

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: P1066248

Luminaire Tested: **NVN-SA3D-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066248
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3D-727-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15246.2 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type IV - 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



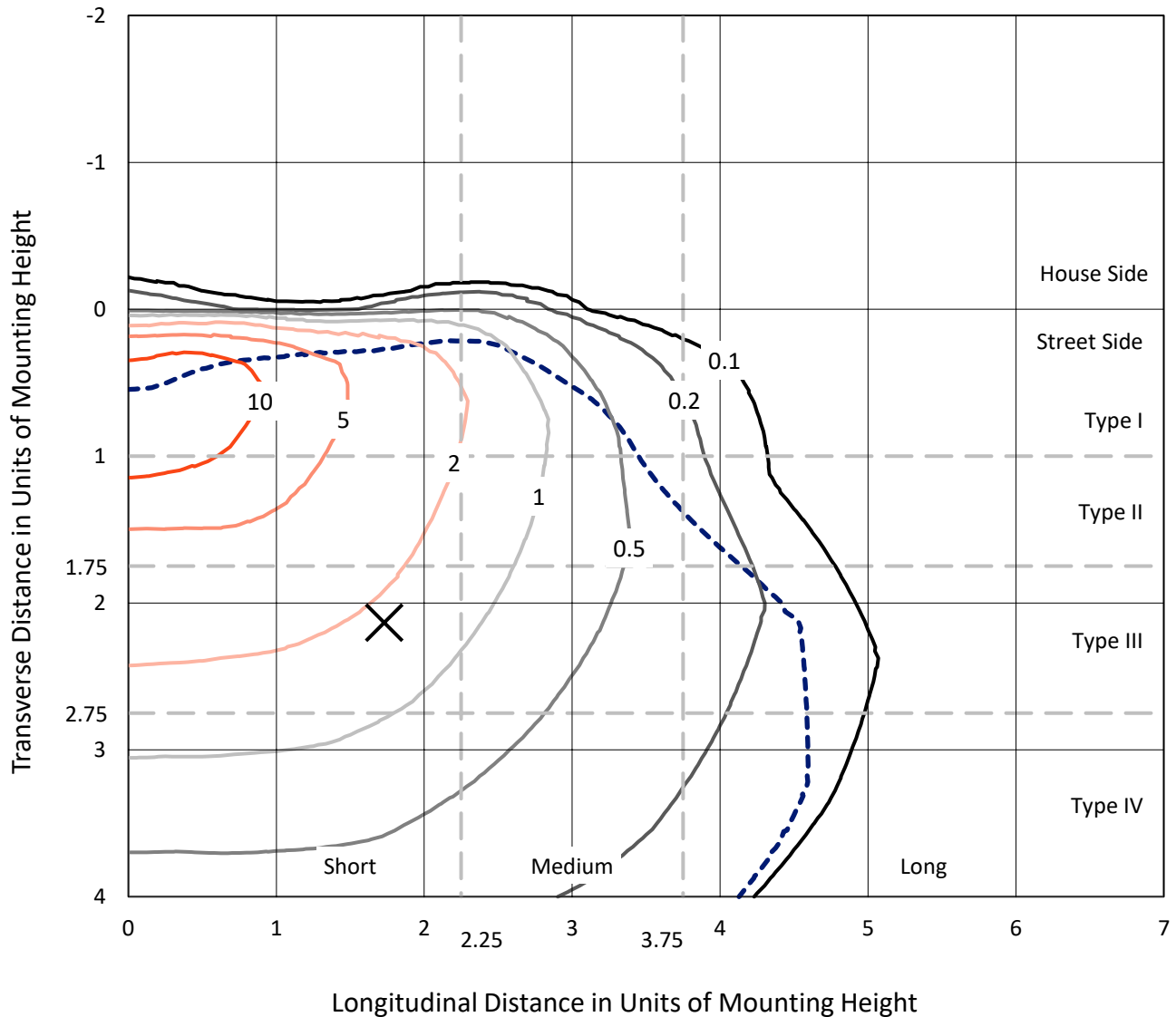
REPORT NUMBER: P1066248

CATALOG NUMBER: NVN-SA3D-727-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

