

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: P1047226

Luminaire Tested: **GALN-SA9B-750-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047226
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-750-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 41737.1 lumens
Efficiency: N/A
Efficacy: 133.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

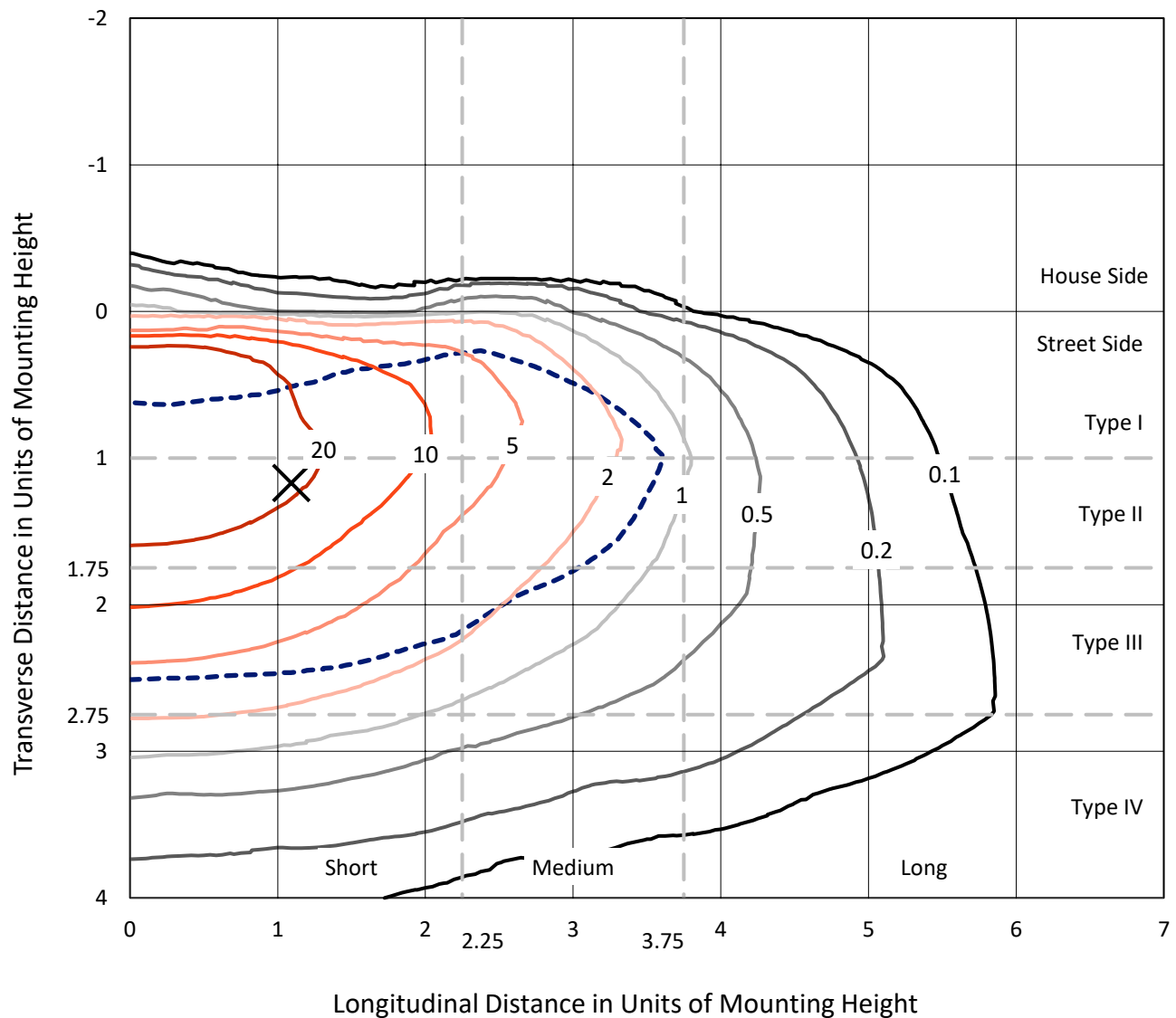


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CATALOG NUMBER: GALN-SA9B-750-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

