

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: STREETWORKS

Report Number: P1066041

Luminaire Tested: **NVN-SA6A-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066041
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA6A-730-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19170.4 lumens
Efficiency: N/A
Efficacy: 118.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

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

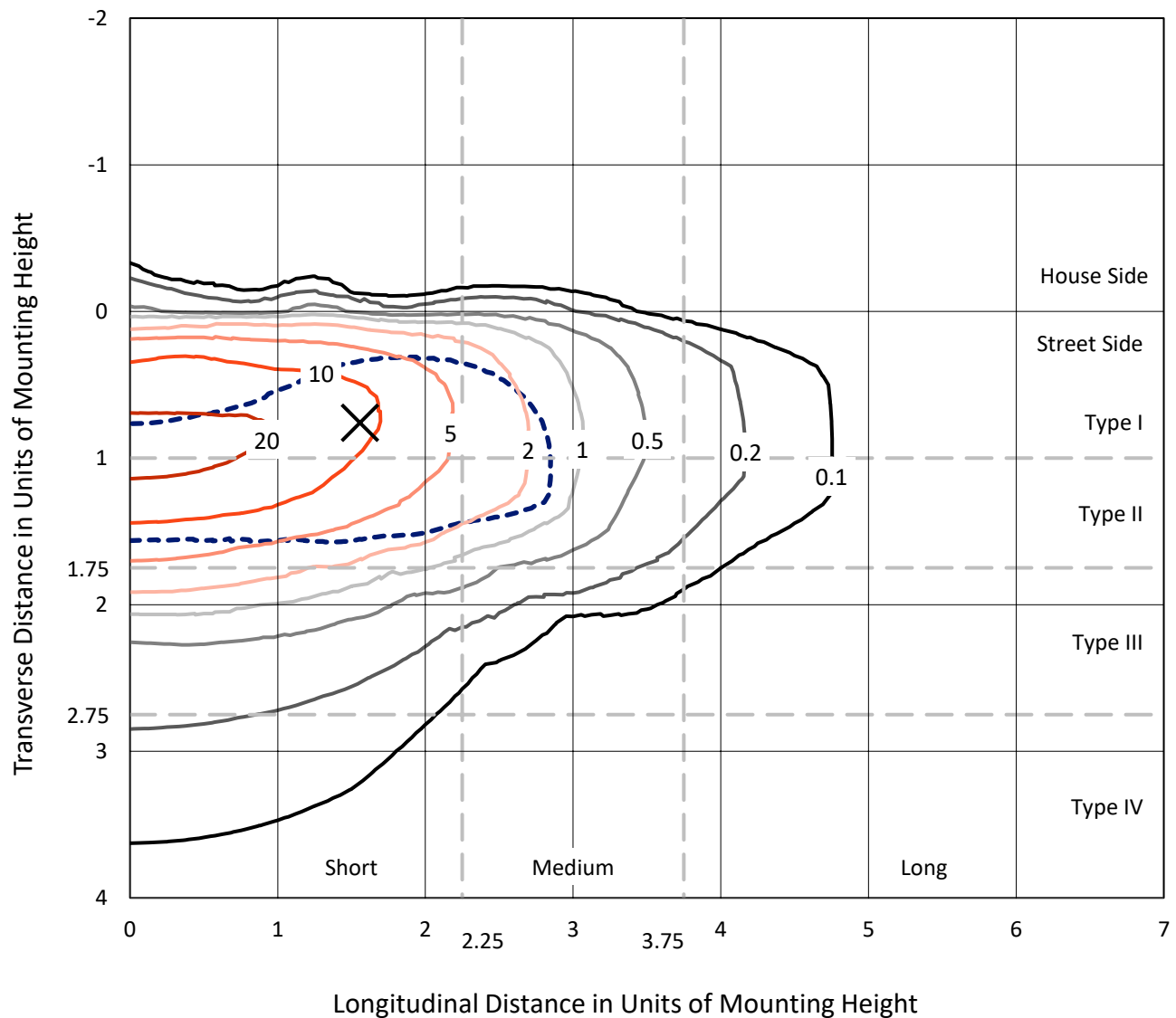


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

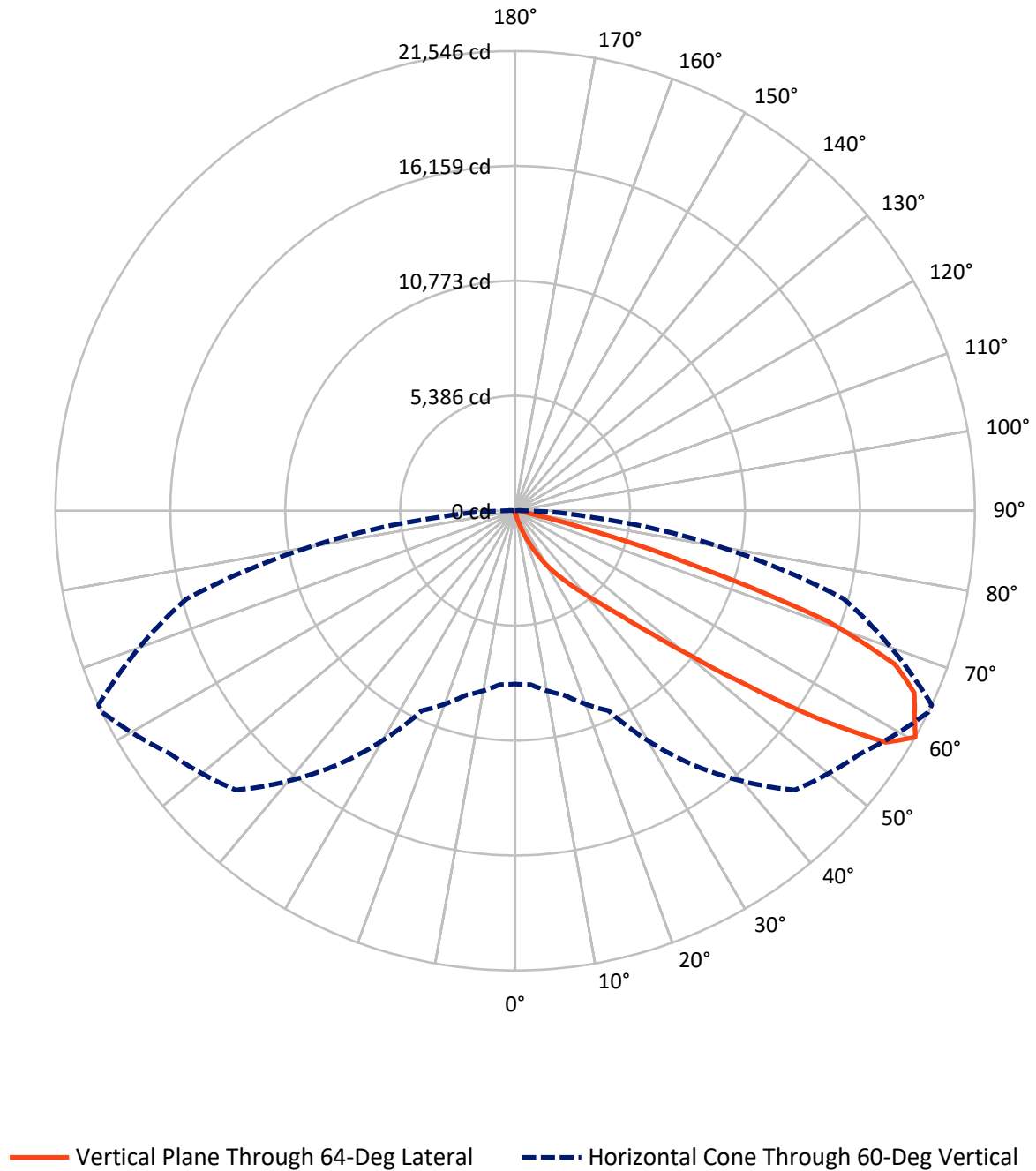