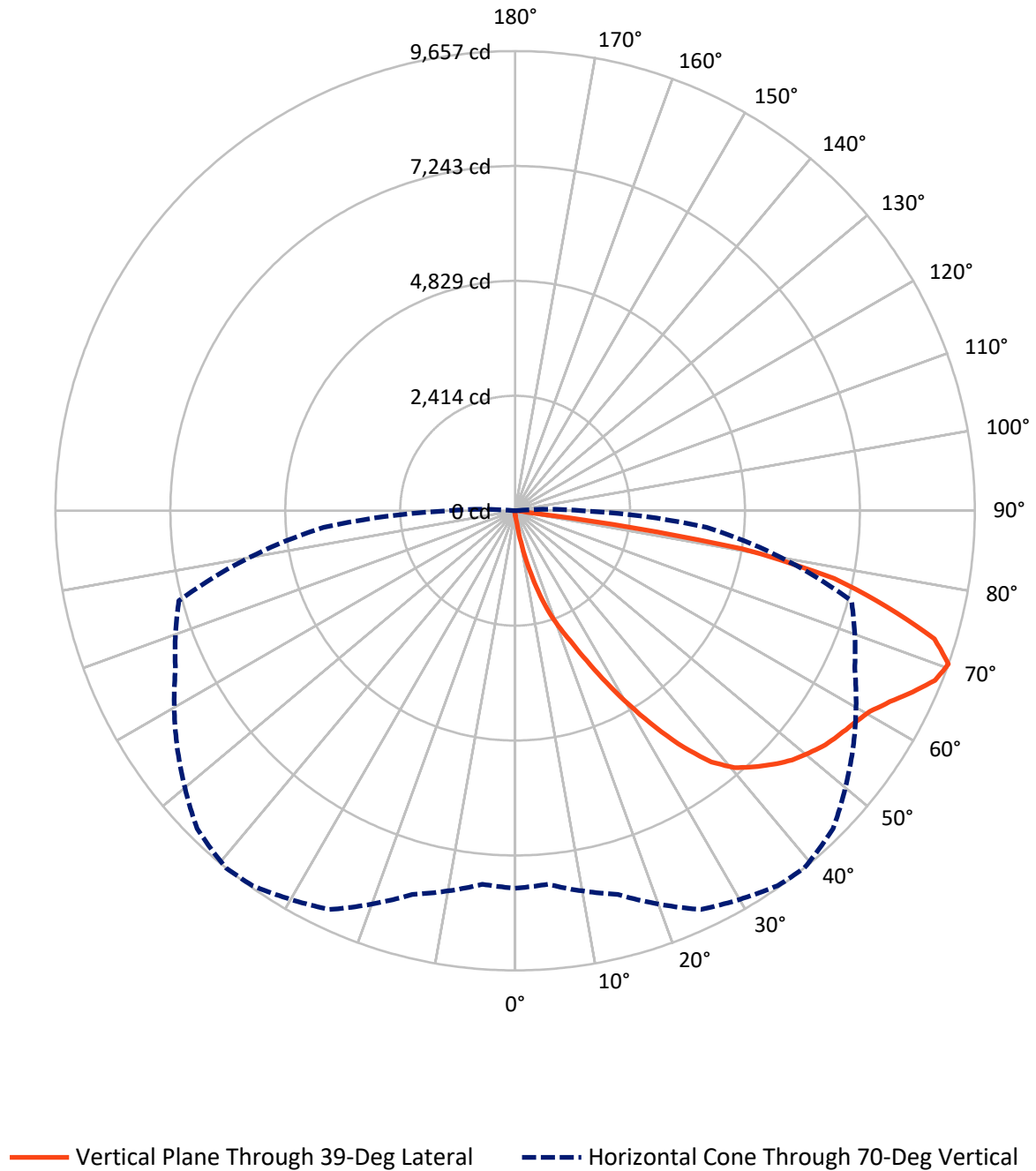


Based on 15 foot mounting height. Maximum calculated value = 16.6 fc
 Type IV - Short - N/A

REPORT NUMBER: P1066248

CATALOG NUMBER: NVN-SA3D-727-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1066248

CATALOG NUMBER: NVN-SA3D-727-U-T4BC

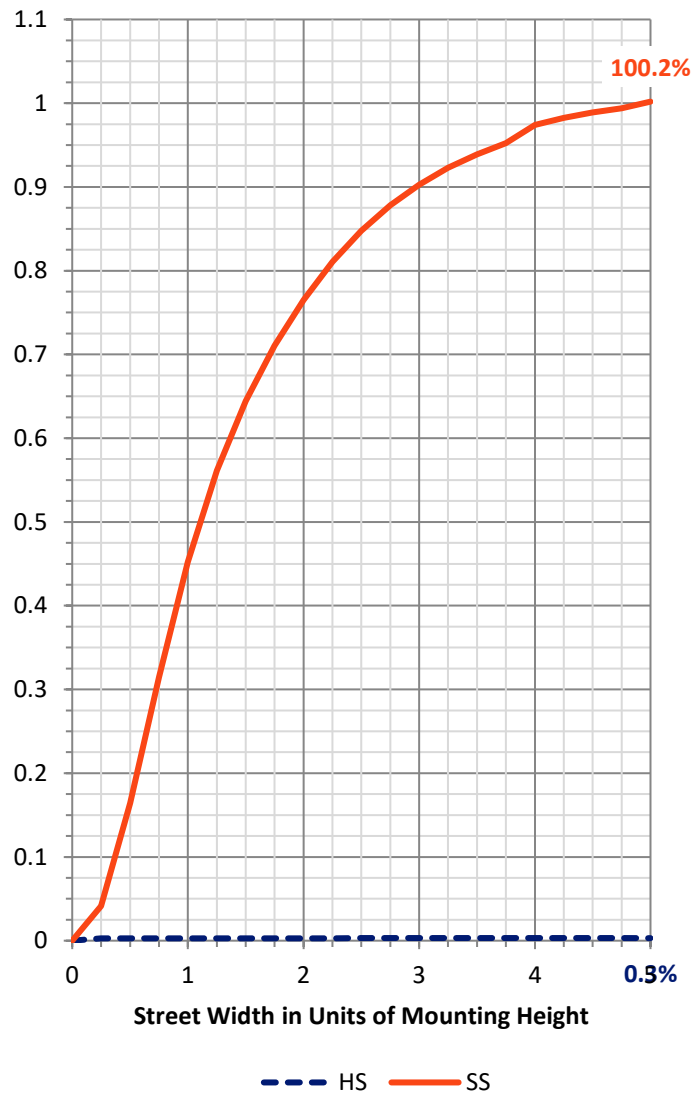
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.9	0.0	46.9
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	15199.3	0.0	15199.3
	% Fixture	99.7	0.0	99.7
Total	Lumens	15246.2	0.0	15246.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.0	0.1
10°-20°	187.4	1.2
20°-30°	636.1	4.2
30°-40°	1494.8	9.8
40°-50°	2427.3	15.9
50°-60°	3075.9	20.2
60°-70°	3907.2	25.6
70°-80°	3174.6	20.8
80°-90°	326.9	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°	15246.2	100.0
0°-180°	15246.2	100.0