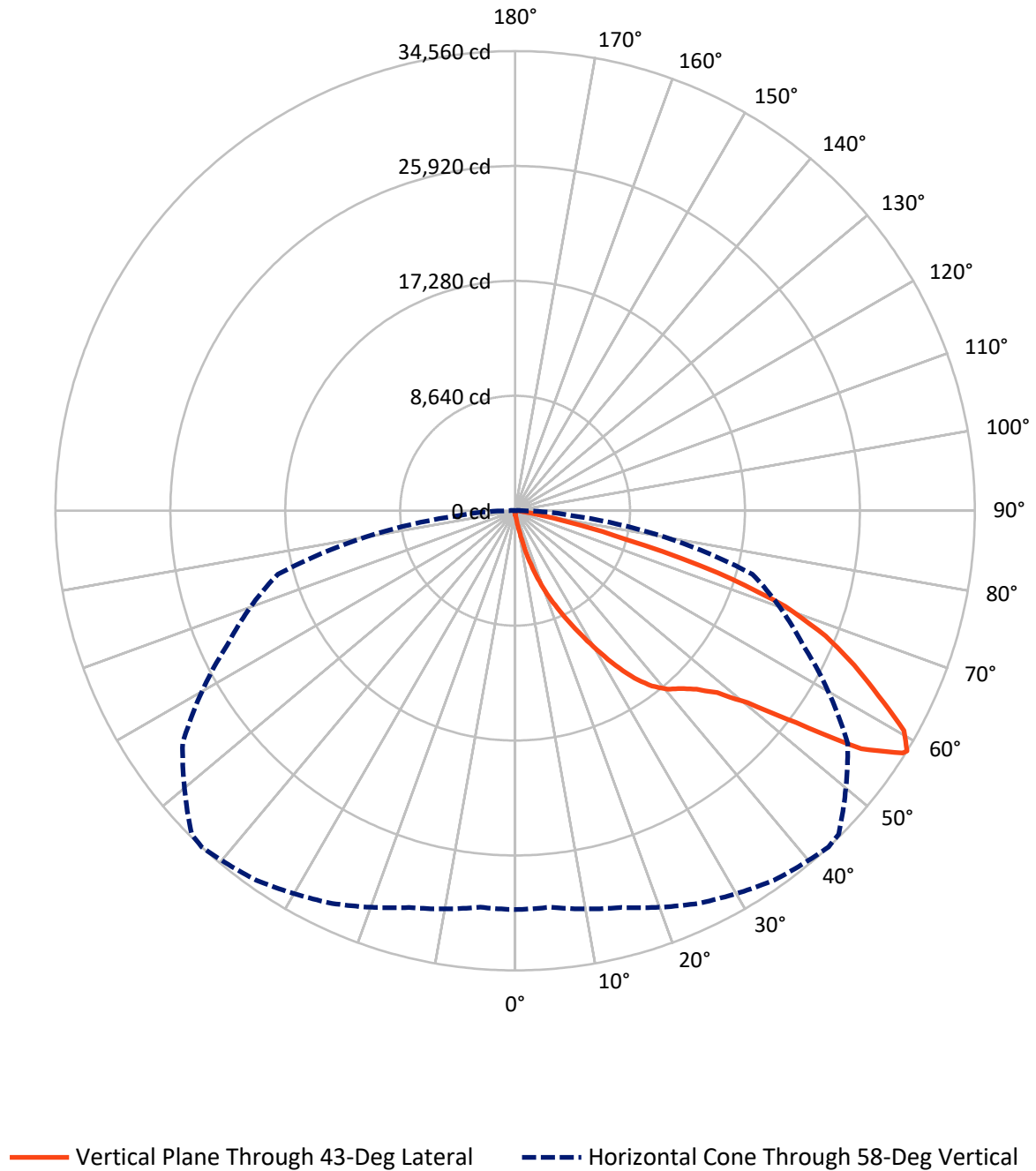


Based on 15 foot mounting height. Maximum calculated value = 46.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	152.4	0.0	152.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	41584.8	0.0	41584.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	41737.1	0.0	41737.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.0	0.1
10°-20°	479.8	1.1
20°-30°	1729.2	4.1
30°-40°	3956.4	9.5
40°-50°	6672.9	16.0
50°-60°	11011.9	26.4
60°-70°	12307.3	29.5
70°-80°	5081.5	12.2
80°-90°	458.1	1.1
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°	41737.1	100.0
0°-180°	41737.1	100.0



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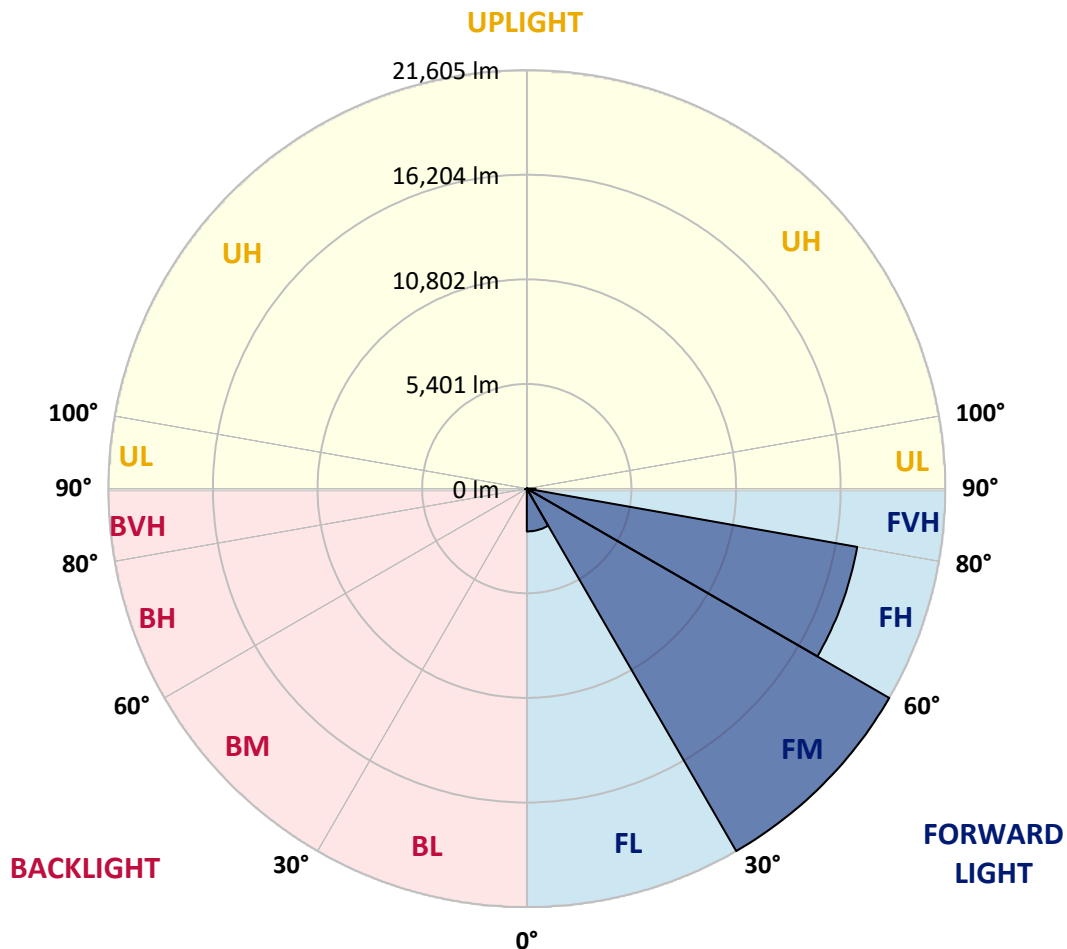
CATALOG NUMBER: GALN-SA9B-750-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2209.2	5.3			
FM	(30°-60°)	21604.7	51.8			
FH	(60°-80°)	17319.0	41.5			G5
FVH	(80°-90°)	451.8	1.1			G3/500
BL	(0°-30°)	39.7	0.1	B0/110		
BM	(30°-60°)	36.5	0.1	B0/220		
BH	(60°-80°)	69.8	0.2	B0/110		G0/110
BVH	(80°-90°)	6.3	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 III Short



