

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: P1047862

Luminaire Tested: **GALN-SA6B-760-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047862
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-760-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26746.4 lumens
Efficiency: N/A
Efficacy: 125.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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



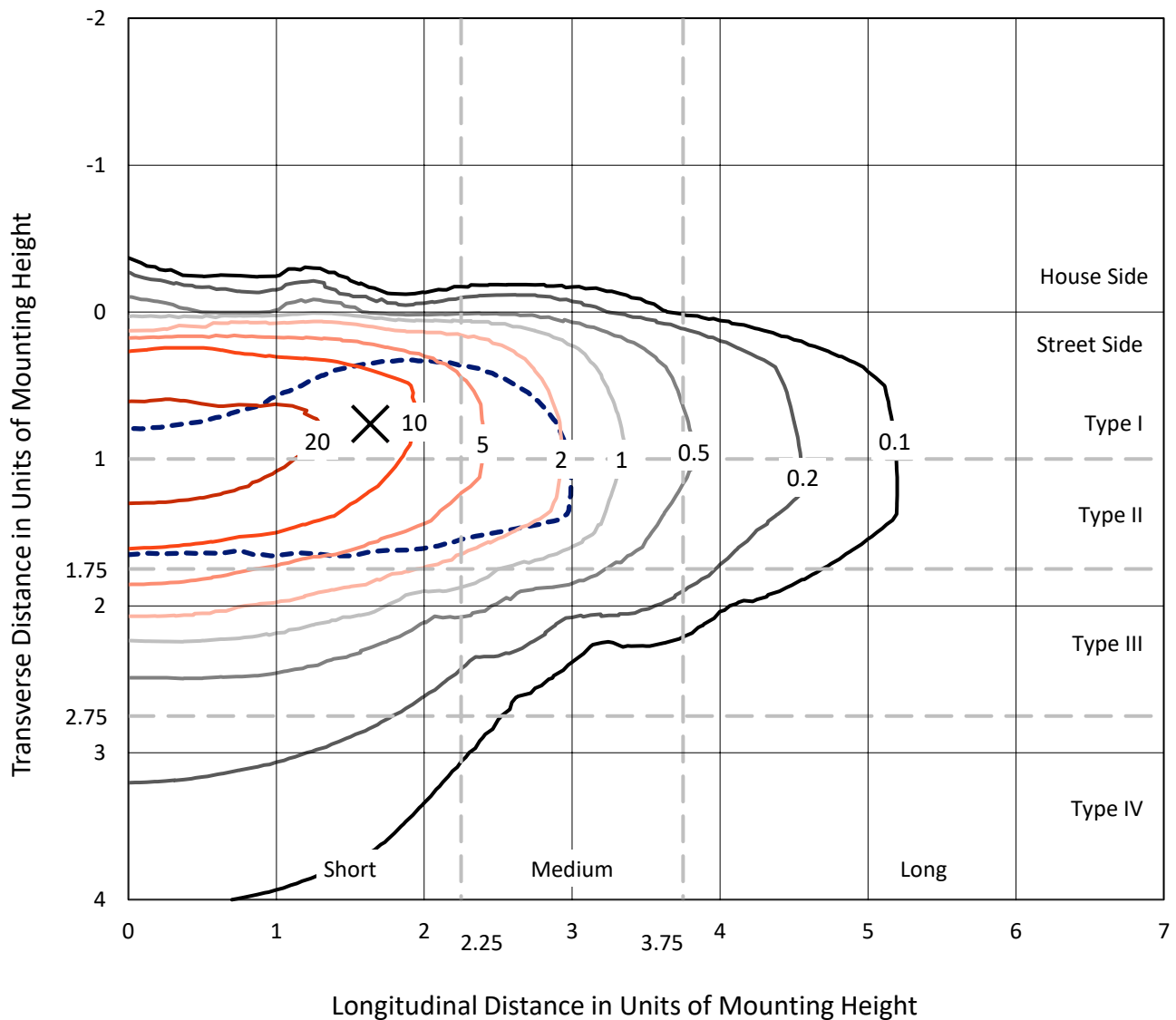
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CATALOG NUMBER: GALN-SA6B-760-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

