

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: P1047866

Luminaire Tested: **GALN-SA7B-760-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047866
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-760-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31292.6 lumens
Efficiency: N/A
Efficacy: 125.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 249.5
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

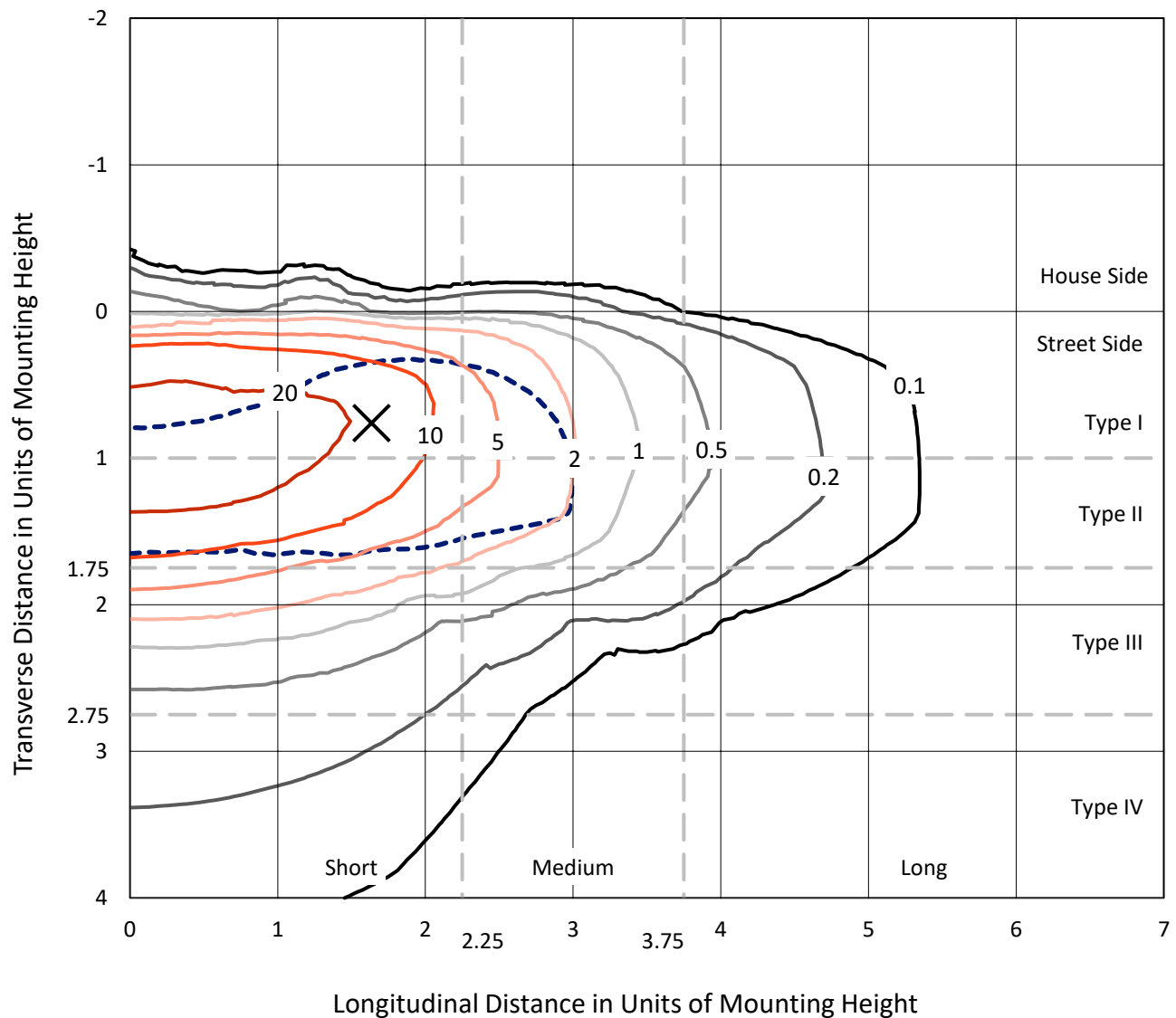


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

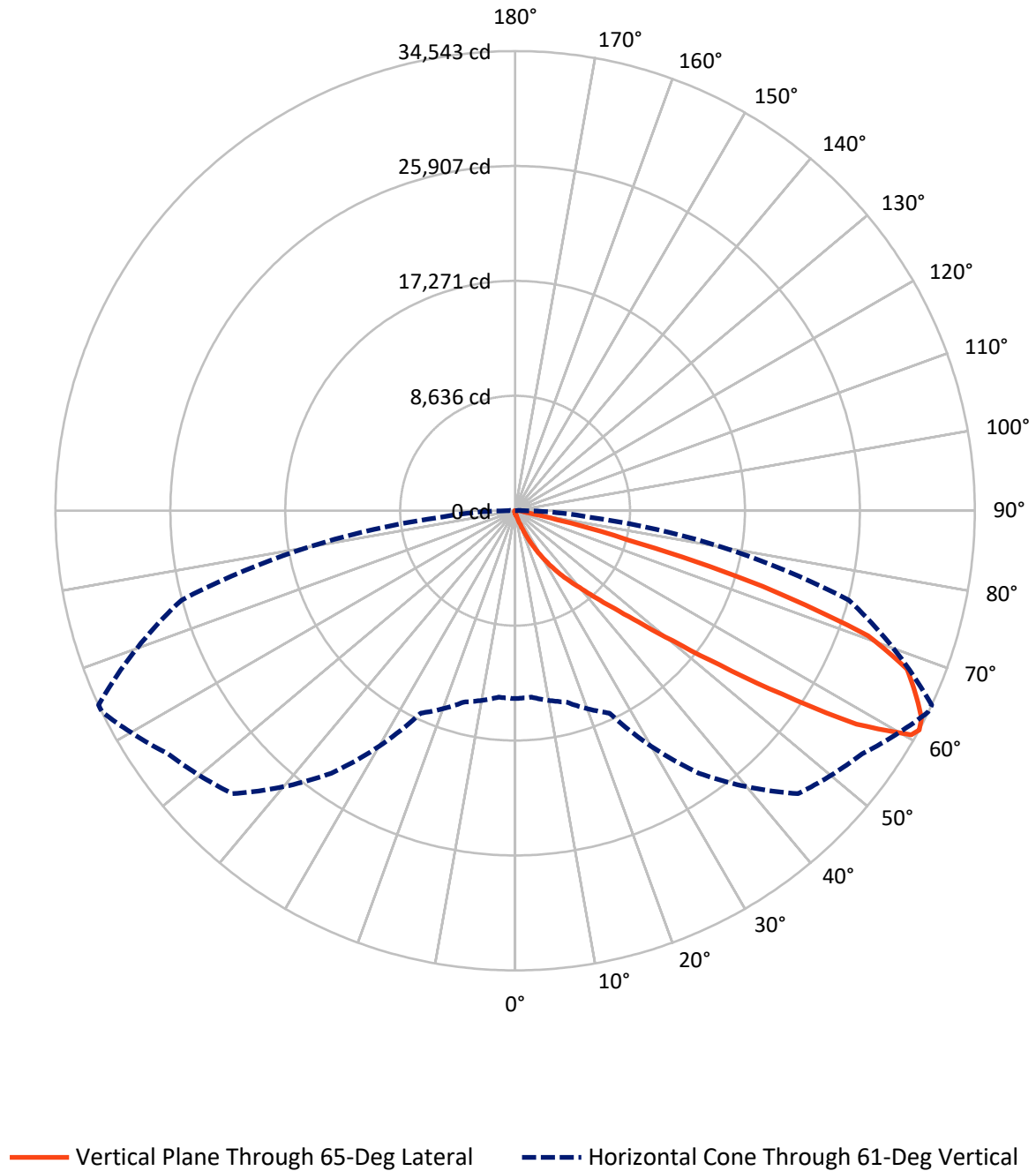


Based on 15 foot mounting height. Maximum calculated value = 41.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	133.6	0.0	133.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31159.0	0.0	31159.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	31292.6	0.0	31292.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.4	0.1
10°-20°	257.3	0.8
20°-30°	923.5	3.0
30°-40°	2458.7	7.9
40°-50°	6459.0	20.6
50°-60°	10006.2	32.0
60°-70°	8390.0	26.8
70°-80°	2469.0	7.9
80°-90°	304.6	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°	31292.6	100.0
0°-180°	31292.6	100.0



