

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: P1048659

Luminaire Tested: **GALN-SA7C-850-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048659
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-850-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35715.3 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 330
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



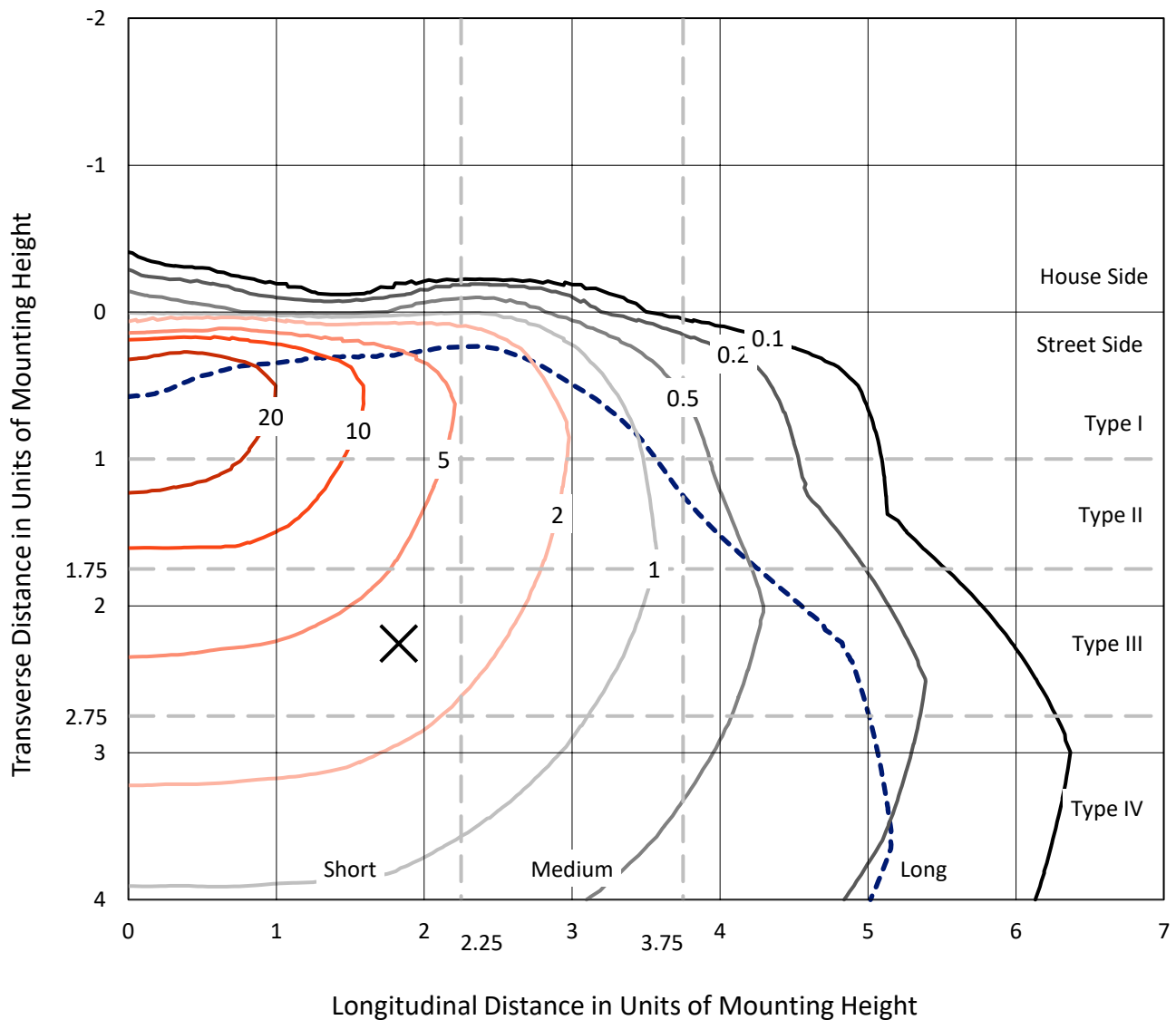
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CATALOG NUMBER: GALN-SA7C-850-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

