

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: P1066909

Luminaire Tested: **NAV-SA1A-740-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066909
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1A-740-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3854 lumens
Efficiency: N/A
Efficacy: 132.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.2
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

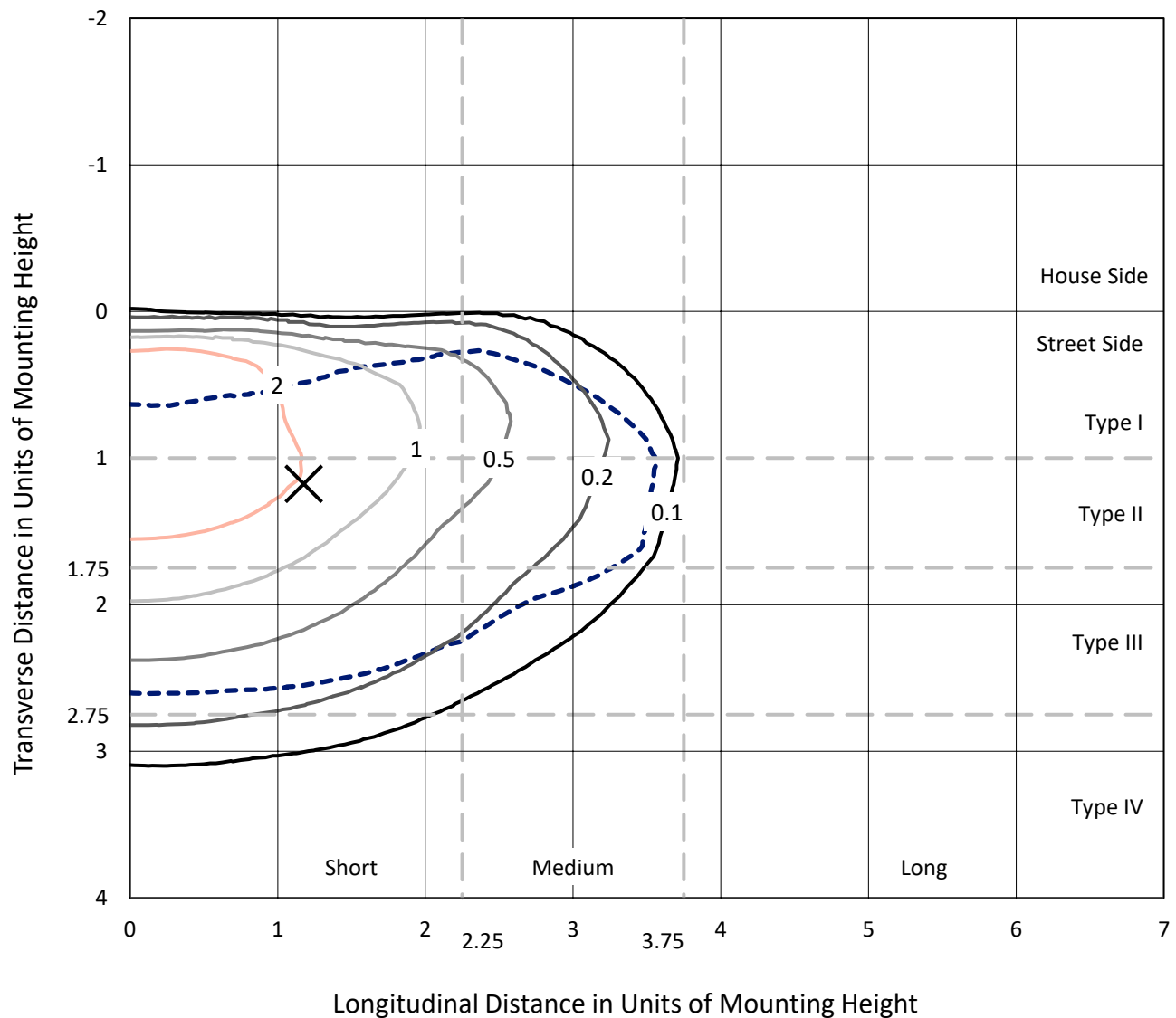


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

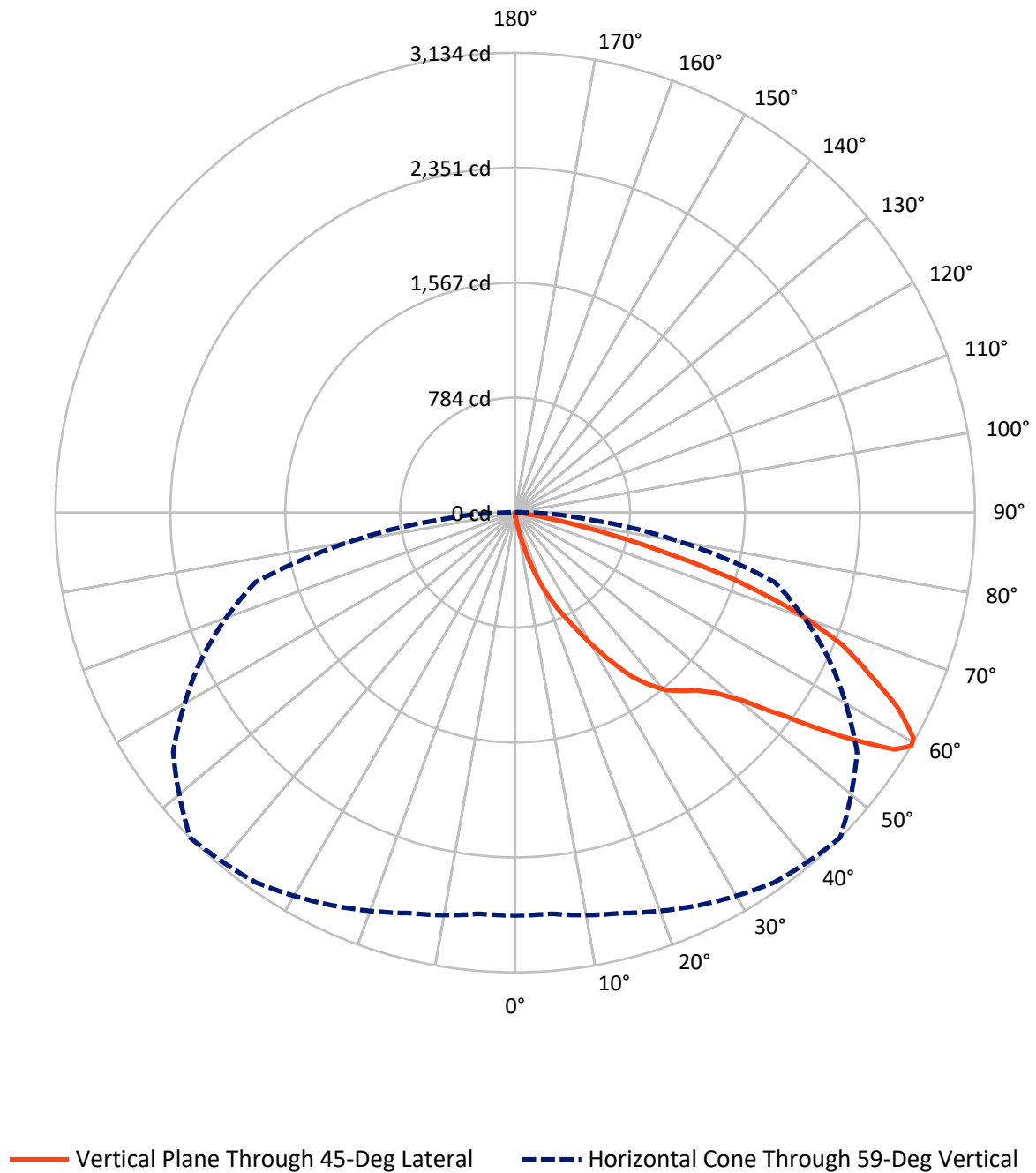


Based on 15 foot mounting height. Maximum calculated value = 4.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.7	0.0	13.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3840.3	0.0	3840.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	3854.0	0.0	3854.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	42.6	1.1
20°-30°	153.1	4.0
30°-40°	355.7	9.2
40°-50°	606.2	15.7
50°-60°	998.9	25.9
60°-70°	1154.9	30.0
70°-80°	496.2	12.9
