

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: P1066016

Luminaire Tested: **NVN-SA5D-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066016
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA5D-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25053.6 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 269.7
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

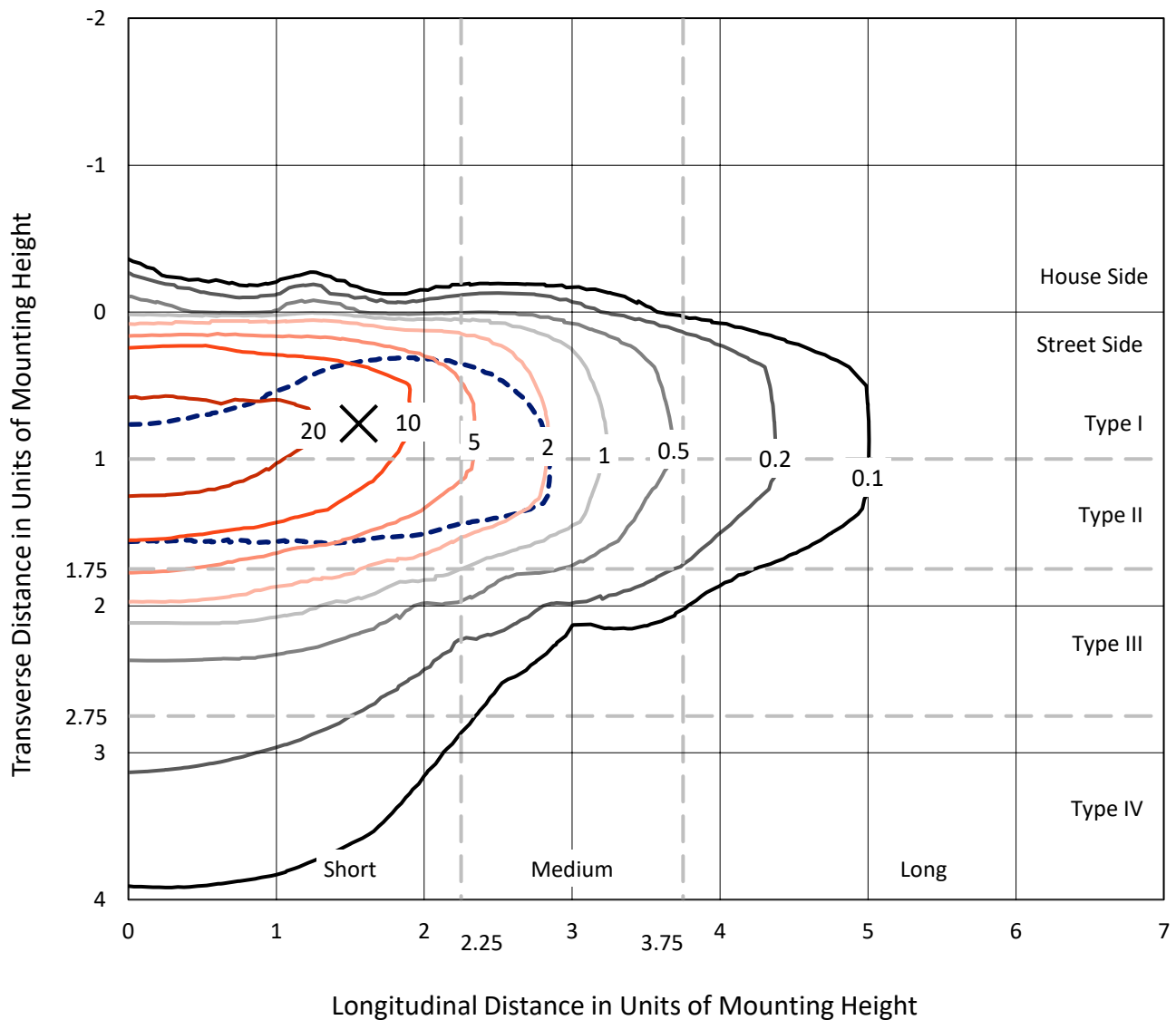


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

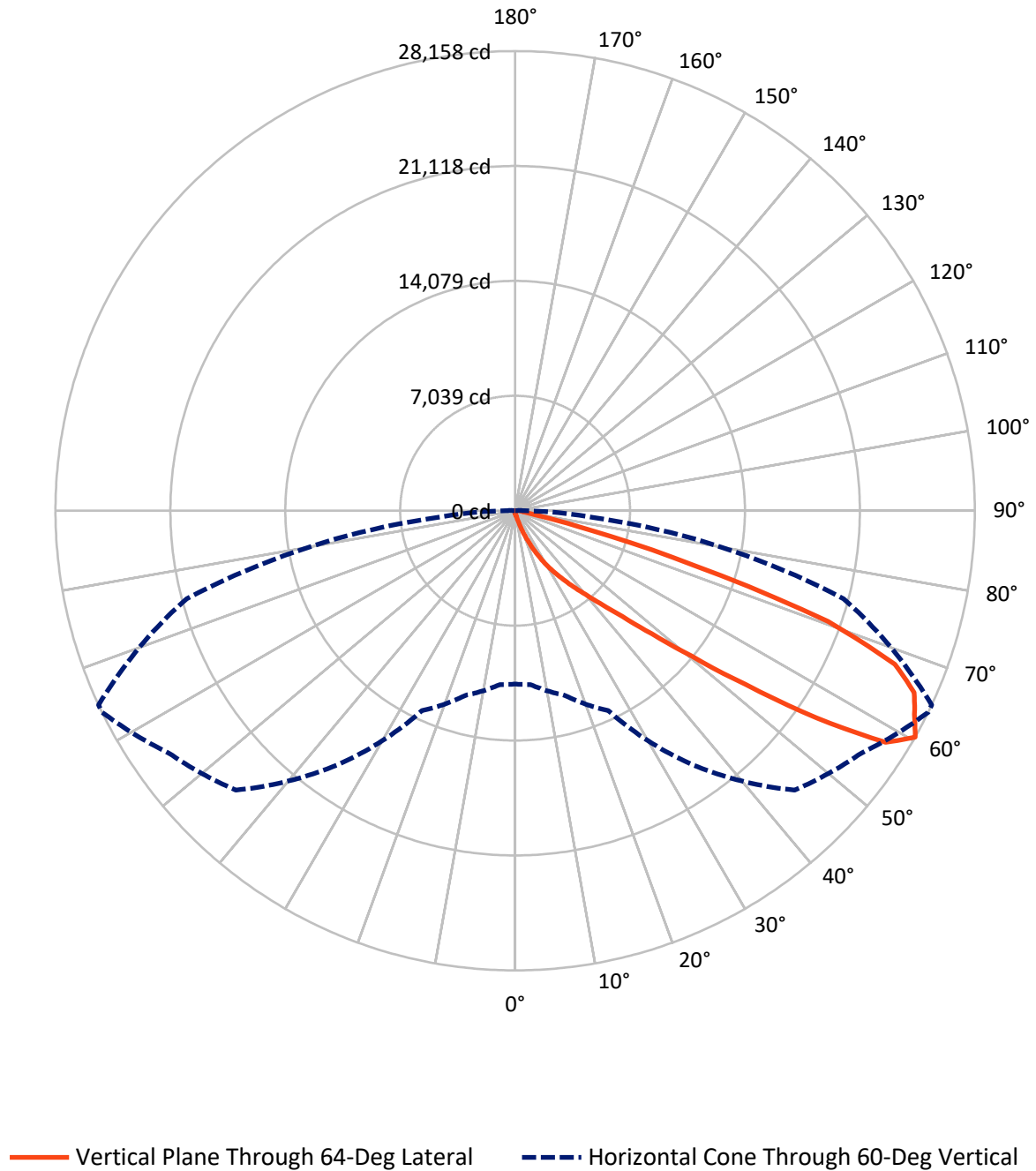


Based on 15 foot mounting height. Maximum calculated value = 35.9 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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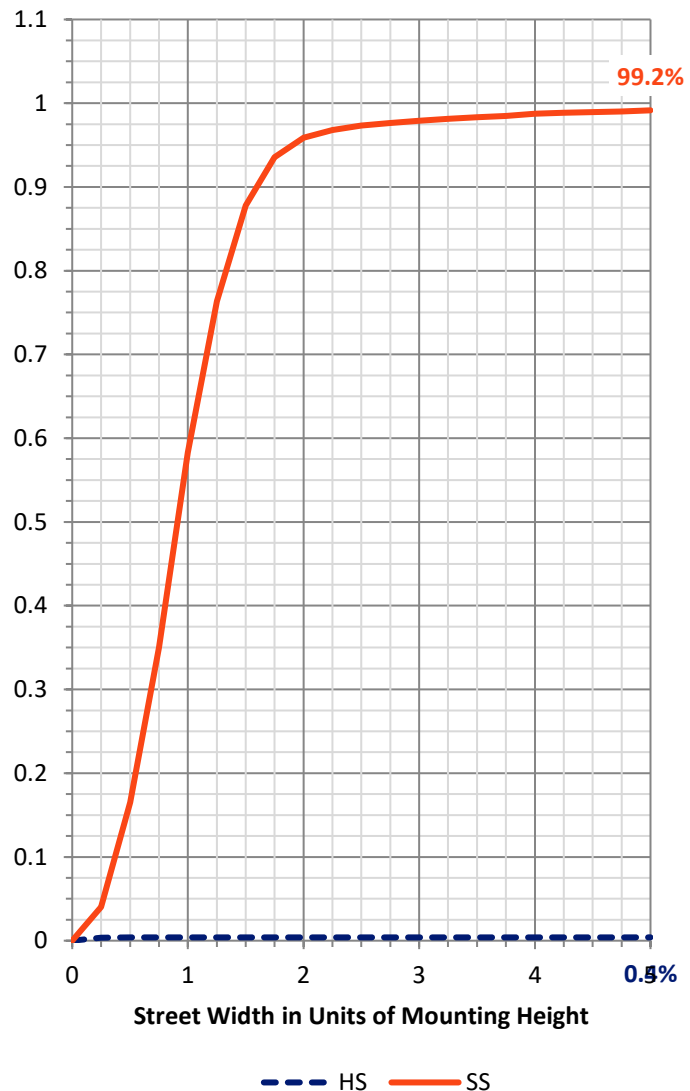
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	101.6	0.0	101.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24952.1	0.0	24952.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	25053.6	0.0	25053.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	0.1
10°-20°	246.2	1.0
20°-30°	817.7	3.3
30°-40°	2181.8	8.7
40°-50°	5545.7	22.1
50°-60°	8084.4	32.3
60°-70°	6244.4	24.9
70°-80°	1714.8	6.8
80°-90°	193.6	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°	25053.6	100.0
0°-180°	25053.6	100.0



