

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: P1065876

Luminaire Tested: **NVN-SA6D-760-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065876
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA6D-760-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 6xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38157.1 lumens
Efficiency: N/A
Efficacy: 119.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 320.4
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

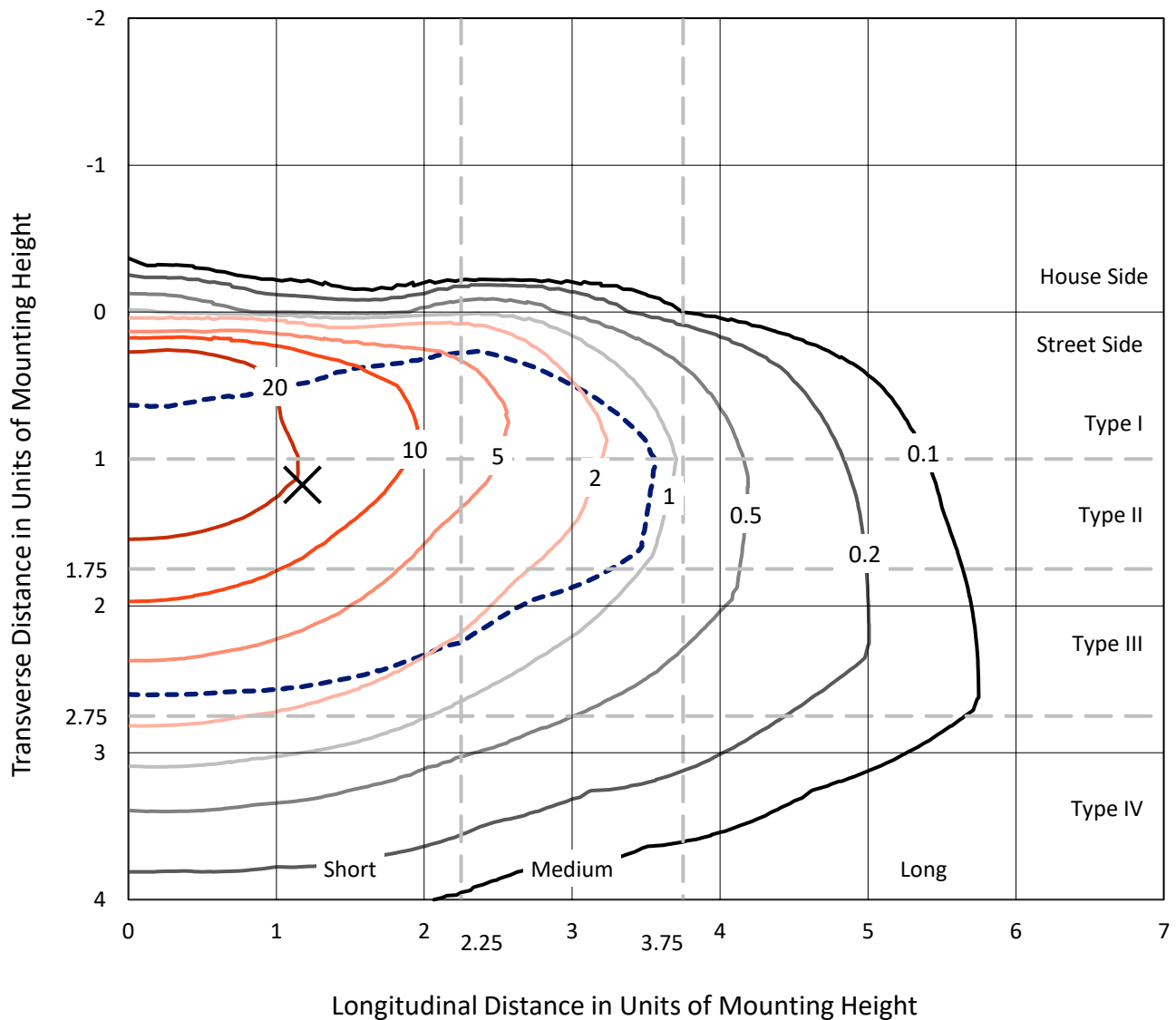


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

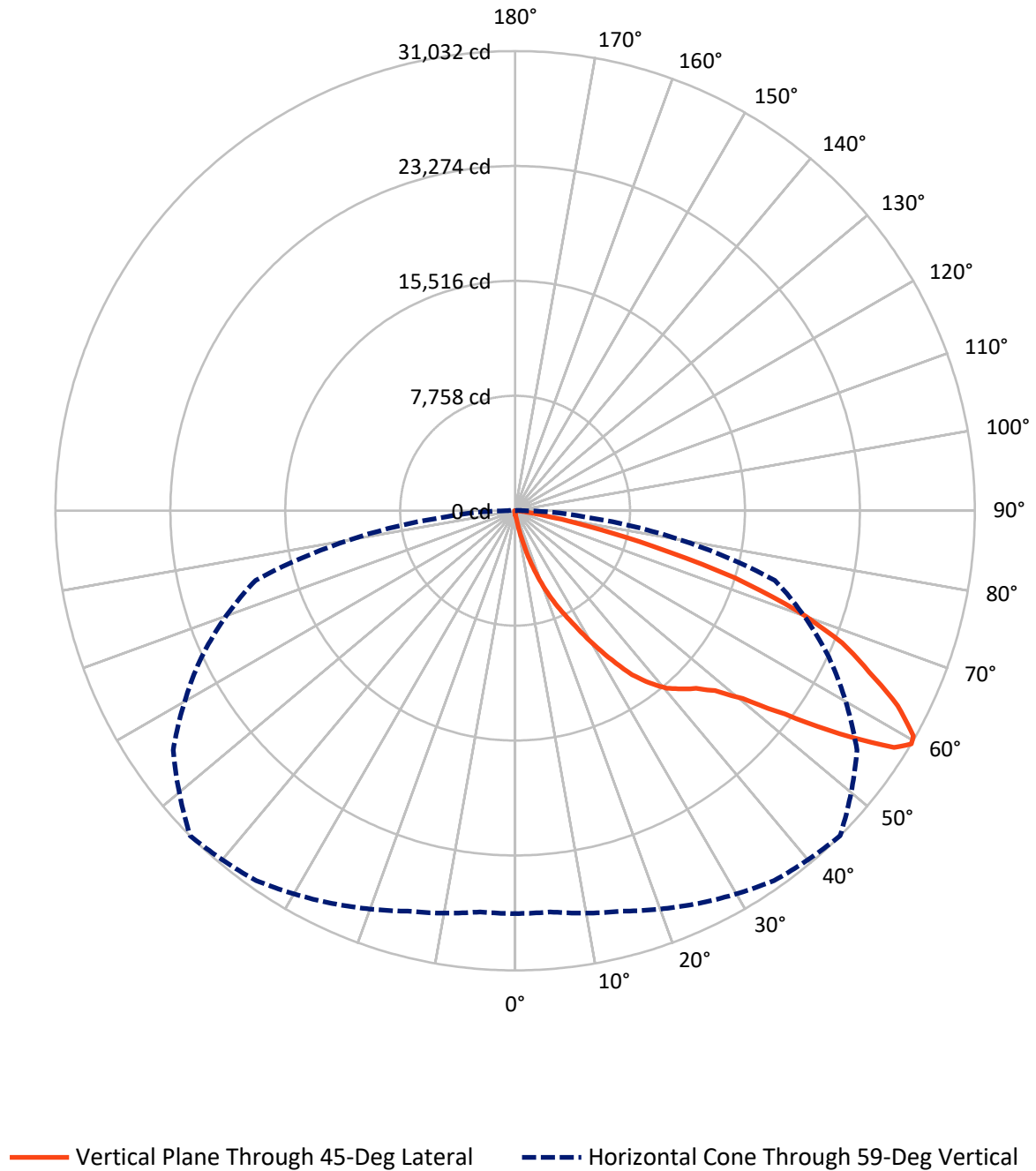


