

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: P1065753

Luminaire Tested: **NVN-SA6A-722-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065753
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA6A-722-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16402.3 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - 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



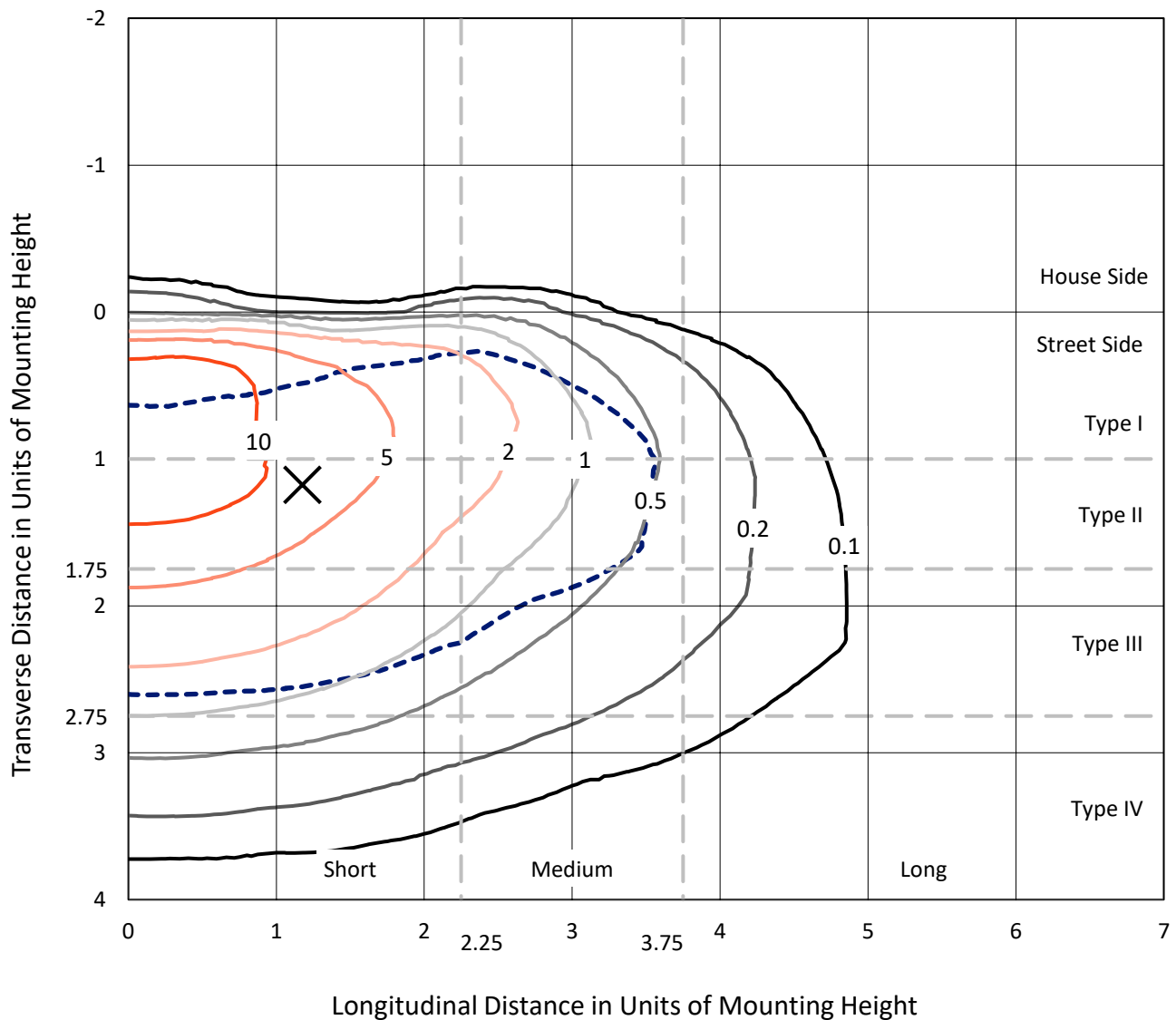
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

