

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: P1063941

Luminaire Tested: **GLAN-SA9A-722-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063941
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9A-722-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23869.2 lumens
Efficiency: N/A
Efficacy: 97.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 244.6
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

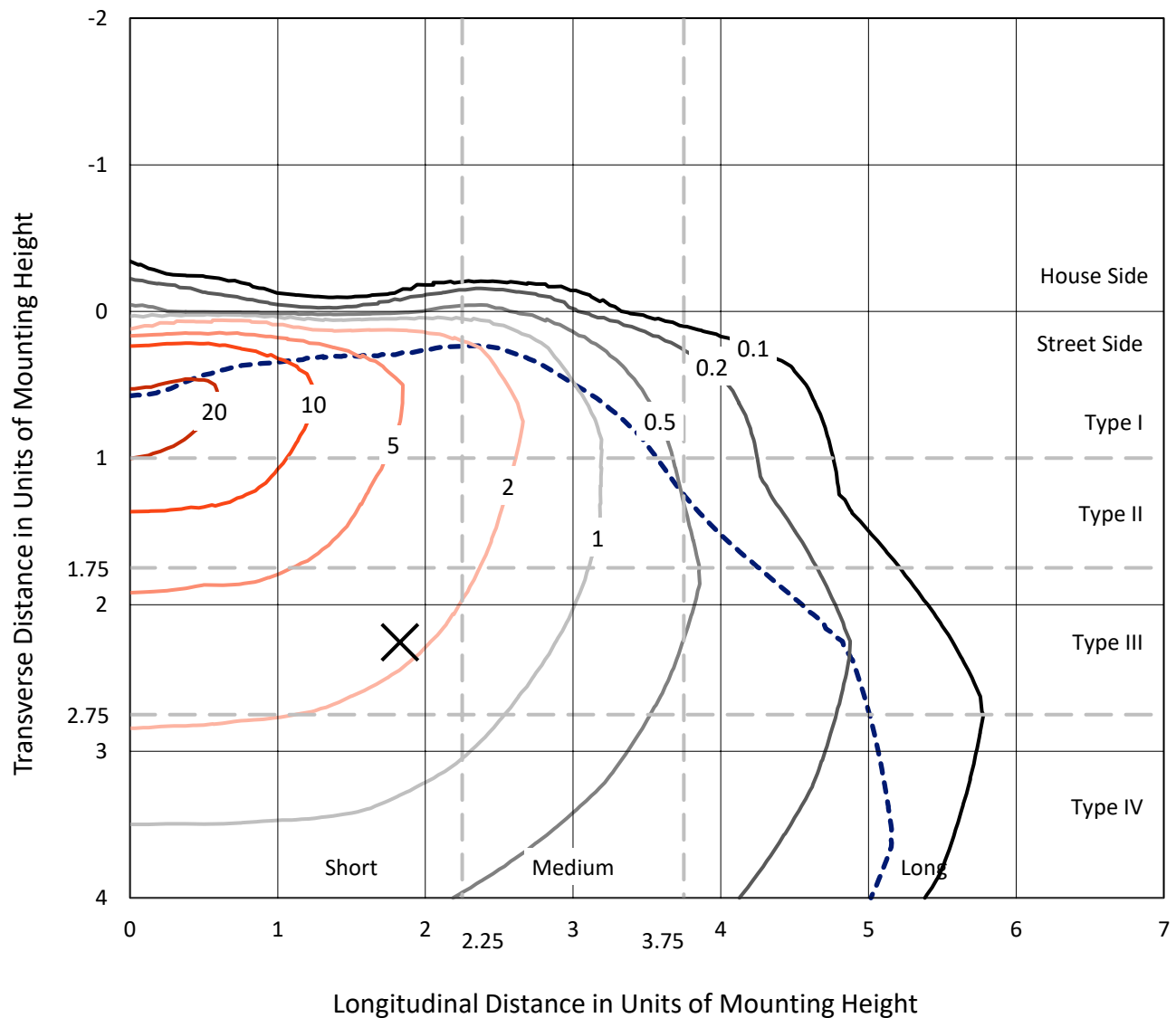


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

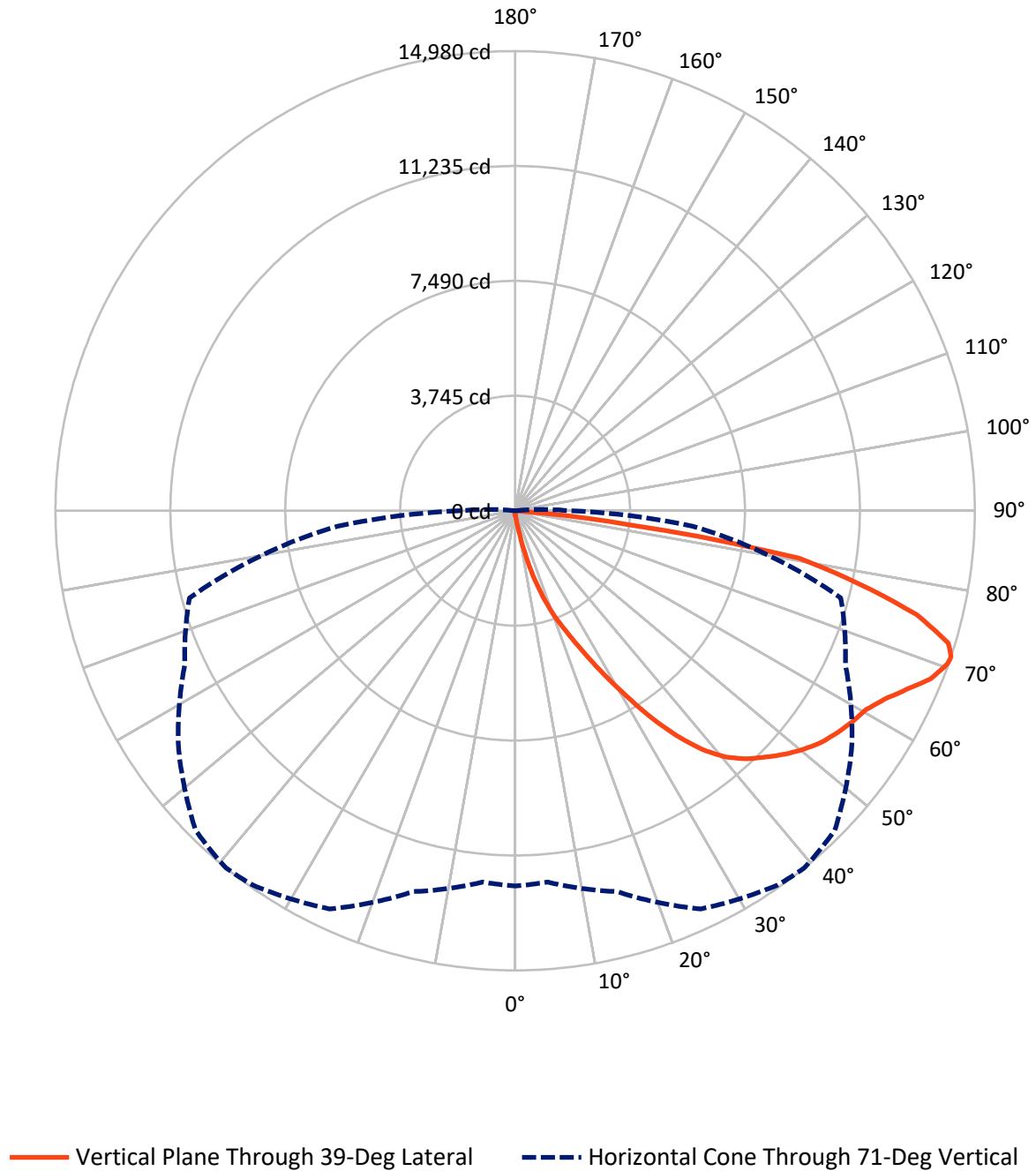