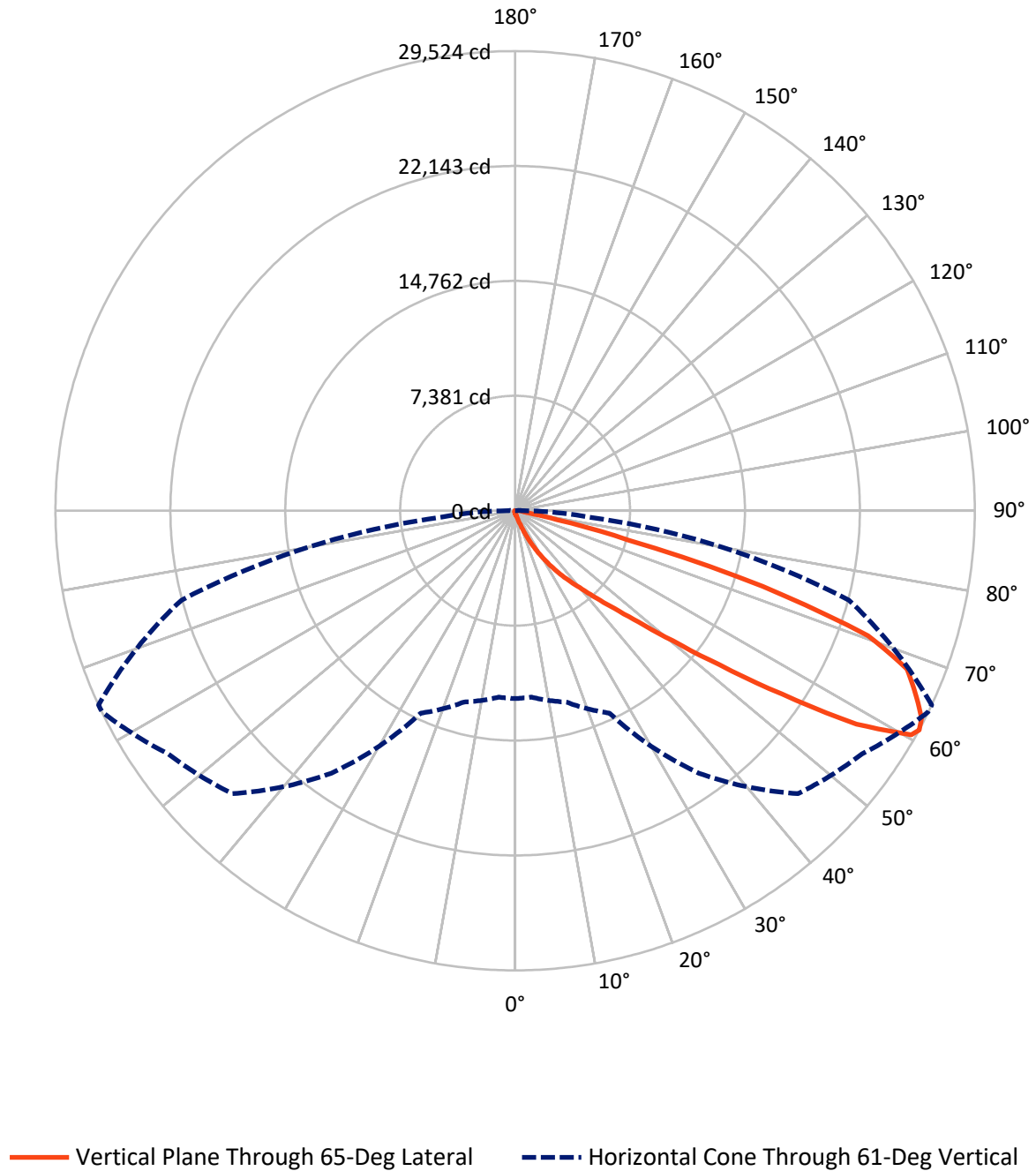


Based on 15 foot mounting height. Maximum calculated value = 35.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	114.2	0.0	114.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	26632.2	0.0	26632.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	26746.4	0.0	26746.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	0.1
10°-20°	219.9	0.8
20°-30°	789.3	3.0
30°-40°	2101.5	7.9
40°-50°	5520.6	20.6
50°-60°	8552.5	32.0
60°-70°	7171.1	26.8
70°-80°	2110.3	7.9
80°-90°	260.3	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°	26746.4	100.0
0°-180°	26746.4	100.0