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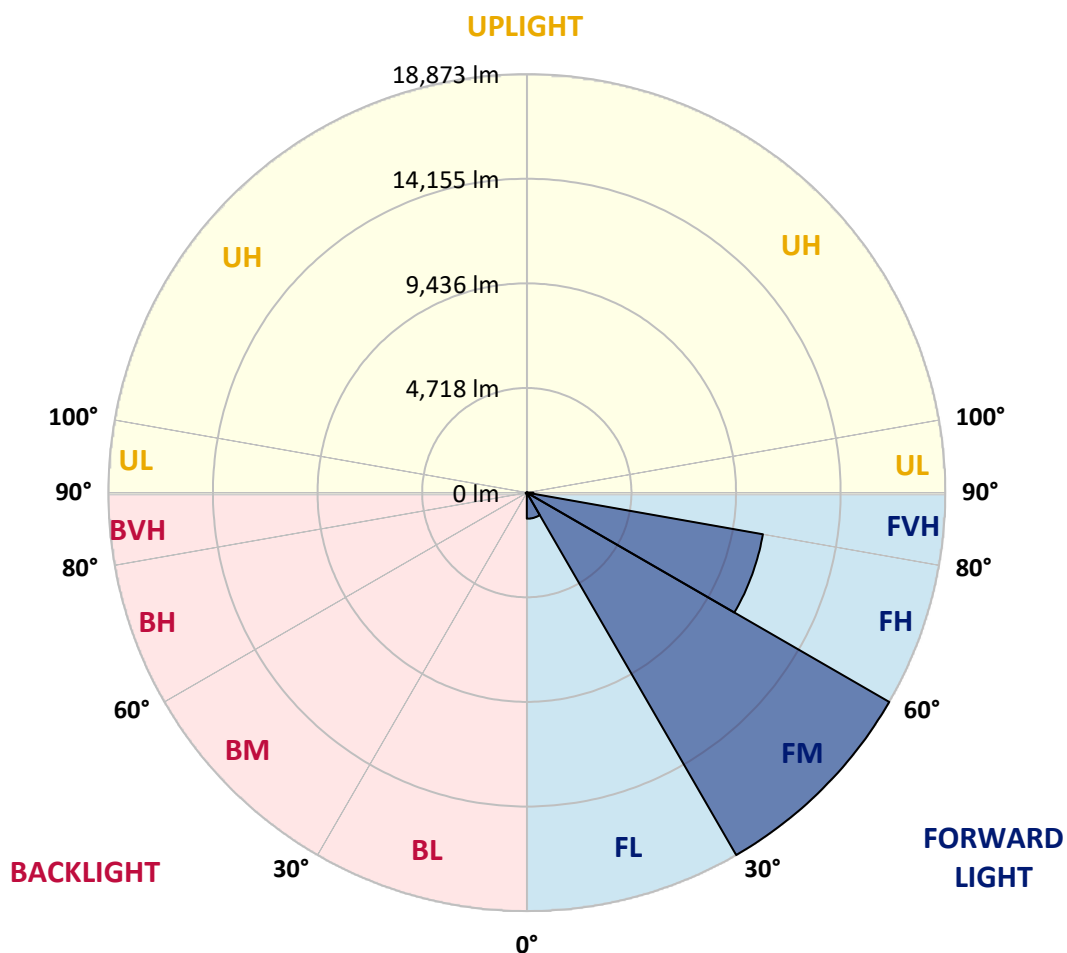
CATALOG NUMBER: GALN-SA7B-760-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1175.2	3.8			
FM	(30°-60°)	18873.0	60.3			
FH	(60°-80°)	10811.9	34.6			G4/12000
FVH	(80°-90°)	298.9	1.0			G3/500
BL	(0°-30°)	30.0	0.1	B0/110		
BM	(30°-60°)	50.8	0.2	B0/220		
BH	(60°-80°)	47.1	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	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°	191.6	191.6	191.6	191.6	191.6	191.6	191.6	191.6	191.6	191.6	191.6
2.5°	232.5	234.6	230.3	221.7	215.3	215.3	213.1	206.6	206.6	200.2	195.9
5°	325.0	320.7	312.1	294.9	279.8	264.8	249.7	234.6	232.5	213.1	200.2
7.5°	531.7	536.0	508.0	454.2	409.0	350.9	297.1	264.8	260.5	228.2	202.3
10°	1166.7	1134.4	1069.8	861.0	708.2	533.8	396.1	307.8	303.5	245.4	206.6
12.5°	2126.8	2100.9	1982.5	1767.3	1373.4	955.8	579.0	381.0	368.1	260.5	208.8
15°	3065.3	3024.4	2959.8	2742.4	2281.7	1713.5	947.1	520.9	486.5	282.0	206.6
17.5°	3663.7	3670.2	3612.1	3519.5	3222.4	2535.8	1636.0	777.1	710.4	320.7	202.3
20°	4186.8	4171.7	4204.0	4154.5	3945.7	3446.3	2380.8	1231.3	1117.2	383.2	204.5
22.5°	4789.5	4826.1	4849.8	4839.0	4608.7	4182.5	3226.7	1842.6	1698.4	497.2	211.0
25°	5596.7	5592.4	5594.6	5566.6	5342.7	4869.2	4074.9	2602.5	2456.1	682.4	226.0
27.5°	6442.7	6468.5	6479.3	6378.1	6085.4	5620.4	4860.6	3433.4	3261.2	979.4	245.4
30°	7598.7	7577.1	7527.6	7321.0	6965.8	6388.9	5635.5	4305.2	4124.4	1394.9	275.5
32.5°	9157.1	9133.5	8883.8	8427.4	7895.7	7189.7	6414.7	5179.1	4959.6	1913.7	316.4
35°	11725.2	11761.8	11148.3	9966.5	9012.9	8151.9	7277.9	6048.8	5855.1	2553.0	372.4
37.5°	15658.0	15457.8	14624.7	12536.7	10483.1	9353.0	8102.4	6927.0	6759.1	3340.8	445.6
40°	19478.8	19280.8	19039.7	17061.5	13038.3	10676.9	9256.2	7958.1	7740.7	4229.8	553.2
42.5°	23495.6	23385.8	23375.0	21883.3	17700.8	12758.4	10644.6	9165.7	8980.6	5205.0	729.7
45°	26341.3	26231.5	26461.8	26722.3	24050.9	17218.6	13061.9	10735.0	10465.9	6388.9	1011.7
47.5°	26724.4	26728.8	27344.4	28160.2	28769.4	24117.7	16282.2	12814.4	12487.2	8083.0	1485.3
50°	25450.1	25499.6	26479.1	27938.5	29578.8	29906.0	21960.8	15832.3	15348.0	10091.4	2156.9
52.5°	23024.1	23080.1	24444.9	26845.0	28834.0	31296.6	28646.7	19780.2	19222.7	12597.0	3104.0
55°	20839.3	20873.7	22438.6	25471.6	27936.4	30541.0	32616.1	25051.9	24320.0	15679.5	4038.3
57.5°	18675.9	18596.3	19614.4	23086.6	27783.5	29613.2	33201.6	31059.8	30252.6	19048.3	4765.8
60°	15782.8	15649.4	16467.3	18675.9	25773.0	30222.4	32105.9	34383.4	34200.4	23738.8	5327.7
61°	14118.9	14062.9	14885.2	16779.5	24081.1	30067.4	31843.3	34523.3	34542.7	25958.1	5579.5
62.5°	10082.7	10242.0	11499.2	13961.7	20169.8	29062.2	31877.8	34090.6	34282.2	28907.2	6231.8
65°	4481.7	4737.9	5715.1	7719.2	11729.5	24175.8	31572.1	33141.3	33046.6	29716.6	8479.1
67.5°	2658.5	2697.2	3183.7	4374.1	6212.4	13003.8	27861.0	31886.4	31759.4	25869.9	10549.9
70°	2094.5	2113.8	2268.8	2744.6	3605.6	4981.1	15901.2	27587.6	28140.9	20977.0	10328.1
72.5°	1986.8	1982.5	2004.1	2088.0	2271.0	2471.2	6156.4	18337.9	19463.8	15106.9	8659.9
