

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: P1067121

Luminaire Tested: **NAV-SA6A-830-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067121
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-830-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17741.3 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - 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

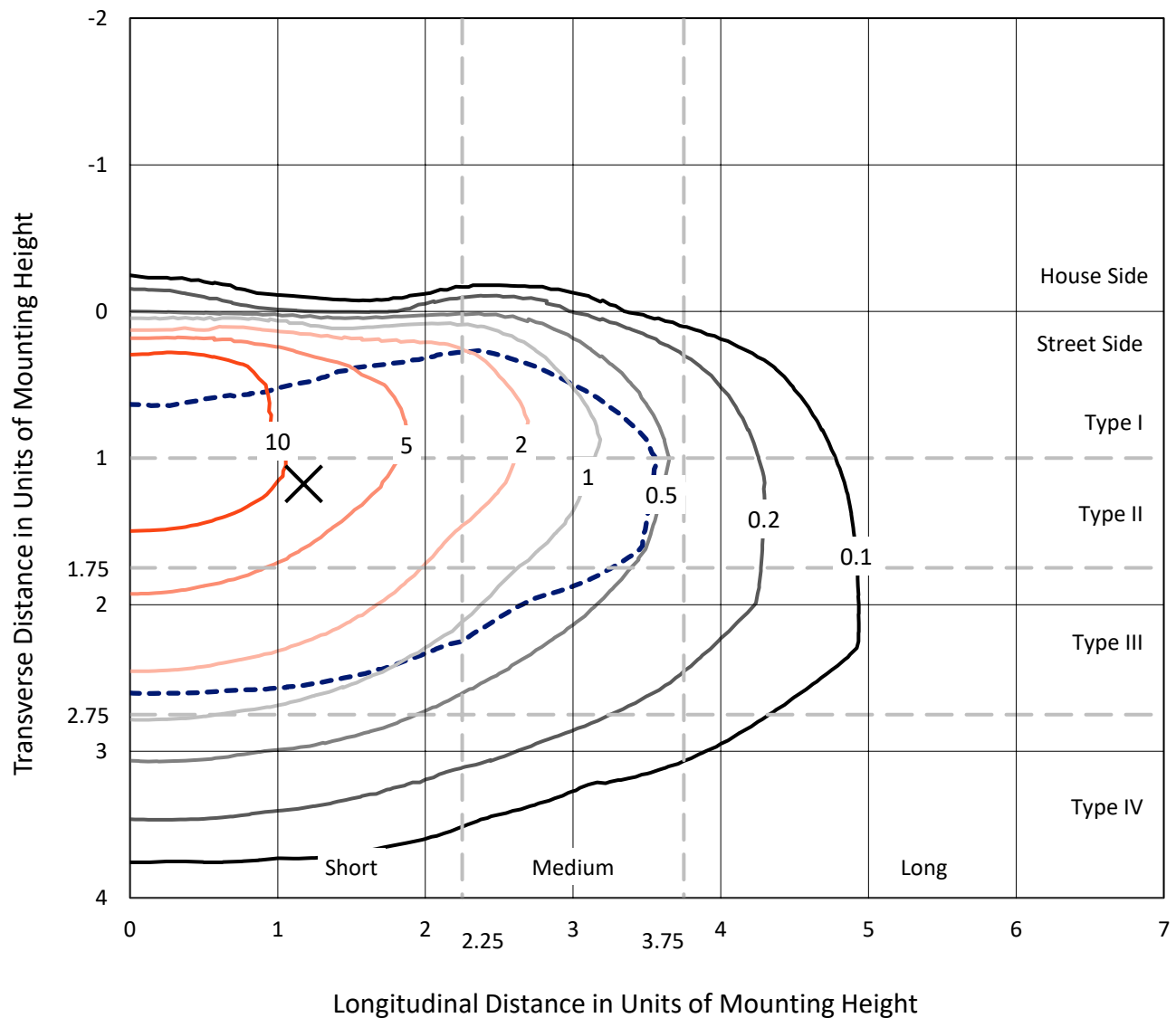


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

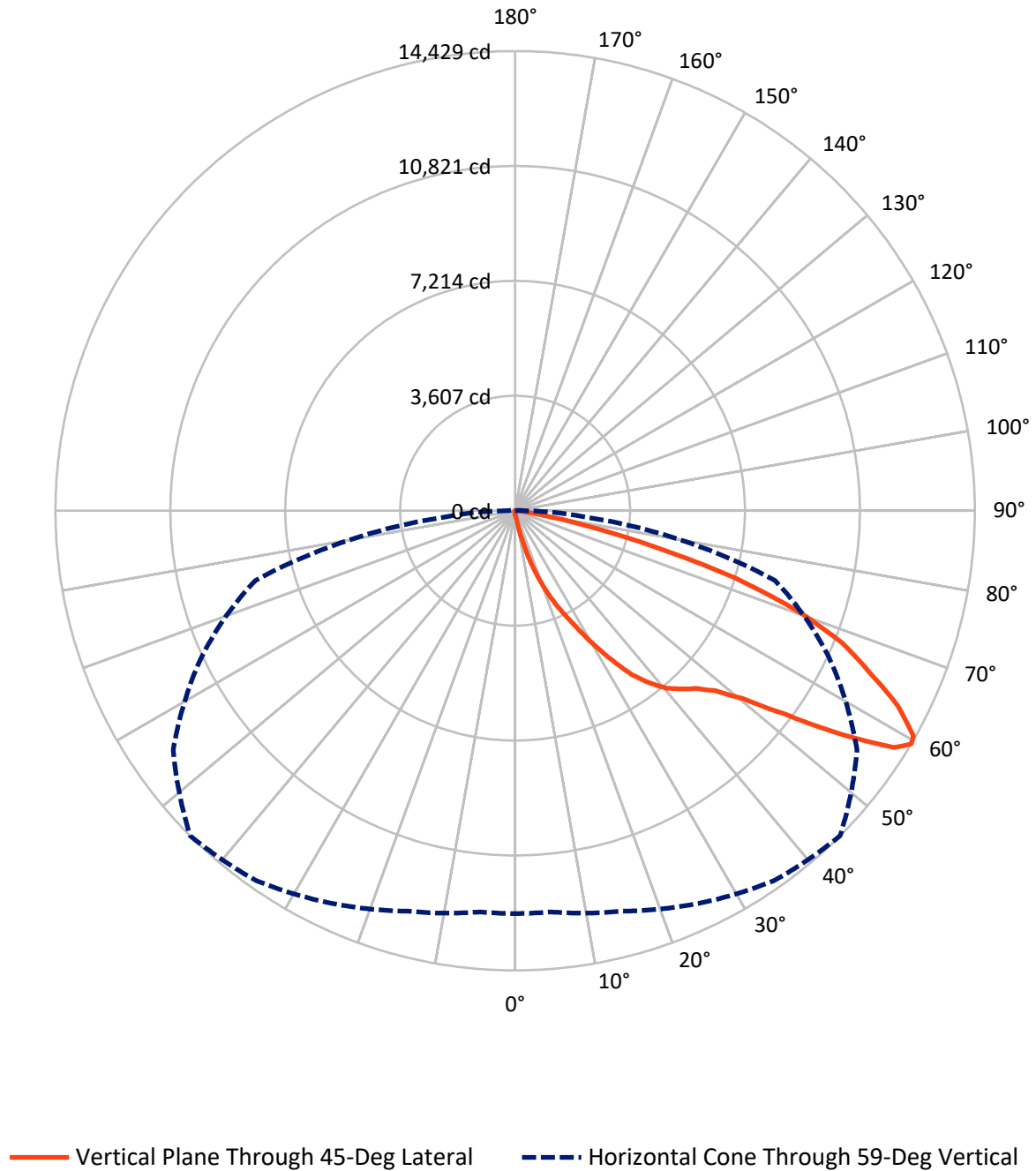


Based on 15 foot mounting height. Maximum calculated value = 19.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA6A-830-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	63.0	0.0	63.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17678.3	0.0	17678.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	17741.3	0.0	17741.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	0.1
10°-20°	196.1	1.1
20°-30°	704.6	4.0
30°-40°	1637.3	9.2
40°-50°	2790.6	15.7
50°-60°	4598.2	25.9
60°-70°	5316.5	30.0
70°-80°	2284.2	12.9
80°-90°	197.4	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°	17741.3	100.0
0°-180°	17741.3	100.0



