

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: P1065998

Luminaire Tested: **NVN-SA1B-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065998
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1B-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3810.7 lumens
Efficiency: N/A
Efficacy: 100.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 37.9
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



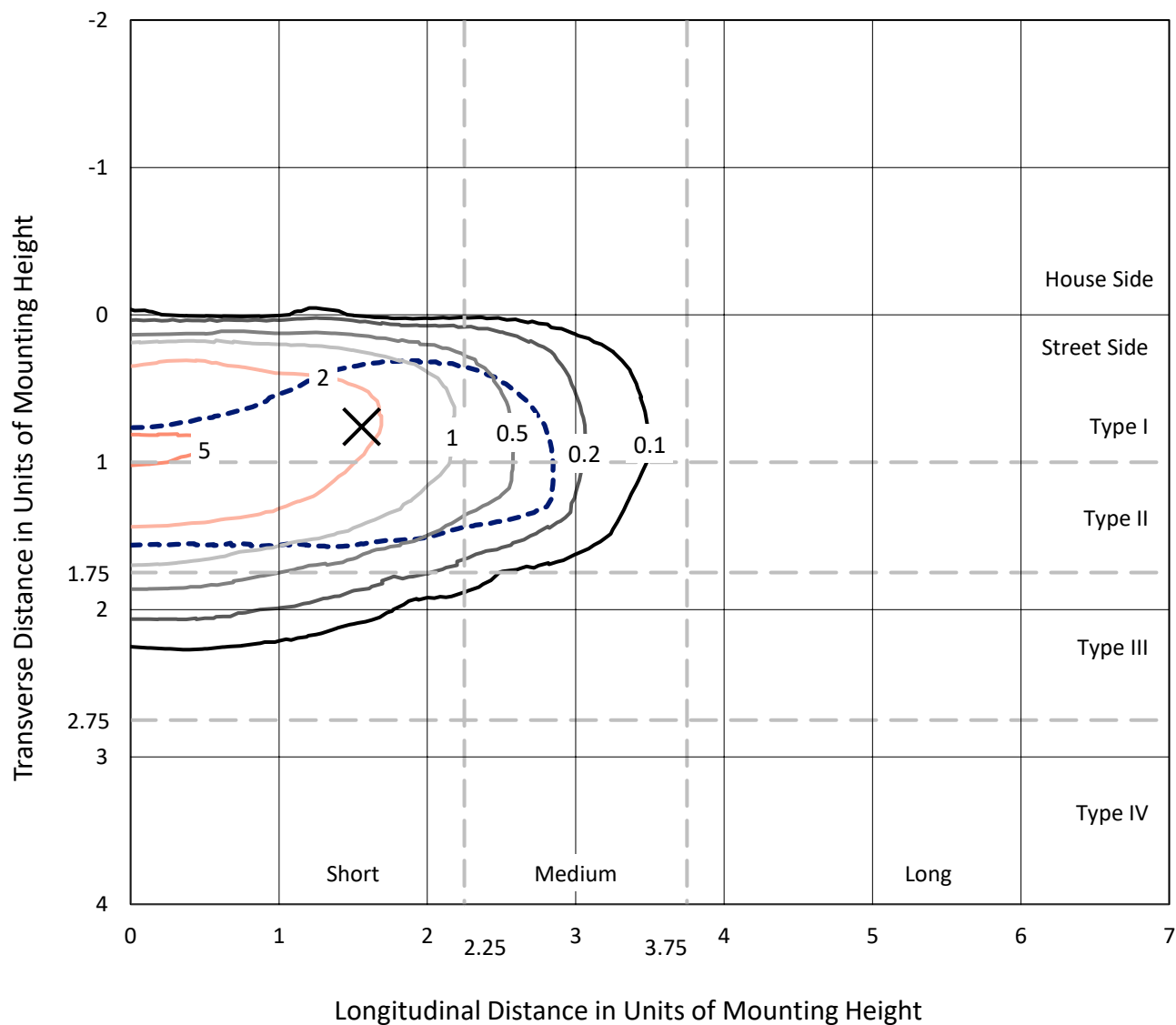
REPORT NUMBER: P1065998

CATALOG NUMBER: NVN-SA1B-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

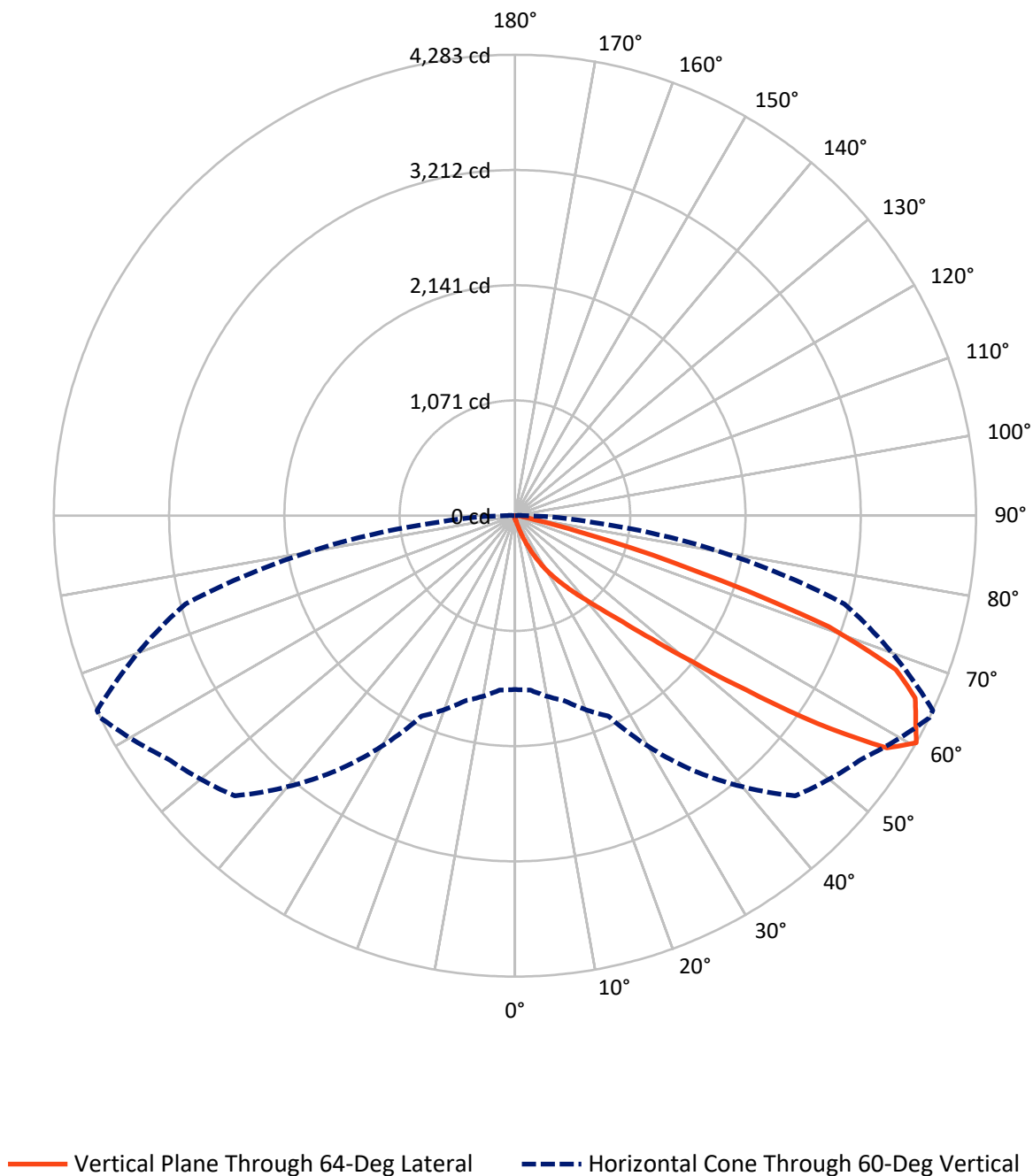


Based on 15 foot mounting height. Maximum calculated value = 5.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1065998

