.9	5793.7	5622.0	5478.0	5173.4	4503.2	3268.0	1185.3	193.9
30°	6907.1	6907.1	6835.1	6691.0	6524.9	6347.6	6037.5	5173.4	3921.6	1573.1	221.6
32.5°	7981.6	8003.8	7826.5	7610.5	7394.5	7272.6	6868.3	5932.2	4547.5	2016.2	254.8
35°	9022.9	8995.2	8701.7	8463.5	8302.9	8169.9	7826.5	6763.1	5256.5	2531.3	299.1
37.5°	10020.0	9947.9	9460.5	9122.6	9050.6	8962.0	8618.6	7593.9	5959.9	3101.8	354.5
40°	10734.5	10623.7	10119.7	9654.4	9549.1	9499.3	9233.4	8347.2	6702.1	3738.8	426.5
42.5°	11044.7	10917.3	10568.3	10191.7	9959.0	9842.7	9610.1	8962.0	7444.3	4447.8	531.7
45°	11105.6	11005.9	10756.6	10668.0	10352.3	10175.0	9859.3	9399.6	8136.7	5151.2	675.8
47.5°	10884.0	10839.7	10690.2	10878.5	10717.9	10474.1	10092.0	9726.4	8751.5	6004.2	875.2
50°	10341.2	10308.0	10380.0	10873.0	10983.7	10706.8	10346.8	9981.2	9283.3	6884.9	1157.6
52.5°	9610.1	9604.5	9942.4	10728.9	11100.0	10928.3	10596.0	10236.0	9704.2	7737.9	1556.4
55°	8812.5	8906.6	9499.3	10596.0	11166.5	11089.0	10839.7	10463.1	10080.9	8530.0	2199.0
57.5°	8746.0	8707.2	9277.7	10540.6	11205.3	11249.6	11083.4	10701.2	10402.1	9178.0	3057.5
60°	9410.7	9322.0	9538.1	10656.9	11377.0	11454.5	11327.1	10884.0	10723.4	9687.6	4187.4
62.5°	10180.6	10097.5	10208.3	11105.6	11714.9	11825.7	11665.0	11072.4	10983.7	10042.1	5400.5
65°	10795.4	10728.9	10939.4	11775.8	12185.7	12279.8	12169.1	11421.3	11100.0	10330.1	6386.4
67.5°	10895.1	10812.0	11249.6	12224.5	12662.0	12728.5	12639.9	11759.2	11061.3	10352.3	6613.5
70°	10612.6	10540.6	11166.5	12368.5	12867.0	12922.4	12639.9	11598.6	10535.1	9787.3	5406.0
72.5°	9743.0	9798.4	10607.1	12019.5	12584.5	12329.7	11731.5	10789.9	9853.8	8297.3	3794.2
75°	8391.5	8452.4	9527.0	11061.3	11105.6	10795.4	10474.1	9925.8	8818.0	5466.9	2631.0
77.5°	5965.4	5749.4	7355.7	9133.7	8973.1	9172.5	9200.2	8258.6	7383.4	2847.0	1761.4
80°	587.1	498.5	925.0	2619.9	5788.2	6469.5	6735.4	6364.2	5444.8	1274.0	925.0
82.5°	127.4	127.4	138.5	149.6	232.6	349.0	1600.8	3921.6	3517.2	648.1	299.1
85°	72.0	72.0	88.6	105.2	138.5	155.1	182.8	243.7	947.2	232.6	55.4
87.5°	55.4	60.9	72.0	88.6	116.3	127.4	155.1	193.9	238.2	216.0	16.6
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°	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8	110.8
2.5°	116.3	110.8	105.2	99.7	94.2	94.2	88.6	88.6	88.6	88.6	88.6
5°	110.8	105.2	99.7	88.6	83.1	77.5	72.0	72.0	72.0	72.0	72.0
7.5°	110.8	105.2	94.2	83.1	72.0	66.5	60.9	55.4	55.4	60.9	60.9
10°	110.8	99.7	83.1	72.0	60.9	55.4	49.9	44.3	44.3	44.3	44.3
12.5°	105.2	94.2	77.5	66.5	55.4	44.3	33.2	27.7	27.7	27.7	27.7
15°	99.7	88.6	72.0	55.4	38.8	27.7	22.2	16.6	16.6	16.6	16.6
17.5°	99.7	83.1	66.5	49.9	27.7	16.6	11.1	5.5	5.5	5.5	11.1
20°	99.7	83.1	60.9	38.8	16.6	11.1	11.1	5.5	0.0	5.5	5.5
22.5°	99.7	77.5	49.9	27.7	16.6	11.1	5.5	0.0	0.0	0.0	0.0
25°	105.2	77.5	44.3	22.2	11.1	5.5	0.0	0.0	0.0	0.0	0.0
27.5°	105.2	72.0	38.8	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	110.8	72.0	33.2	11.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	110.8	66.5	22.2	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	110.8	60.9	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	110.8	55.4	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	116.3	49.9	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	121.9	44.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	127.4	38.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	144.0	38.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	166.2	38.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	199.4	38.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	260.3	33.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	376.6	33.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	631.4	33.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1107.8	33.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1872.2	33.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2442.7	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1855.5	33.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	886.2	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	393.3	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	171.7	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	66.5	11.1	5.5	5.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0
82.5°	27.7	11.1	5.5	5.5	5.5	5.5	5.5	0.0	0.0	0.0	0.0
85°	16.6	11.1	11.1	11.1	5.5	5.5	5.5	0.0	0.0	0.0	0.0
87.5°	11.1	11.1	11.1	11.1	11.1	5.5	5.5	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