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CATALOG NUMBER: GALN-SA9B-750-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	272.9	272.9	272.9	272.9	272.9	272.9	272.9	272.9	272.9	272.9	272.9
2.5°	327.5	338.4	327.5	327.5	327.5	316.6	316.6	305.6	305.6	294.7	283.8
5°	480.3	480.3	447.6	425.7	403.9	393.0	382.1	360.2	338.4	316.6	294.7
7.5°	1069.8	1069.8	971.5	840.5	665.9	567.6	545.8	447.6	382.1	338.4	294.7
10°	2554.3	2554.3	2336.0	1975.8	1528.2	1135.3	1015.2	644.0	458.5	360.2	305.6
12.5°	4246.3	4300.9	4028.0	3569.5	2903.7	2215.9	1975.8	1178.9	611.3	393.0	305.6
15°	5763.6	5632.6	5556.2	5119.6	4486.5	3667.8	3362.1	1986.7	884.2	447.6	305.6
17.5°	6789.7	6789.7	6680.6	6385.8	5807.3	5086.8	4835.8	3209.3	1430.0	513.1	316.6
20°	7990.5	7990.5	7794.0	7586.6	7073.6	6462.3	6222.1	4562.9	2215.9	655.0	316.6
22.5°	9442.3	9464.2	9245.8	8874.7	8383.5	7706.7	7499.3	5818.2	3209.3	873.3	327.5
25°	11210.7	11232.5	10916.0	10566.7	9813.5	9082.1	8765.5	7259.1	4421.0	1222.6	327.5
27.5°	13164.7	13317.5	12848.1	12247.7	11450.9	10533.9	10293.8	8558.1	5621.7	1724.7	349.3
30°	15598.9	15598.9	14976.7	14136.2	13273.8	12138.6	11832.9	9922.6	6898.9	2390.6	371.1
32.5°	17694.8	17531.1	16734.2	15850.0	14933.1	13874.2	13546.7	11352.6	8208.8	3220.2	414.8
35°	19299.5	19157.5	18175.1	17225.4	16428.5	15457.0	15064.1	12902.7	9595.1	4159.0	480.3
37.5°	20674.9	20620.3	19288.5	18098.7	17574.7	16723.3	16374.0	14365.4	10959.6	5174.2	556.7
40°	22181.3	22006.6	20587.5	19113.9	18327.9	17640.2	17323.7	15544.4	12269.6	6364.0	665.9
42.5°	23469.4	23262.0	21984.8	20543.9	19201.2	18273.3	17967.7	16537.7	13546.7	7553.9	807.8
45°	24899.3	24790.2	23502.1	22410.5	20620.3	19135.7	18731.8	17334.6	14714.7	8972.9	993.4
47.5°	27049.8	26853.3	25652.6	24757.4	22683.4	20445.6	19867.1	18153.3	15839.1	10370.2	1277.2
50°	29549.6	29418.6	28709.0	27999.5	25936.4	22683.4	21995.7	19332.2	17094.4	12029.4	1648.3
52.5°	31590.8	31569.0	31656.3	31667.3	30106.3	26449.4	25423.3	21231.6	18535.3	13666.8	2172.3
55°	31547.2	31645.4	32606.0	33708.5	33828.6	31590.8	30597.5	24430.0	20412.9	15686.3	2903.7
57.5°	30368.3	30291.8	31307.0	32966.3	34134.3	34374.4	34210.7	29396.7	23240.1	18120.5	4028.0
58°	29986.2	29920.7	30881.3	32573.3	33915.9	34560.0	34396.3	30521.1	23873.2	18469.8	4333.6
60°	28599.9	28610.8	29178.4	30717.6	32060.2	33588.5	33741.3	33730.4	27028.0	20805.9	5872.8
62.5°	26766.0	26678.7	27202.6	28458.0	29636.9	30663.0	30925.0	33948.7	31645.4	23775.0	8809.2
65°	24233.5	24102.5	24659.2	26078.3	27344.5	28010.4	28021.3	31023.2	33817.7	26962.5	13000.9
67.5°	19528.7	19419.5	20533.0	22355.9	24309.9	25183.2	25576.1	26918.8	31983.8	29123.8	15402.4
70°	11963.9	12193.1	13743.2	16603.2	19943.5	21548.1	22137.6	22552.4	27235.4	28796.4	12880.9
72.5°	5523.5	5250.6	6571.4	8569.0	12378.7	15948.2	16559.5	18186.0	21591.8	24997.6	9606.1
75°	2576.2	2477.9	2783.6	3744.2	5610.8	8612.7	9726.1	14518.3	16559.5	17389.2	6931.6
77.5°	1320.8	1331.7	1582.8	1702.9	2314.2	3984.3	4573.8	9551.5	12138.6	9704.3	4650.2
80°	578.5	600.4	611.3	665.9	938.8	1539.2	1735.6	4431.9	8296.1	4944.9	2543.4
82.5°	371.1	382.1	382.1	382.1	447.6	611.3	698.6	1779.3	4137.2	2456.1	786.0
85°	196.5	196.5	218.3	272.9	316.6	371.1	393.0	567.6	1364.5	731.4	185.6
87.5°	109.2	120.1	131.0	163.7	207.4	251.1	272.9	393.0	524.0	502.1	43.7
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-SA9B-750-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	272.9	272.9	272.9	272.9	272.9	272.9	272.9	272.9	272.9	272.9	272.9
2.5°	283.8	272.9	262.0	251.1	240.2	229.2	229.2	229.2	229.2	229.2	229.2
5°	272.9	262.0	251.1	229.2	207.4	196.5	185.6	174.7	174.7	174.7	174.7
7.5°	272.9	262.0	229.2	207.4	185.6	163.7	141.9	141.9	141.9	141.9	141.9
10°	272.9	251.1	218.3	185.6	152.8	131.0	120.1	109.2	109.2	109.2	109.2
12.5°	272.9	240.2	207.4	163.7	131.0	109.2	98.2	87.3	87.3	87.3	87.3
15°	272.9	240.2	196.5	152.8	120.1	87.3	76.4	65.5	65.5	65.5	65.5
17.5°	262.0	229.2	185.6	131.0	98.2	65.5	54.6	43.7	43.7	54.6	54.6
20°	251.1	218.3	163.7	109.2	76.4	54.6	32.7	32.7	32.7	32.7	32.7
22.5°	251.1	218.3	152.8	98.2	65.5	32.7	21.8	21.8	21.8	21.8	32.7
25°	251.1	207.4	131.0	76.4	43.7	21.8	10.9	10.9	10.9	10.9	10.9
27.5°	251.1	207.4	120.1	65.5	32.7	21.8	10.9	0.0	0.0	0.0	0.0
30°	240.2	196.5	109.2	54.6	21.8	10.9	0.0	0.0	0.0	0.0	0.0
32.5°	240.2	185.6	87.3	43.7	21.8	10.9	0.0	0.0	0.0	0.0	0.0
35°	251.1	174.7	76.4	32.7	10.9	0.0	0.0	0.0	0.0	0.0	10.9
37.5°	262.0	163.7	65.5	21.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	272.9	152.8	65.5	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	294.7	152.8	54.6	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	316.6	152.8	43.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	360.2	163.7	43.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	393.0	174.7	32.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	436.6	163.7	32.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	491.2	163.7	32.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	534.9	152.8	32.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	556.7	141.9	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	665.9	131.0	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1037.0	109.2	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2106.8	98.2	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3929.8	87.3	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4399.1	98.2	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2772.7	76.4	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1462.7	76.4	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	731.4	76.4	10.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	338.4	54.6	10.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	141.9	32.7	21.8	10.9	10.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	65.5	32.7	21.8	21.8	10.9	10.9	0.0	0.0	0.0	0.0	0.0
87.5°	32.7	32.7	32.7	21.8	21.8	10.9	10.9	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