Based on 15 foot mounting height. Maximum calculated value = 41.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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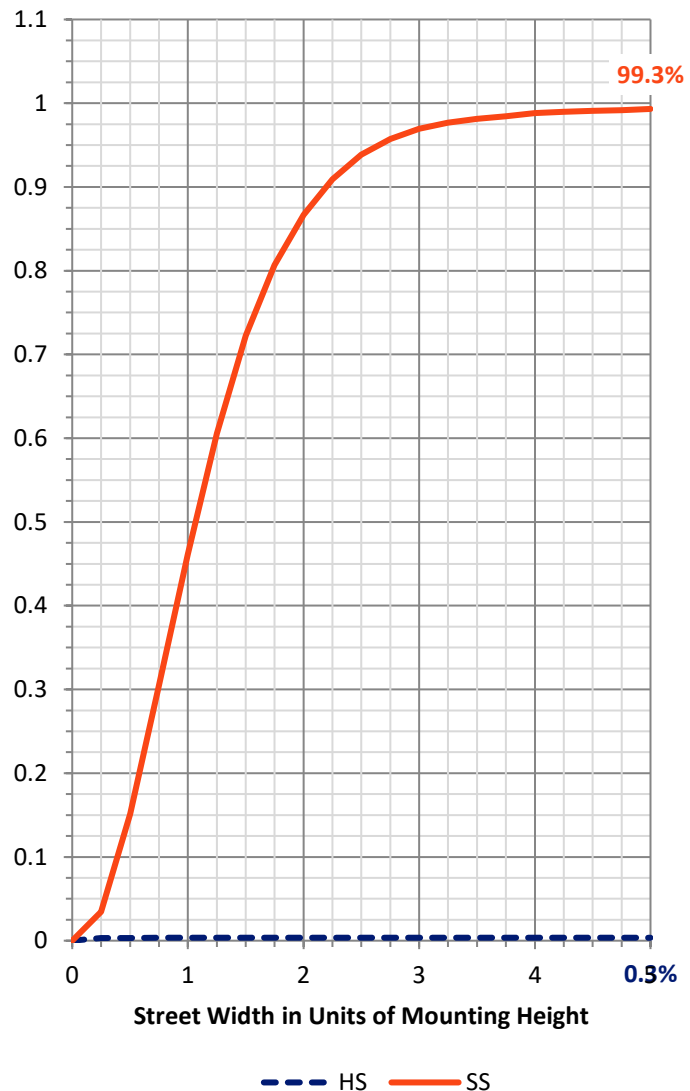
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	135.5	0.0	135.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	38021.6	0.0	38021.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	38157.1	0.0	38157.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.5	0.1
10°-20°	421.7	1.1
20°-30°	1515.4	4.0
30°-40°	3521.3	9.2
40°-50°	6001.9	15.7
50°-60°	9889.6	25.9
60°-70°	11434.5	30.0
