

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: P1067171

Luminaire Tested: **NAV-SA6C-740-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067171
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6C-740-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32636.1 lumens
Efficiency: N/A
Efficacy: 116.9 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): 279.1
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

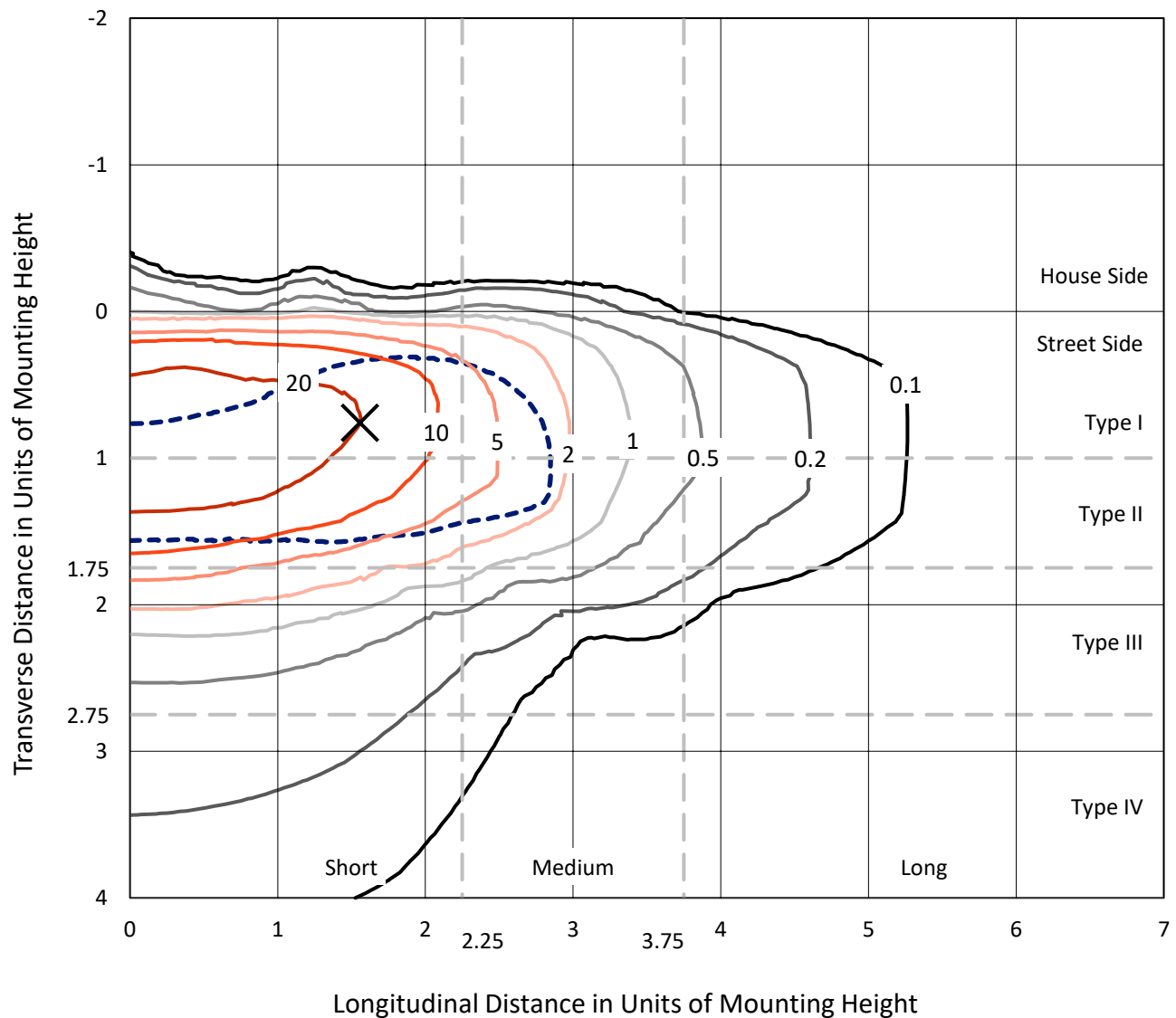


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

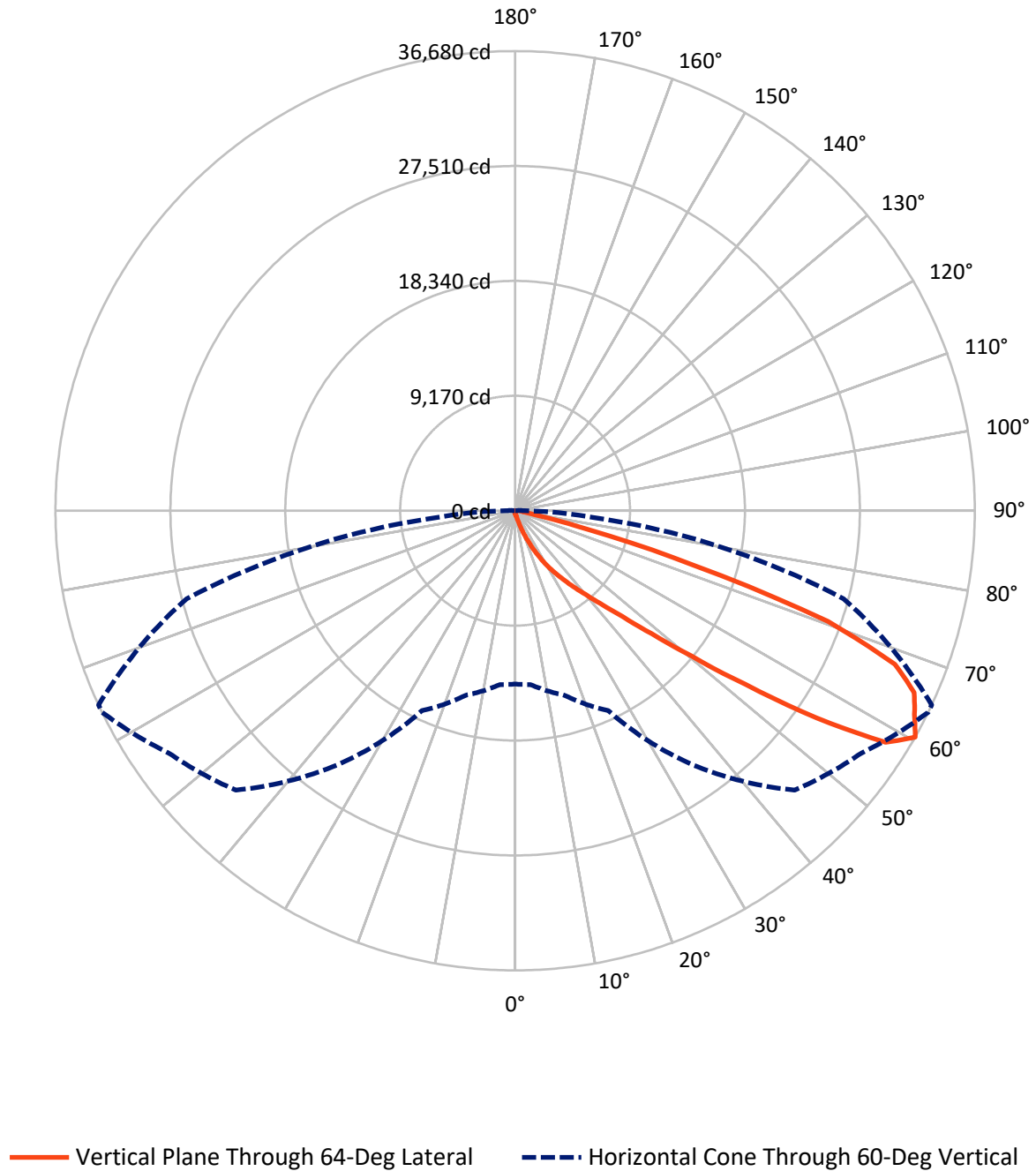


Based on 15 foot mounting height. Maximum calculated value = 46.8 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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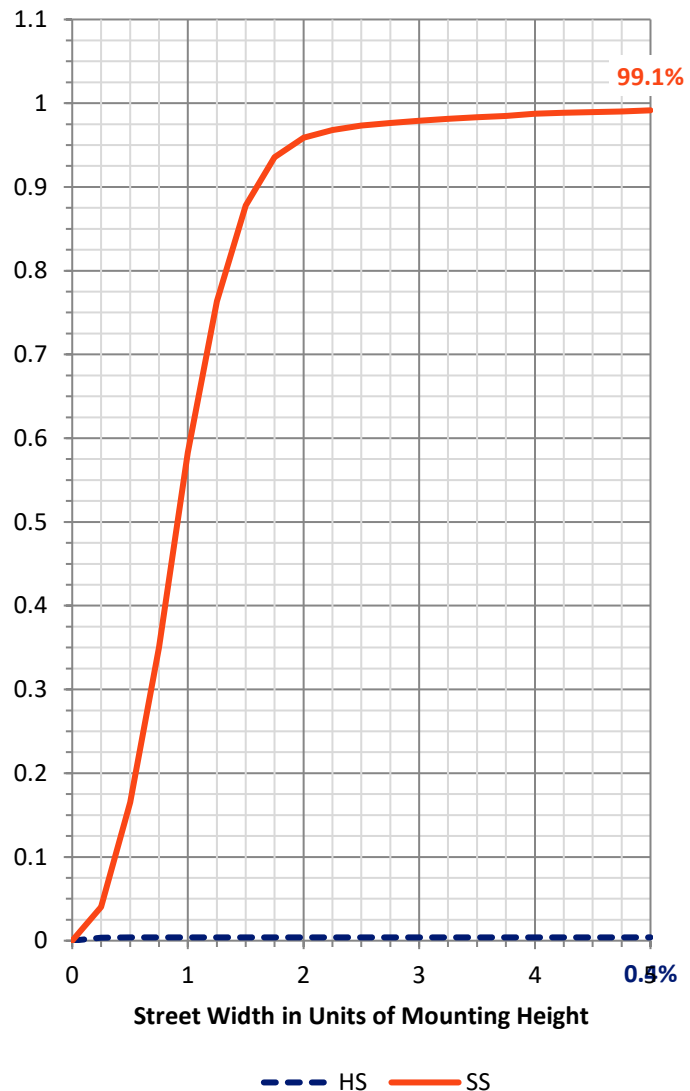
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	132.3	0.0	132.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32503.8	0.0	32503.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	32636.1	0.0	32636.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	0.1
10°-20°	320.7	1.0
20°-30°	1065.2	3.3
30°-40°	2842.2	8.7
40°-50°	7224.1	22.1
50°-60°	10531.2	32.3
60°-70°	8134.3	24.9
70°-80°	2233.8	6.8
80°-90°	252.2	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°	32636.1	100.0
0°-180°	32636.1	100.0