CATALOG NUMBER: NVN-SA1B-727-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1065998

CATALOG NUMBER: NVN-SA1B-727-U-T2BC

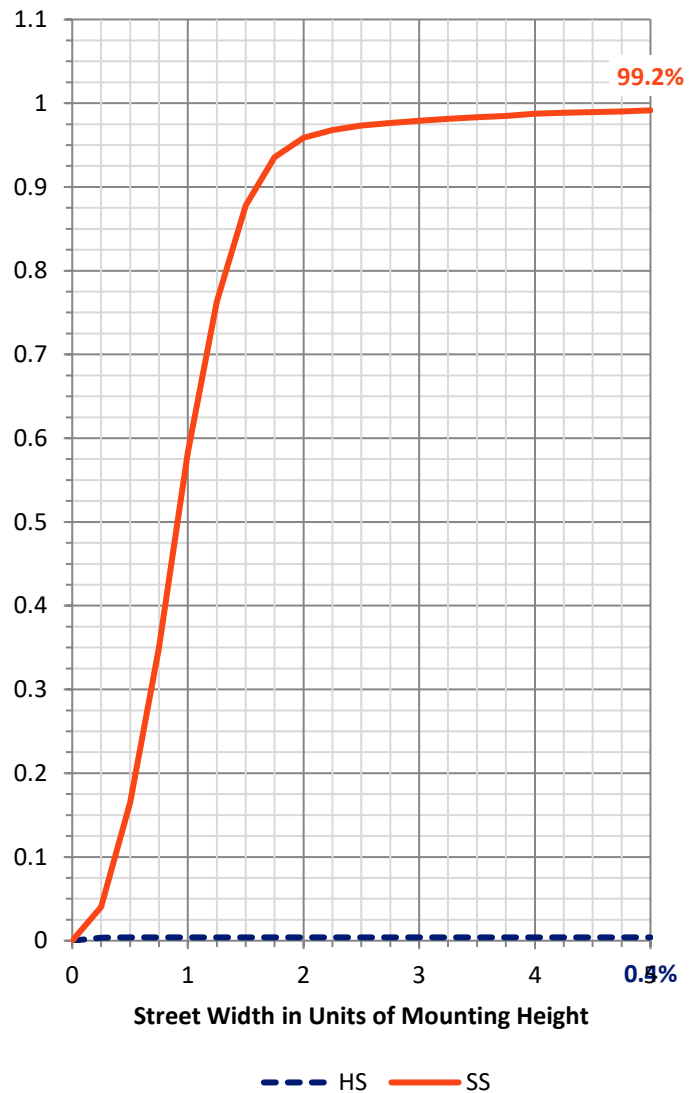
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.4	0.0	15.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3795.3	0.0	3795.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	3810.7	0.0	3810.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.1
10°-20°	37.4	1.0
20°-30°	124.4	3.3
30°-40°	331.9	8.7
40°-50°	843.5	22.1
50°-60°	1229.7	32.3
60°-70°	949.8	24.9
70°-80°	260.8	6.8
80°-90°	29.4	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°	3810.7	100.0
0°-180°	3810.7	100.0