75°	1961.0	1952.4	1930.9	1898.6	1644.6	1455.2	1907.2	8111.0	8763.2	10321.7	6520.2
77.5°	1902.9	1905.0	1909.4	1821.1	1409.9	1028.9	923.5	2602.5	3200.9	6550.3	4634.5
80°	1287.3	1306.6	1338.9	1304.5	1267.9	744.8	652.2	925.6	938.5	3676.6	3061.0
82.5°	652.2	652.2	637.2	568.3	490.8	484.3	518.8	671.6	680.2	1859.8	1440.1
85°	393.9	415.5	424.1	385.3	353.0	325.0	396.1	533.8	553.2	721.1	335.8
87.5°	88.3	90.4	99.0	131.3	191.6	260.5	368.1	488.6	497.2	462.8	40.9
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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CATALOG NUMBER: GALN-SA7B-760-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	191.6	191.6	191.6	191.6	191.6	191.6	191.6	191.6	191.6	191.6	191.6
2.5°	193.7	189.4	187.3	180.8	174.4	167.9	163.6	161.4	163.6	165.7	165.7
5°	191.6	185.1	174.4	163.6	155.0	146.4	137.8	135.6	135.6	137.8	137.8
7.5°	191.6	180.8	165.7	152.8	139.9	127.0	120.5	116.2	118.4	118.4	118.4
10°	191.6	178.7	159.3	139.9	124.9	109.8	99.0	94.7	94.7	94.7	94.7
12.5°	189.4	176.5	152.8	129.2	107.6	90.4	77.5	71.0	73.2	73.2	73.2
15°	185.1	170.1	144.2	109.8	86.1	68.9	56.0	49.5	51.7	56.0	58.1
17.5°	178.7	163.6	129.2	92.6	68.9	51.7	38.7	34.4	36.6	43.1	43.1
20°	176.5	157.1	114.1	75.3	51.7	36.6	25.8	21.5	23.7	32.3	34.4
22.5°	176.5	152.8	103.3	62.4	38.7	23.7	15.1	8.6	8.6	15.1	15.1
25°	178.7	150.7	94.7	51.7	28.0	17.2	8.6	4.3	8.6	23.7	28.0
27.5°	183.0	148.5	90.4	43.1	21.5	15.1	6.5	15.1	25.8	25.8	25.8
30°	187.3	144.2	84.0	36.6	19.4	10.8	10.8	21.5	21.5	25.8	28.0
32.5°	193.7	142.1	79.6	32.3	15.1	8.6	15.1	12.9	12.9	15.1	17.2
35°	206.6	144.2	75.3	32.3	15.1	10.8	12.9	6.5	4.3	4.3	4.3
37.5°	223.9	146.4	68.9	28.0	12.9	12.9	6.5	0.0	0.0	0.0	0.0
40°	251.9	152.8	64.6	25.8	10.8	10.8	2.2	0.0	0.0	0.0	0.0
42.5°	299.2	165.7	62.4	23.7	10.8	8.6	0.0	0.0	0.0	0.0	0.0
45°	393.9	195.9	58.1	21.5	10.8	4.3	0.0	0.0	0.0	0.0	0.0
47.5°	566.1	266.9	56.0	17.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	826.6	361.6	53.8	15.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1054.8	381.0	36.6	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1080.6	262.6	28.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	861.0	170.1	23.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	652.2	129.2	21.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	626.4	116.2	21.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	691.0	101.2	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1123.7	84.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1952.4	73.2	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2466.9	68.9	12.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2150.4	62.4	12.9	4.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	1293.7	53.8	12.9	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	678.1	40.9	12.9	10.8	6.5	2.2	0.0	0.0	0.0	0.0	0.0
80°	329.3	36.6	15.1	10.8	8.6	4.3	0.0	0.0	0.0	0.0	0.0
82.5°	129.2	30.1	17.2	15.1	10.8	6.5	2.2	0.0	0.0	0.0	0.0
85°	58.1	25.8	19.4	17.2	15.1	8.6	2.2	0.0	0.0	0.0	0.0
87.5°	30.1	23.7	21.5	19.4	15.1	10.8	4.3	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

