

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: McGRAW-EDISON

Report Number: P1047855

Luminaire Tested: **GALN-SA4C-760-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047855
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-760-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22533 lumens
Efficiency: N/A
Efficacy: 118.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

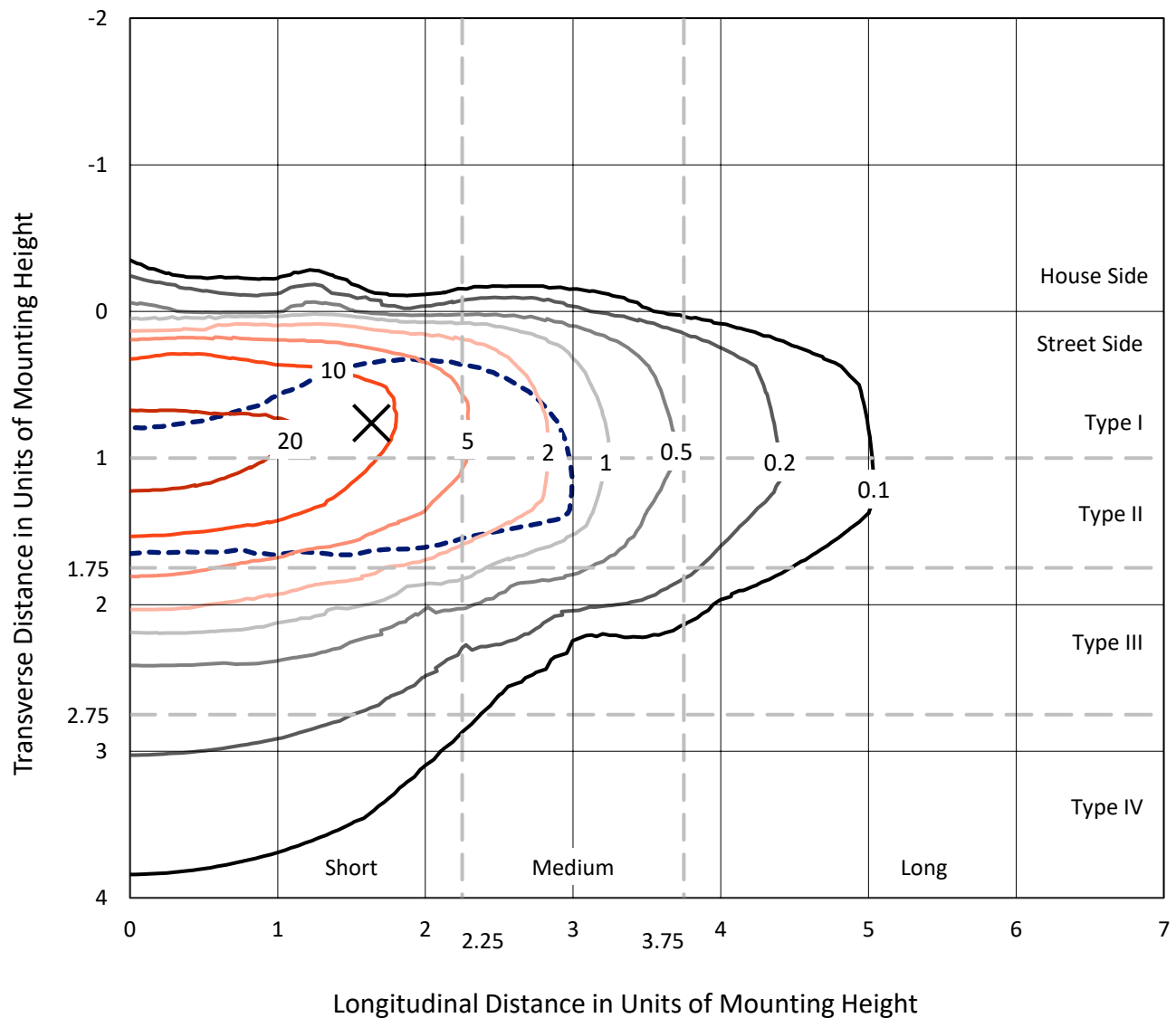


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

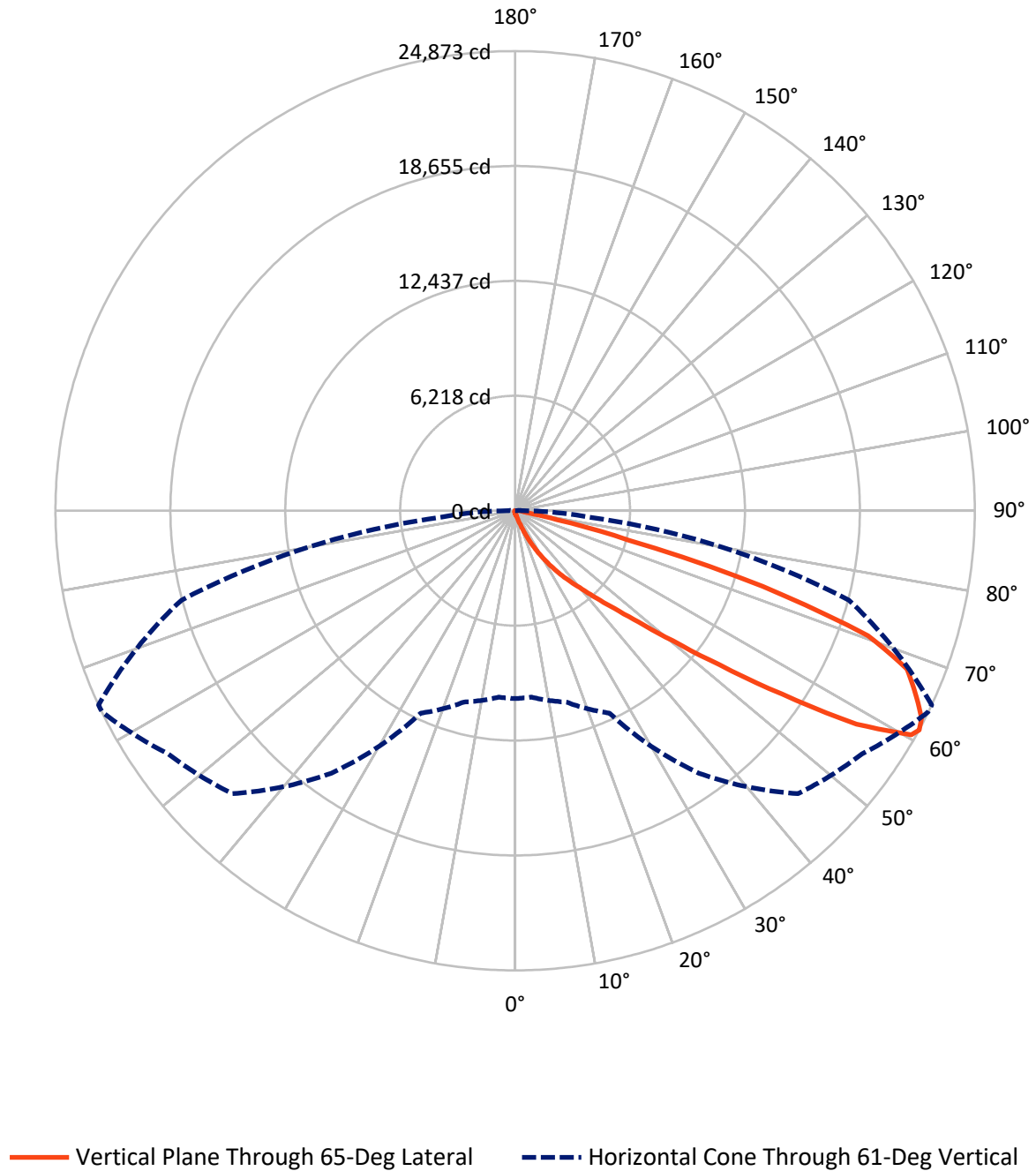


