

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: P1047841

Luminaire Tested: **GALN-SA1A-760-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047841
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-760-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3656.1 lumens
Efficiency: N/A
Efficacy: 126.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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

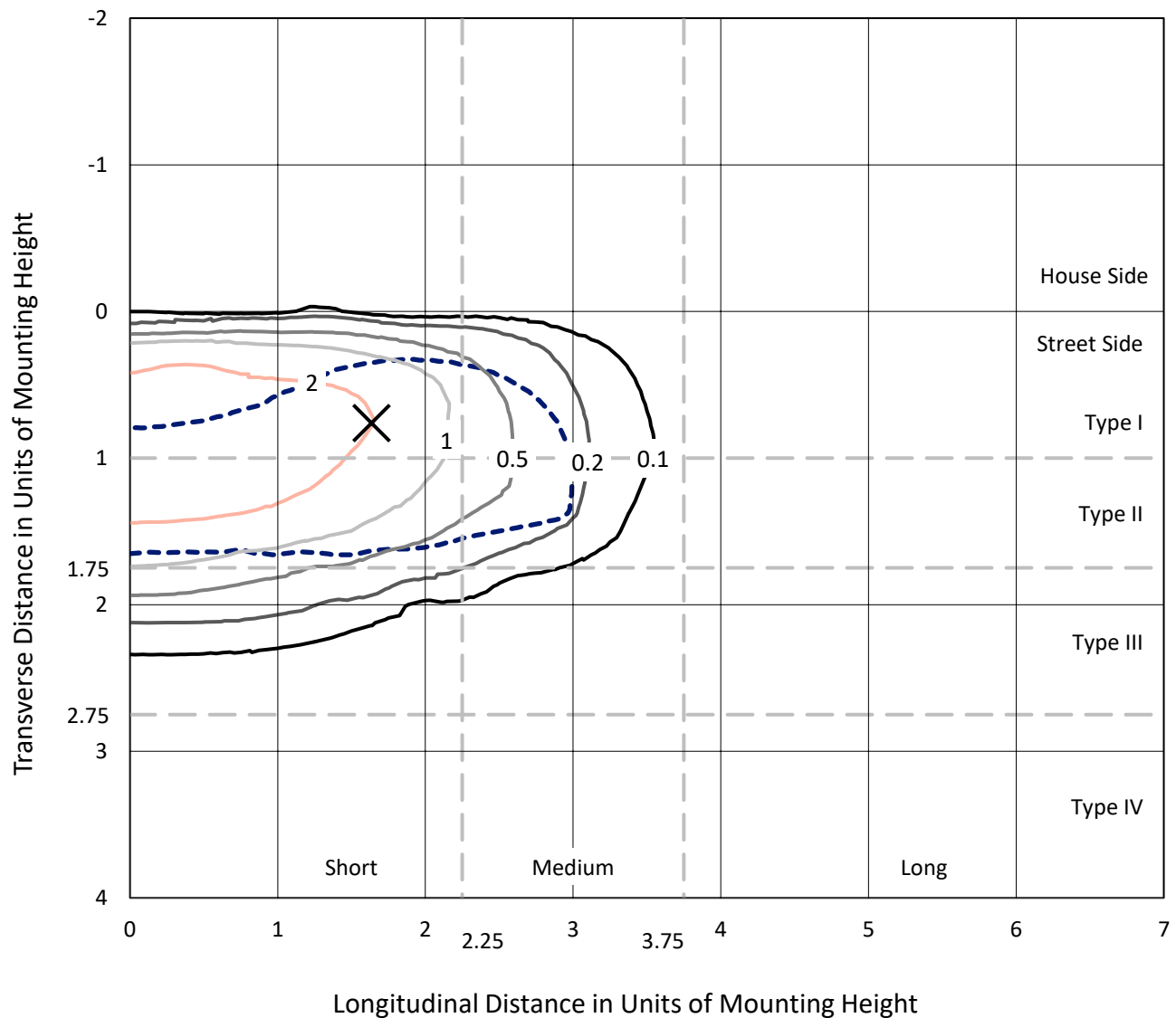


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CATALOG NUMBER: GALN-SA1A-760-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