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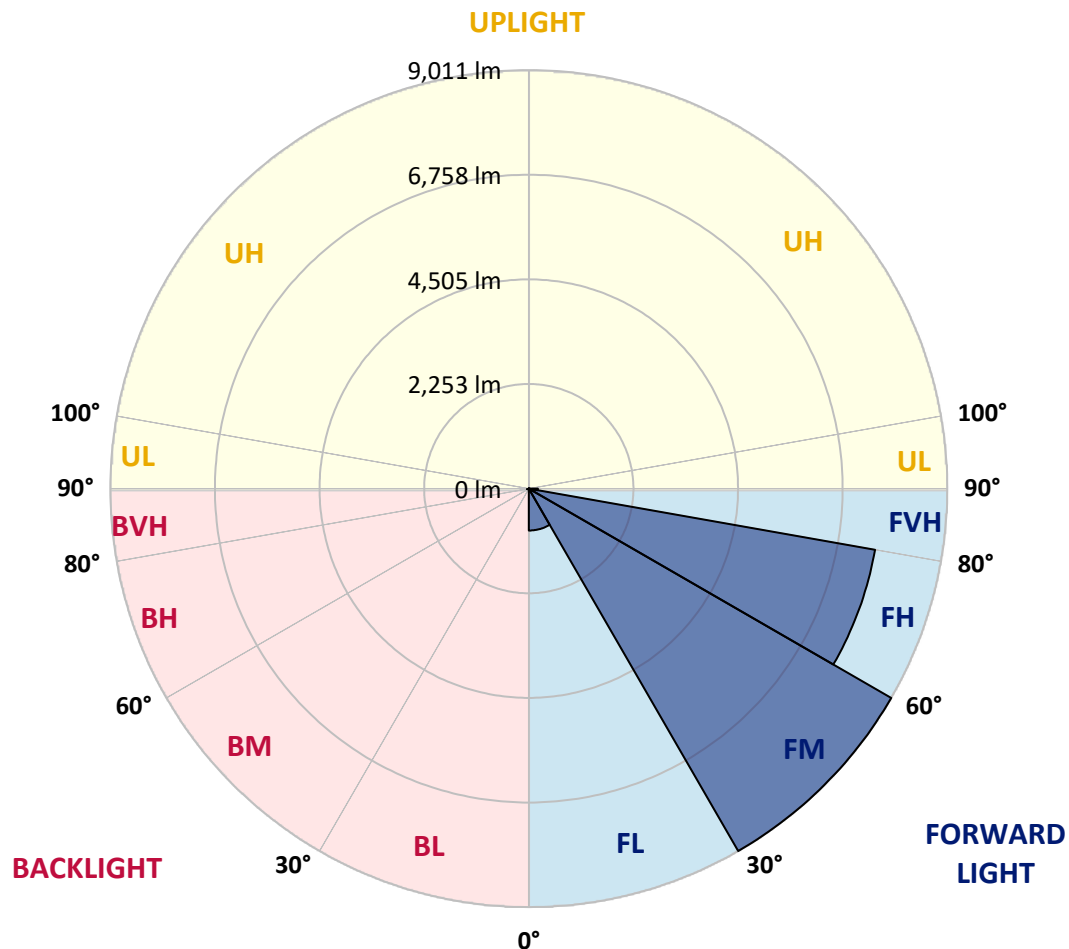
CATALOG NUMBER: NAV-SA6A-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	901.6	5.1			
FM	(30°-60°)	9010.8	50.8			
FH	(60°-80°)	7571.0	42.7			G4/12000
FVH	(80°-90°)	194.8	1.1			G2/225
BL	(0°-30°)	15.5	0.1	B0/110		
BM	(30°-60°)	15.2	0.1	B0/220		
BH	(60°-80°)	29.6	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 III Short



