

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: P1066104

Luminaire Tested: **NVN-SA3D-760-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066104
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-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 3xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17987.1 lumens
Efficiency: N/A
Efficacy: 111.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

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



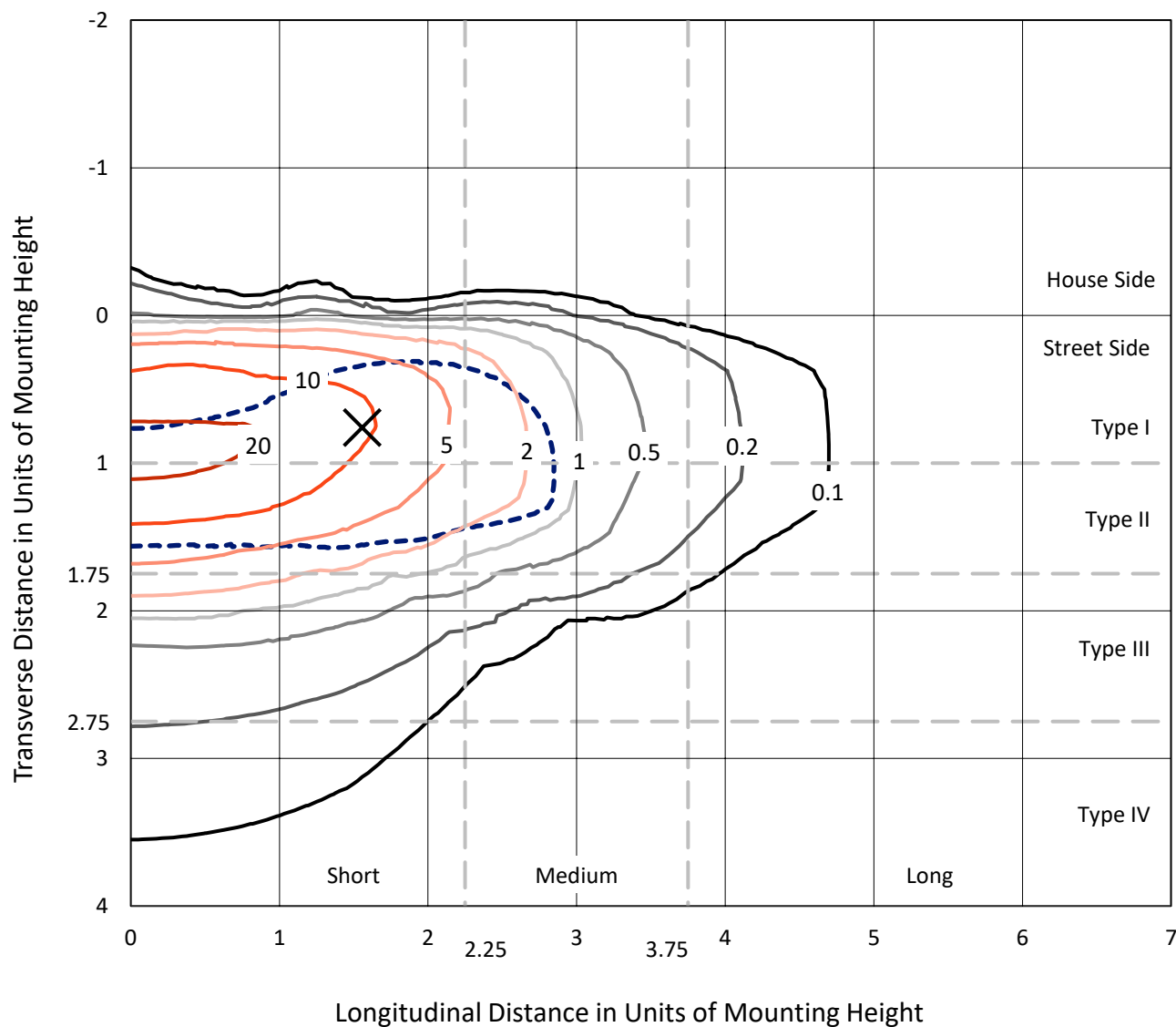
REPORT NUMBER: P1066104

CATALOG NUMBER: NVN-SA3D-760-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

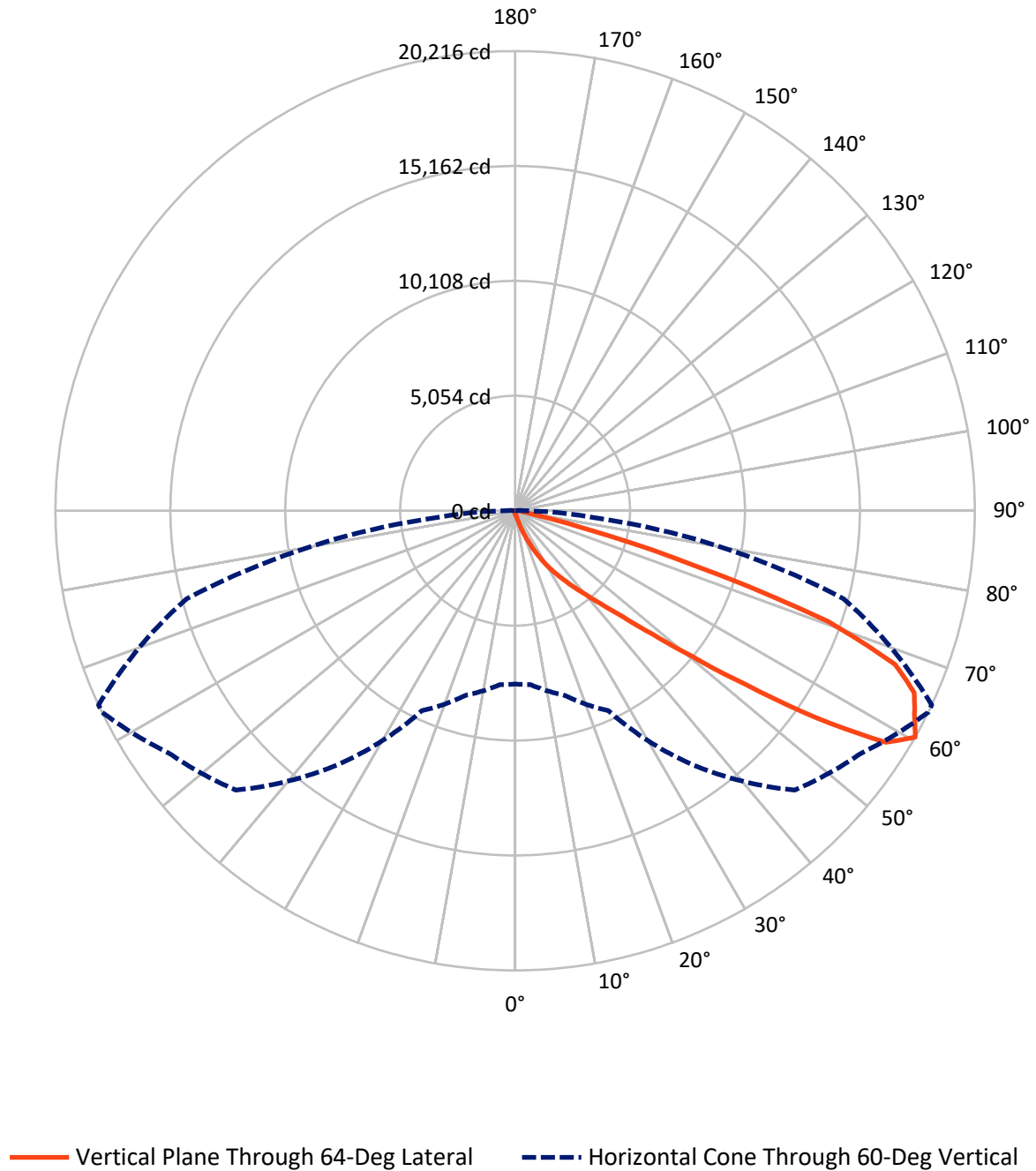


Based on 15 foot mounting height. Maximum calculated value = 25.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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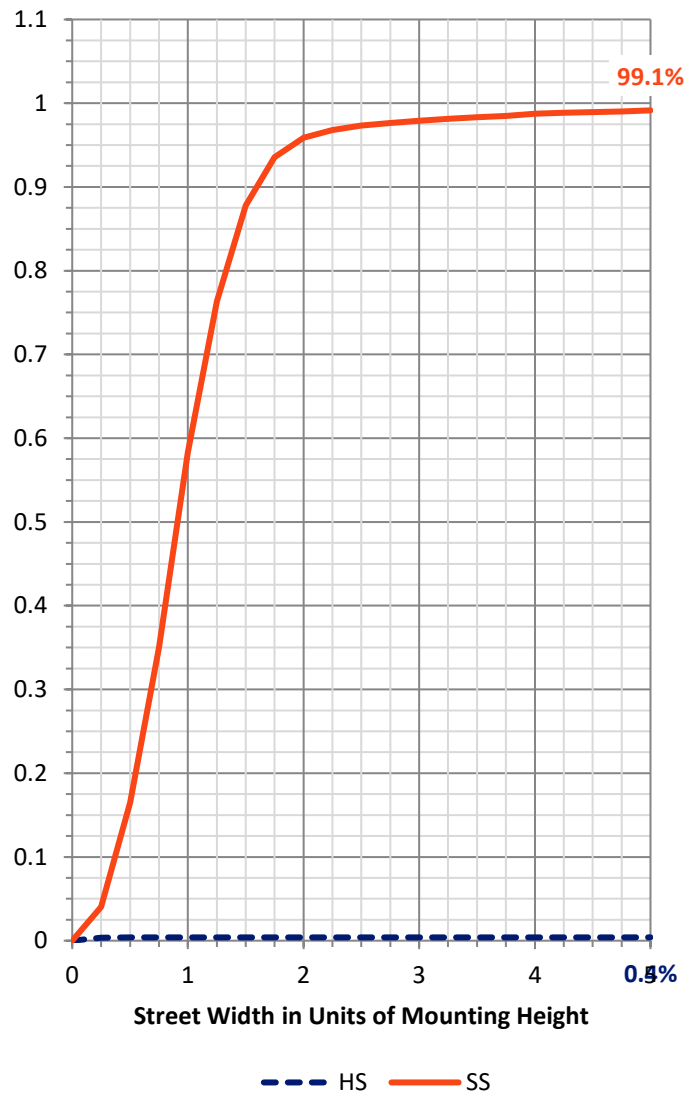
