

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: P1064123

Luminaire Tested: **GLAN-SA9C-760-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064123
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9C-760-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 50226.7 lumens
Efficiency: N/A
Efficacy: 120.4 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): 417.1
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

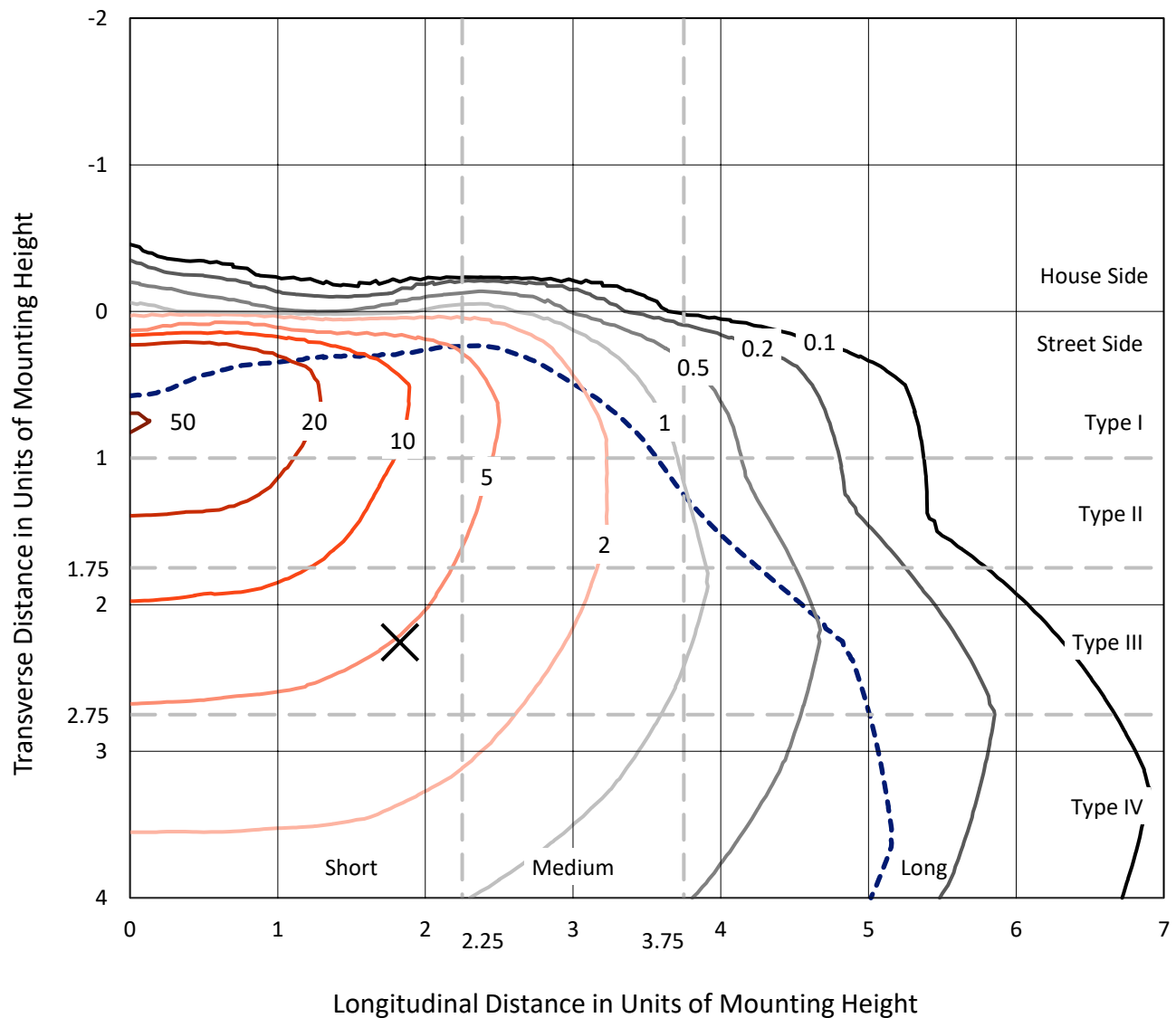


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

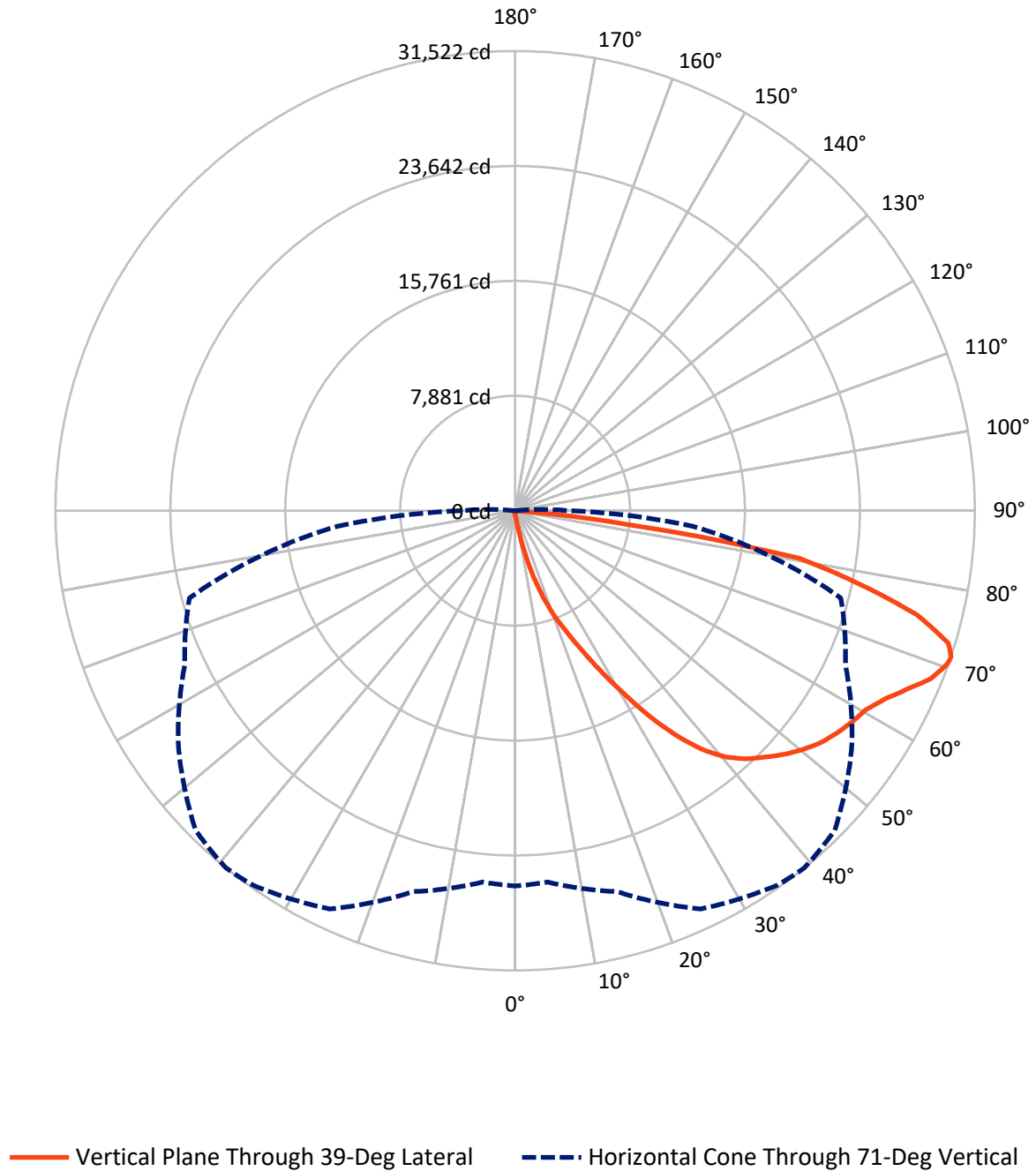