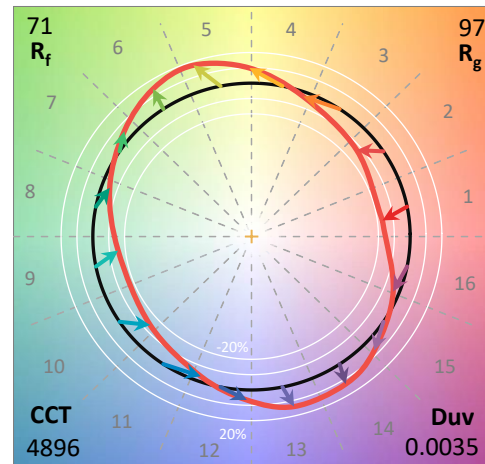
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

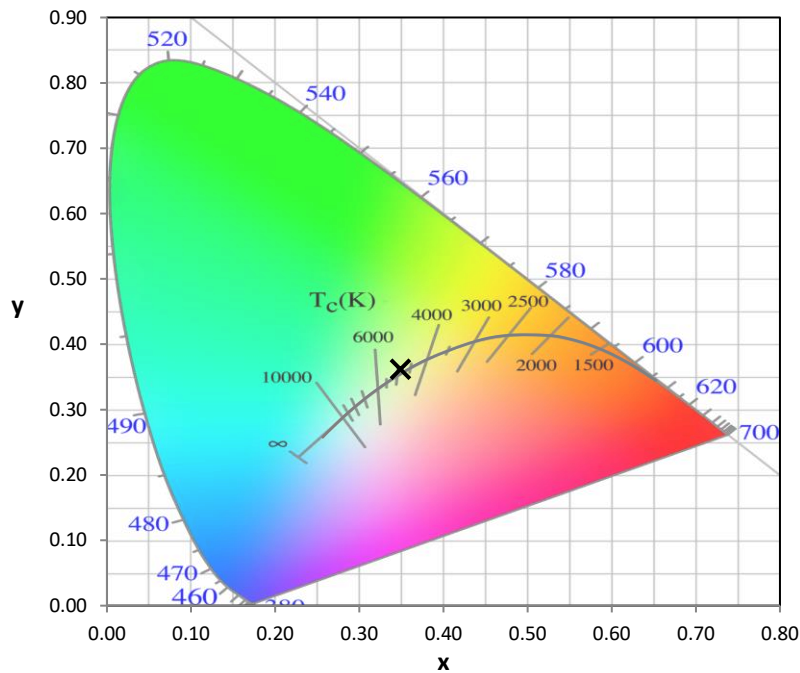
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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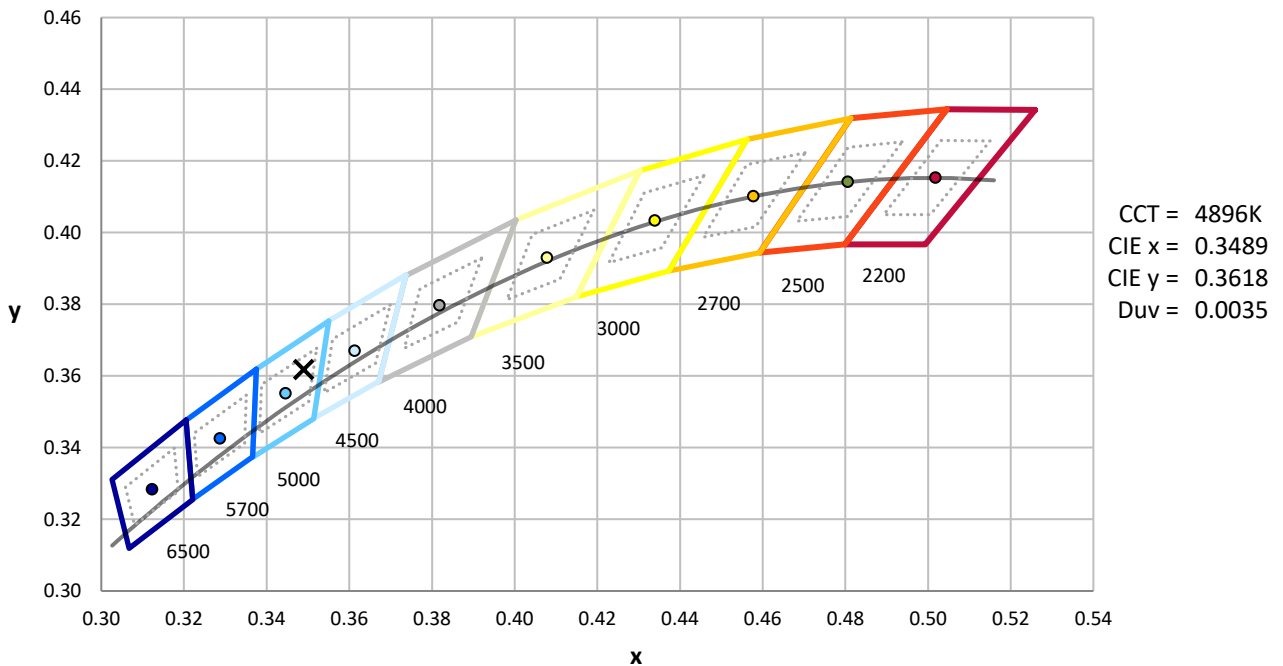
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



