

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: P1067409

Luminaire Tested: **NAV-SA6A-740-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067409
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-740-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21335.8 lumens
Efficiency: N/A
Efficacy: 132.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - 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

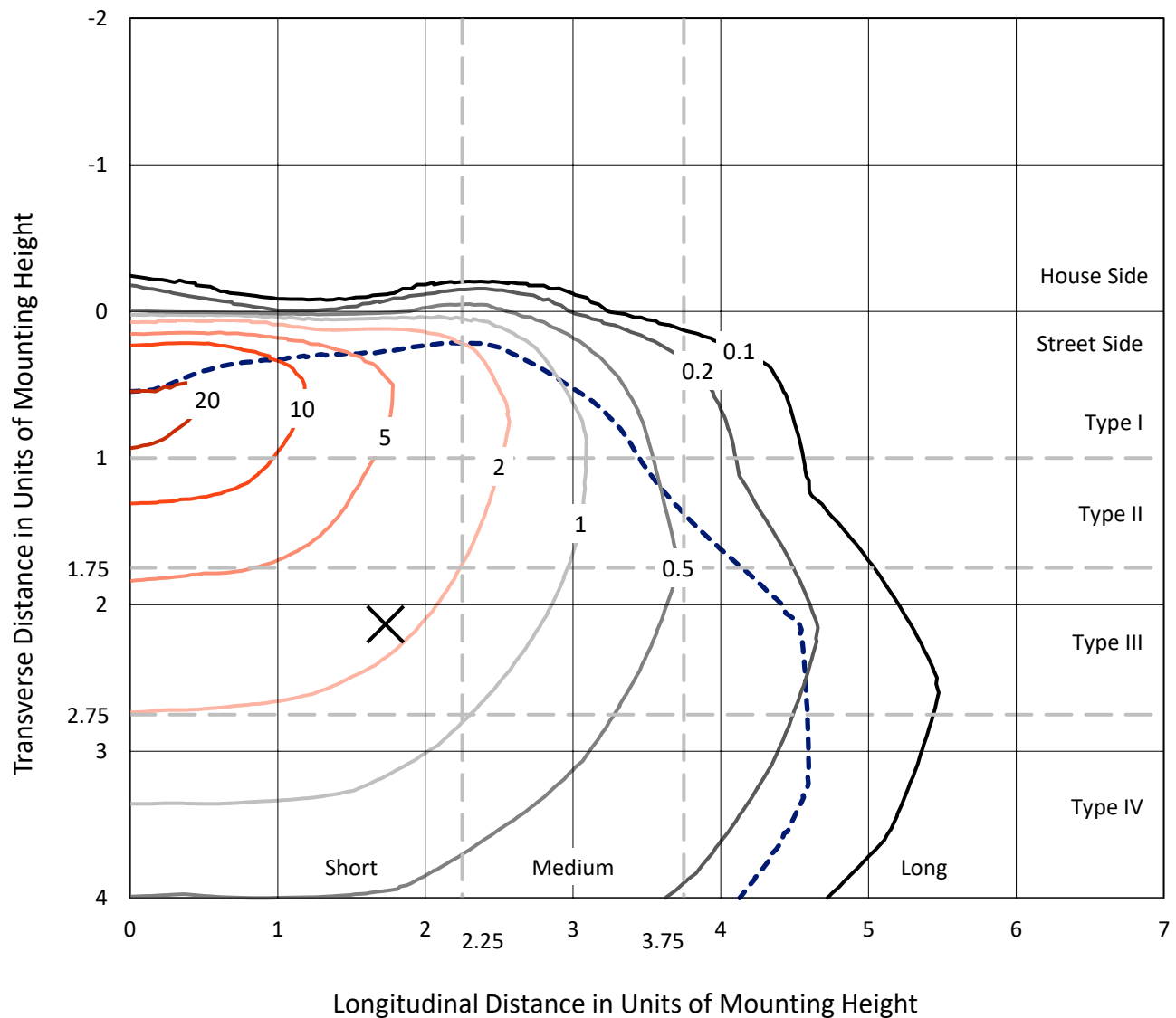


REPORT NUMBER: P1067409

CATALOG NUMBER: NAV-SA6A-740-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