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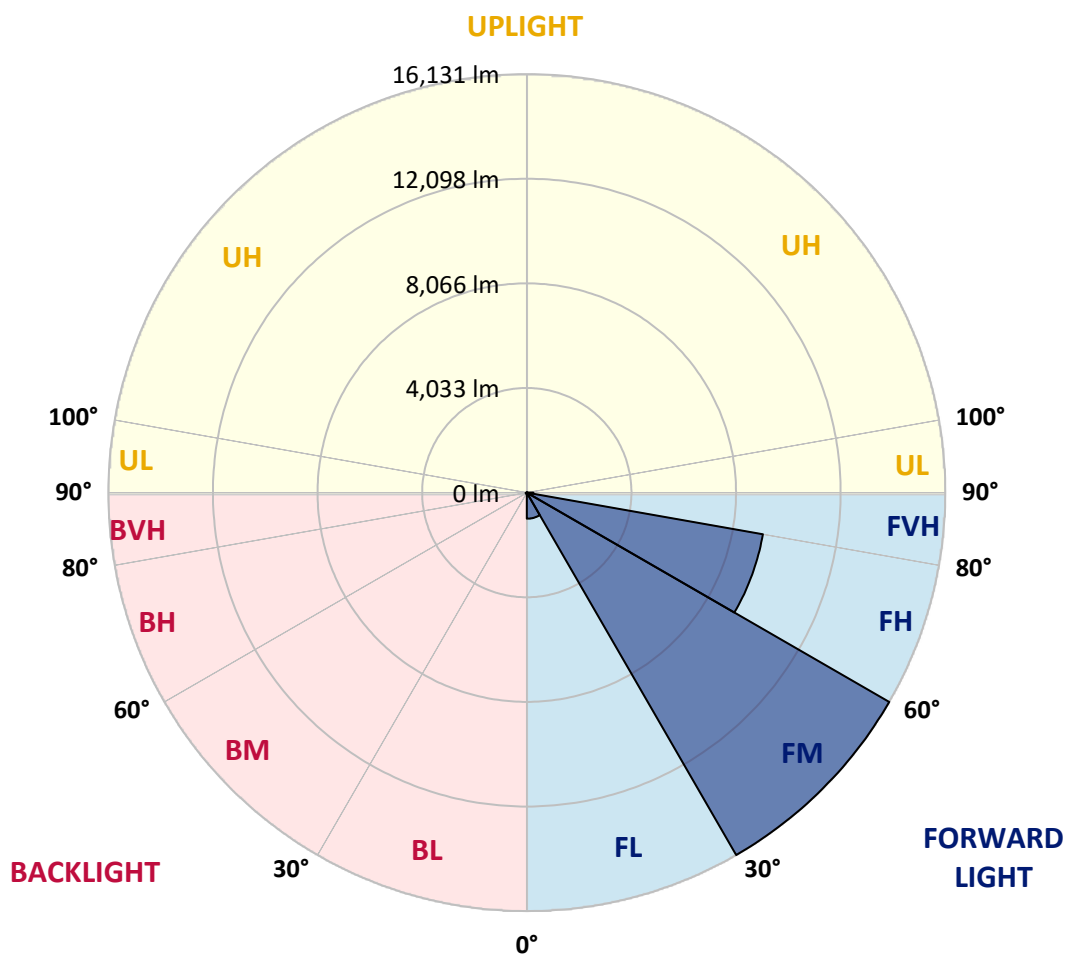
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1004.5	3.8			
FM	(30°-60°)	16131.1	60.3			
FH	(60°-80°)	9241.2	34.6			G4/12000
FVH	(80°-90°)	255.5	1.0			G3/500
BL	(0°-30°)	25.6	0.1	B0/110		
BM	(30°-60°)	43.5	0.2	B0/220		
BH	(60°-80°)	40.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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°	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7
2.5°	198.7	200.5	196.9	189.5	184.0	184.0	182.1	176.6	176.6	171.1	167.4
5°	277.8	274.1	266.8	252.1	239.2	226.3	213.4	200.5	198.7	182.1	171.1
7.5°	454.4	458.1	434.2	388.2	349.6	299.9	253.9	226.3	222.6	195.0	172.9
10°	997.2	969.6	914.4	735.9	605.3	456.3	338.5	263.1	259.4	209.7	176.6
12.5°	1817.8	1795.7	1694.5	1510.5	1173.8	816.9	494.9	325.7	314.6	222.6	178.5
15°	2620.0	2585.0	2529.8	2344.0	1950.3	1464.5	809.5	445.2	415.8	241.0	176.6
17.5°	3131.5	3137.0	3087.3	3008.2	2754.3	2167.4	1398.3	664.2	607.2	274.1	172.9
20°	3578.5	3565.7	3593.3	3550.9	3372.5	2945.6	2034.9	1052.4	954.9	327.5	174.8
22.5°	4093.7	4125.0	4145.2	4136.0	3939.2	3574.9	2758.0	1574.9	1451.7	425.0	180.3
25°	4783.7	4780.0	4781.8	4757.9	4566.5	4161.8	3482.9	2224.4	2099.3	583.2	193.2
27.5°	5506.7	5528.8	5538.0	5451.5	5201.3	4803.9	4154.4	2934.6	2787.4	837.1	209.7
30°	6494.7	6476.3	6434.0	6257.4	5953.8	5460.7	4816.8	3679.7	3525.2	1192.2	235.5
32.5°	7826.8	7806.6	7593.1	7203.1	6748.6	6145.2	5482.8	4426.7	4239.1	1635.6	270.5
35°	10021.7	10053.0	9528.7	8518.6	7703.5	6967.6	6220.6	5170.0	5004.4	2182.1	318.3
37.5°	13383.2	13212.1	12500.0	10715.4	8960.1	7994.2	6925.3	5920.7	5777.2	2855.5	380.9
40°	16648.9	16479.7	16273.6	14582.8	11144.1	9125.7	7911.4	6802.0	6616.2	3615.3	472.8
42.5°	20082.1	19988.3	19979.1	18704.1	15129.2	10904.9	9098.1	7834.1	7675.9	4448.8	623.7
45°	22514.4	22420.6	22617.5	22840.1	20556.8	14717.1	11164.3	9175.4	8945.4	5460.7	864.7
47.5°	22841.9	22845.6	23371.8	24069.1	24589.8	20613.9	13916.7	10952.7	10673.1	6908.7	1269.5
50°	21752.7	21795.0	22632.2	23879.6	25281.6	25561.3	18770.3	13532.2	13118.2	8625.3	1843.5
52.5°	19679.2	19727.0	20893.5	22945.0	24645.0	26749.8	24484.9	16906.5	16430.0	10766.9	2653.1
55°	17811.7	17841.2	19178.8	21771.1	23877.8	26104.0	27877.6	21412.4	20786.8	13401.6	3451.6
57.5°	15962.7	15894.6	16764.9	19732.6	23747.1	25311.0	28378.1	26547.4	25857.5	16281.0	4073.5
60°	13489.9	13375.8	14075.0	15962.7	22028.7	25831.7	27441.6	29388.2	29231.8	20290.0	4553.7
61°	12067.7	12019.8	12722.7	14341.8	20582.6	25699.2	27217.1	29507.8	29524.3	22186.9	4768.9
62.5°	8617.9	8754.1	9828.6	11933.4	17239.5	24840.0	27246.6	29138.0	29301.7	24707.6	5326.4
65°	3830.6	4049.5	4884.8	6597.8	10025.4	20663.5	26985.3	28326.6	28245.6	25399.3	7247.2
67.5°	2272.2	2305.4	2721.2	3738.6	5309.9	11114.6	23813.4	27253.9	27145.4	22111.5	9017.2
70°	1790.2	1806.7	1939.2	2345.8	3081.8	4257.4	13591.1	23579.7	24052.6	17929.5	8827.7
72.5°	1698.2	1694.5	1712.9	1784.7	1941.1	2112.2	5262.0	15673.8	16636.1	12912.2	7401.8
75°	1676.1	1668.8	1650.4	1622.8	1405.7	1243.7	1630.1	6932.6	7490.1	8822.2	5573.0
77.5°	1626.4	1628.3	1632.0	1556.5	1205.1	879.5	789.3	2224.4	2735.9	5598.7	3961.2
80°	1100.2	1116.8	1144.4	1115.0	1083.7	636.6	557.5	791.1	802.2	3142.5	2616.3
82.5°	557.5	557.5	544.6	485.7	419.5	414.0	443.4	574.0	581.4	1589.6	1230.9
85°	336.7	355.1	362.5	329.3	301.7	277.8	338.5	456.3	472.8	616.4	287.0
87.5°	75.4	77.3	84.6	112.2	163.7	222.6	314.6	417.6	425.0	395.6	35.0
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°	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7	163.7
2.5°	165.6	161.9	160.1	154.5	149.0	143.5	139.8	138.0	139.8	141.7	141.7
5°	163.7	158.2	149.0	139.8	132.5	125.1	117.8	115.9	115.9	117.8	117.8
7.5°	163.7	154.5	141.7	130.6	119.6	108.6	103.0	99.4	101.2	101.2	101.2
10°	163.7	152.7	136.2	119.6	106.7	93.8	84.6	81.0	81.0	81.0	81.0
12.5°	161.9	150.9	130.6	110.4	92.0	77.3	66.2	60.7	62.6	62.6	62.6
15°	158.2	145.3	123.3	93.8	73.6	58.9	47.8	42.3	44.2	47.8	49.7
17.5°	152.7	139.8	110.4	79.1	58.9	44.2	33.1	29.4	31.3	36.8	36.8
20°	150.9	134.3	97.5	64.4	44.2	31.3	22.1	18.4	20.2	27.6	29.4
22.5°	150.9	130.6	88.3	53.4	33.1	20.2	12.9	7.4	7.4	12.9	12.9
25°	152.7	128.8	81.0	44.2	23.9	14.7	7.4	3.7	7.4	20.2	23.9
27.5°	156.4	127.0	77.3	36.8	18.4	12.9	5.5	12.9	22.1	22.1	22.1
30°	160.1	123.3	71.8	31.3	16.6	9.2	9.2	18.4	18.4	22.1	23.9
32.5°	165.6	121.4	68.1	27.6	12.9	7.4	12.9	11.0	11.0	12.9	14.7
35°	176.6	123.3	64.4	27.6	12.9	9.2	11.0	5.5	3.7	3.7	3.7
37.5°	191.3	125.1	58.9	23.9	11.0	11.0	5.5	0.0	0.0	0.0	0.0
40°	215.3	130.6	55.2	22.1	9.2	9.2	1.8	0.0	0.0	0.0	0.0
42.5°	255.7	141.7	53.4	20.2	9.2	7.4	0.0	0.0	0.0	0.0	0.0
45°	336.7	167.4	49.7	18.4	9.2	3.7	0.0	0.0	0.0	0.0	0.0
47.5°	483.9	228.1	47.8	14.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	706.5	309.1	46.0	12.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	901.5	325.7	31.3	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	923.6	224.5	23.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	735.9	145.3	20.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	557.5	110.4	18.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	535.4	99.4	18.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	590.6	86.5	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	960.4	71.8	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1668.8	62.6	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2108.5	58.9	11.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1838.0	53.4	11.0	3.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	1105.8	46.0	11.0	7.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	579.6	35.0	11.0	9.2	5.5	1.8	0.0	0.0	0.0	0.0	0.0
80°	281.5	31.3	12.9	9.2	7.4	3.7	0.0	0.0	0.0	0.0	0.0
82.5°	110.4	25.8	14.7	12.9	9.2	5.5	1.8	0.0	0.0	0.0	0.0
85°	49.7	22.1	16.6	14.7	12.9	7.4	1.8	0.0	0.0	0.0	0.0
87.5°	25.8	20.2	18.4	16.6	12.9	9.2	3.7	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

