

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: P1047967

Luminaire Tested: **GALN-SA5C-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047967
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24821 lumens
Efficiency: N/A
Efficacy: 105.2 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): 236
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

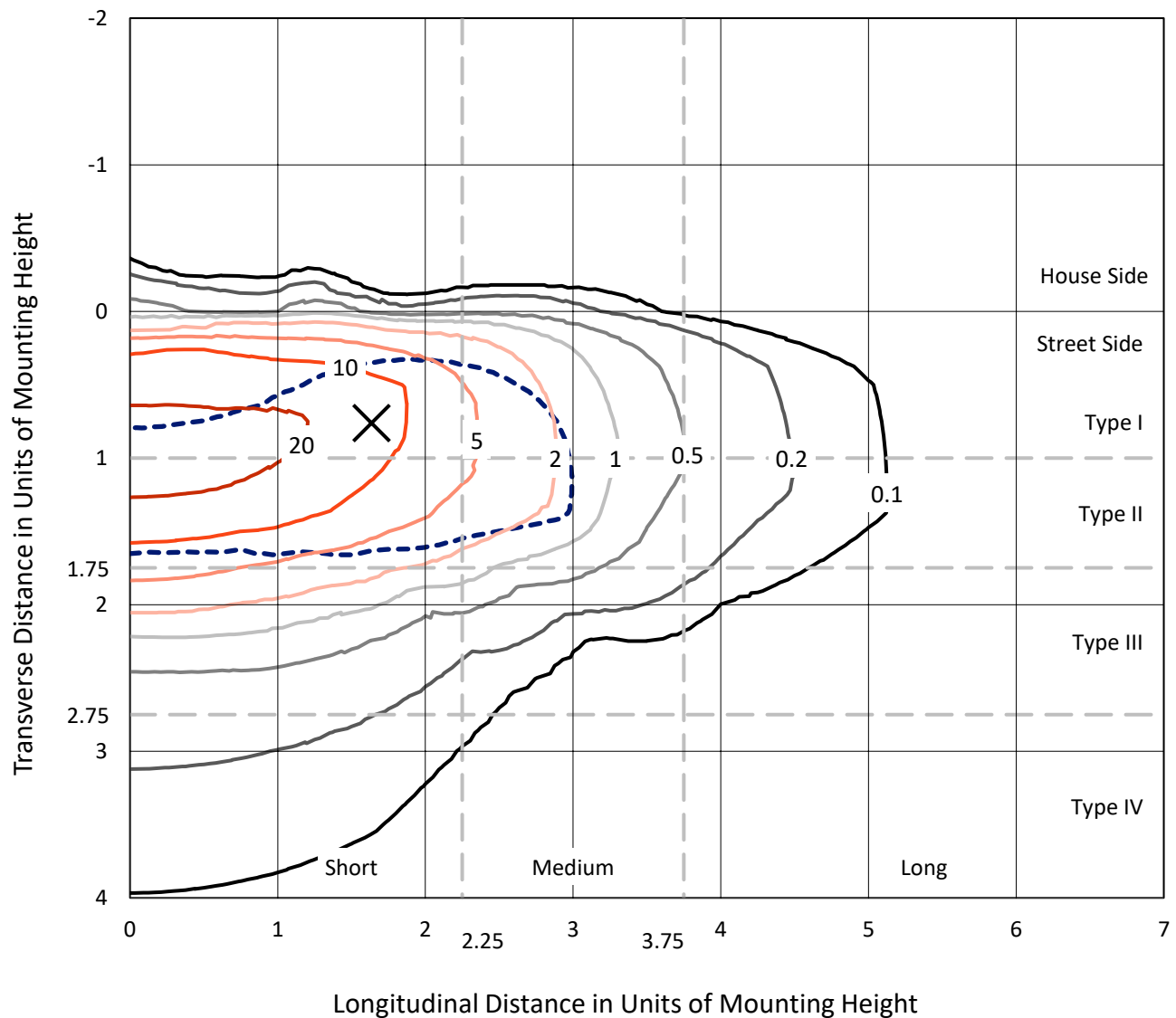