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CATALOG NUMBER: NAV-SA6A-830-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1
2.5°	145.5	145.5	142.0	137.2	136.0	132.4	132.4	128.8	124.1	120.5	115.7
5°	211.1	210.0	200.4	188.5	173.0	163.4	163.4	150.3	138.4	127.6	118.1
7.5°	461.7	450.9	416.3	359.1	283.9	233.8	230.2	187.3	158.7	137.2	119.3
10°	1059.3	1022.3	973.4	836.2	617.9	431.8	423.5	273.2	189.7	147.9	121.7
12.5°	1735.7	1765.5	1667.7	1451.8	1196.5	889.9	830.3	460.5	250.5	162.2	124.1
15°	2351.3	2344.1	2289.2	2112.7	1818.0	1410.0	1373.1	800.5	359.1	184.9	126.5
17.5°	2811.7	2803.4	2750.9	2637.6	2410.9	2002.9	1970.7	1276.4	563.1	217.1	128.8
20°	3297.3	3286.5	3212.6	3121.9	2923.9	2576.7	2538.6	1808.5	881.6	269.6	128.8
22.5°	3879.4	3859.1	3780.4	3626.5	3417.7	3115.9	3081.3	2352.5	1276.4	355.5	134.8
25°	4583.2	4548.6	4440.1	4301.7	4050.0	3649.2	3612.2	2958.5	1752.4	485.5	140.8
27.5°	5386.1	5392.0	5245.3	5011.5	4673.9	4264.7	4195.5	3501.2	2245.1	671.6	147.9
30°	6339.2	6279.6	6073.2	5801.2	5473.2	4951.8	4885.0	4041.6	2798.6	946.0	159.9
32.5°	7231.5	7167.1	6889.2	6546.8	6194.9	5644.9	5590.1	4648.8	3302.0	1270.5	181.3
35°	7997.4	7952.1	7563.2	7145.6	6833.1	6341.6	6324.9	5326.4	3893.7	1620.0	205.2
37.5°	8671.4	8589.1	8089.2	7656.2	7338.9	6898.7	6862.9	5946.7	4463.9	2025.6	241.0
40°	9246.4	9201.1	8591.5	8022.4	7764.8	7371.1	7325.8	6490.7	5053.2	2496.8	285.1
42.5°	9861.9	9802.3	9210.6	8572.4	8097.6	7676.5	7646.7	6939.3	5578.1	3014.5	350.7
45°	10557.4	10446.5	9927.5	9354.9	8633.2	7992.6	7959.2	7338.9	6116.1	3570.4	430.6
47.5°	11300.6	11204.0	10784.1	10382.0	9551.8	8513.9	8442.3	7678.9	6650.6	4212.2	532.0
50°	12056.9	12059.3	11744.4	11551.1	10674.3	9360.9	9259.5	8178.7	7212.4	4899.4	682.4
52.5°	12937.3	12960.0	12955.2	12812.0	12132.1	10745.9	10609.9	8937.4	7865.0	5701.0	889.9
55°	13305.9	13346.5	13610.1	13927.4	13742.5	12501.9	12356.3	10246.1	8729.8	6594.5	1197.7
57.5°	13004.1	13049.4	13413.3	13969.2	14393.9	14039.6	14022.9	11949.6	9869.1	7677.7	1701.1
59°	12645.0	12639.1	13012.5	13601.8	14174.4	14404.6	14428.5	13101.9	10861.6	8437.6	2135.3
60°	12406.4	12411.2	12659.3	13264.2	13872.6	14272.2	14365.2	13780.7	11441.4	8983.9	2507.5
62.5°	11485.5	11540.4	11737.2	12299.1	12876.5	13322.6	13481.3	14385.5	13100.7	10274.7	3801.9
65°	10484.6	10488.2	10768.6	11249.3	11802.8	12116.6	12216.8	13444.3	14209.0	11589.3	5499.4
67.5°	8698.8	8771.6	9090.1	9869.1	10600.4	10997.6	11073.9	11702.6	13749.7	12445.8	6350.0
70°	6087.5	6182.9	6637.4	7647.9	8737.0	9389.5	9384.8	9728.3	12101.1	12064.1	5383.7
72.5°	3039.6	3204.2	3575.2	4657.2	5976.6	7001.3	7217.2	7825.6	9721.2	10020.6	4016.6
75°	1343.2	1352.8	1563.9	2109.1	2970.4	4271.9	4465.1	6211.6	7458.2	6964.3	2901.2
77.5°	781.4	788.5	826.7	947.2	1203.7	2093.6	2310.7	4073.8	5270.4	4047.6	1892.0
80°	283.9	291.1	289.9	359.1	527.3	824.3	918.6	1974.3	3515.6	2131.8	991.3
82.5°	174.2	174.2	168.2	169.4	192.1	316.1	345.9	841.0	1711.9	1049.8	283.9
85°	85.9	90.7	96.6	108.6	128.8	156.3	165.8	241.0	576.2	254.1	68.0
87.5°	51.3	52.5	57.3	69.2	85.9	112.1	119.3	163.4	206.4	170.6	16.7
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°	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1	112.1
2.5°	113.3	112.1	106.2	101.4	96.6	91.9	88.3	84.7	84.7	85.9	84.7
5°	113.3	108.6	99.0	90.7	83.5	77.5	71.6	66.8	65.6	65.6	66.8
7.5°	112.1	106.2	93.0	82.3	72.8	64.4	58.5	52.5	51.3	52.5	51.3
10°	110.9	103.8	88.3	75.2	62.0	53.7	45.3	39.4	39.4	39.4	40.6
12.5°	110.9	100.2	83.5	68.0	53.7	44.1	35.8	29.8	28.6	28.6	28.6
15°	109.7	97.8	78.7	59.6	45.3	33.4	26.2	20.3	20.3	20.3	20.3
17.5°	107.4	94.2	72.8	52.5	35.8	25.1	17.9	11.9	11.9	14.3	14.3
20°	105.0	90.7	65.6	42.9	29.8	19.1	11.9	7.2	7.2	10.7	11.9
22.5°	106.2	90.7	60.8	38.2	23.9	14.3	9.5	6.0	4.8	8.4	10.7
25°	107.4	88.3	54.9	33.4	17.9	10.7	7.2	2.4	1.2	2.4	3.6
27.5°	107.4	85.9	47.7	26.2	13.1	8.4	3.6	0.0	0.0	0.0	0.0
30°	106.2	82.3	41.8	21.5	9.5	4.8	1.2	0.0	0.0	0.0	0.0
32.5°	105.0	78.7	38.2	16.7	8.4	2.4	0.0	0.0	0.0	0.0	0.0
35°	106.2	74.0	33.4	13.1	4.8	0.0	0.0	0.0	0.0	0.0	2.4
37.5°	109.7	69.2	28.6	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	114.5	65.6	23.9	8.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	124.1	65.6	21.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	136.0	65.6	17.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	151.5	66.8	15.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	170.6	69.2	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	184.9	66.8	13.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	210.0	64.4	11.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	243.4	60.8	11.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	276.8	56.1	11.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	314.9	53.7	10.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	520.1	47.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1004.4	45.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1623.6	45.3	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1707.1	45.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1135.7	37.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	608.4	33.4	3.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	328.1	31.0	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	144.3	22.7	6.0	3.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	57.3	15.5	7.2	6.0	4.8	2.4	0.0	0.0	0.0	0.0	0.0
85°	27.4	11.9	9.5	8.4	6.0	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	13.1	11.9	10.7	9.5	8.4	6.0	1.2	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