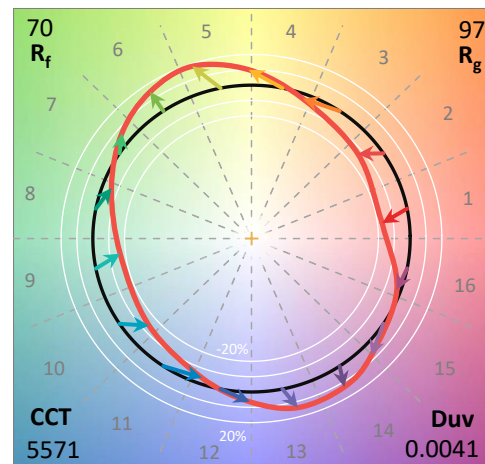
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

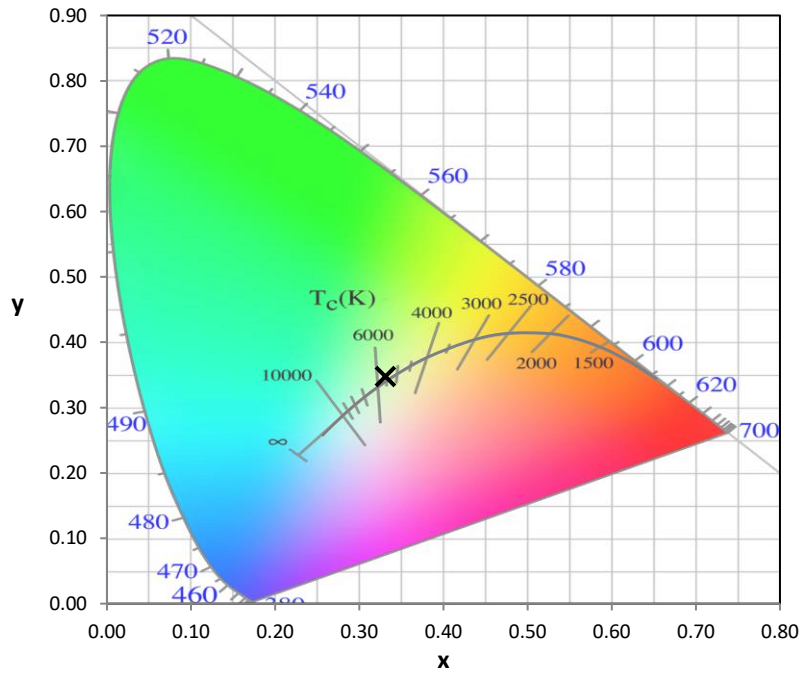
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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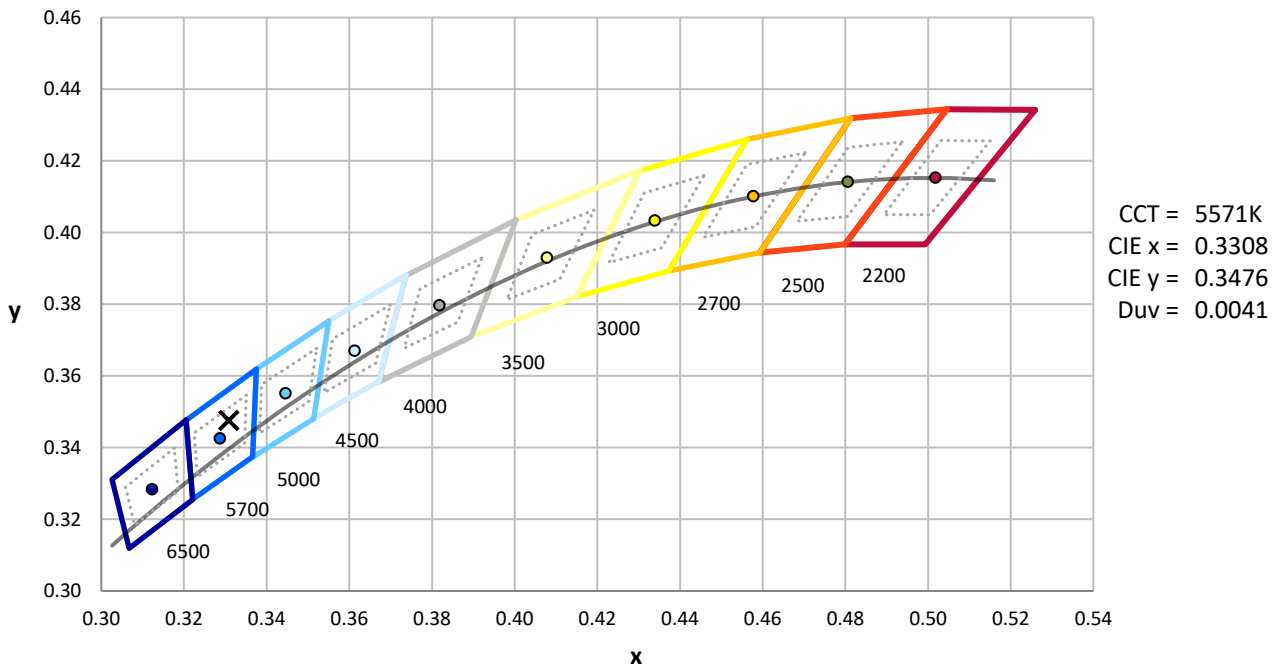
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