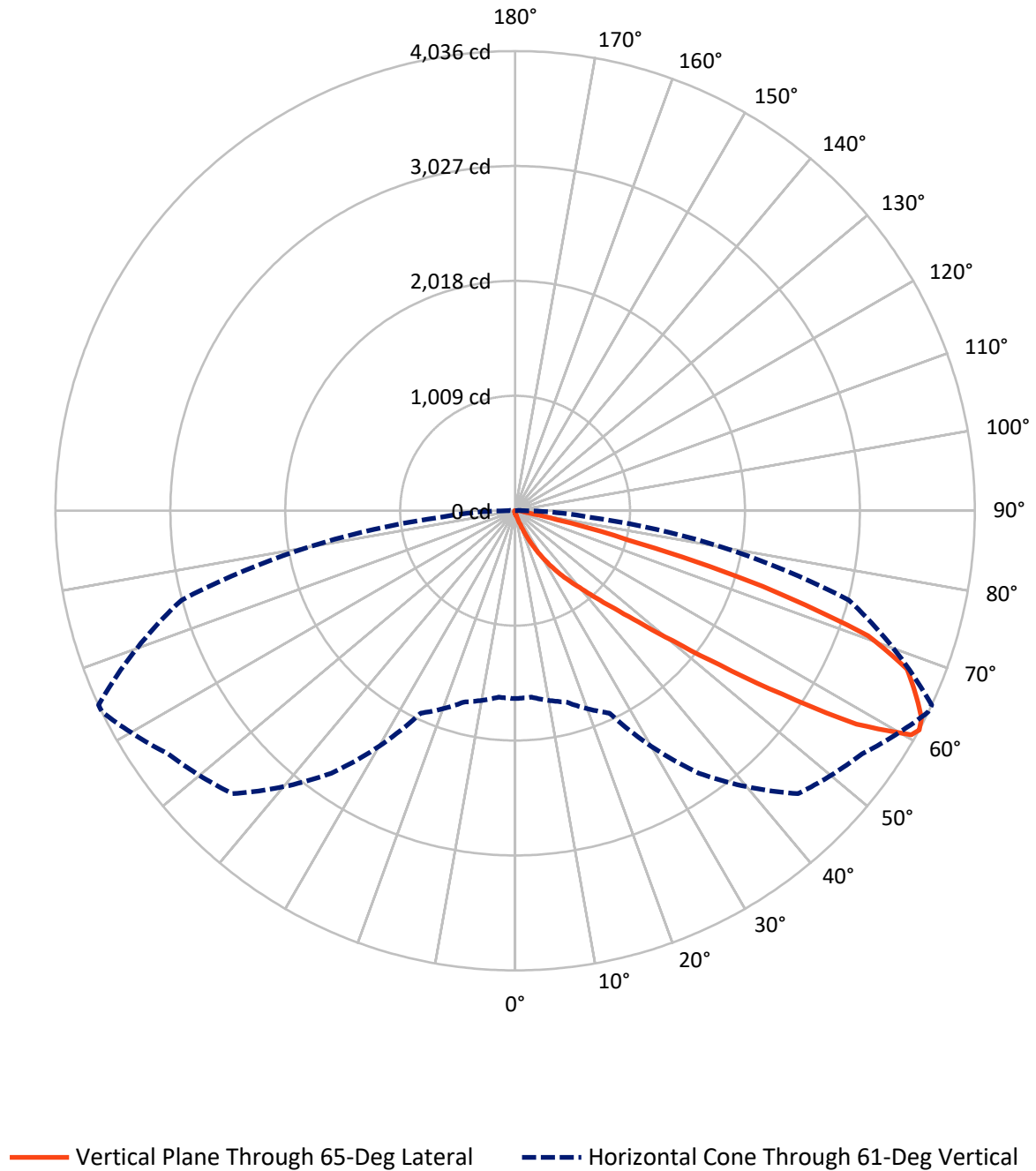


Based on 15 foot mounting height. Maximum calculated value = 4.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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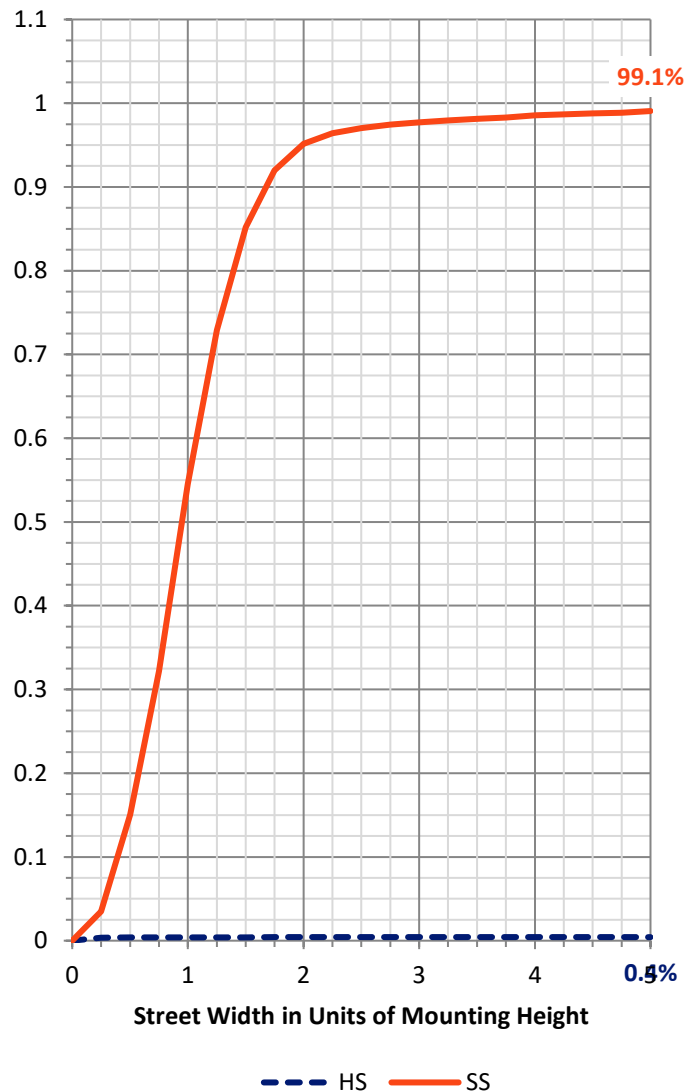
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.6	0.0	15.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3640.5	0.0	3640.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	3656.1	0.0	3656.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	30.1	0.8
20°-30°	107.9	3.0
30°-40°	287.3	7.9
40°-50°	754.6	20.6
50°-60°	1169.1	32.0
60°-70°	980.2	26.8
70°-80°	288.5	7.9
80°-90°	35.6	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°	3656.1	100.0
0°-180°	3656.1	100.0