70°-80°	4912.6	12.9
80°-90°	424.5	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°	38157.1	100.0
0°-180°	38157.1	100.0



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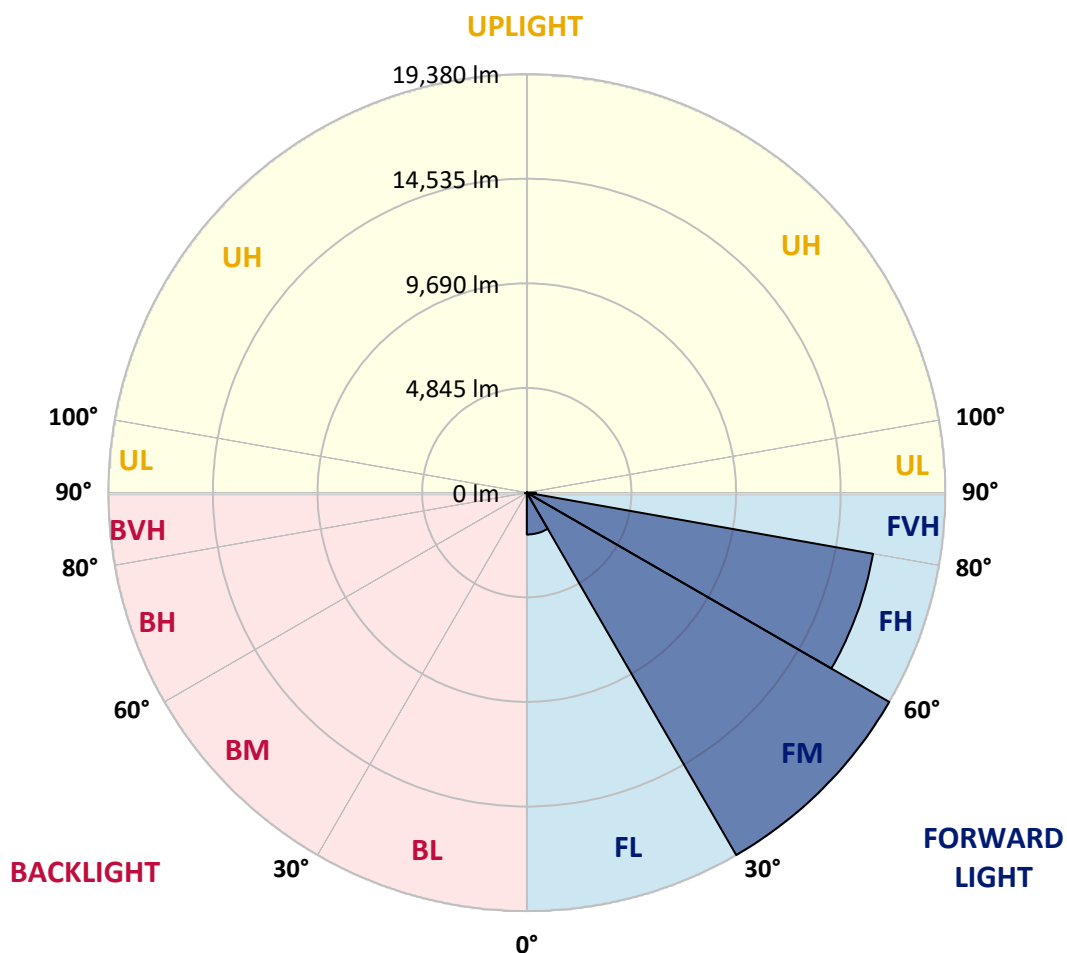
CATALOG NUMBER: NVN-SA6D-760-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1939.2	5.1			
FM	(30°-60°)	19380.0	50.8			
FH	(60°-80°)	16283.4	42.7			G5
FVH	(80°-90°)	419.0	1.1			G3/500
BL	(0°-30°)	33.4	0.1	B0/110		
BM	(30°-60°)	32.8	0.1	B0/220		
BH	(60°-80°)	63.7	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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-G5