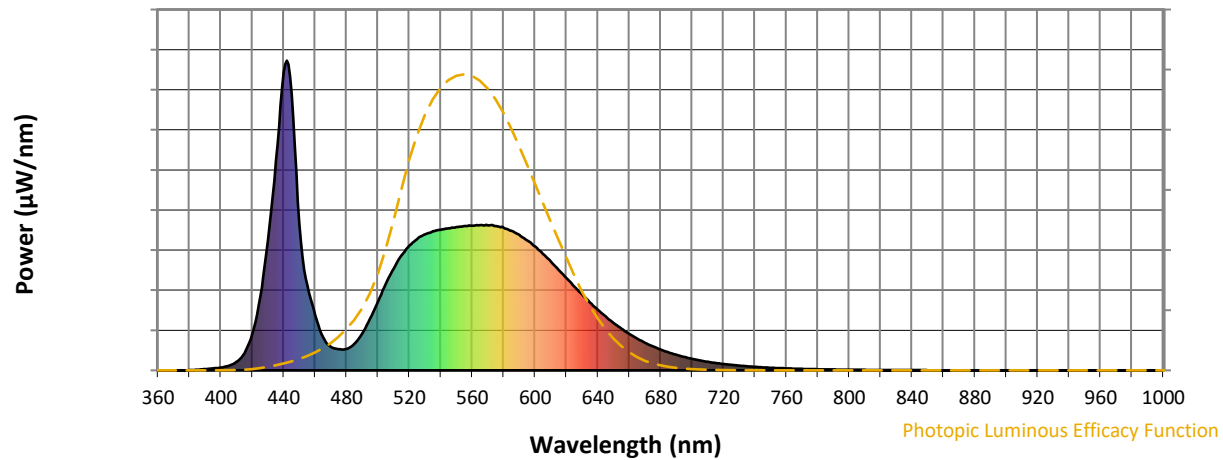
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