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

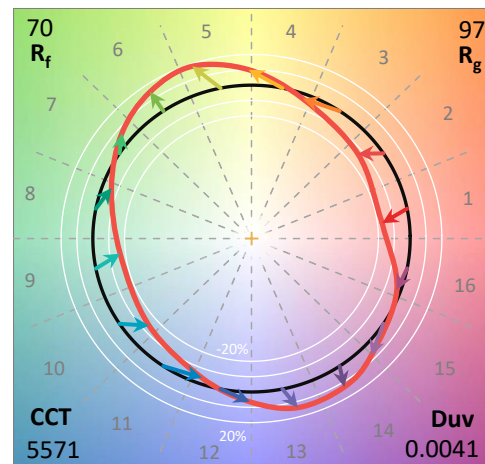
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

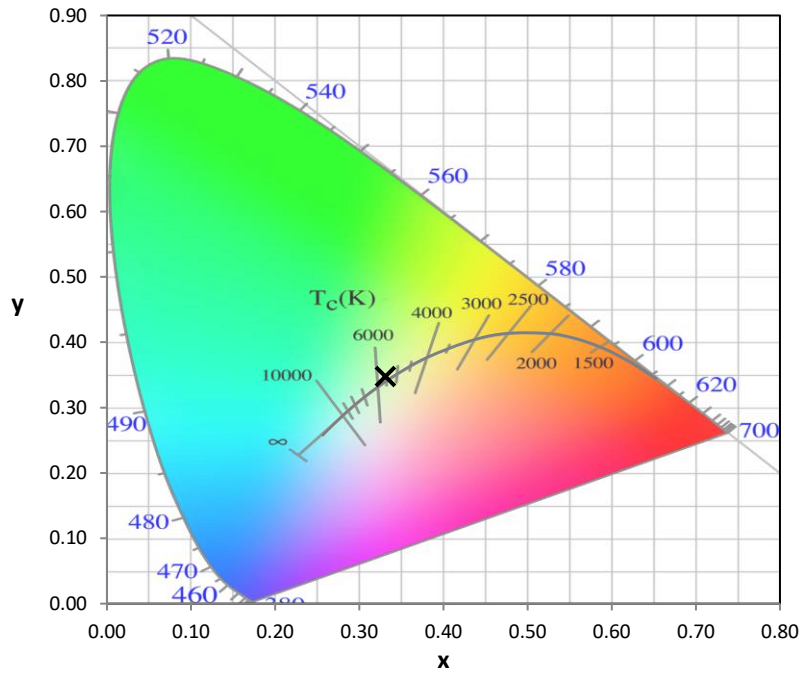
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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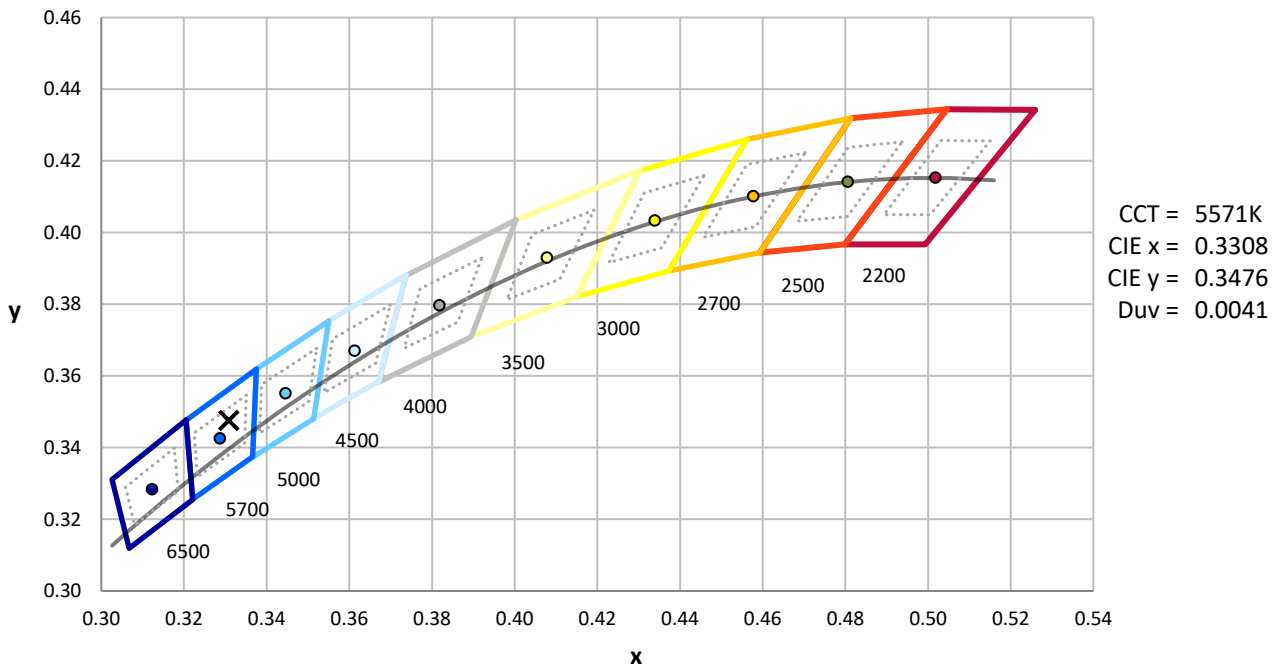
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