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	72.9	0.0	72.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17914.2	0.0	17914.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	17987.1	0.0	17987.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.9	0.1
10°-20°	176.8	1.0
20°-30°	587.1	3.3
30°-40°	1566.4	8.7
40°-50°	3981.5	22.1
50°-60°	5804.2	32.3
60°-70°	4483.2	24.9
70°-80°	1231.2	6.8
80°-90°	139.0	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°	17987.1	100.0
0°-180°	17987.1	100.0



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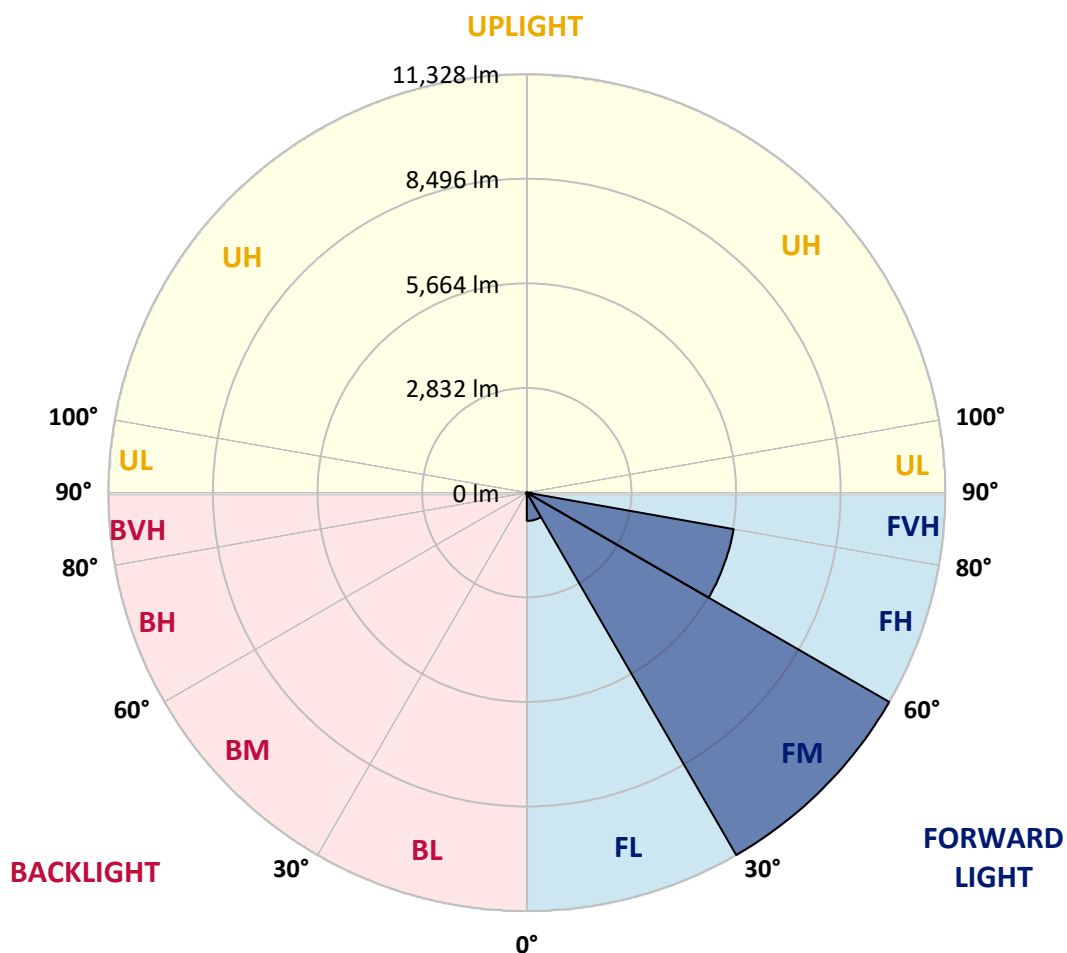
CATALOG NUMBER: NVN-SA3D-760-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	765.3	4.3			
FM	(30°-60°)	11327.9	63.0			
FH	(60°-80°)	5685.2	31.6			G3/7500
FVH	(80°-90°)	135.7	0.8			G2/225
BL	(0°-30°)	16.4	0.1	B0/110		
BM	(30°-60°)	24.2	0.1	B0/220		
BH	(60°-80°)	29.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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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CATALOG NUMBER: NVN-SA3D-760-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8