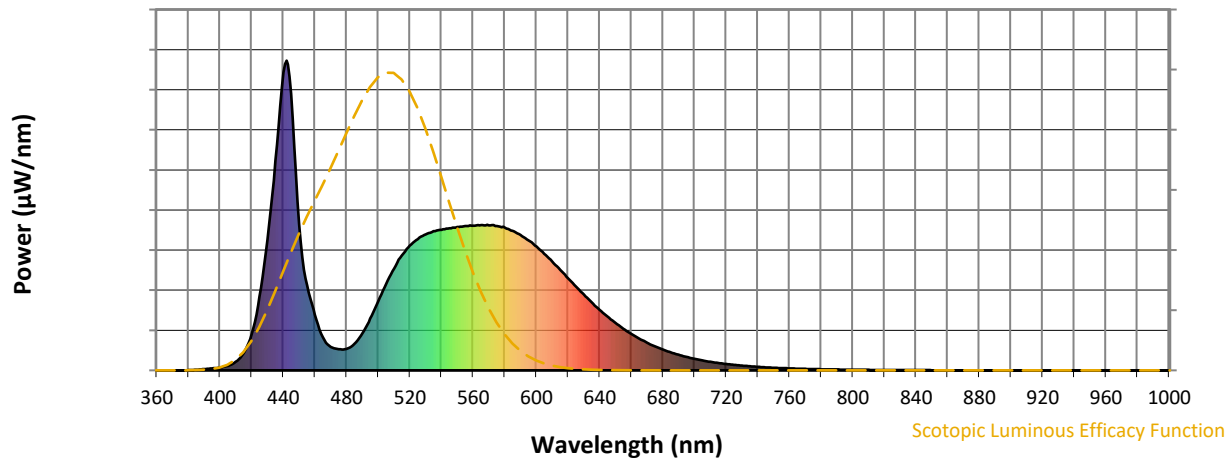


Photopic Lumens: NR

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



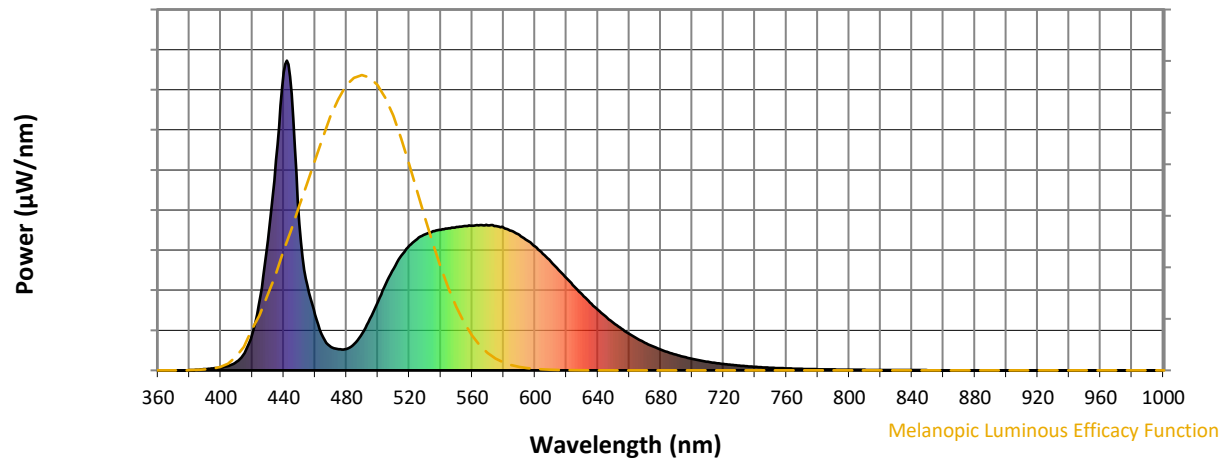
Scotopic Lumens: NR

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

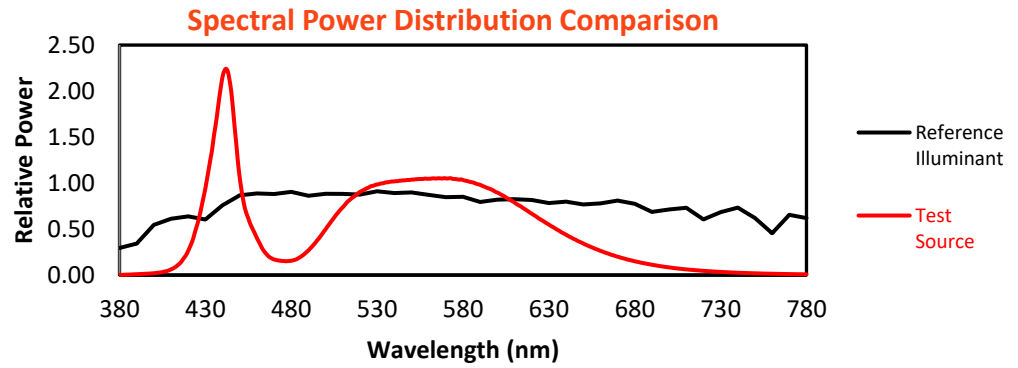
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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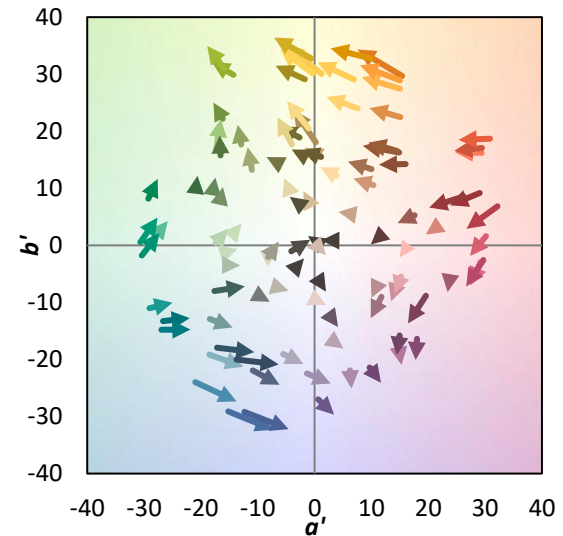
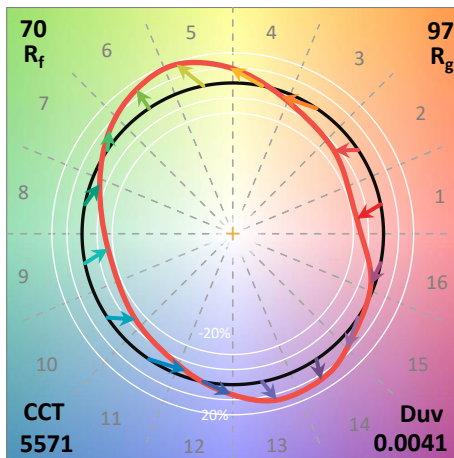
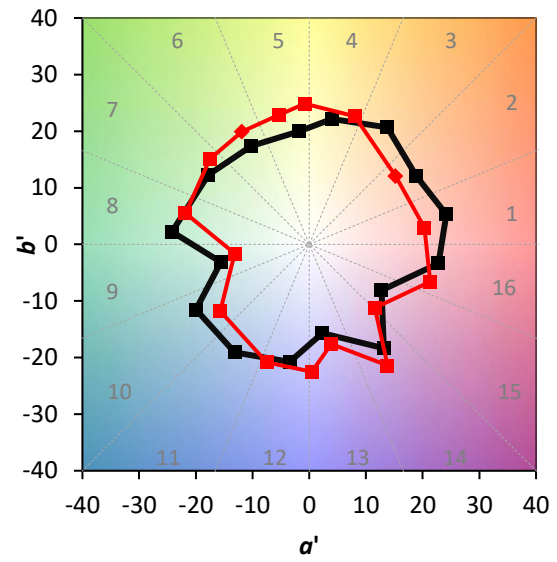
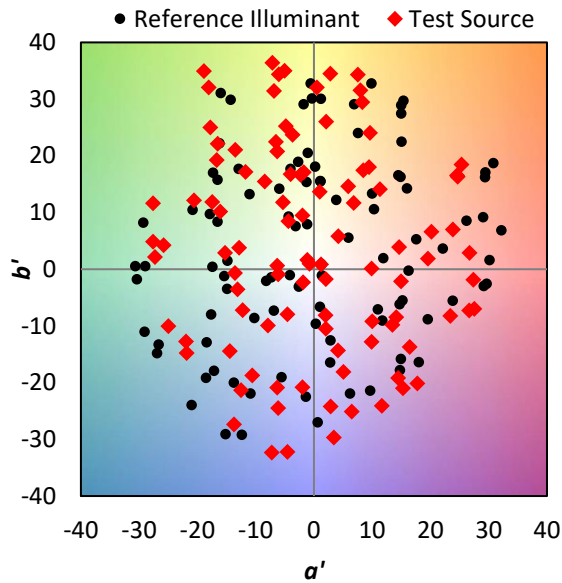
TM-30-18