REPORT NUMBER: P1066248

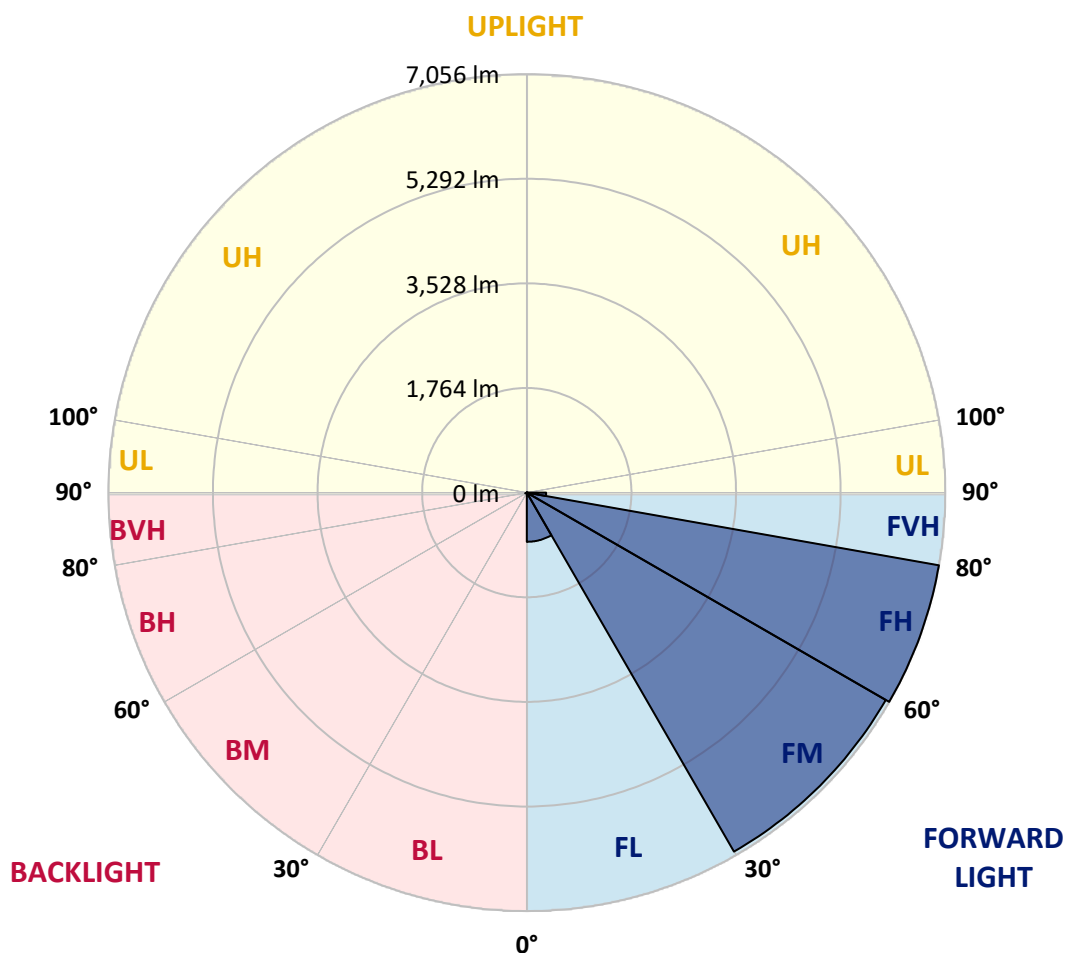
CATALOG NUMBER: NVN-SA3D-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	829.4	5.4			
FM	(30°-60°)	6989.0	45.8			
FH	(60°-80°)	7056.0	46.3			G3/7500
FVH	(80°-90°)	324.9	2.1			G3/500
BL	(0°-30°)	10.2	0.1	B0/110		
BM	(30°-60°)	9.0	0.1	B0/220		
BH	(60°-80°)	25.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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 IV Short