80°-90°	42.9	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°	3854.0	100.0
0°-180°	3854.0	100.0



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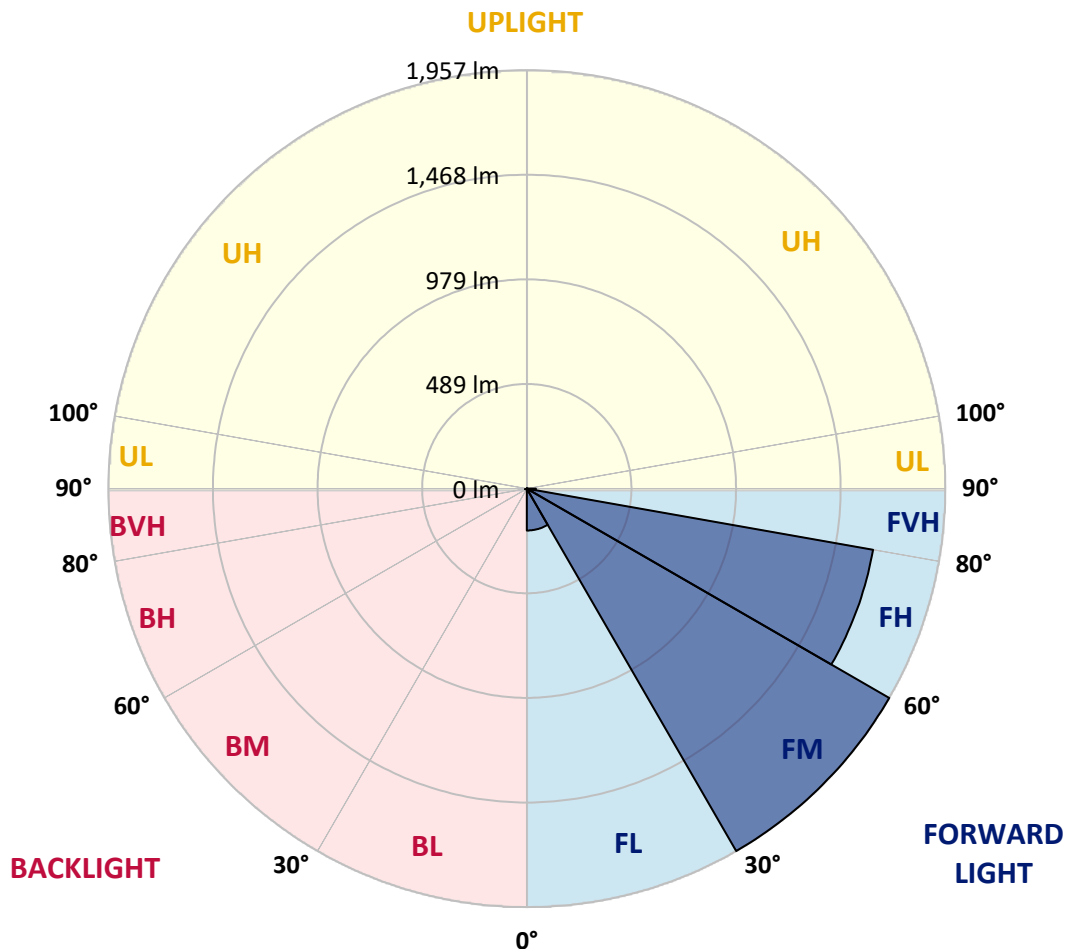
CATALOG NUMBER: NAV-SA1A-740-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	195.9	5.1			
FM	(30°-60°)	1957.5	50.8			
FH	(60°-80°)	1644.7	42.7			G1/1800
FVH	(80°-90°)	42.3	1.1			G1/100
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	3.3	0.1	B0/220		
BH	(60°-80°)	6.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
2.5°	31.6	31.6	30.8	29.8	29.5	28.8	28.8	28.0	27.0	26.2	25.1
5°	45.9	45.6	43.5	40.9	37.6	35.5	35.5	32.7	30.1	27.7	25.7
7.5°	100.3	98.0	90.4	78.0	61.7	50.8	50.0	40.7	34.5	29.8	25.9
10°	230.1	222.1	211.5	181.7	134.2	93.8	92.0	59.3	41.2	32.1	26.4
12.5°	377.1	383.5	362.3	315.4	259.9	193.3	180.4	100.0	54.4	35.2	27.0
15°	510.8	509.2	497.3	458.9	394.9	306.3	298.3	173.9	78.0	40.2	27.5
17.5°	610.8	609.0	597.6	573.0	523.7	435.1	428.1	277.3	122.3	47.2	28.0