Based on 15 foot mounting height. Maximum calculated value = 29.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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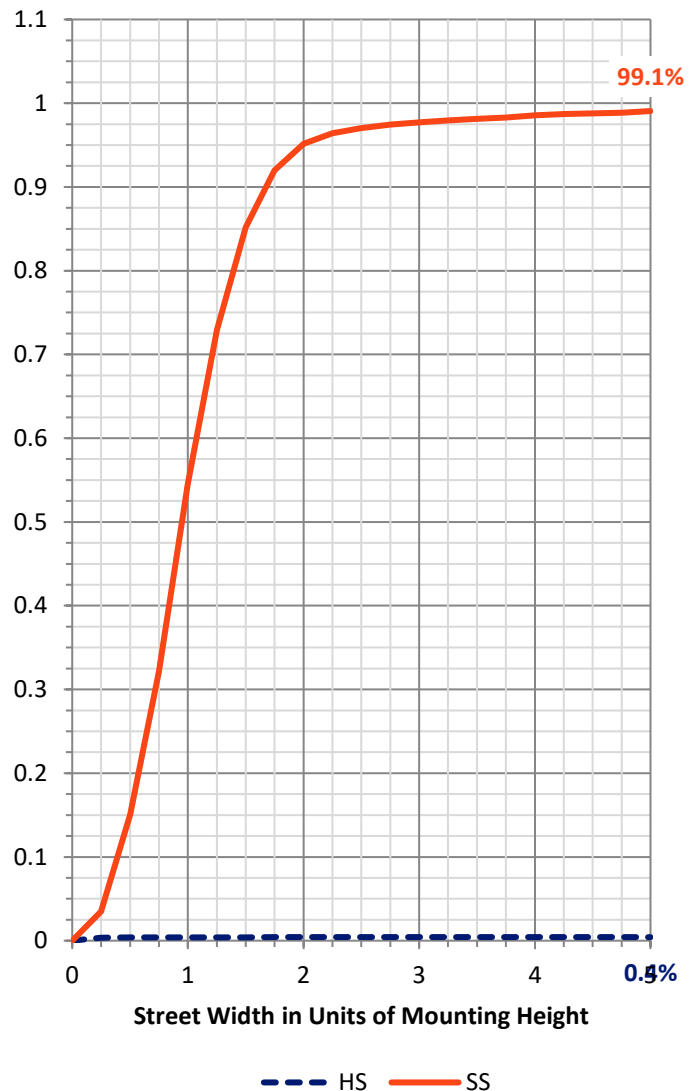
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	96.2	0.0	96.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22436.8	0.0	22436.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	22533.0	0.0	22533.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.5	0.1
10°-20°	185.3	0.8
20°-30°	665.0	3.0
30°-40°	1770.4	7.9
40°-50°	4650.9	20.6
50°-60°	7205.2	32.0
60°-70°	6041.4	26.8
70°-80°	1777.9	7.9
80°-90°	219.3	1.0
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°	22533.0	100.0
0°-180°	22533.0	100.0