Based on 15 foot mounting height. Maximum calculated value = 24.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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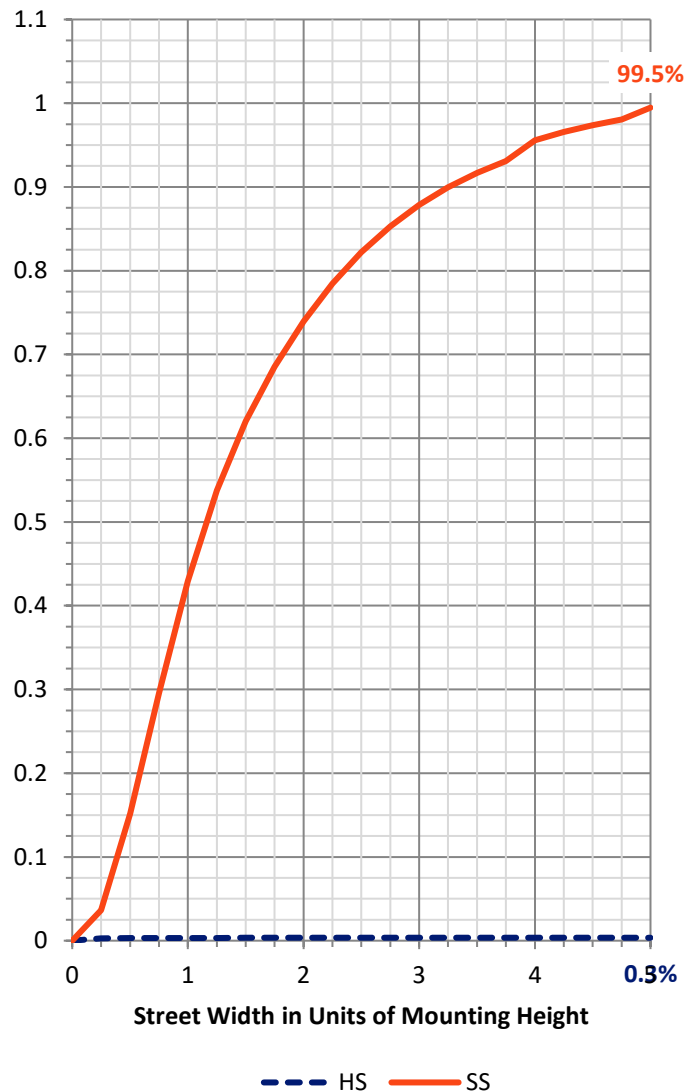
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	84.8	0.0	84.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23784.4	0.0	23784.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	23869.2	0.0	23869.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.9	0.1
10°-20°	255.1	1.1
20°-30°	908.5	3.8
30°-40°	2189.6	9.2
40°-50°	3664.5	15.4
50°-60°	4706.6	19.7
60°-70°	5956.3	25.0
70°-80°	5310.2	22.2
80°-90°	858.4	3.6
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°	23869.2	100.0
0°-180°	23869.2	100.0