20°	716.3	713.9	697.9	678.2	635.2	559.8	551.5	392.9	191.5	58.6	28.0
22.5°	842.7	838.3	821.2	787.8	742.4	676.9	669.4	511.0	277.3	77.2	29.3
25°	995.6	988.1	964.5	934.5	879.8	792.7	784.7	642.7	380.7	105.5	30.6
27.5°	1170.0	1171.3	1139.5	1088.7	1015.3	926.4	911.4	760.6	487.7	145.9	32.1
30°	1377.1	1364.1	1319.3	1260.2	1189.0	1075.7	1061.2	878.0	608.0	205.5	34.7
32.5°	1570.9	1556.9	1496.6	1422.2	1345.7	1226.3	1214.4	1009.9	717.3	276.0	39.4
35°	1737.3	1727.5	1643.0	1552.3	1484.4	1377.6	1374.0	1157.1	845.8	351.9	44.6
37.5°	1883.7	1865.8	1757.3	1663.2	1594.3	1498.6	1490.9	1291.8	969.7	440.0	52.3
40°	2008.6	1998.8	1866.4	1742.7	1686.8	1601.3	1591.4	1410.0	1097.7	542.4	61.9
42.5°	2142.3	2129.4	2000.9	1862.2	1759.1	1667.6	1661.1	1507.4	1211.8	654.9	76.2
45°	2293.4	2269.3	2156.6	2032.2	1875.4	1736.3	1729.0	1594.3	1328.6	775.6	93.6
47.5°	2454.9	2433.9	2342.7	2255.3	2075.0	1849.5	1834.0	1668.1	1444.7	915.0	115.6
50°	2619.2	2619.7	2551.3	2509.3	2318.8	2033.5	2011.5	1776.7	1566.8	1064.3	148.2
52.5°	2810.4	2815.3	2814.3	2783.2	2635.5	2334.4	2304.8	1941.5	1708.5	1238.5	193.3