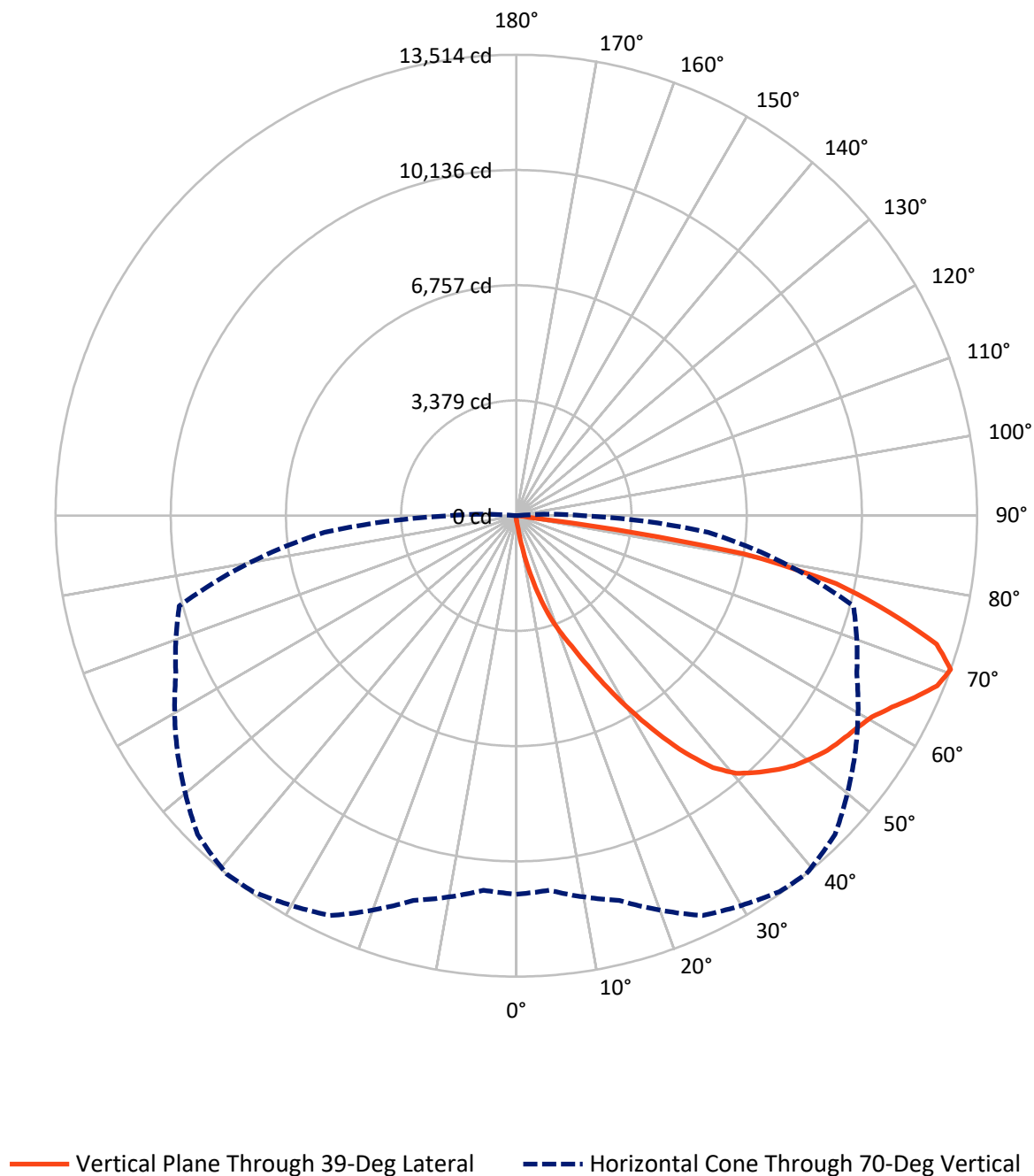


Based on 15 foot mounting height. Maximum calculated value = 23.2 fc
 Type IV - Short - N/A