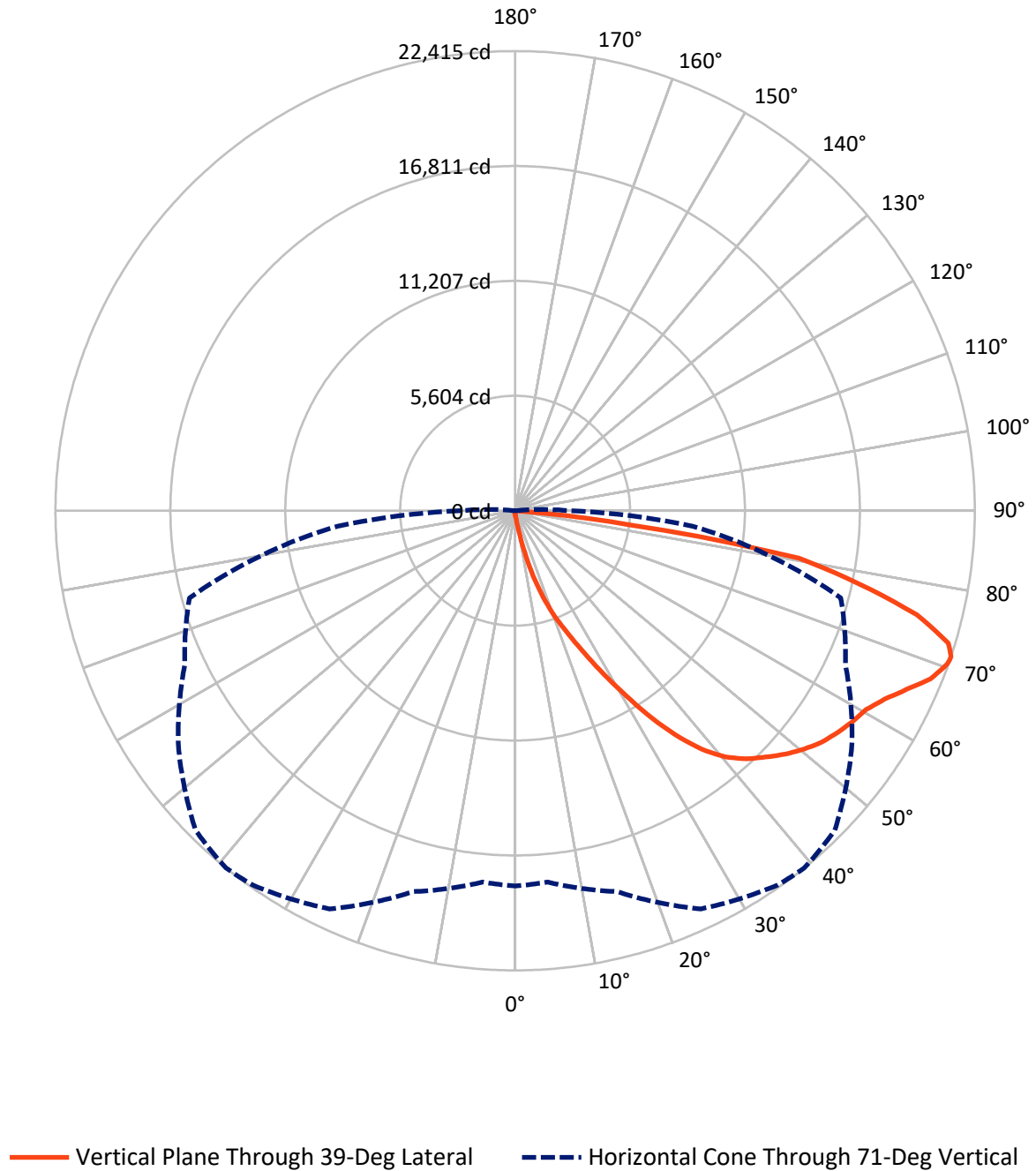


Based on 15 foot mounting height. Maximum calculated value = 36.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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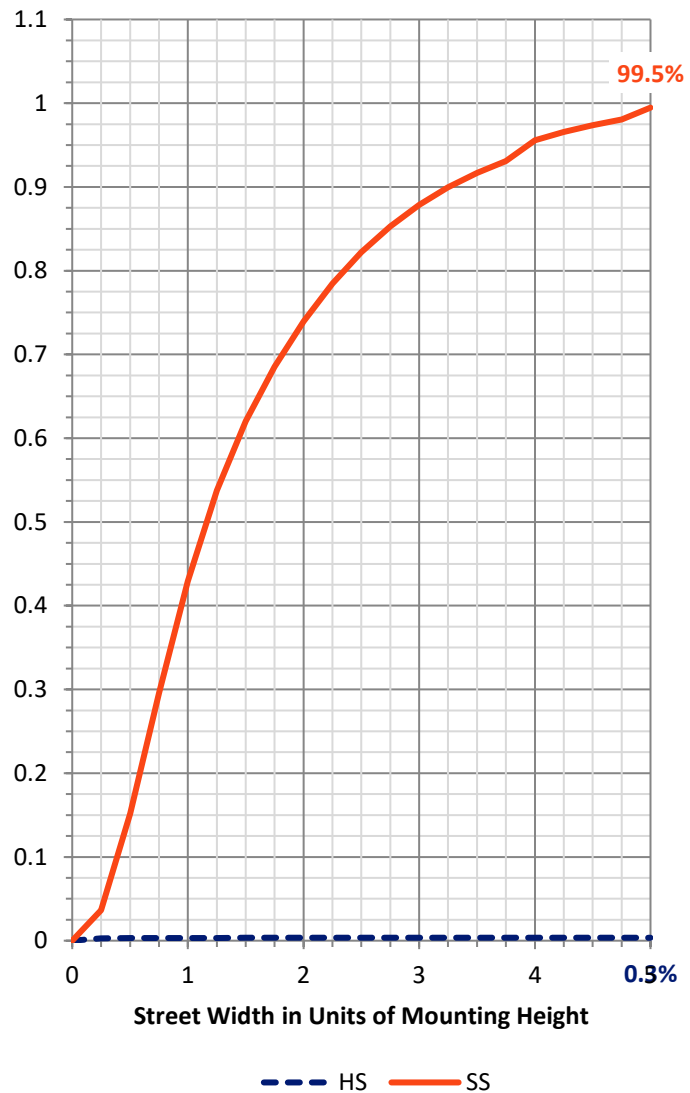
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	126.9	0.0	126.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35588.4	0.0	35588.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	35715.3	0.0	35715.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.8	0.1
10°-20°	381.7	1.1
20°-30°	1359.4	3.8
30°-40°	3276.3	9.2
40°-50°	5483.2	15.4
50°-60°	7042.5	19.7
60°-70°	8912.3	25.0
70°-80°	7945.7	22.2
80°-90°	1284.4	3.6
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°	35715.3	100.0
0°-180°	35715.3	100.0