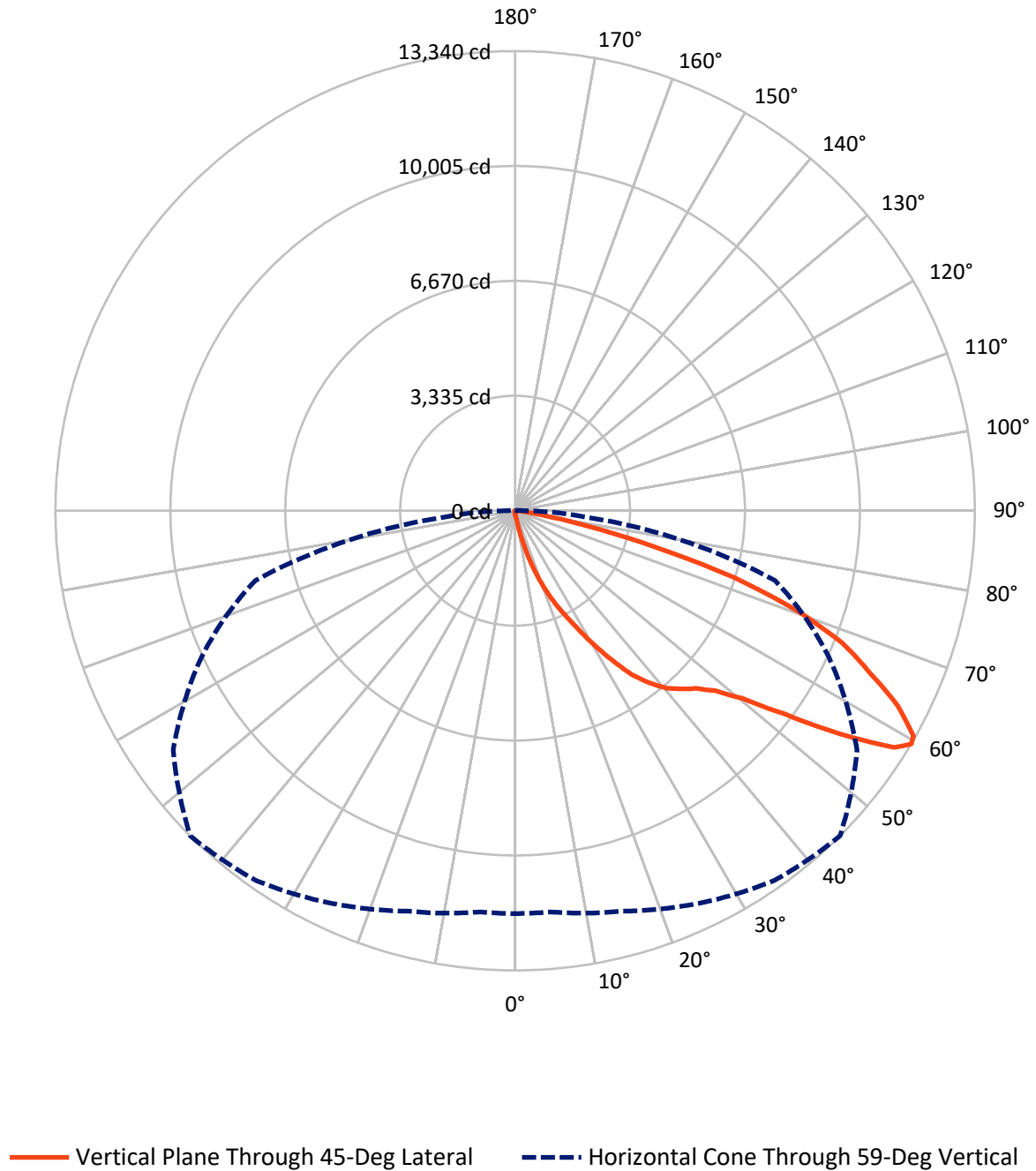


Based on 15 foot mounting height. Maximum calculated value = 17.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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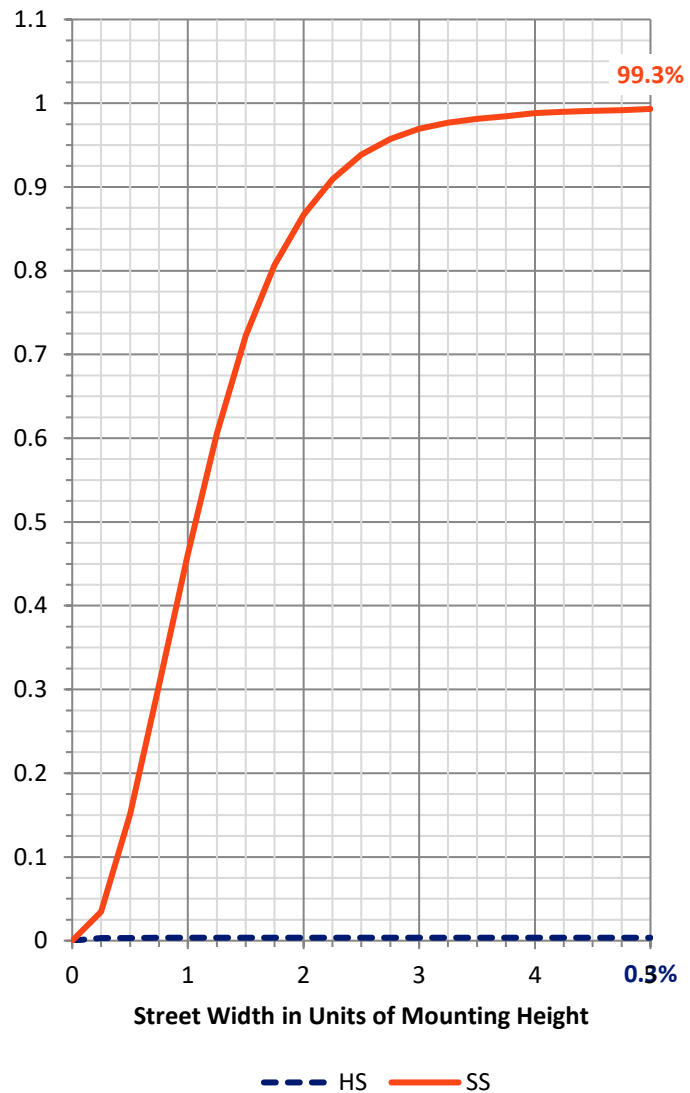
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	58.2	0.0	58.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16344.1	0.0	16344.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	16402.3	0.0	16402.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.2	0.1
10°-20°	181.3	1.1
20°-30°	651.4	4.0
30°-40°	1513.7	9.2
40°-50°	2580.0	15.7
50°-60°	4251.1	25.9
60°-70°	4915.3	30.0
70°-80°	2111.8	12.9
80°-90°	182.5	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°	16402.3	100.0
0°-180°	16402.3	100.0



