

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: P1066344

Luminaire Tested: **NVN-SA3D-760-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066344
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3D-760-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 3xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18237.1 lumens
Efficiency: N/A
Efficacy: 113.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 160.9
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

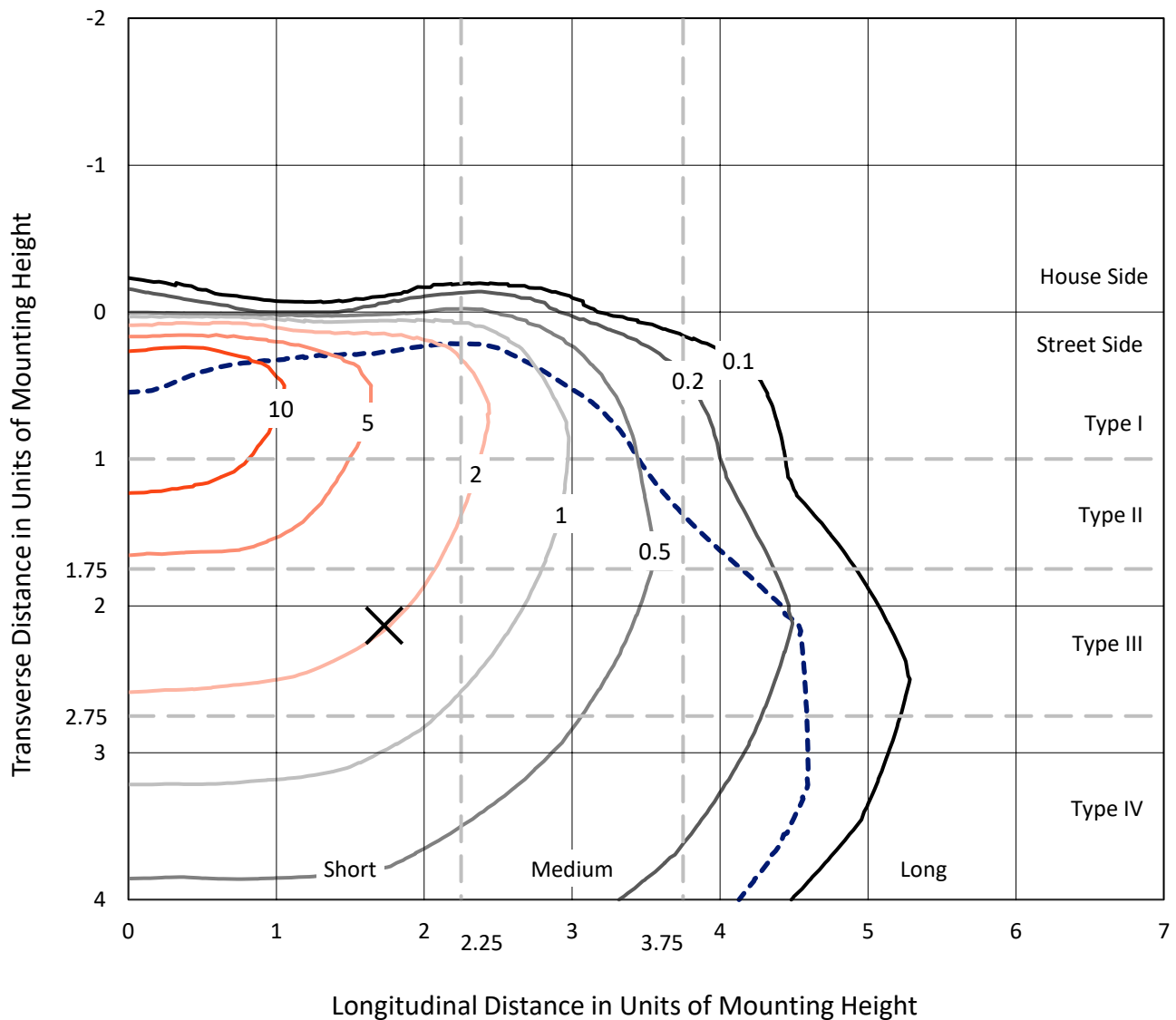


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

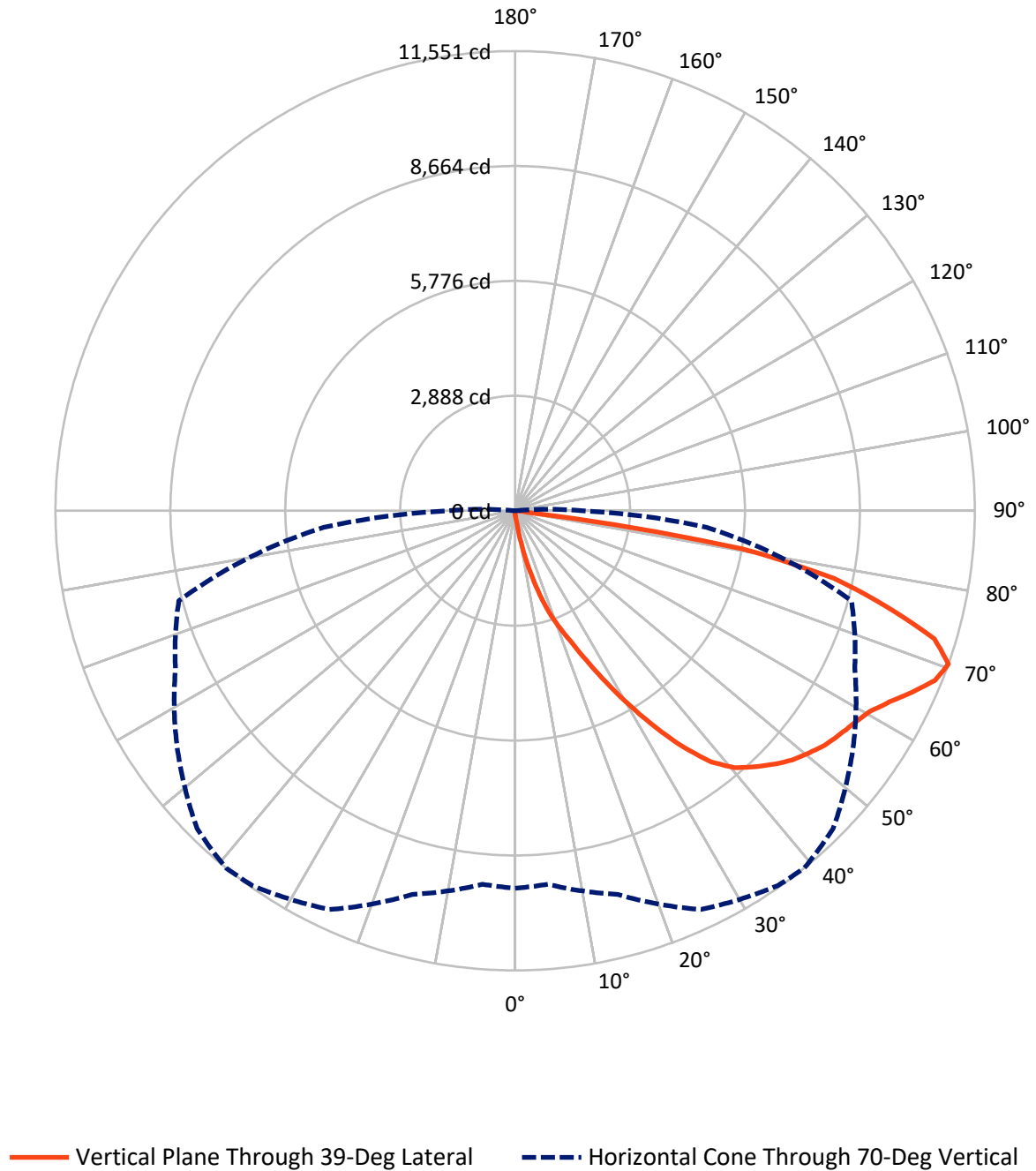


Based on 15 foot mounting height. Maximum calculated value = 19.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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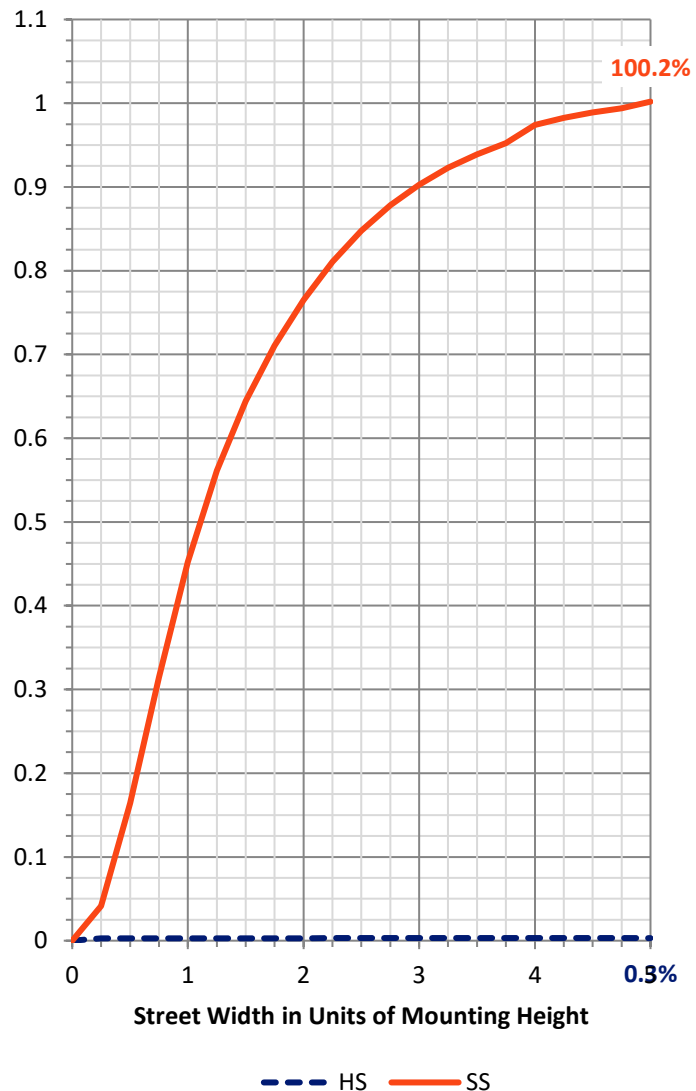
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	56.2	0.0	56.2
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	18181.0	0.0	18181.0