2.5°	158.4	158.4	158.4	153.5	148.5	148.5	143.6	138.6	138.6	128.7	123.8
5°	242.6	242.6	232.7	222.8	208.0	188.1	168.3	153.5	153.5	138.6	128.7
7.5°	475.3	490.2	445.6	391.1	316.9	267.4	212.9	178.2	173.3	148.5	128.7
10°	1029.9	1019.9	950.6	816.9	643.7	465.4	297.1	217.9	208.0	158.4	128.7
12.5°	1549.7	1564.6	1490.3	1341.8	1133.8	826.9	510.0	282.2	272.3	173.3	128.7
15°	1995.3	1995.3	1945.8	1871.6	1643.8	1322.0	821.9	420.9	386.2	188.1	123.8
17.5°	2302.3	2297.4	2277.6	2257.7	2124.1	1792.3	1257.6	673.4	594.1	222.8	123.8
20°	2648.9	2634.0	2658.8	2619.2	2515.2	2252.8	1718.1	1000.1	925.9	282.2	123.8
22.5°	3010.3	3025.2	3045.0	3005.4	2891.5	2663.7	2203.3	1421.0	1341.8	391.1	128.7
25°	3470.8	3460.9	3505.5	3470.8	3327.2	3059.8	2658.8	1881.5	1767.6	544.6	138.6
27.5°	4035.2	4015.4	4045.1	3956.0	3767.9	3495.6	3064.8	2351.8	2218.1	782.3	158.4
30°	4782.9	4797.7	4664.0	4560.1	4292.7	3931.3	3515.4	2856.8	2718.2	1064.5	178.2