Summary

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

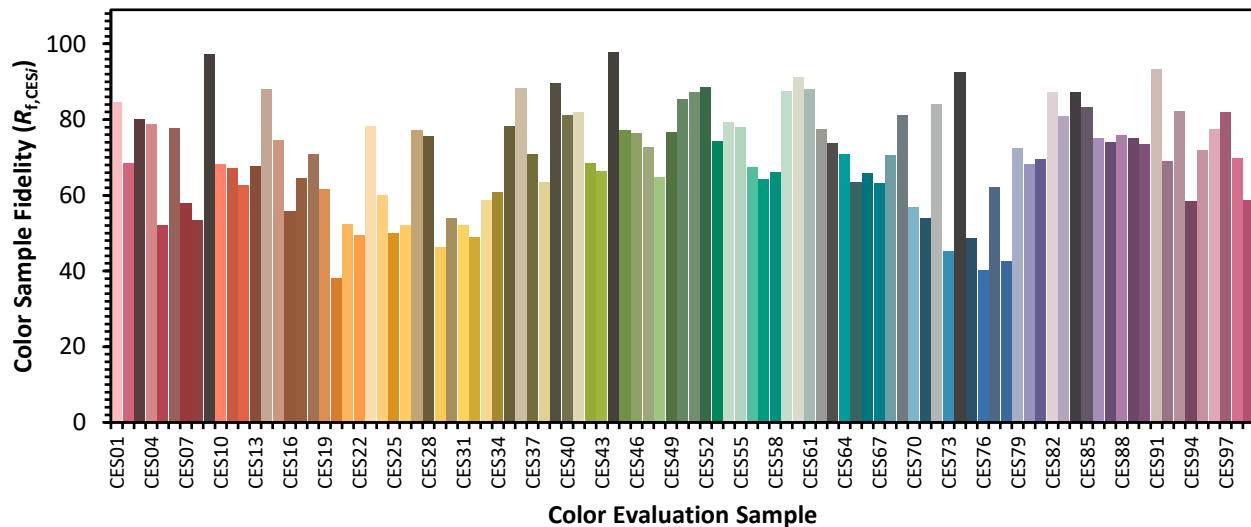


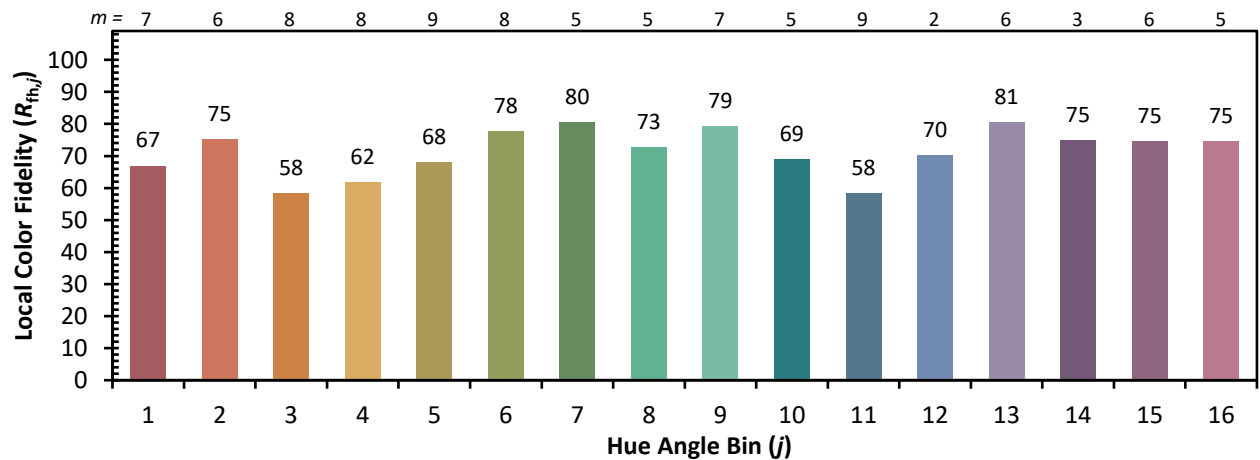
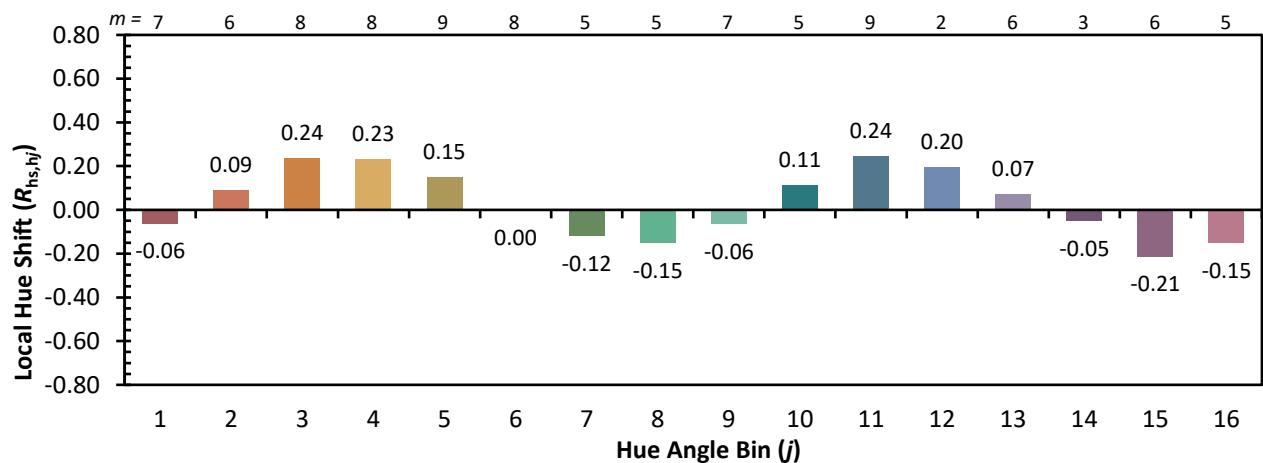
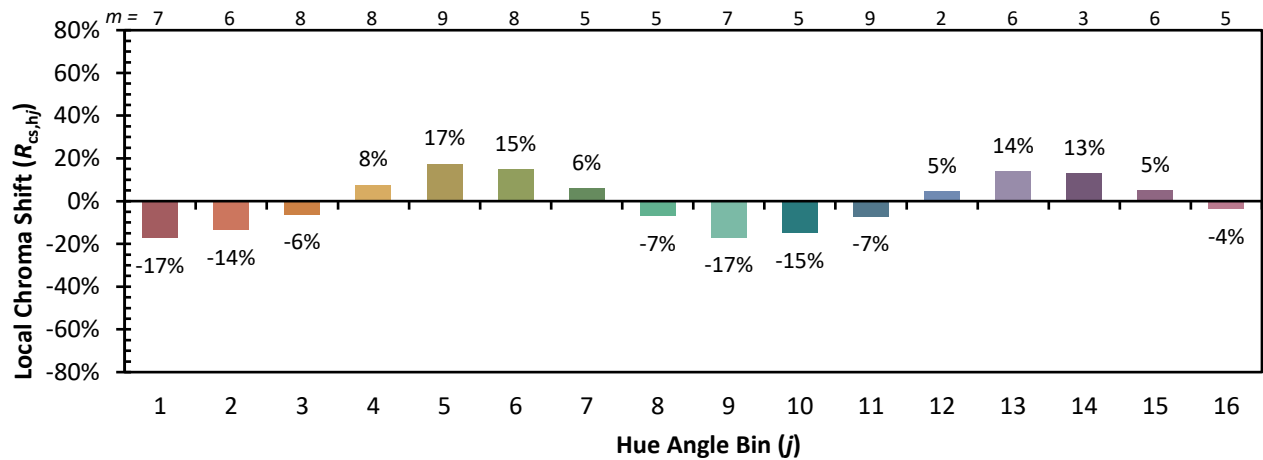
Color Vector Graphics