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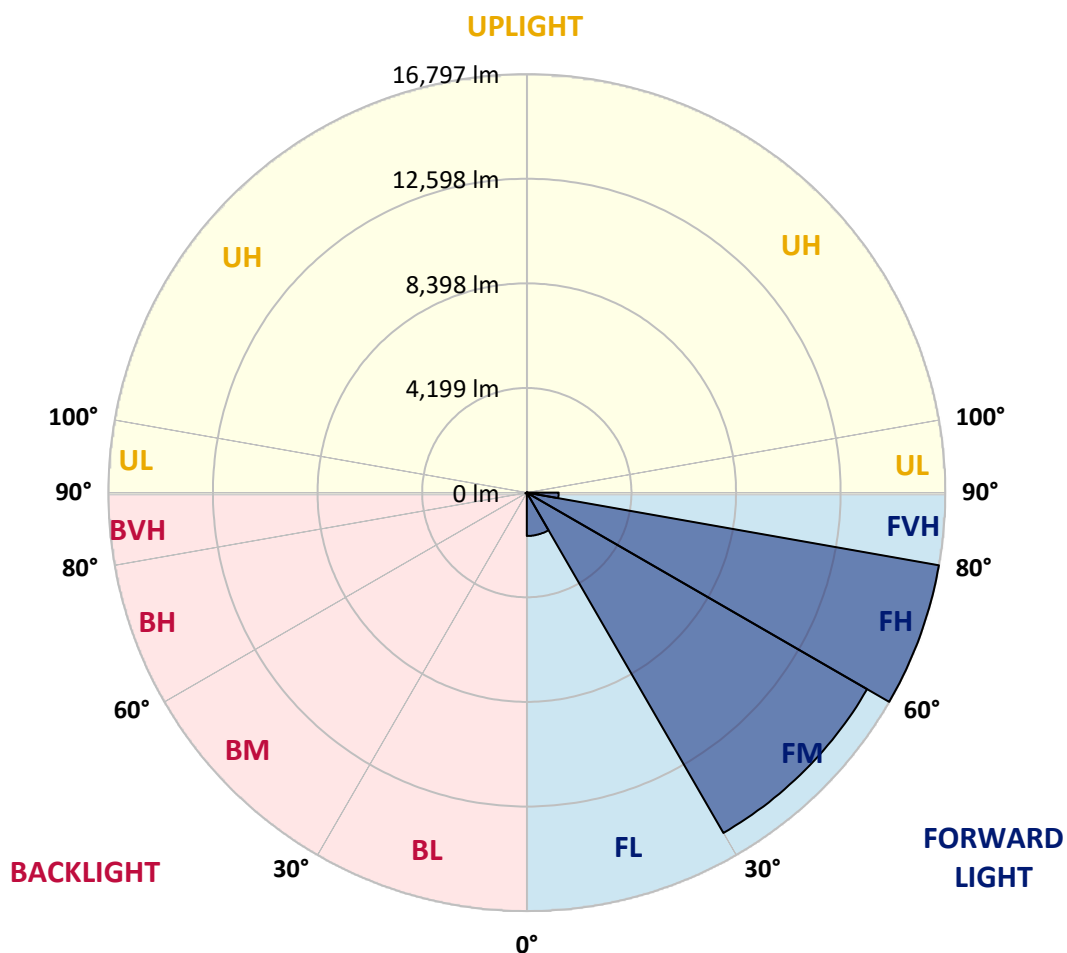
CATALOG NUMBER: GALN-SA7C-850-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1740.3	4.9			
FM	(30°-60°)	15772.6	44.2			
FH	(60°-80°)	16796.9	47.0			G5
FVH	(80°-90°)	1278.6	3.6			G5
BL	(0°-30°)	30.7	0.1	B0/110		
BM	(30°-60°)	29.4	0.1	B0/220		
BH	(60°-80°)	61.0	0.2	B0/110		G0/110
BVH	(80°-90°)	5.8	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-G5

Type IV Short



REPORT NUMBER: P1048659

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	195.8	195.8	195.8	195.8	195.8	195.8	195.8	195.8	195.8	195.8	195.8
2.5°	224.8	224.8	224.8	217.6	217.6	215.2	212.8	212.8	207.9	205.5	200.7
5°	340.9	333.6	316.7	307.1	287.7	275.6	263.5	246.6	229.7	217.6	203.1
7.5°	771.3	788.2	732.6	628.6	522.2	476.3	398.9	321.6	266.0	229.7	205.5
10°	1965.6	1955.9	1767.4	1559.4	1204.0	1061.4	831.7	524.6	343.3	251.4	207.9
12.5°	3343.7	3334.1	3111.6	2828.7	2359.7	2062.3	1627.1	979.2	493.2	285.3	207.9
15°	4501.8	4463.1	4393.0	4112.6	3563.7	3314.7	2739.3	1731.1	797.9	343.3	212.8
17.5°	5268.2	5234.4	5169.1	5067.6	4719.4	4424.5	3962.7	2720.0	1291.1	444.9	222.4
20°	5971.8	5947.6	5894.4	5875.1	5650.2	5493.1	5111.1	3856.3	2011.6	604.4	236.9
22.5°	6938.9	6888.1	6909.9	6793.8	6573.8	6385.2	6150.7	5045.8	2891.6	870.4	263.5
25°	8123.6	8099.4	8039.0	7956.8	7652.1	7487.7	7127.5	6167.6	3875.6	1218.5	292.5
27.5°	9554.9	9528.3	9513.8	9325.2	8974.6	8795.7	8292.8	7226.6	4982.9	1706.9	331.2
30°	11203.8	11215.9	11121.6	10879.8	10471.2	10219.8	9702.4	8336.3	6116.9	2279.9	372.3
32.5°	12910.7	12886.5	12741.5	12456.2	12091.1	11856.6	11198.9	9552.5	7306.4	3036.7	420.7
35°	14750.6	14704.7	14322.7	13996.3	13684.4	13389.4	12789.8	10964.4	8495.9	3885.3	486.0
37.5°	16607.4	16392.2	15625.8	15212.4	14997.2	14755.4	14196.9	12470.7	9678.2	4833.1	565.7
40°	18009.7	17842.9	16933.8	16172.2	16000.6	15795.1	15379.2	13771.4	10935.4	5850.9	662.5
42.5°	18785.8	18693.9	17876.7	17124.8	16721.0	16539.7	16184.3	14907.7	12178.1	6975.2	802.7
45°	19117.0	18974.4	18428.0	18077.4	17434.3	17134.5	16711.4	15766.0	13476.4	8251.7	998.5
47.5°	19015.5	18933.3	18541.6	18669.7	18203.1	17736.5	17115.1	16423.7	14586.2	9716.9	1266.9
50°	18377.2	18307.1	18186.2	18880.1	18822.1	18270.8	17637.4	16943.5	15492.8	11228.0	1682.7
52.5°	17163.5	17134.5	17444.0	18715.7	19172.6	18742.3	18140.3	17402.8	16339.0	12806.7	2277.5
55°	15599.2	15717.7	16602.6	18459.4	19351.5	19090.4	18585.1	17833.2	17018.4	14218.7	3155.1
57.5°	14956.1	14987.5	16092.4	18278.1	19431.3	19397.5	19017.9	18244.2	17642.2	15347.8	4494.6
60°	15708.0	15659.7	16242.3	18415.9	19590.9	19673.1	19402.3	18626.2	18183.8	16317.3	6278.9
62.5°	17066.8	17040.2	17226.4	19003.4	20057.5	20224.3	19936.6	18901.8	18662.5	16955.6	8314.6
65°	18280.5	18224.9	18570.6	20045.4	20877.1	20995.6	20744.2	19373.3	18872.8	17419.8	10227.0
67.5°	18805.1	18793.0	19349.1	21036.7	21737.8	21866.0	21646.0	20023.7	18824.5	17567.3	11070.8
70°	18565.8	18519.8	19409.6	21457.4	22223.8	22368.9	22156.1	20265.4	18299.8	17100.6	9820.8
71°	18302.2	18178.9	19228.2	21428.4	22291.5	22414.8	22042.5	20045.4	17772.8	16438.2	8686.9
72.5°	17485.1	17506.8	18730.2	21126.2	22129.5	22093.3	21399.4	19257.3	17136.9	14934.3	6977.6
75°	15473.5	15601.6	17117.6	19856.8	20683.7	20221.9	19160.5	17751.0	15860.3	10708.1	4845.1
77.5°	12644.7	12835.7	14501.6	17414.9	17180.4	17134.5	17091.0	15640.3	13544.1	5751.8	3370.3
80°	6037.1	6450.5	8747.4	12432.0	13505.5	14025.3	13698.9	12603.6	10473.6	2739.3	2014.0
82.5°	394.1	389.3	551.2	1044.5	4402.7	5691.3	9042.3	9008.5	7301.6	1334.6	822.0
85°	186.2	191.0	210.3	239.4	278.0	304.6	420.7	2466.1	3493.6	635.9	178.9
87.5°	108.8	111.2	130.6	166.8	217.6	241.8	287.7	369.9	454.5	350.6	38.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048659