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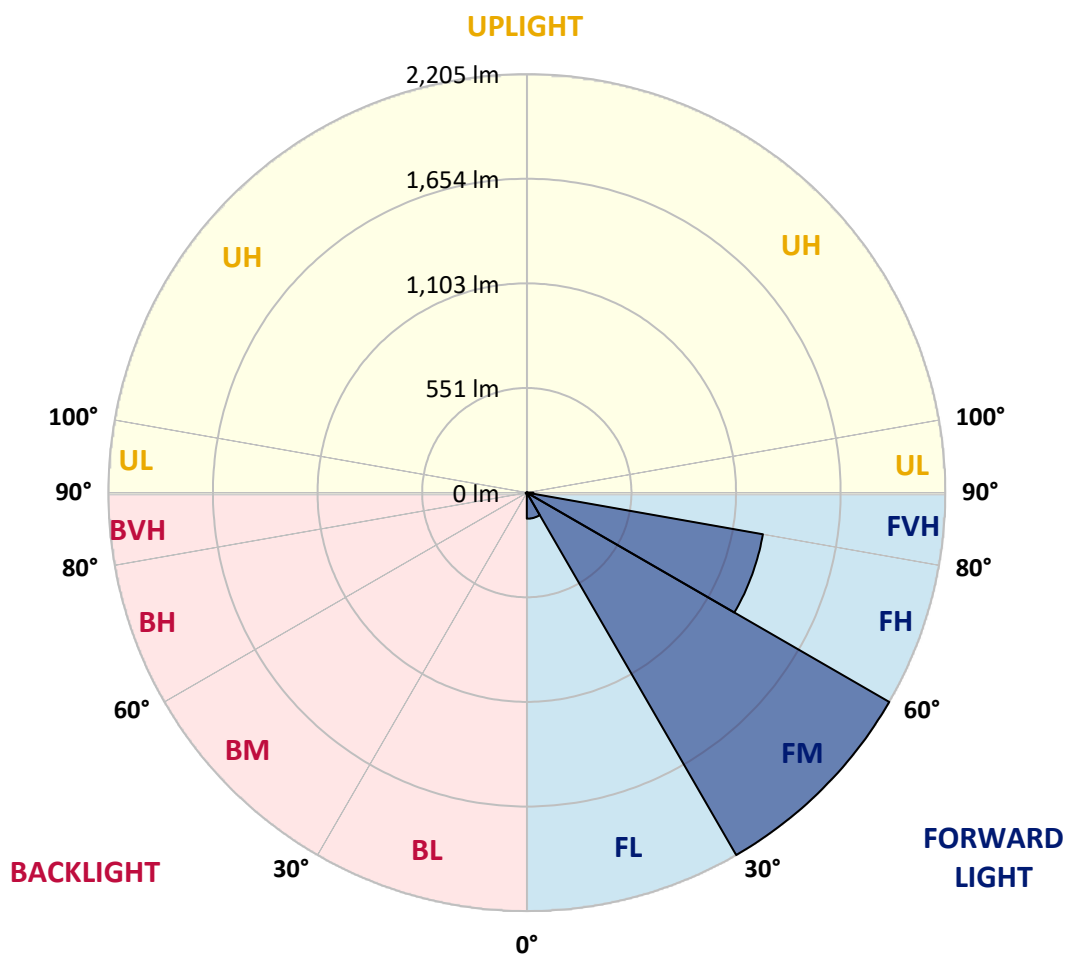
CATALOG NUMBER: GALN-SA1A-760-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	137.3	3.8			
FM	(30°-60°)	2205.0	60.3			
FH	(60°-80°)	1263.2	34.6			G1/1800
FVH	(80°-90°)	34.9	1.0			G1/100
BL	(0°-30°)	3.5	0.1	B0/110		
BM	(30°-60°)	5.9	0.2	B0/220		
BH	(60°-80°)	5.5	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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-G1

Type II Short



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CATALOG NUMBER: GALN-SA1A-760-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2.5°	27.2	27.4	26.9	25.9	25.1	25.1	24.9	24.1	24.1	23.4	22.9
5°	38.0	37.5	36.5	34.5	32.7	30.9	29.2	27.4	27.2	24.9	23.4
7.5°	62.1	62.6	59.4	53.1	47.8	41.0	34.7	30.9	30.4	26.7	23.6
10°	136.3	132.5	125.0	100.6	82.7	62.4	46.3	36.0	35.5	28.7	24.1
12.5°	248.5	245.5	231.6	206.5	160.5	111.7	67.7	44.5	43.0	30.4	24.4
15°	358.1	353.4	345.8	320.4	266.6	200.2	110.7	60.9	56.8	32.9	24.1
17.5°	428.0	428.8	422.0	411.2	376.5	296.3	191.1	90.8	83.0	37.5	23.6
20°	489.2	487.4	491.2	485.4	461.0	402.6	278.2	143.9	130.5	44.8	23.9
22.5°	559.6	563.9	566.6	565.4	538.5	488.7	377.0	215.3	198.4	58.1	24.6
25°	653.9	653.4	653.6	650.4	624.2	568.9	476.1	304.1	287.0	79.7	26.4
27.5°	752.7	755.8	757.0	745.2	711.0	656.7	567.9	401.1	381.0	114.4	28.7
30°	887.8	885.3	879.5	855.3	813.8	746.4	658.4	503.0	481.9	163.0	32.2
32.5°	1069.9	1067.1	1037.9	984.6	922.5	840.0	749.5	605.1	579.5	223.6	37.0
35°	1369.9	1374.2	1302.5	1164.4	1053.0	952.4	850.3	706.7	684.1	298.3	43.5
37.5°	1829.4	1806.0	1708.7	1464.7	1224.8	1092.8	946.6	809.3	789.7	390.3	52.1
40°	2275.8	2252.7	2224.5	1993.4	1523.3	1247.4	1081.4	929.8	904.4	494.2	64.6
42.5°	2745.1	2732.3	2731.0	2556.7	2068.1	1490.6	1243.7	1070.9	1049.2	608.1	85.3
45°	3077.6	3064.8	3091.7	3122.1	2810.0	2011.7	1526.1	1254.2	1222.8	746.4	118.2
47.5°	3122.3	3122.8	3194.8	3290.1	3361.3	2817.8	1902.3	1497.2	1458.9	944.4	173.5
50°	2973.5	2979.2	3093.7	3264.2	3455.8	3494.1	2565.8	1849.8	1793.2	1179.0	252.0
52.5°	2690.0	2696.6	2856.0	3136.4	3368.8	3656.5	3346.9	2311.0	2245.9	1471.8	362.7
55°	2434.7	2438.8	2621.6	2976.0	3263.9	3568.2	3810.7	2926.9	2841.4	1831.9	471.8
57.5°	2182.0	2172.7	2291.6	2697.3	3246.1	3459.9	3879.1	3628.9	3534.5	2225.5	556.8
60°	1844.0	1828.4	1924.0	2182.0	3011.2	3531.0	3751.1	4017.2	3995.8	2773.5	622.5
61°	1649.6	1643.0	1739.1	1960.4	2813.5	3512.9	3720.4	4033.5	4035.8	3032.8	651.9
62.5°	1178.0	1196.6	1343.5	1631.2	2356.5	3395.5	3724.4	3983.0	4005.4	3377.4	728.1
65°	523.6	553.5	667.7	901.9	1370.4	2824.6	3688.7	3872.1	3861.0	3471.9	990.6
67.5°	310.6	315.1	372.0	511.0	725.8	1519.3	3255.1	3725.4	3710.6	3022.5	1232.6
70°	244.7	247.0	265.1	320.7	421.3	582.0	1857.8	3223.2	3287.8	2450.8	1206.7