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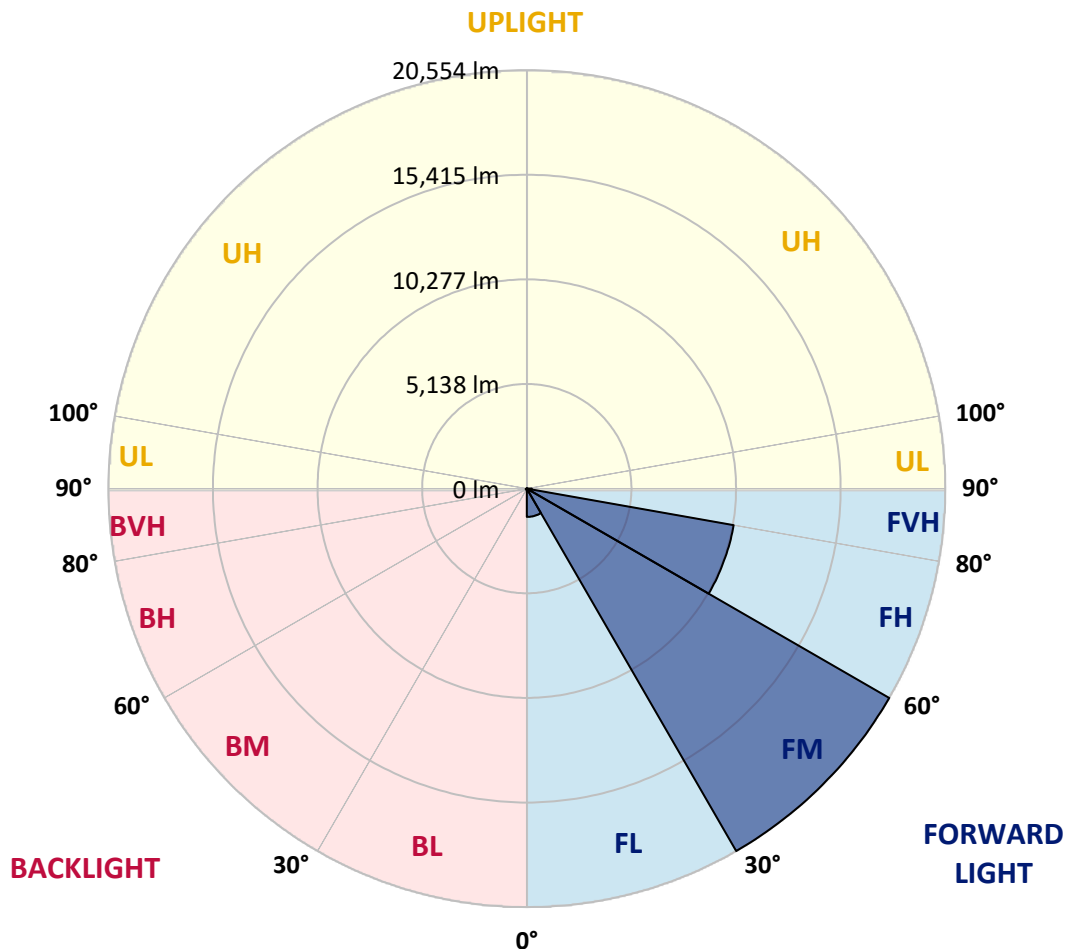
CATALOG NUMBER: NAV-SA6C-740-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1388.6	4.3			
FM	(30°-60°)	20553.6	63.0			
FH	(60°-80°)	10315.4	31.6			G4/12000
FVH	(80°-90°)	246.2	0.8			G3/500
BL	(0°-30°)	29.7	0.1	B0/110		
BM	(30°-60°)	43.8	0.1	B0/220		
BH	(60°-80°)	52.8	0.2	B0/110		G0/110
BVH	(80°-90°)	6.0	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6
2.5°	287.5	287.5	287.5	278.5	269.5	269.5	260.5	251.5	251.5	233.6	224.6
5°	440.2	440.2	422.2	404.3	377.3	341.4	305.4	278.5	278.5	251.5	233.6
7.5°	862.4	889.4	808.5	709.7	574.9	485.1	386.3	323.4	314.4	269.5	233.6
10°	1868.6	1850.6	1724.8	1482.3	1167.9	844.5	539.0	395.3	377.3	287.5	233.6
12.5°	2811.9	2838.8	2704.0	2434.5	2057.2	1500.3	925.3	512.1	494.1	314.4	233.6
15°	3620.4	3620.4	3530.5	3395.8	2982.5	2398.6	1491.3	763.6	700.7	341.4	224.6
17.5°	4177.3	4168.4	4132.4	4096.5	3853.9	3252.0	2281.8	1221.8	1078.0	404.3	224.6
20°	4806.2	4779.2	4824.2	4752.3	4563.6	4087.5	3117.3	1814.7	1679.9	512.1	224.6
22.5°	5462.0	5488.9	5524.9	5453.0	5246.4	4833.1	3997.7	2578.3	2434.5	709.7	233.6
25°	6297.5	6279.5	6360.4	6297.5	6036.9	5551.8	4824.2	3413.7	3207.1	988.2	251.5
27.5°	7321.6	7285.7	7339.6	7177.9	6836.5	6342.4	5560.8	4267.2	4024.6	1419.4	287.5
30°	8678.1	8705.1	8462.5	8273.8	7788.7	7132.9	6378.3	5183.5	4932.0	1931.5	323.4
32.5°	10816.2	10627.5	10250.2	9486.6	8848.8	8013.3	7195.8	5983.0	5758.5	2587.3	377.3
35°	14149.1	14185.0	13358.5	11472.0	10088.5	9118.3	8094.2	6863.4	6701.7	3332.9	449.2
37.5°	18209.7	18110.8	17383.2	15002.5	11903.2	10492.8	9118.3	7824.7	7591.1	4141.4	539.0
40°	22809.2	22396.0	21973.8	20356.7	15685.3	12217.6	10411.9	8938.6	8759.0	5075.7	682.7
42.5°	26492.5	26384.7	26456.5	25782.8	21991.7	15155.2	12127.8	10304.1	10088.5	6234.6	934.3
45°	28307.2	28154.4	28585.6	29088.7	28118.5	21407.8	14894.7	12046.9	11759.5	7600.1	1320.6