Based on 15 foot mounting height. Maximum calculated value = 27.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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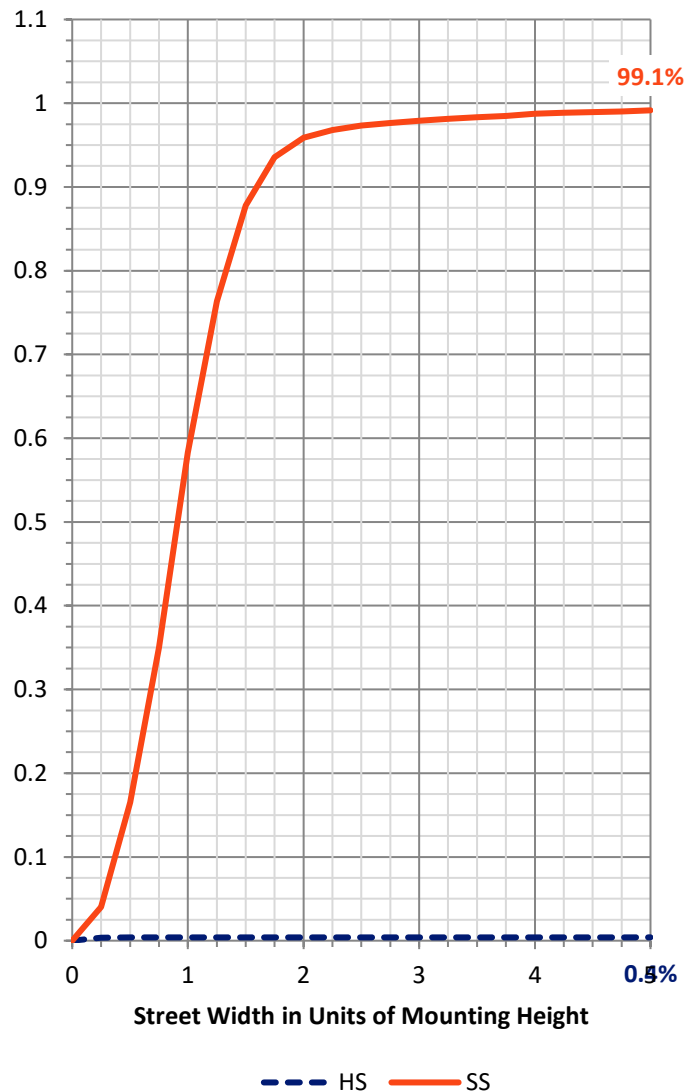
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.7	0.0	77.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19092.7	0.0	19092.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	19170.4	0.0	19170.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	0.1
10°-20°	188.4	1.0
20°-30°	625.7	3.3
30°-40°	1669.5	8.7
40°-50°	4243.4	22.1
50°-60°	6186.0	32.3
60°-70°	4778.1	24.9
70°-80°	1312.1	6.8
80°-90°	148.1	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°	19170.4	100.0
0°-180°	19170.4	100.0