72.5°	232.1	231.6	234.1	244.0	265.3	288.7	719.3	2142.5	2274.0	1765.0	1011.8
75°	229.1	228.1	225.6	221.8	192.1	170.0	222.8	947.6	1023.8	1205.9	761.8
77.5°	222.3	222.6	223.1	212.8	164.7	120.2	107.9	304.1	374.0	765.3	541.5
80°	150.4	152.7	156.4	152.4	148.1	87.0	76.2	108.1	109.7	429.6	357.6
82.5°	76.2	76.2	74.4	66.4	57.3	56.6	60.6	78.5	79.5	217.3	168.3
85°	46.0	48.5	49.5	45.0	41.2	38.0	46.3	62.4	64.6	84.3	39.2
87.5°	10.3	10.6	11.6	15.3	22.4	30.4	43.0	57.1	58.1	54.1	4.8
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-SA1A-760-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2.5°	22.6	22.1	21.9	21.1	20.4	19.6	19.1	18.9	19.1	19.4	19.4
5°	22.4	21.6	20.4	19.1	18.1	17.1	16.1	15.8	15.8	16.1	16.1
7.5°	22.4	21.1	19.4	17.9	16.3	14.8	14.1	13.6	13.8	13.8	13.8
10°	22.4	20.9	18.6	16.3	14.6	12.8	11.6	11.1	11.1	11.1	11.1
12.5°	22.1	20.6	17.9	15.1	12.6	10.6	9.1	8.3	8.6	8.6	8.6
15°	21.6	19.9	16.9	12.8	10.1	8.0	6.5	5.8	6.0	6.5	6.8
17.5°	20.9	19.1	15.1	10.8	8.0	6.0	4.5	4.0	4.3	5.0	5.0
20°	20.6	18.4	13.3	8.8	6.0	4.3	3.0	2.5	2.8	3.8	4.0
22.5°	20.6	17.9	12.1	7.3	4.5	2.8	1.8	1.0	1.0	1.8	1.8
25°	20.9	17.6	11.1	6.0	3.3	2.0	1.0	0.5	1.0	2.8	3.3
27.5°	21.4	17.4	10.6	5.0	2.5	1.8	0.8	1.8	3.0	3.0	3.0
30°	21.9	16.9	9.8	4.3	2.3	1.3	1.3	2.5	2.5	3.0	3.3
32.5°	22.6	16.6	9.3	3.8	1.8	1.0	1.8	1.5	1.5	1.8	2.0
35°	24.1	16.9	8.8	3.8	1.8	1.3	1.5	0.8	0.5	0.5	0.5
37.5°	26.2	17.1	8.0	3.3	1.5	1.5	0.8	0.0	0.0	0.0	0.0
40°	29.4	17.9	7.5	3.0	1.3	1.3	0.3	0.0	0.0	0.0	0.0
42.5°	35.0	19.4	7.3	2.8	1.3	1.0	0.0	0.0	0.0	0.0	0.0
45°	46.0	22.9	6.8	2.5	1.3	0.5	0.0	0.0	0.0	0.0	0.0
47.5°	66.1	31.2	6.5	2.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
50°	96.6	42.3	6.3	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	123.2	44.5	4.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	126.3	30.7	3.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	100.6	19.9	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	76.2	15.1	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	73.2	13.6	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	80.7	11.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	131.3	9.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	228.1	8.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	288.2	8.0	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	251.2	7.3	1.5	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	151.2	6.3	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	79.2	4.8	1.5	1.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0
80°	38.5	4.3	1.8	1.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0
82.5°	15.1	3.5	2.0	1.8	1.3	0.8	0.3	0.0	0.0	0.0	0.0
85°	6.8	3.0	2.3	2.0	1.8	1.0	0.3	0.0	0.0	0.0	0.0
87.5°	3.5	2.8	2.5	2.3	1.8	1.3	0.5	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