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

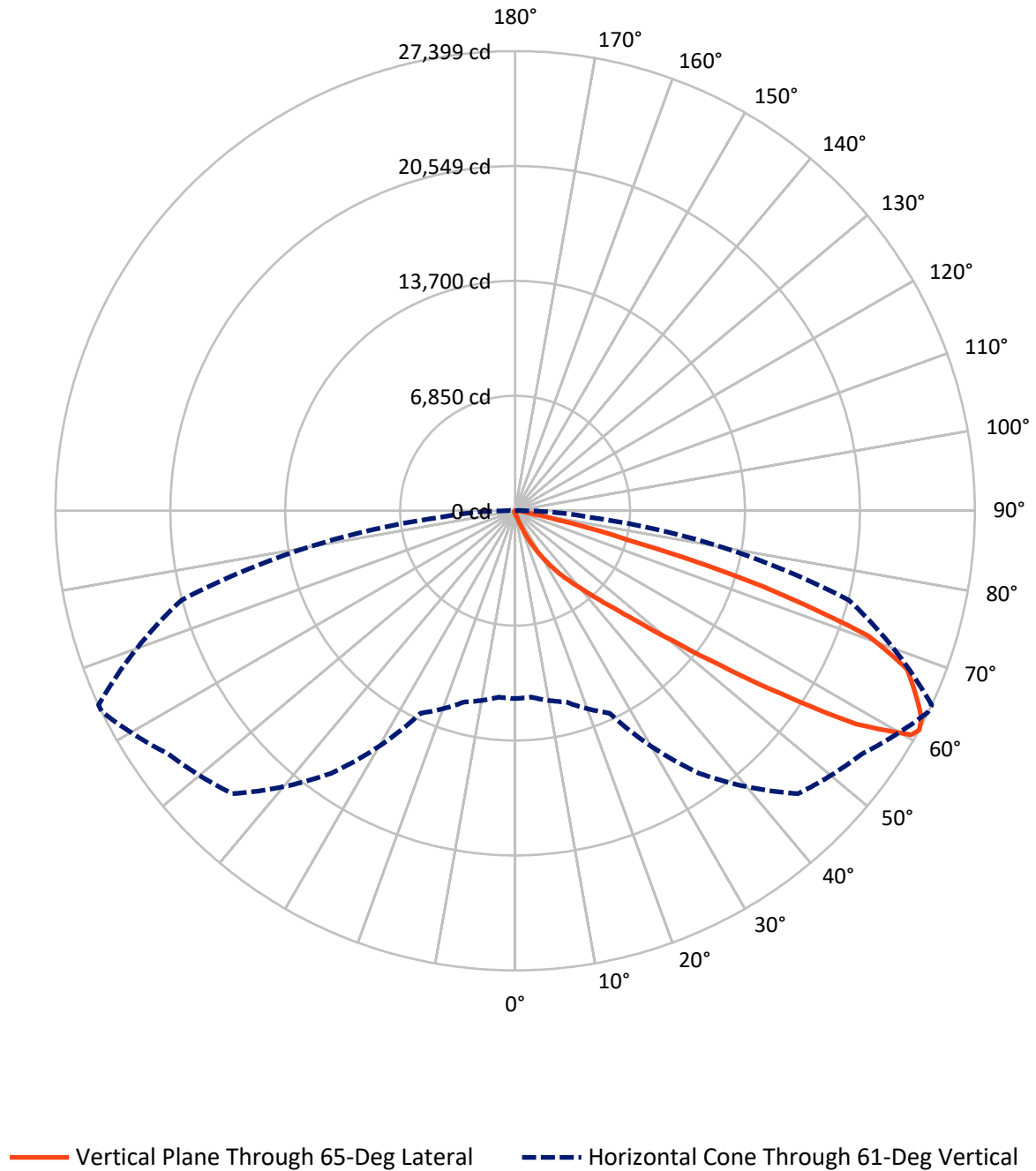


Based on 15 foot mounting height. Maximum calculated value = 32.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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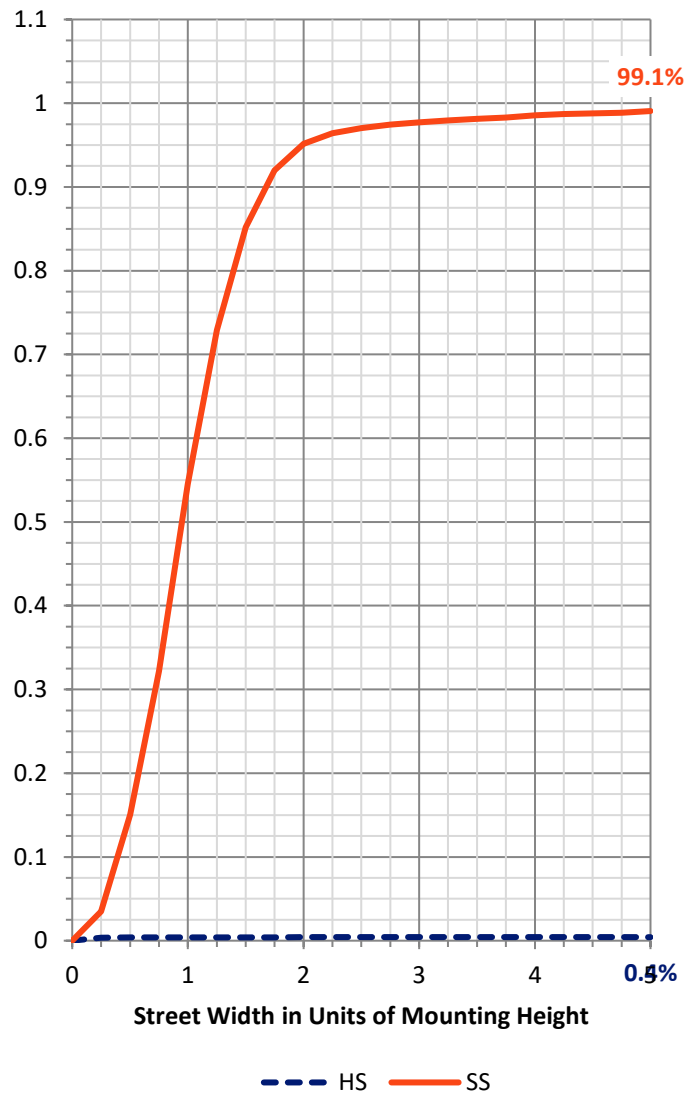
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	105.9	0.0	105.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24715.1	0.0	24715.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	24821.0	0.0	24821.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	0.1
10°-20°	204.1	0.8
20°-30°	732.5	3.0
30°-40°	1950.2	7.9
40°-50°	5123.2	20.6
50°-60°	7936.8	32.0
60°-70°	6654.9	26.8
70°-80°	1958.4	7.9
80°-90°	241.6	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°	24821.0	100.0
0°-180°	24821.0	100.0