CATALOG NUMBER: GALN-SA7C-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	195.8	195.8	195.8	195.8	195.8	195.8	195.8	195.8	195.8	195.8	195.8
2.5°	198.3	195.8	188.6	181.3	174.1	169.2	166.8	169.2	169.2	171.7	171.7
5°	198.3	191.0	178.9	164.4	154.7	145.1	140.2	137.8	140.2	140.2	140.2
7.5°	195.8	183.7	166.8	149.9	137.8	125.7	120.9	118.5	118.5	120.9	120.9
10°	191.0	178.9	157.2	137.8	123.3	108.8	101.5	94.3	94.3	94.3	96.7
12.5°	188.6	171.7	145.1	125.7	106.4	89.5	74.9	67.7	70.1	70.1	70.1
15°	183.7	164.4	137.8	113.6	89.5	67.7	55.6	48.4	50.8	53.2	50.8
17.5°	183.7	162.0	128.1	99.1	70.1	50.8	41.1	36.3	36.3	38.7	38.7
20°	183.7	157.2	120.9	84.6	53.2	38.7	29.0	26.6	26.6	31.4	33.8
22.5°	188.6	157.2	111.2	70.1	43.5	29.0	21.8	19.3	21.8	26.6	29.0
25°	195.8	154.7	101.5	62.9	36.3	21.8	16.9	12.1	14.5	19.3	21.8
27.5°	203.1	152.3	91.9	55.6	29.0	16.9	12.1	9.7	7.3	9.7	9.7
30°	210.3	152.3	82.2	45.9	24.2	12.1	7.3	4.8	2.4	0.0	0.0
32.5°	215.2	147.5	74.9	36.3	19.3	9.7	4.8	2.4	0.0	0.0	0.0
35°	220.0	142.6	65.3	29.0	14.5	7.3	2.4	0.0	0.0	0.0	0.0
37.5°	224.8	135.4	55.6	24.2	12.1	4.8	0.0	0.0	0.0	0.0	0.0
40°	229.7	125.7	45.9	21.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	234.5	118.5	38.7	16.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	246.6	113.6	31.4	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	268.4	108.8	29.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	299.8	104.0	26.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	343.3	101.5	24.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	420.7	99.1	21.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	553.7	96.7	21.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	848.6	91.9	21.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1515.9	89.5	19.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2642.6	91.9	19.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3788.6	96.7	16.9	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	3242.2	84.6	16.9	9.7	4.8	2.4	0.0	0.0	0.0	0.0	0.0
71°	2642.6	74.9	16.9	9.7	4.8	2.4	2.4	0.0	0.0	0.0	0.0
72.5°	1699.7	58.0	14.5	9.7	4.8	4.8	2.4	0.0	0.0	0.0	0.0
75°	718.1	48.4	14.5	9.7	7.3	4.8	4.8	2.4	0.0	0.0	0.0
77.5°	307.1	36.3	14.5	12.1	9.7	7.3	7.3	4.8	2.4	0.0	0.0
80°	116.1	29.0	16.9	14.5	12.1	12.1	9.7	4.8	2.4	0.0	0.0
82.5°	53.2	24.2	16.9	14.5	14.5	12.1	9.7	7.3	4.8	0.0	0.0
85°	33.8	21.8	16.9	14.5	14.5	12.1	12.1	7.3	4.8	0.0	0.0
87.5°	26.6	21.8	16.9	16.9	14.5	14.5	9.7	7.3	2.4	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

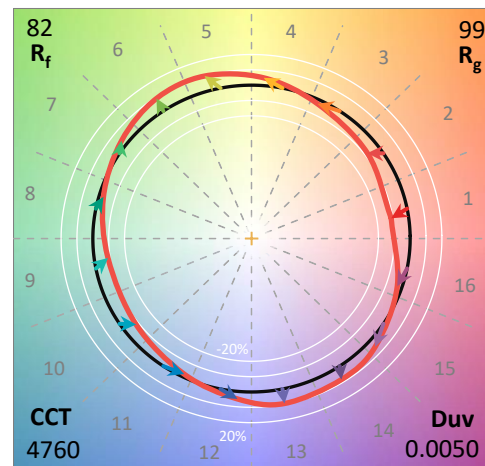
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