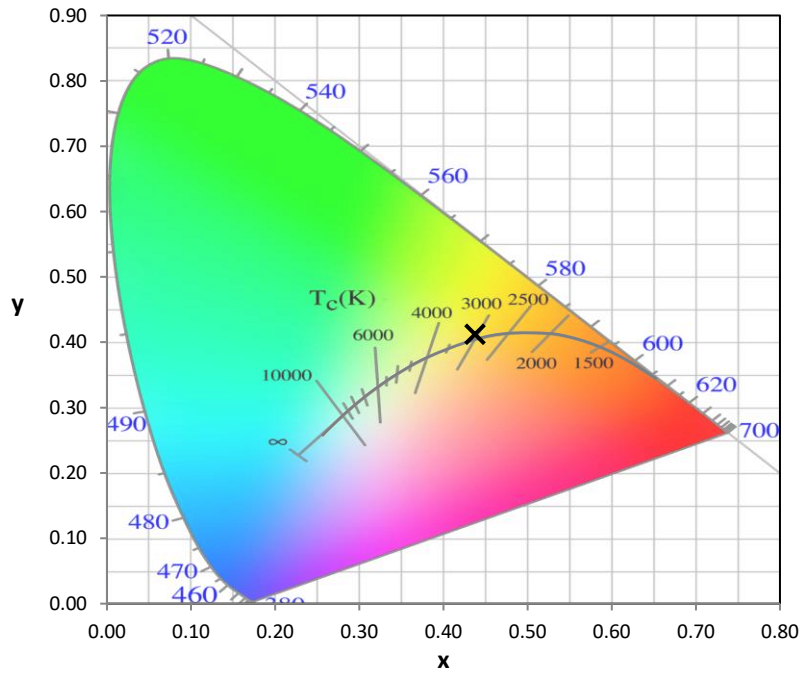
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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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 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