32.5°	5961.2	5857.3	5649.3	5228.5	4876.9	4416.5	3965.9	3297.5	3173.7	1425.9	208.0
35°	7798.1	7818.0	7362.4	6322.7	5560.2	5025.5	4461.0	3782.7	3693.6	1836.9	247.6
37.5°	10036.1	9981.6	9580.6	8268.5	6560.3	5783.0	5025.5	4312.5	4183.8	2282.5	297.1
40°	12571.1	12343.4	12110.6	11219.4	8644.8	6733.6	5738.4	4926.4	4827.4	2797.4	376.3
42.5°	14601.1	14541.7	14581.3	14210.0	12120.5	8352.7	6684.1	5679.0	5560.2	3436.1	514.9
45°	15601.2	15517.1	15754.7	16032.0	15497.3	11798.7	8209.1	6639.6	6481.1	4188.7	727.8
47.5°	15333.9	15274.5	15784.4	16329.1	17042.0	15794.3	10699.6	8075.4	7803.1	5154.2	1044.7
50°	14016.9	14021.8	14858.6	15873.6	17002.4	17819.4	14388.2	10041.0	9699.4	6436.6	1539.8
52.5°	12734.5	12774.1	13660.4	15140.8	16413.2	18057.0	17626.3	12689.9	12135.4	7946.7	2124.1
55°	11417.5	11437.3	12219.6	14304.0	16136.0	17349.0	19289.9	16101.3	15512.1	9828.1	2693.5
57.5°	10150.0	10150.0	10442.1	12293.8	15834.0	17284.7	19091.8	19220.6	18740.3	11977.0	3114.3