55°	2890.5	2899.3	2956.6	3025.5	2985.3	2715.8	2684.2	2225.8	1896.4	1432.6	260.2
57.5°	2824.9	2834.8	2913.8	3034.6	3126.8	3049.9	3046.2	2595.9	2143.9	1667.9	369.5
59°	2746.9	2745.6	2826.8	2954.8	3079.2	3129.2	3134.4	2846.2	2359.5	1832.9	463.9
60°	2695.1	2696.1	2750.0	2881.4	3013.6	3100.4	3120.6	2993.6	2485.5	1951.6	544.7
62.5°	2495.0	2507.0	2549.7	2671.8	2797.2	2894.1	2928.6	3125.0	2845.9	2232.0	825.9
65°	2277.6	2278.4	2339.3	2443.7	2564.0	2632.1	2653.9	2920.6	3086.7	2517.6	1194.7
67.5°	1889.7	1905.5	1974.7	2143.9	2302.8	2389.1	2405.6	2542.2	2986.9	2703.7	1379.4
70°	1322.4	1343.1	1441.9	1661.4	1898.0	2039.7	2038.7	2113.3	2628.8	2620.7	1169.5
72.5°	660.3	696.1	776.7	1011.7	1298.3	1520.9	1567.8	1700.0	2111.8	2176.8	872.5
75°	291.8	293.9	339.7	458.2	645.3	928.0	970.0	1349.4	1620.2	1512.9	630.2
77.5°	169.7	171.3	179.6	205.8	261.5	454.8	502.0	885.0	1144.9	879.3	411.0
80°	61.7	63.2	63.0	78.0	114.5	179.1	199.5	428.9	763.7	463.1	215.3