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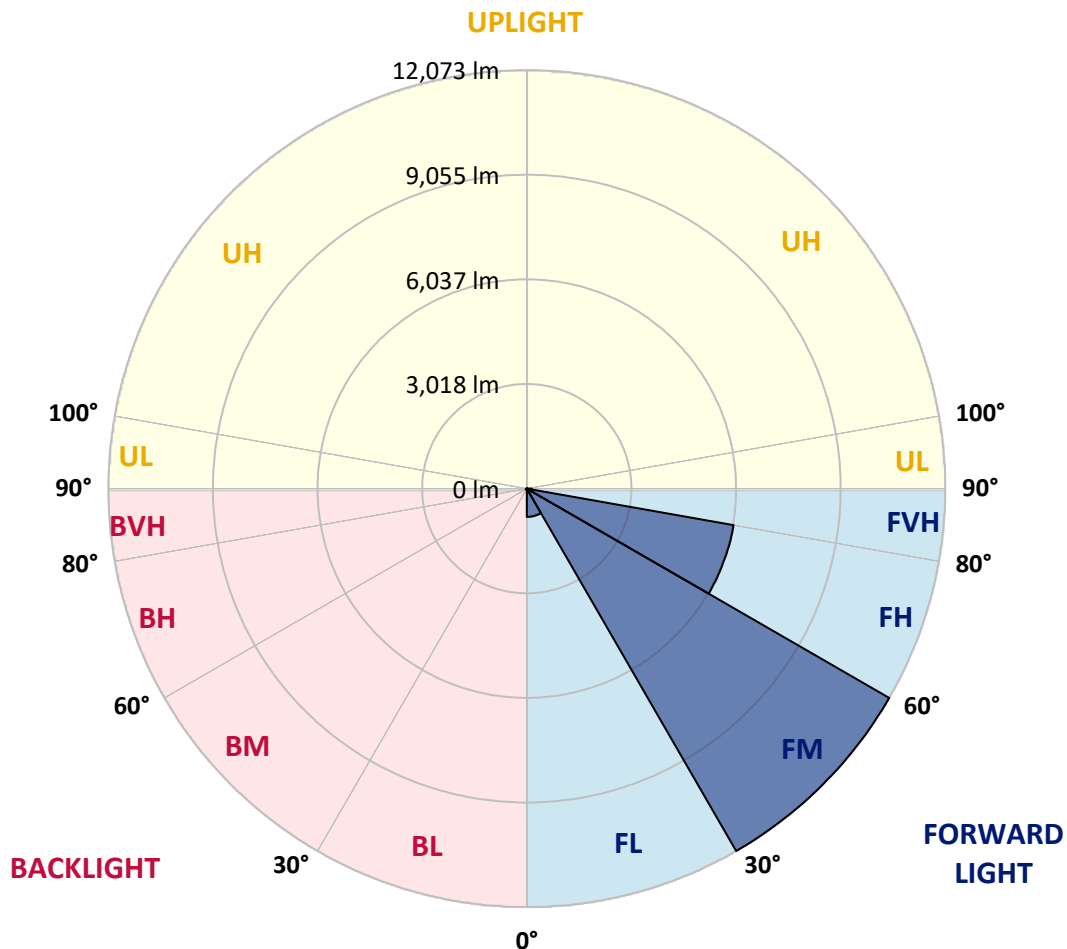
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	815.7	4.3			
FM	(30°-60°)	12073.2	63.0			
FH	(60°-80°)	6059.2	31.6			G3/7500
FVH	(80°-90°)	144.6	0.8			G2/225
BL	(0°-30°)	17.5	0.1	B0/110		
BM	(30°-60°)	25.8	0.1	B0/220		
BH	(60°-80°)	31.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	126.6	126.6	126.6	126.6	126.6	126.6	126.6	126.6	126.6	126.6	126.6
2.5°	168.9	168.9	168.9	163.6	158.3	158.3	153.0	147.8	147.8	137.2	131.9
5°	258.6	258.6	248.0	237.5	221.6	200.5	179.4	163.6	163.6	147.8	137.2
7.5°	506.6	522.4	474.9	416.9	337.7	285.0	226.9	190.0	184.7	158.3	137.2
10°	1097.6	1087.0	1013.2	870.7	686.0	496.0	316.6	232.2	221.6	168.9	137.2
12.5°	1651.7	1667.5	1588.4	1430.0	1208.4	881.2	543.5	300.8	290.2	184.7	137.2
15°	2126.6	2126.6	2073.8	1994.7	1751.9	1408.9	876.0	448.5	411.6	200.5	131.9
17.5°	2453.8	2448.5	2427.4	2406.3	2263.8	1910.2	1340.3	717.7	633.2	237.5	131.9
20°	2823.2	2807.3	2833.7	2791.5	2680.7	2401.0	1831.1	1065.9	986.8	300.8	131.9
22.5°	3208.4	3224.2	3245.3	3203.1	3081.7	2839.0	2348.2	1514.5	1430.0	416.9	137.2
25°	3699.1	3688.6	3736.1	3699.1	3546.1	3261.1	2833.7	2005.2	1883.9	580.5	147.8
27.5°	4300.7	4279.6	4311.2	4216.3	4015.7	3725.5	3266.4	2506.5	2364.1	833.8	168.9
30°	5097.5	5113.3	4970.9	4860.0	4575.1	4189.9	3746.6	3044.8	2897.0	1134.5	190.0
32.5°	6353.4	6242.6	6021.0	5572.4	5197.8	4707.0	4226.8	3514.4	3382.5	1519.8	221.6
35°	8311.2	8332.3	7846.8	6738.6	5926.0	5356.1	4754.5	4031.6	3936.6	1957.7	263.8
37.5°	10696.3	10638.3	10210.9	8812.5	6991.9	6163.4	5356.1	4596.2	4459.0	2432.7	316.6
40°	13398.1	13155.4	12907.4	11957.5	9213.5	7176.6	6116.0	5250.5	5145.0	2981.5	401.0
42.5°	15561.7	15498.3	15540.5	15144.8	12917.9	8902.2	7123.9	6052.6	5926.0	3662.2	548.8
45°	16627.6	16537.9	16791.2	17086.7	16516.8	12574.9	8749.1	7076.4	6907.5	4464.3	775.7
47.5°	16342.6	16279.3	16822.8	17403.3	18163.2	16833.4	11403.4	8606.7	8316.4	5493.3	1113.4
50°	14939.0	14944.3	15836.1	16917.8	18121.0	18991.7	15334.7	10701.6	10337.5	6860.0	1641.1
52.5°	13572.3	13614.5	14559.0	16136.8	17493.0	19245.0	18785.9	13524.8	12933.7	8469.5	2263.8
55°	12168.6	12189.7	13023.5	15245.0	17197.5	18490.3	20558.9	17160.6	16532.6	10474.7	2870.6
57.5°	10817.7	10817.7	11129.0	13102.6	16875.6	18421.7	20347.8	20485.0	19973.2	12764.9	3319.2
60°	8126.5	8179.2	8954.9	10337.5	14553.8	18522.0	19809.6	21545.7	21545.7	15941.6	3662.2
62.5°	4105.4	4184.6	5150.3	6495.9	9983.9	17139.5	19894.0	21012.7	21097.2	18743.6	4443.2
65°	1926.1	2015.8	2532.9	3482.8	5371.9	12063.1	19018.0	20558.9	20532.5	18210.7	6089.6
67.5°	1382.6	1408.9	1583.1	2031.6	2891.8	5287.5	14516.8	19202.7	19213.3	15471.9	7002.5
70°	1240.1	1240.1	1282.3	1414.2	1741.4	2364.1	7055.3	15551.1	16305.7	11947.0	6490.6
72.5°	1224.2	1213.7	1203.1	1208.4	1176.8	1187.3	2422.1	8780.8	9857.3	8358.7	5176.7
75°	1192.6	1192.6	1182.0	1145.1	939.3	765.2	833.8	3551.4	4105.4	5583.0	3841.6