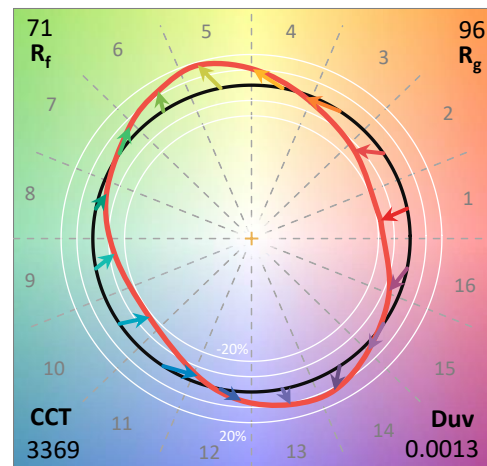
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

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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 $\text{W}^\wedge/\text{nm}$	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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Scotopic Flux vs. Wavelength



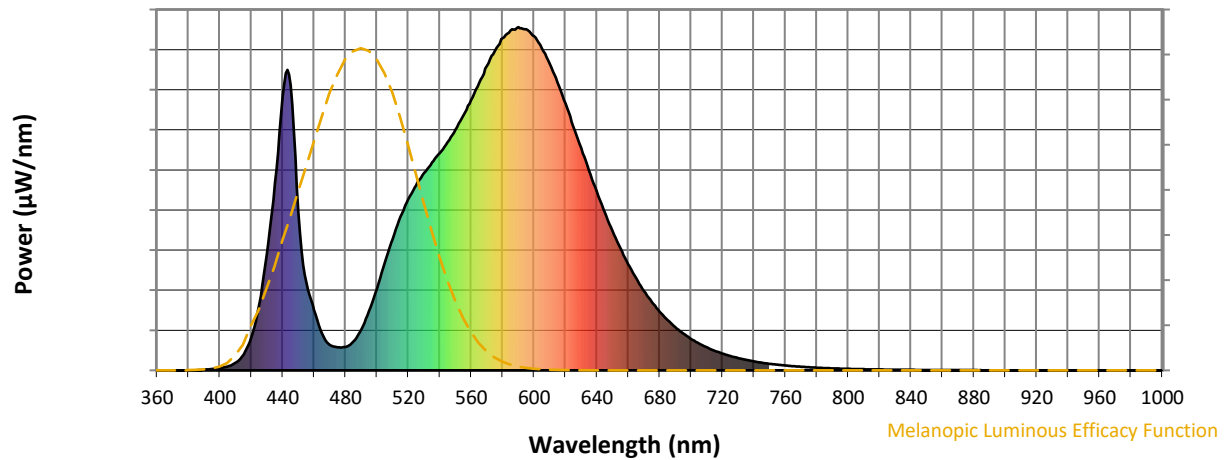
Scotopic Lumens: NR

S/P: 1.29

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

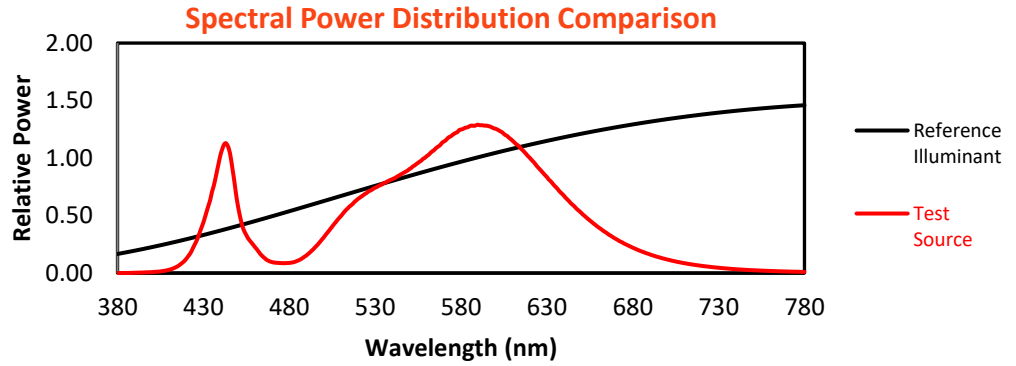