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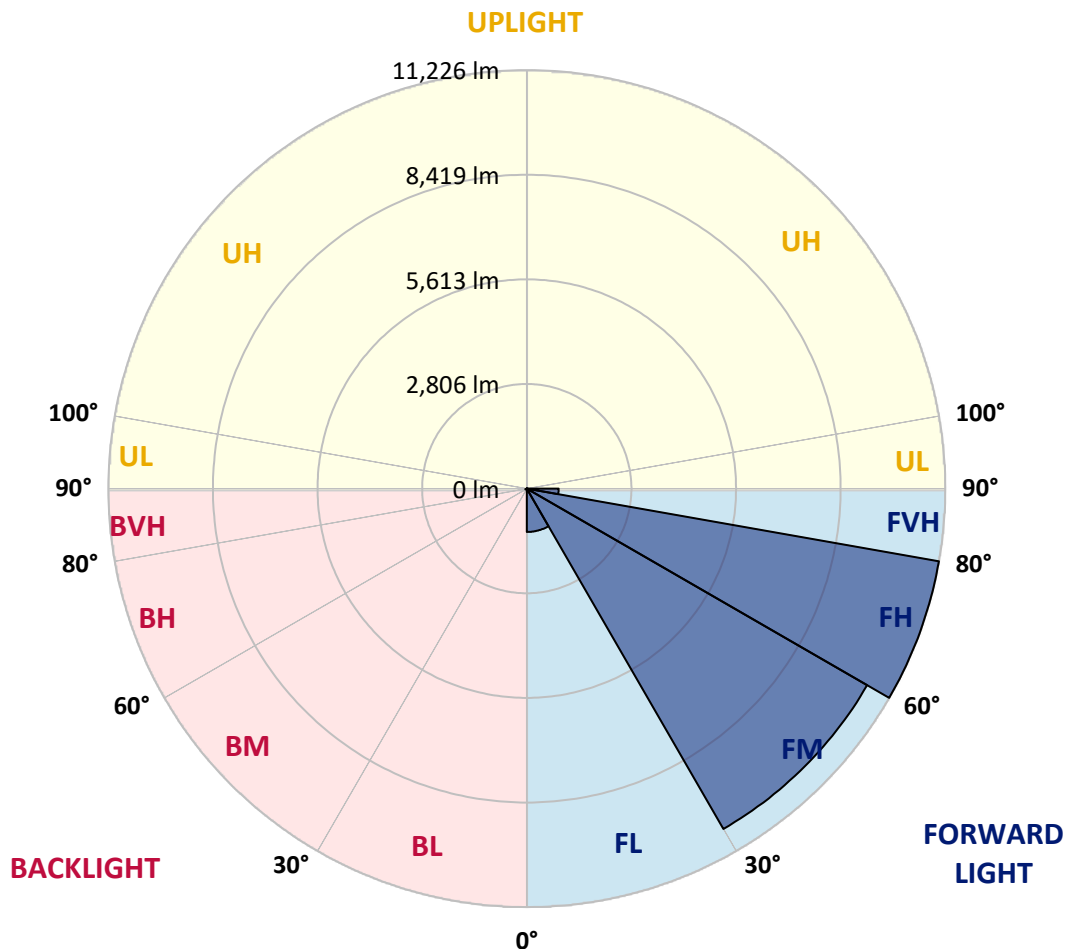
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1163.1	4.9			
FM	(30°-60°)	10541.1	44.2			
FH	(60°-80°)	11225.7	47.0			G4/12000
FVH	(80°-90°)	854.5	3.6			G5
BL	(0°-30°)	20.5	0.1	B0/110		
BM	(30°-60°)	19.6	0.1	B0/220		
BH	(60°-80°)	40.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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 IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9
2.5°	150.3	150.3	150.3	145.4	145.4	143.8	142.2	142.2	139.0	137.3	134.1
5°	227.8	223.0	211.7	205.2	192.3	184.2	176.1	164.8	153.5	145.4	135.7
7.5°	515.4	526.8	489.6	420.1	349.0	318.3	266.6	214.9	177.7	153.5	137.3
10°	1313.7	1307.2	1181.2	1042.2	804.7	709.3	555.8	350.6	229.4	168.0	139.0
12.5°	2234.7	2228.2	2079.6	1890.5	1577.0	1378.3	1087.4	654.4	329.6	190.7	139.0
15°	3008.7	2982.8	2935.9	2748.5	2381.7	2215.3	1830.7	1156.9	533.2	229.4	142.2
17.5°	3520.9	3498.3	3454.6	3386.8	3154.1	2957.0	2648.3	1817.8	862.8	297.3	148.7
20°	3991.1	3974.9	3939.4	3926.4	3776.2	3671.1	3415.8	2577.2	1344.4	404.0	158.4
22.5°	4637.4	4603.5	4618.0	4540.5	4393.4	4267.4	4110.6	3372.2	1932.5	581.7	176.1
25°	5429.2	5413.0	5372.6	5317.7	5114.1	5004.2	4763.4	4122.0	2590.2	814.4	195.5
27.5°	6385.7	6367.9	6358.3	6232.2	5997.9	5878.4	5542.3	4829.7	3330.2	1140.8	221.4
30°	7487.7	7495.8	7432.8	7271.2	6998.1	6830.1	6484.3	5571.3	4088.0	1523.7	248.8
32.5°	8628.5	8612.3	8515.4	8324.7	8080.7	7924.0	7484.5	6384.1	4883.0	2029.5	281.2
35°	9858.1	9827.4	9572.1	9354.0	9145.5	8948.4	8547.7	7327.7	5678.0	2596.6	324.8
37.5°	11099.1	10955.3	10443.0	10166.7	10022.9	9861.4	9488.1	8334.4	6468.1	3230.0	378.1
40°	12036.2	11924.8	11317.2	10808.2	10693.5	10556.2	10278.2	9203.7	7308.4	3910.3	442.7
42.5°	12554.9	12493.5	11947.4	11444.9	11175.0	11053.8	10816.3	9963.1	8138.9	4661.6	536.5
45°	12776.3	12681.0	12315.8	12081.5	11651.7	11451.3	11168.6	10536.8	9006.6	5514.8	667.3
47.5°	12708.4	12653.5	12391.7	12477.4	12165.5	11853.7	11438.4	10976.3	9748.2	6494.0	846.7
50°	12281.9	12235.0	12154.2	12617.9	12579.2	12210.8	11787.4	11323.7	10354.2	7503.9	1124.6
52.5°	11470.7	11451.3	11658.1	12508.1	12813.5	12525.8	12123.5	11630.7	10919.7	8559.0	1522.1
55°	10425.3	10504.4	11095.8	12336.8	12933.0	12758.5	12420.8	11918.3	11373.8	9502.6	2108.6
57.5°	9995.5	10016.5	10754.9	12215.6	12986.3	12963.7	12710.0	12193.0	11790.6	10257.2	3003.8
60°	10498.0	10465.7	10855.1	12307.7	13093.0	13147.9	12967.0	12448.3	12152.6	10905.2	4196.3
62.5°	11406.1	11388.3	11512.7	12700.3	13404.8	13516.3	13324.1	12632.5	12472.5	11331.7	5556.8
65°	12217.2	12180.1	12411.1	13396.8	13952.6	14031.8	13863.7	12947.6	12613.1	11642.0	6834.9
67.5°	12567.9	12559.8	12931.4	14059.3	14527.8	14613.5	14466.4	13382.2	12580.8	11740.6	7398.8
70°	12407.9	12377.2	12971.8	14340.4	14852.6	14949.6	14807.4	13543.8	12230.1	11428.7	6563.5
71°	12231.8	12149.4	12850.6	14321.0	14897.9	14980.3	14731.4	13396.8	11877.9	10986.0	5805.6