77.5°	944.6	1039.6	1150.4	1081.8	860.1	575.2	485.5	1029.0	1298.1	3424.7	2786.2
80°	438.0	443.3	438.0	459.1	548.8	411.6	358.8	501.3	506.6	1899.7	1725.6
82.5°	316.6	321.9	306.1	274.4	242.7	221.6	295.5	369.4	395.8	870.7	643.8
85°	95.0	89.7	105.5	142.5	168.9	195.2	248.0	311.3	327.2	321.9	95.0
87.5°	42.2	42.2	52.8	73.9	100.3	147.8	216.4	285.0	290.2	332.4	26.4
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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CATALOG NUMBER: NVN-SA6A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	126.6	126.6	126.6	126.6	126.6	126.6	126.6	126.6	126.6	126.6	126.6
2.5°	131.9	126.6	121.4	116.1	110.8	105.5	100.3	100.3	105.5	105.5	105.5
5°	126.6	121.4	110.8	100.3	95.0	89.7	84.4	84.4	89.7	89.7	89.7
7.5°	126.6	116.1	105.5	95.0	84.4	79.2	73.9	73.9	73.9	79.2	79.2
10°	126.6	116.1	100.3	84.4	73.9	68.6	63.3	58.0	63.3	63.3	63.3
12.5°	121.4	110.8	95.0	79.2	63.3	52.8	47.5	47.5	47.5	47.5	47.5
15°	116.1	105.5	89.7	68.6	52.8	42.2	31.7	31.7	31.7	36.9	36.9
17.5°	110.8	100.3	79.2	52.8	36.9	26.4	21.1	21.1	21.1	26.4	26.4
20°	110.8	95.0	68.6	42.2	26.4	15.8	10.6	10.6	10.6	15.8	21.1
22.5°	110.8	95.0	63.3	31.7	15.8	10.6	5.3	5.3	5.3	5.3	5.3
25°	110.8	89.7	58.0	26.4	10.6	5.3	0.0	0.0	5.3	10.6	15.8
27.5°	110.8	84.4	47.5	15.8	10.6	5.3	0.0	5.3	10.6	10.6	10.6
30°	110.8	84.4	42.2	15.8	5.3	0.0	0.0	5.3	10.6	10.6	15.8
32.5°	116.1	79.2	36.9	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	121.4	73.9	31.7	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	131.9	73.9	21.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	147.8	79.2	21.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	184.7	84.4	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	258.6	105.5	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	379.9	158.3	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	554.1	216.4	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	680.7	216.4	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	675.4	137.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	517.1	95.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	438.0	68.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	527.7	52.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	939.3	47.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1509.2	47.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1688.6	47.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1319.2	42.2	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	722.9	36.9	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	364.1	26.4	10.6	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0
80°	153.0	21.1	10.6	5.3	5.3	5.3	0.0	0.0	0.0	0.0	0.0
82.5°	52.8	21.1	10.6	10.6	5.3	5.3	0.0	0.0	0.0	0.0	0.0
85°	26.4	15.8	15.8	10.6	10.6	5.3	5.3	0.0	0.0	0.0	0.0
87.5°	15.8	15.8	15.8	10.6	10.6	5.3	5.3	0.0	0.0	0.0	5.3
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