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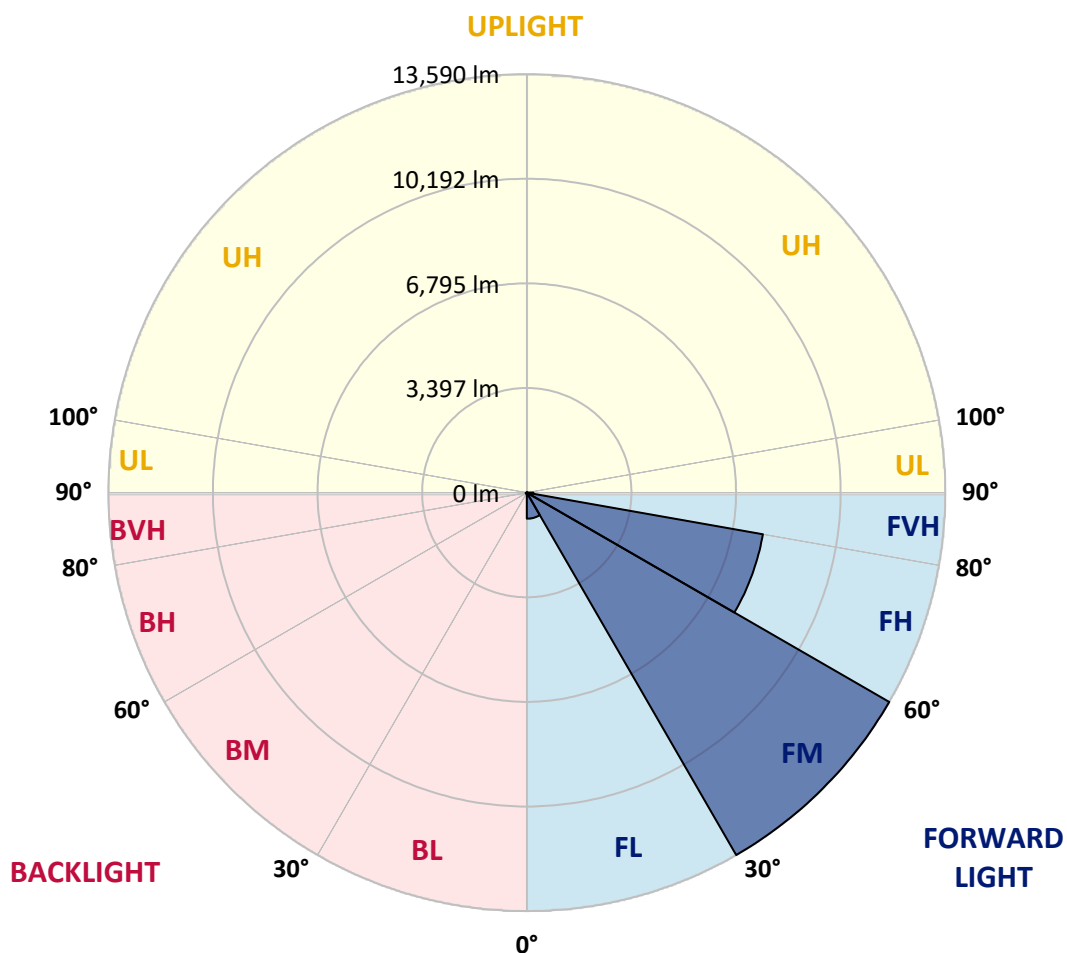
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	846.2	3.8			
FM	(30°-60°)	13589.9	60.3			
FH	(60°-80°)	7785.4	34.6			G4/12000
FVH	(80°-90°)	215.3	1.0			G2/225
BL	(0°-30°)	21.6	0.1	B0/110		
BM	(30°-60°)	36.6	0.2	B0/220		
BH	(60°-80°)	33.9	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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°	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0
2.5°	167.4	169.0	165.9	159.7	155.0	155.0	153.5	148.8	148.8	144.2	141.1
5°	234.1	231.0	224.8	212.4	201.5	190.7	179.8	169.0	167.4	153.5	144.2
7.5°	382.9	386.0	365.8	327.1	294.5	252.7	213.9	190.7	187.6	164.3	145.7
10°	840.1	816.9	770.4	620.0	510.0	384.4	285.2	221.7	218.6	176.7	148.8
12.5°	1531.4	1512.8	1427.6	1272.6	988.9	688.2	417.0	274.4	265.1	187.6	150.4
15°	2207.2	2177.8	2131.3	1974.7	1643.0	1233.8	682.0	375.1	350.3	203.1	148.8
17.5°	2638.1	2642.8	2600.9	2534.3	2320.4	1825.9	1178.0	559.6	511.5	231.0	145.7
20°	3014.8	3003.9	3027.2	2991.5	2841.2	2481.6	1714.3	886.6	804.5	275.9	147.3
22.5°	3448.8	3475.2	3492.2	3484.5	3318.6	3011.7	2323.5	1326.8	1223.0	358.1	151.9
25°	4030.1	4027.0	4028.5	4008.4	3847.2	3506.2	2934.2	1874.0	1768.6	491.4	162.8
27.5°	4639.2	4657.8	4665.6	4592.7	4381.9	4047.1	3500.0	2472.3	2348.3	705.3	176.7
30°	5471.6	5456.1	5420.4	5271.6	5015.9	4600.5	4058.0	3100.1	2969.8	1004.4	198.4
32.5°	6593.8	6576.8	6397.0	6068.3	5685.5	5177.1	4619.1	3729.4	3571.3	1378.0	227.9
35°	8443.0	8469.3	8027.6	7176.6	6490.0	5869.9	5240.6	4355.6	4216.1	1838.3	268.2
37.5°	11274.9	11130.7	10530.9	9027.3	7548.6	6734.9	5834.3	4988.0	4867.1	2405.6	320.9
40°	14026.2	13883.6	13710.0	12285.5	9388.5	7688.1	6665.1	5730.4	5573.9	3045.8	398.4
42.5°	16918.5	16839.5	16831.7	15757.6	12745.9	9187.0	7664.9	6600.0	6466.7	3748.0	525.5
45°	18967.7	18888.6	19054.5	19242.0	17318.4	12398.7	9405.6	7730.0	7536.2	4600.5	728.5
47.5°	19243.6	19246.7	19690.0	20277.4	20716.1	17366.5	11724.4	9227.3	8991.7	5820.3	1069.5
50°	18325.9	18361.6	19066.9	20117.8	21298.9	21534.5	15813.4	11400.4	11051.7	7266.5	1553.1
52.5°	16579.1	16619.4	17602.1	19330.4	20762.6	22535.8	20627.7	14243.2	13841.7	9070.7	2235.1
55°	15005.8	15030.6	16157.5	18341.4	20116.2	21991.8	23486.0	18039.2	17512.2	11290.4	2907.8
57.5°	13448.0	13390.7	14123.8	16624.0	20006.2	21323.7	23907.6	22365.3	21784.1	13716.2	3431.8
60°	11364.8	11268.7	11857.7	13448.0	18558.5	21762.4	23118.6	24758.6	24626.8	17093.7	3836.3
61°	10166.6	10126.3	10718.4	12082.4	17340.1	21650.8	22929.5	24859.3	24873.3	18691.8	4017.7
62.5°	7260.3	7375.0	8280.2	10053.5	14523.7	20926.9	22954.3	24547.7	24685.7	20815.3	4487.3
65°	3227.2	3411.6	4115.3	5558.4	8446.1	17408.3	22734.2	23864.2	23796.0	21398.1	6105.5
67.5°	1914.3	1942.2	2292.5	3149.7	4473.4	9363.7	20062.0	22960.5	22869.1	18628.2	7596.7
70°	1508.2	1522.1	1633.7	1976.3	2596.3	3586.8	11450.0	19865.1	20263.5	15105.0	7437.0