72.5°	11685.6	11700.2	12517.8	14119.0	14789.6	14765.4	14301.6	12870.0	11452.9	9980.9	4663.3
75°	10341.3	10426.9	11440.0	13270.7	13823.3	13514.7	12805.4	11863.4	10599.8	7156.5	3238.1
77.5°	8450.7	8578.4	9691.7	11638.8	11482.0	11451.3	11422.2	10452.7	9051.8	3844.0	2252.5
80°	4034.7	4311.0	5846.0	8308.5	9026.0	9373.4	9155.2	8423.3	6999.7	1830.7	1346.0
82.5°	263.4	260.1	368.4	698.0	2942.4	3803.6	6043.2	6020.5	4879.8	891.9	549.4
85°	124.4	127.6	140.6	160.0	185.8	203.6	281.2	1648.1	2334.9	425.0	119.6
87.5°	72.7	74.3	87.3	111.5	145.4	161.6	192.3	247.2	303.8	234.3	25.9
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°	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9	130.9
2.5°	132.5	130.9	126.0	121.2	116.3	113.1	111.5	113.1	113.1	114.7	114.7
5°	132.5	127.6	119.6	109.9	103.4	96.9	93.7	92.1	93.7	93.7	93.7
7.5°	130.9	122.8	111.5	100.2	92.1	84.0	80.8	79.2	79.2	80.8	80.8
10°	127.6	119.6	105.0	92.1	82.4	72.7	67.9	63.0	63.0	63.0	64.6
12.5°	126.0	114.7	96.9	84.0	71.1	59.8	50.1	45.2	46.9	46.9	46.9
15°	122.8	109.9	92.1	75.9	59.8	45.2	37.2	32.3	33.9	35.5	33.9
17.5°	122.8	108.3	85.6	66.2	46.9	33.9	27.5	24.2	24.2	25.9	25.9
20°	122.8	105.0	80.8	56.6	35.5	25.9	19.4	17.8	17.8	21.0	22.6
22.5°	126.0	105.0	74.3	46.9	29.1	19.4	14.5	12.9	14.5	17.8	19.4
25°	130.9	103.4	67.9	42.0	24.2	14.5	11.3	8.1	9.7	12.9	14.5
27.5°	135.7	101.8	61.4	37.2	19.4	11.3	8.1	6.5	4.8	6.5	6.5
30°	140.6	101.8	54.9	30.7	16.2	8.1	4.8	3.2	1.6	0.0	0.0
32.5°	143.8	98.6	50.1	24.2	12.9	6.5	3.2	1.6	0.0	0.0	0.0
35°	147.0	95.3	43.6	19.4	9.7	4.8	1.6	0.0	0.0	0.0	0.0
37.5°	150.3	90.5	37.2	16.2	8.1	3.2	0.0	0.0	0.0	0.0	0.0
40°	153.5	84.0	30.7	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	156.7	79.2	25.9	11.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	164.8	75.9	21.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	179.4	72.7	19.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	200.4	69.5	17.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	229.4	67.9	16.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	281.2	66.2	14.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	370.0	64.6	14.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	567.2	61.4	14.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1013.1	59.8	12.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1766.1	61.4	12.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2532.0	64.6	11.3	4.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	2166.8	56.6	11.3	6.5	3.2	1.6	0.0	0.0	0.0	0.0	0.0
71°	1766.1	50.1	11.3	6.5	3.2	1.6	1.6	0.0	0.0	0.0	0.0
72.5°	1135.9	38.8	9.7	6.5	3.2	3.2	1.6	0.0	0.0	0.0	0.0
75°	479.9	32.3	9.7	6.5	4.8	3.2	3.2	1.6	0.0	0.0	0.0
77.5°	205.2	24.2	9.7	8.1	6.5	4.8	4.8	3.2	1.6	0.0	0.0
80°	77.6	19.4	11.3	9.7	8.1	8.1	6.5	3.2	1.6	0.0	0.0
82.5°	35.5	16.2	11.3	9.7	9.7	8.1	6.5	4.8	3.2	0.0	0.0
85°	22.6	14.5	11.3	9.7	9.7	8.1	8.1	4.8	3.2	0.0	0.0
87.5°	17.8	14.5	11.3	11.3	9.7	9.7	6.5	4.8	1.6	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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