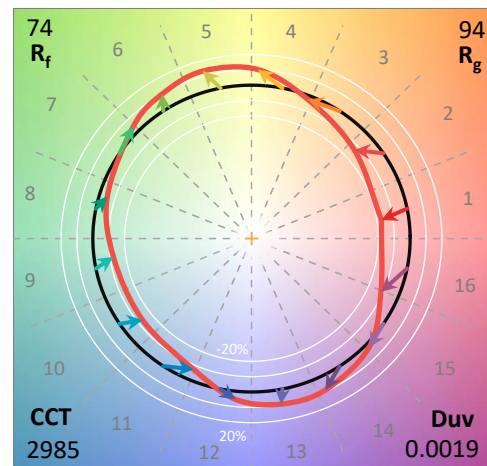
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

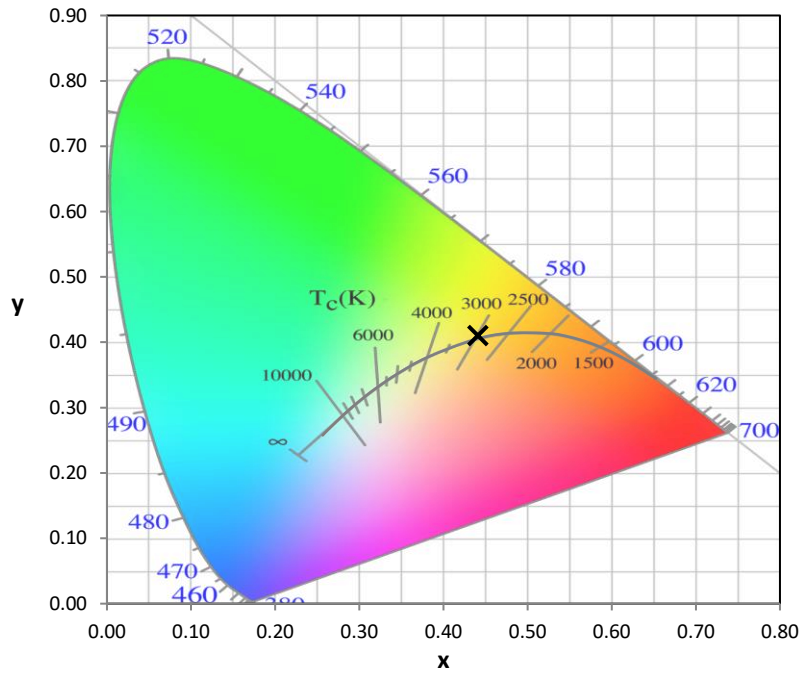
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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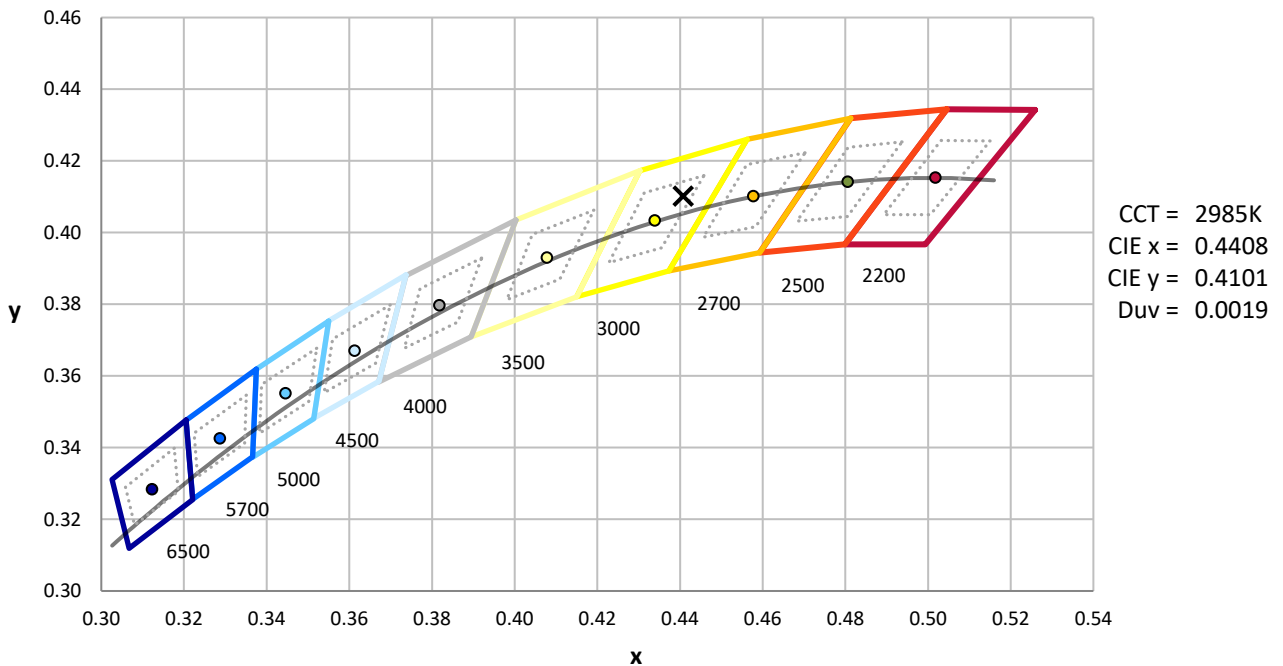
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



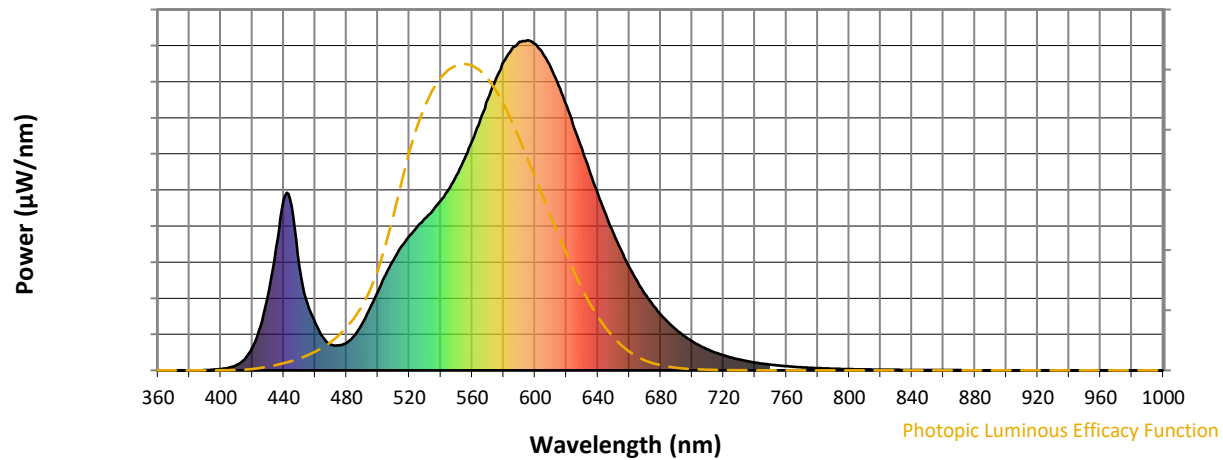
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