Based on 15 foot mounting height. Maximum calculated value = 51.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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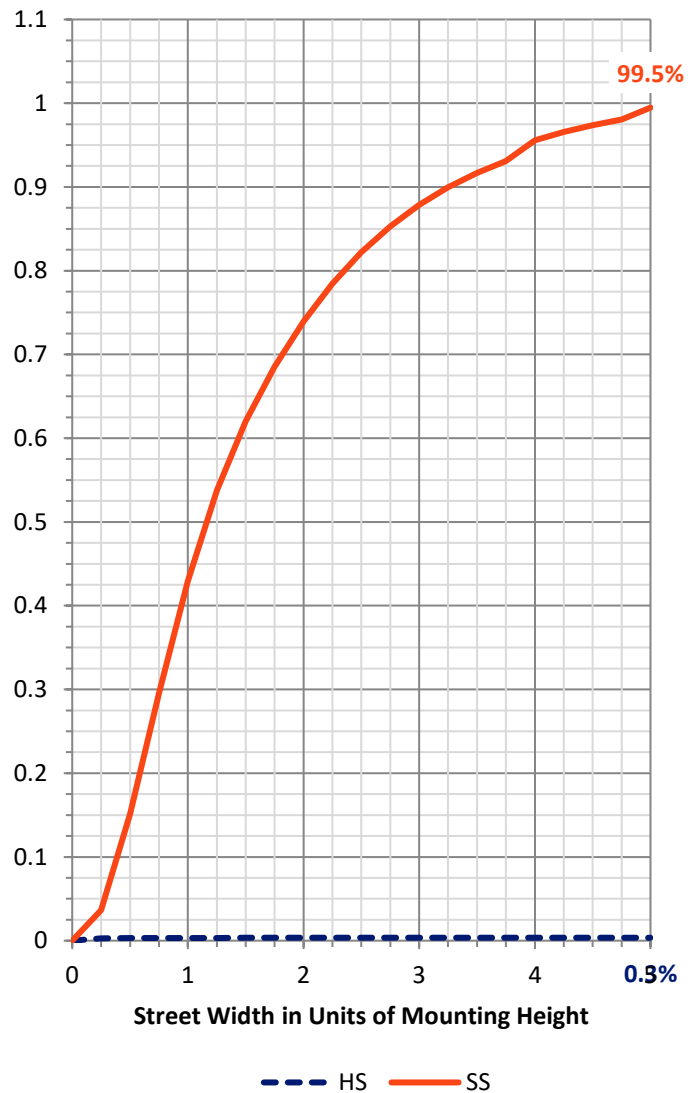
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	178.5	0.0	178.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	50048.2	0.0	50048.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	50226.7	0.0	50226.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.0	0.1
10°-20°	536.8	1.1
20°-30°	1911.8	3.8
30°-40°	4607.5	9.2
40°-50°	7711.0	15.4
50°-60°	9903.9	19.7
60°-70°	12533.4	25.0
70°-80°	11174.1	22.2
80°-90°	1806.2	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°	50226.7	100.0
0°-180°	50226.7	100.0