Type III Short





REPORT NUMBER: P1065876

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2
2.5°	313.0	313.0	305.3	295.1	292.5	284.8	284.8	277.1	266.8	259.1	248.9
5°	454.1	451.6	431.0	405.4	372.0	351.5	351.5	323.3	297.6	274.5	254.0
7.5°	992.9	969.8	895.4	772.3	610.6	502.9	495.2	402.8	341.2	295.1	256.6
10°	2278.3	2198.8	2093.6	1798.6	1329.0	928.8	910.8	587.5	407.9	318.1	261.7
12.5°	3733.1	3797.2	3586.8	3122.4	2573.4	1914.0	1785.7	990.4	538.8	348.9	266.8
15°	5057.0	5041.6	4923.6	4543.8	3910.1	3032.7	2953.1	1721.6	772.3	397.7	272.0
17.5°	6047.3	6029.4	5916.5	5672.7	5185.3	4307.8	4238.5	2745.3	1211.0	467.0	277.1
20°	7091.6	7068.5	6909.4	6714.4	6288.5	5541.9	5459.8	3889.6	1896.0	579.8	277.1
22.5°	8343.6	8300.0	8130.7	7799.7	7350.7	6701.6	6627.2	5059.5	2745.3	764.6	289.9
25°	9857.4	9783.0	9549.5	9251.9	8710.5	7848.5	7768.9	6362.9	3769.0	1044.2	302.8
27.5°	11584.1	11596.9	11281.4	10778.5	10052.4	9172.4	9023.5	7530.3	4828.6	1444.5	318.1
30°	13634.1	13505.8	13061.9	12477.0	11771.4	10650.2	10506.5	8692.6	6019.1	2034.6	343.8
32.5°	15553.2	15414.7	14816.9	14080.5	13323.6	12140.9	12022.8	9998.5	7101.8	2732.5	390.0
35°	17200.4	17102.9	16266.5	15368.5	14696.3	13639.2	13603.3	11455.8	8374.4	3484.2	441.3
37.5°	18650.0	18473.0	17398.0	16466.6	15784.1	14837.4	14760.4	12790.0	9600.8	4356.5	518.3
40°	19886.7	19789.2	18478.1	17254.3	16700.1	15853.4	15755.9	13959.9	10868.3	5370.0	613.2
42.5°	21210.6	21082.3	19809.7	18437.1	17415.9	16510.2	16446.1	14924.6	11997.2	6483.5	754.3
45°	22706.4	22467.8	21351.7	20120.2	18567.9	17190.1	17118.3	15784.1	13154.3	7679.1	926.2
47.5°	24304.8	24097.0	23193.9	22329.2	20543.5	18311.4	18157.4	16515.4	14303.7	9059.5	1144.3
50°	25931.5	25936.6	25259.3	24843.6	22957.8	20133.0	19914.9	17590.4	15512.2	10537.3	1467.6
52.5°	27825.0	27873.7	27863.4	27555.6	26093.1	23111.8	22819.3	19222.2	16915.6	12261.5	1914.0
55°	28617.8	28705.0	29272.0	29954.5	29556.8	26888.5	26575.5	22036.7	18775.7	14183.2	2576.0
57.5°	27968.6	28066.1	28848.7	30044.3	30957.7	30195.7	30159.7	25700.6	21226.0	16512.8	3658.7
59°	27196.4	27183.5	27986.6	29254.0	30485.6	30980.8	31032.1	28179.0	23360.6	18147.2	4592.6
60°	26683.2	26693.5	27227.1	28528.0	29836.5	30696.0	30896.1	29638.9	24607.6	19322.2	5393.1
62.5°	24702.5	24820.5	25243.9	26452.3	27694.1	28653.7	28994.9	30939.7	28176.5	22098.3	8176.9
65°	22549.9	22557.6	23160.5	24194.5	25385.0	26059.8	26275.3	28915.4	30560.0	24925.7	11827.8
67.5°	18709.0	18865.5	19550.6	21226.0	22798.8	23653.1	23817.3	25169.5	29572.2	26767.9	13657.2
70°	13092.7	13298.0	14275.5	16448.7	18791.1	20194.6	20184.3	20923.2	26026.4	25946.9	11579.0
72.5°	6537.4	6891.5	7689.4	10016.5	12854.1	15058.1	15522.4	16831.0	20907.8	21551.8	8638.7
75°	2889.0	2909.5	3363.6	4536.1	6388.6	9187.7	9603.4	13359.6	16040.7	14978.5	6239.8
77.5°	1680.5	1695.9	1778.0	2037.2	2588.8	4502.8	4969.7	8761.8	11335.2	8705.4	4069.2
80°	610.6	626.0	623.5	772.3	1134.0	1772.9	1975.6	4246.2	7561.1	4584.9	2132.1
82.5°	374.6	374.6	361.8	364.3	413.1	679.9	744.1	1808.8	3681.8	2257.8	610.6
85°	184.7	195.0	207.8	233.5	277.1	336.1	356.6	518.3	1239.2	546.5	146.2
87.5°	110.3	112.9	123.2	148.8	184.7	241.2	256.6	351.5	443.9	366.9	35.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1065876