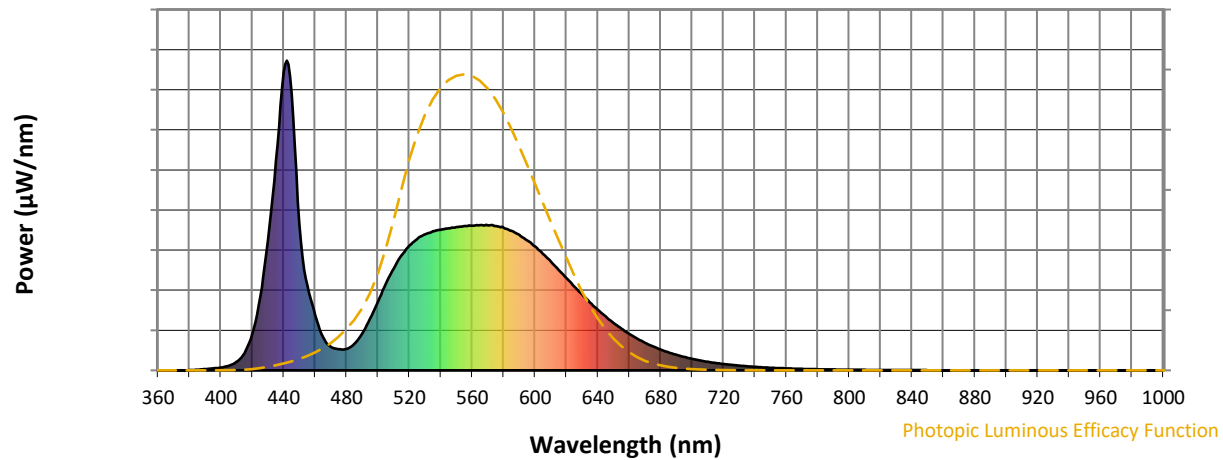
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