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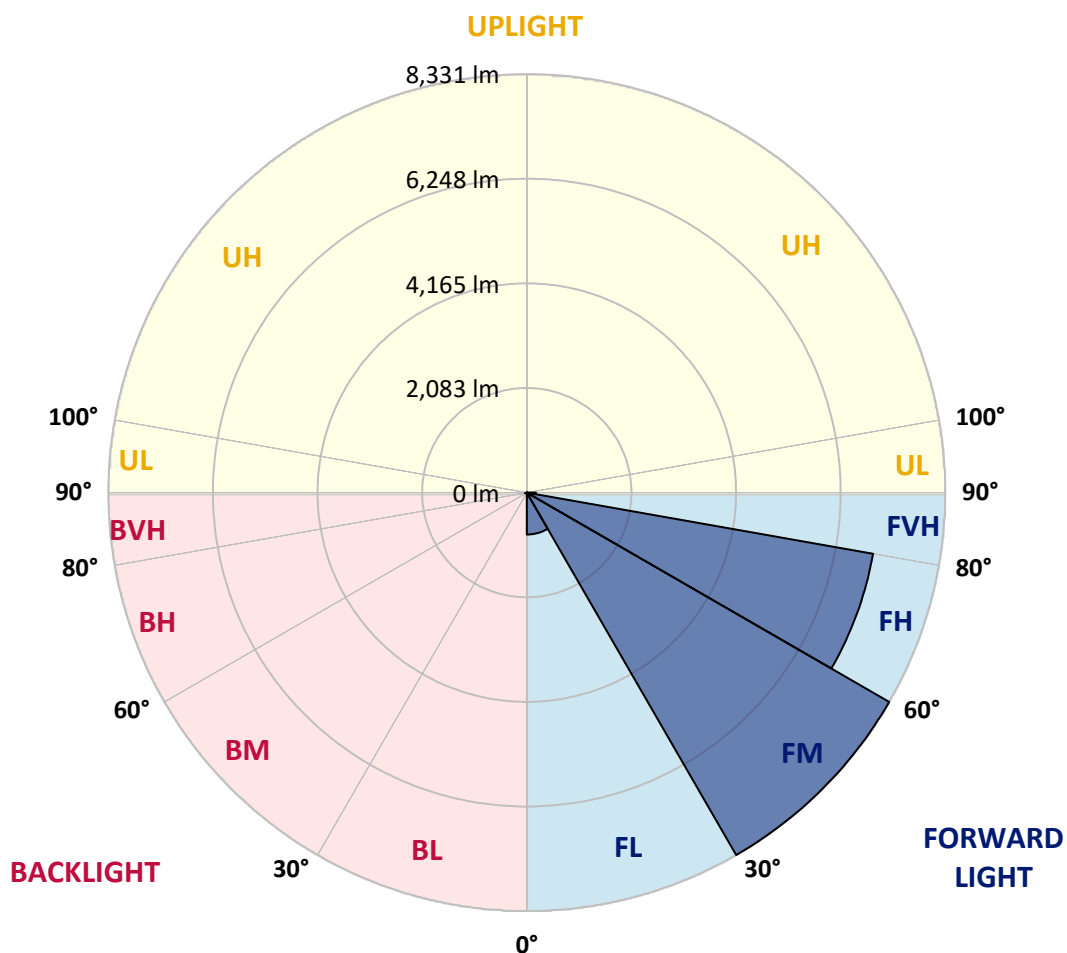
CATALOG NUMBER: NVN-SA6A-722-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	833.6	5.1			
FM	(30°-60°)	8330.8	50.8			
FH	(60°-80°)	6999.6	42.7			G3/7500
FVH	(80°-90°)	180.1	1.1			G2/225
BL	(0°-30°)	14.4	0.1	B0/110		
BM	(30°-60°)	14.1	0.1	B0/220		
BH	(60°-80°)	27.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7
2.5°	134.6	134.6	131.2	126.8	125.7	122.4	122.4	119.1	114.7	111.4	107.0
5°	195.2	194.1	185.3	174.3	159.9	151.1	151.1	139.0	127.9	118.0	109.2
7.5°	426.8	416.9	384.9	332.0	262.5	216.2	212.9	173.2	146.7	126.8	110.3
10°	979.4	945.2	900.0	773.1	571.3	399.2	391.5	252.6	175.4	136.8	112.5
12.5°	1604.7	1632.3	1541.8	1342.2	1106.2	822.8	767.6	425.7	231.6	150.0	114.7
15°	2173.8	2167.2	2116.5	1953.2	1680.8	1303.6	1269.4	740.0	332.0	170.9	116.9
17.5°	2599.5	2591.8	2543.3	2438.5	2229.0	1851.8	1822.0	1180.1	520.6	200.7	119.1
20°	3048.4	3038.5	2970.1	2886.3	2703.2	2382.3	2347.0	1672.0	815.0	249.3	119.1
22.5°	3586.6	3567.9	3495.1	3352.8	3159.8	2880.8	2848.8	2174.9	1180.1	328.7	124.6
25°	4237.3	4205.3	4105.0	3977.0	3744.3	3373.8	3339.6	2735.2	1620.2	448.9	130.1
27.5°	4979.6	4985.1	4849.4	4633.3	4321.1	3942.9	3878.9	3237.0	2075.6	620.9	136.8
30°	5860.8	5805.6	5614.8	5363.4	5060.1	4578.1	4516.4	3736.6	2587.4	874.6	147.8
32.5°	6685.8	6626.2	6369.2	6052.7	5727.3	5218.9	5168.2	4298.0	3052.8	1174.6	167.6
35°	7393.8	7351.9	6992.4	6606.3	6317.4	5863.0	5847.6	4924.4	3599.9	1497.7	189.7
37.5°	8016.9	7940.8	7478.7	7078.4	6785.0	6378.0	6345.0	5497.9	4127.0	1872.7	222.8
40°	8548.5	8506.6	7943.1	7417.0	7178.7	6814.8	6772.9	6000.9	4671.9	2308.4	263.6
42.5°	9117.6	9062.5	8515.5	7925.4	7486.5	7097.1	7069.6	6415.5	5157.1	2787.0	324.3
45°	9760.6	9658.1	9178.3	8648.9	7981.7	7389.4	7358.5	6785.0	5654.5	3301.0	398.1
47.5°	10447.7	10358.4	9970.2	9598.5	8830.9	7871.4	7805.2	7099.3	6148.6	3894.3	491.9
50°	11147.0	11149.2	10858.0	10679.3	9868.7	8654.4	8560.7	7561.5	6668.1	4529.6	630.9
52.5°	11960.9	11981.9	11977.4	11845.1	11216.4	9934.9	9809.2	8262.9	7271.4	5270.7	822.8
55°	12301.7	12339.2	12582.9	12876.3	12705.4	11558.3	11423.8	9472.8	8071.0	6096.8	1107.3
57.5°	12022.7	12064.6	12401.0	12914.9	13307.5	12980.0	12964.5	11047.7	9124.3	7098.2	1572.7
59°	11690.7	11685.2	12030.4	12575.2	13104.6	13317.5	13339.5	12113.1	10041.9	7800.8	1974.2
60°	11470.1	11474.5	11703.9	12263.1	12825.6	13195.0	13281.1	12740.6	10577.9	8305.9	2318.3
62.5°	10618.7	10669.4	10851.4	11370.9	11904.7	12317.1	12463.8	13299.8	12112.0	9499.2	3514.9
65°	9693.3	9696.7	9955.8	10400.3	10912.0	11202.1	11294.8	12429.6	13136.6	10714.6	5084.3
67.5°	8042.3	8109.6	8404.1	9124.3	9800.3	10167.6	10238.2	10819.4	12712.0	11506.5	5870.7
70°	5628.1	5716.3	6136.5	7070.7	8077.6	8680.9	8676.5	8994.1	11187.8	11153.6	4977.4
72.5°	2810.2	2962.4	3305.4	4305.7	5525.5	6472.9	6672.5	7235.0	8987.5	9264.3	3713.4