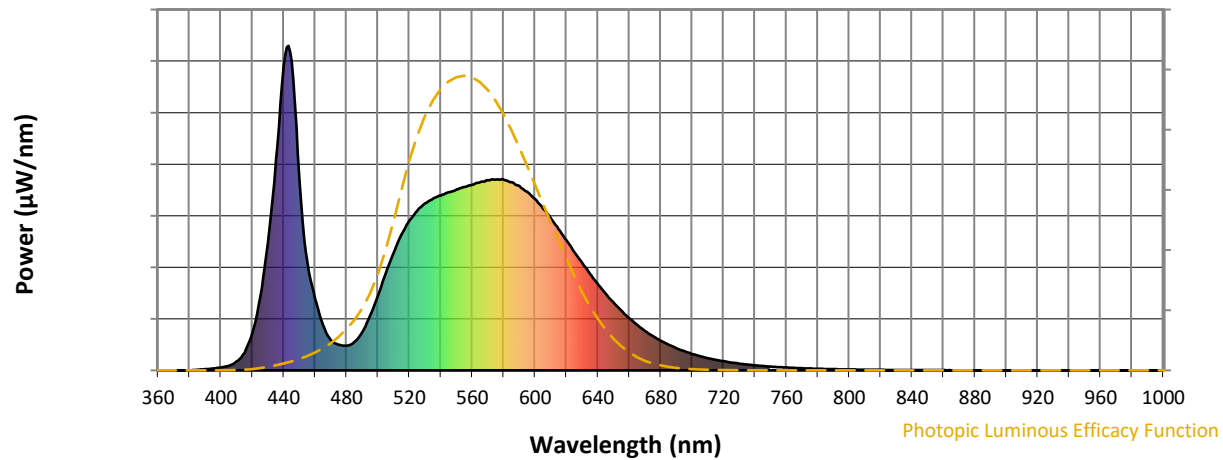
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