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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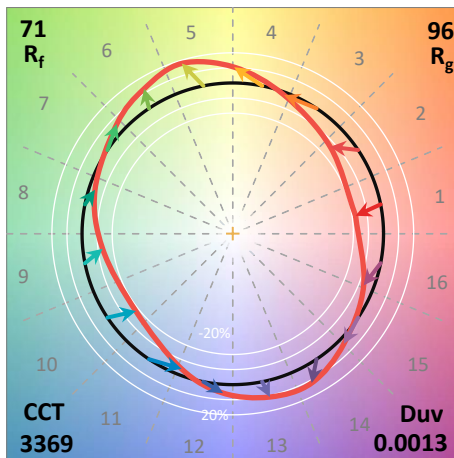
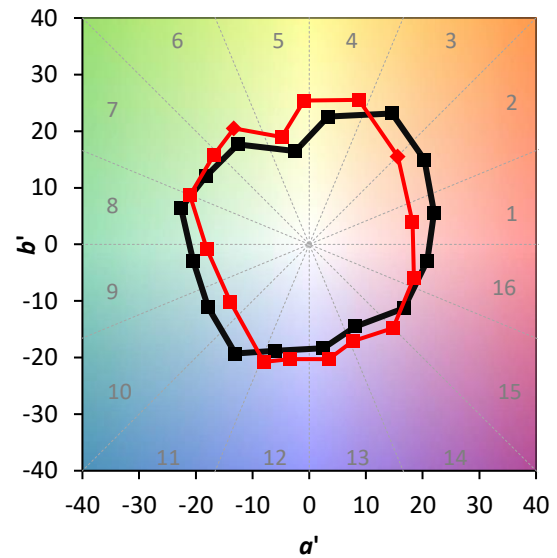
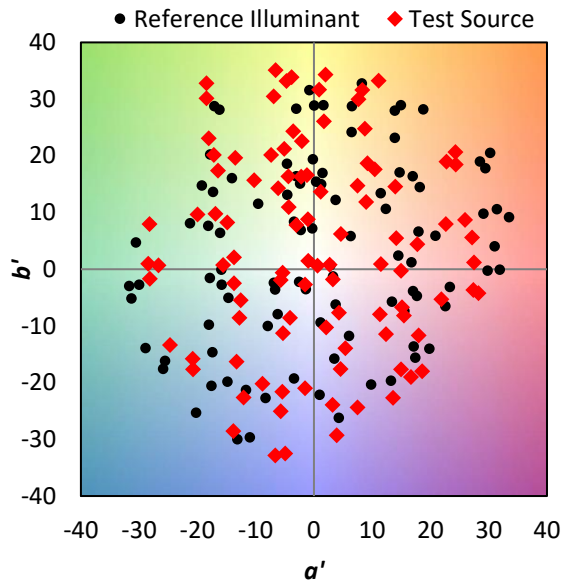
TM-30-18

Summary

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



Color Vector Graphics



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

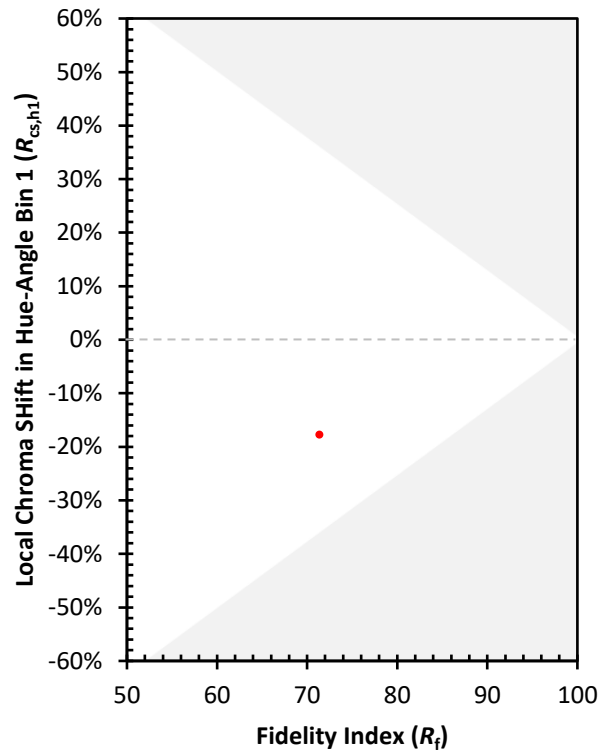
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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