72.5°	1430.7	1427.6	1443.1	1503.5	1635.3	1779.4	4433.1	13204.7	14015.3	10878.1	6235.8
75°	1412.1	1405.9	1390.4	1367.1	1184.2	1047.8	1373.3	5840.5	6310.2	7432.4	4695.0
77.5°	1370.2	1371.8	1374.9	1311.3	1015.3	740.9	665.0	1874.0	2304.9	4716.7	3337.2
80°	926.9	940.9	964.1	939.3	913.0	536.3	469.7	666.5	675.8	2647.4	2204.1
82.5°	469.7	469.7	458.8	409.2	353.4	348.8	373.6	483.6	489.8	1339.2	1037.0
85°	283.7	299.2	305.4	277.5	254.2	234.1	285.2	384.4	398.4	519.3	241.8
87.5°	63.6	65.1	71.3	94.6	138.0	187.6	265.1	351.9	358.1	333.3	29.5
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°	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0	138.0
2.5°	139.5	136.4	134.9	130.2	125.6	120.9	117.8	116.3	117.8	119.4	119.4
5°	138.0	133.3	125.6	117.8	111.6	105.4	99.2	97.7	97.7	99.2	99.2
7.5°	138.0	130.2	119.4	110.1	100.8	91.5	86.8	83.7	85.3	85.3	85.3
10°	138.0	128.7	114.7	100.8	89.9	79.1	71.3	68.2	68.2	68.2	68.2
12.5°	136.4	127.1	110.1	93.0	77.5	65.1	55.8	51.2	52.7	52.7	52.7
15°	133.3	122.5	103.9	79.1	62.0	49.6	40.3	35.7	37.2	40.3	41.9
17.5°	128.7	117.8	93.0	66.7	49.6	37.2	27.9	24.8	26.4	31.0	31.0
20°	127.1	113.2	82.2	54.3	37.2	26.4	18.6	15.5	17.1	23.3	24.8
22.5°	127.1	110.1	74.4	45.0	27.9	17.1	10.9	6.2	6.2	10.9	10.9
25°	128.7	108.5	68.2	37.2	20.2	12.4	6.2	3.1	6.2	17.1	20.2
27.5°	131.8	107.0	65.1	31.0	15.5	10.9	4.7	10.9	18.6	18.6	18.6
30°	134.9	103.9	60.5	26.4	14.0	7.8	7.8	15.5	15.5	18.6	20.2
32.5°	139.5	102.3	57.4	23.3	10.9	6.2	10.9	9.3	9.3	10.9	12.4
35°	148.8	103.9	54.3	23.3	10.9	7.8	9.3	4.7	3.1	3.1	3.1
37.5°	161.2	105.4	49.6	20.2	9.3	9.3	4.7	0.0	0.0	0.0	0.0
40°	181.4	110.1	46.5	18.6	7.8	7.8	1.6	0.0	0.0	0.0	0.0
42.5°	215.5	119.4	45.0	17.1	7.8	6.2	0.0	0.0	0.0	0.0	0.0
45°	283.7	141.1	41.9	15.5	7.8	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	407.7	192.2	40.3	12.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	595.2	260.4	38.8	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	759.5	274.4	26.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	778.1	189.1	20.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	620.0	122.5	17.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	469.7	93.0	15.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	451.1	83.7	15.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	497.6	72.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	809.1	60.5	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1405.9	52.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1776.3	49.6	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1548.5	45.0	9.3	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	931.6	38.8	9.3	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	488.3	29.5	9.3	7.8	4.7	1.6	0.0	0.0	0.0	0.0	0.0
80°	237.2	26.4	10.9	7.8	6.2	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	93.0	21.7	12.4	10.9	7.8	4.7	1.6	0.0	0.0	0.0	0.0
85°	41.9	18.6	14.0	12.4	10.9	6.2	1.6	0.0	0.0	0.0	0.0
87.5°	21.7	17.1	15.5	14.0	10.9	7.8	3.1	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