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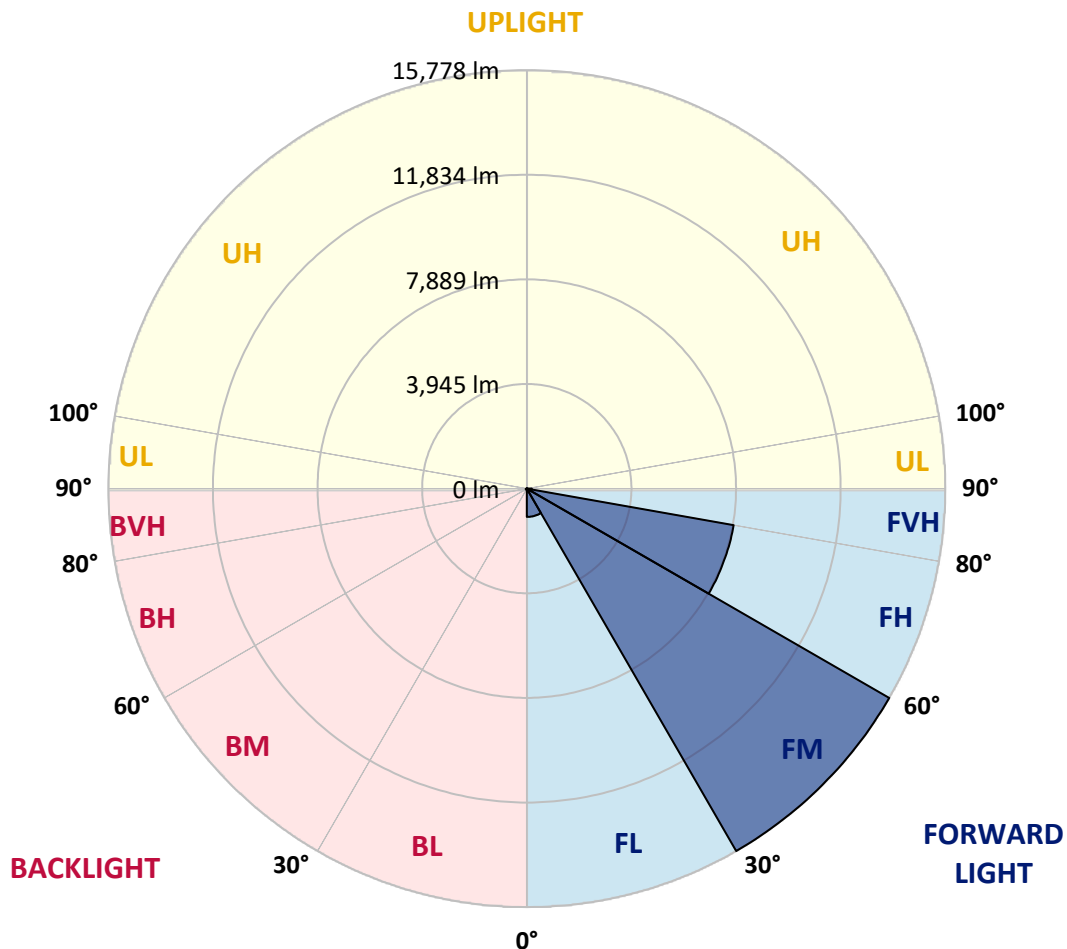
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1066.0	4.3			
FM	(30°-60°)	15778.3	63.0			
FH	(60°-80°)	7918.8	31.6			G4/12000
FVH	(80°-90°)	189.0	0.8			G2/225
BL	(0°-30°)	22.8	0.1	B0/110		
BM	(30°-60°)	33.7	0.1	B0/220		
BH	(60°-80°)	40.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5
2.5°	220.7	220.7	220.7	213.8	206.9	206.9	200.0	193.1	193.1	179.3	172.4
5°	337.9	337.9	324.1	310.3	289.6	262.1	234.5	213.8	213.8	193.1	179.3
7.5°	662.1	682.7	620.7	544.8	441.4	372.4	296.5	248.3	241.4	206.9	179.3
10°	1434.4	1420.7	1324.1	1137.9	896.5	648.3	413.8	303.4	289.6	220.7	179.3
12.5°	2158.6	2179.3	2075.8	1868.9	1579.3	1151.7	710.3	393.1	379.3	241.4	179.3
15°	2779.2	2779.2	2710.3	2606.8	2289.6	1841.3	1144.8	586.2	537.9	262.1	172.4
17.5°	3206.8	3199.9	3172.3	3144.7	2958.5	2496.5	1751.7	937.9	827.6	310.3	172.4
20°	3689.6	3668.9	3703.3	3648.2	3503.4	3137.8	2393.0	1393.1	1289.6	393.1	172.4
22.5°	4193.0	4213.7	4241.3	4186.1	4027.5	3710.2	3068.9	1979.3	1868.9	544.8	179.3
25°	4834.4	4820.6	4882.6	4834.4	4634.4	4262.0	3703.3	2620.6	2462.0	758.6	193.1
27.5°	5620.5	5593.0	5634.3	5510.2	5248.1	4868.8	4268.8	3275.8	3089.6	1089.6	220.7
30°	6661.9	6682.6	6496.4	6351.6	5979.1	5475.7	4896.4	3979.2	3786.1	1482.7	248.3
32.5°	8303.2	8158.4	7868.8	7282.6	6792.9	6151.6	5524.0	4593.0	4420.6	1986.2	289.6
35°	10861.8	10889.4	10254.9	8806.7	7744.6	6999.8	6213.6	5268.8	5144.7	2558.6	344.8
37.5°	13978.9	13903.1	13344.5	11516.9	9137.7	8055.0	6999.8	6006.7	5827.4	3179.2	413.8
40°	17509.9	17192.6	16868.5	15627.2	12041.1	9379.1	7992.9	6861.9	6724.0	3896.4	524.1
42.5°	20337.4	20254.6	20309.8	19792.6	16882.3	11634.2	9310.1	7910.1	7744.6	4786.1	717.2
45°	21730.4	21613.2	21944.2	22330.4	21585.6	16434.0	11434.2	9248.0	9027.3	5834.3	1013.8
47.5°	21358.0	21275.3	21985.6	22744.2	23737.3	21999.4	14903.0	11248.0	10868.7	7179.1	1455.1
50°	19523.6	19530.5	20696.0	22109.7	23682.1	24820.0	20040.8	13985.8	13510.0	8965.3	2144.8
52.5°	17737.4	17792.6	19027.1	21089.1	22861.4	25151.0	24551.1	17675.4	16903.0	11068.7	2958.5
55°	15903.0	15930.6	17020.2	19923.6	22475.2	24164.9	26868.2	22427.0	21606.3	13689.3	3751.6
57.5°	14137.5	14137.5	14544.4	17123.7	22054.6	24075.2	26592.4	26771.7	26102.7	16682.3	4337.8
60°	10620.4	10689.4	11703.1	13510.0	19020.2	24206.2	25888.9	28157.9	28157.9	20833.9	4786.1
62.5°	5365.4	5468.8	6730.9	8489.4	13047.9	22399.4	25999.3	27461.3	27571.7	24495.9	5806.7
65°	2517.2	2634.4	3310.3	4551.6	7020.5	15765.1	24854.5	26868.2	26833.7	23799.3	7958.4
67.5°	1806.8	1841.3	2068.9	2655.1	3779.2	6910.2	18971.9	25095.9	25109.7	20220.1	9151.5
70°	1620.6	1620.6	1675.8	1848.2	2275.8	3089.6	9220.4	20323.6	21309.8	15613.4	8482.5
72.5°	1600.0	1586.2	1572.4	1579.3	1537.9	1551.7	3165.4	11475.5	12882.4	10923.8	6765.3