75°	1241.9	1250.7	1445.9	1949.9	2746.2	3949.5	4128.1	5742.8	6895.3	6438.7	2682.2
77.5°	722.4	729.0	764.3	875.7	1112.8	1935.6	2136.3	3766.4	4872.6	3742.1	1749.2
80°	262.5	269.1	268.0	332.0	487.5	762.1	849.2	1825.3	3250.2	1970.9	916.5
82.5°	161.0	161.0	155.5	156.6	177.6	292.3	319.8	777.5	1582.7	970.5	262.5
85°	79.4	83.8	89.3	100.4	119.1	144.5	153.3	222.8	532.7	234.9	62.9
87.5°	47.4	48.5	52.9	64.0	79.4	103.7	110.3	151.1	190.8	157.7	15.4
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-722-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7	103.7
2.5°	104.8	103.7	98.2	93.7	89.3	84.9	81.6	78.3	78.3	79.4	78.3
5°	104.8	100.4	91.5	83.8	77.2	71.7	66.2	61.8	60.7	60.7	61.8
7.5°	103.7	98.2	86.0	76.1	67.3	59.6	54.0	48.5	47.4	48.5	47.4
10°	102.6	96.0	81.6	69.5	57.4	49.6	41.9	36.4	36.4	36.4	37.5
12.5°	102.6	92.6	77.2	62.9	49.6	40.8	33.1	27.6	26.5	26.5	26.5
15°	101.5	90.4	72.8	55.1	41.9	30.9	24.3	18.7	18.7	18.7	18.7
17.5°	99.3	87.1	67.3	48.5	33.1	23.2	16.5	11.0	11.0	13.2	13.2
20°	97.1	83.8	60.7	39.7	27.6	17.6	11.0	6.6	6.6	9.9	11.0
22.5°	98.2	83.8	56.2	35.3	22.1	13.2	8.8	5.5	4.4	7.7	9.9
25°	99.3	81.6	50.7	30.9	16.5	9.9	6.6	2.2	1.1	2.2	3.3
27.5°	99.3	79.4	44.1	24.3	12.1	7.7	3.3	0.0	0.0	0.0	0.0
30°	98.2	76.1	38.6	19.9	8.8	4.4	1.1	0.0	0.0	0.0	0.0
32.5°	97.1	72.8	35.3	15.4	7.7	2.2	0.0	0.0	0.0	0.0	0.0
35°	98.2	68.4	30.9	12.1	4.4	0.0	0.0	0.0	0.0	0.0	2.2
37.5°	101.5	64.0	26.5	9.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	105.9	60.7	22.1	7.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	114.7	60.7	19.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	125.7	60.7	16.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	140.1	61.8	14.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	157.7	64.0	13.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	170.9	61.8	12.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	194.1	59.6	11.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	225.0	56.2	11.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	255.9	51.8	11.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	291.2	49.6	9.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	480.9	44.1	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	928.6	41.9	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1501.0	41.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1578.2	41.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1050.0	34.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	562.5	30.9	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	303.3	28.7	4.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	133.5	21.0	5.5	3.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	52.9	14.3	6.6	5.5	4.4	2.2	0.0	0.0	0.0	0.0	0.0
85°	25.4	11.0	8.8	7.7	5.5	3.3	0.0	0.0	0.0	0.0	0.0
87.5°	12.1	11.0	9.9	8.8	7.7	5.5	1.1	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