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

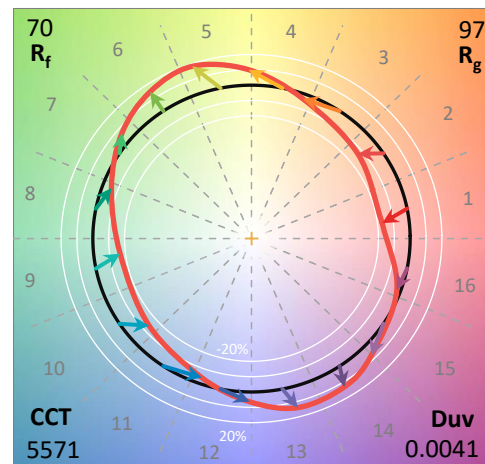
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

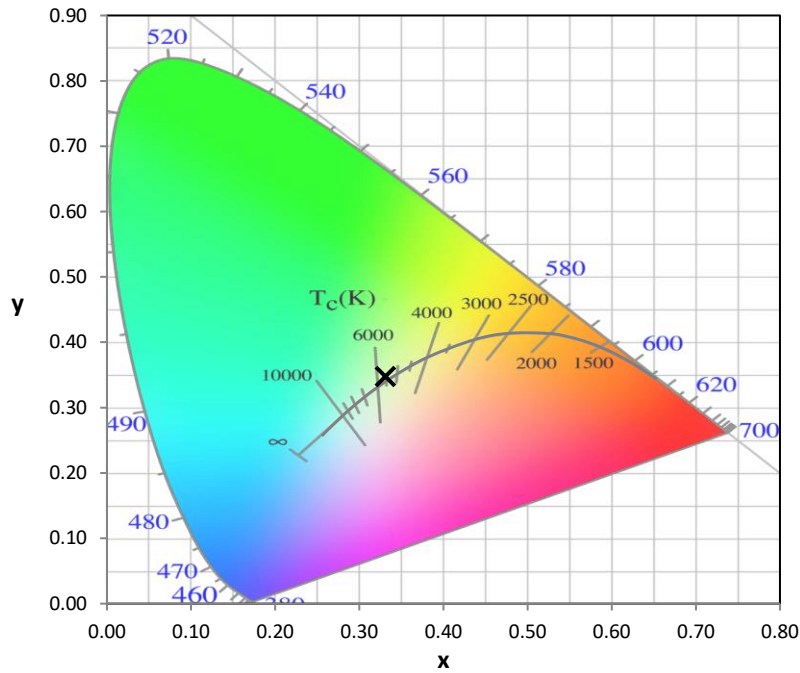
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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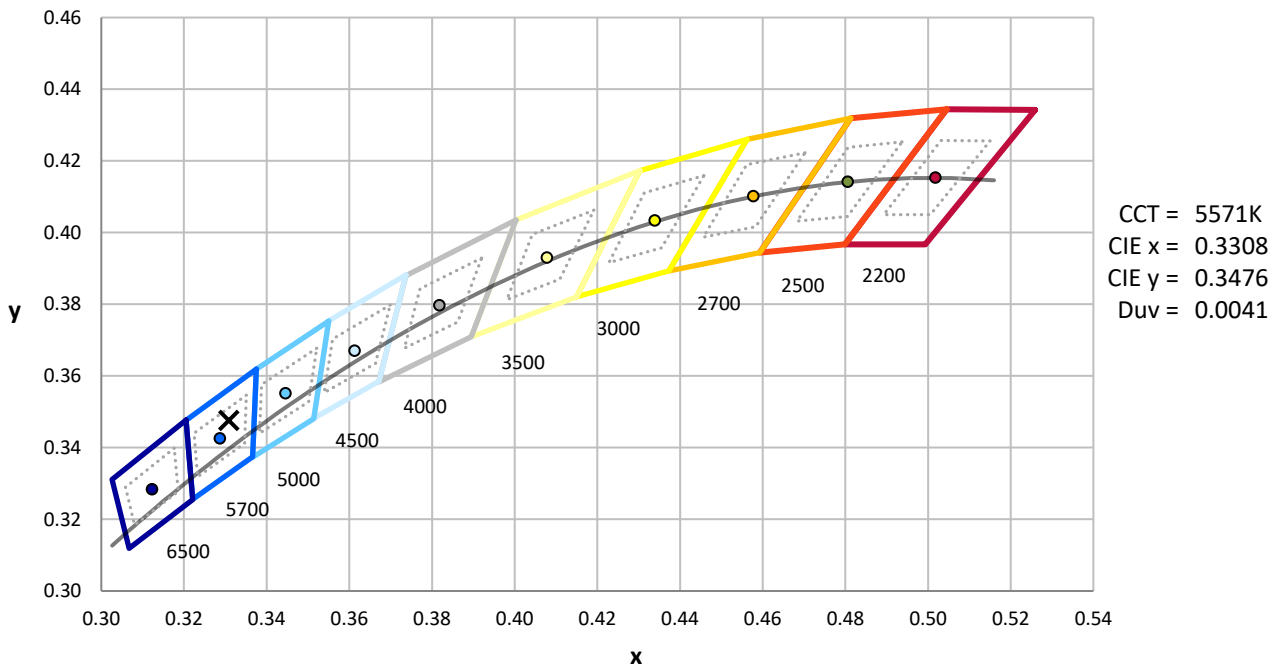
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



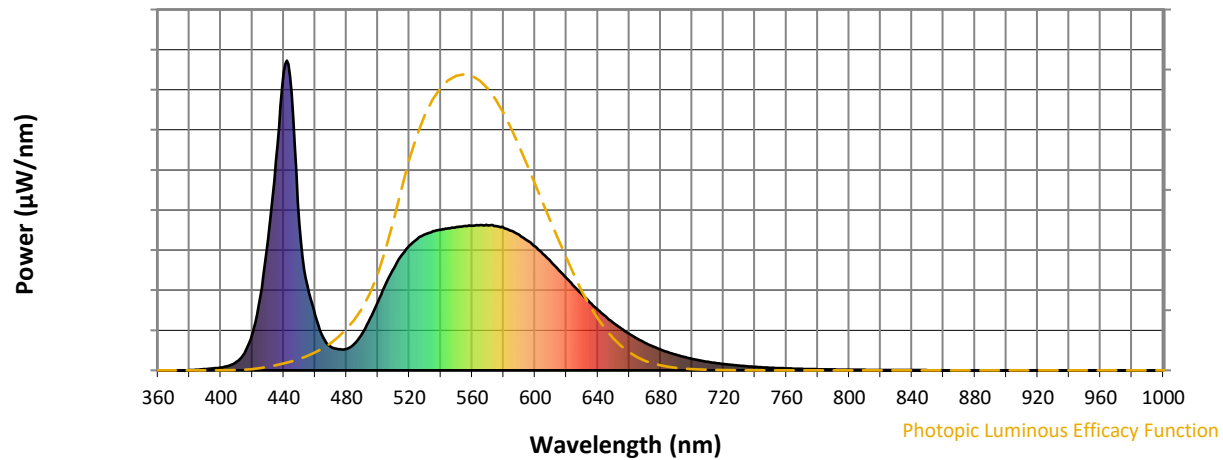
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