75°	1558.6	1558.6	1544.8	1496.5	1227.6	1000.0	1089.6	4641.3	5365.4	7296.4	5020.6
77.5°	1234.4	1358.6	1503.4	1413.8	1124.1	751.7	634.5	1344.8	1696.5	4475.7	3641.3
80°	572.4	579.3	572.4	600.0	717.2	537.9	469.0	655.2	662.1	2482.7	2255.1
82.5°	413.8	420.7	400.0	358.6	317.2	289.6	386.2	482.7	517.2	1137.9	841.4
85°	124.1	117.2	137.9	186.2	220.7	255.2	324.1	406.9	427.6	420.7	124.1
87.5°	55.2	55.2	69.0	96.5	131.0	193.1	282.8	372.4	379.3	434.5	34.5
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5	165.5
2.5°	172.4	165.5	158.6	151.7	144.8	137.9	131.0	131.0	137.9	137.9	137.9
5°	165.5	158.6	144.8	131.0	124.1	117.2	110.3	110.3	117.2	117.2	117.2
7.5°	165.5	151.7	137.9	124.1	110.3	103.4	96.5	96.5	96.5	103.4	103.4
10°	165.5	151.7	131.0	110.3	96.5	89.7	82.8	75.9	82.8	82.8	82.8
12.5°	158.6	144.8	124.1	103.4	82.8	69.0	62.1	62.1	62.1	62.1	62.1
15°	151.7	137.9	117.2	89.7	69.0	55.2	41.4	41.4	41.4	48.3	48.3
17.5°	144.8	131.0	103.4	69.0	48.3	34.5	27.6	27.6	27.6	34.5	34.5
20°	144.8	124.1	89.7	55.2	34.5	20.7	13.8	13.8	13.8	20.7	27.6
22.5°	144.8	124.1	82.8	41.4	20.7	13.8	6.9	6.9	6.9	6.9	6.9
25°	144.8	117.2	75.9	34.5	13.8	6.9	0.0	0.0	6.9	13.8	20.7
27.5°	144.8	110.3	62.1	20.7	13.8	6.9	0.0	6.9	13.8	13.8	13.8
30°	144.8	110.3	55.2	20.7	6.9	0.0	0.0	6.9	13.8	13.8	20.7
32.5°	151.7	103.4	48.3	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	158.6	96.5	41.4	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	172.4	96.5	27.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	193.1	103.4	27.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	241.4	110.3	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	337.9	137.9	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	496.5	206.9	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	724.1	282.8	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	889.6	282.8	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	882.7	179.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	675.8	124.1	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	572.4	89.7	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	689.6	69.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1227.6	62.1	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1972.4	62.1	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2206.8	62.1	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1724.1	55.2	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	944.8	48.3	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	475.8	34.5	13.8	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0
80°	200.0	27.6	13.8	6.9	6.9	6.9	0.0	0.0	0.0	0.0	0.0
82.5°	69.0	27.6	13.8	13.8	6.9	6.9	0.0	0.0	0.0	0.0	0.0
85°	34.5	20.7	20.7	13.8	13.8	6.9	6.9	0.0	0.0	0.0	0.0
87.5°	20.7	20.7	20.7	13.8	13.8	6.9	6.9	0.0	0.0	0.0	6.9
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