	% Fixture	99.7	0.0	99.7
Total	Lumens	18237.1	0.0	18237.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	0.1
10°-20°	224.2	1.2
20°-30°	760.8	4.2
30°-40°	1788.1	9.8
40°-50°	2903.5	15.9
50°-60°	3679.3	20.2
60°-70°	4673.7	25.6
70°-80°	3797.4	20.8
80°-90°	391.0	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°	18237.1	100.0
0°-180°	18237.1	100.0



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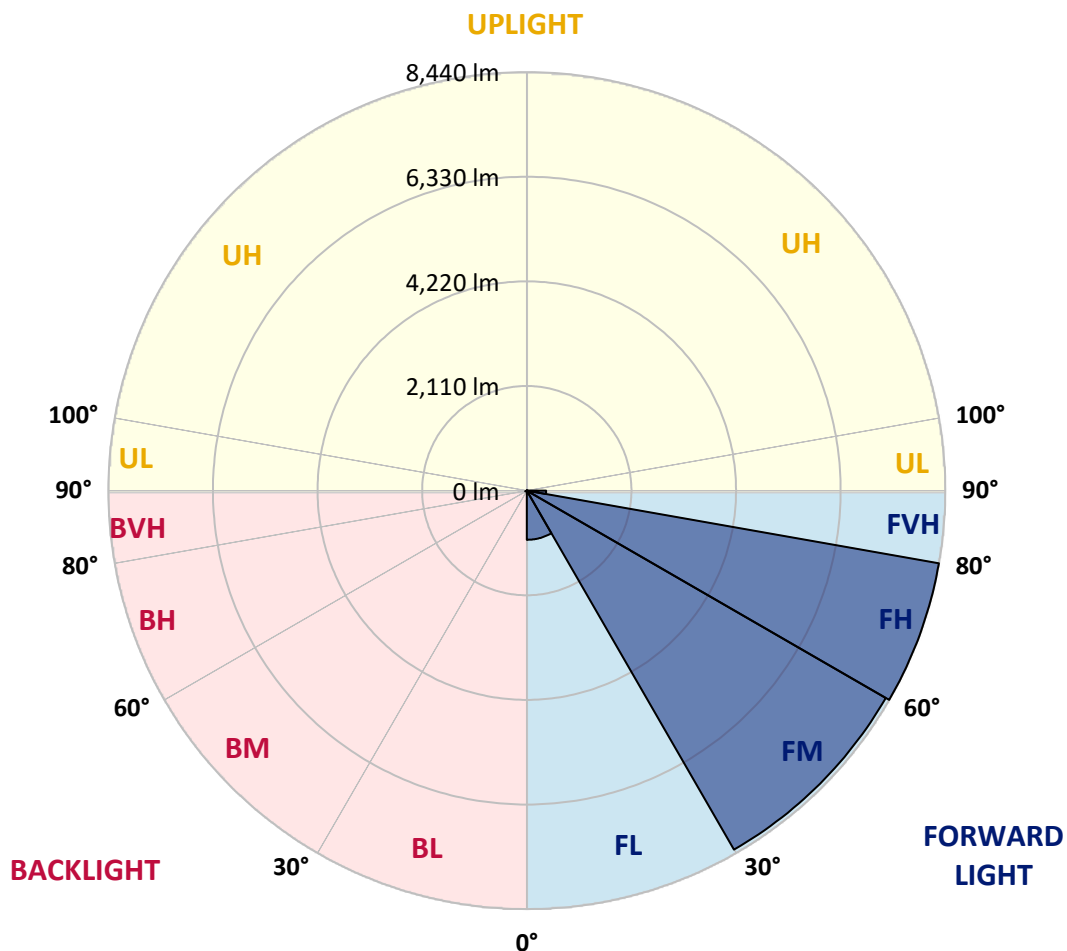
CATALOG NUMBER: NVN-SA3D-760-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	992.1	5.4			
FM	(30°-60°)	8360.1	45.8			
FH	(60°-80°)	8440.2	46.3			G4/12000
FVH	(80°-90°)	388.7	2.1			G3/500
BL	(0°-30°)	12.2	0.1	B0/110		
BM	(30°-60°)	10.8	0.1	B0/220		
BH	(60°-80°)	30.9	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-G4

Type IV Short



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CATALOG NUMBER: NVN-SA3D-760-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2.5°	128.7	128.7	128.7	123.8	123.8	118.8	118.8	113.9	108.9	108.9	104.0