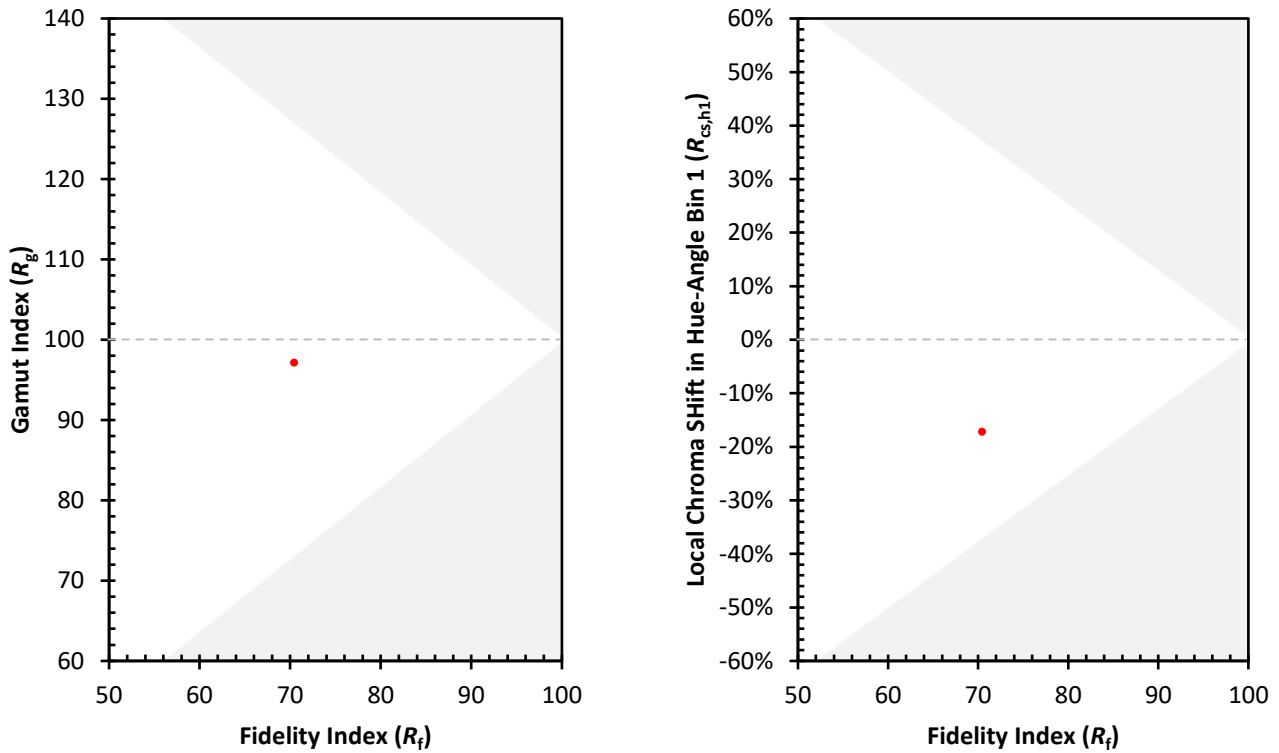


Individual Sample Fidelity Index ($R_{f,i}$)

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)