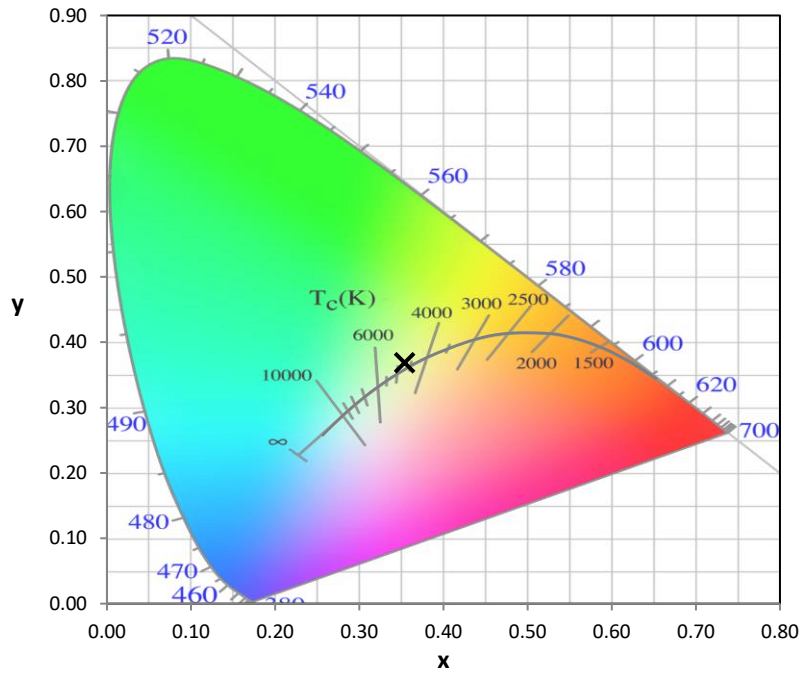
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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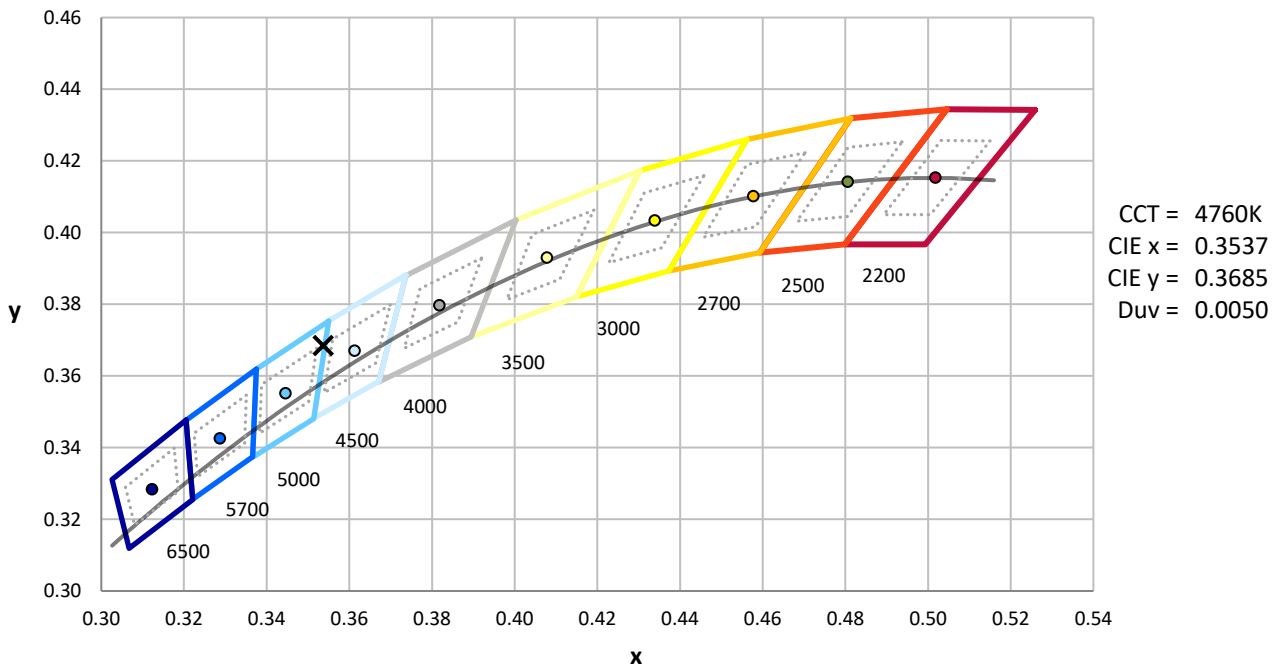
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



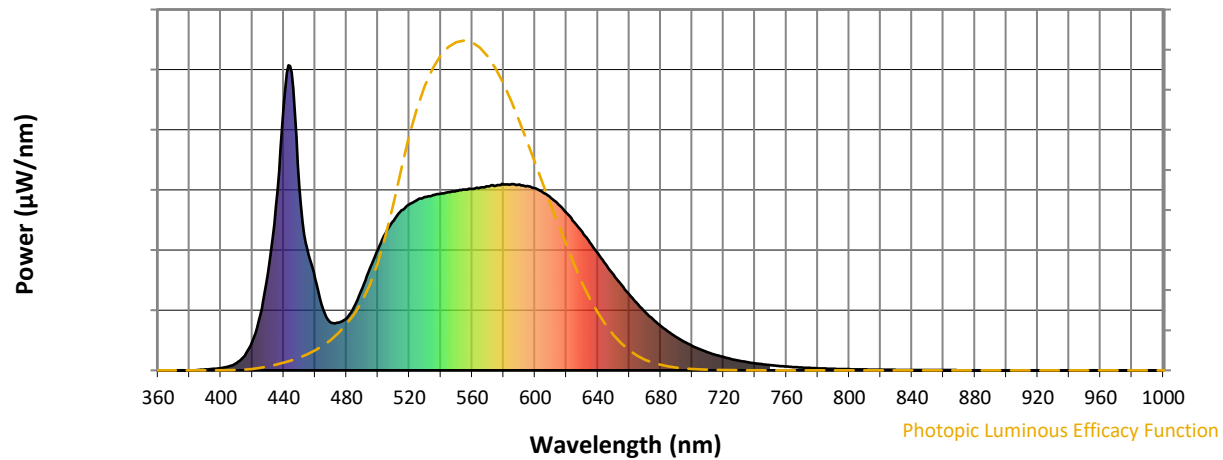
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