5°	242.6	247.6	232.7	203.0	183.2	173.3	163.4	138.6	123.8	113.9	104.0
7.5°	663.5	643.7	614.0	514.9	396.1	336.7	287.2	203.0	148.5	118.8	104.0
10°	1396.3	1341.8	1257.6	1123.9	891.2	797.2	618.9	371.3	208.0	133.7	104.0
12.5°	2049.8	2059.7	1955.8	1827.0	1544.8	1386.4	1143.8	698.1	326.8	158.4	104.0
15°	2545.0	2535.1	2495.5	2391.5	2139.0	1985.5	1767.6	1173.5	549.6	198.1	108.9
17.5°	2936.1	2896.5	2881.7	2837.1	2673.7	2589.5	2351.9	1728.0	871.4	267.4	113.9
20°	3327.3	3317.4	3302.5	3253.0	3144.1	3084.7	2901.5	2287.5	1297.2	381.3	123.8
22.5°	3896.7	3842.2	3852.1	3743.2	3654.1	3550.1	3401.6	2881.7	1787.4	544.6	138.6
25°	4565.1	4560.2	4480.9	4431.4	4282.9	4169.0	3971.0	3456.0	2332.1	787.3	153.5
27.5°	5352.4	5297.9	5263.2	5179.1	5025.6	4896.9	4624.5	4025.4	2921.3	1059.6	173.3
30°	6174.3	6174.3	6109.9	5981.2	5832.7	5674.2	5396.9	4624.5	3505.5	1406.2	198.1
32.5°	7134.8	7154.7	6996.2	6803.1	6610.0	6501.1	6139.6	5302.9	4065.0	1802.3	227.8