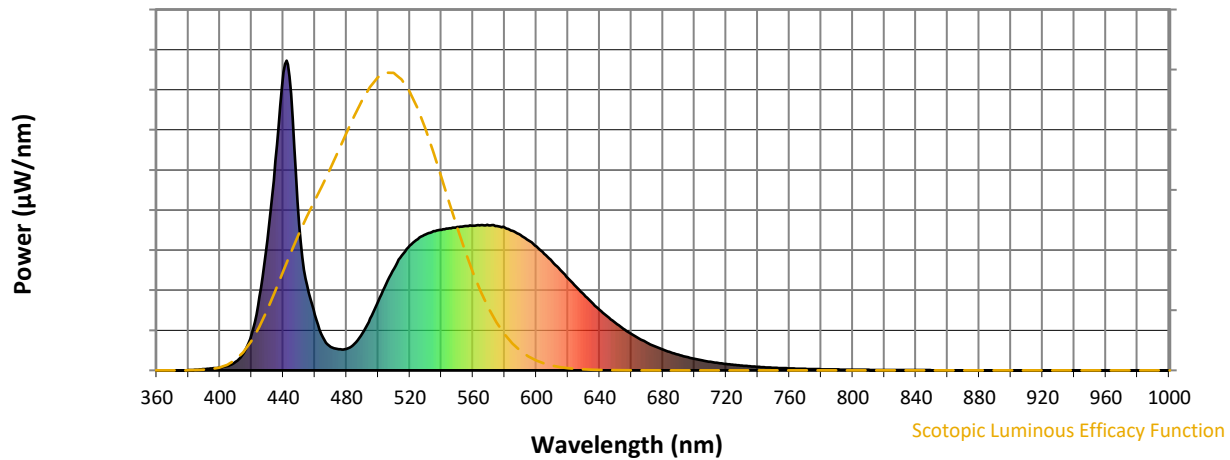


Photopic Lumens: NR

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



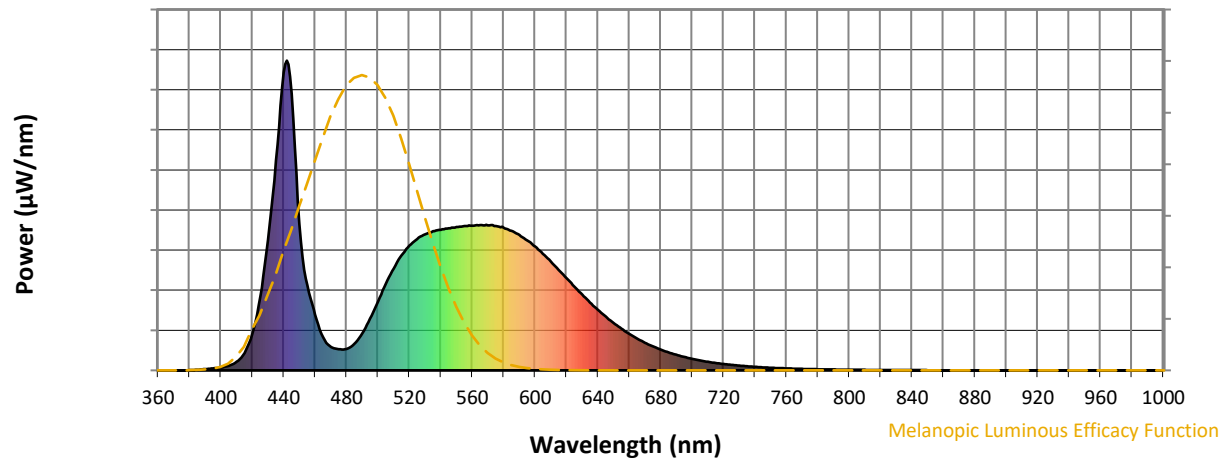
Scotopic Lumens: NR

S/P: 1.84

λ (nm)	Power W [^] /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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.71

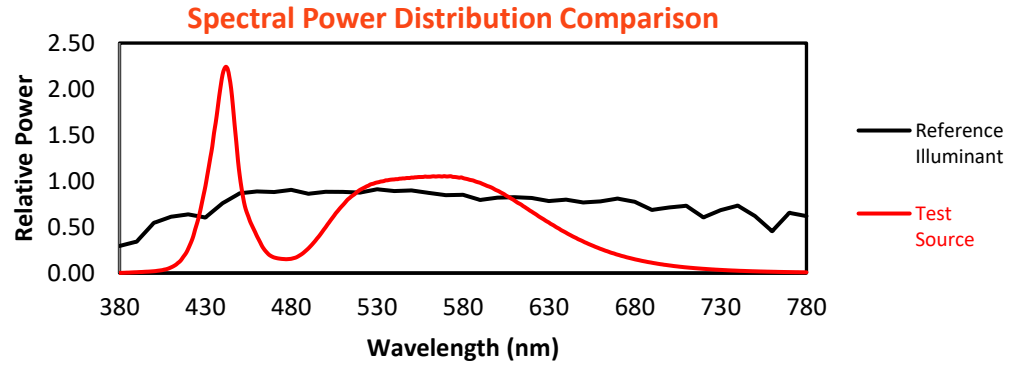
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	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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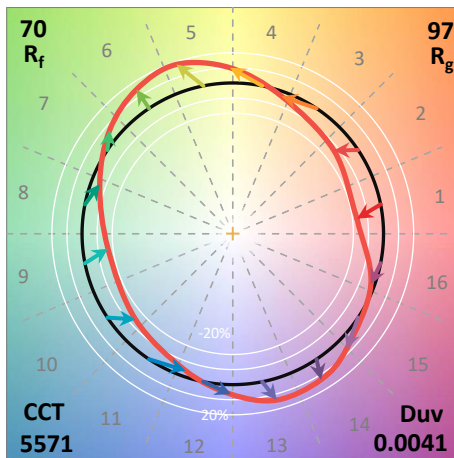
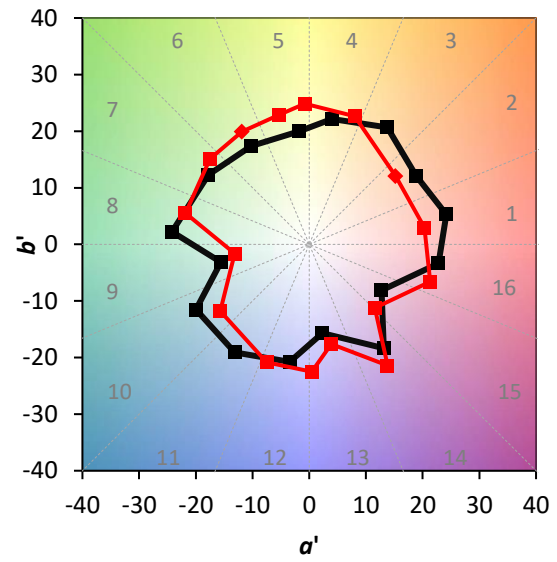
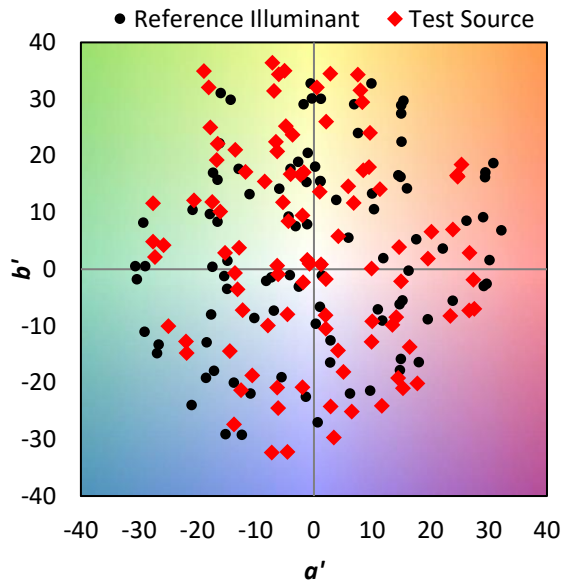
TM-30-18