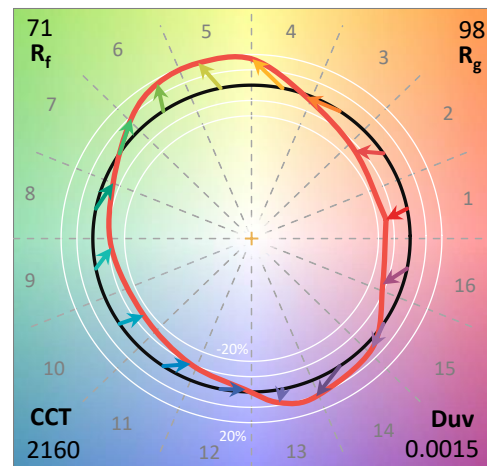
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

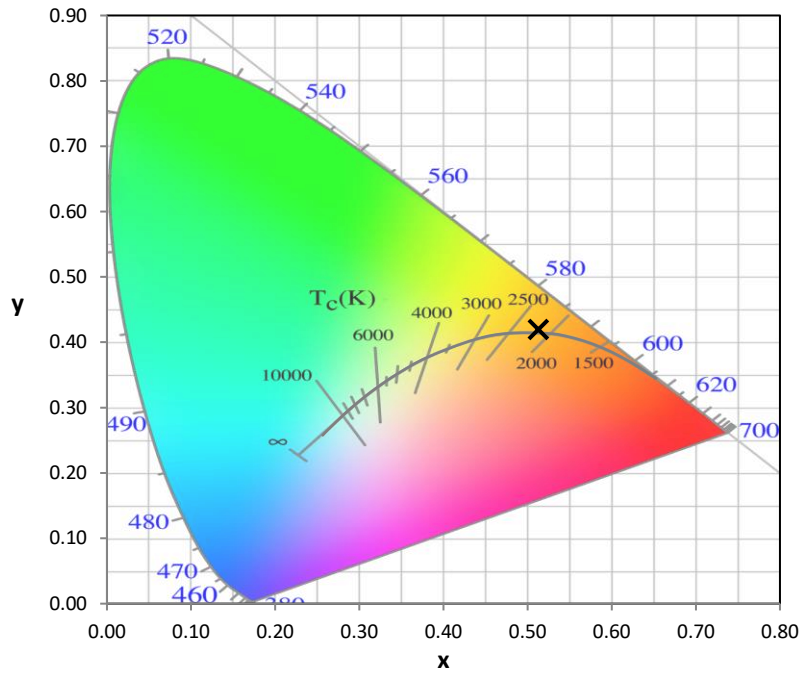
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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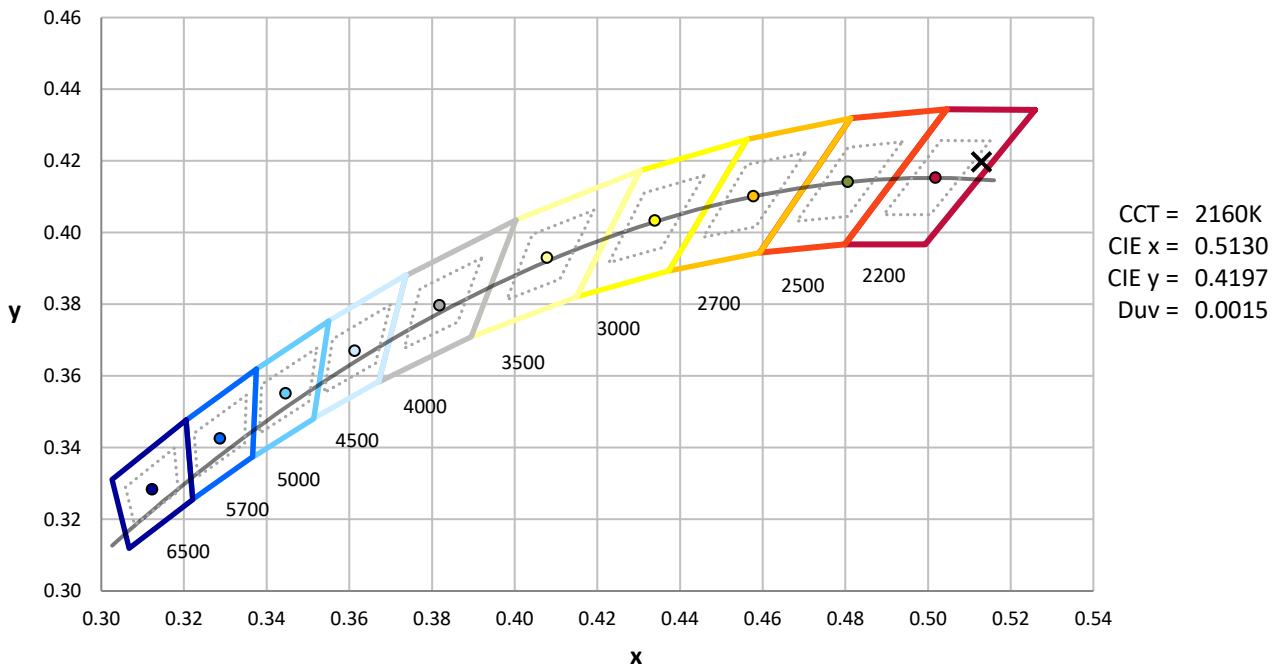
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



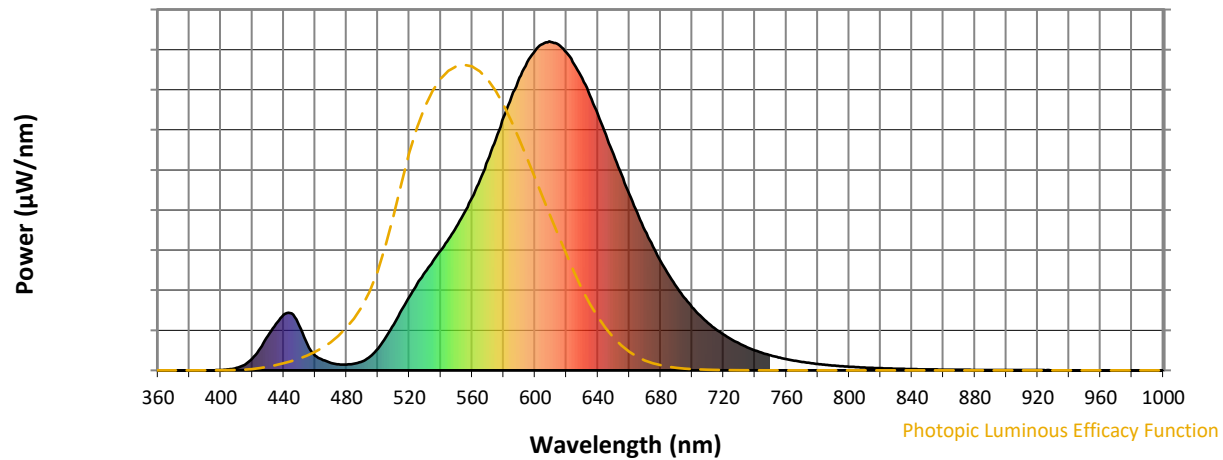
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