35°	8065.7	8040.9	7778.5	7565.6	7422.0	7303.2	6996.2	6045.6	4698.8	2262.8	267.4
37.5°	8956.9	8892.6	8456.8	8154.8	8090.5	8011.2	7704.2	6788.3	5327.6	2772.7	316.9
40°	9595.7	9496.6	9046.1	8630.1	8536.1	8491.5	8253.8	7461.6	5991.1	3342.1	381.3
42.5°	9872.9	9759.0	9447.1	9110.4	8902.5	8798.5	8590.5	8011.2	6654.6	3975.9	475.3
45°	9927.4	9838.3	9615.5	9536.2	9254.0	9095.6	8813.3	8402.4	7273.5	4604.7	604.1
47.5°	9729.3	9689.7	9556.0	9724.4	9580.8	9362.9	9021.3	8694.5	7823.1	5367.2	782.3
50°	9244.1	9214.4	9278.8	9719.4	9818.5	9570.9	9249.1	8922.3	8298.4	6154.5	1034.8
52.5°	8590.5	8585.6	8887.6	9590.7	9922.4	9768.9	9471.9	9150.0	8674.7	6917.0	1391.3
55°	7877.5	7961.7	8491.5	9471.9	9981.9	9912.5	9689.7	9353.0	9011.4	7625.0	1965.7
57.5°	7818.1	7783.5	8293.5	9422.4	10016.5	10056.1	9907.6	9565.9	9298.6	8204.3	2733.1
60°	8412.3	8333.1	8526.2	9526.3	10170.0	10239.3	10125.4	9729.3	9585.7	8659.9	3743.2
62.5°	9100.5	9026.3	9125.3	9927.4	10472.0	10571.1	10427.5	9897.7	9818.5	8976.7	4827.5