Summary

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

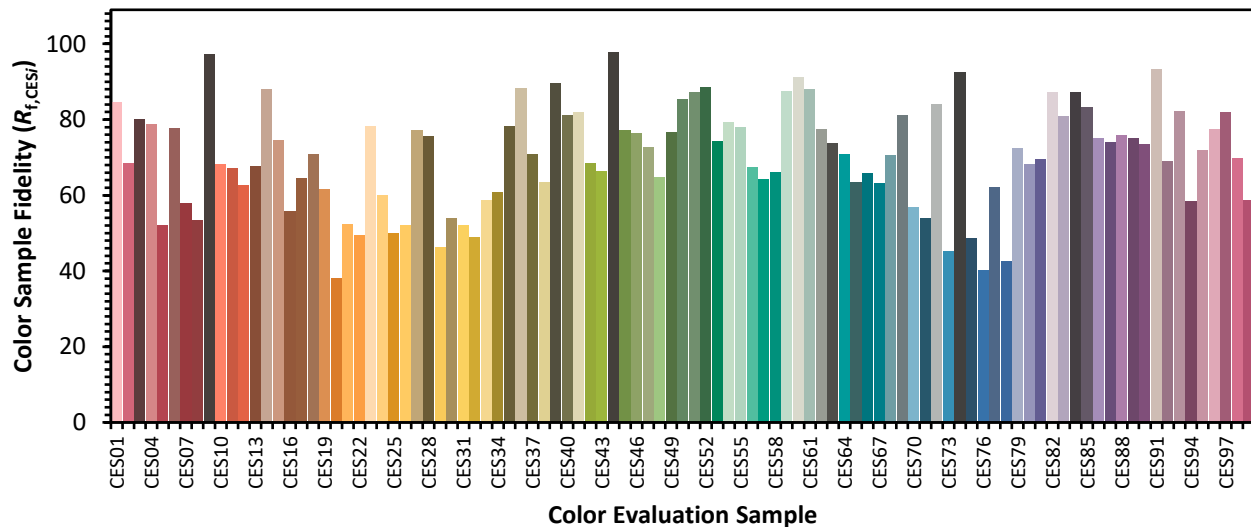


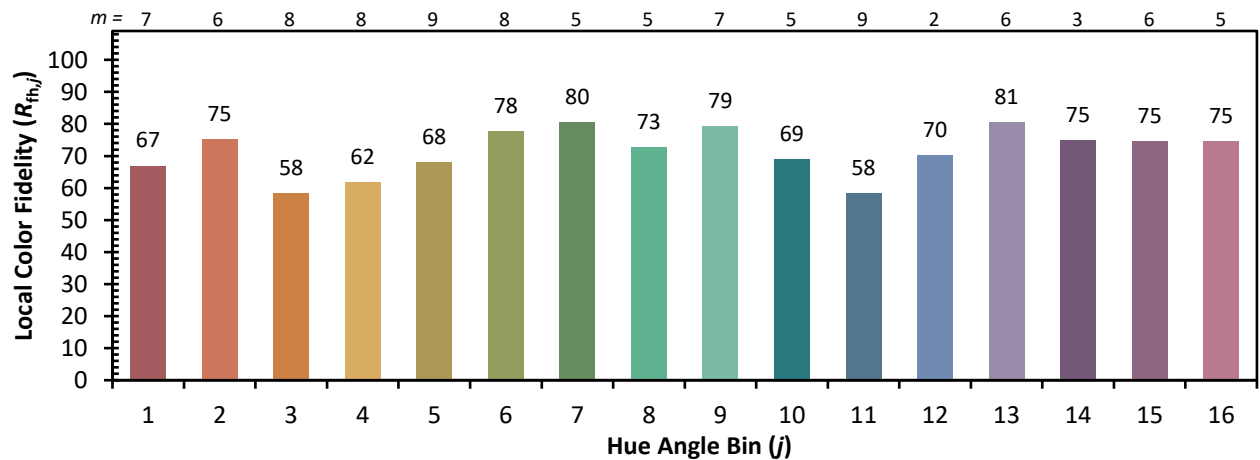
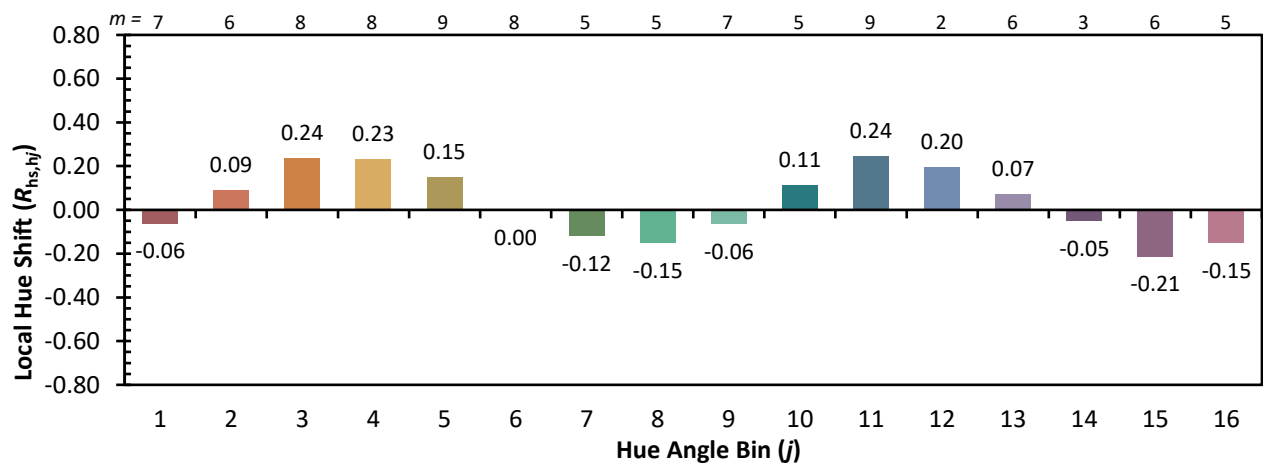