REPORT NUMBER: P1067409

CATALOG NUMBER: NAV-SA6A-740-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067409

CATALOG NUMBER: NAV-SA6A-740-U-T4BC

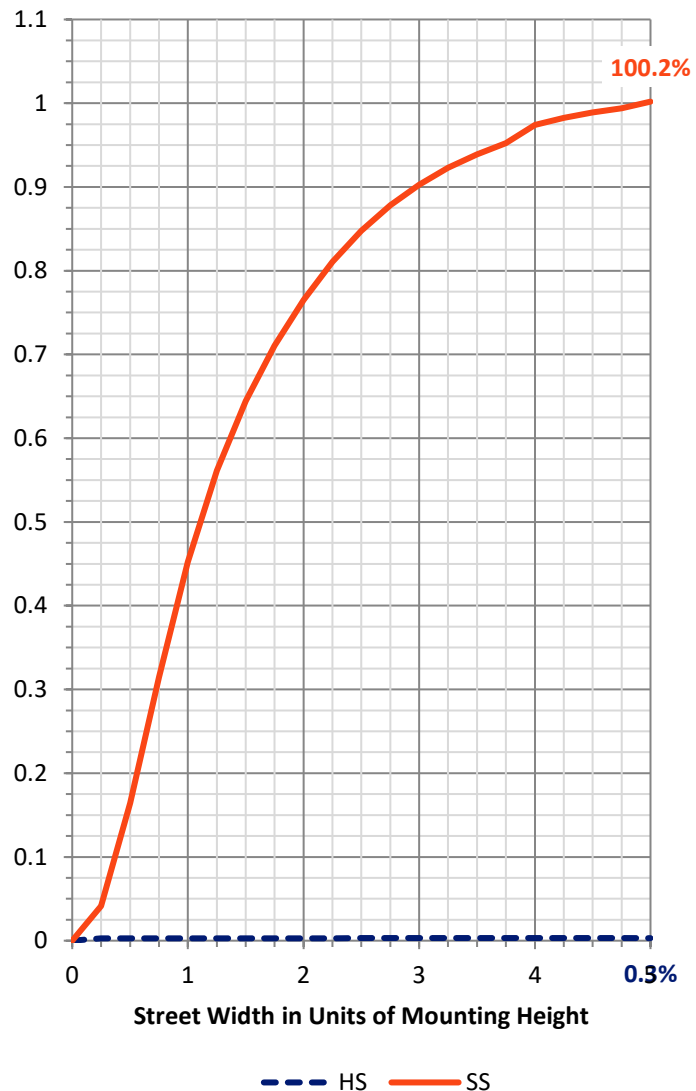
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	65.7	0.0	65.7
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	21270.0	0.0	21270.0
	% Fixture	99.7	0.0	99.7
Total	Lumens	21335.8	0.0	21335.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.4	0.1
10°-20°	262.3	1.2
20°-30°	890.1	4.2
30°-40°	2091.9	9.8
40°-50°	3396.8	15.9
50°-60°	4304.4	20.2
60°-70°	5467.8	25.6
70°-80°	4442.6	20.8
80°-90°	457.4	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°	21335.8	100.0
0°-180°	21335.8	100.0