CATALOG NUMBER: NVN-SA6D-760-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2	241.2
2.5°	243.7	241.2	228.3	218.1	207.8	197.6	189.9	182.2	182.2	184.7	182.2
5°	243.7	233.5	213.0	195.0	179.6	166.8	153.9	143.7	141.1	141.1	143.7
7.5°	241.2	228.3	200.1	177.0	156.5	138.5	125.7	112.9	110.3	112.9	110.3
10°	238.6	223.2	189.9	161.6	133.4	115.5	97.5	84.7	84.7	84.7	87.2
12.5°	238.6	215.5	179.6	146.2	115.5	94.9	77.0	64.1	61.6	61.6	61.6
15°	236.0	210.4	169.3	128.3	97.5	71.8	56.4	43.6	43.6	43.6	43.6
17.5°	230.9	202.7	156.5	112.9	77.0	53.9	38.5	25.7	25.7	30.8	30.8
20°	225.8	195.0	141.1	92.4	64.1	41.1	25.7	15.4	15.4	23.1	25.7
22.5°	228.3	195.0	130.9	82.1	51.3	30.8	20.5	12.8	10.3	18.0	23.1
25°	230.9	189.9	118.0	71.8	38.5	23.1	15.4	5.1	2.6	5.1	7.7
27.5°	230.9	184.7	102.6	56.4	28.2	18.0	7.7	0.0	0.0	0.0	0.0
30°	228.3	177.0	89.8	46.2	20.5	10.3	2.6	0.0	0.0	0.0	0.0
32.5°	225.8	169.3	82.1	35.9	18.0	5.1	0.0	0.0	0.0	0.0	0.0
35°	228.3	159.1	71.8	28.2	10.3	0.0	0.0	0.0	0.0	0.0	5.1
37.5°	236.0	148.8	61.6	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	246.3	141.1	51.3	18.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	266.8	141.1	46.2	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	292.5	141.1	38.5	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	325.8	143.7	33.4	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	366.9	148.8	30.8	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	397.7	143.7	28.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	451.6	138.5	25.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	523.4	130.9	25.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	595.2	120.6	25.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	677.3	115.5	23.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1118.6	102.6	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2160.3	97.5	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3491.9	97.5	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3671.5	97.5	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2442.5	79.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1308.5	71.8	7.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	705.6	66.7	10.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	310.4	48.7	12.8	7.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	123.2	33.4	15.4	12.8	10.3	5.1	0.0	0.0	0.0	0.0	0.0
85°	59.0	25.7	20.5	18.0	12.8	7.7	0.0	0.0	0.0	0.0	0.0
87.5°	28.2	25.7	23.1	20.5	18.0	12.8	2.6	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