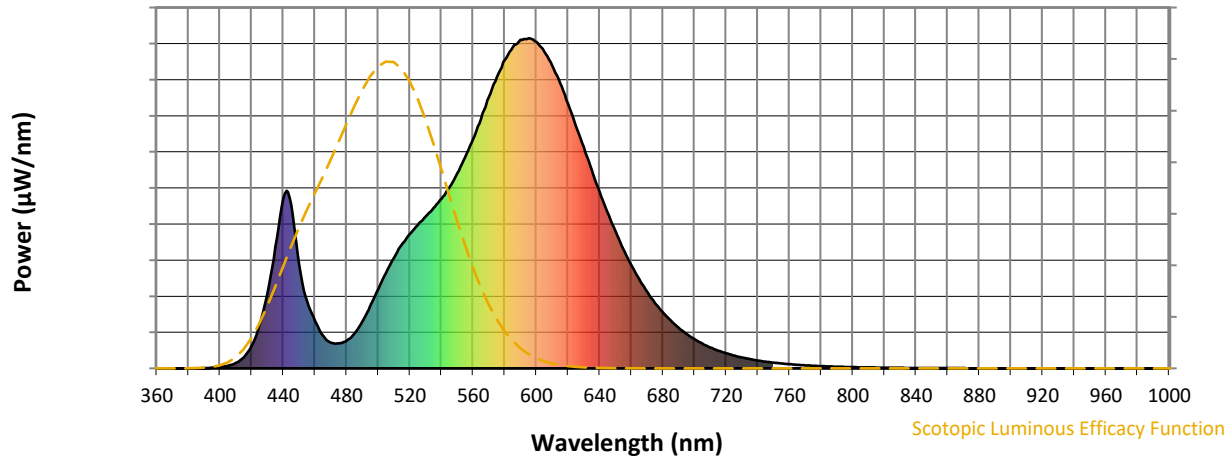


Photopic Lumens: NR

λ (nm)	Power W/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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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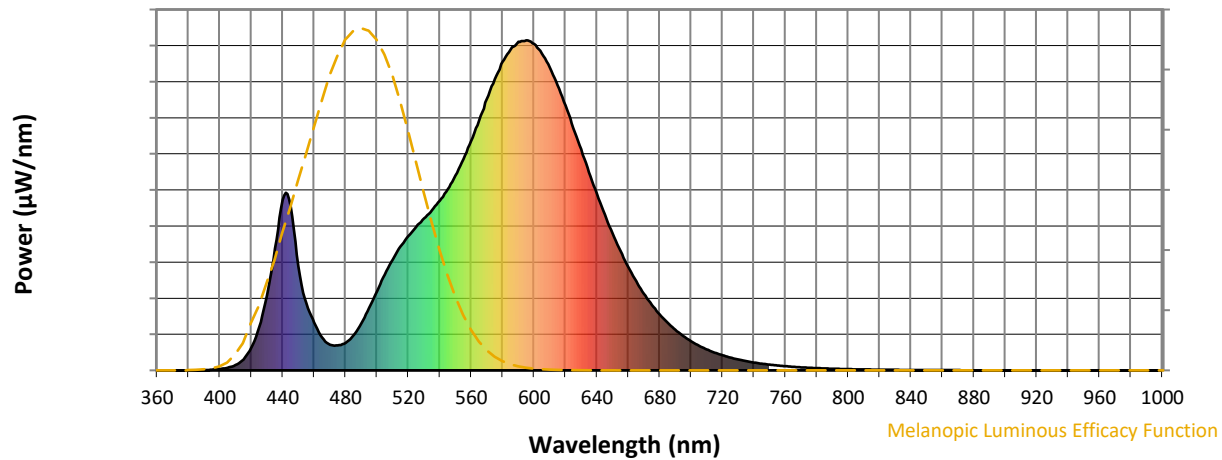
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

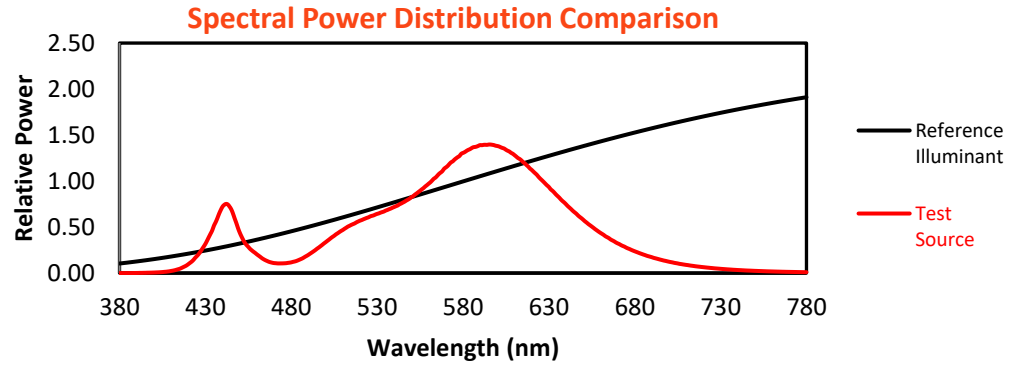
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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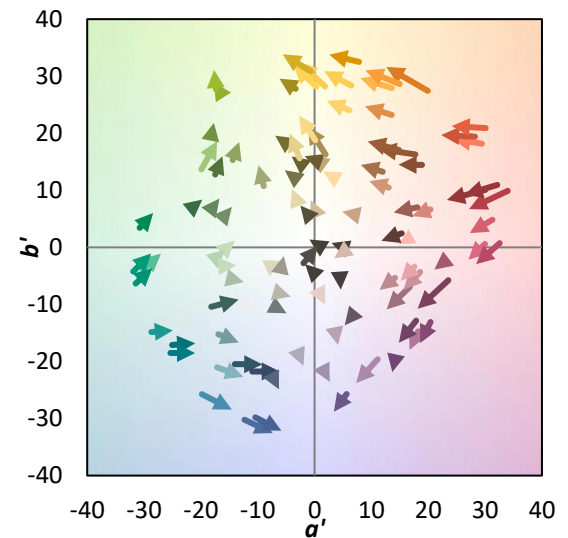
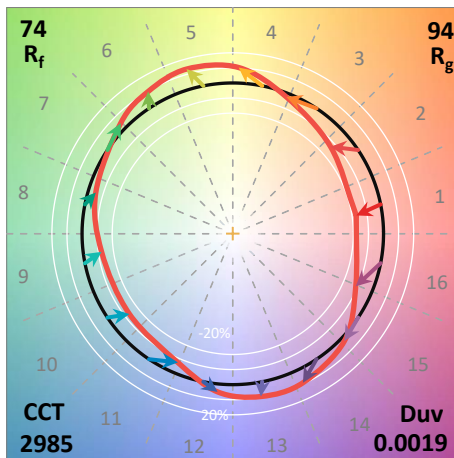
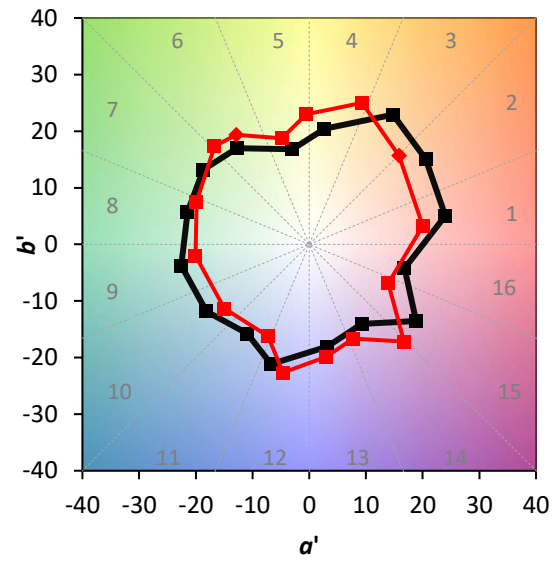
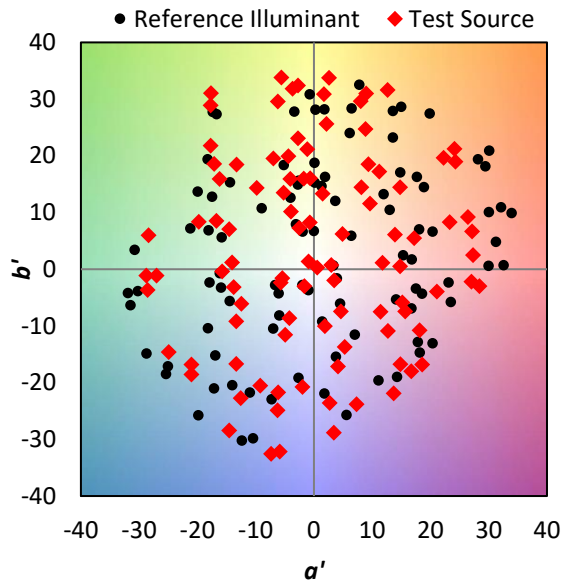
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