65°	9650.1	9590.7	9778.9	10526.5	10892.9	10977.1	10878.0	10209.6	9922.4	9234.2	5708.9
67.5°	9739.2	9665.0	10056.1	10927.6	11318.7	11378.1	11298.9	10511.6	9887.8	9254.0	5911.9
70°	9486.7	9422.4	9981.9	11056.3	11501.9	11551.4	11298.9	10368.1	9417.4	8749.0	4832.5
72.5°	8709.4	8758.9	9481.8	10744.4	11249.4	11021.6	10486.9	9645.2	8808.4	7417.1	3391.7
75°	7501.2	7555.7	8516.3	9887.8	9927.4	9650.1	9362.9	8872.8	7882.5	4886.9	2351.9
77.5°	5332.6	5139.5	6575.3	8164.7	8021.1	8199.4	8224.1	7382.4	6600.1	2545.0	1574.5
80°	524.8	445.6	826.9	2342.0	5174.1	5783.1	6020.8	5689.1	4867.1	1138.8	826.9
82.5°	113.9	113.9	123.8	133.7	208.0	311.9	1430.9	3505.5	3144.1	579.3	267.4
85°	64.4	64.4	79.2	94.1	123.8	138.6	163.4	217.9	846.7	208.0	49.5
87.5°	49.5	54.5	64.4	79.2	104.0	113.9	138.6	173.3	212.9	193.1	14.9
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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CATALOG NUMBER: NVN-SA3D-760-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2.5°	104.0	99.0	94.1	89.1	84.2	84.2	79.2	79.2	79.2	79.2	79.2