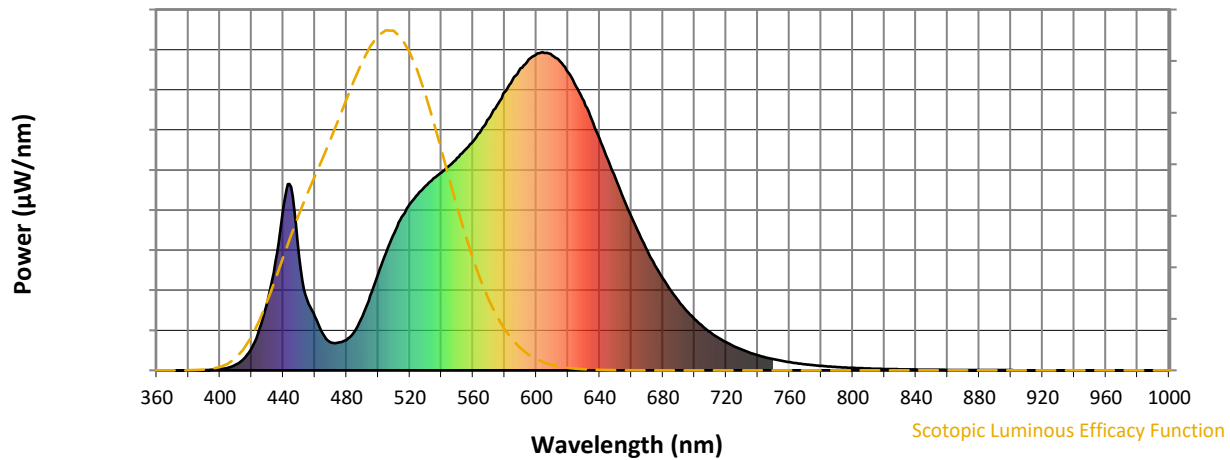


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



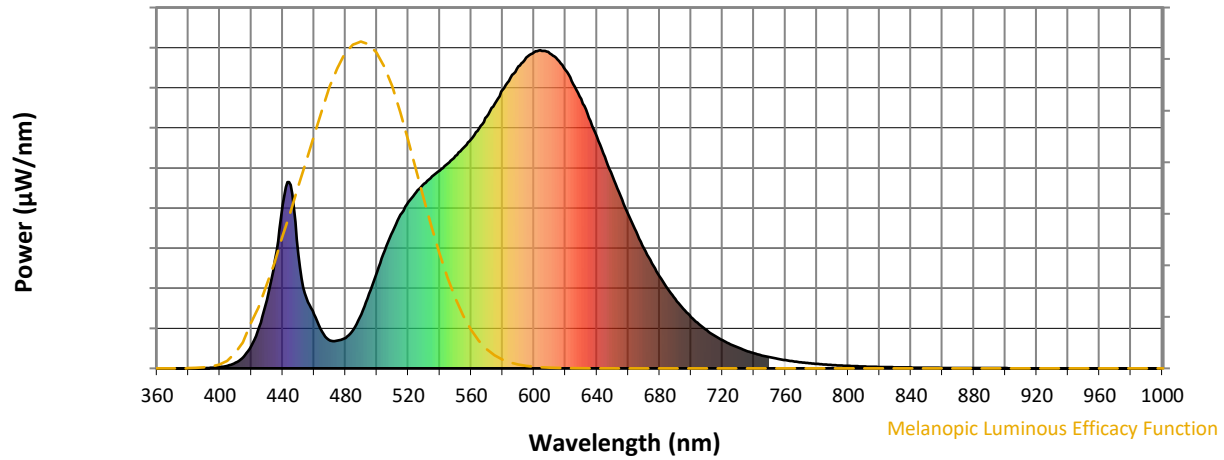
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

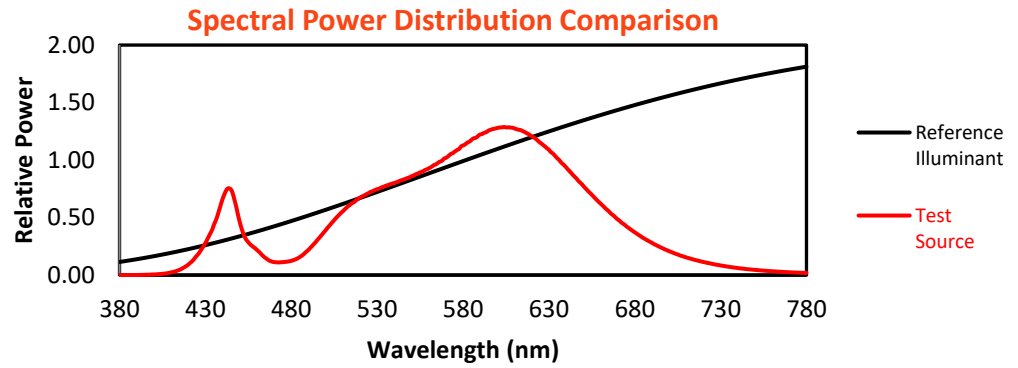
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