47.5°	27822.0	27714.2	28639.6	29627.7	30921.4	28657.5	19413.4	14652.2	14158.1	9351.9	1895.5
50°	25432.4	25441.4	26959.6	28801.3	30849.5	32331.8	26106.2	18218.6	17598.8	11678.6	2793.9
52.5°	23105.7	23177.6	24785.6	27471.7	29780.5	32763.0	31981.4	23024.8	22018.7	14418.6	3853.9
55°	20716.1	20752.0	22171.4	25953.5	29277.4	31478.4	34999.9	29214.5	28145.5	17832.3	4887.1
57.5°	18416.3	18416.3	18946.3	22306.1	28729.4	31361.6	34640.6	34874.1	34002.7	21731.2	5650.7
60°	13834.7	13924.5	15245.1	17598.8	24776.6	31532.3	33724.2	36679.8	36679.8	27139.3	6234.6
62.5°	6989.2	7124.0	8767.9	11058.7	16996.9	29178.6	33868.0	35772.5	35916.2	31909.6	7564.1
65°	3279.0	3431.7	4312.1	5929.1	9145.3	20536.4	32376.7	34999.9	34955.0	31002.2	10367.0
67.5°	2353.7	2398.6	2695.1	3458.7	4923.0	9001.5	24713.7	32691.1	32709.1	26339.8	11921.2
70°	2111.1	2111.1	2183.0	2407.6	2964.6	4024.6	12011.0	26474.5	27759.2	20338.8	11049.8
72.5°	2084.2	2066.2	2048.2	2057.2	2003.3	2021.3	4123.4	14948.6	16781.3	14229.9	8812.9
75°	2030.3	2030.3	2012.3	1949.4	1599.1	1302.6	1419.4	6045.9	6989.2	9504.6	6540.0
77.5°	1608.1	1769.8	1958.4	1841.6	1464.3	979.2	826.5	1751.8	2210.0	5830.3	4743.3
80°	745.6	754.6	745.6	781.6	934.3	700.7	610.9	853.4	862.4	3234.1	2937.6
82.5°	539.0	548.0	521.0	467.1	413.2	377.3	503.1	628.8	673.8	1482.3	1096.0
85°	161.7	152.7	179.7	242.6	287.5	332.4	422.2	530.0	557.0	548.0	161.7
87.5°	71.9	71.9	89.8	125.8	170.7	251.5	368.3	485.1	494.1	566.0	44.9
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6	215.6
2.5°	224.6	215.6	206.6	197.6	188.7	179.7	170.7	170.7	179.7	179.7	179.7
5°	215.6	206.6	188.7	170.7	161.7	152.7	143.7	143.7	152.7	152.7	152.7
7.5°	215.6	197.6	179.7	161.7	143.7	134.8	125.8	125.8	125.8	134.8	134.8
10°	215.6	197.6	170.7	143.7	125.8	116.8	107.8	98.8	107.8	107.8	107.8
12.5°	206.6	188.7	161.7	134.8	107.8	89.8	80.9	80.9	80.9	80.9	80.9
15°	197.6	179.7	152.7	116.8	89.8	71.9	53.9	53.9	53.9	62.9	62.9