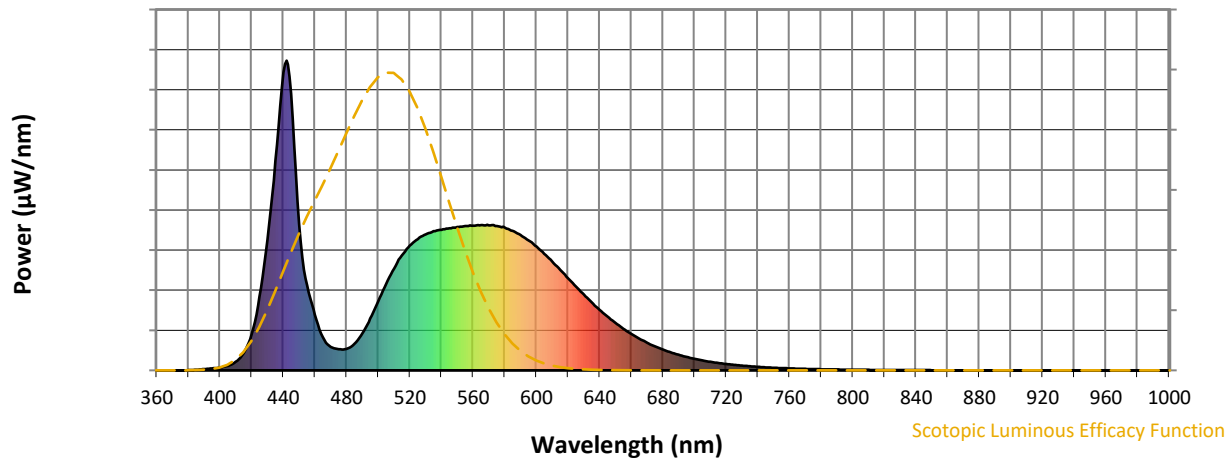


Photopic Lumens: NR

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



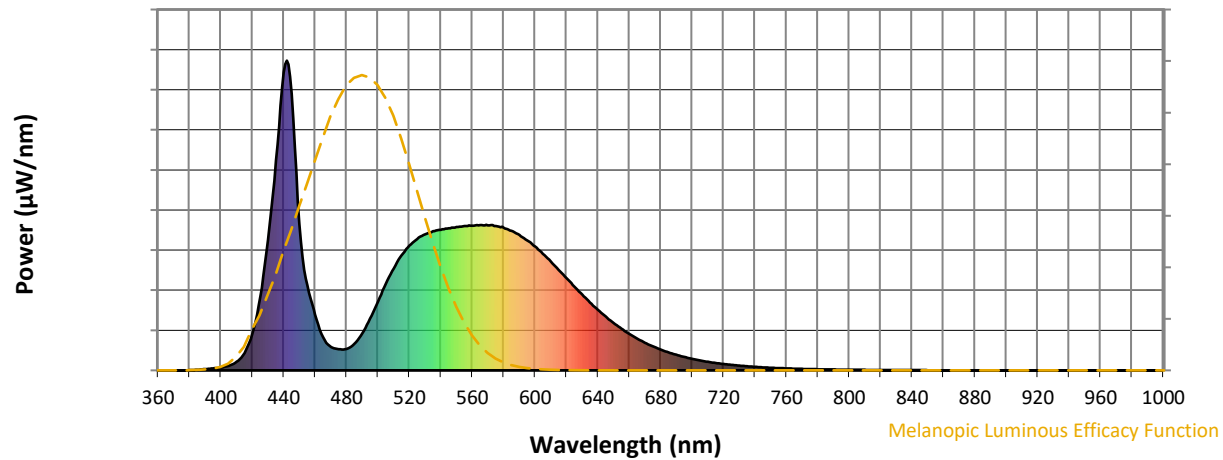
Scotopic Lumens: NR

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

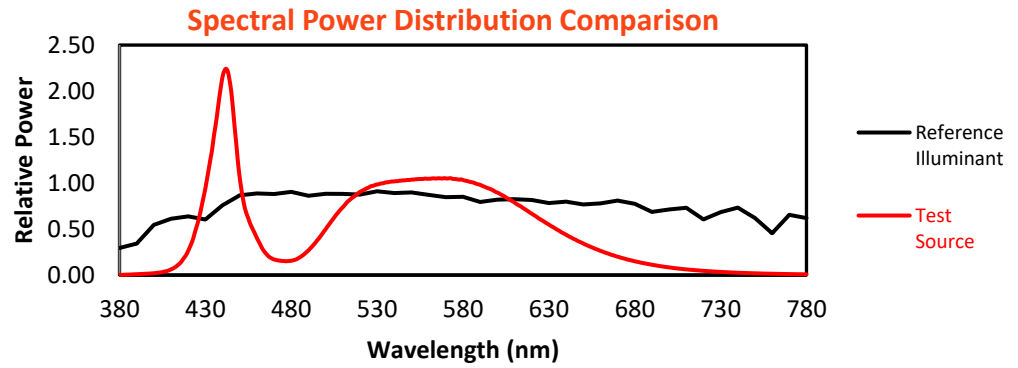
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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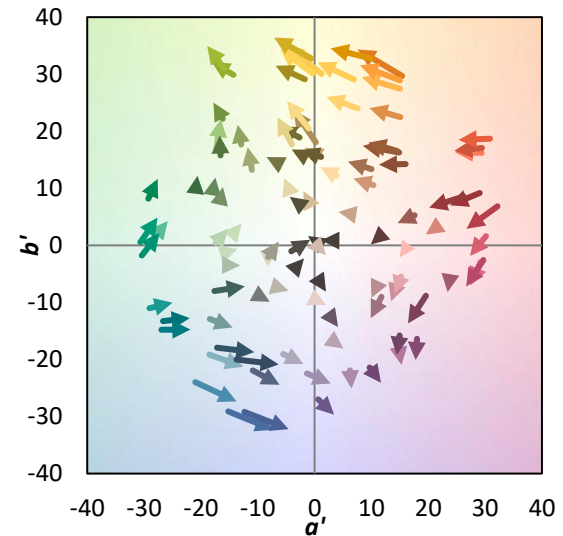
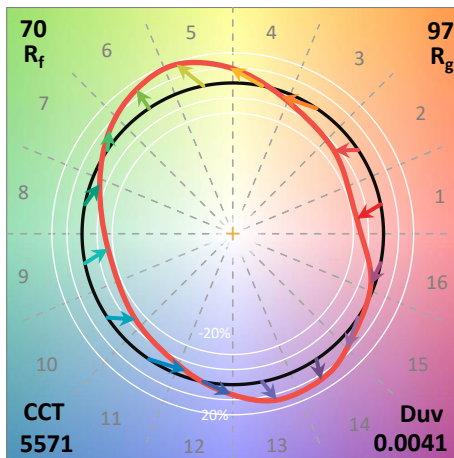
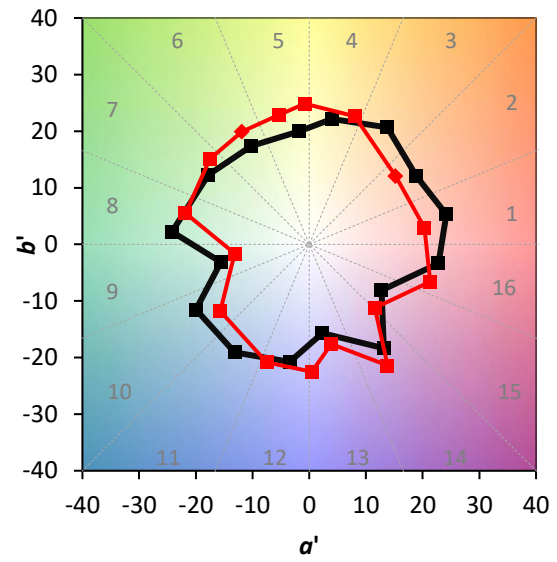
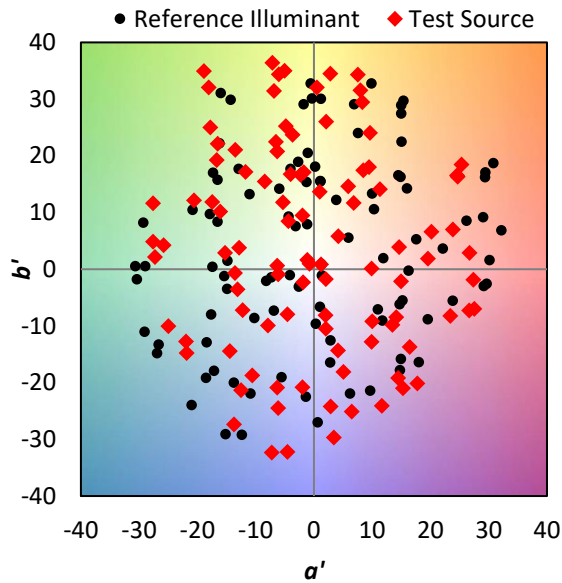
TM-30-18