82.5°	37.8	37.8	36.5	36.8	41.7	68.7	75.2	182.7	371.9	228.0	61.7
85°	18.7	19.7	21.0	23.6	28.0	33.9	36.0	52.3	125.2	55.2	14.8
87.5°	11.1	11.4	12.4	15.0	18.7	24.4	25.9	35.5	44.8	37.1	3.6
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°	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
2.5°	24.6	24.4	23.1	22.0	21.0	20.0	19.2	18.4	18.4	18.7	18.4
5°	24.6	23.6	21.5	19.7	18.1	16.8	15.5	14.5	14.3	14.3	14.5
7.5°	24.4	23.1	20.2	17.9	15.8	14.0	12.7	11.4	11.1	11.4	11.1
10°	24.1	22.5	19.2	16.3	13.5	11.7	9.8	8.6	8.6	8.6	8.8
12.5°	24.1	21.8	18.1	14.8	11.7	9.6	7.8	6.5	6.2	6.2	6.2
15°	23.8	21.2	17.1	13.0	9.8	7.3	5.7	4.4	4.4	4.4	4.4
17.5°	23.3	20.5	15.8	11.4	7.8	5.4	3.9	2.6	2.6	3.1	3.1
20°	22.8	19.7	14.3	9.3	6.5	4.1	2.6	1.6	1.6	2.3	2.6
22.5°	23.1	19.7	13.2	8.3	5.2	3.1	2.1	1.3	1.0	1.8	2.3
25°	23.3	19.2	11.9	7.3	3.9	2.3	1.6	0.5	0.3	0.5	0.8
27.5°	23.3	18.7	10.4	5.7	2.9	1.8	0.8	0.0	0.0	0.0	0.0
30°	23.1	17.9	9.1	4.7	2.1	1.0	0.3	0.0	0.0	0.0	0.0
32.5°	22.8	17.1	8.3	3.6	1.8	0.5	0.0	0.0	0.0	0.0	0.0
35°	23.1	16.1	7.3	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.5