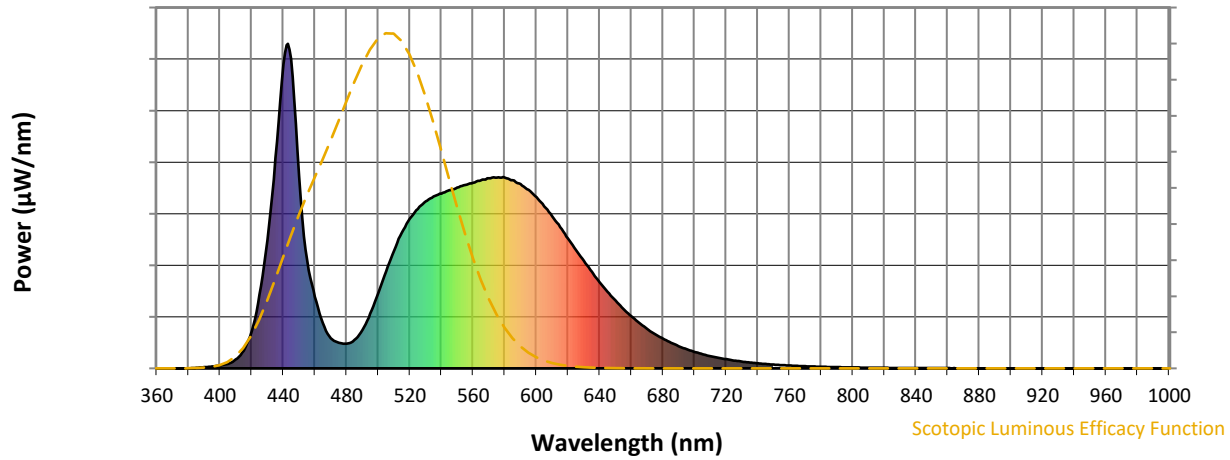


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



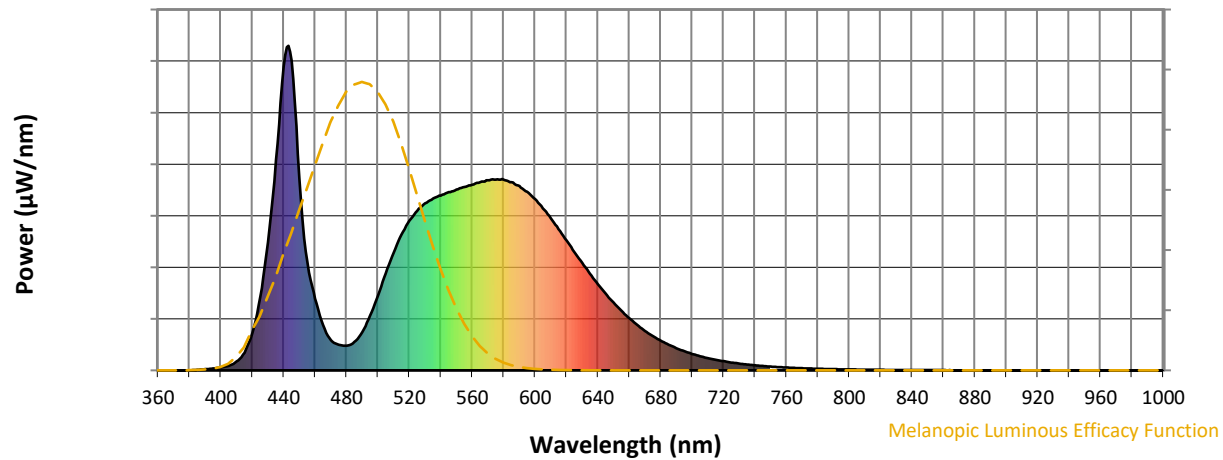
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.37

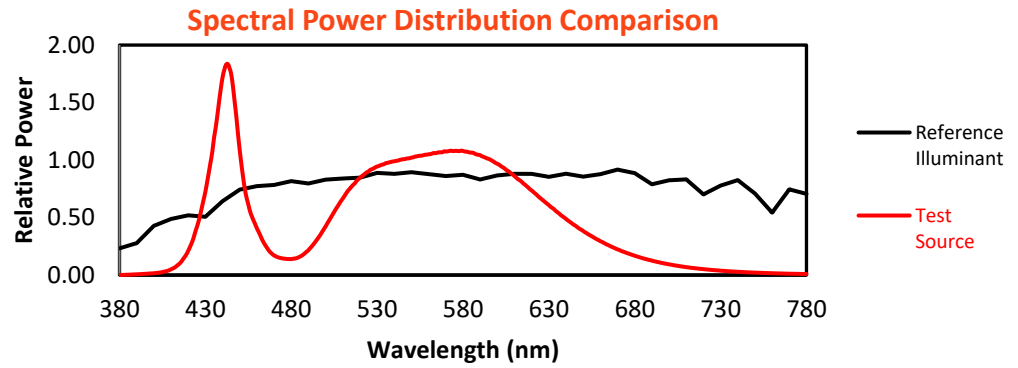
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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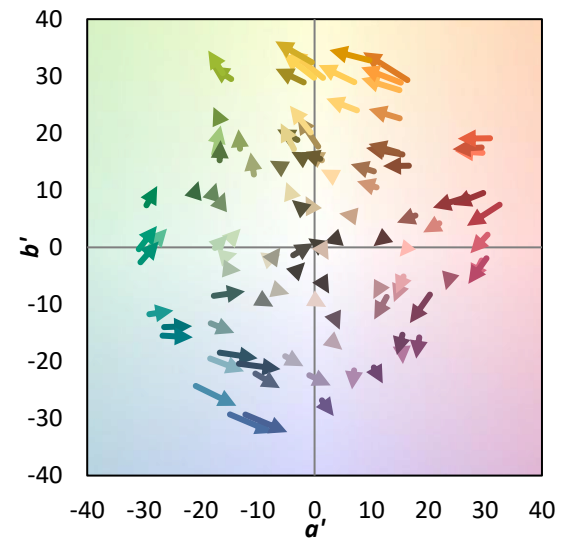
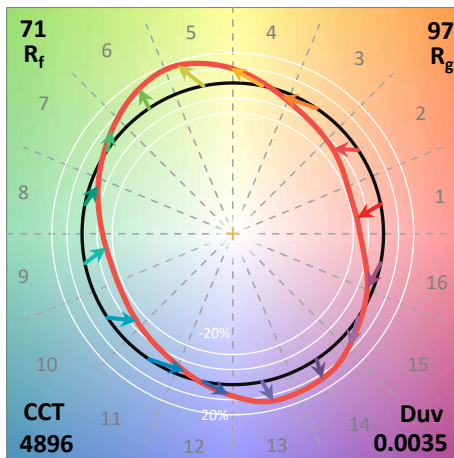
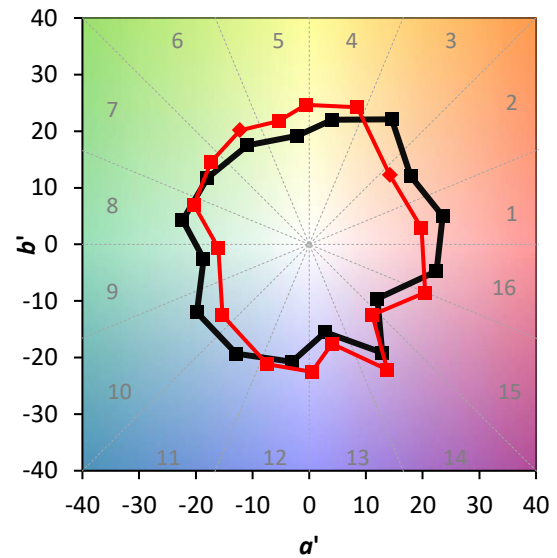
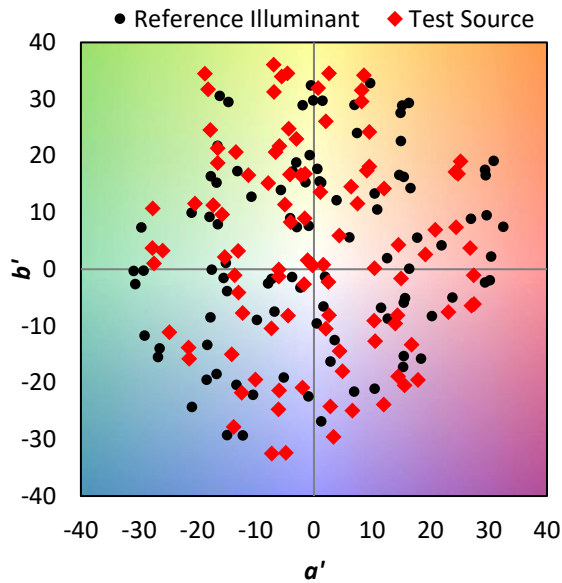
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$