Summary

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

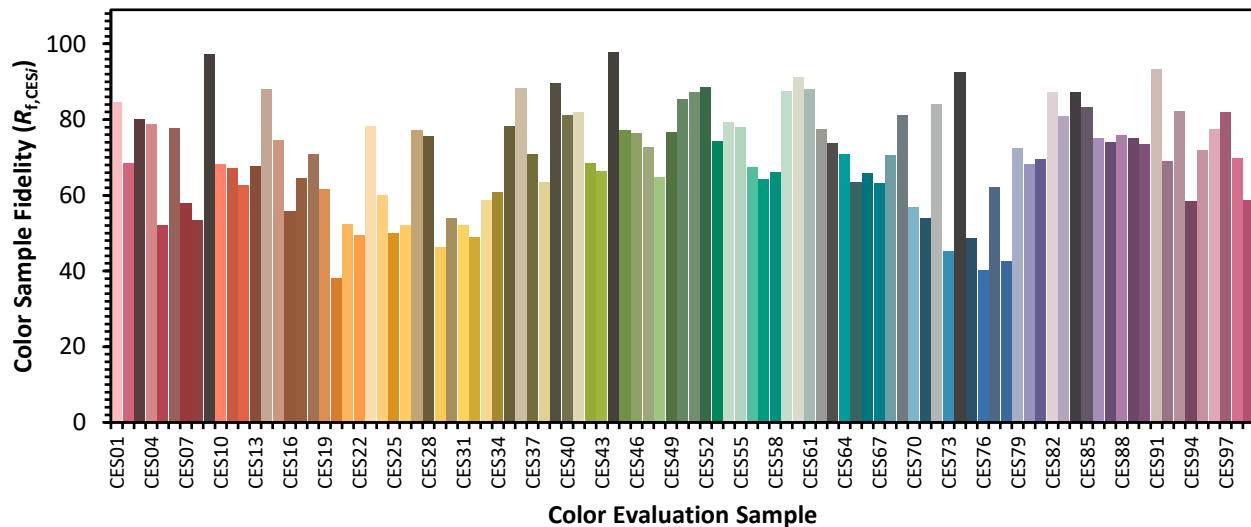


Color Vector Graphics

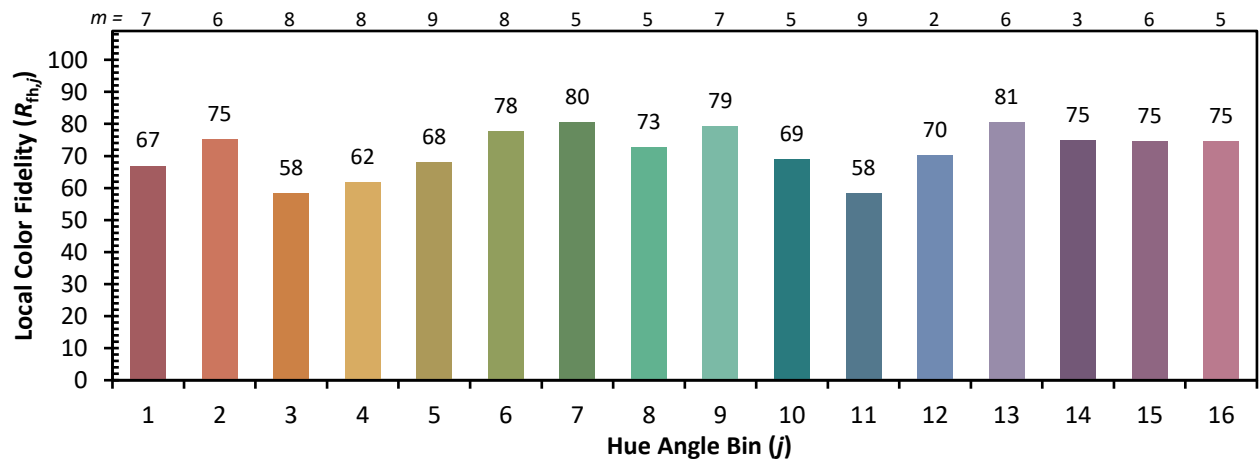
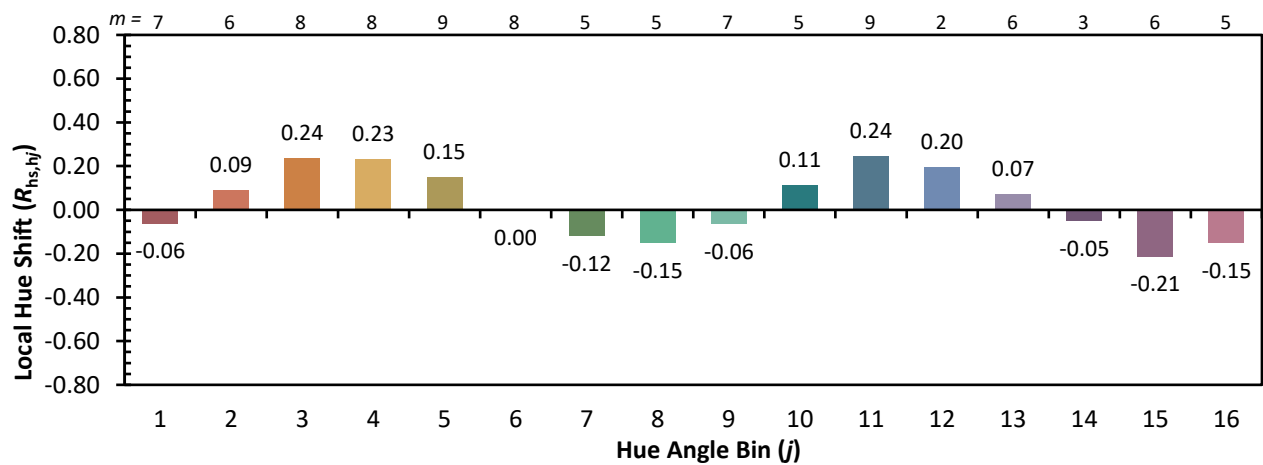
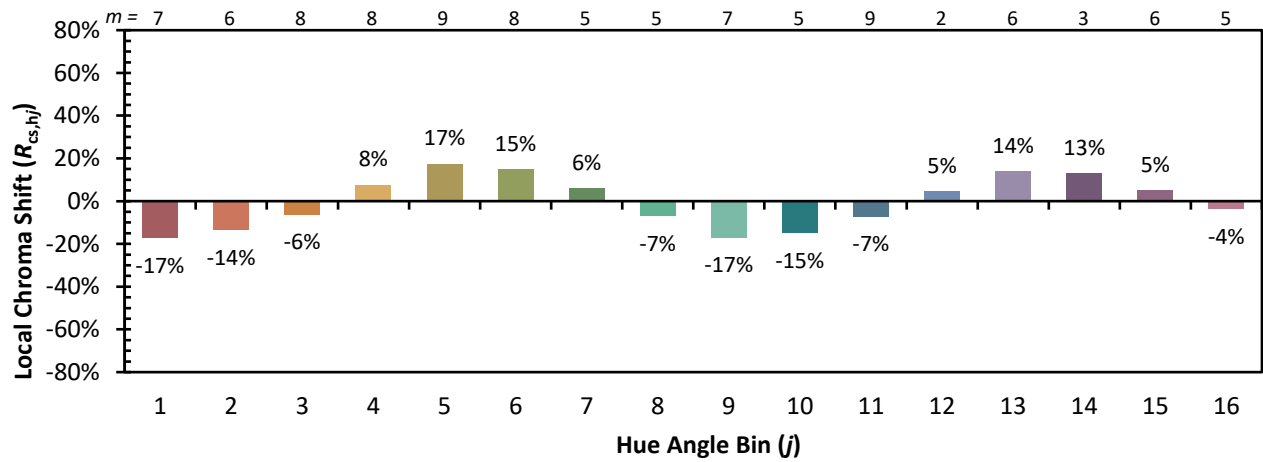