17.5°	188.7	170.7	134.8	89.8	62.9	44.9	35.9	35.9	35.9	44.9	44.9
20°	188.7	161.7	116.8	71.9	44.9	27.0	18.0	18.0	18.0	27.0	35.9
22.5°	188.7	161.7	107.8	53.9	27.0	18.0	9.0	9.0	9.0	9.0	9.0
25°	188.7	152.7	98.8	44.9	18.0	9.0	0.0	0.0	9.0	18.0	27.0
27.5°	188.7	143.7	80.9	27.0	18.0	9.0	0.0	9.0	18.0	18.0	18.0
30°	188.7	143.7	71.9	27.0	9.0	0.0	0.0	9.0	18.0	18.0	27.0
32.5°	197.6	134.8	62.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	206.6	125.8	53.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	224.6	125.8	35.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	251.5	134.8	35.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	314.4	143.7	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	440.2	179.7	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	646.8	269.5	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	943.3	368.3	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1158.9	368.3	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1149.9	233.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	880.4	161.7	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	745.6	116.8	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	898.4	89.8	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1599.1	80.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2569.3	80.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2874.7	80.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2245.9	71.9	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1230.7	62.9	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	619.9	44.9	18.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	260.5	35.9	18.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	89.8	35.9	18.0	18.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0
85°	44.9	27.0	27.0	18.0	18.0	9.0	9.0	0.0	0.0	0.0	0.0
87.5°	27.0	27.0	27.0	18.0	18.0	9.0	9.0	0.0	0.0	0.0	9.0
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