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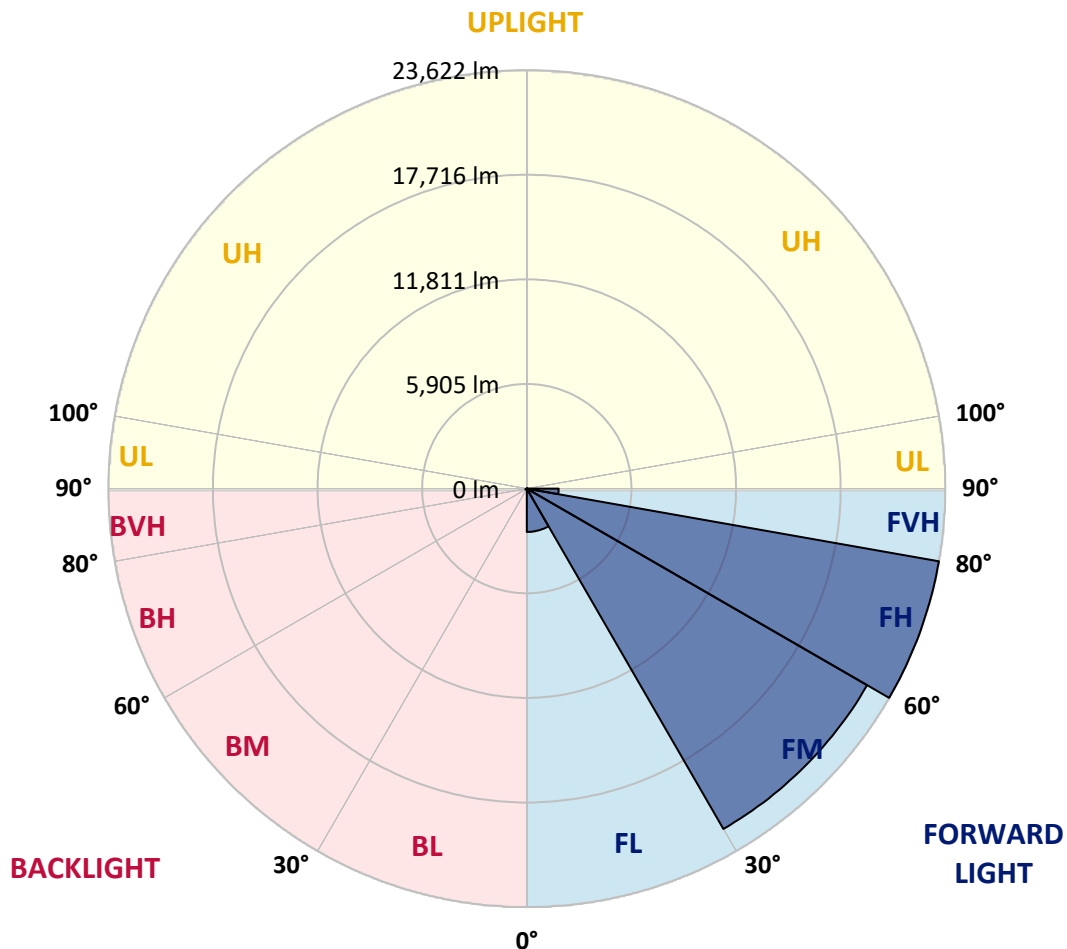
CATALOG NUMBER: GLAN-SA9C-760-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2447.4	4.9			
FM	(30°-60°)	22181.1	44.2			
FH	(60°-80°)	23621.7	47.0			G5
FVH	(80°-90°)	1798.0	3.6			G5
BL	(0°-30°)	43.2	0.1	B0/110		
BM	(30°-60°)	41.3	0.1	B0/220		
BH	(60°-80°)	85.8	0.2	B0/110		G0/110
BVH	(80°-90°)	8.2	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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	316.2	316.2	316.2	306.0	306.0	302.6	299.2	299.2	292.4	289.0	282.2
5°	479.4	469.2	445.4	431.8	404.6	387.6	370.6	346.8	323.0	306.0	285.6
7.5°	1084.6	1108.4	1030.2	884.0	734.4	669.8	561.0	452.2	374.0	323.0	289.0
10°	2764.3	2750.7	2485.5	2193.1	1693.2	1492.6	1169.6	737.8	482.8	353.6	292.4
12.5°	4702.3	4688.7	4375.9	3978.1	3318.5	2900.3	2288.3	1377.0	693.6	401.2	292.4
15°	6330.9	6276.5	6177.9	5783.5	5011.7	4661.5	3852.3	2434.5	1122.0	482.8	299.2
17.5°	7408.8	7361.2	7269.4	7126.6	6637.0	6222.1	5572.7	3825.1	1815.6	625.6	312.8
20°	8398.2	8364.2	8289.4	8262.2	7946.0	7725.0	7187.8	5423.1	2828.9	850.0	333.2
22.5°	9758.2	9686.8	9717.4	9554.2	9244.8	8979.6	8649.8	7096.0	4066.5	1224.0	370.6
25°	11424.3	11390.3	11305.3	11189.7	10761.2	10530.0	10023.4	8673.6	5450.3	1713.6	411.4
27.5°	13437.1	13399.7	13379.3	13114.1	12621.1	12369.5	11662.3	10162.8	7007.6	2400.5	465.8
30°	15756.0	15773.0	15640.4	15300.4	14725.7	14372.1	13644.5	11723.5	8602.2	3206.3	523.6
32.5°	18156.4	18122.4	17918.4	17517.2	17003.8	16674.0	15749.2	13433.7	10275.0	4270.5	591.6
35°	20743.9	20679.3	20142.1	19683.1	19244.4	18829.6	17986.4	15419.4	11947.9	5463.9	683.4
37.5°	23355.1	23052.5	21974.7	21393.3	21090.7	20750.7	19965.3	17537.6	13610.5	6796.8	795.6
40°	25327.2	25092.6	23814.1	22743.1	22501.7	22212.7	21627.9	19366.8	15378.6	8228.2	931.6
42.5°	26418.6	26289.4	25140.2	24082.8	23514.9	23259.9	22760.1	20964.9	17126.2	9809.2	1128.8
45°	26884.4	26683.8	25915.4	25422.4	24518.0	24096.4	23501.3	22171.9	18952.0	11604.5	1404.2
47.5°	26741.6	26626.0	26075.2	26255.4	25599.2	24943.0	24069.2	23096.7	20512.7	13664.9	1781.6
50°	25844.0	25745.4	25575.4	26551.2	26469.6	25694.4	24803.6	23827.7	21787.7	15790.0	2366.5
52.5°	24137.2	24096.4	24531.6	26320.0	26962.6	26357.4	25510.8	24473.8	22977.7	18010.2	3202.9
55°	21937.3	22103.9	23348.3	25959.6	27214.2	26847.0	26136.4	25079.0	23933.2	19995.9	4437.1
57.5°	21032.9	21077.1	22630.9	25704.6	27326.4	27278.8	26745.0	25657.0	24810.4	21583.7	6320.7
60°	22090.3	22022.3	22841.7	25898.4	27550.8	27666.4	27285.6	26194.2	25572.0	22947.1	8830.0
62.5°	24001.2	23963.8	24225.6	26724.6	28207.0	28441.7	28037.0	26581.8	26245.2	23844.7	11692.9
65°	25708.0	25629.8	26116.0	28190.0	29359.7	29526.3	29172.7	27244.8	26541.0	24497.6	14382.3
67.5°	26445.8	26428.8	27210.8	29584.1	30570.1	30750.3	30440.9	28159.4	26473.0	24705.0	15569.0
70°	26109.2	26044.6	27295.8	30175.7	31253.5	31457.5	31158.3	28499.5	25735.2	24048.8	13811.1
71°	25738.6	25565.2	27040.8	30134.9	31348.7	31522.1	30998.5	28190.0	24994.0	23117.1	12216.5
72.5°	24589.4	24620.0	26340.4	29709.9	31120.9	31069.9	30094.1	27081.6	24099.8	21002.3	9812.6