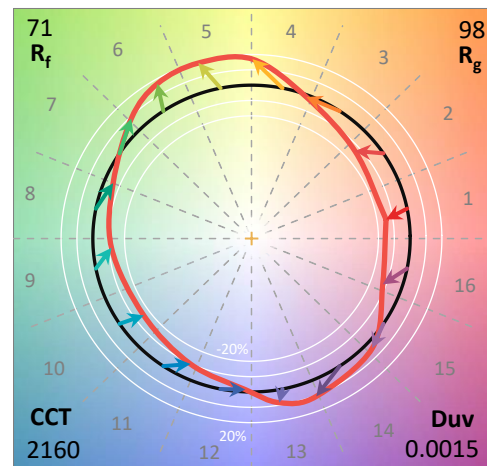
Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

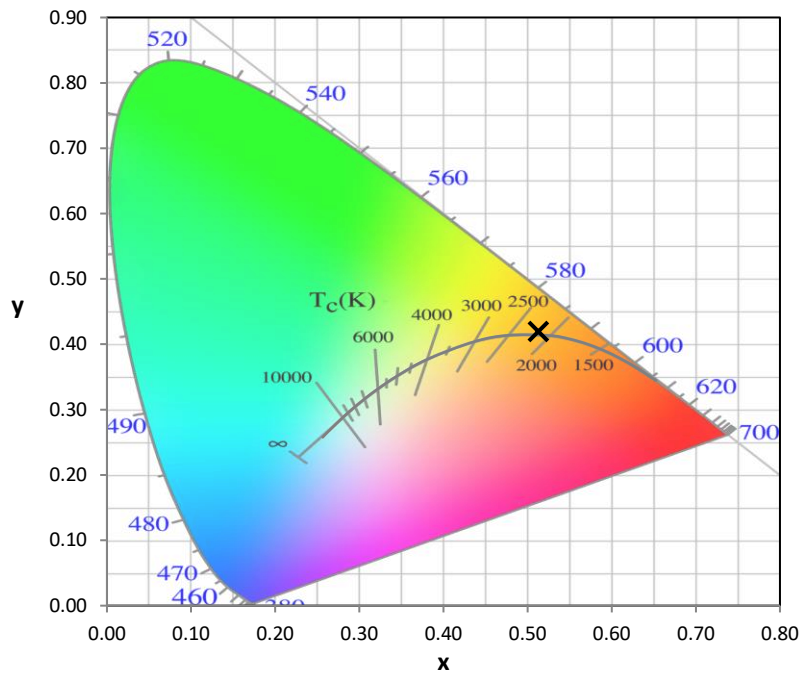
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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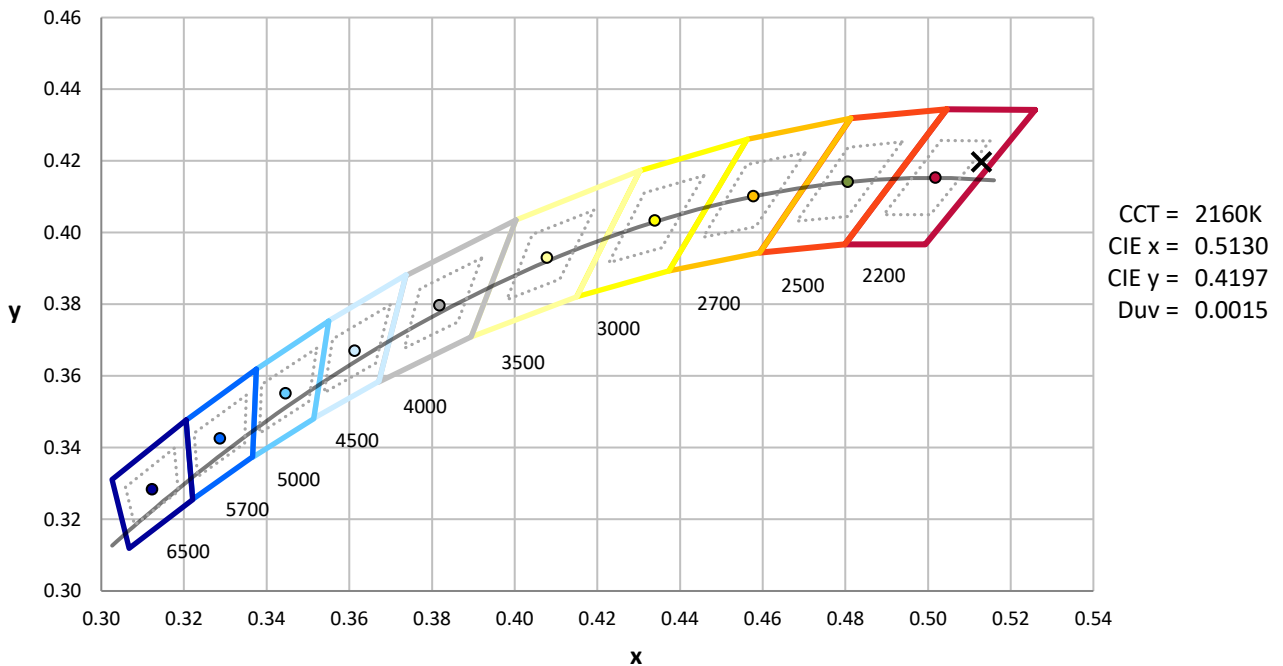
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



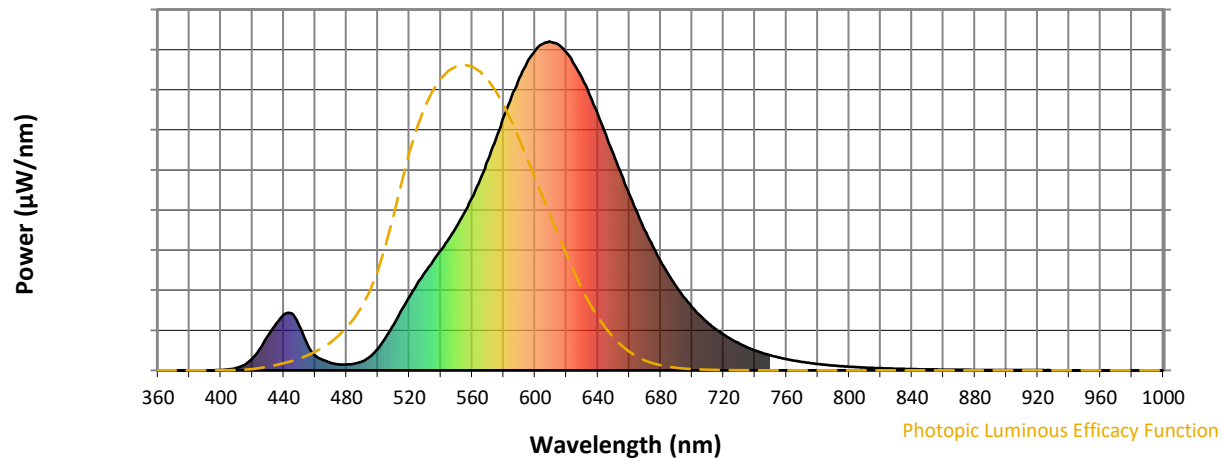
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