REPORT NUMBER: P1067409

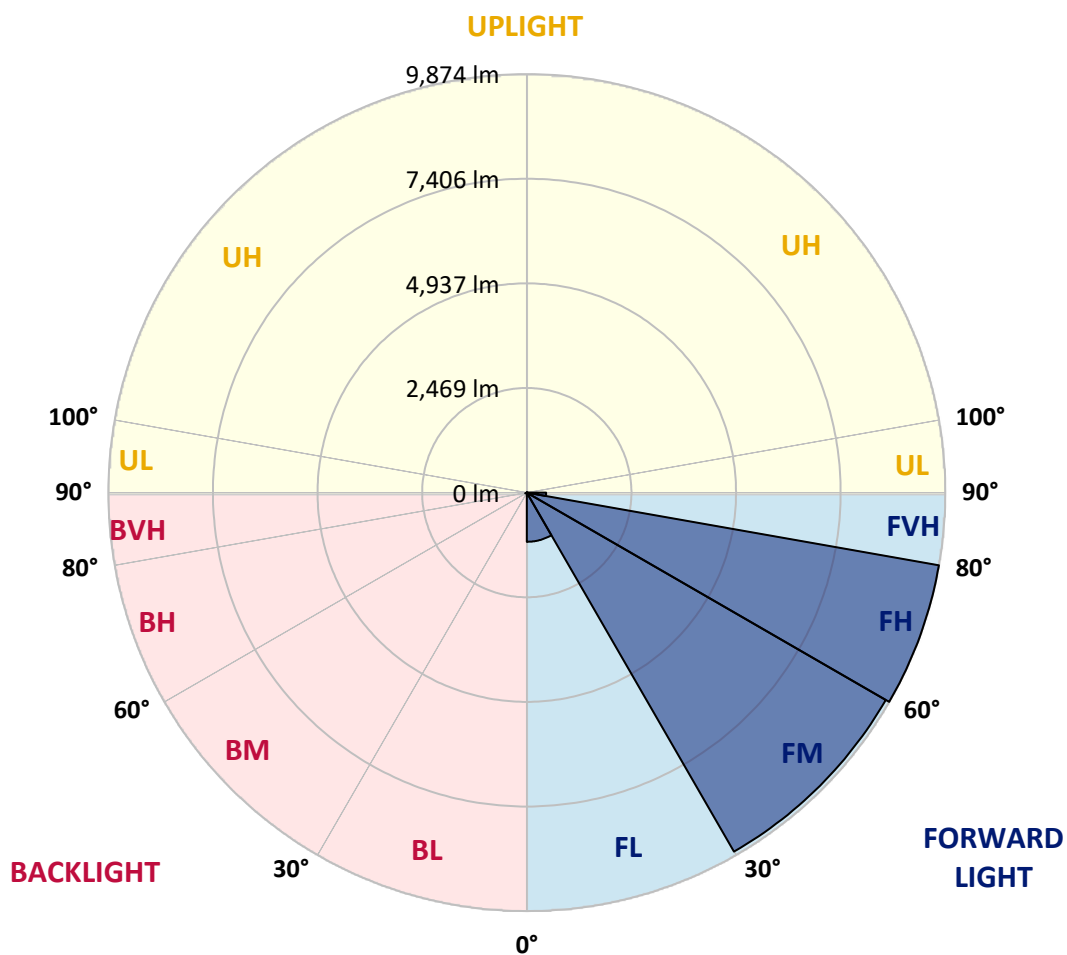
CATALOG NUMBER: NAV-SA6A-740-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1160.6	5.4			
FM	(30°-60°)	9780.5	45.8			
FH	(60°-80°)	9874.2	46.3			G4/12000
FVH	(80°-90°)	454.7	2.1			G3/500
BL	(0°-30°)	14.2	0.1	B0/110		
BM	(30°-60°)	12.6	0.1	B0/220		
BH	(60°-80°)	36.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	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