REPORT NUMBER: P1066248

CATALOG NUMBER: NVN-SA3D-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2.5°	107.6	107.6	107.6	103.5	103.5	99.3	99.3	95.2	91.1	91.1	86.9
5°	202.8	207.0	194.5	169.7	153.2	144.9	136.6	115.9	103.5	95.2	86.9
7.5°	554.7	538.1	513.3	430.5	331.1	281.5	240.1	169.7	124.2	99.3	86.9
10°	1167.3	1121.8	1051.4	939.6	745.1	666.4	517.4	310.4	173.9	111.8	86.9
12.5°	1713.7	1721.9	1635.0	1527.4	1291.5	1159.0	956.2	583.6	273.2	132.5	86.9
15°	2127.6	2119.3	2086.2	1999.3	1788.2	1659.9	1477.7	981.0	459.5	165.6	91.1
17.5°	2454.6	2421.5	2409.1	2371.8	2235.2	2164.9	1966.2	1444.6	728.5	223.5	95.2
20°	2781.6	2773.3	2760.9	2719.5	2628.5	2578.8	2425.6	1912.4	1084.5	318.7	103.5
22.5°	3257.6	3212.1	3220.4	3129.3	3054.8	2967.9	2843.7	2409.1	1494.3	455.3	115.9
25°	3816.4	3812.3	3746.1	3704.7	3580.5	3485.3	3319.7	2889.2	1949.6	658.1	128.3
27.5°	4474.6	4429.1	4400.1	4329.7	4201.4	4093.8	3866.1	3365.3	2442.2	885.8	144.9
30°	5161.7	5161.7	5107.9	5000.3	4876.1	4743.6	4511.8	3866.1	2930.6	1175.6	165.6
32.5°	5964.7	5981.3	5848.8	5687.4	5526.0	5434.9	5132.7	4433.2	3398.4	1506.7	190.4
35°	6742.9	6722.2	6502.8	6324.9	6204.8	6105.5	5848.8	5054.1	3928.2	1891.7	223.5
37.5°	7488.0	7434.2	7069.9	6817.4	6763.6	6697.4	6440.8	5675.0	4453.9	2318.0	264.9
40°	8022.0	7939.2	7562.5	7214.8	7136.2	7098.9	6900.2	6237.9	5008.6	2794.0	318.7
42.5°	8253.8	8158.6	7897.8	7616.3	7442.5	7355.5	7181.7	6697.4	5563.2	3323.9	397.4
45°	8299.3	8224.8	8038.5	7972.3	7736.4	7603.9	7368.0	7024.4	6080.6	3849.5	505.0
47.5°	8133.7	8100.6	7988.9	8129.6	8009.5	7827.4	7541.8	7268.6	6540.1	4487.0	654.0
50°	7728.1	7703.2	7757.0	8125.4	8208.2	8001.3	7732.2	7459.0	6937.5	5145.2	865.1
52.5°	7181.7	7177.5	7430.0	8017.8	8295.2	8166.8	7918.5	7649.4	7252.1	5782.6	1163.1
55°	6585.6	6656.0	7098.9	7918.5	8344.8	8286.9	8100.6	7819.1	7533.5	6374.5	1643.3
57.5°	6536.0	6507.0	6933.3	7877.1	8373.8	8406.9	8282.7	7997.1	7773.6	6858.8	2284.9
60°	7032.7	6966.4	7127.9	7964.0	8502.1	8560.1	8464.9	8133.7	8013.7	7239.6	3129.3
62.5°	7608.0	7545.9	7628.7	8299.3	8754.6	8837.4	8717.4	8274.5	8208.2	7504.6	4035.8
65°	8067.5	8017.8	8175.1	8800.2	9106.5	9176.8	9094.0	8535.2	8295.2	7719.8	4772.6
67.5°	8142.0	8079.9	8406.9	9135.4	9462.4	9512.1	9445.9	8787.7	8266.2	7736.4	4942.3
70°	7930.9	7877.1	8344.8	9243.1	9615.6	9657.0	9445.9	8667.7	7873.0	7314.1	4040.0
72.5°	7281.0	7322.4	7926.8	8982.3	9404.5	9214.1	8767.0	8063.4	7363.8	6200.7	2835.4
75°	6271.0	6316.6	7119.6	8266.2	8299.3	8067.5	7827.4	7417.6	6589.8	4085.5	1966.2
77.5°	4458.0	4296.6	5497.0	6825.7	6705.7	6854.7	6875.4	6171.7	5517.7	2127.6	1316.3
80°	438.8	372.5	691.3	1957.9	4325.6	4834.7	5033.4	4756.1	4068.9	952.0	691.3
82.5°	95.2	95.2	103.5	111.8	173.9	260.8	1196.3	2930.6	2628.5	484.3	223.5
85°	53.8	53.8	66.2	78.6	103.5	115.9	136.6	182.1	707.8	173.9	41.4
87.5°	41.4	45.5	53.8	66.2	86.9	95.2	115.9	144.9	178.0	161.4	12.4
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: P1066248

CATALOG NUMBER: NVN-SA3D-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
2.5°	86.9	82.8	78.6	74.5	70.4	70.4	66.2	66.2	66.2	66.2	66.2
5°	82.8	78.6	74.5	66.2	62.1	58.0	53.8	53.8	53.8	53.8	53.8
7.5°	82.8	78.6	70.4	62.1	53.8	49.7	45.5	41.4	41.4	45.5	45.5
10°	82.8	74.5	62.1	53.8	45.5	41.4	37.3	33.1	33.1	33.1	33.1
12.5°	78.6	70.4	58.0	49.7	41.4	33.1	24.8	20.7	20.7	20.7	20.7
15°	74.5	66.2	53.8	41.4	29.0	20.7	16.6	12.4	12.4	12.4	12.4
17.5°	74.5	62.1	49.7	37.3	20.7	12.4	8.3	4.1	4.1	4.1	8.3
20°	74.5	62.1	45.5	29.0	12.4	8.3	8.3	4.1	0.0	4.1	4.1
22.5°	74.5	58.0	37.3	20.7	12.4	8.3	4.1	0.0	0.0	0.0	0.0
25°	78.6	58.0	33.1	16.6	8.3	4.1	0.0	0.0	0.0	0.0	0.0
27.5°	78.6	53.8	29.0	12.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	82.8	53.8	24.8	8.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	82.8	49.7	16.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	82.8	45.5	12.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	82.8	41.4	12.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	86.9	37.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	91.1	33.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	95.2	29.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	107.6	29.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	124.2	29.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	149.0	29.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	194.5	24.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	281.5	24.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	471.9	24.8	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	827.9	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1399.1	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1825.4	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1386.7	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	662.3	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	293.9	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	128.3	12.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	49.7	8.3	4.1	4.1	4.1	4.1	0.0	0.0	0.0	0.0	0.0
82.5°	20.7	8.3	4.1	4.1	4.1	4.1	4.1	0.0	0.0	0.0	0.0
85°	12.4	8.3	8.3	8.3	4.1	4.1	4.1	0.0	0.0	0.0	0.0
87.5°	8.3	8.3	8.3	8.3	8.3	4.1	4.1	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