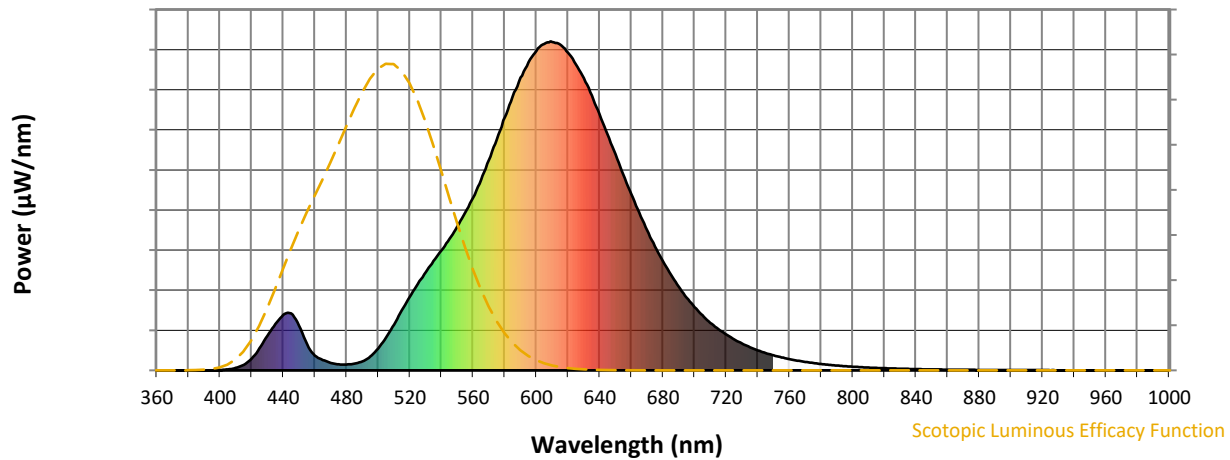


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



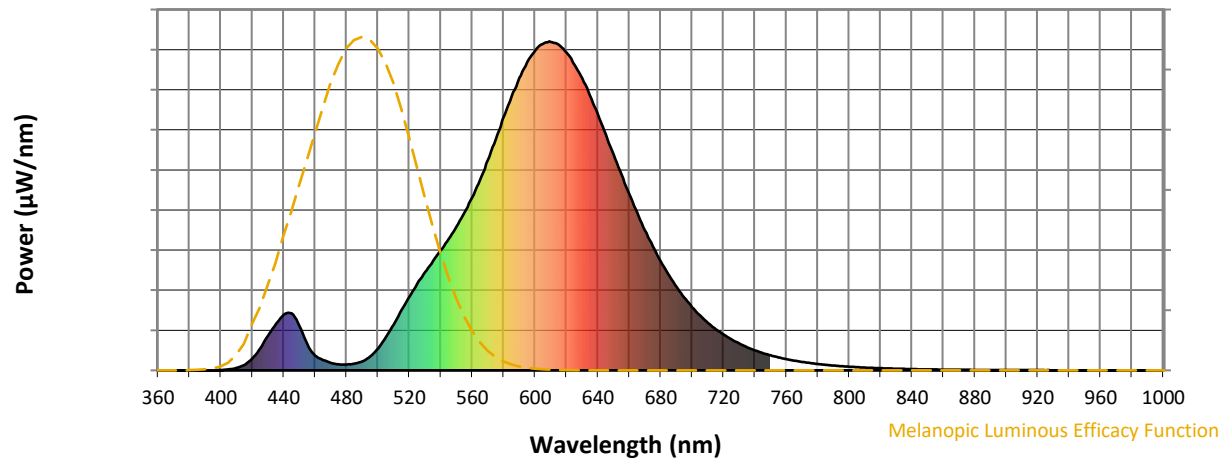
Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

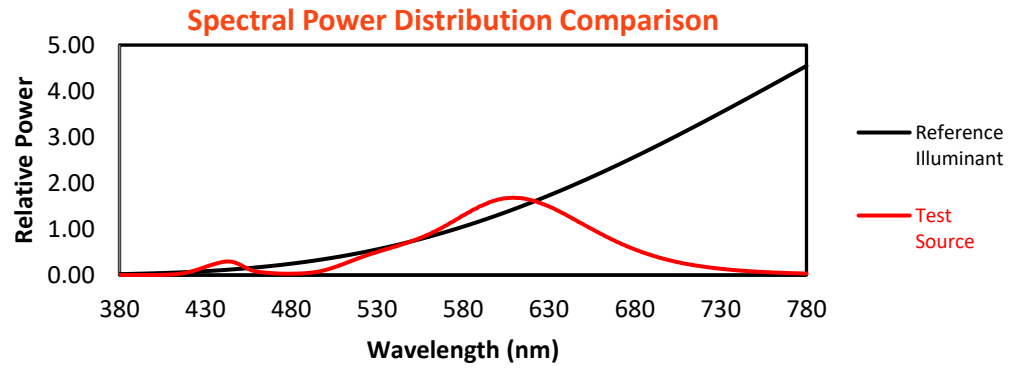
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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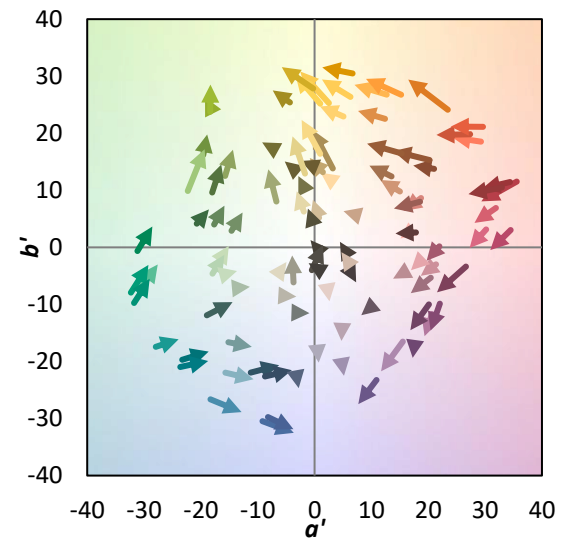
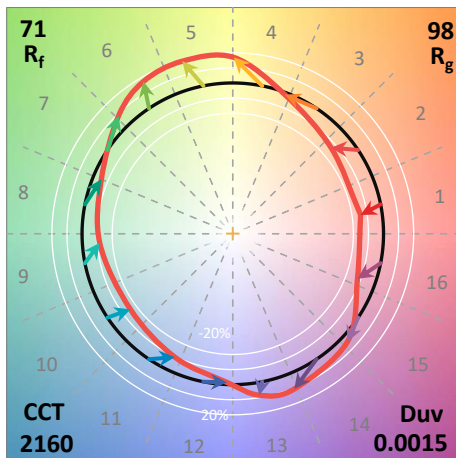
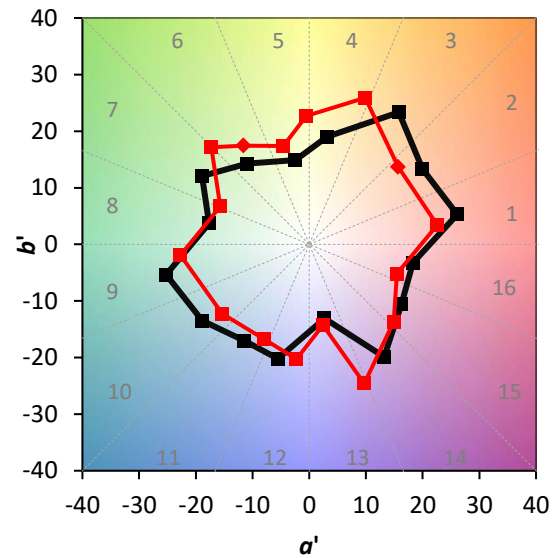
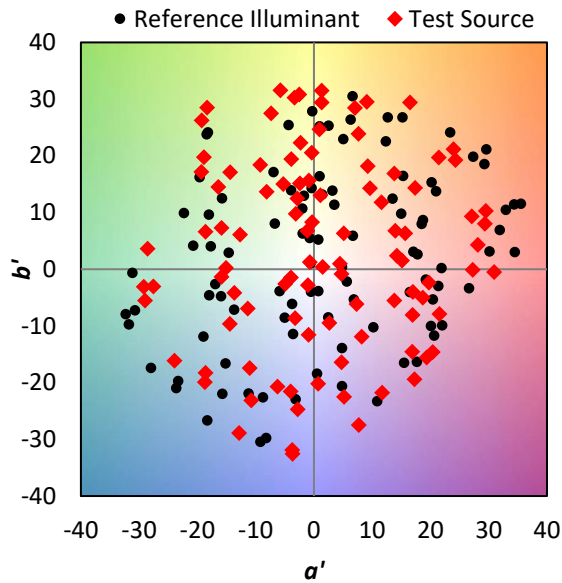
TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE R_a = 71.9$
 $R_g = -17.8$