REPORT NUMBER: P1065998

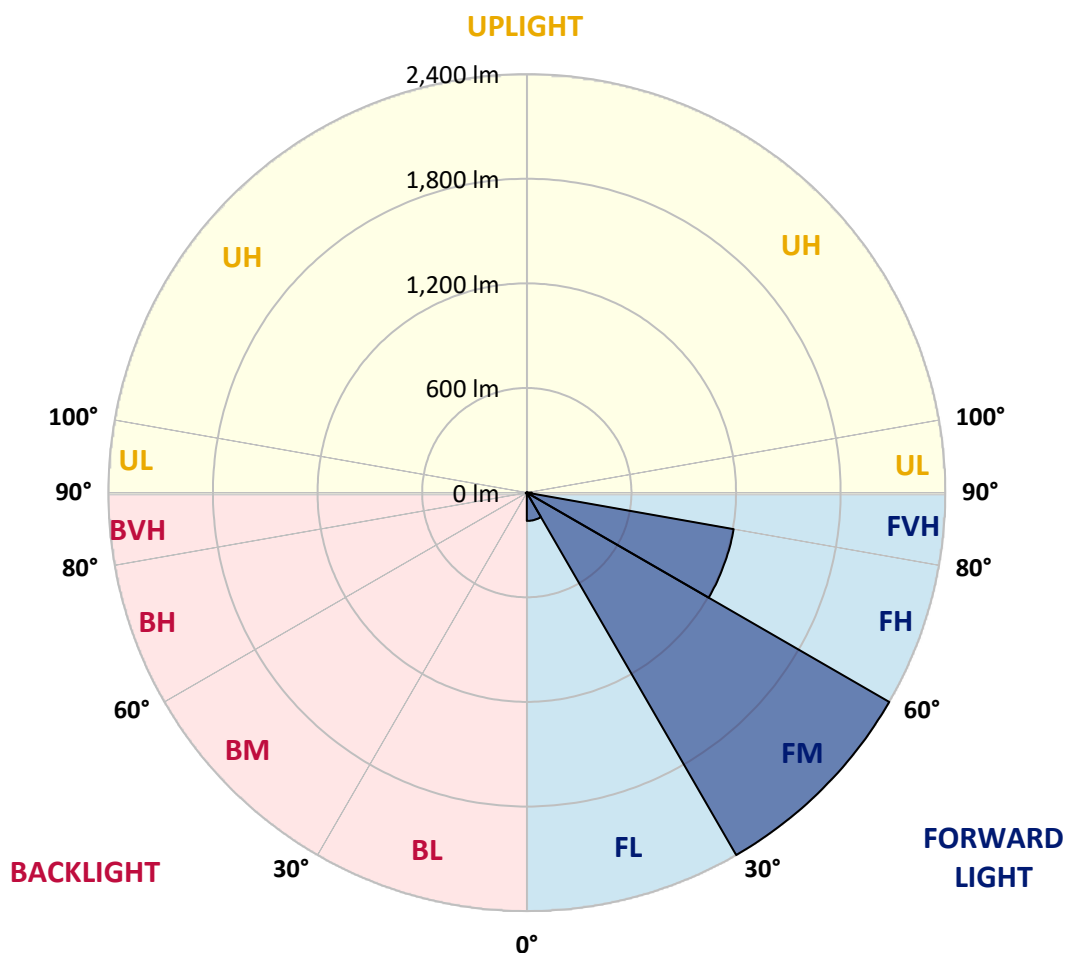
CATALOG NUMBER: NVN-SA1B-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	162.1	4.3			
FM	(30°-60°)	2399.9	63.0			
FH	(60°-80°)	1204.5	31.6			G1/1800
FVH	(80°-90°)	28.7	0.8			G1/100
BL	(0°-30°)	3.5	0.1	B0/110		
BM	(30°-60°)	5.1	0.1	B0/220		
BH	(60°-80°)	6.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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-G1

Type II Short



REPORT NUMBER: P1065998

CATALOG NUMBER: NVN-SA1B-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
2.5°	33.6	33.6	33.6	32.5	31.5	31.5	30.4	29.4	29.4	27.3	26.2
5°	51.4	51.4	49.3	47.2	44.1	39.9	35.7	32.5	32.5	29.4	27.3
7.5°	100.7	103.8	94.4	82.9	67.1	56.6	45.1	37.8	36.7	31.5	27.3
10°	218.2	216.1	201.4	173.1	136.4	98.6	62.9	46.2	44.1	33.6	27.3
12.5°	328.3	331.5	315.7	284.3	240.2	175.2	108.0	59.8	57.7	36.7	27.3
15°	422.7	422.7	412.2	396.5	348.3	280.1	174.1	89.2	81.8	39.9	26.2
17.5°	487.8	486.7	482.5	478.3	450.0	379.7	266.4	142.7	125.9	47.2	26.2
20°	561.2	558.0	563.3	554.9	532.9	477.3	364.0	211.9	196.2	59.8	26.2
22.5°	637.8	640.9	645.1	636.7	612.6	564.3	466.8	301.1	284.3	82.9	27.3
25°	735.3	733.2	742.7	735.3	704.9	648.3	563.3	398.6	374.5	115.4	29.4
27.5°	854.9	850.7	857.0	838.1	798.3	740.6	649.3	498.3	469.9	165.7	33.6
30°	1013.3	1016.4	988.1	966.1	909.4	832.9	744.8	605.3	575.9	225.5	37.8
32.5°	1262.9	1240.9	1196.9	1107.7	1033.2	935.7	840.2	698.6	672.4	302.1	44.1
35°	1652.1	1656.3	1559.8	1339.5	1178.0	1064.7	945.1	801.4	782.5	389.2	52.4
37.5°	2126.2	2114.7	2029.7	1751.8	1389.9	1225.2	1064.7	913.6	886.4	483.6	62.9
40°	2663.3	2615.1	2565.8	2376.9	1831.5	1426.6	1215.7	1043.7	1022.7	592.7	79.7
42.5°	3093.4	3080.8	3089.2	3010.5	2567.9	1769.6	1416.1	1203.2	1178.0	728.0	109.1
45°	3305.3	3287.4	3337.8	3396.5	3283.2	2499.7	1739.2	1406.7	1373.1	887.4	154.2
47.5°	3248.6	3236.0	3344.1	3459.5	3610.5	3346.2	2266.8	1710.9	1653.2	1092.0	221.3
50°	2969.6	2970.7	3147.9	3363.0	3602.1	3775.2	3048.3	2127.3	2054.9	1363.6	326.2
52.5°	2697.9	2706.3	2894.1	3207.7	3477.3	3825.6	3734.3	2688.5	2571.0	1683.6	450.0
55°	2418.9	2423.1	2588.8	3030.4	3418.6	3675.6	4086.8	3411.2	3286.4	2082.2	570.6
57.5°	2150.4	2150.4	2212.3	2604.6	3354.6	3661.9	4044.8	4072.1	3970.3	2537.4	659.8
60°	1615.4	1625.9	1780.1	2054.9	2893.0	3681.9	3937.8	4282.9	4282.9	3168.9	728.0
62.5°	816.1	831.8	1023.8	1291.3	1984.6	3407.0	3954.6	4177.0	4193.7	3725.9	883.2
65°	382.9	400.7	503.5	692.3	1067.8	2397.9	3780.5	4086.8	4081.5	3620.0	1210.5
67.5°	274.8	280.1	314.7	403.8	574.8	1051.1	2885.7	3817.2	3819.3	3075.6	1392.0
70°	246.5	246.5	254.9	281.1	346.2	469.9	1402.5	3091.3	3241.3	2374.8	1290.2
72.5°	243.4	241.3	239.2	240.2	233.9	236.0	481.5	1745.5	1959.5	1661.6	1029.0
75°	237.1	237.1	235.0	227.6	186.7	152.1	165.7	706.0	816.1	1109.8	763.6
77.5°	187.8	206.6	228.7	215.0	171.0	114.3	96.5	204.5	258.0	680.8	553.9
80°	87.1	88.1	87.1	91.3	109.1	81.8	71.3	99.7	100.7	377.6	343.0
82.5°	62.9	64.0	60.8	54.5	48.3	44.1	58.7	73.4	78.7	173.1	128.0
85°	18.9	17.8	21.0	28.3	33.6	38.8	49.3	61.9	65.0	64.0	18.9
87.5°	8.4	8.4	10.5	14.7	19.9	29.4	43.0	56.6	57.7	66.1	5.2
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: P1065998