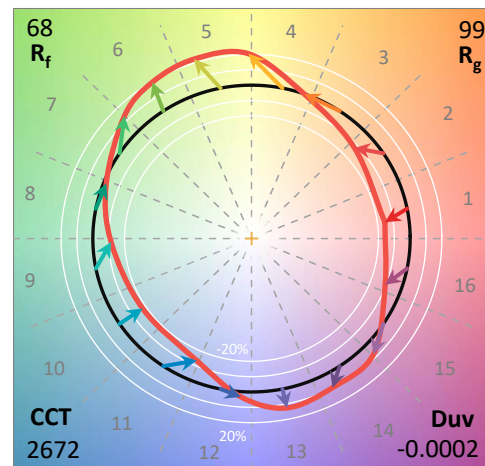
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

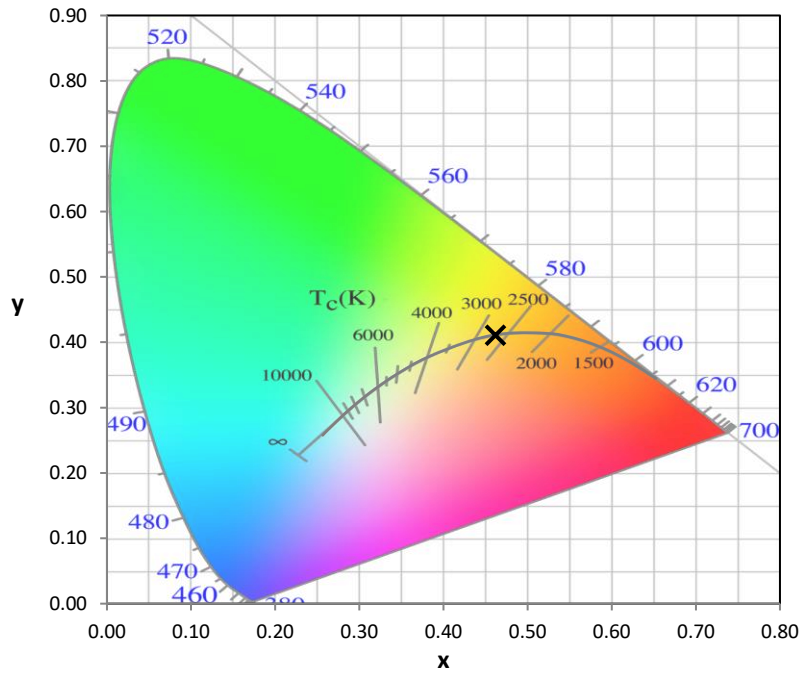
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