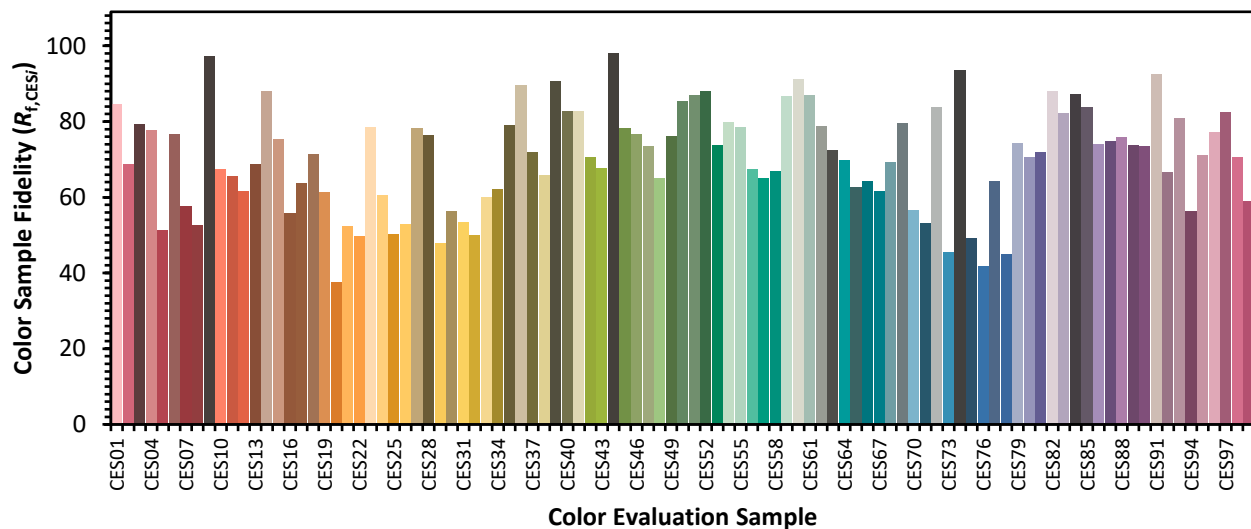


Color Vector Graphics

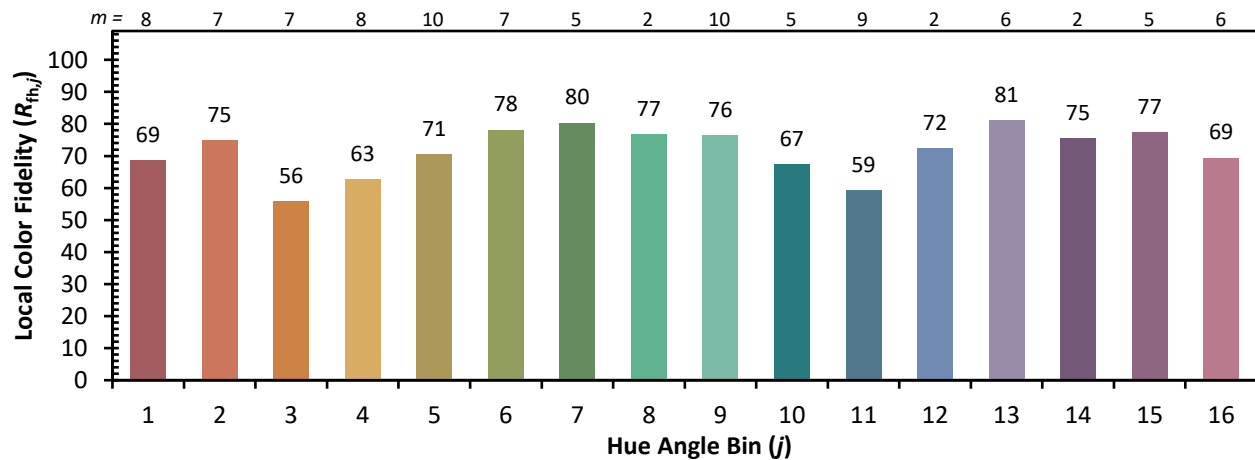
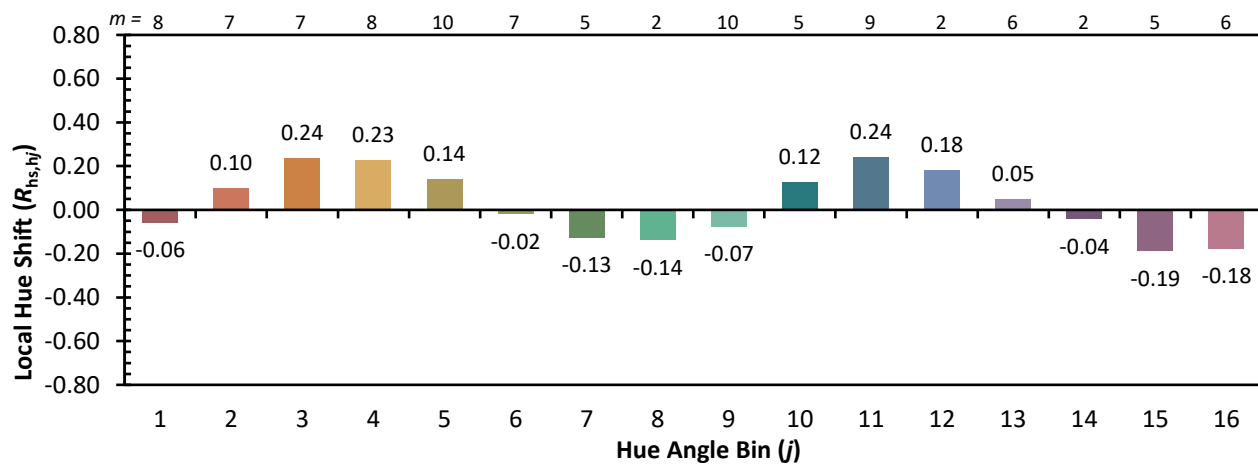
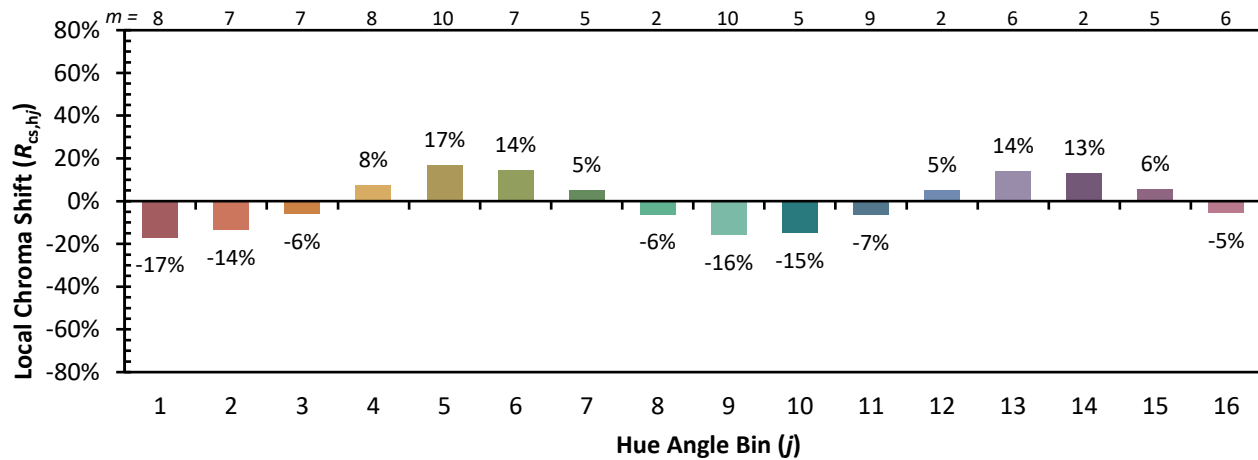