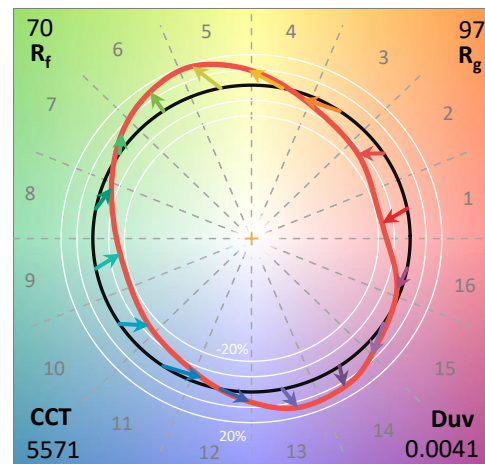
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

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			

REPORT NUMBER: SP1-2407-184-7

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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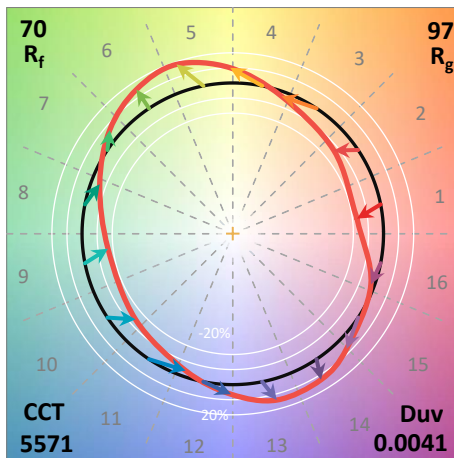
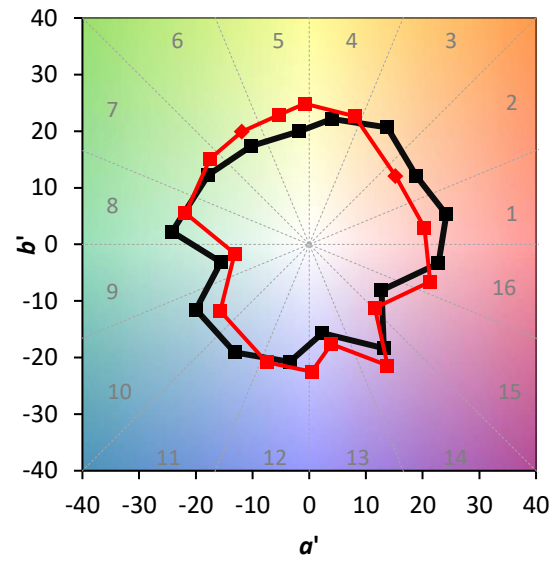
TM-30-18