CATALOG NUMBER: NVN-SA1B-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
2.5°	26.2	25.2	24.1	23.1	22.0	21.0	19.9	19.9	21.0	21.0	21.0
5°	25.2	24.1	22.0	19.9	18.9	17.8	16.8	16.8	17.8	17.8	17.8
7.5°	25.2	23.1	21.0	18.9	16.8	15.7	14.7	14.7	14.7	15.7	15.7
10°	25.2	23.1	19.9	16.8	14.7	13.6	12.6	11.5	12.6	12.6	12.6
12.5°	24.1	22.0	18.9	15.7	12.6	10.5	9.4	9.4	9.4	9.4	9.4
15°	23.1	21.0	17.8	13.6	10.5	8.4	6.3	6.3	6.3	7.3	7.3
17.5°	22.0	19.9	15.7	10.5	7.3	5.2	4.2	4.2	4.2	5.2	5.2
20°	22.0	18.9	13.6	8.4	5.2	3.1	2.1	2.1	2.1	3.1	4.2
22.5°	22.0	18.9	12.6	6.3	3.1	2.1	1.0	1.0	1.0	1.0	1.0
25°	22.0	17.8	11.5	5.2	2.1	1.0	0.0	0.0	1.0	2.1	3.1
27.5°	22.0	16.8	9.4	3.1	2.1	1.0	0.0	1.0	2.1	2.1	2.1
30°	22.0	16.8	8.4	3.1	1.0	0.0	0.0	1.0	2.1	2.1	3.1
32.5°	23.1	15.7	7.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	24.1	14.7	6.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	26.2	14.7	4.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	29.4	15.7	4.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	36.7	16.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	51.4	21.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	75.5	31.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	110.1	43.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	135.3	43.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	134.3	27.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	102.8	18.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	87.1	13.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	104.9	10.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	186.7	9.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	300.0	9.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	335.7	9.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	262.2	8.4	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	143.7	7.3	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	72.4	5.2	2.1	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	30.4	4.2	2.1	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.5	4.2	2.1	2.1	1.0	1.0	0.0	0.0	0.0	0.0	0.0
85°	5.2	3.1	3.1	2.1	2.1	1.0	1.0	0.0	0.0	0.0	0.0
87.5°	3.1	3.1	3.1	2.1	2.1	1.0	1.0	0.0	0.0	0.0	1.0
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

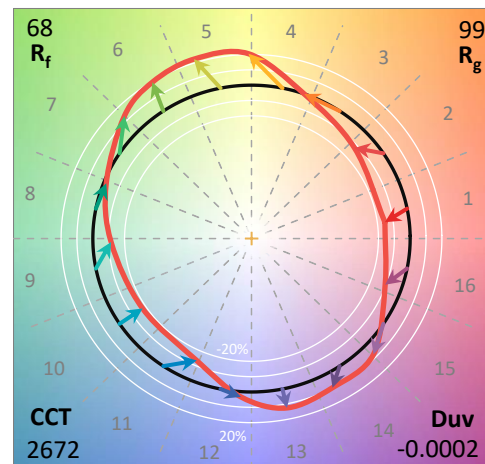
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

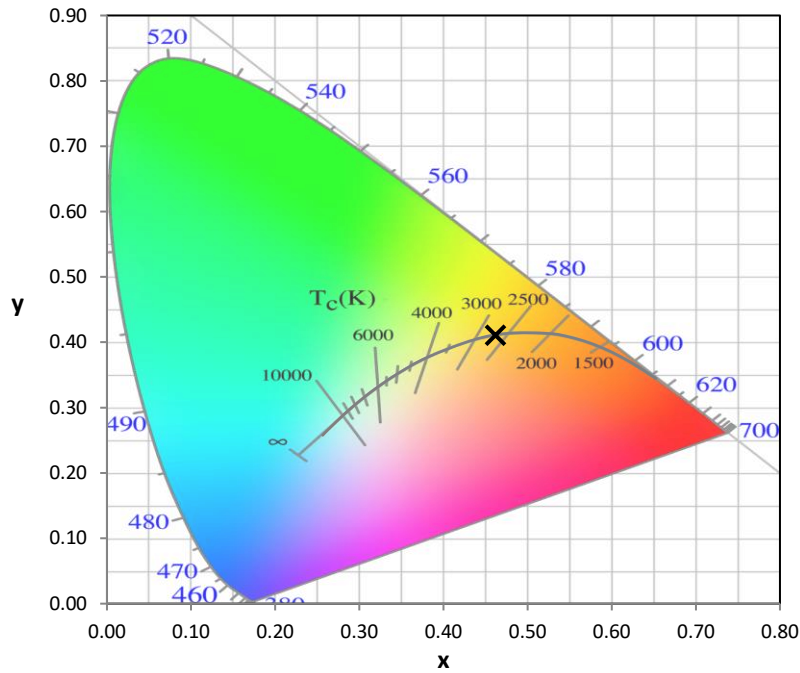
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