Individual Sample Fidelity Index ($R_{f,i}$)

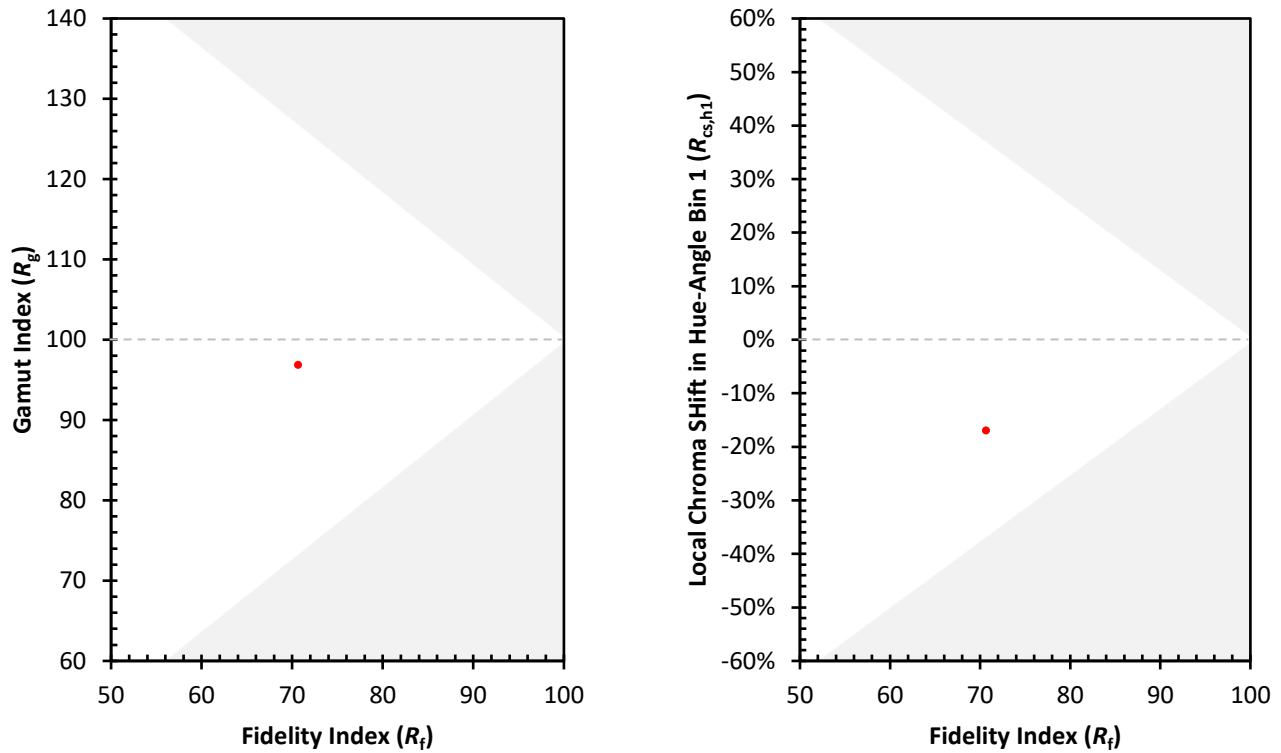
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)