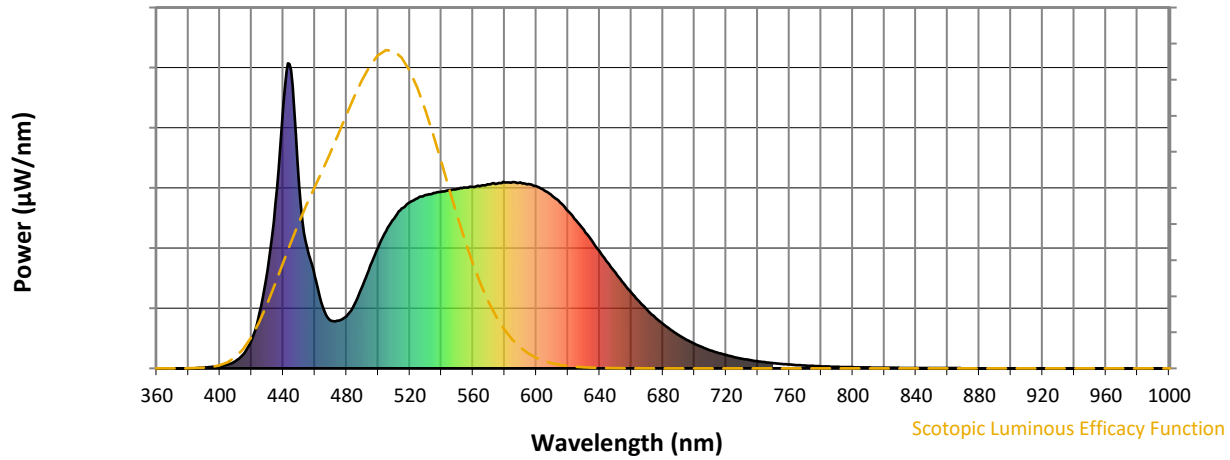


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



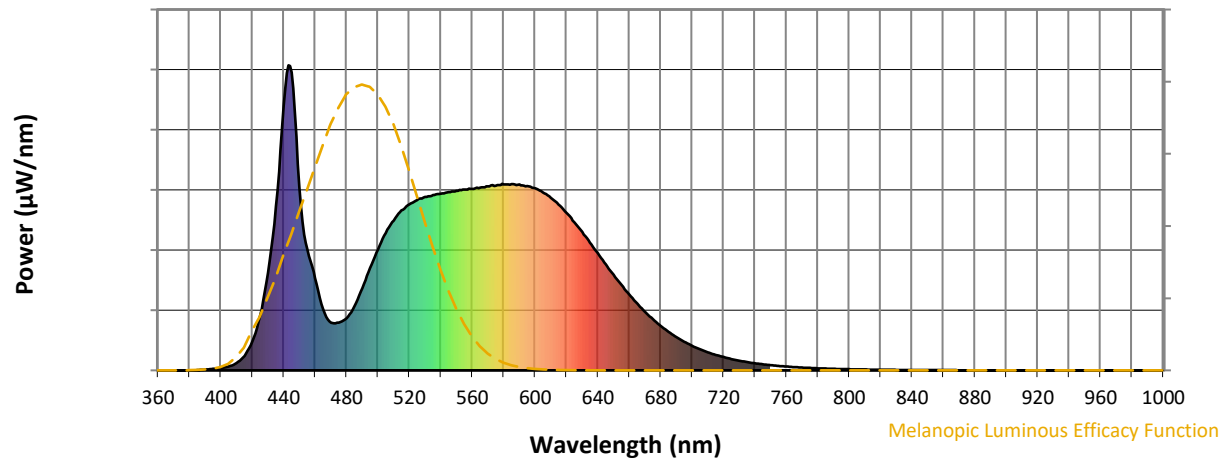
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

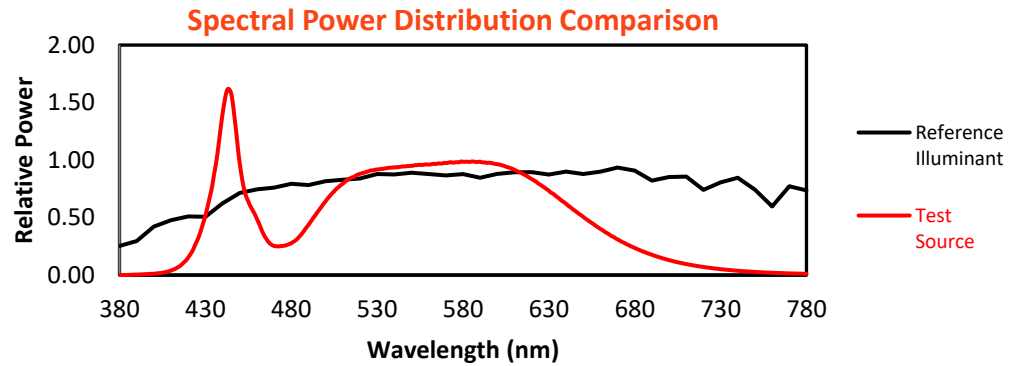
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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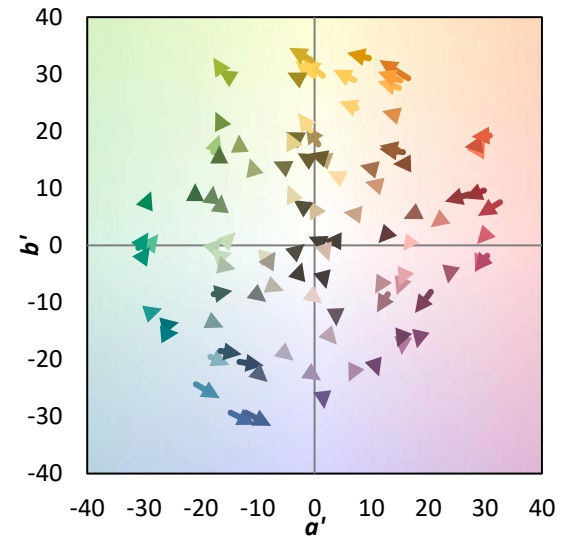
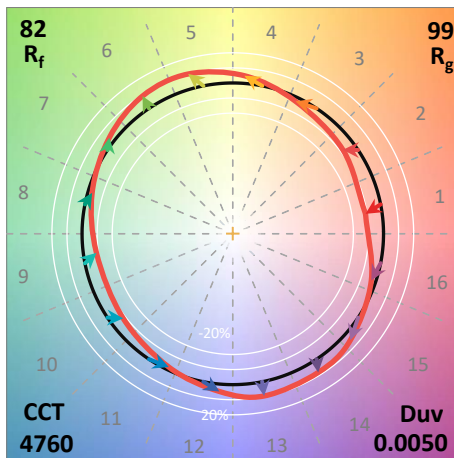
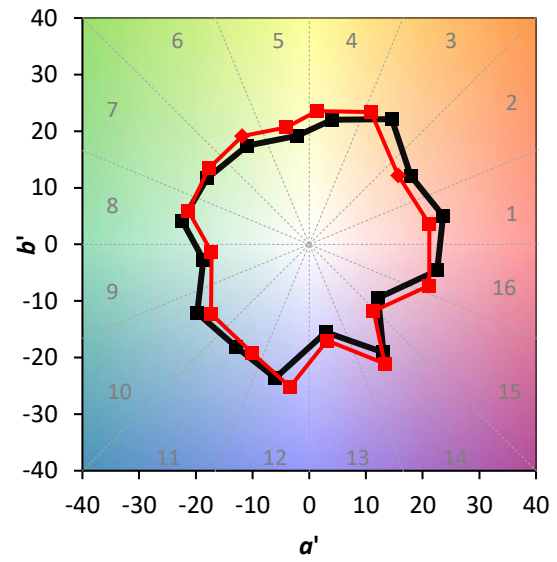
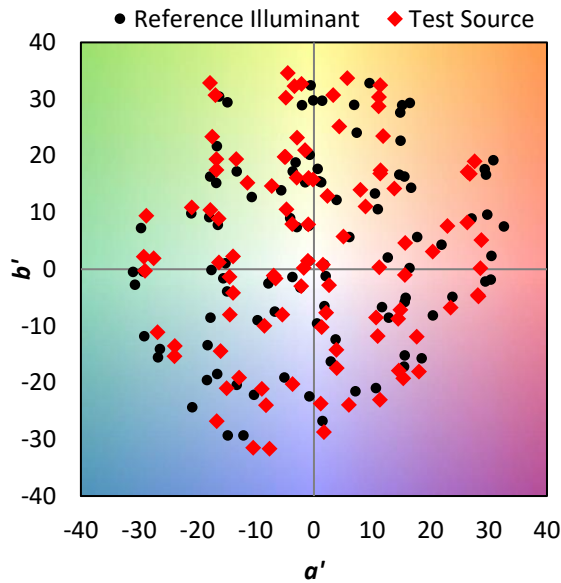
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$