REPORT NUMBER: P1067409

CATALOG NUMBER: NAV-SA6A-740-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
2.5°	150.6	150.6	150.6	144.8	144.8	139.0	139.0	133.2	127.4	127.4	121.6
5°	283.8	289.6	272.3	237.5	214.3	202.7	191.2	162.2	144.8	133.2	121.6
7.5°	776.2	753.0	718.3	602.4	463.4	393.9	336.0	237.5	173.8	139.0	121.6
10°	1633.5	1569.8	1471.3	1314.9	1042.7	932.6	724.1	434.4	243.3	156.4	121.6
12.5°	2398.1	2409.7	2288.1	2137.5	1807.3	1621.9	1338.1	816.8	382.3	185.4	121.6
15°	2977.4	2965.8	2919.5	2797.8	2502.4	2322.8	2068.0	1372.8	643.0	231.7	127.4
17.5°	3435.0	3388.7	3371.3	3319.2	3128.0	3029.5	2751.5	2021.6	1019.5	312.8	133.2
20°	3892.6	3881.0	3863.7	3805.7	3678.3	3608.8	3394.5	2676.2	1517.7	446.0	144.8
22.5°	4558.8	4495.0	4506.6	4379.2	4274.9	4153.3	3979.5	3371.3	2091.1	637.2	162.2
25°	5340.8	5335.0	5242.3	5184.4	5010.6	4877.4	4645.7	4043.2	2728.3	921.0	179.6
27.5°	6261.8	6198.1	6157.5	6059.0	5879.5	5728.9	5410.3	4709.4	3417.6	1239.6	202.7
30°	7223.4	7223.4	7148.1	6997.4	6823.7	6638.3	6313.9	5410.3	4101.2	1645.1	231.7
32.5°	8347.1	8370.3	8184.9	7959.0	7733.1	7605.7	7182.8	6203.9	4755.7	2108.5	266.5
35°	9436.1	9407.2	9100.2	8851.1	8683.1	8544.1	8184.9	7072.7	5497.2	2647.2	312.8
37.5°	10478.8	10403.5	9893.7	9540.4	9465.1	9372.4	9013.3	7941.6	6232.8	3243.8	370.7
40°	11226.0	11110.2	10583.1	10096.5	9986.4	9934.3	9656.2	8729.4	7009.0	3910.0	446.0
42.5°	11550.4	11417.2	11052.3	10658.4	10415.1	10293.4	10050.1	9372.4	7785.2	4651.4	556.1
45°	11614.1	11509.9	11249.2	11156.5	10826.3	10641.0	10310.8	9830.0	8509.3	5387.1	706.7
47.5°	11382.4	11336.1	11179.7	11376.6	11208.7	10953.8	10554.1	10171.8	9152.3	6279.2	915.2
50°	10814.8	10780.0	10855.3	11370.8	11486.7	11197.1	10820.6	10438.2	9708.4	7200.2	1210.7
52.5°	10050.1	10044.3	10397.7	11220.2	11608.3	11428.8	11081.2	10704.7	10148.6	8092.2	1627.7
55°	9216.0	9314.5	9934.3	11081.2	11677.9	11596.8	11336.1	10942.2	10542.5	8920.6	2299.7
57.5°	9146.5	9105.9	9702.6	11023.3	11718.4	11764.7	11591.0	11191.3	10878.5	9598.3	3197.5
60°	9841.6	9748.9	9974.8	11144.9	11898.0	11979.1	11845.8	11382.4	11214.4	10131.2	4379.2
62.5°	10646.8	10559.9	10675.7	11614.1	12251.3	12367.2	12199.2	11579.4	11486.7	10502.0	5647.8
65°	11289.8	11220.2	11440.4	12315.0	12743.7	12842.2	12726.3	11944.3	11608.3	10803.2	6678.9
67.5°	11394.0	11307.1	11764.7	12784.2	13241.9	13311.4	13218.7	12297.7	11567.8	10826.3	6916.3
70°	11098.6	11023.3	11677.9	12934.8	13456.2	13514.1	13218.7	12129.7	11017.5	10235.5	5653.6
72.5°	10189.2	10247.1	11092.8	12569.9	13160.8	12894.3	12268.7	11284.0	10305.0	8677.3	3967.9
75°	8775.8	8839.5	9963.2	11567.8	11614.1	11289.8	10953.8	10380.3	9221.8	5717.3	2751.5
77.5°	6238.6	6012.7	7692.6	9552.0	9384.0	9592.5	9621.5	8636.7	7721.5	2977.4	1842.0
80°	614.0	521.3	967.4	2739.9	6053.3	6765.7	7043.8	6655.7	5694.1	1332.3	967.4
82.5°	133.2	133.2	144.8	156.4	243.3	364.9	1674.1	4101.2	3678.3	677.7	312.8
85°	75.3	75.3	92.7	110.1	144.8	162.2	191.2	254.9	990.5	243.3	57.9
87.5°	57.9	63.7	75.3	92.7	121.6	133.2	162.2	202.7	249.1	225.9	17.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1067409