60°	7624.9	7674.4	8402.2	9699.4	13655.4	17378.7	18586.8	20215.8	20215.8	14957.6	3436.1
62.5°	3852.0	3926.3	4832.4	6094.9	9367.7	16081.5	18666.0	19715.7	19794.9	17586.7	4168.9
65°	1807.2	1891.4	2376.6	3267.8	5040.3	11318.5	17844.1	19289.9	19265.1	17086.6	5713.7
67.5°	1297.2	1322.0	1485.4	1906.2	2713.3	4961.1	13620.8	18017.4	18027.3	14516.9	6570.2
70°	1163.5	1163.5	1203.1	1326.9	1633.9	2218.1	6619.8	14591.2	15299.2	11209.5	6090.0
72.5°	1148.7	1138.8	1128.9	1133.8	1104.1	1114.0	2272.6	8238.8	9248.8	7842.7	4857.1
75°	1119.0	1119.0	1109.1	1074.4	881.3	717.9	782.3	3332.2	3852.0	5238.4	3604.5
77.5°	886.3	975.4	1079.4	1015.0	807.0	539.7	455.5	965.5	1218.0	3213.3	2614.2
80°	410.9	415.9	410.9	430.8	514.9	386.2	336.7	470.4	475.3	1782.4	1619.0
82.5°	297.1	302.0	287.2	257.5	227.8	208.0	277.3	346.6	371.3	816.9	604.0
85°	89.1	84.2	99.0	133.7	158.4	183.2	232.7	292.1	307.0	302.0	89.1
87.5°	39.6	39.6	49.5	69.3	94.1	138.6	203.0	267.4	272.3	311.9	24.8
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-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8	118.8