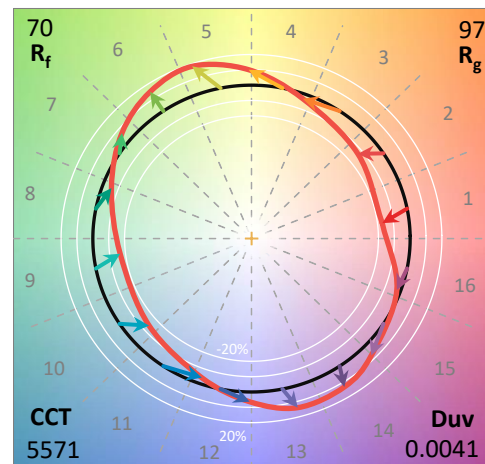
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

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

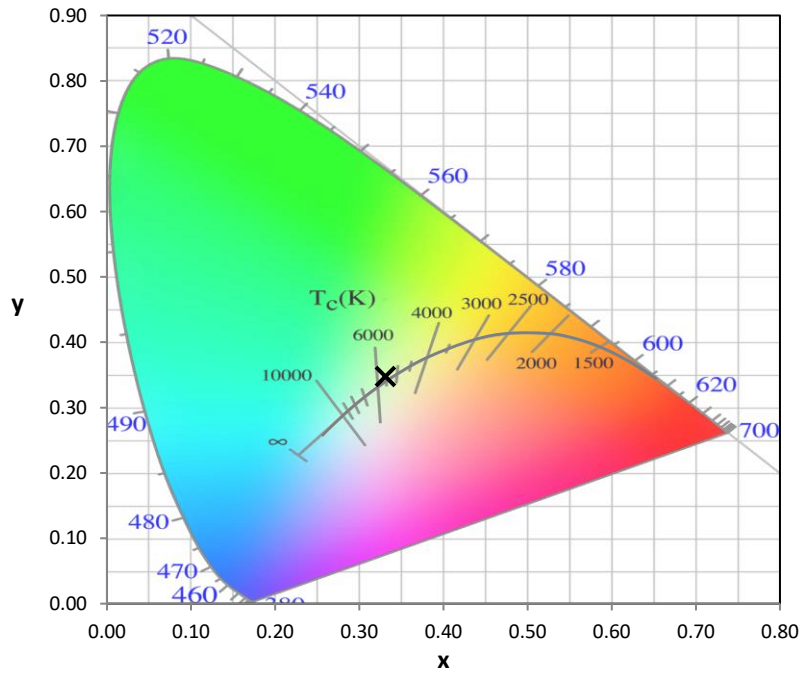
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