CATALOG NUMBER: NAV-SA6A-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
2.5°	121.6	115.9	110.1	104.3	98.5	98.5	92.7	92.7	92.7	92.7	92.7
5°	115.9	110.1	104.3	92.7	86.9	81.1	75.3	75.3	75.3	75.3	75.3
7.5°	115.9	110.1	98.5	86.9	75.3	69.5	63.7	57.9	57.9	63.7	63.7
10°	115.9	104.3	86.9	75.3	63.7	57.9	52.1	46.3	46.3	46.3	46.3
12.5°	110.1	98.5	81.1	69.5	57.9	46.3	34.8	29.0	29.0	29.0	29.0
15°	104.3	92.7	75.3	57.9	40.5	29.0	23.2	17.4	17.4	17.4	17.4
17.5°	104.3	86.9	69.5	52.1	29.0	17.4	11.6	5.8	5.8	5.8	11.6
20°	104.3	86.9	63.7	40.5	17.4	11.6	11.6	5.8	0.0	5.8	5.8
22.5°	104.3	81.1	52.1	29.0	17.4	11.6	5.8	0.0	0.0	0.0	0.0
25°	110.1	81.1	46.3	23.2	11.6	5.8	0.0	0.0	0.0	0.0	0.0
27.5°	110.1	75.3	40.5	17.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	115.9	75.3	34.8	11.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	115.9	69.5	23.2	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	115.9	63.7	17.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	115.9	57.9	17.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	121.6	52.1	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	127.4	46.3	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	133.2	40.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	150.6	40.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	173.8	40.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	208.5	40.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	272.3	34.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	393.9	34.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	660.4	34.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1158.5	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1957.9	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2554.5	40.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1940.5	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	926.8	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	411.3	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	179.6	17.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	69.5	11.6	5.8	5.8	5.8	5.8	0.0	0.0	0.0	0.0	0.0
82.5°	29.0	11.6	5.8	5.8	5.8	5.8	5.8	0.0	0.0	0.0	0.0
85°	17.4	11.6	11.6	11.6	5.8	5.8	5.8	0.0	0.0	0.0	0.0
87.5°	11.6	11.6	11.6	11.6	11.6	5.8	5.8	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

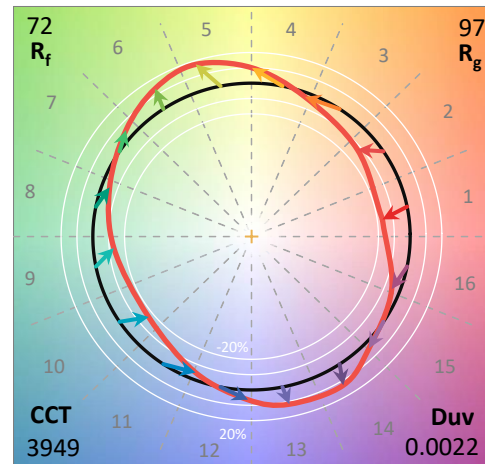
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