Summary

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

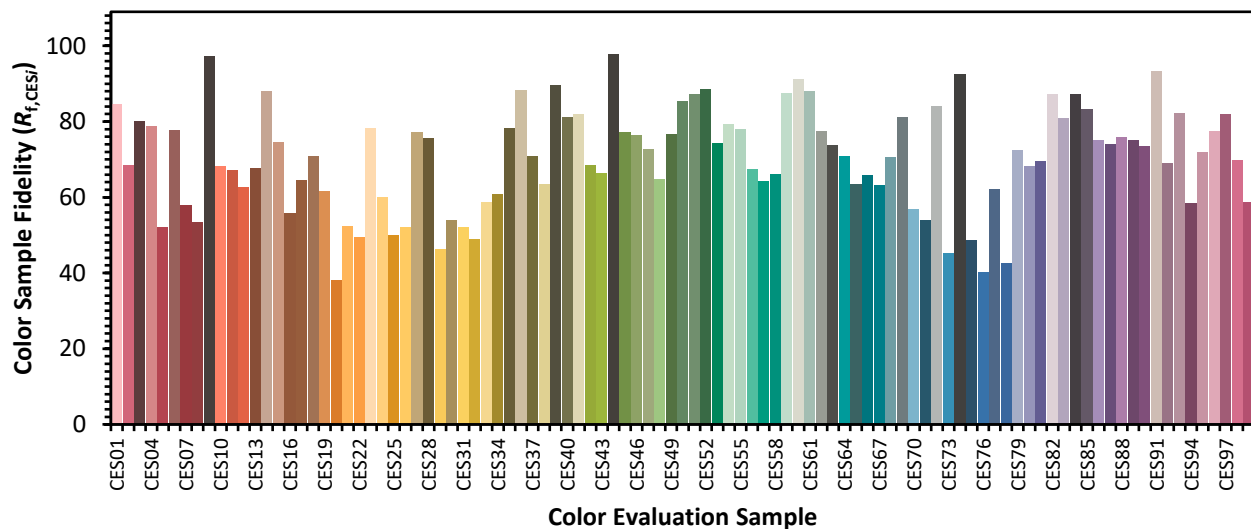


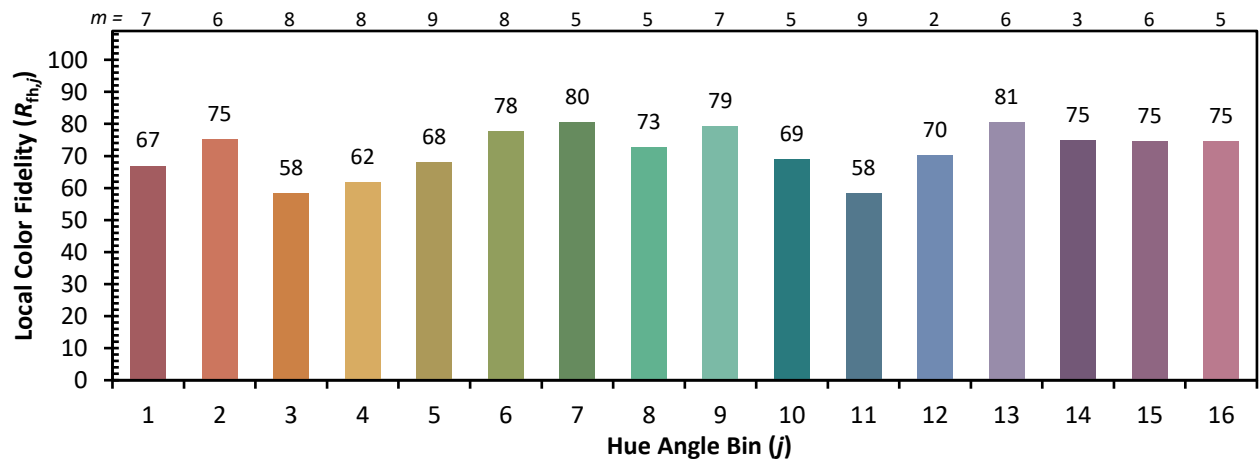
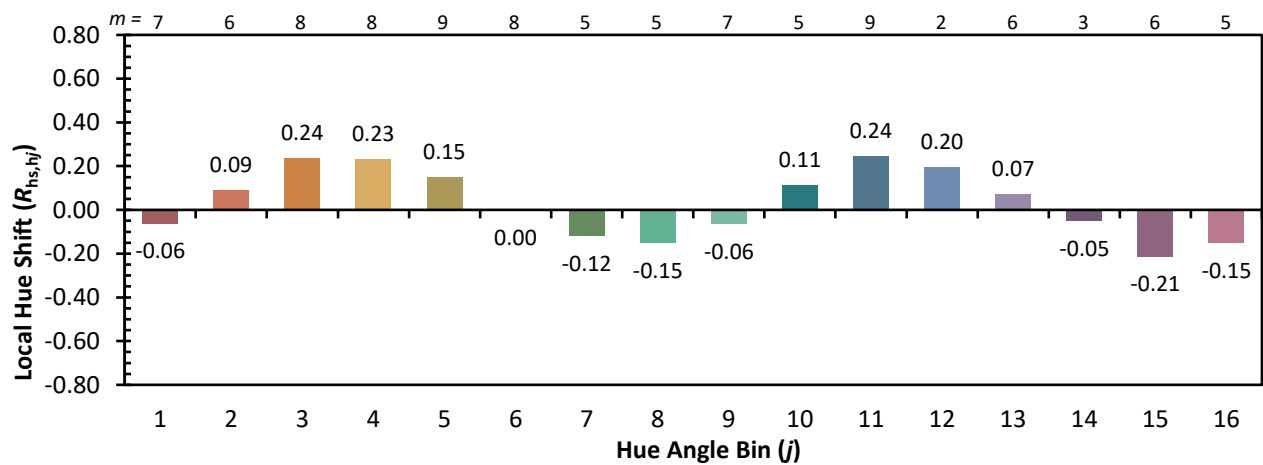
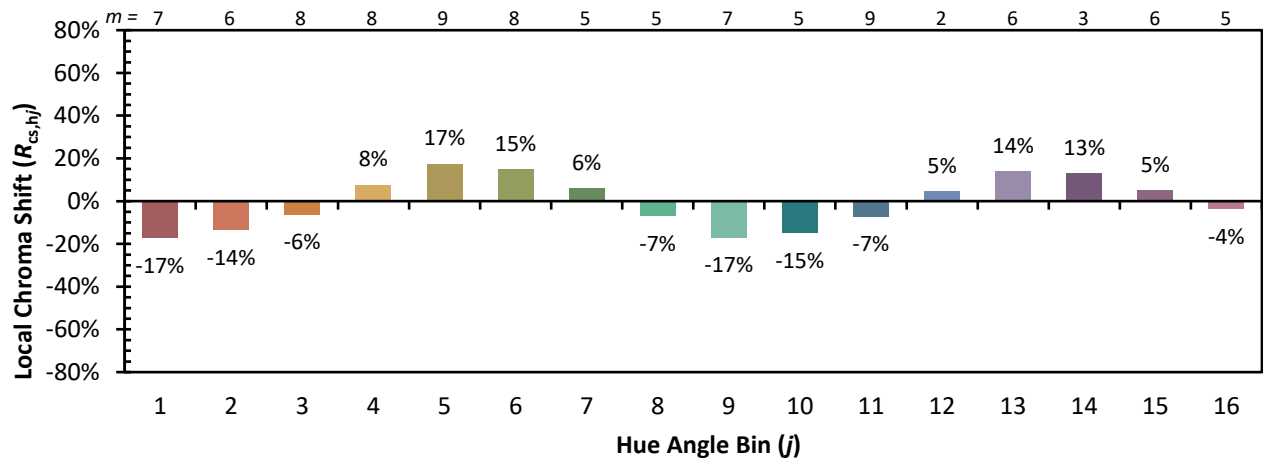
Color Vector Graphics