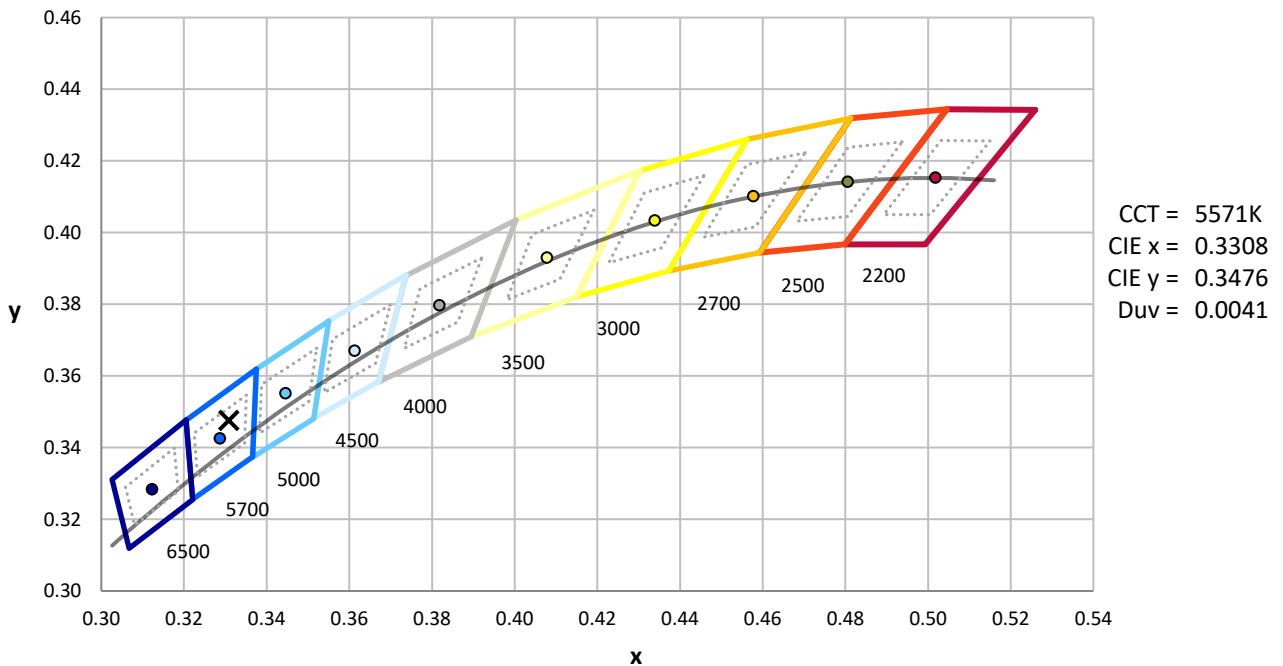
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



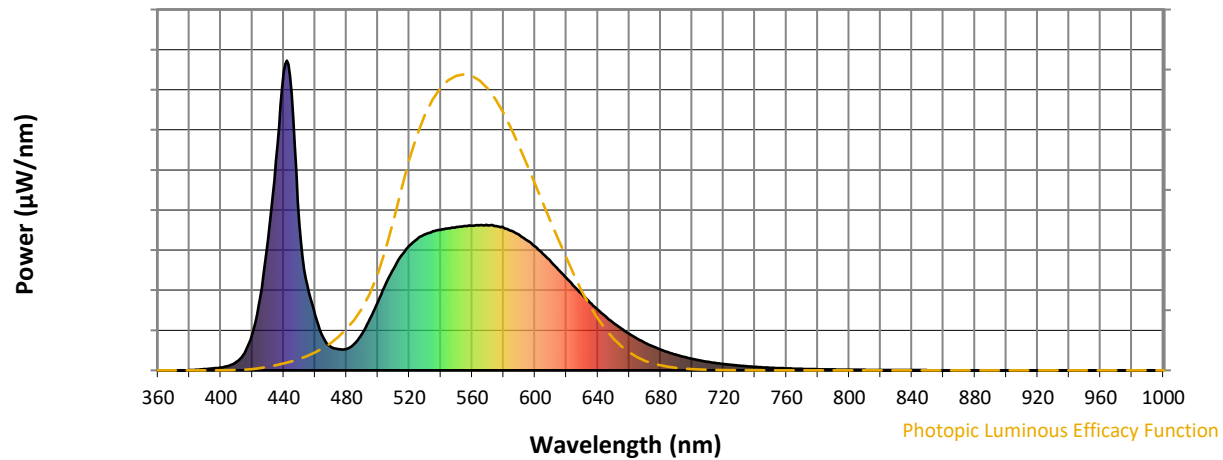
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