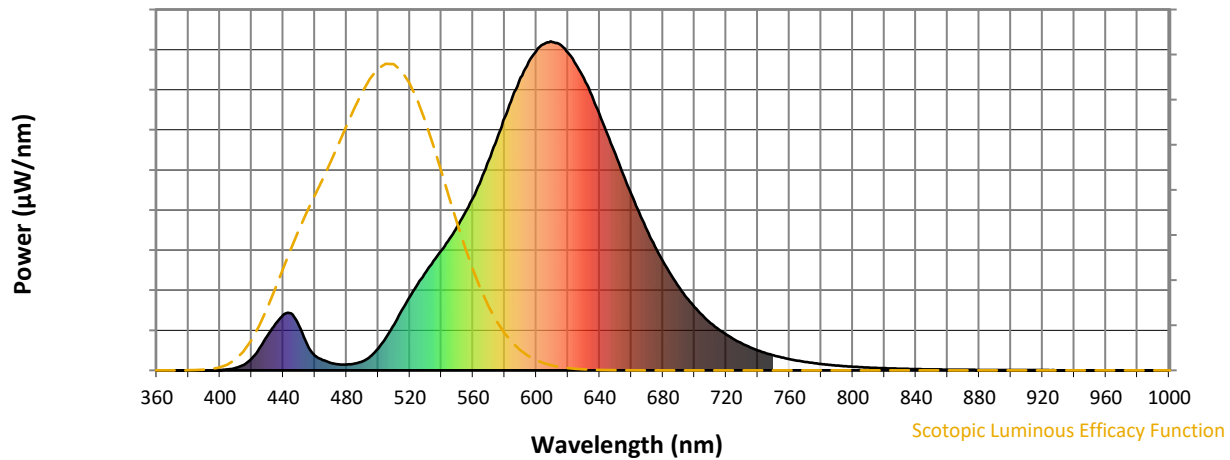


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



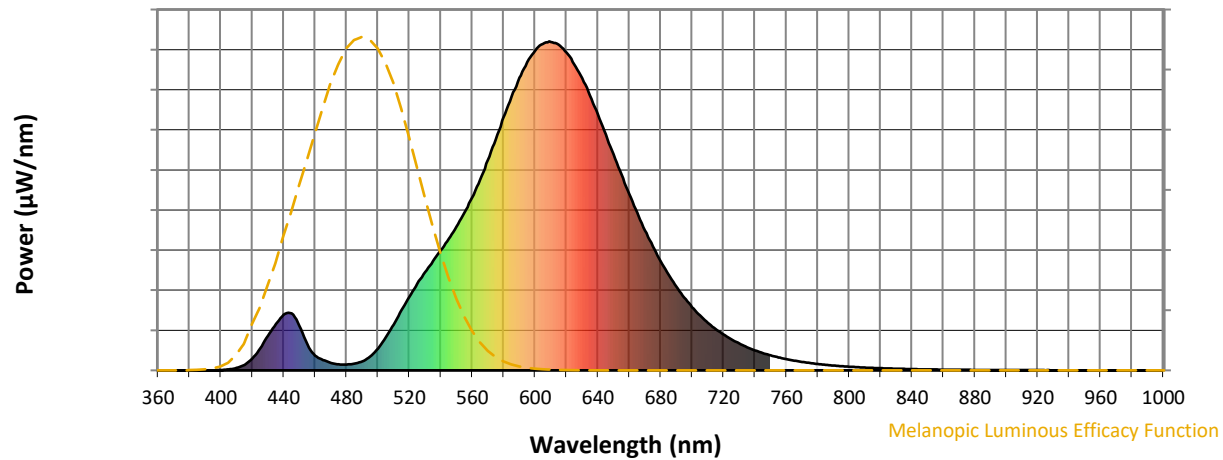
Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.21

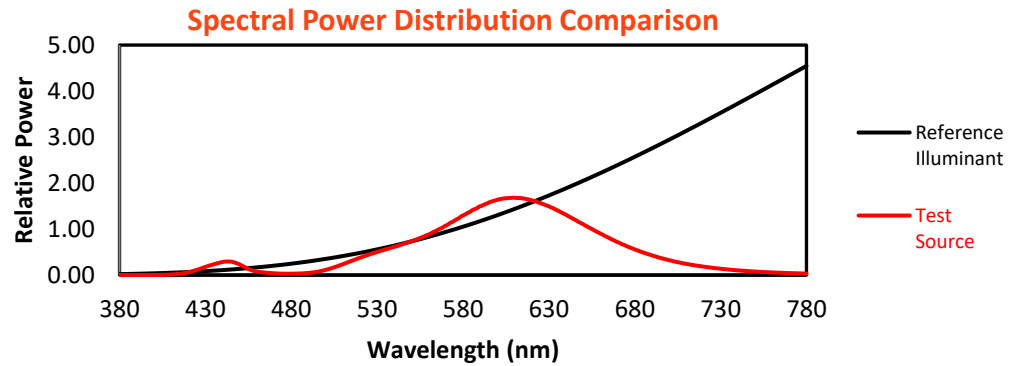
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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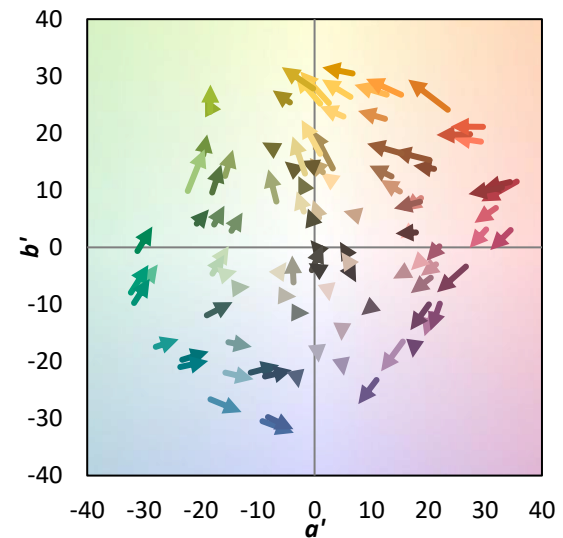
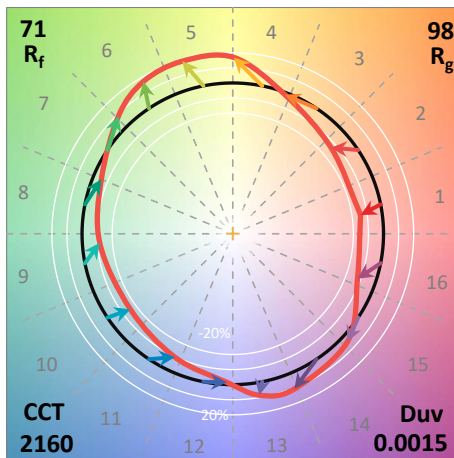
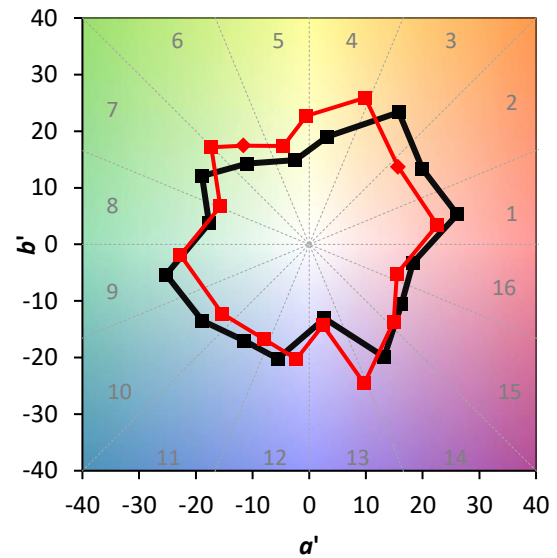
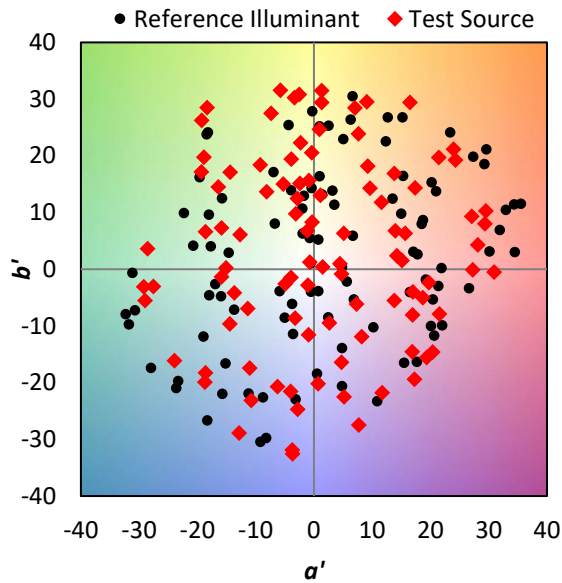
TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE R_a = 71.9$
 $R_g = -17.8$