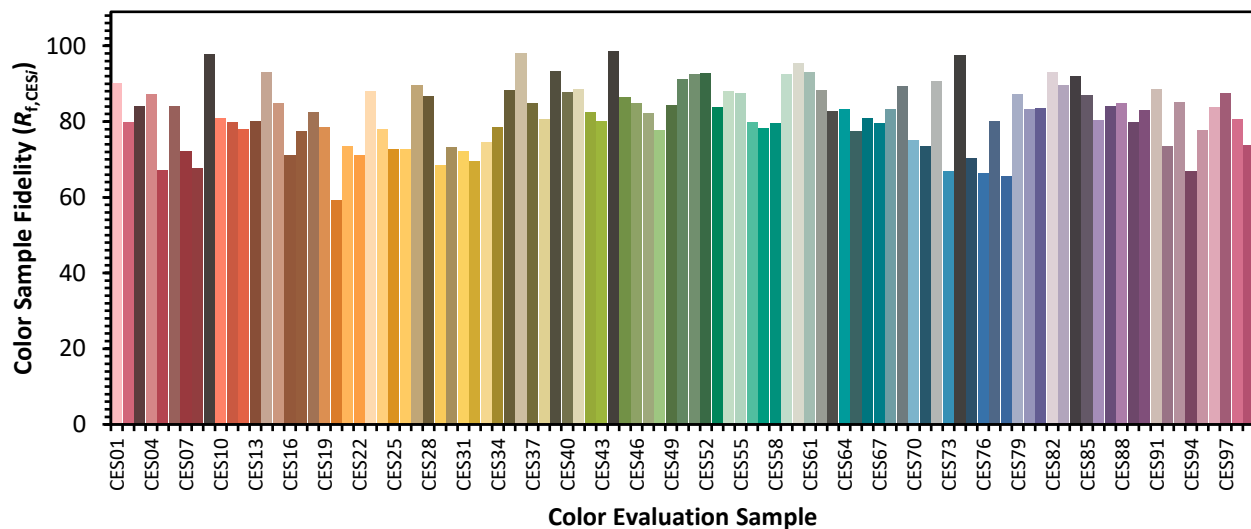


Color Vector Graphics

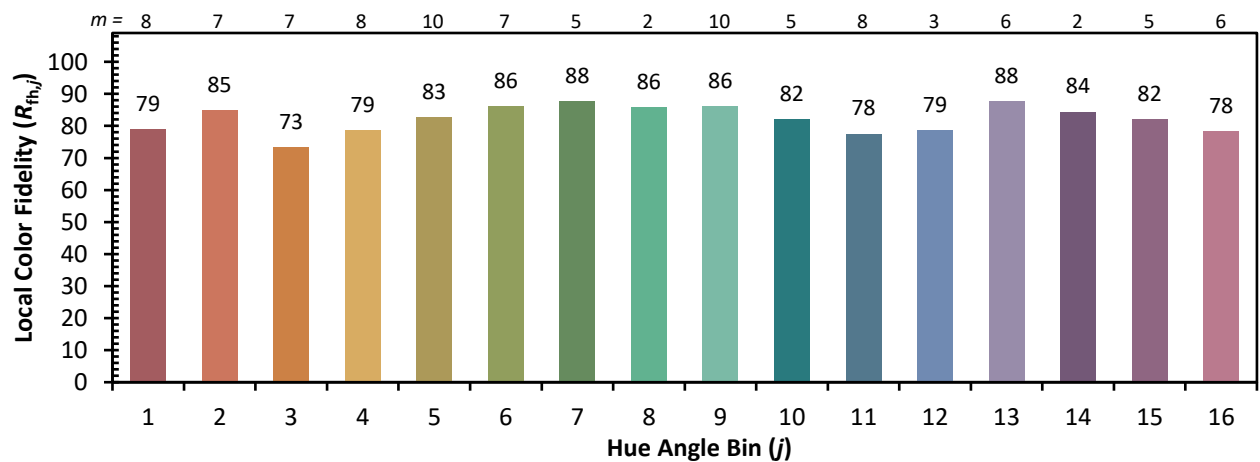
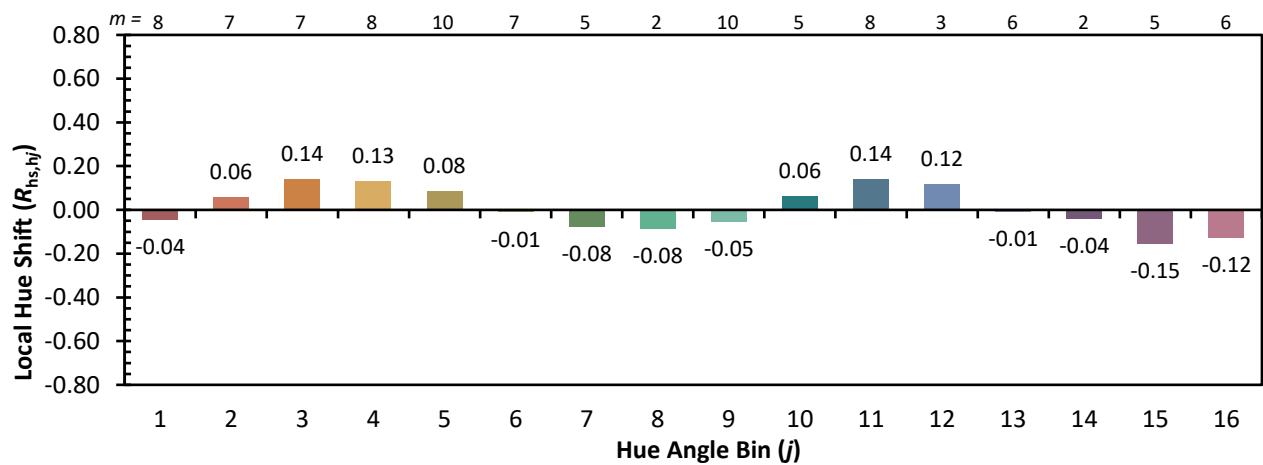
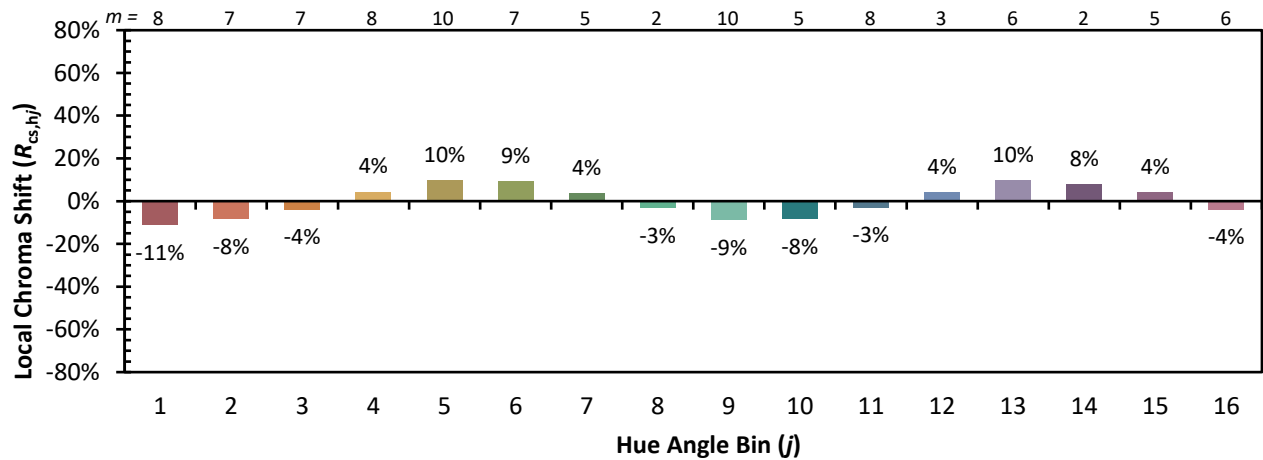