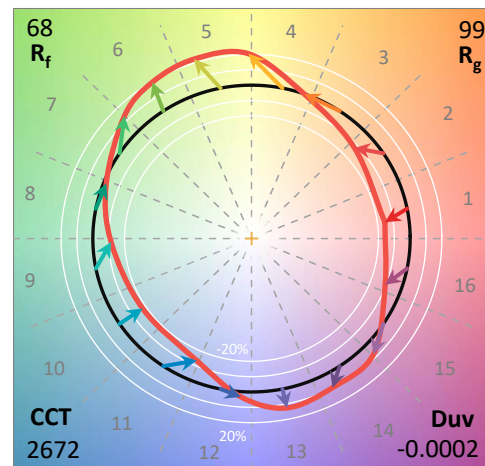
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

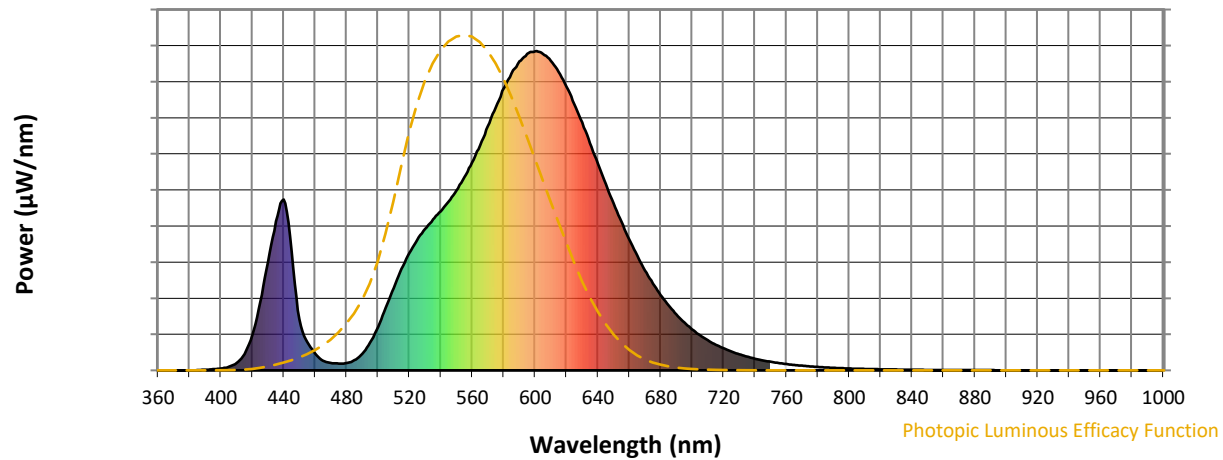
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

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

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

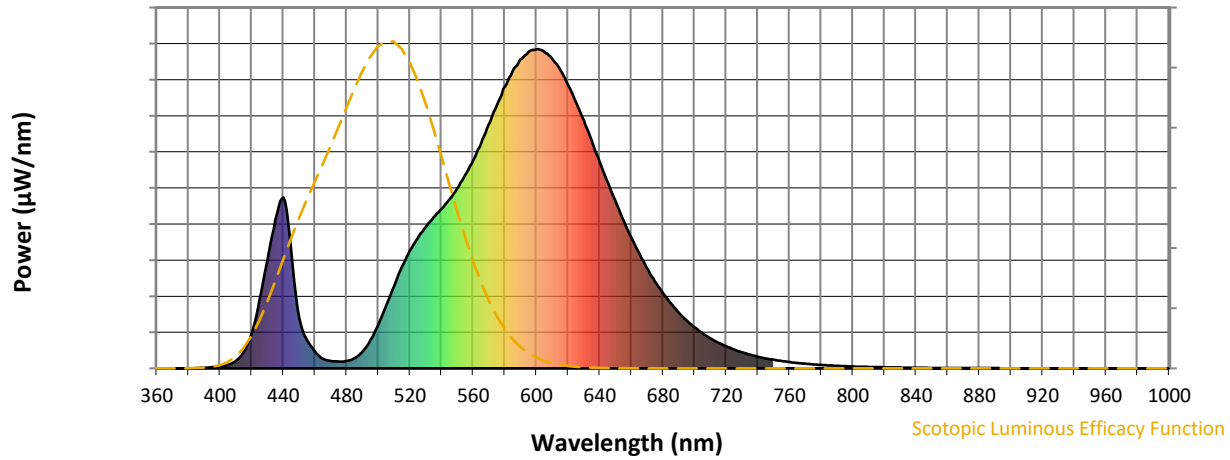


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



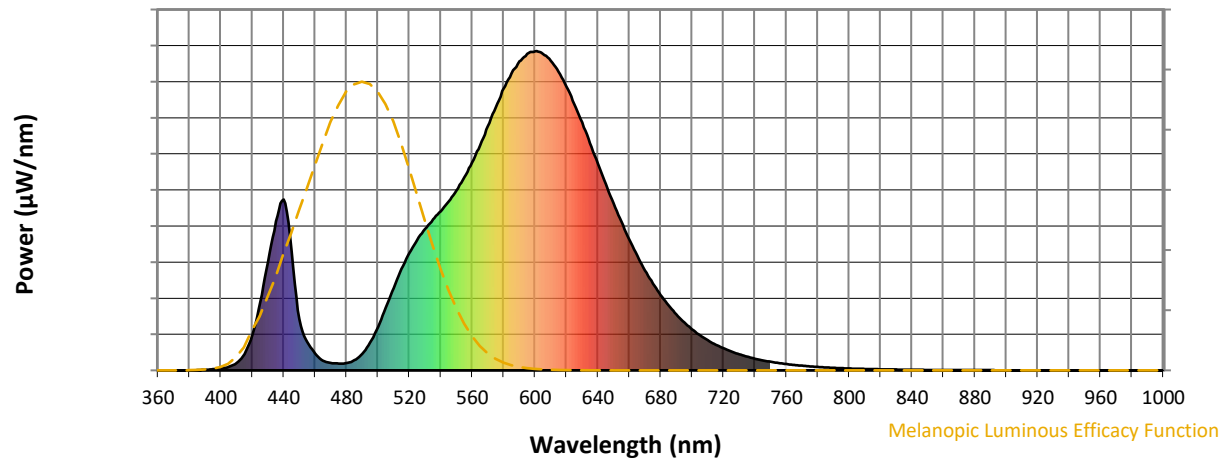
Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength