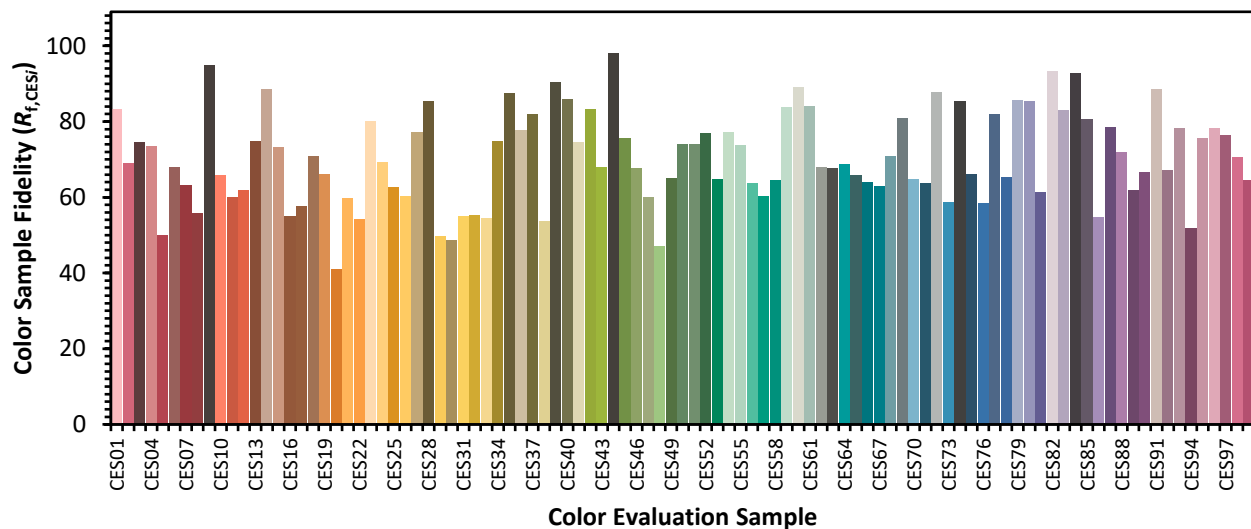


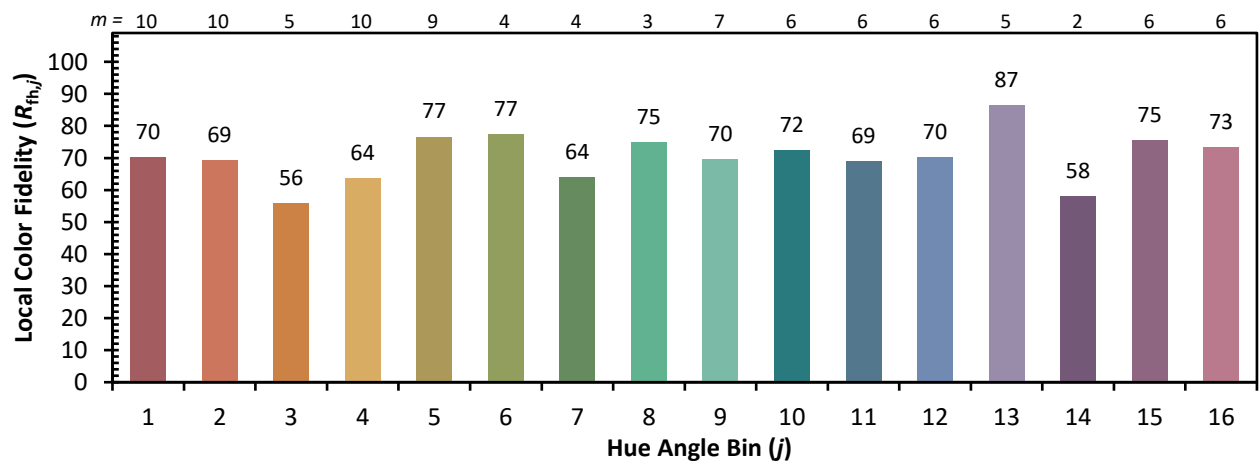
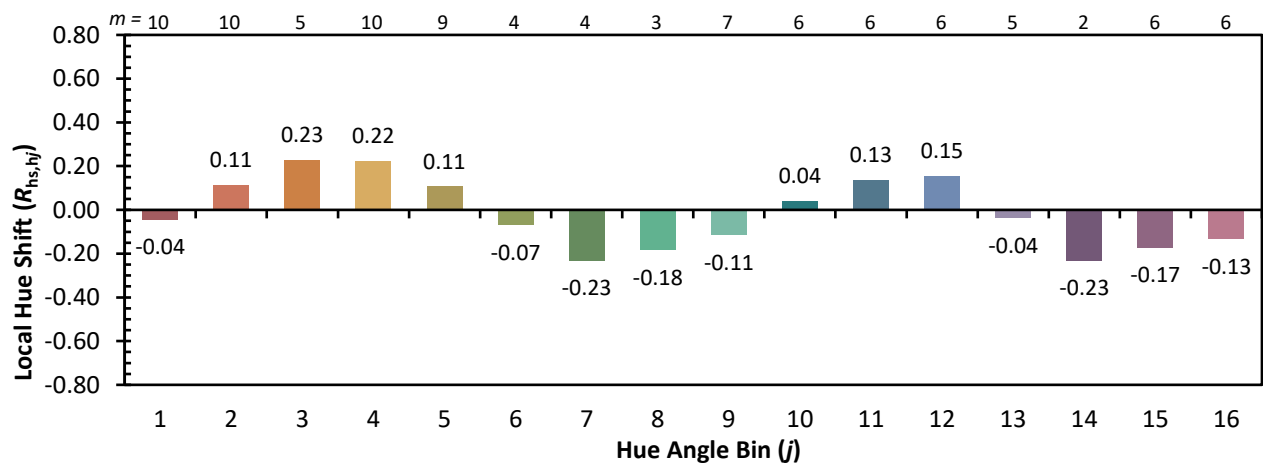
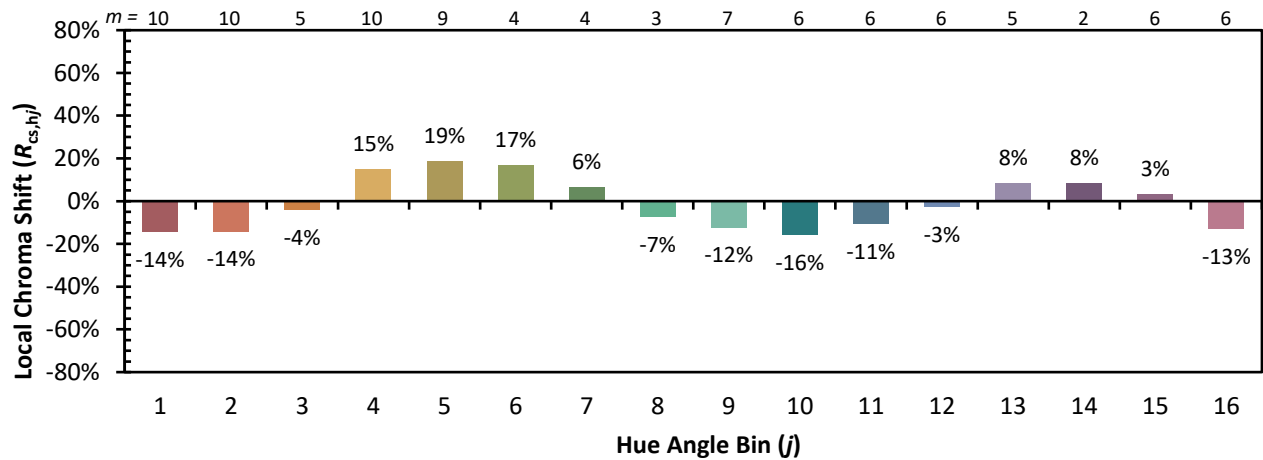