75°	21760.5	21940.7	24072.6	27924.8	29087.7	28438.3	26945.6	24963.4	22304.5	15058.9	6813.8
77.5°	17782.4	18051.0	20393.7	24490.8	24161.0	24096.4	24035.2	21995.1	19047.2	8088.8	4739.7
80°	8490.0	9071.4	12301.5	17483.2	18992.8	19723.9	19264.8	17724.6	14729.1	3852.3	2832.3
82.5°	554.2	547.4	775.2	1468.8	6191.5	8003.8	12716.3	12668.7	10268.2	1876.8	1156.0
85°	261.8	268.6	295.8	336.6	391.0	428.4	591.6	3468.1	4913.1	894.2	251.6
87.5°	153.0	156.4	183.6	234.6	306.0	340.0	404.6	520.2	639.2	493.0	54.4
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°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4	275.4
2.5°	278.8	275.4	265.2	255.0	244.8	238.0	234.6	238.0	238.0	241.4	241.4
5°	278.8	268.6	251.6	231.2	217.6	204.0	197.2	193.8	197.2	197.2	197.2
7.5°	275.4	258.4	234.6	210.8	193.8	176.8	170.0	166.6	166.6	170.0	170.0
10°	268.6	251.6	221.0	193.8	173.4	153.0	142.8	132.6	132.6	132.6	136.0
12.5°	265.2	241.4	204.0	176.8	149.6	125.8	105.4	95.2	98.6	98.6	98.6
15°	258.4	231.2	193.8	159.8	125.8	95.2	78.2	68.0	71.4	74.8	71.4
17.5°	258.4	227.8	180.2	139.4	98.6	71.4	57.8	51.0	51.0	54.4	54.4
20°	258.4	221.0	170.0	119.0	74.8	54.4	40.8	37.4	37.4	44.2	47.6
22.5°	265.2	221.0	156.4	98.6	61.2	40.8	30.6	27.2	30.6	37.4	40.8
25°	275.4	217.6	142.8	88.4	51.0	30.6	23.8	17.0	20.4	27.2	30.6
27.5°	285.6	214.2	129.2	78.2	40.8	23.8	17.0	13.6	10.2	13.6	13.6
30°	295.8	214.2	115.6	64.6	34.0	17.0	10.2	6.8	3.4	0.0	0.0
32.5°	302.6	207.4	105.4	51.0	27.2	13.6	6.8	3.4	0.0	0.0	0.0
35°	309.4	200.6	91.8	40.8	20.4	10.2	3.4	0.0	0.0	0.0	0.0
37.5°	316.2	190.4	78.2	34.0	17.0	6.8	0.0	0.0	0.0	0.0	0.0
40°	323.0	176.8	64.6	30.6	10.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	329.8	166.6	54.4	23.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	346.8	159.8	44.2	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	377.4	153.0	40.8	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	421.6	146.2	37.4	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	482.8	142.8	34.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	591.6	139.4	30.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	778.6	136.0	30.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	1193.4	129.2	30.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2131.8	125.8	27.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	3716.3	129.2	27.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	5327.9	136.0	23.8	10.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	4559.5	119.0	23.8	13.6	6.8	3.4	0.0	0.0	0.0	0.0	0.0
71°	3716.3	105.4	23.8	13.6	6.8	3.4	3.4	0.0	0.0	0.0	0.0
72.5°	2390.3	81.6	20.4	13.6	6.8	6.8	3.4	0.0	0.0	0.0	0.0
75°	1009.8	68.0	20.4	13.6	10.2	6.8	6.8	3.4	0.0	0.0	0.0
77.5°	431.8	51.0	20.4	17.0	13.6	10.2	10.2	6.8	3.4	0.0	0.0
80°	163.2	40.8	23.8	20.4	17.0	17.0	13.6	6.8	3.4	0.0	0.0
82.5°	74.8	34.0	23.8	20.4	20.4	17.0	13.6	10.2	6.8	0.0	0.0
85°	47.6	30.6	23.8	20.4	20.4	17.0	17.0	10.2	6.8	0.0	0.0
87.5°	37.4	30.6	23.8	23.8	20.4	20.4	13.6	10.2	3.4	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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-760-U-5WQ