REPORT NUMBER: SP1-2407-184-1

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			

REPORT NUMBER: SP1-2407-184-1

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			

REPORT NUMBER: SP1-2407-184-1

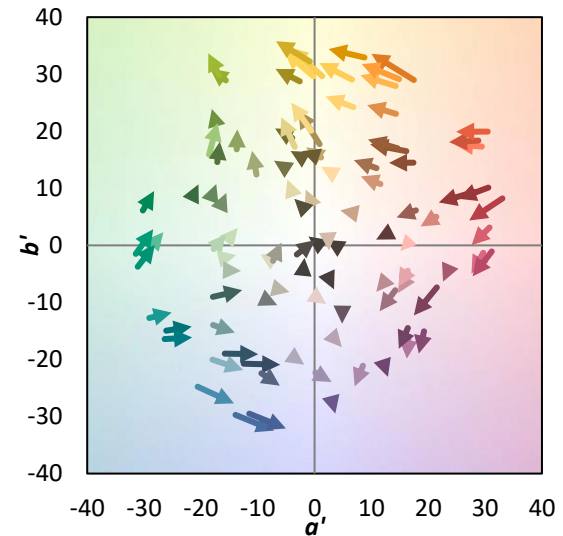
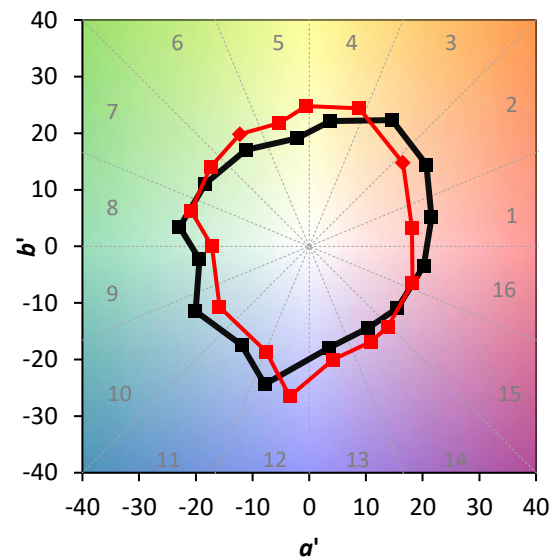
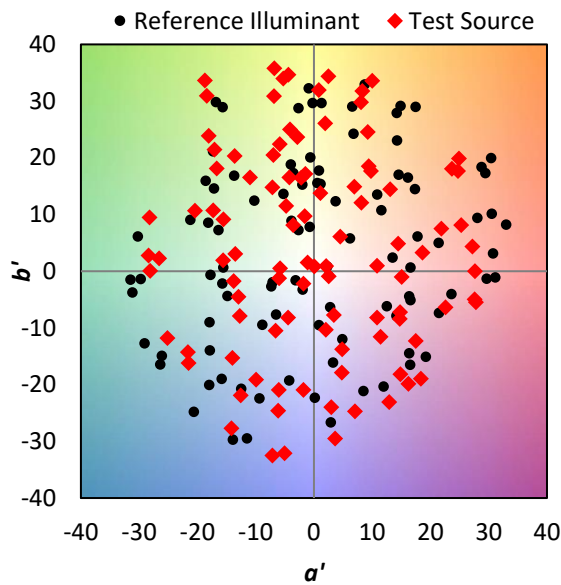
TM-30-18