Color Vector Graphics



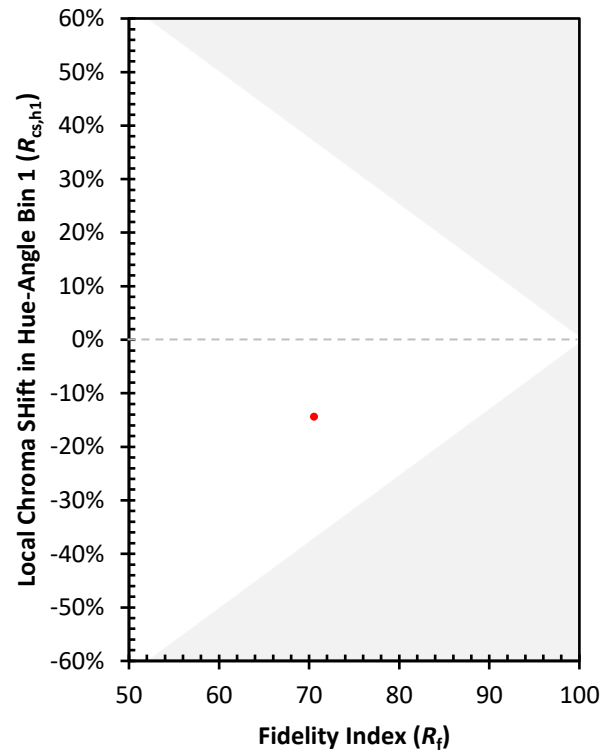
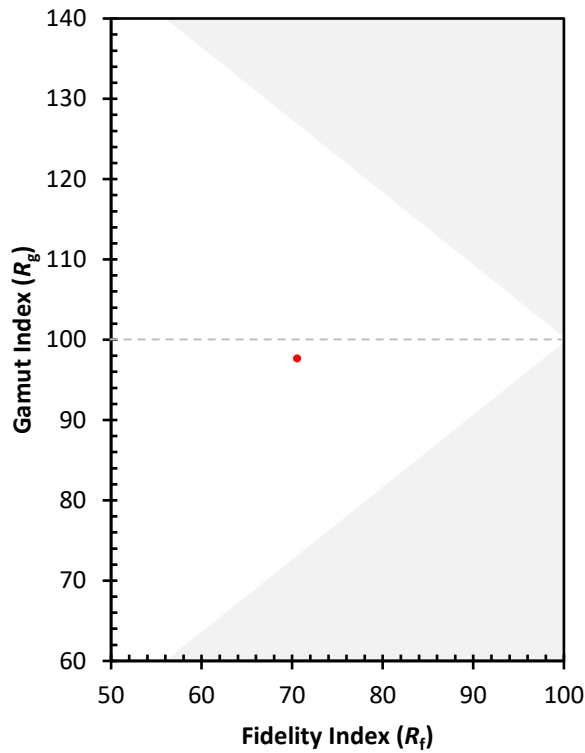
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)