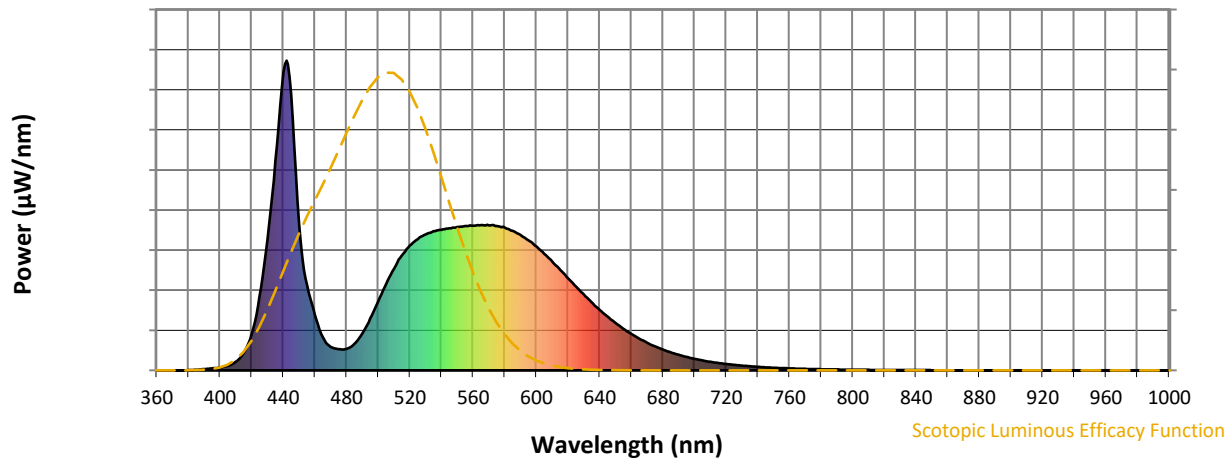


Photopic Lumens: NR

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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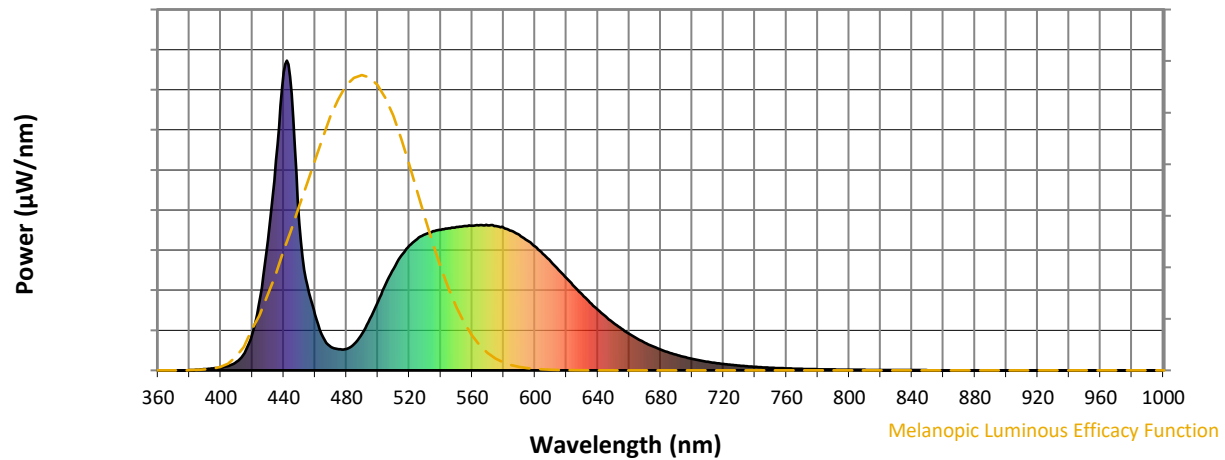
Scotopic Flux vs. Wavelength


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

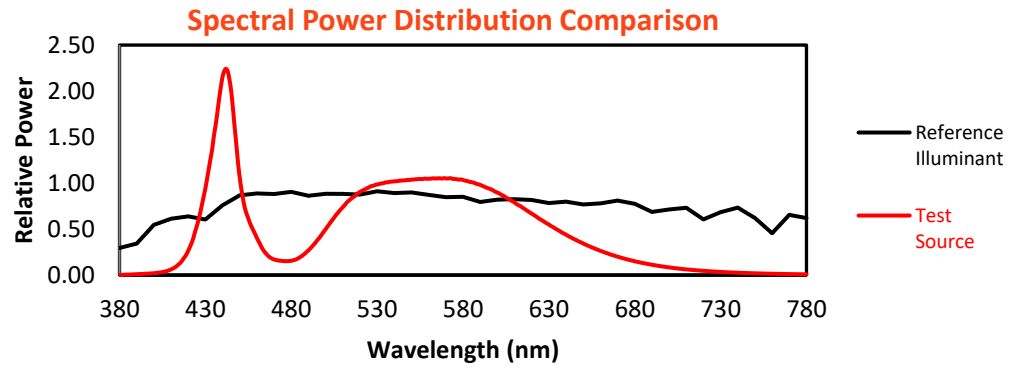
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298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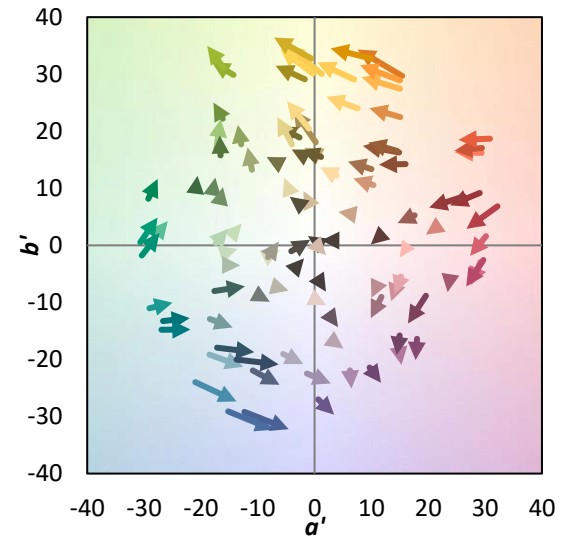
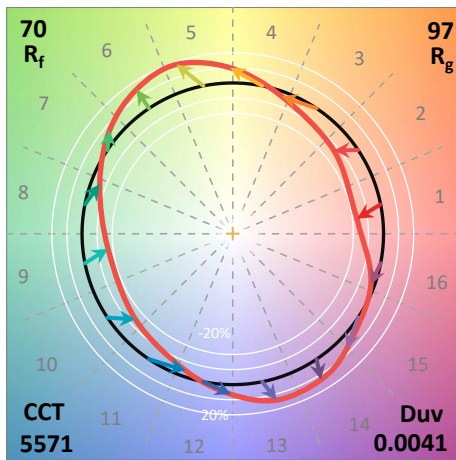
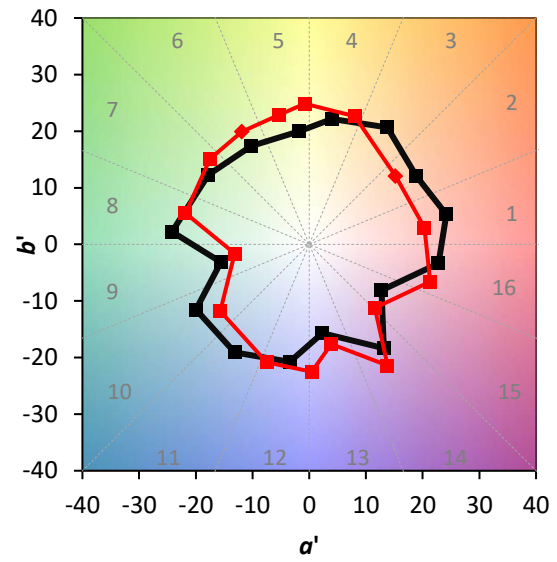
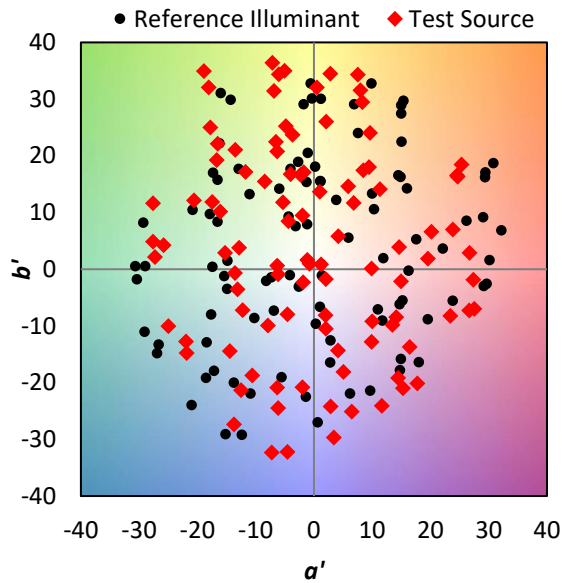
TM-30-18