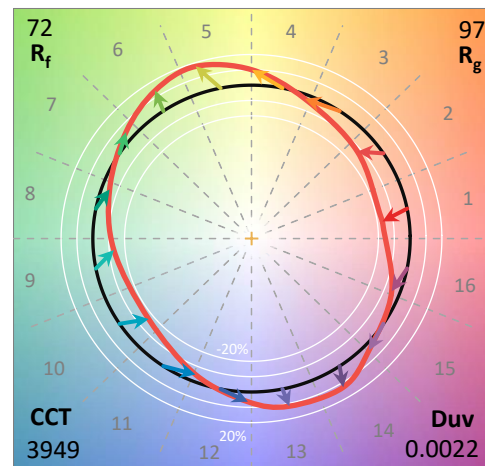
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

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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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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 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	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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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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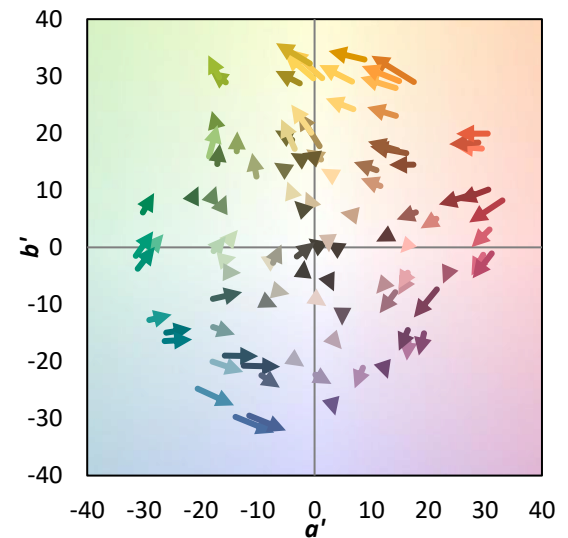
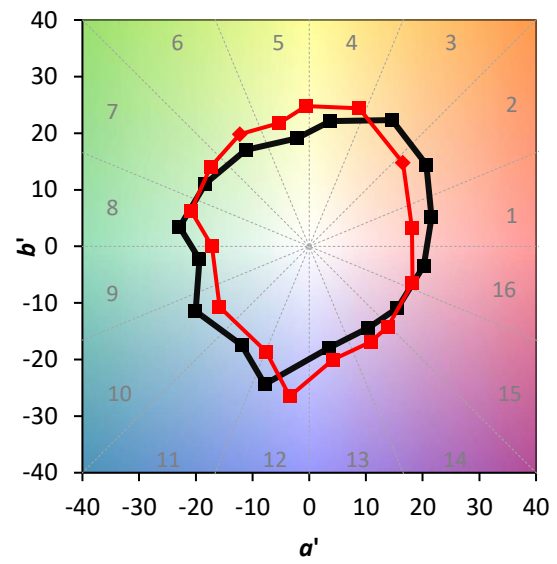
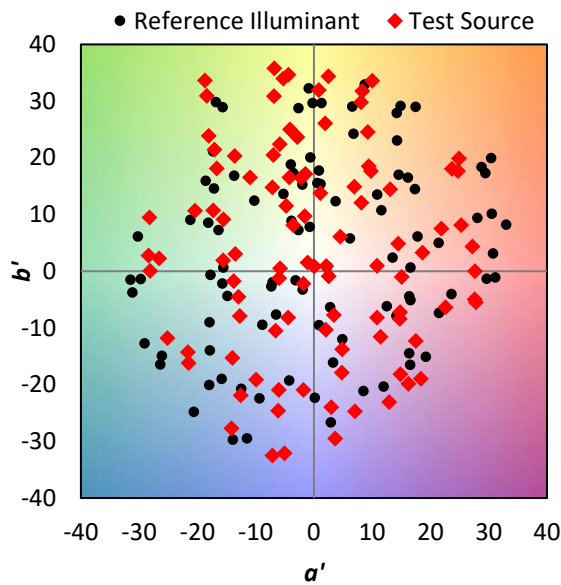
TM-30-18