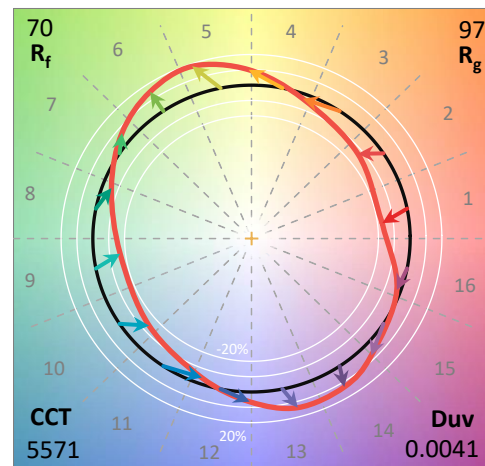
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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-70-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

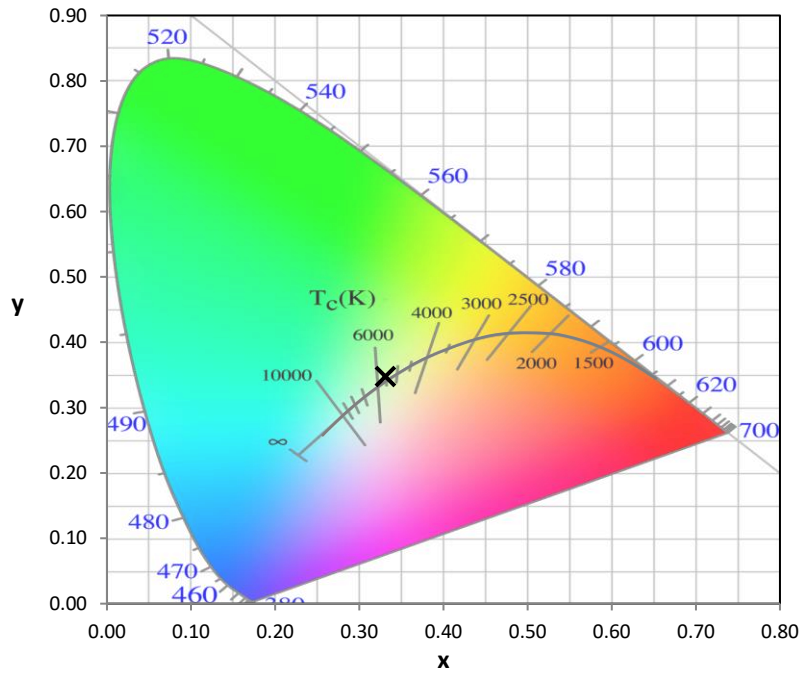
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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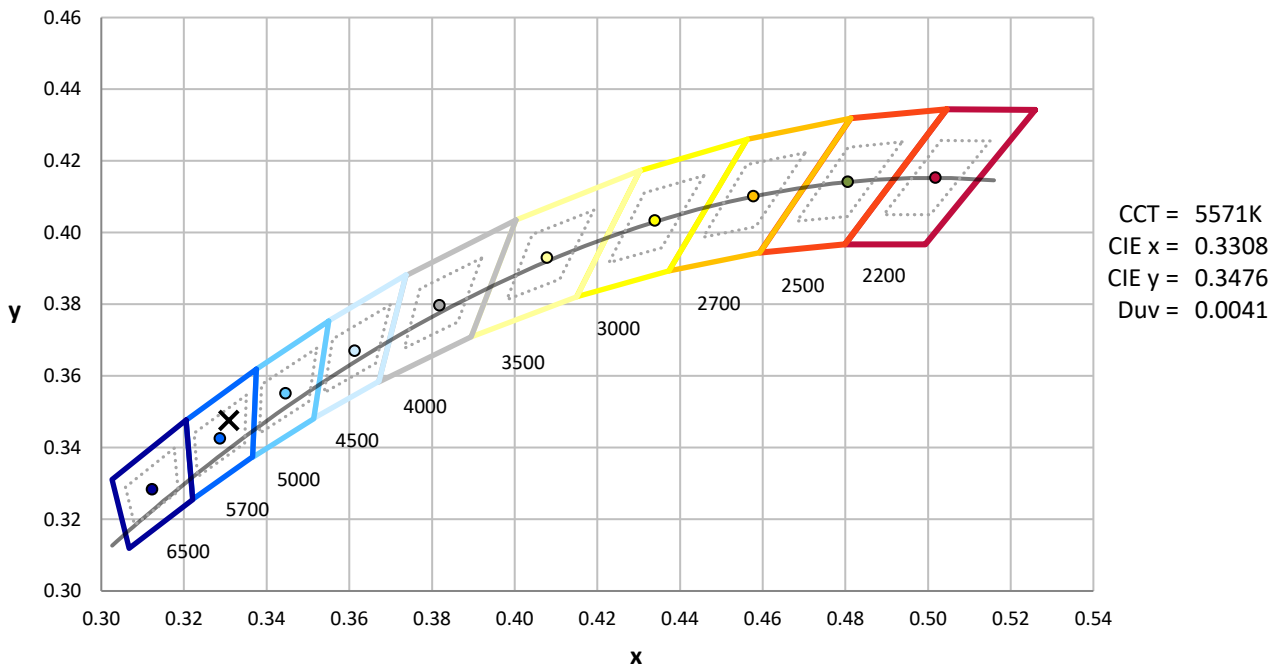
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



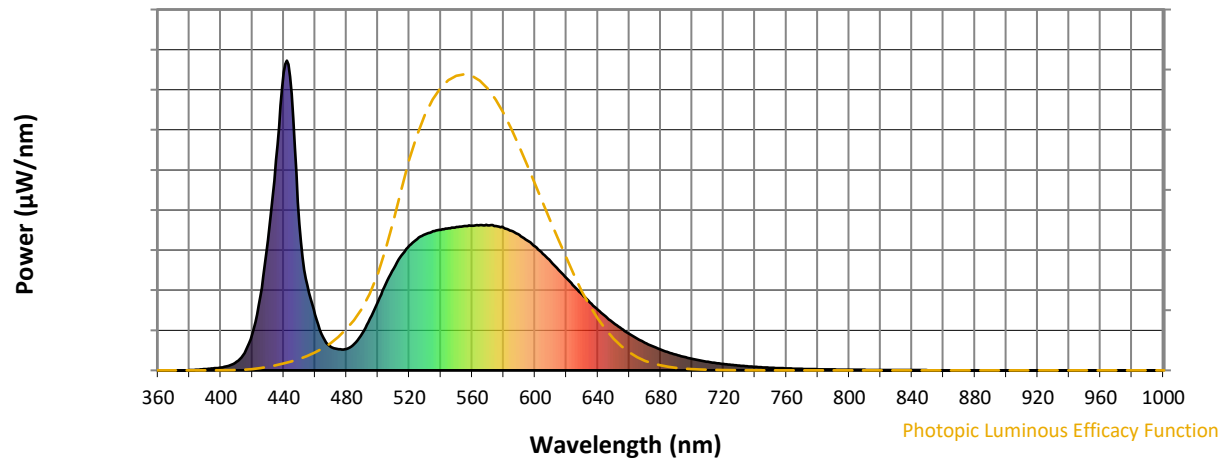
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