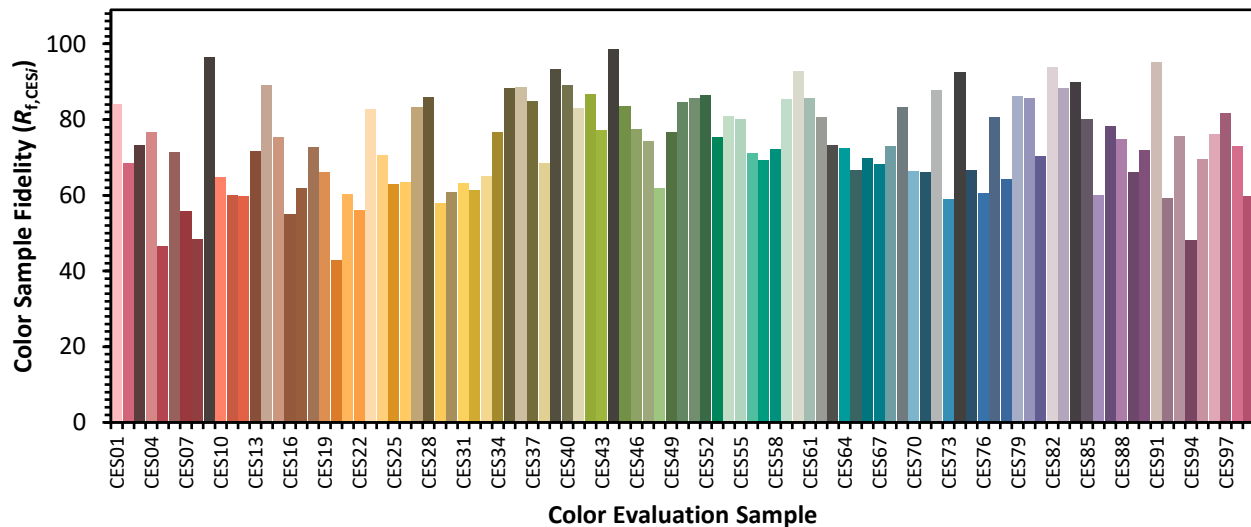


Color Vector Graphics

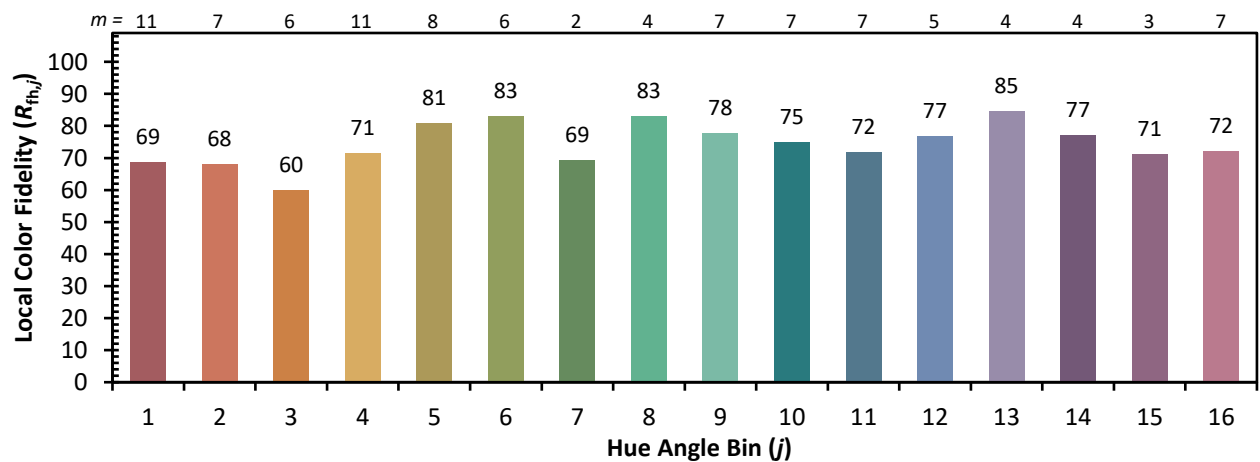
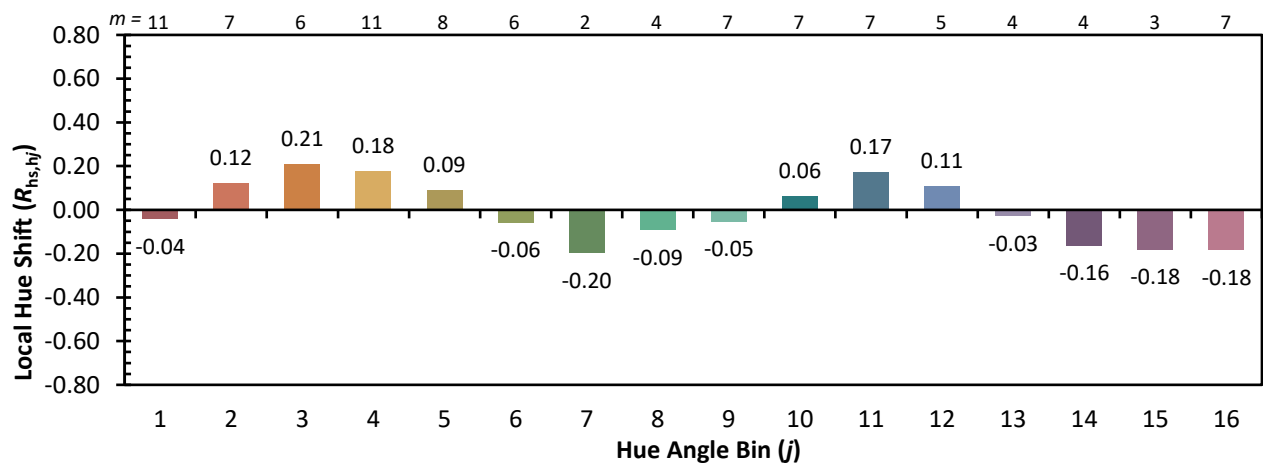