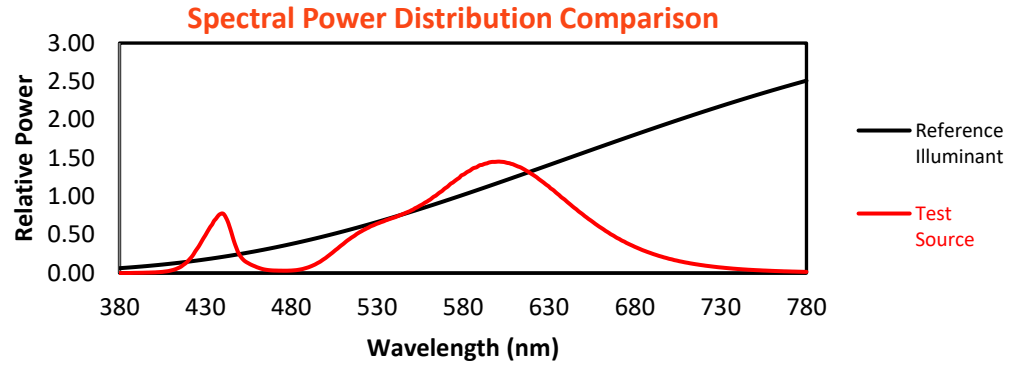
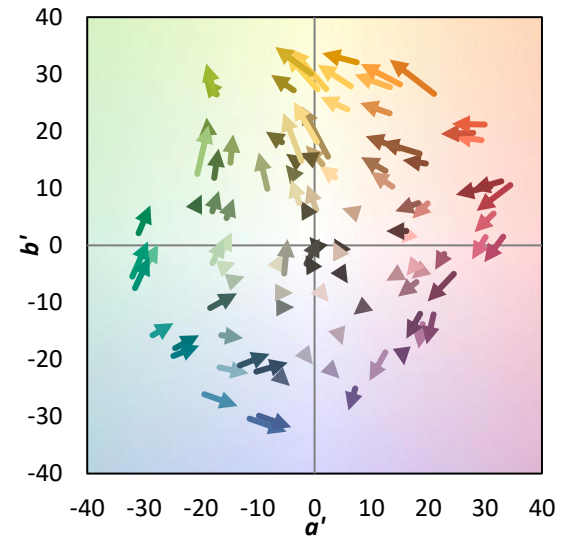
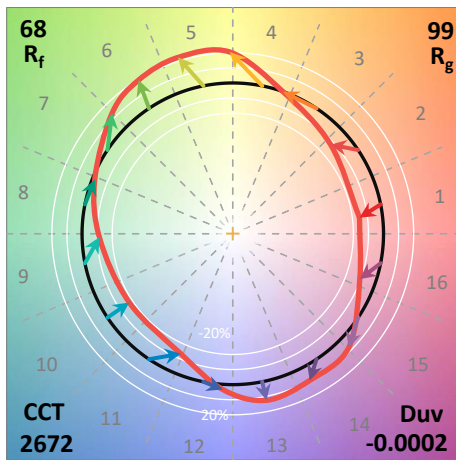
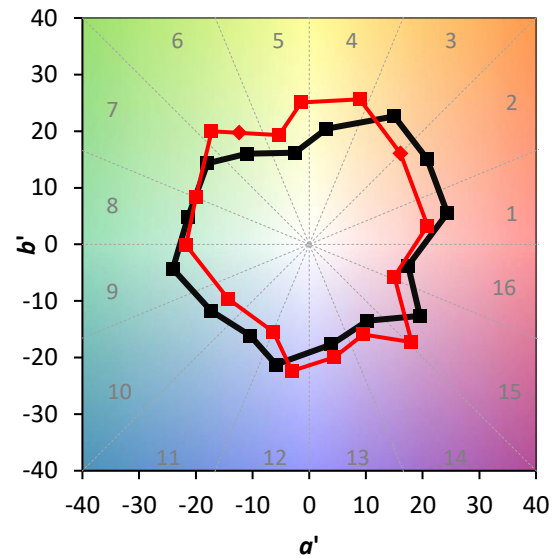
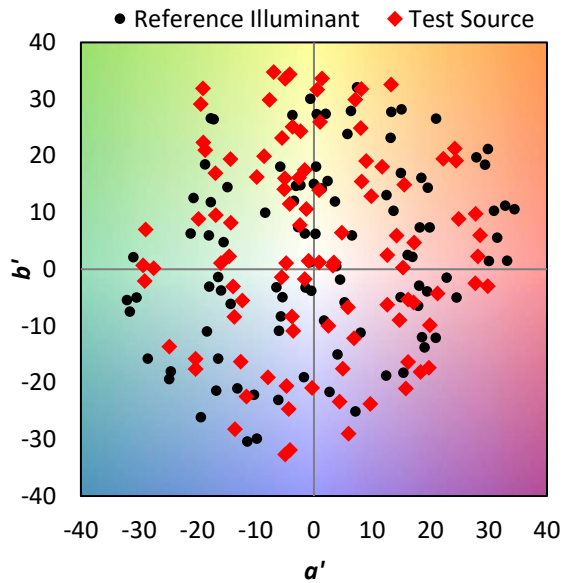