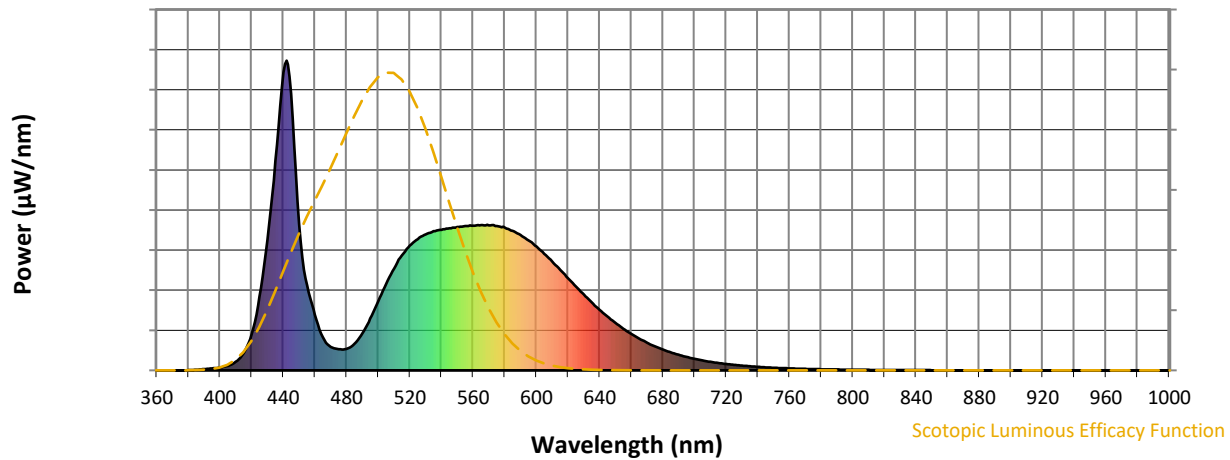


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



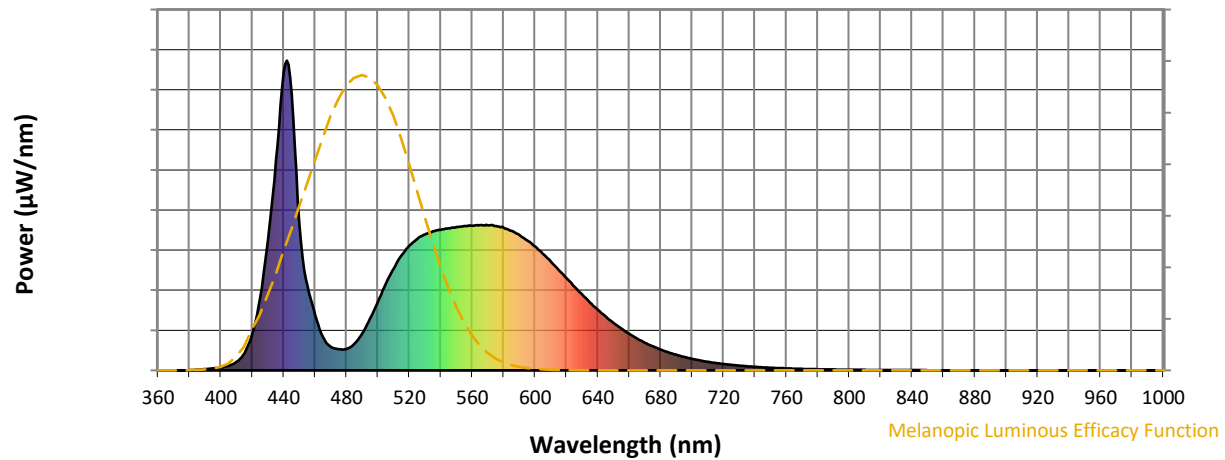
Scotopic Lumens: NR

S/P: 1.84

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /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

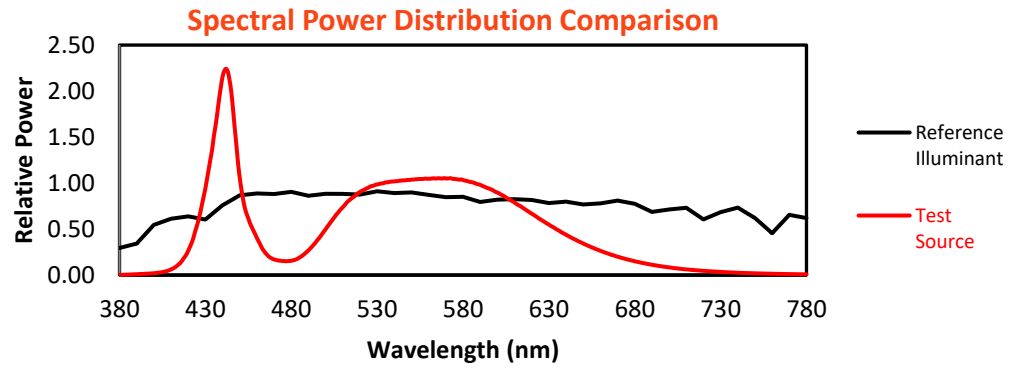
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	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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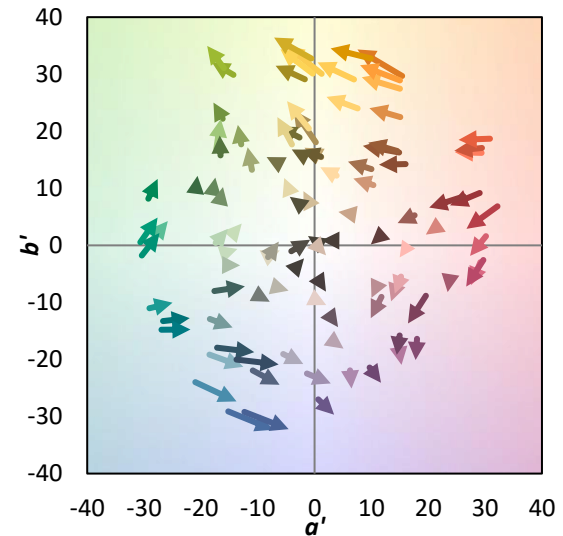
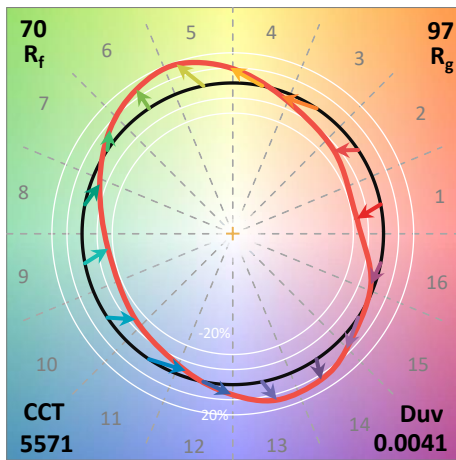
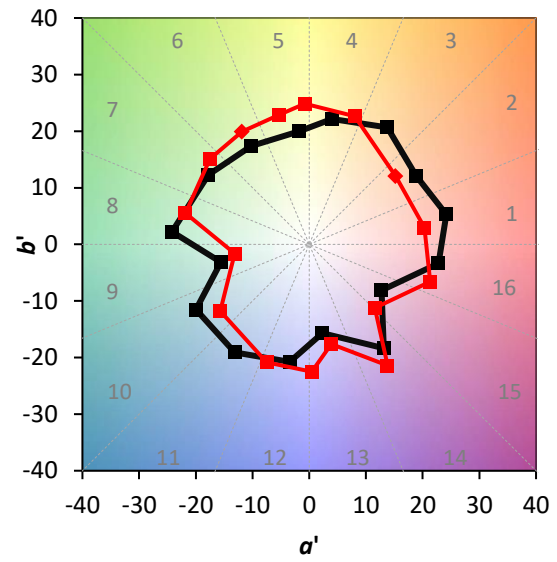
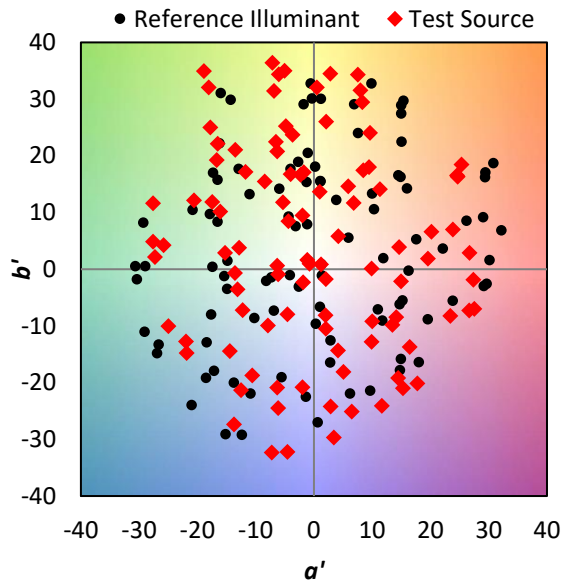
TM-30-18