37.5°	23.8	15.0	6.2	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	24.9	14.3	5.2	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	27.0	14.3	4.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	29.5	14.3	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	32.9	14.5	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	37.1	15.0	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	40.2	14.5	2.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	45.6	14.0	2.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	52.9	13.2	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	60.1	12.2	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	68.4	11.7	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	113.0	10.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	218.2	9.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	352.7	9.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	370.8	9.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	246.7	8.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	132.2	7.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	71.3	6.7	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.4	4.9	1.3	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	12.4	3.4	1.6	1.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0
85°	6.0	2.6	2.1	1.8	1.3	0.8	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.6	2.3	2.1	1.8	1.3	0.3	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

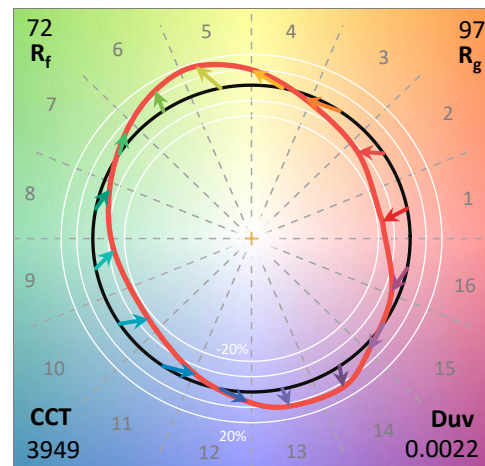
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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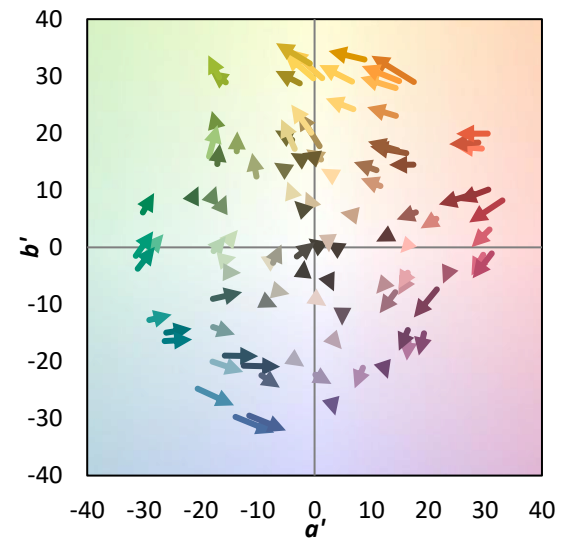
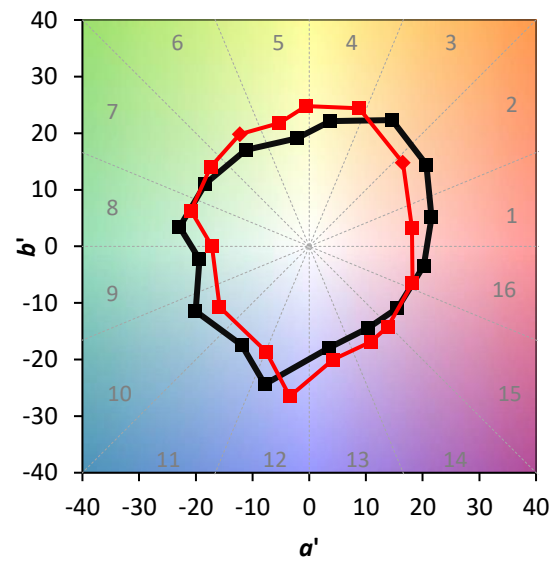
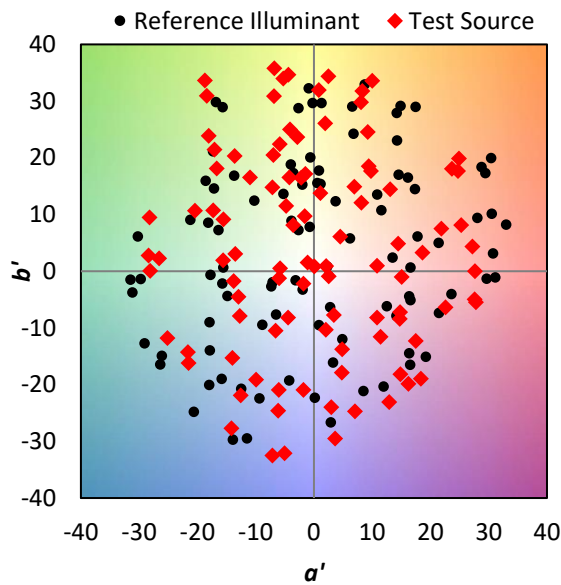
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$



Color Vector Graphics

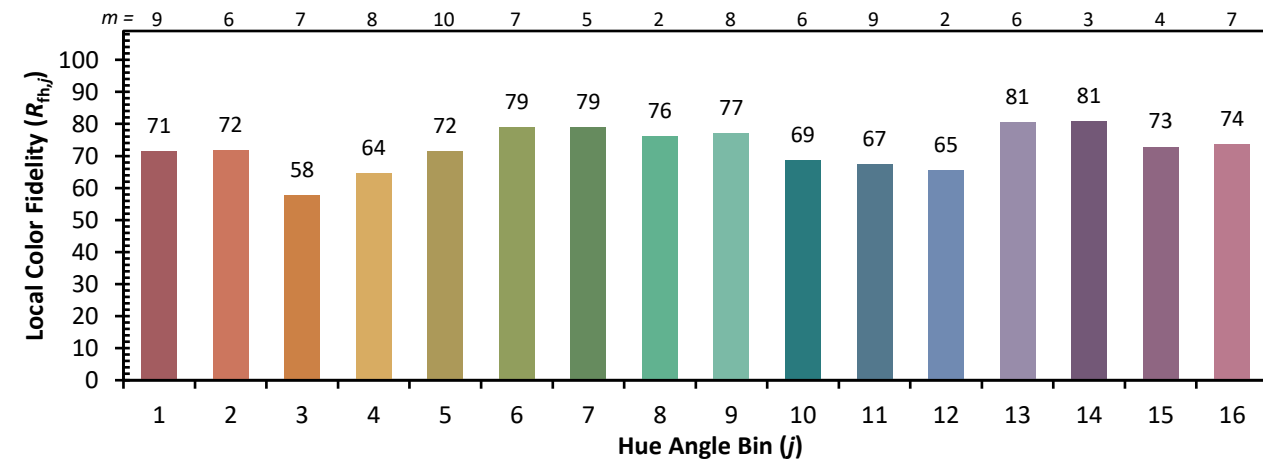
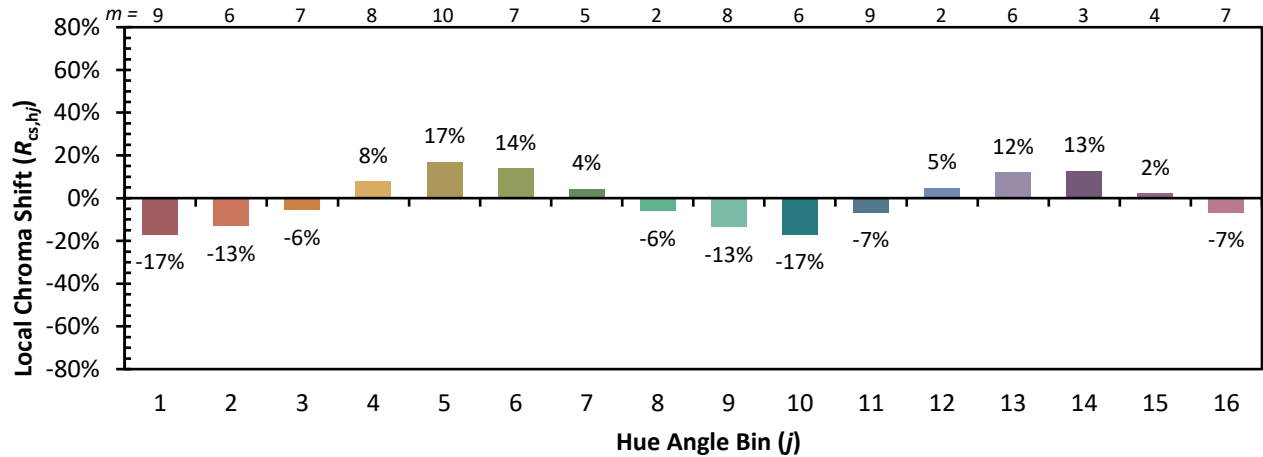


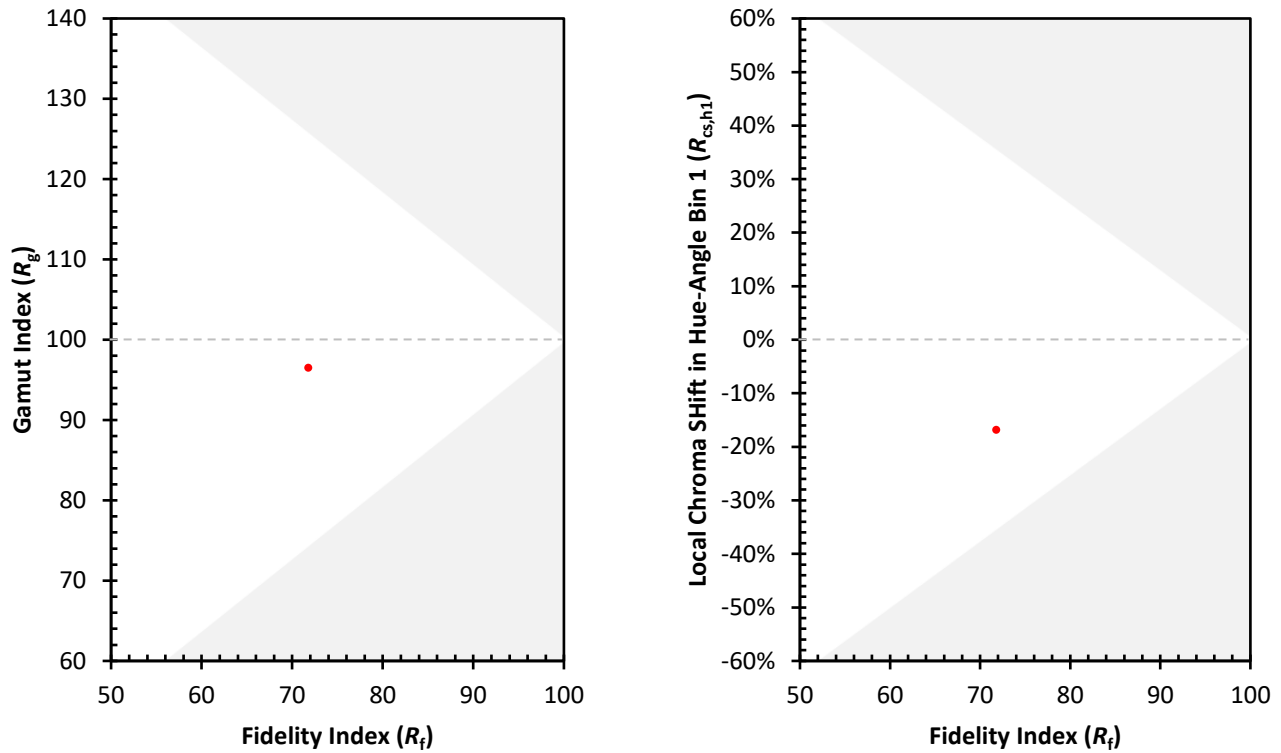
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)