Individual Sample Fidelity Index ($R_{f,i}$)

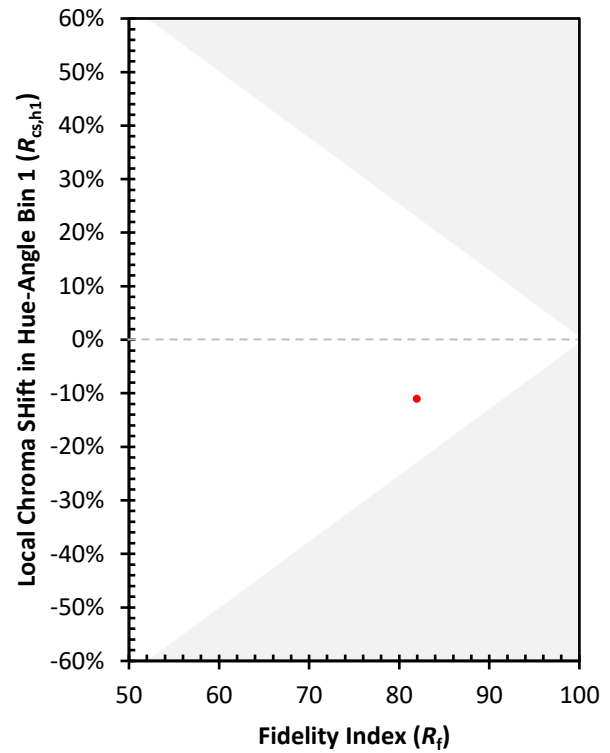
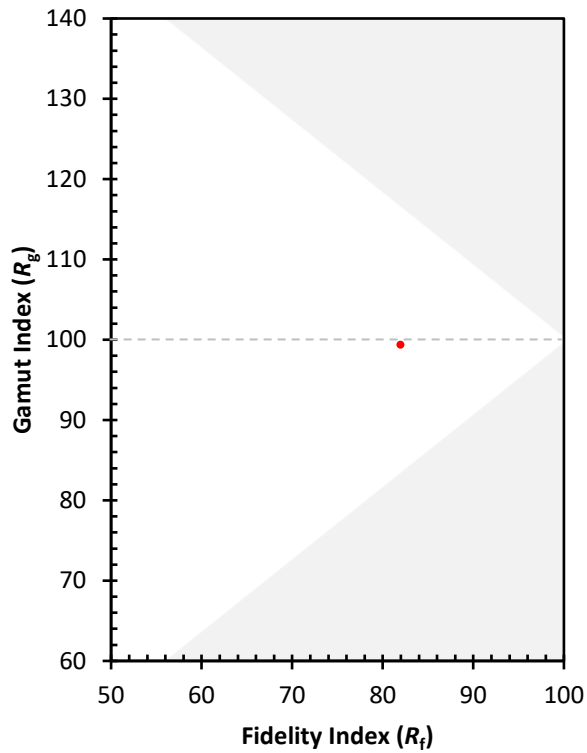
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)