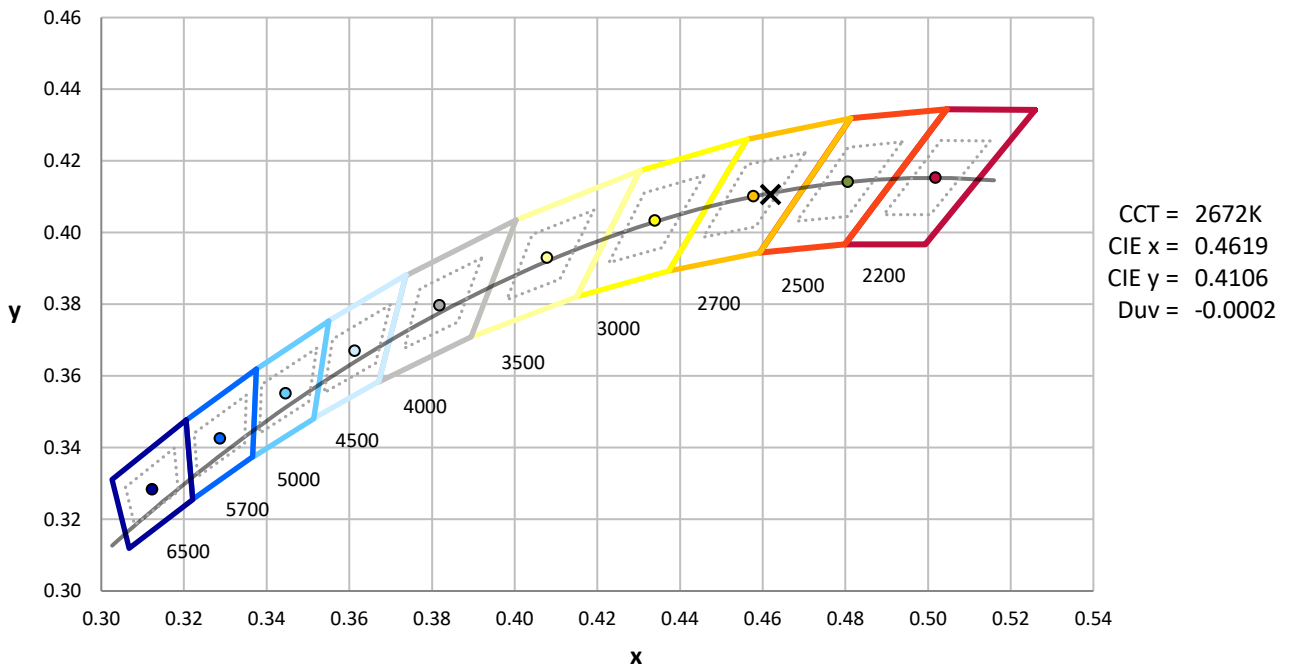
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



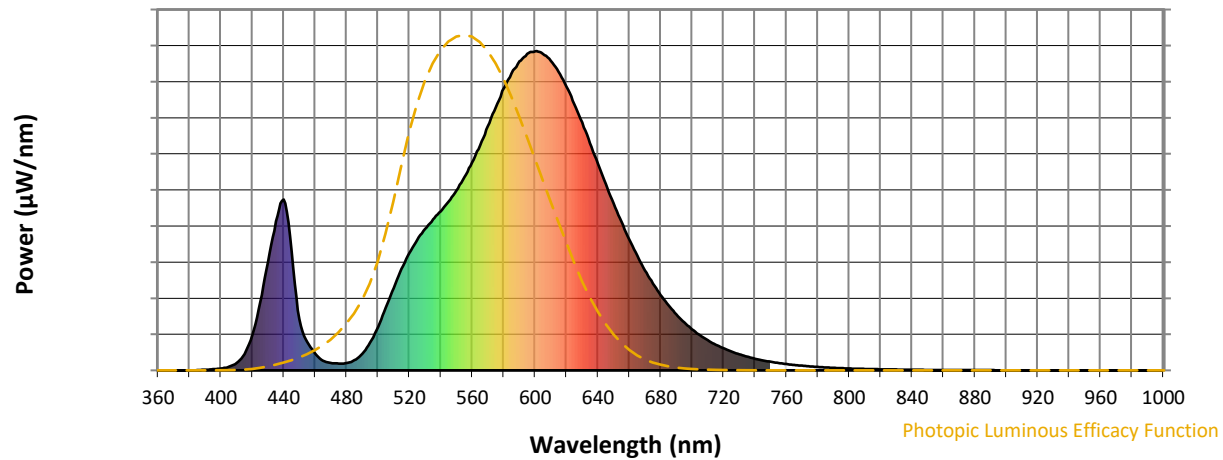
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