Summary

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



Color Vector Graphics

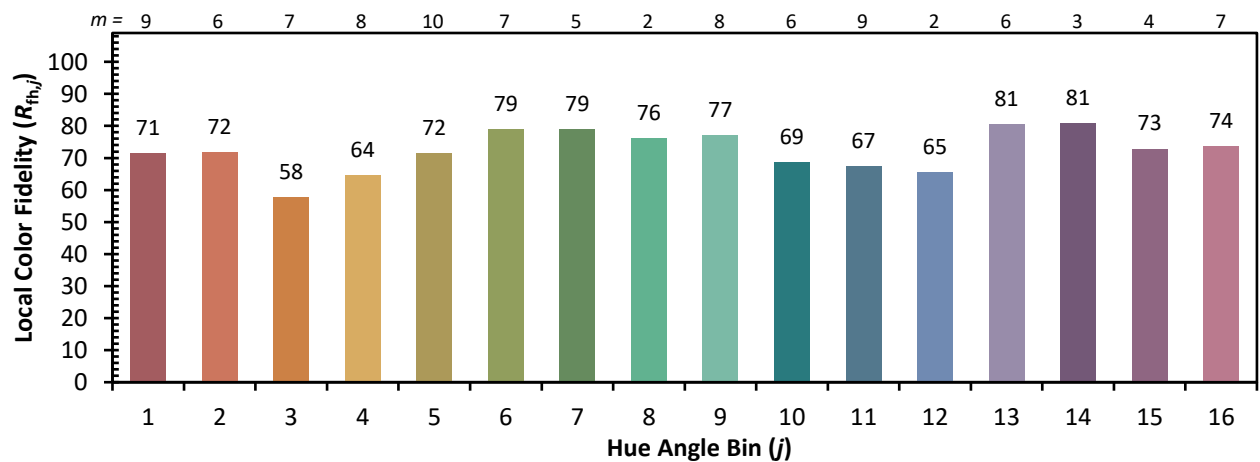


Individual Sample Fidelity Index ($R_{f,i}$)

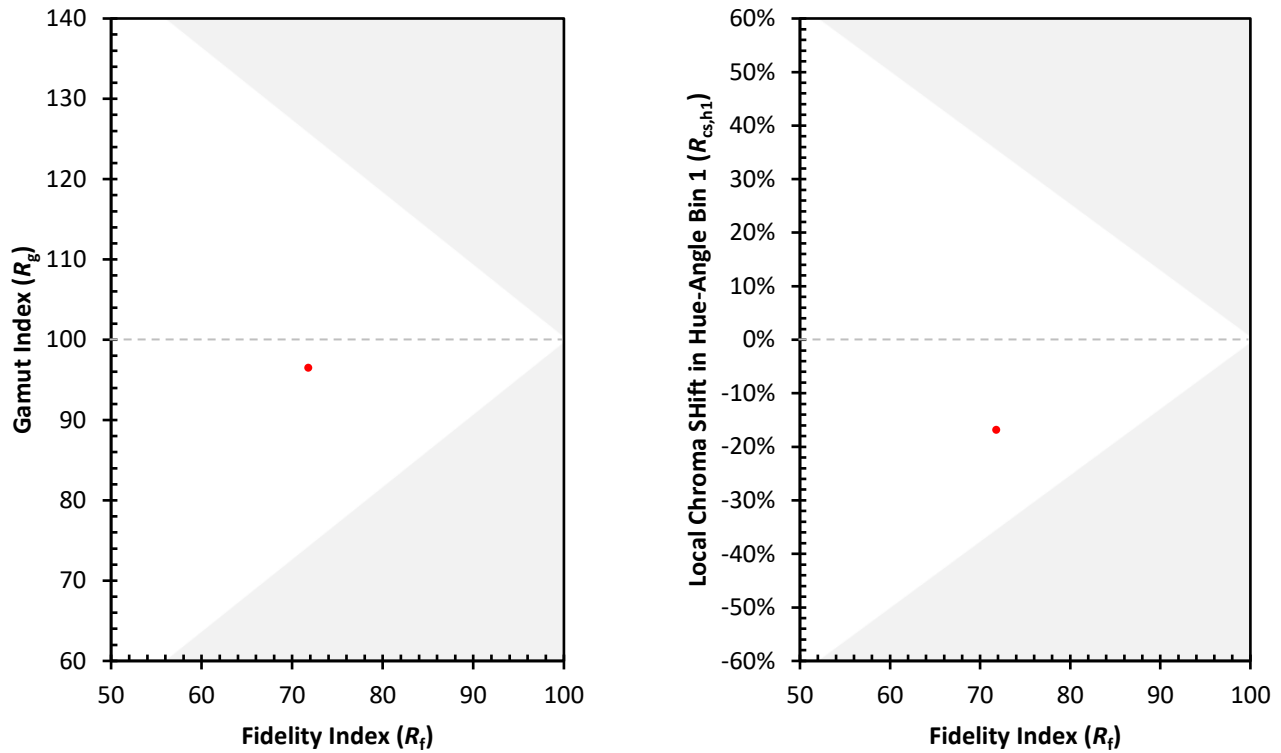
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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)