Summary

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

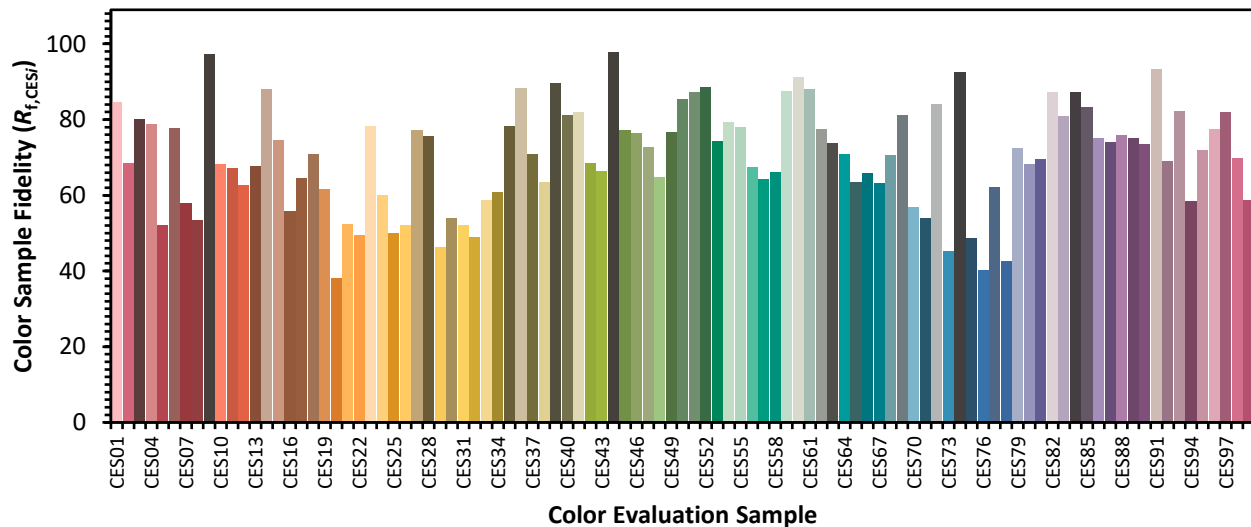


Color Vector Graphics

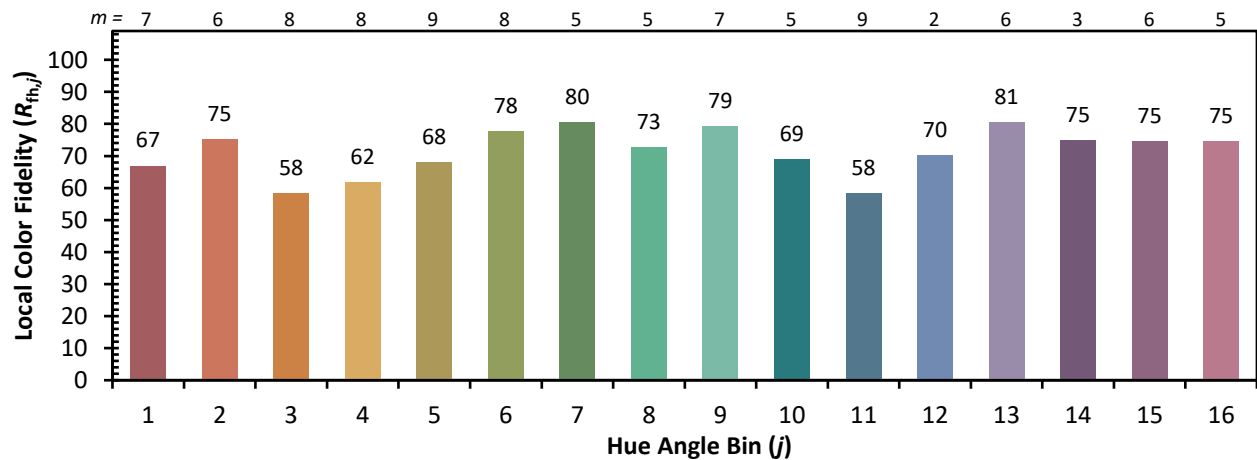
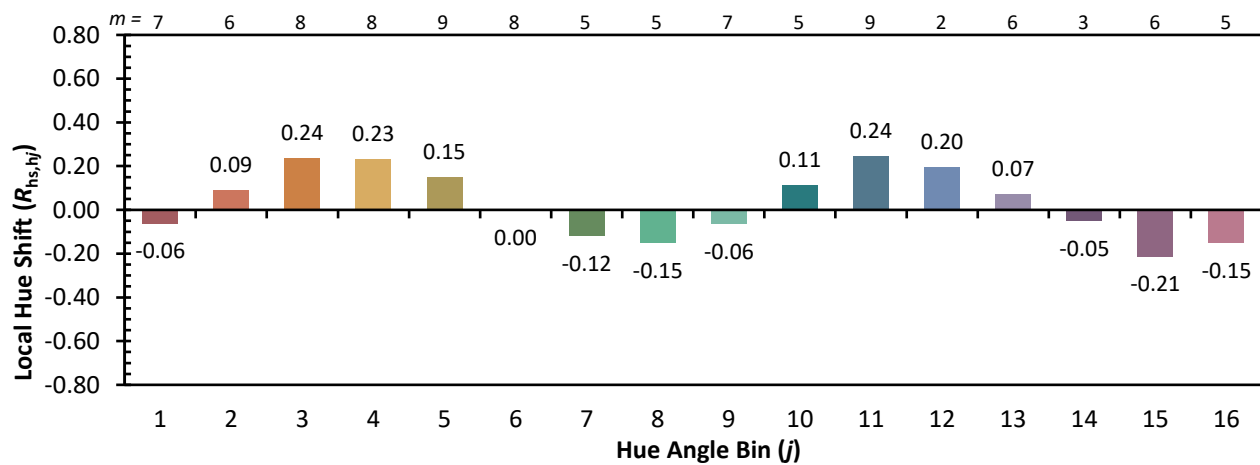