Summary

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



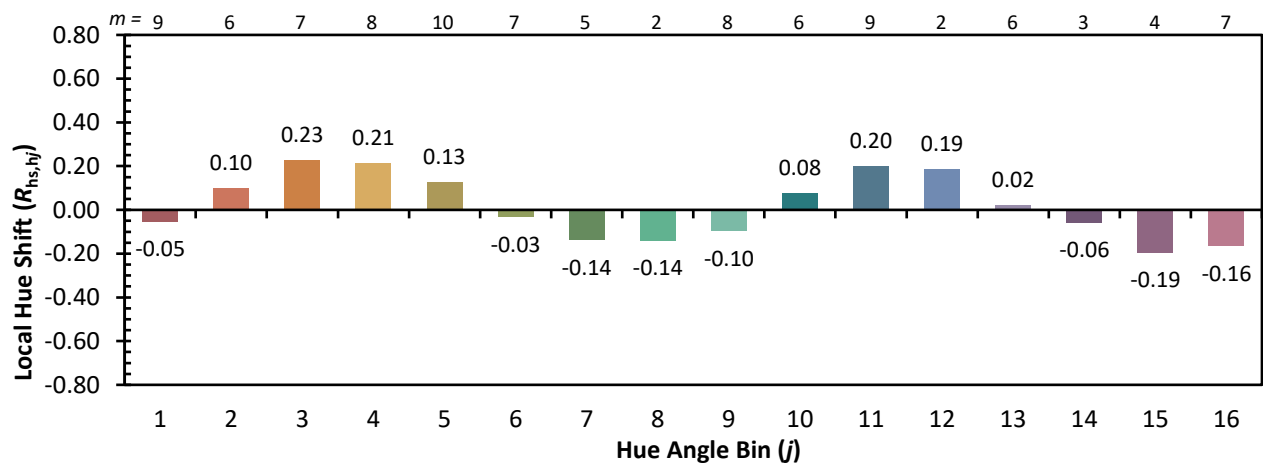
Color Vector Graphics

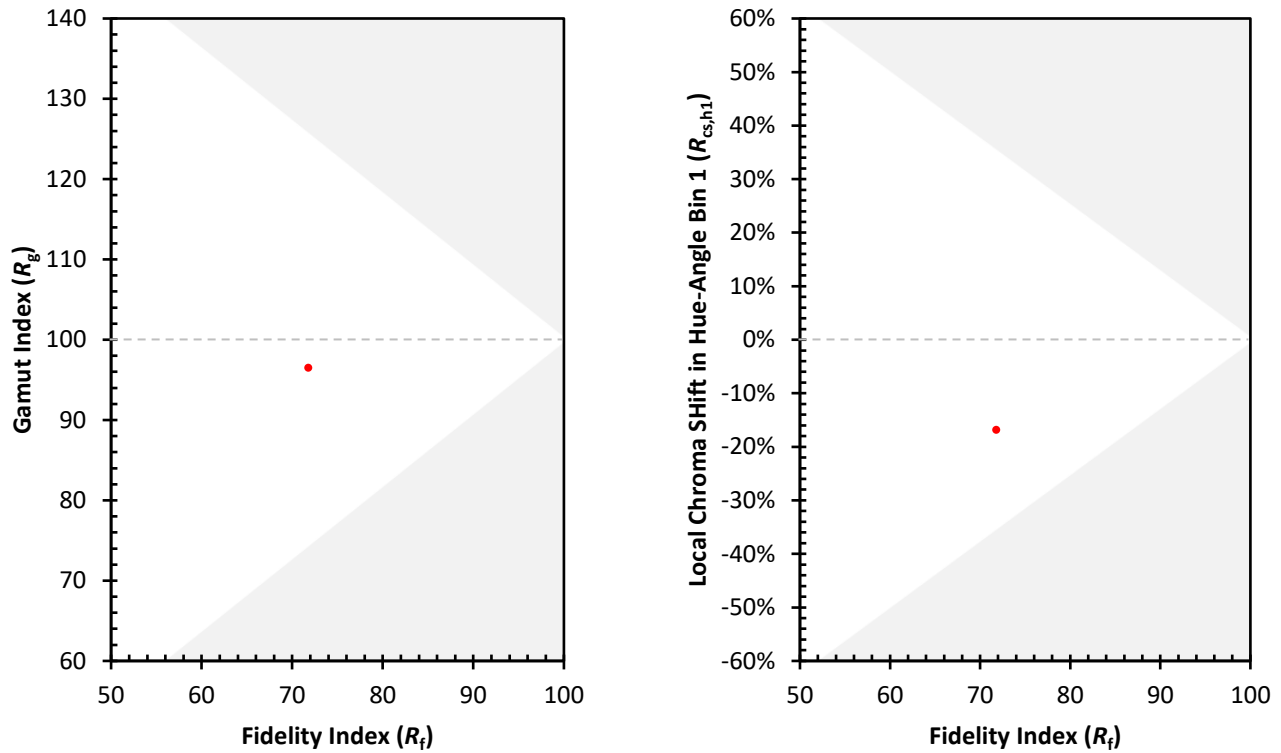


Individual Sample Fidelity Index ($R_{f,i}$)

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)