Summary

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

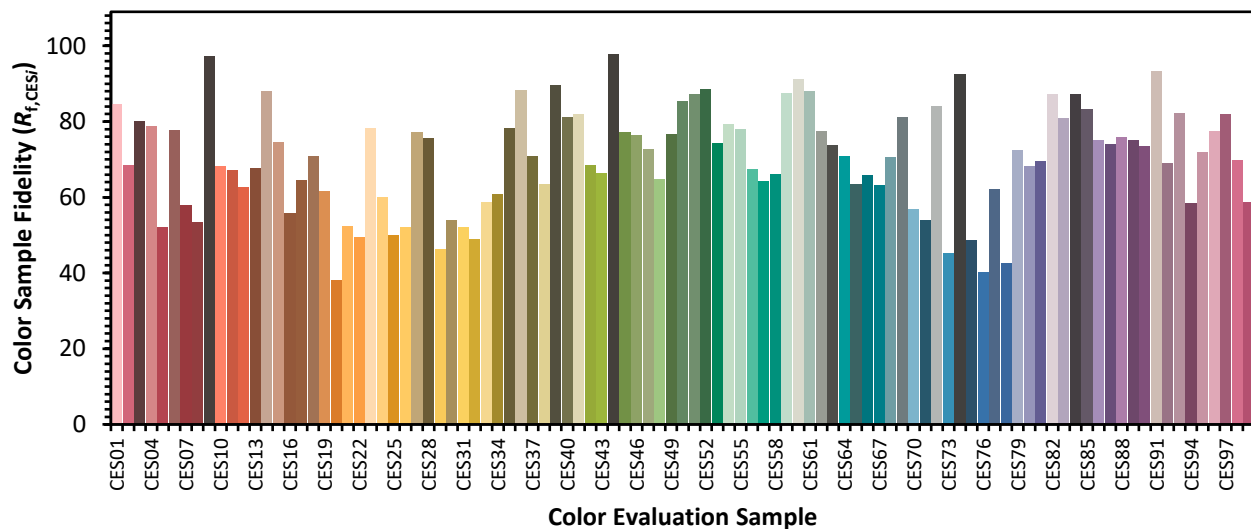


Color Vector Graphics

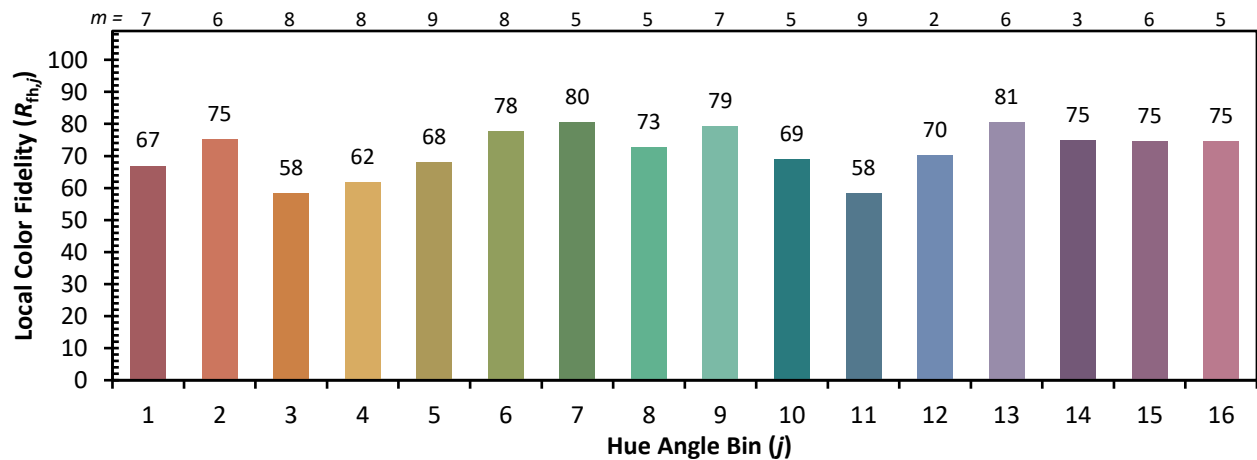
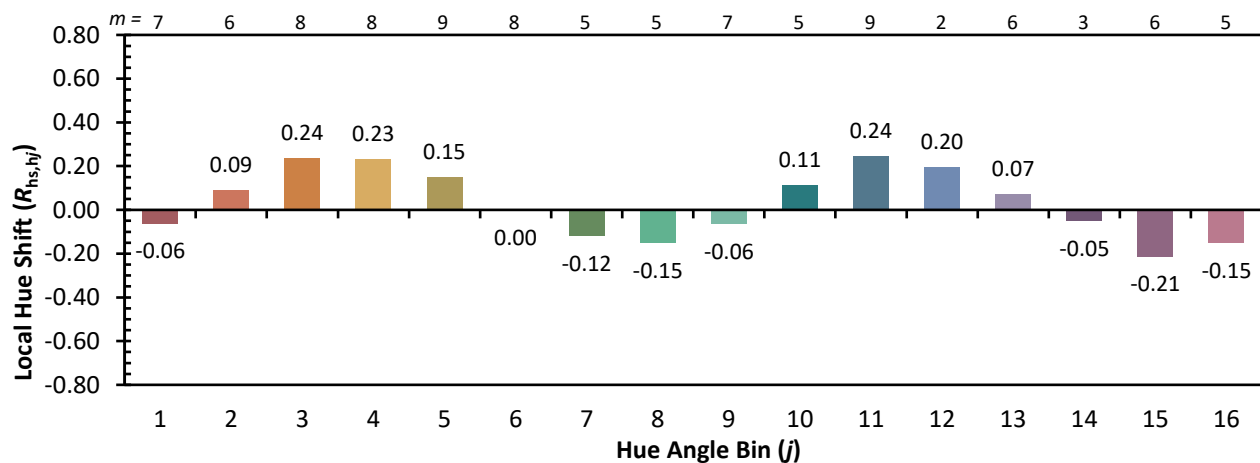
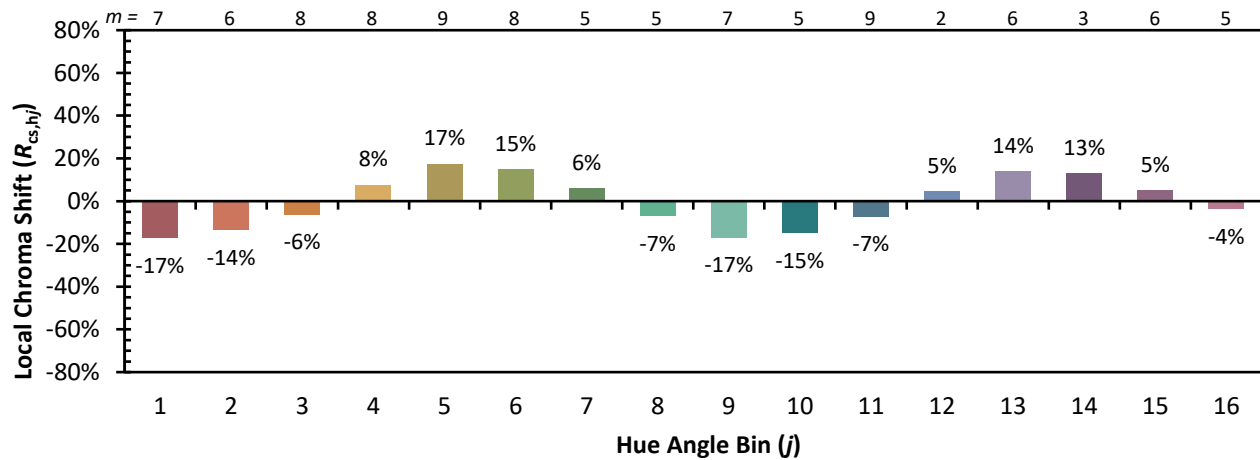


Individual Sample Fidelity Index ($R_{f,i}$)

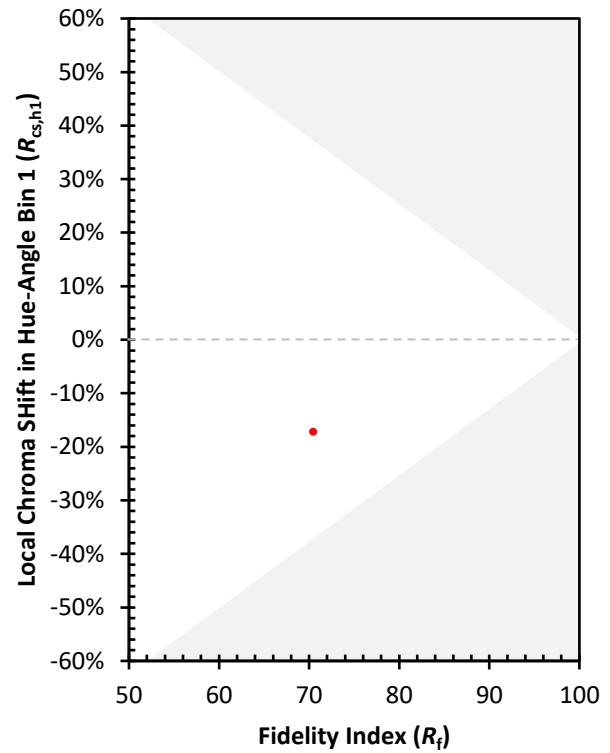
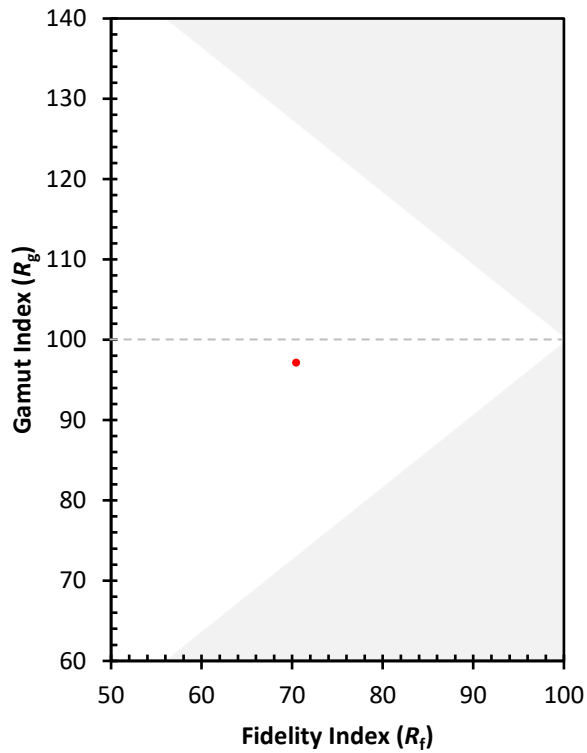
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82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