2.5°	123.8	118.8	113.9	108.9	104.0	99.0	94.1	94.1	99.0	99.0	99.0
5°	118.8	113.9	104.0	94.1	89.1	84.2	79.2	79.2	84.2	84.2	84.2
7.5°	118.8	108.9	99.0	89.1	79.2	74.3	69.3	69.3	69.3	74.3	74.3
10°	118.8	108.9	94.1	79.2	69.3	64.4	59.4	54.5	59.4	59.4	59.4
12.5°	113.9	104.0	89.1	74.3	59.4	49.5	44.6	44.6	44.6	44.6	44.6
15°	108.9	99.0	84.2	64.4	49.5	39.6	29.7	29.7	29.7	34.7	34.7
17.5°	104.0	94.1	74.3	49.5	34.7	24.8	19.8	19.8	19.8	24.8	24.8
20°	104.0	89.1	64.4	39.6	24.8	14.9	9.9	9.9	9.9	14.9	19.8
22.5°	104.0	89.1	59.4	29.7	14.9	9.9	5.0	5.0	5.0	5.0	5.0
25°	104.0	84.2	54.5	24.8	9.9	5.0	0.0	0.0	5.0	9.9	14.9
27.5°	104.0	79.2	44.6	14.9	9.9	5.0	0.0	5.0	9.9	9.9	9.9
30°	104.0	79.2	39.6	14.9	5.0	0.0	0.0	5.0	9.9	9.9	14.9
32.5°	108.9	74.3	34.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	113.9	69.3	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	123.8	69.3	19.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	138.6	74.3	19.