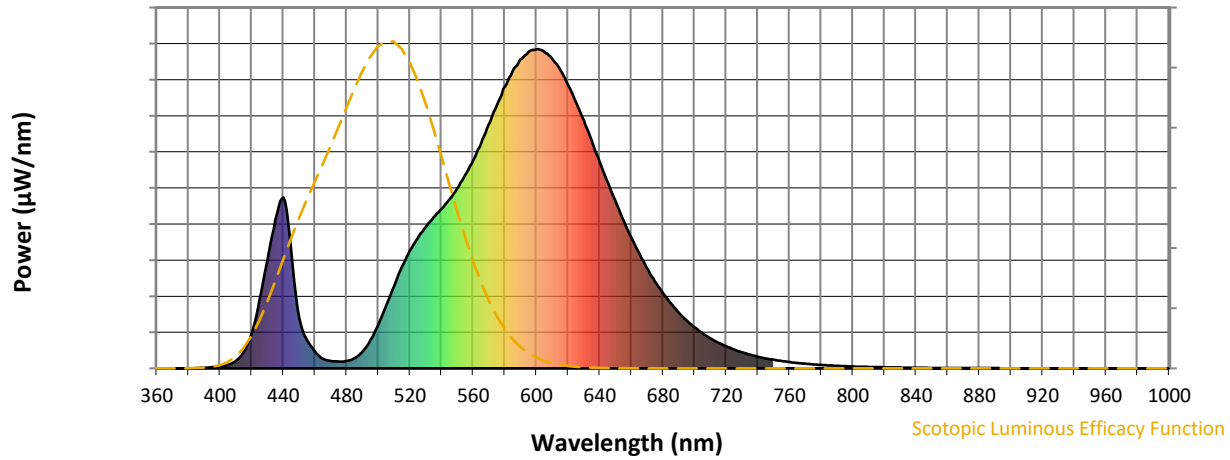


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



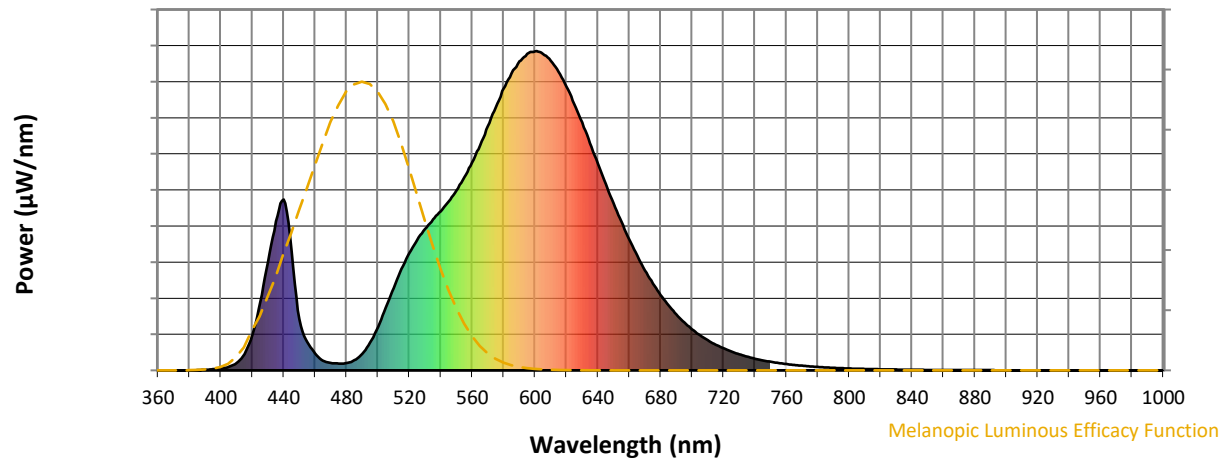
Scotopic Lumens: NR

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			

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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			

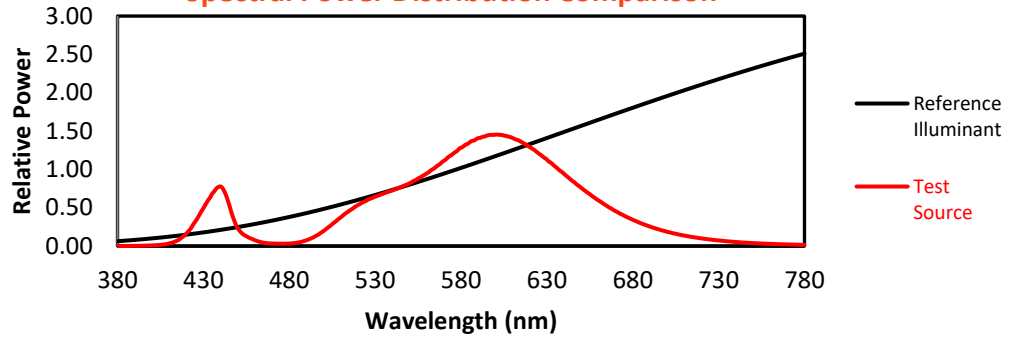
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TM-30-18

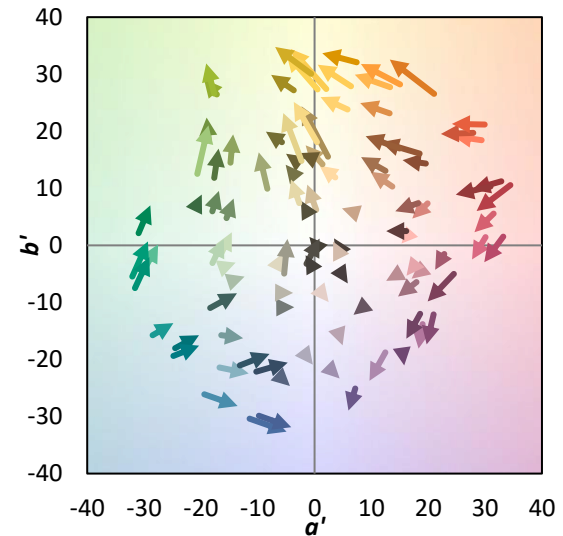
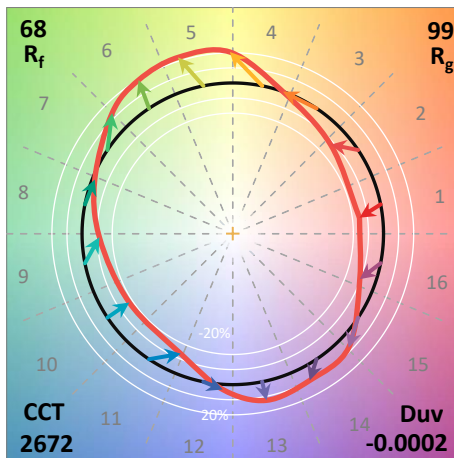
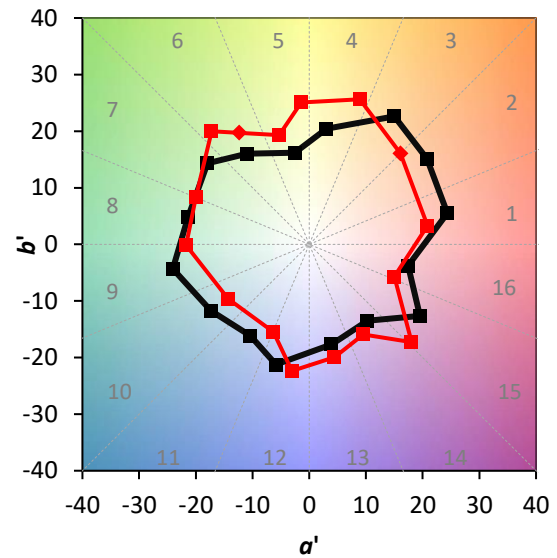
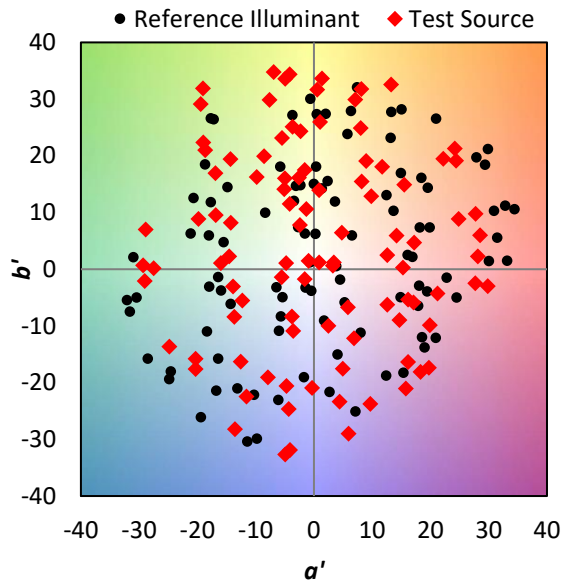
Summary