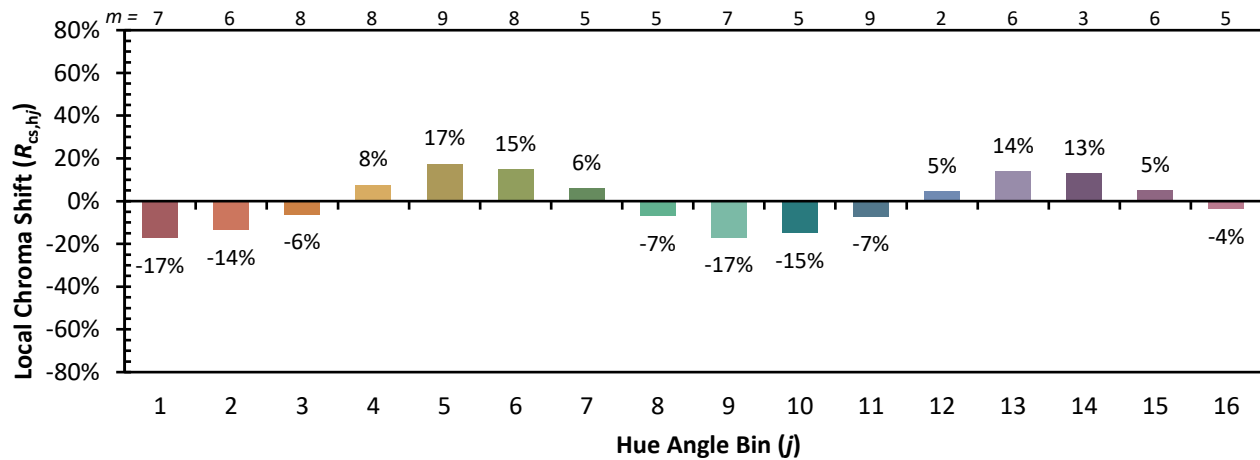


Individual Sample Fidelity Index ($R_{f,i}$)

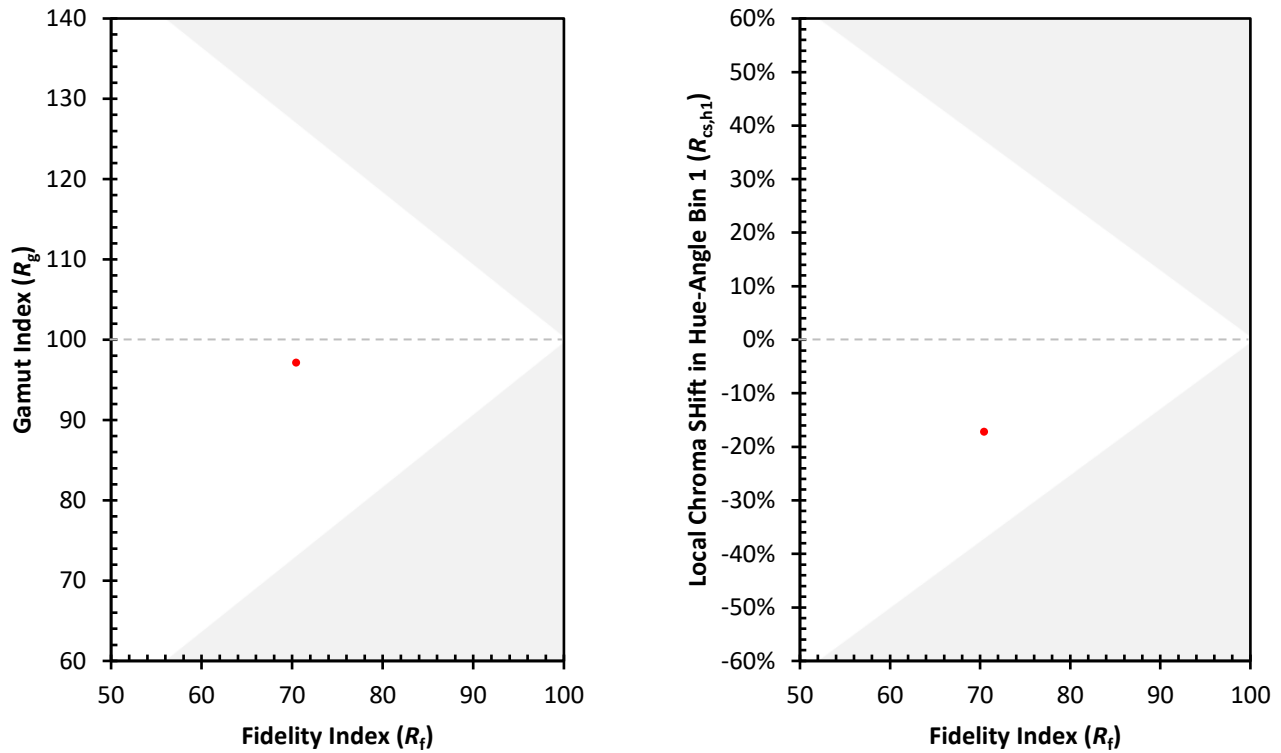
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 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)