Melanopic Lumens: NR

M/P: 1.71

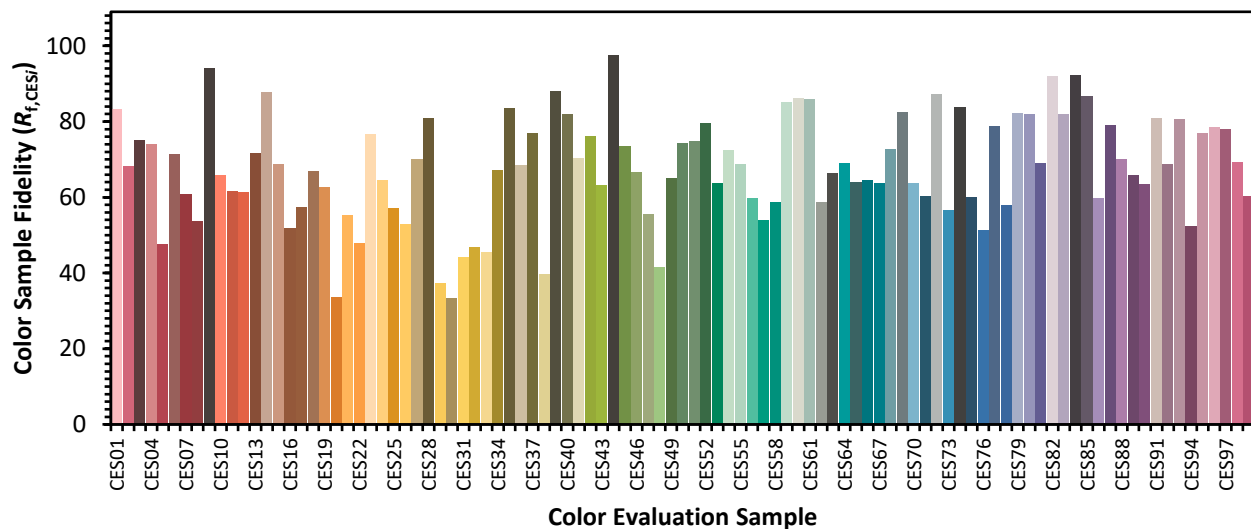
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

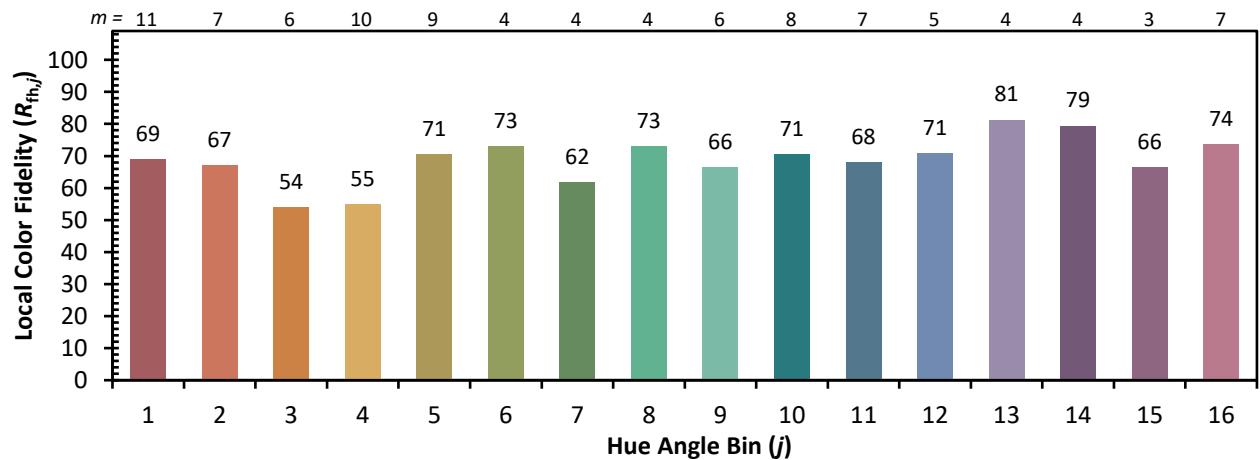
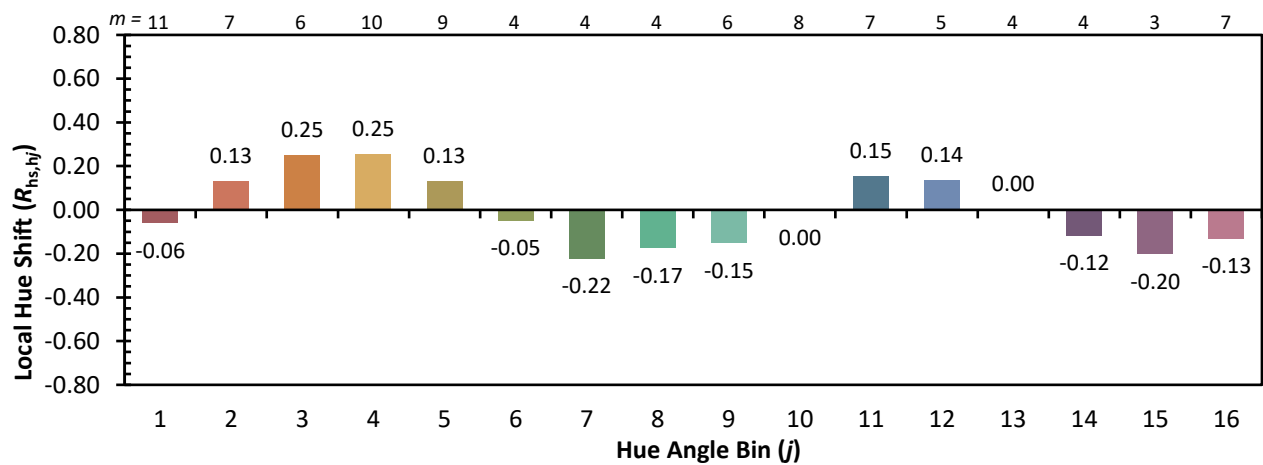
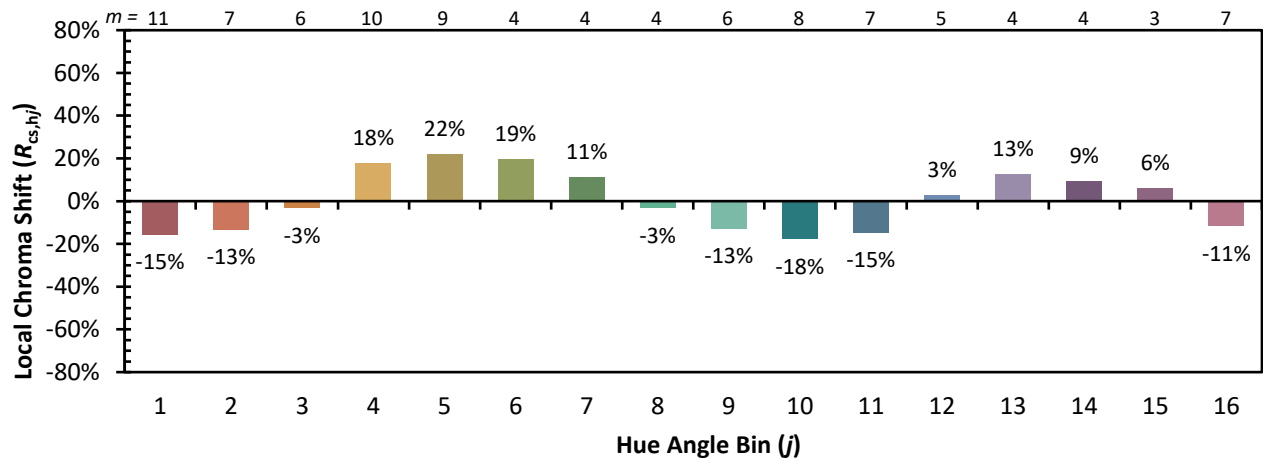
REPORT NUMBER: SP1-2407-184-3