5°	99.0	94.1	89.1	79.2	74.3	69.3	64.4	64.4	64.4	64.4	64.4
7.5°	99.0	94.1	84.2	74.3	64.4	59.4	54.5	49.5	49.5	54.5	54.5
10°	99.0	89.1	74.3	64.4	54.5	49.5	44.6	39.6	39.6	39.6	39.6
12.5°	94.1	84.2	69.3	59.4	49.5	39.6	29.7	24.8	24.8	24.8	24.8
15°	89.1	79.2	64.4	49.5	34.7	24.8	19.8	14.9	14.9	14.9	14.9
17.5°	89.1	74.3	59.4	44.6	24.8	14.9	9.9	5.0	5.0	5.0	9.9
20°	89.1	74.3	54.5	34.7	14.9	9.9	9.9	5.0	0.0	5.0	5.0
22.5°	89.1	69.3	44.6	24.8	14.9	9.9	5.0	0.0	0.0	0.0	0.0
25°	94.1	69.3	39.6	19.8	9.9	5.0	0.0	0.0	0.0	0.0	0.0
27.5°	94.1	64.4	34.7	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	99.0	64.4	29.7	9.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	99.0	59.4	19.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	99.0	54.5	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	99.0	49.5	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	104.0	44.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	108.9	39.