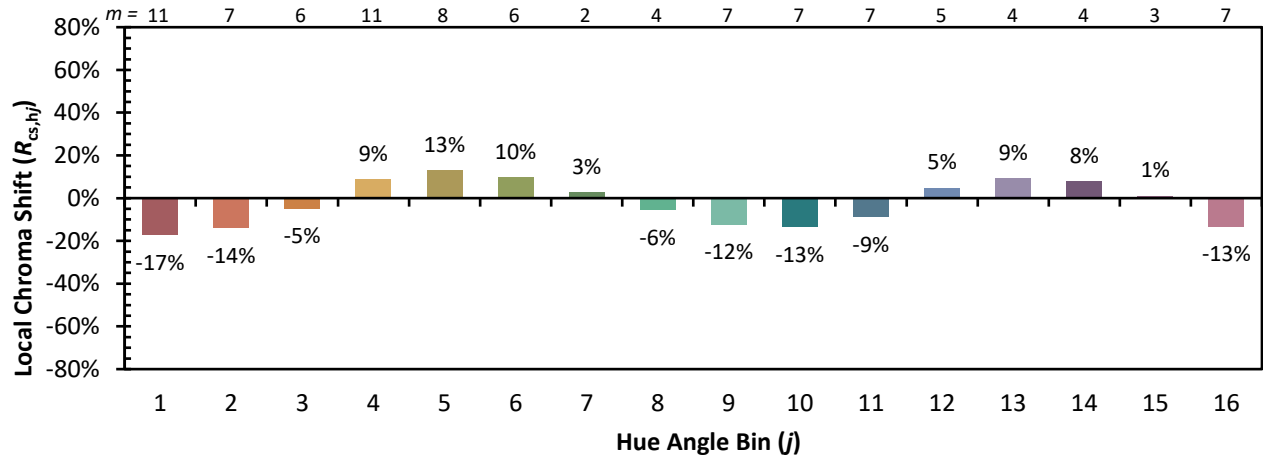


Individual Sample Fidelity Index ($R_{f,i}$)

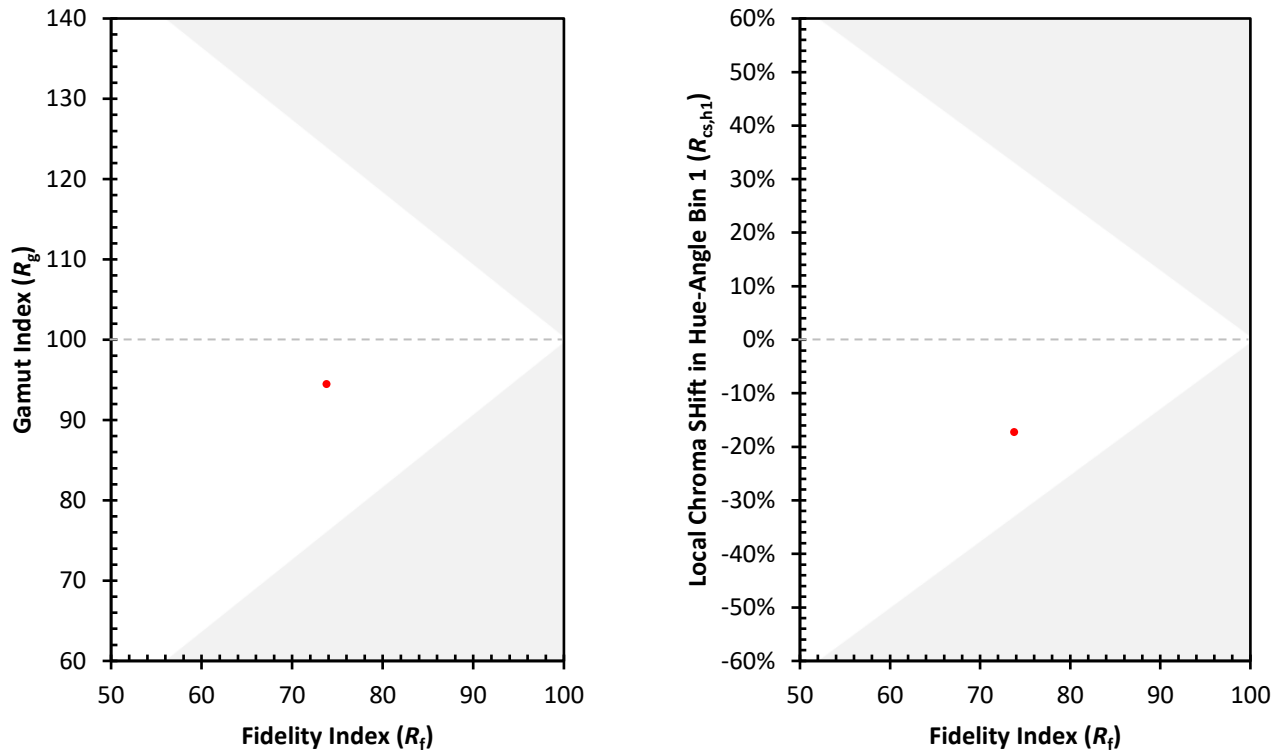
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)