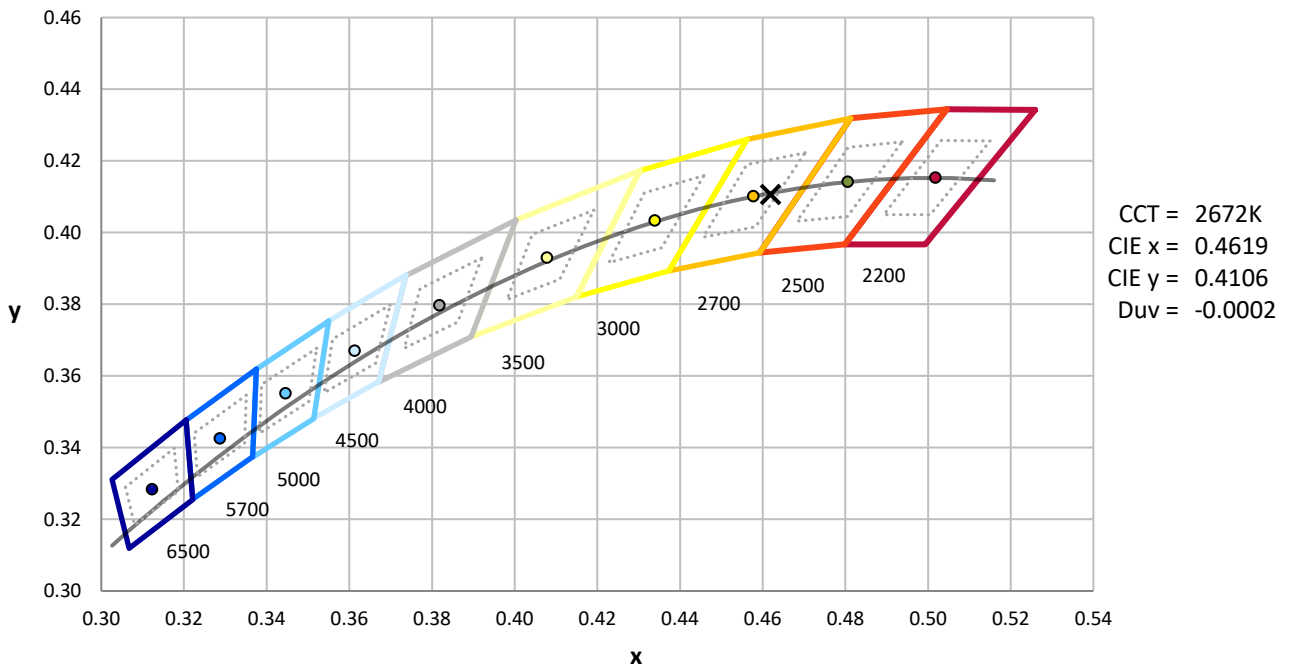
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram

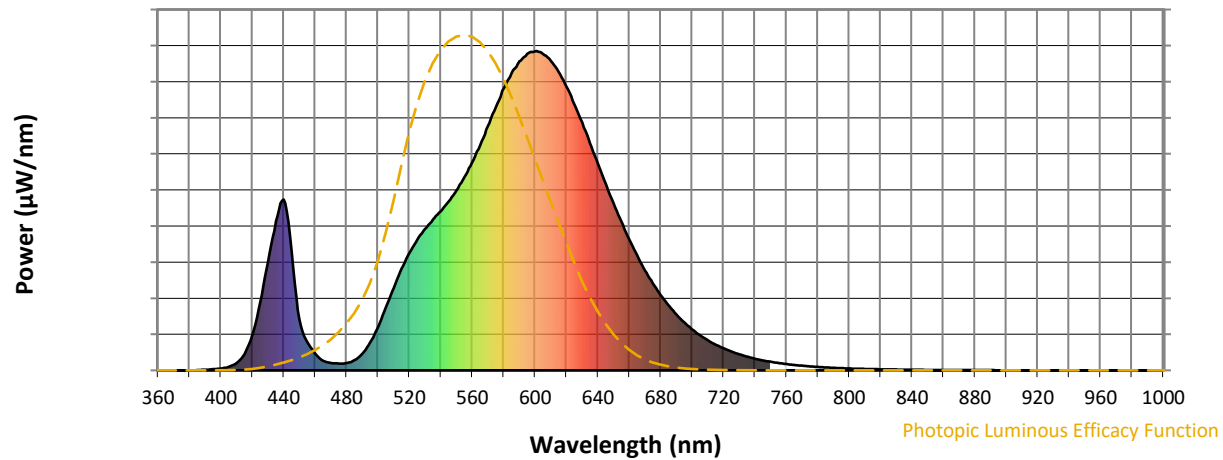


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

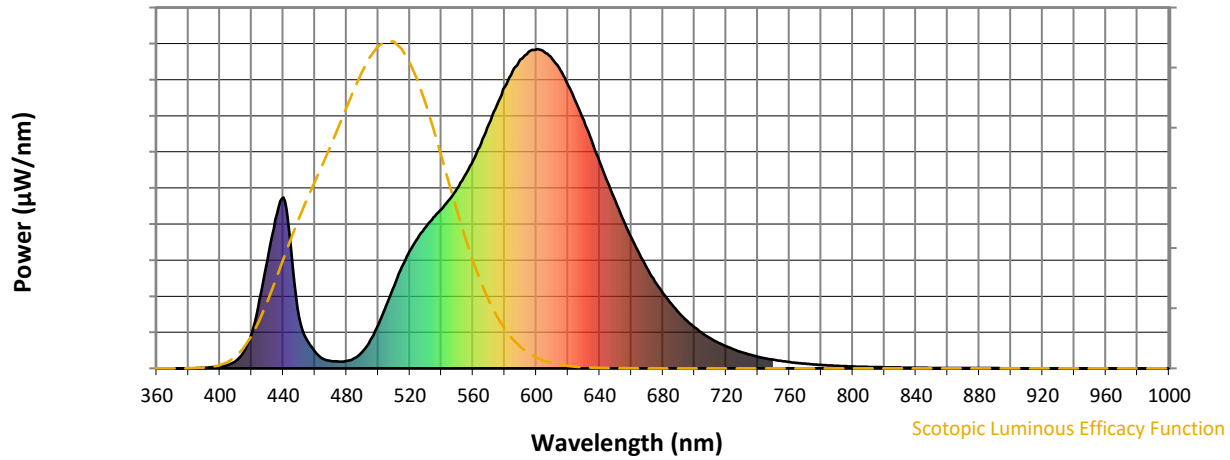


Photopic Lumens: NR

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	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