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

Spectral Power Distribution Comparison

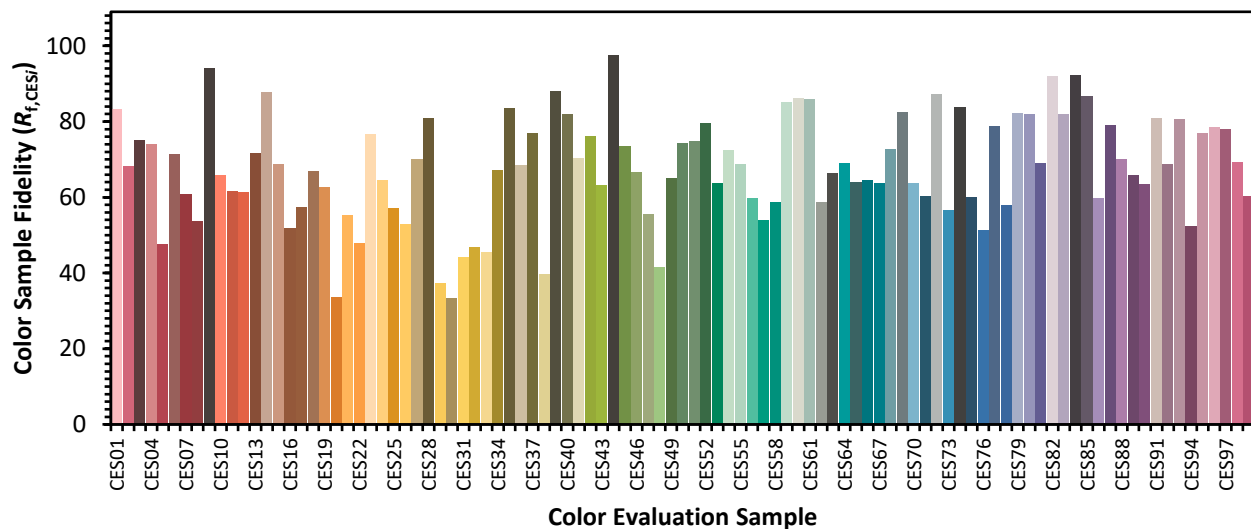


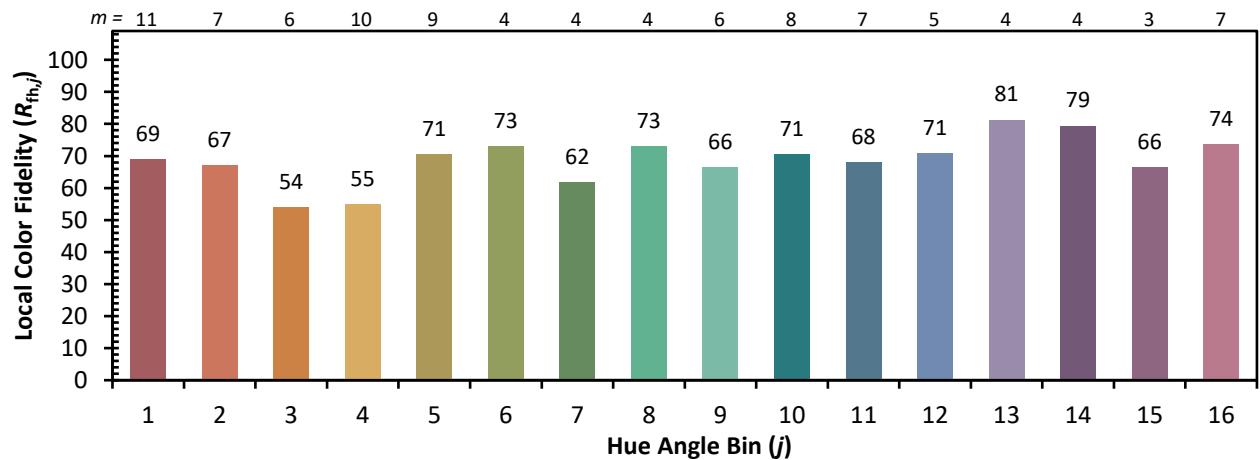
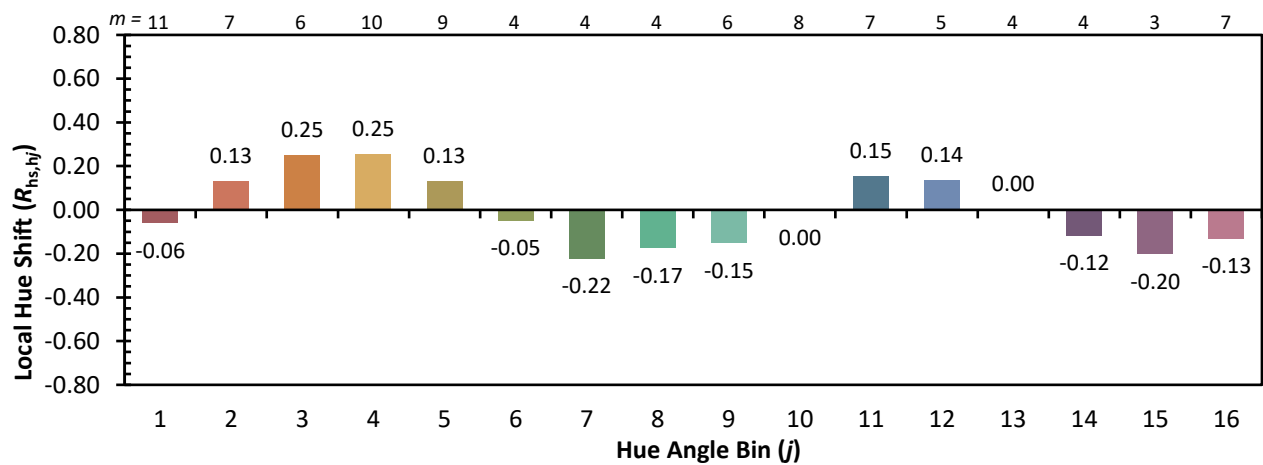