TM-30-18
Summary
 $R_f = 67.9$
 $R_g = 98.6$
 $CIE\ R_a = 71.1$
 $R_g = -27.8$

Color Vector Graphics


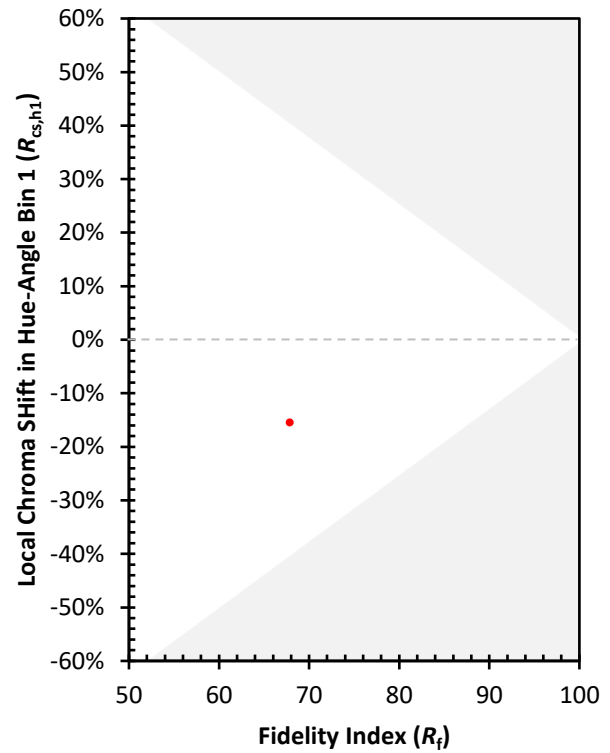
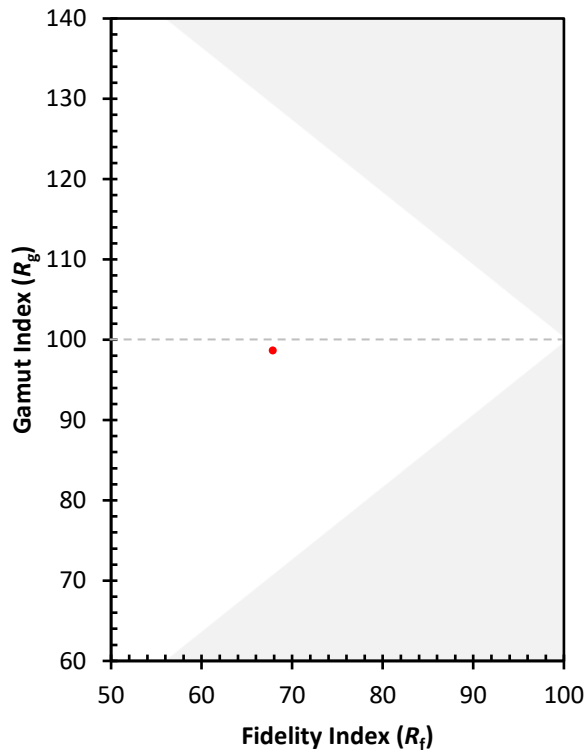
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)