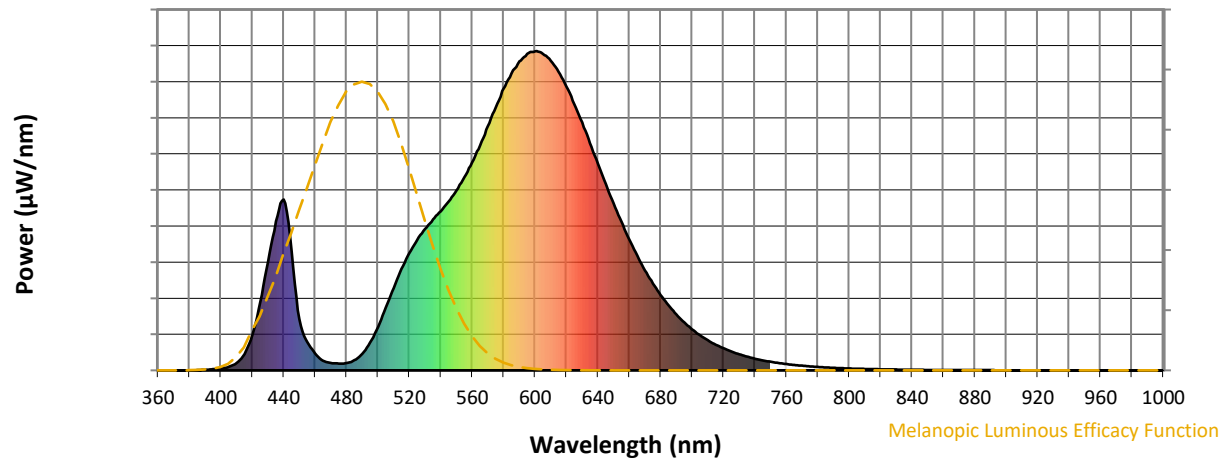
Scotopic Lumens: NR

S/P: 1.02

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

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			

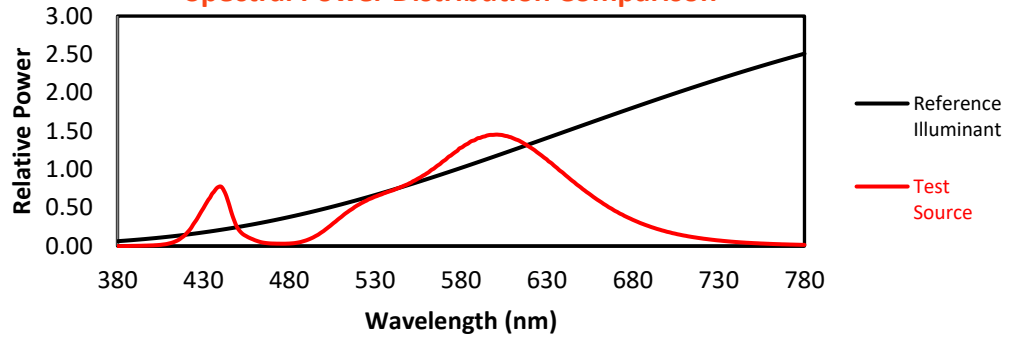
REPORT NUMBER: SP1-2407-184-3

TM-30-18

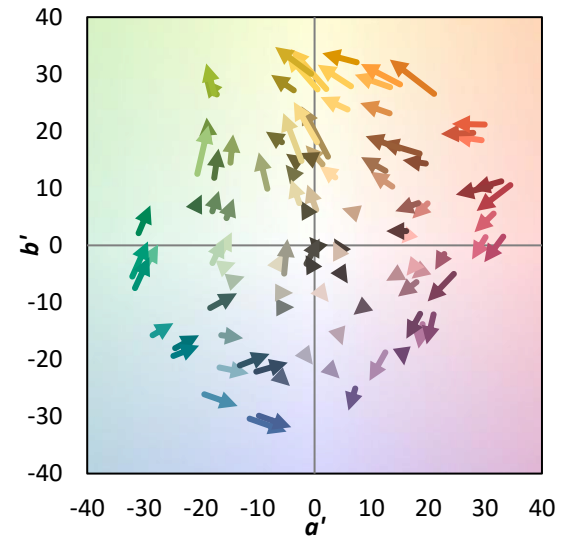
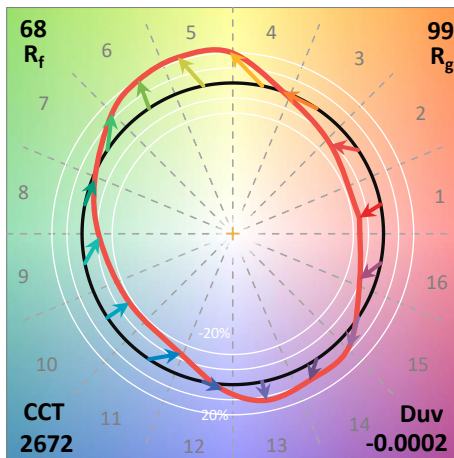
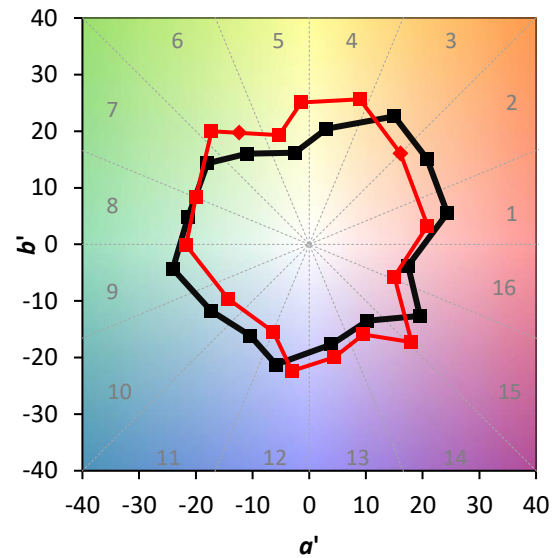
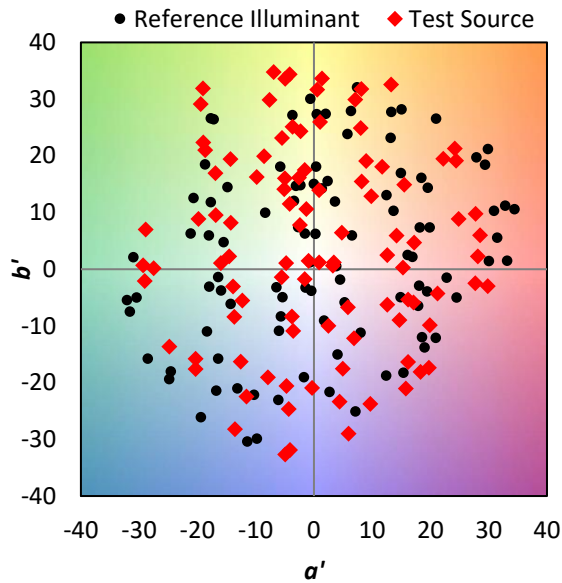
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE\ R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