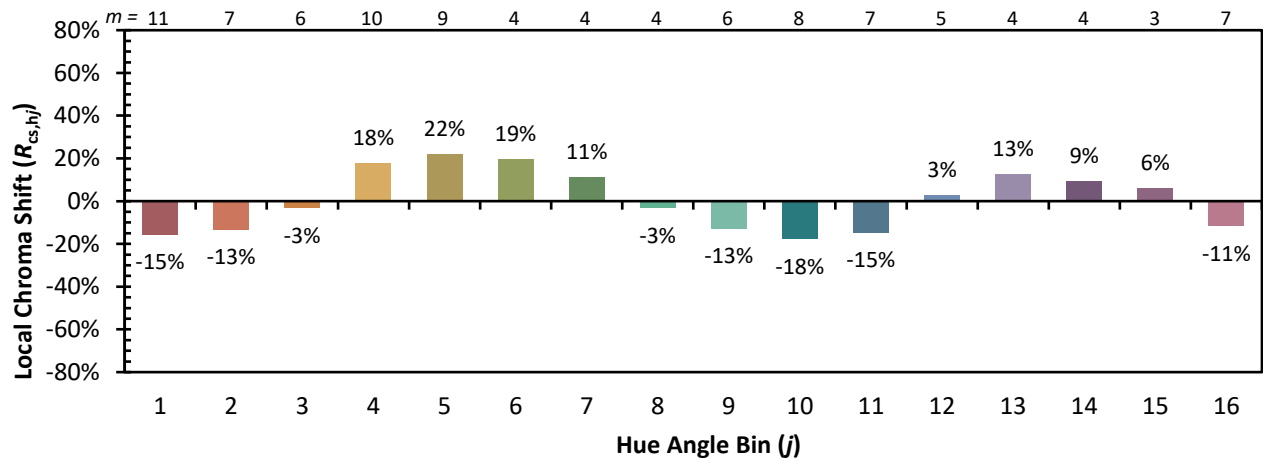
Color Vector Graphics



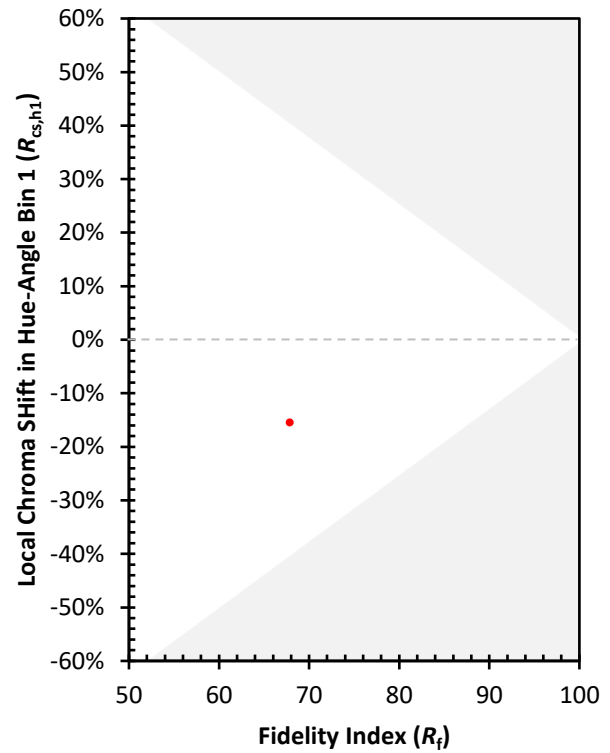
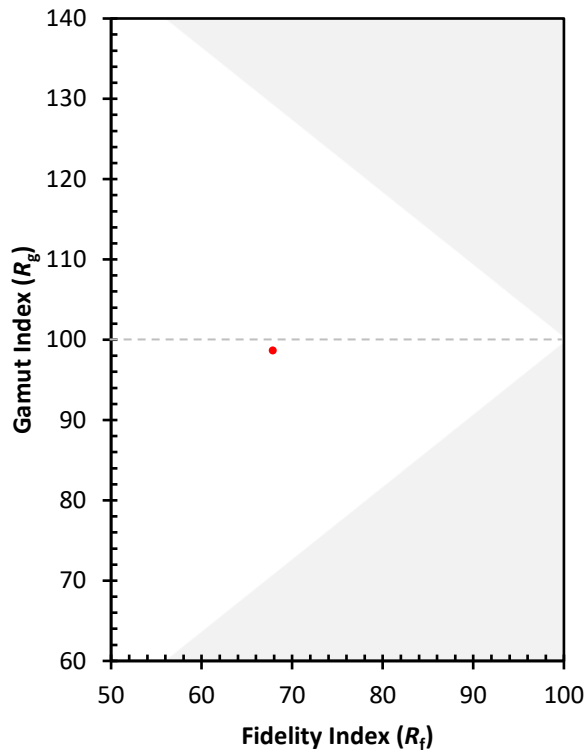
Individual Sample Fidelity Index (R_{fi})

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)