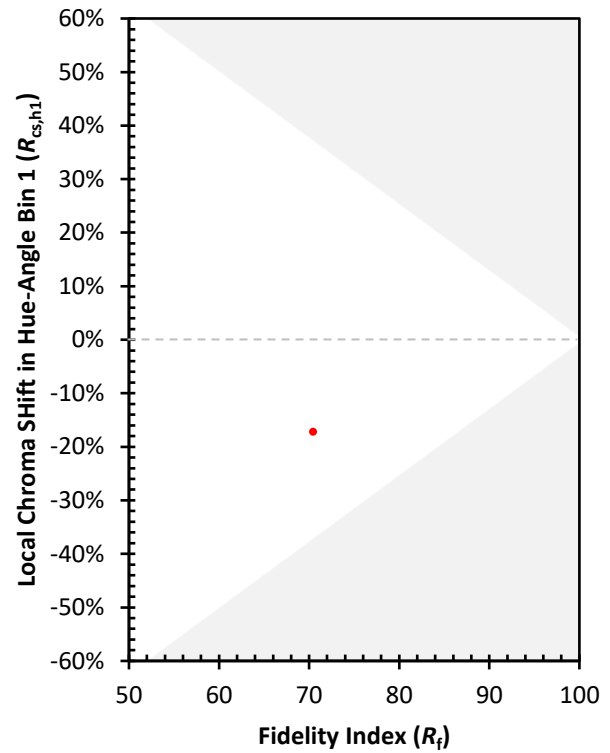
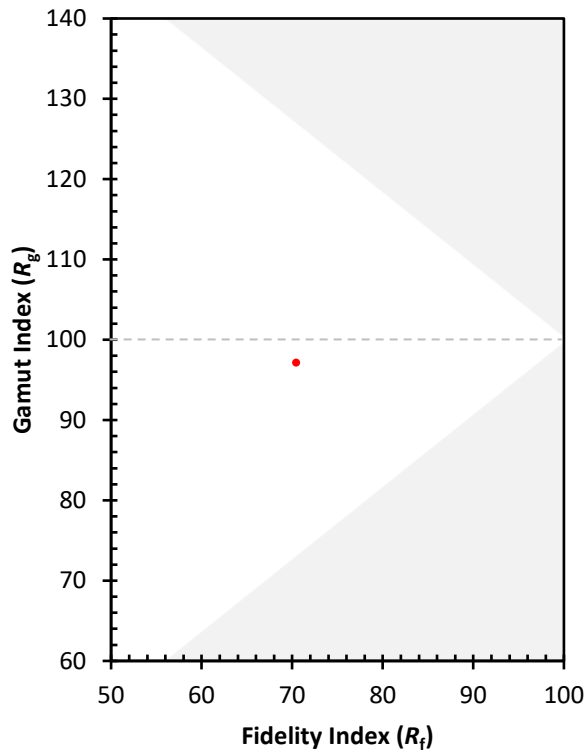
Individual Sample Fidelity Index ($R_{f,i}$)

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)