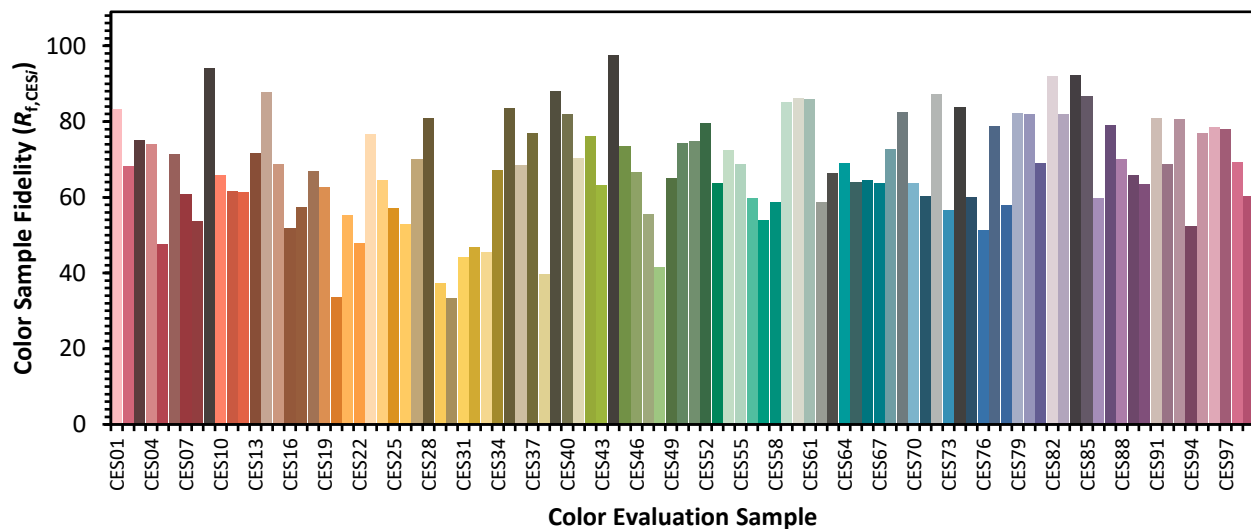


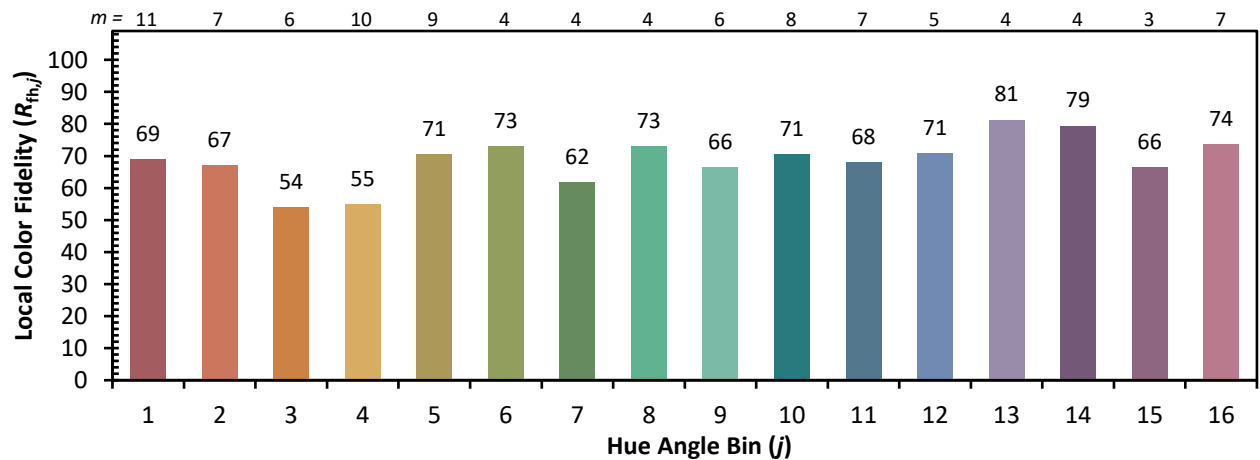
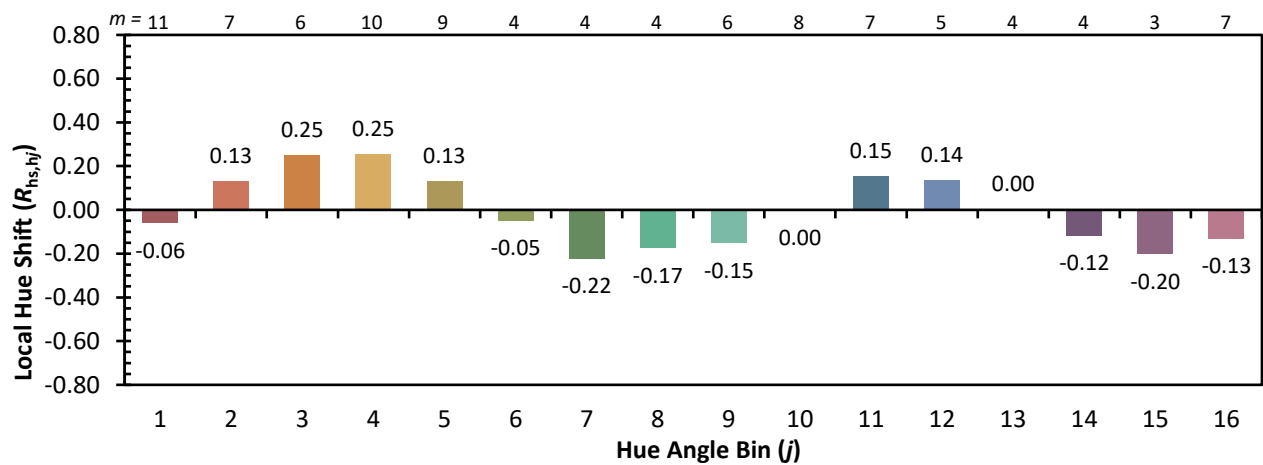
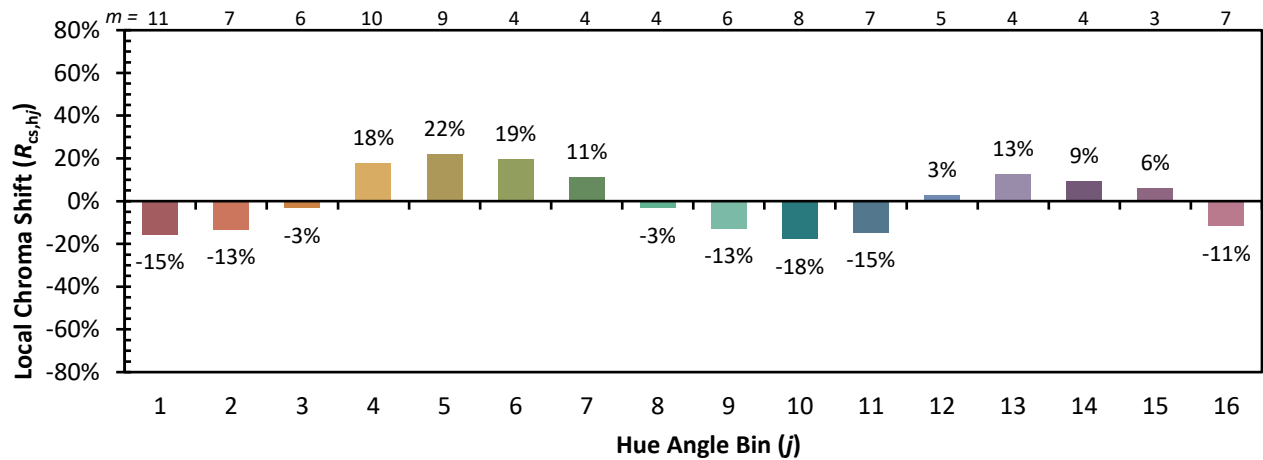