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	113.9	34.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	128.7	34.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	148.5	34.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	178.2	34.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	232.7	29.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	336.7	29.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	564.5	29.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	990.3	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1673.5	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2183.5	34.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1658.7	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	792.2	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	351.5	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	153.5	14.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	59.4	9.9	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0
82.5°	24.8	9.9	5.0	5.0	5.0	5.0	5.0	0.0	0.0	0.0	0.0
85°	14.9	9.9	9.9	9.9	5.0	5.0	5.0	0.0	0.0	0.0	0.0
87.5°	9.9	9.9	9.9	9.9	9.9	5.0	5.0	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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

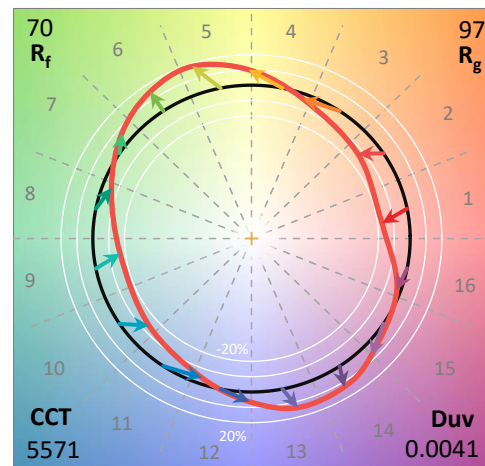
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



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 5700K 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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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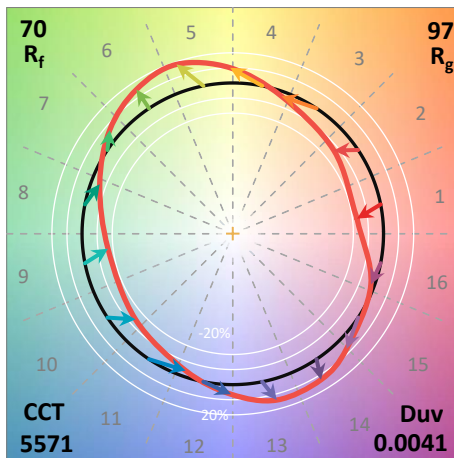
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

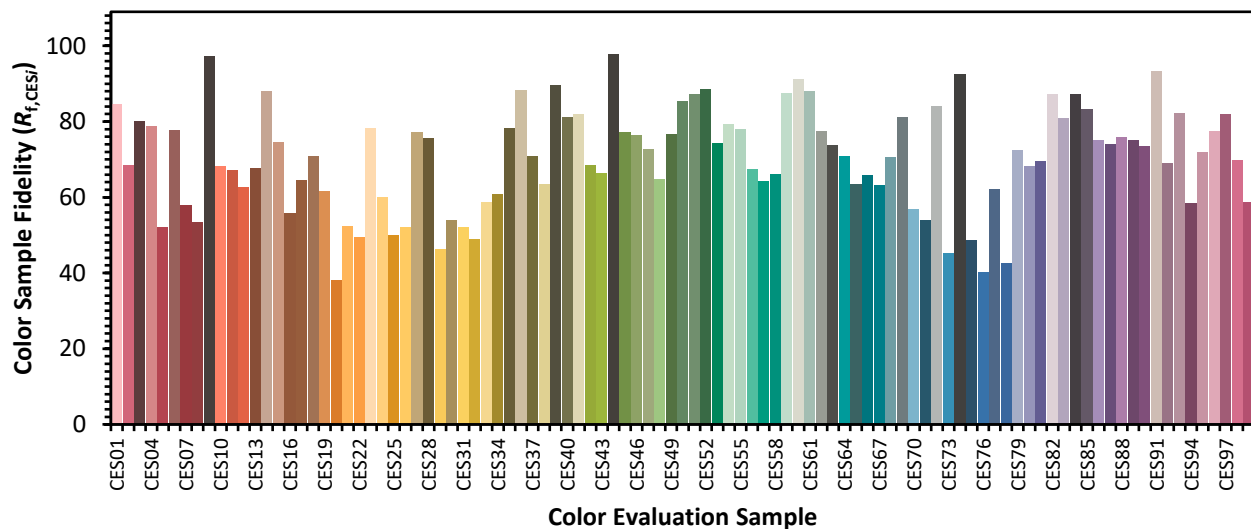


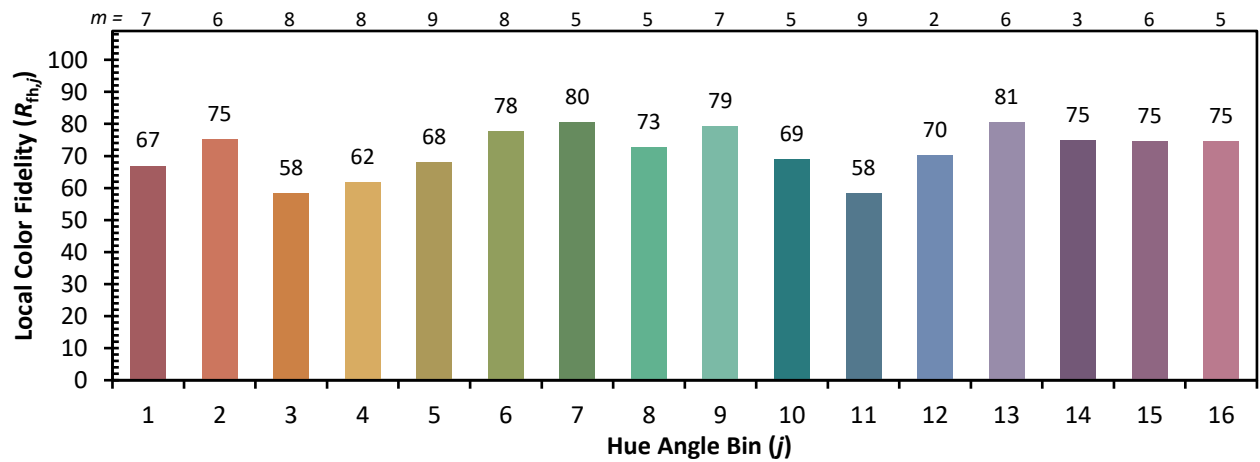
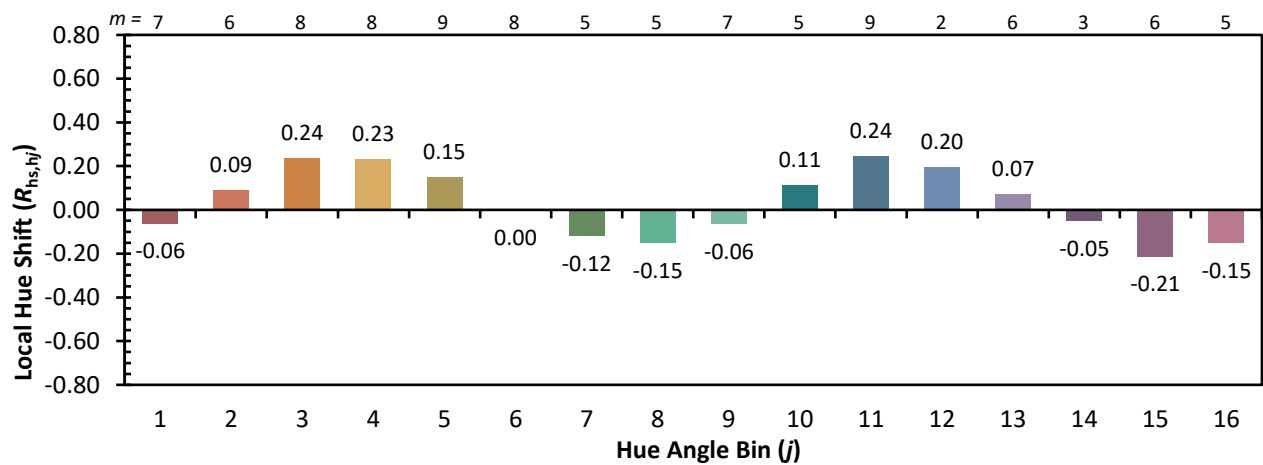
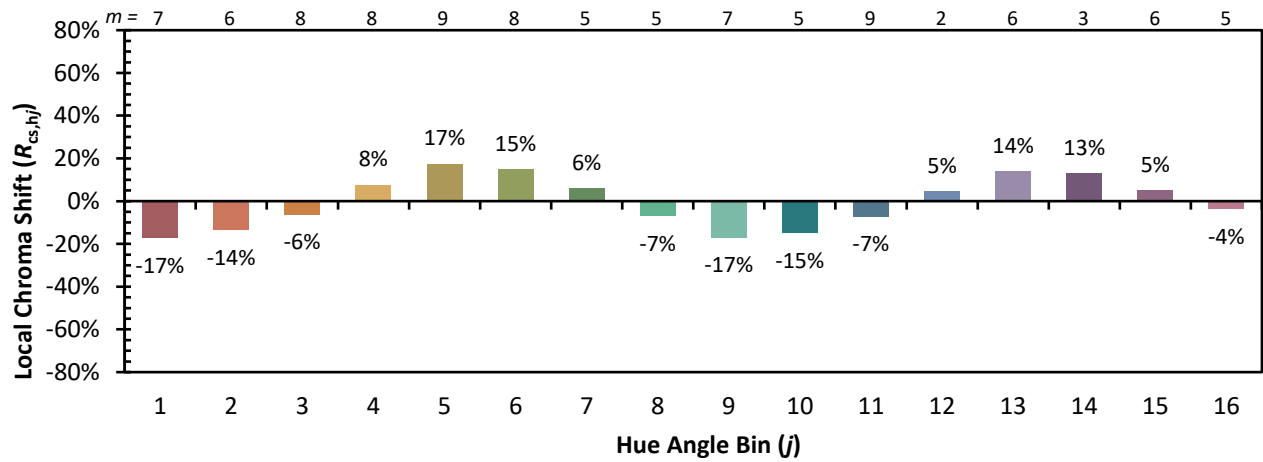
Color Vector Graphics



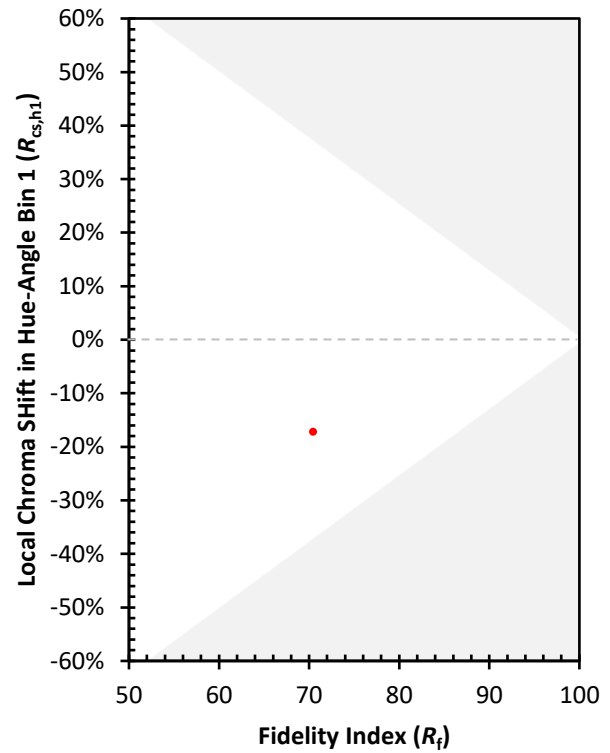
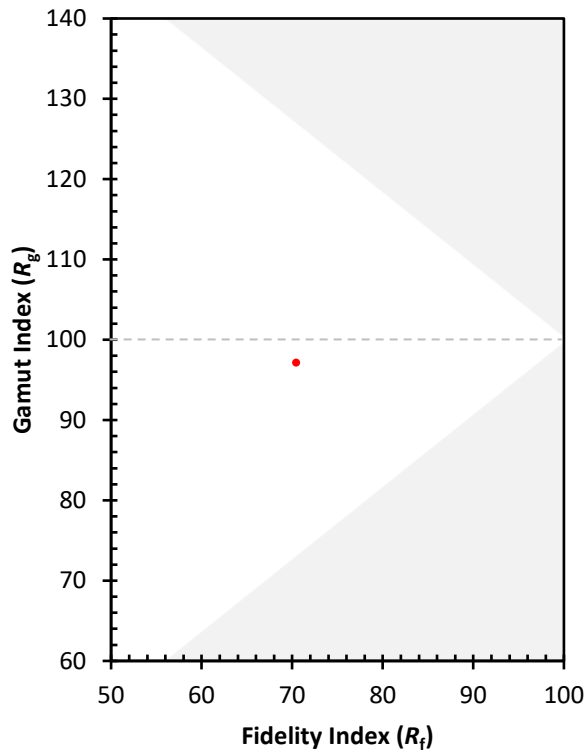
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)