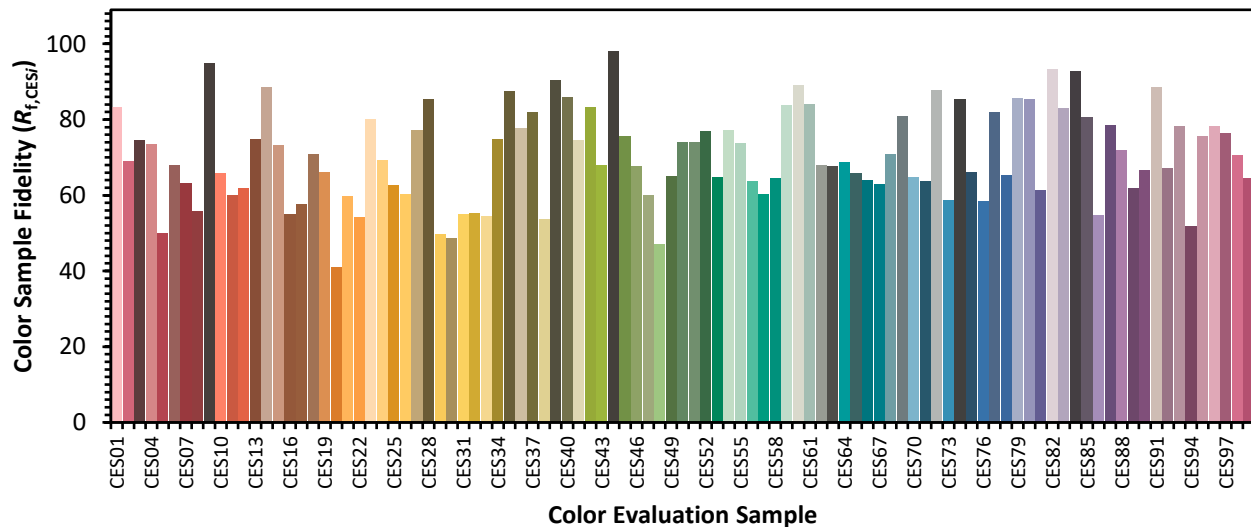


Color Vector Graphics

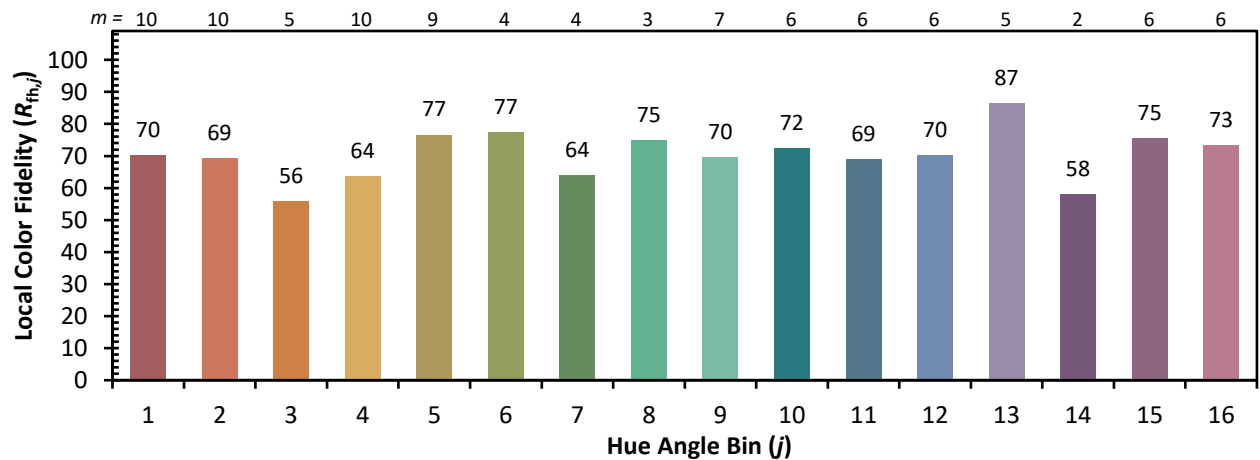
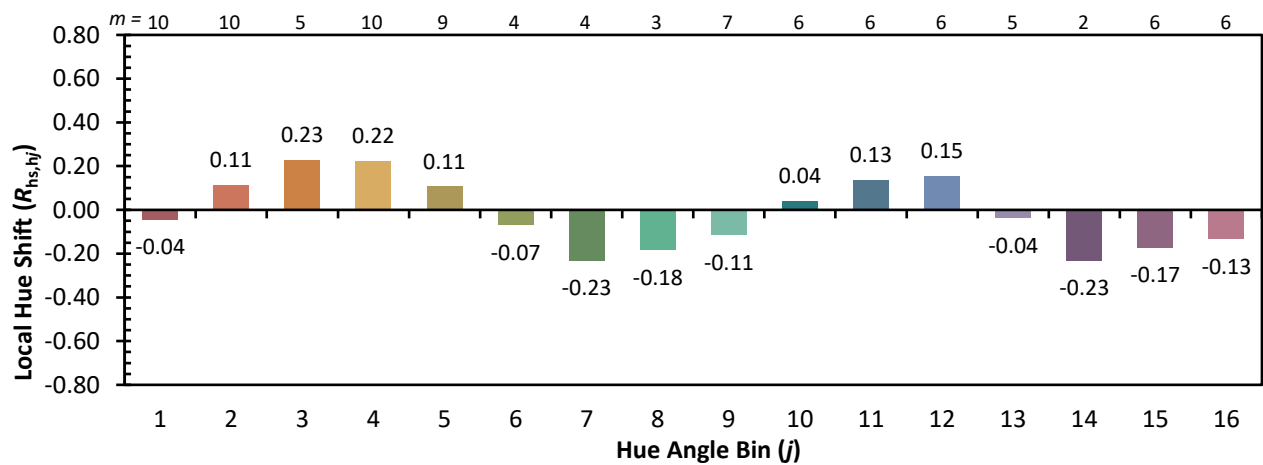