Color Vector Graphics



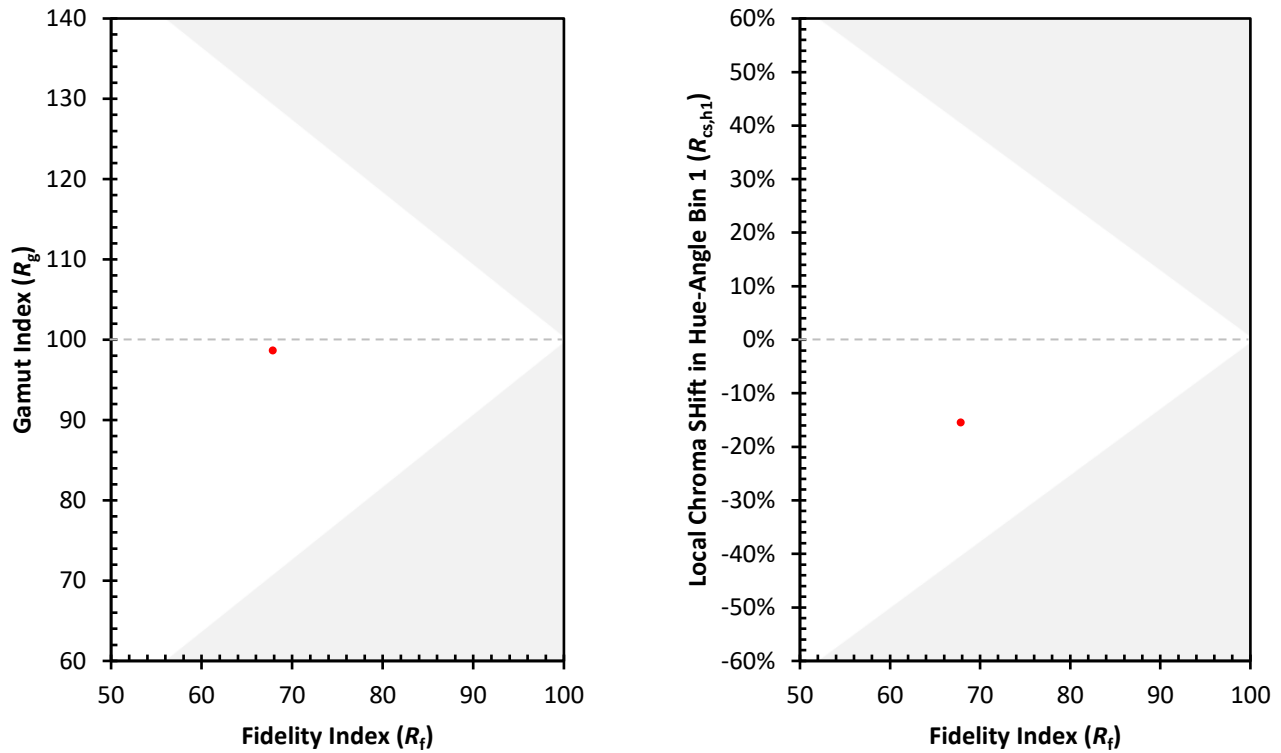
Individual Sample Fidelity Index ($R_{f,i}$)

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)