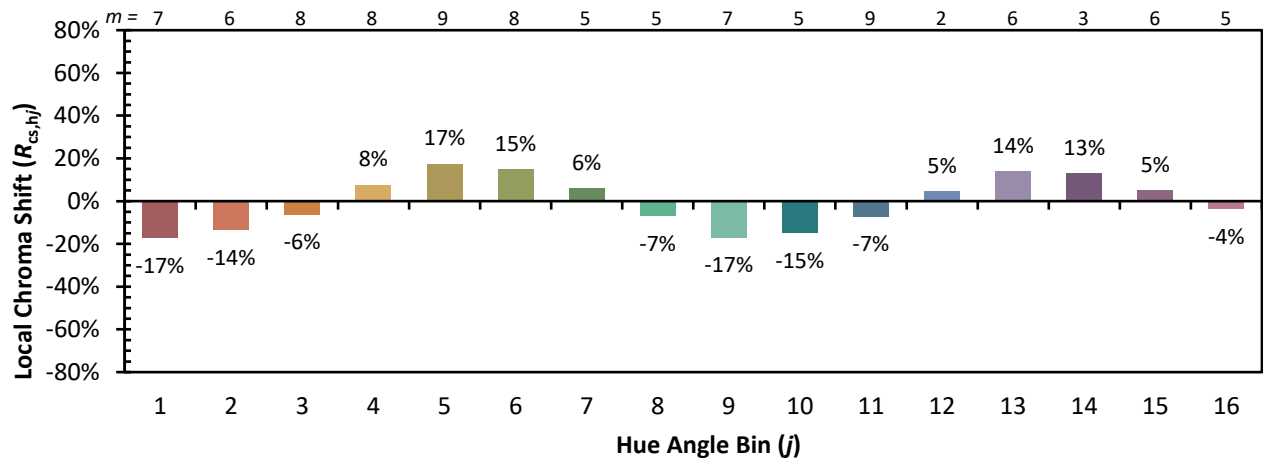
Color Vector Graphics

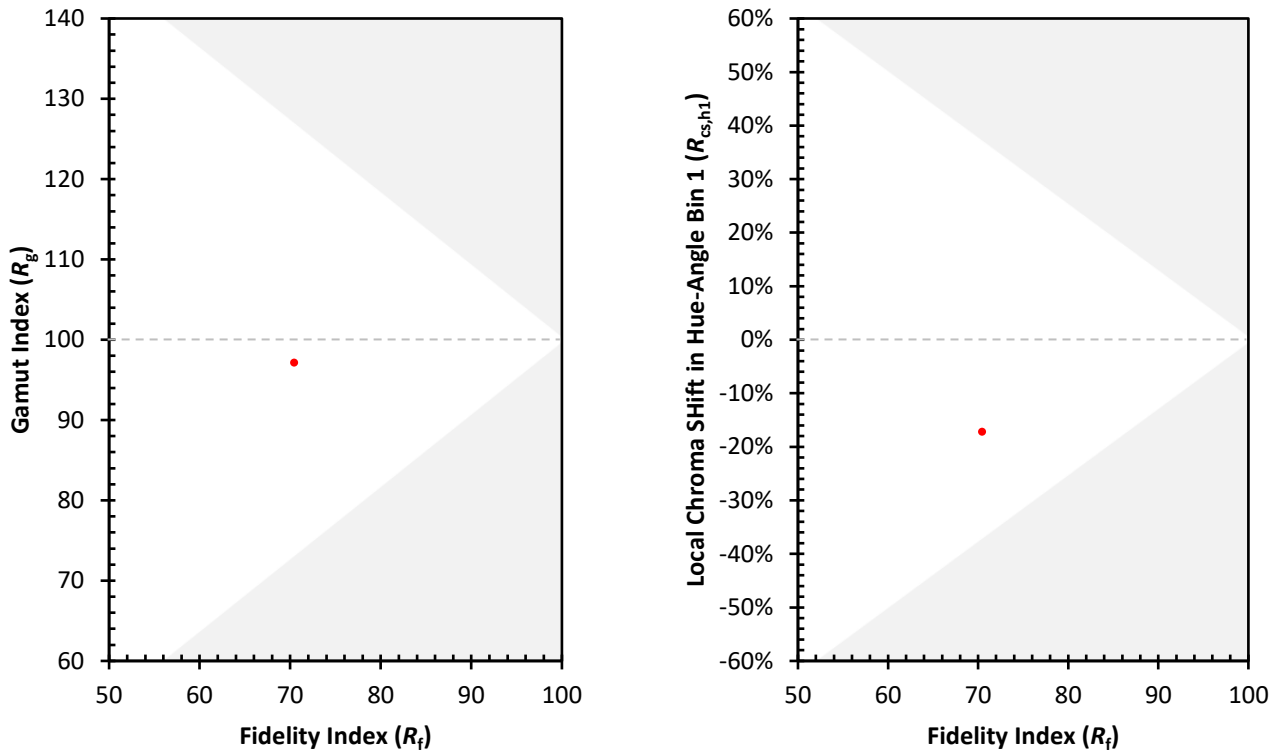


Individual Sample Fidelity Index ($R_{f,i}$)

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)