Individual Sample Fidelity Index ($R_{f,i}$)

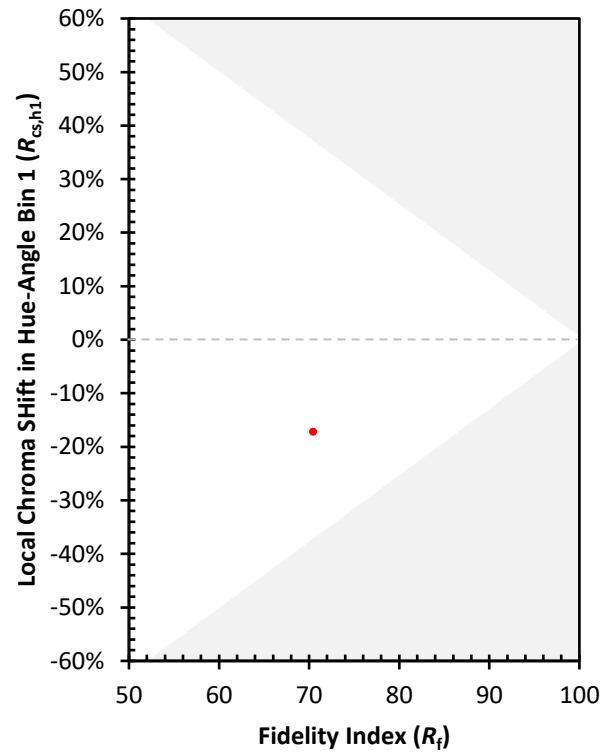
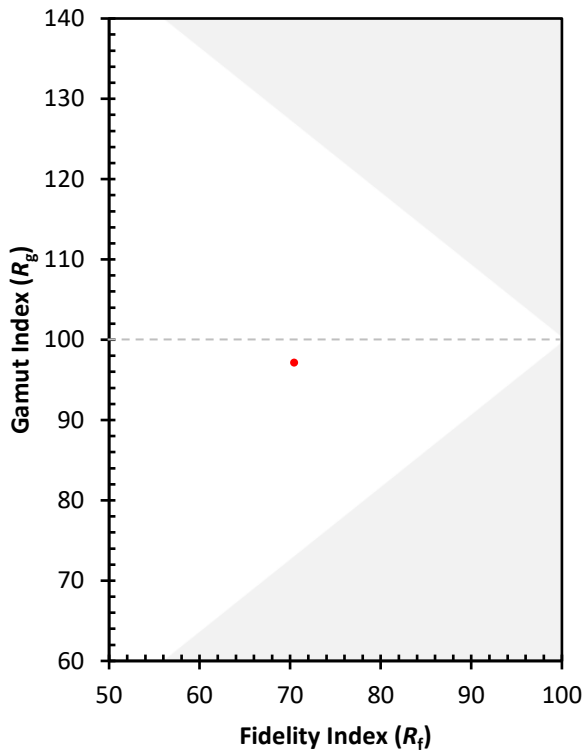
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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