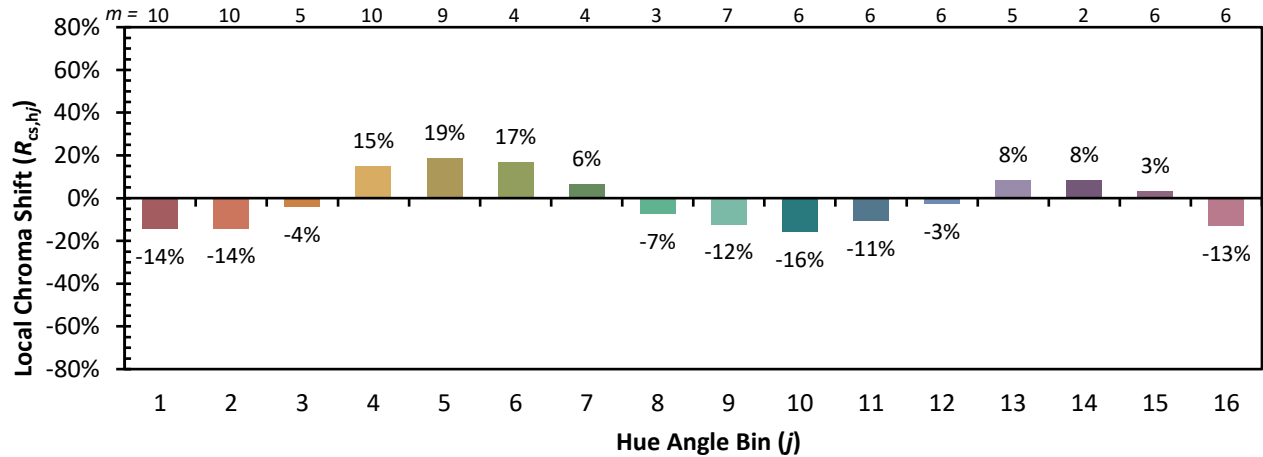


Individual Sample Fidelity Index ($R_{f,i}$)

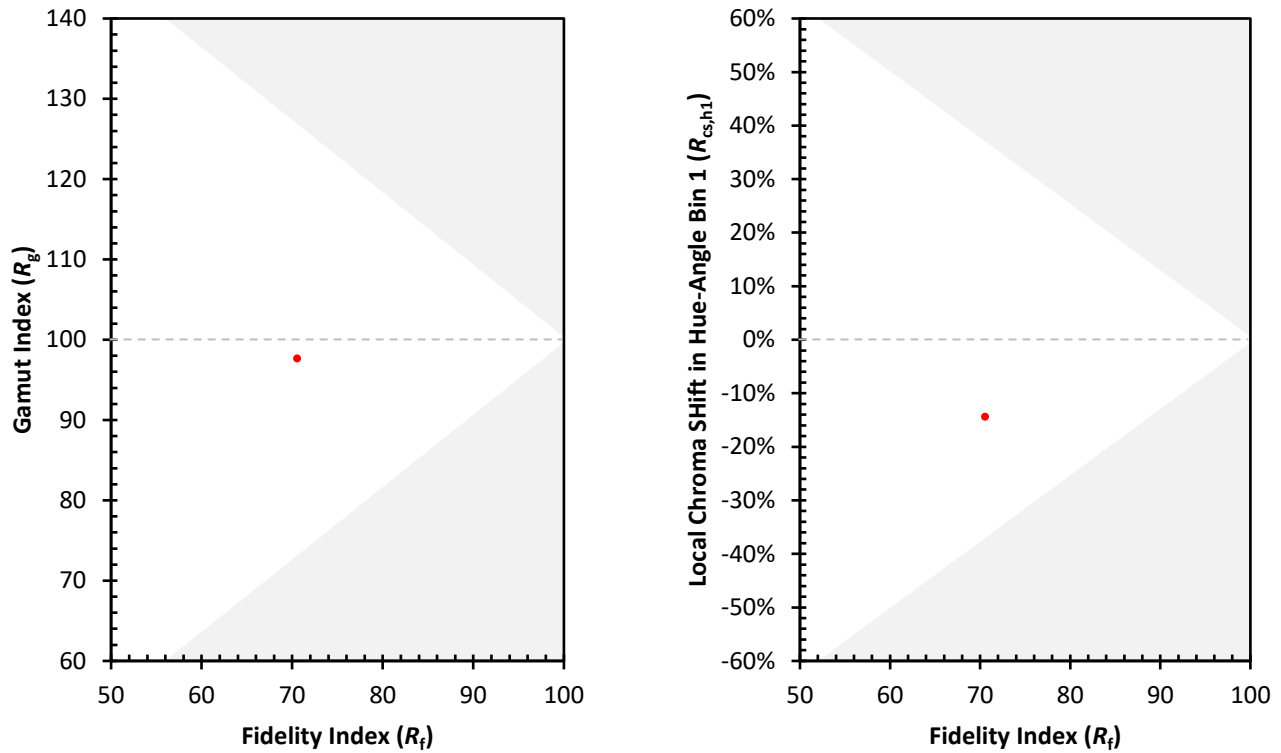
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)