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	173.3	79.2	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	242.6	99.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	356.5	148.5	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	519.9	203.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	638.7	203.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	633.8	128.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	485.2	89.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	410.9	64.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	495.1	49.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	881.3	44.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1416.0	44.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1584.4	44.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1237.8	39.6	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	678.3	34.7	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	341.6	24.8	9.9	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	143.6	19.8	9.9	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	49.5	19.8	9.9	9.9	5.0	5.0	0.0	0.0	0.0	0.0	0.0
85°	24.8	14.9	14.9	9.9	9.9	5.0	5.0	0.0	0.0	0.0	0.0
87.5°	14.9	14.9	14.9	9.9	9.9	5.0	5.0	0.0	0.0	0.0	5.0
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

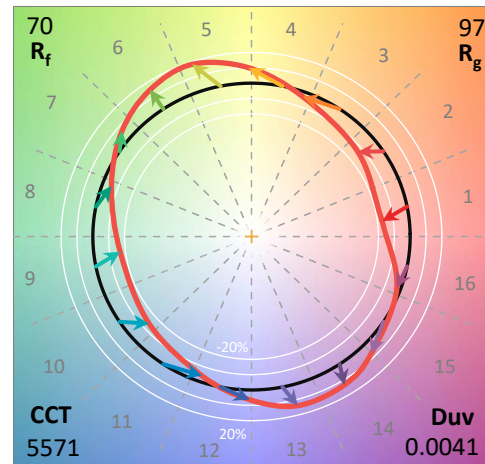
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

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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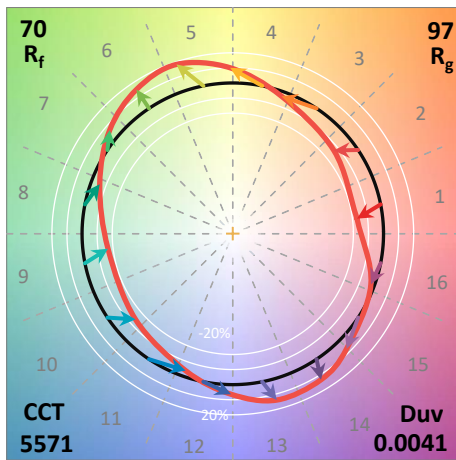
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $\text{CIE } R_a = 69.9$
 $R_g = -35.4$

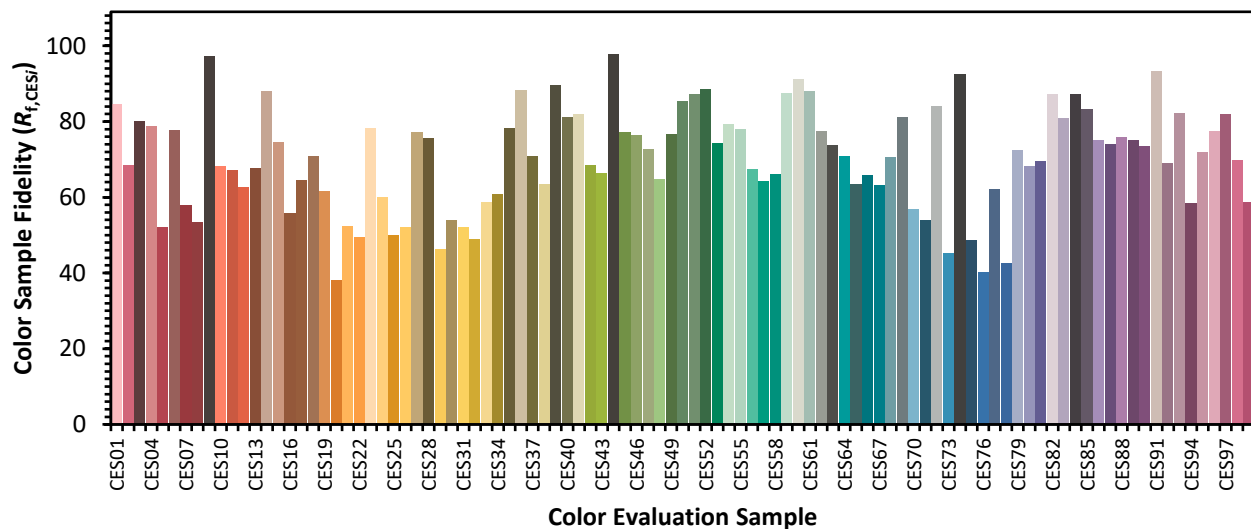


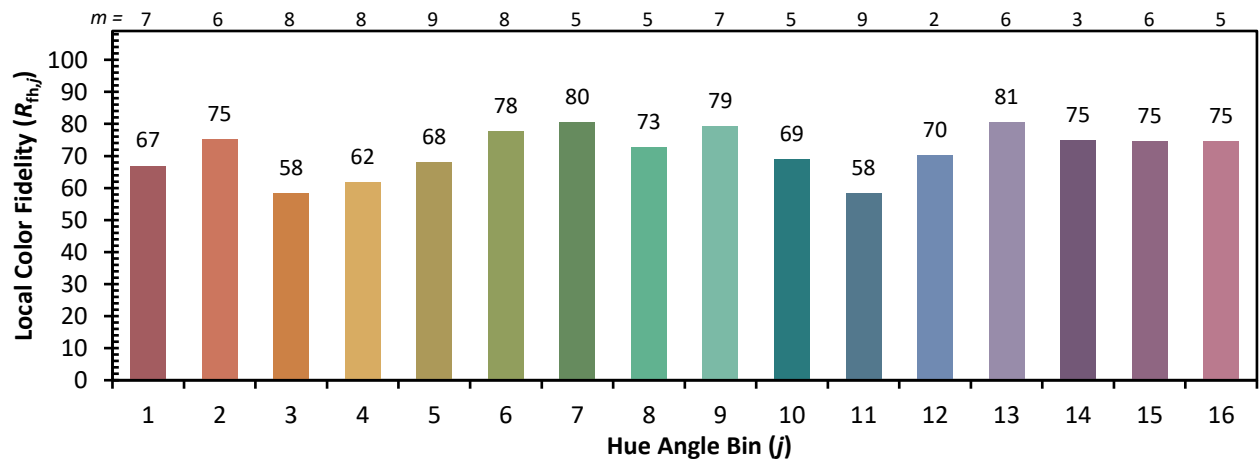
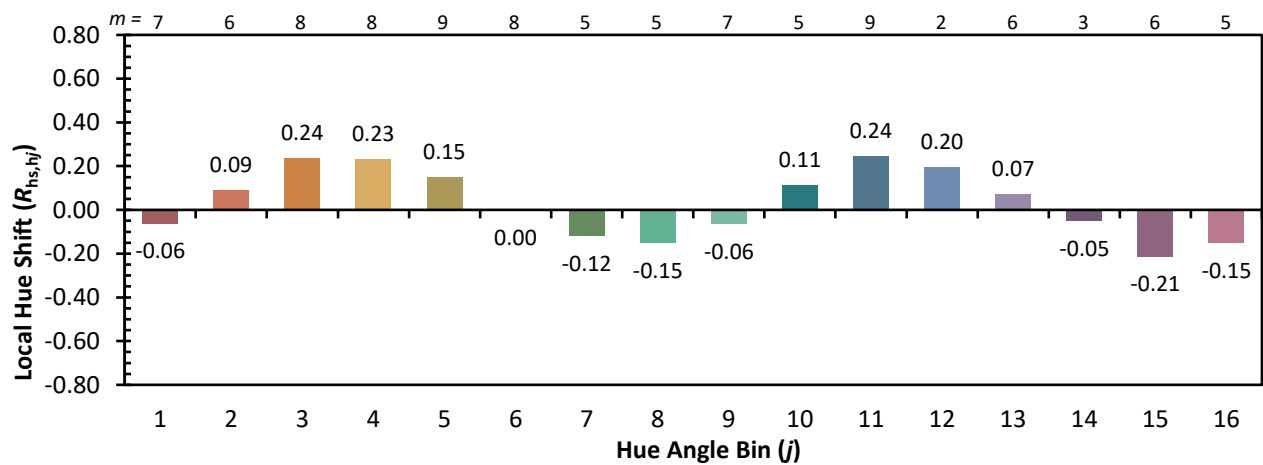
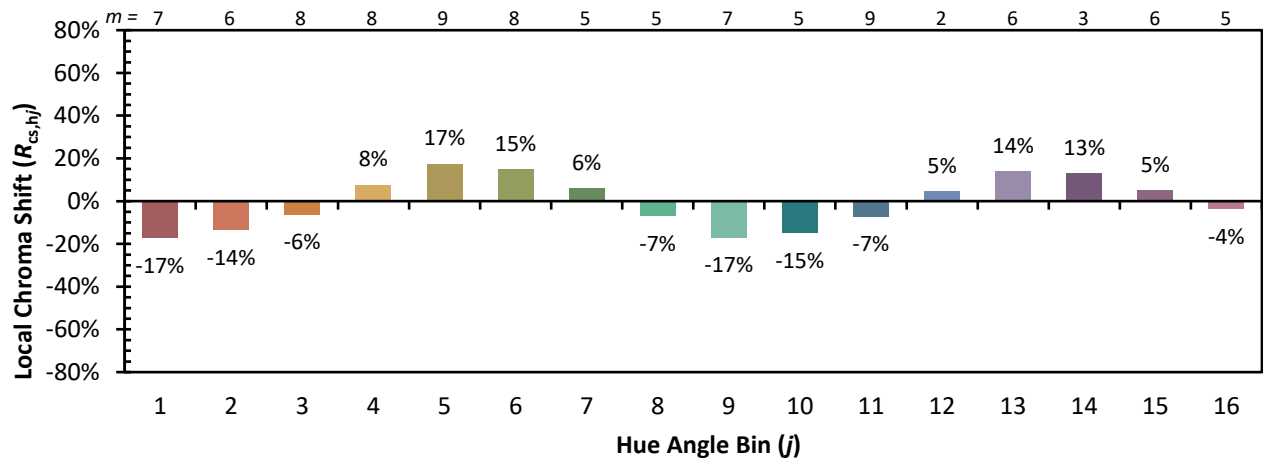
Color Vector Graphics



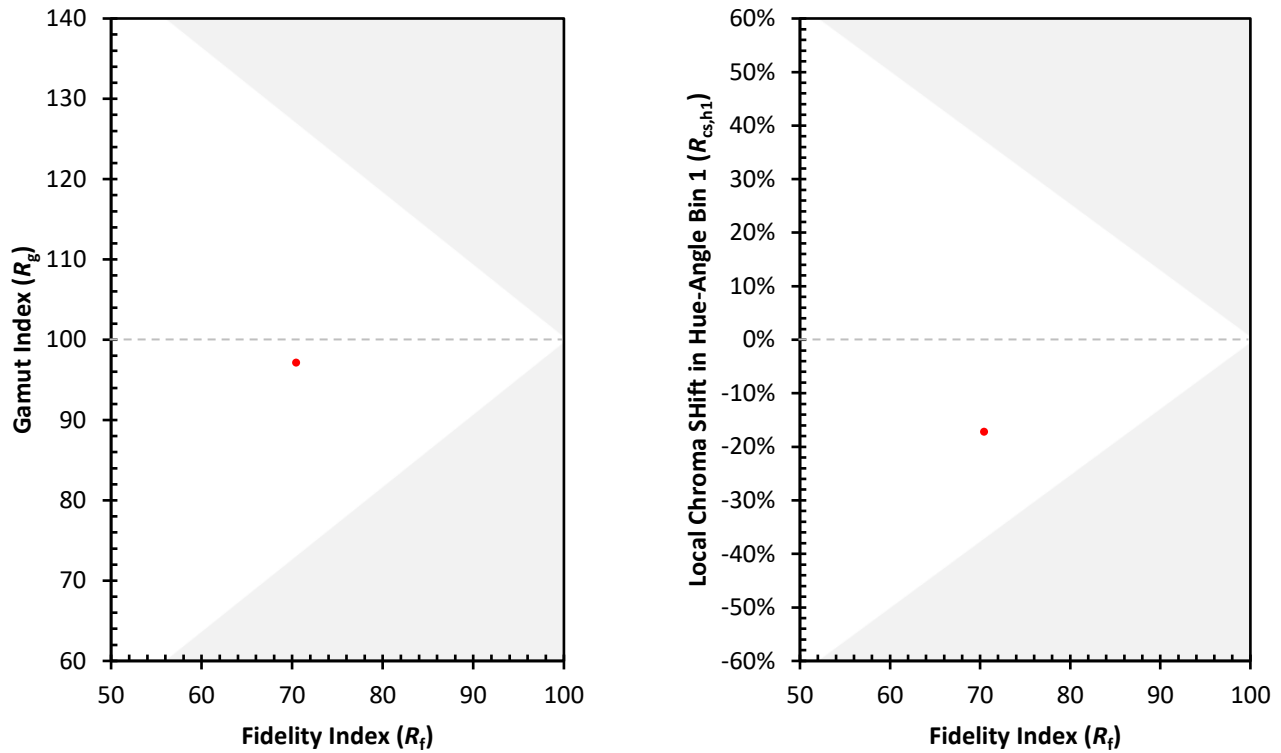
Individual Sample Fidelity Index ($R_{f,i}$)

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)