Color Vector Graphics

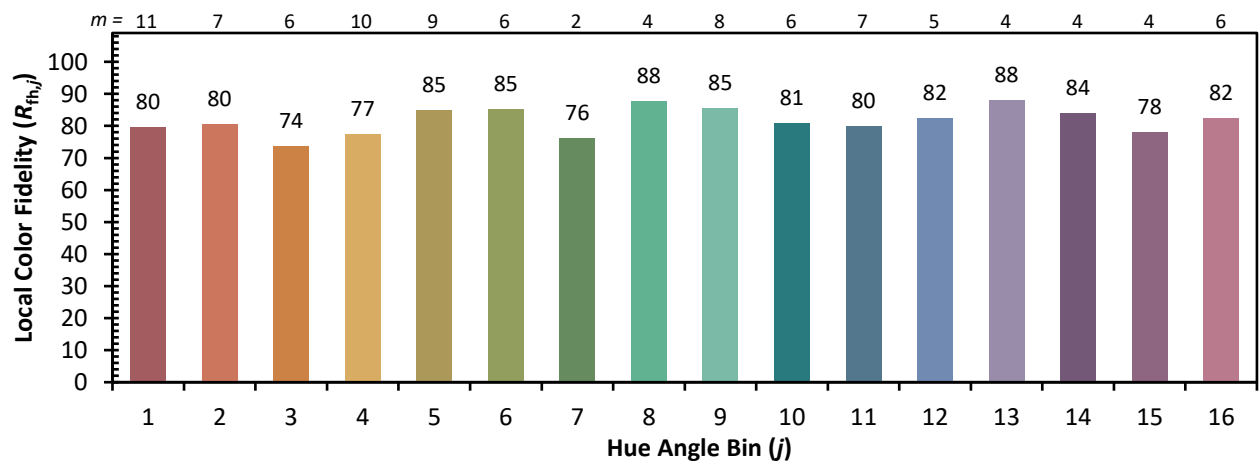
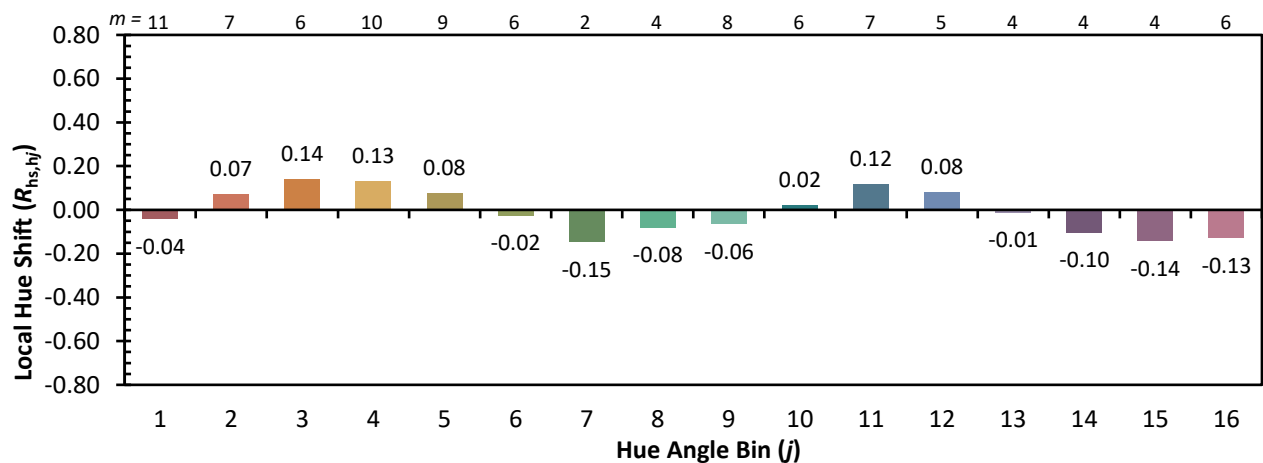


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)