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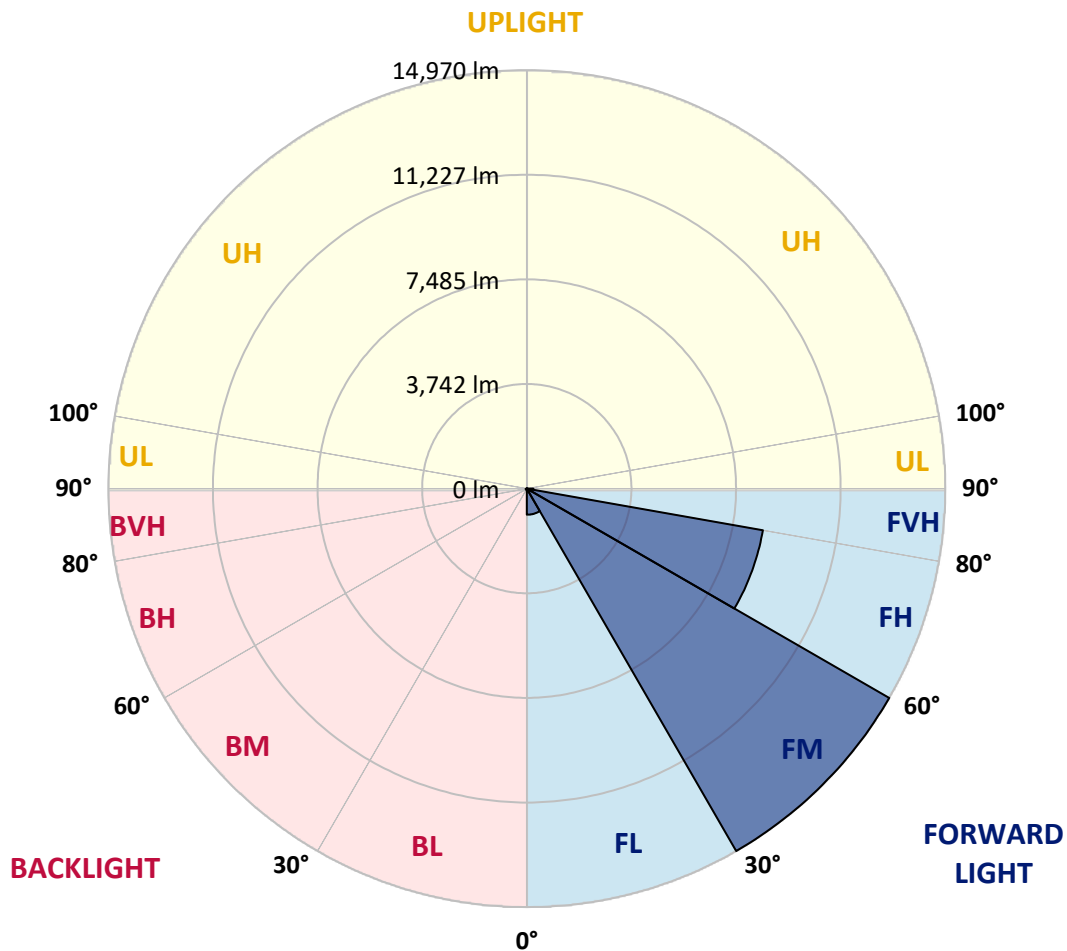
CATALOG NUMBER: GALN-SA5C-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	932.2	3.8			
FM	(30°-60°)	14969.9	60.3			
FH	(60°-80°)	8575.9	34.6			G4/12000
FVH	(80°-90°)	237.1	1.0			G3/500
BL	(0°-30°)	23.8	0.1	B0/110		
BM	(30°-60°)	40.3	0.2	B0/220		
BH	(60°-80°)	37.4	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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°	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
2.5°	184.4	186.1	182.7	175.9	170.7	170.7	169.0	163.9	163.9	158.8	155.4
5°	257.8	254.4	247.6	233.9	222.0	210.0	198.1	186.1	184.4	169.0	158.8
7.5°	421.7	425.1	403.0	360.3	324.4	278.3	235.6	210.0	206.6	181.0	160.5
10°	925.4	899.8	848.6	683.0	561.7	423.4	314.2	244.2	240.7	194.6	163.9
12.5°	1686.9	1666.4	1572.5	1401.8	1089.3	758.1	459.3	302.2	292.0	206.6	165.6
15°	2431.4	2398.9	2347.7	2175.3	1809.9	1359.1	751.3	413.2	385.9	223.7	163.9
17.5°	2906.0	2911.1	2865.0	2791.6	2556.0	2011.3	1297.6	616.4	563.4	254.4	160.5
20°	3320.9	3309.0	3334.6	3295.3	3129.7	2733.6	1888.4	976.6	886.2	303.9	162.2
22.5°	3799.0	3828.0	3846.8	3838.3	3655.6	3317.5	2559.4	1461.6	1347.2	394.4	167.3
25°	4439.3	4435.9	4437.6	4415.4	4237.8	3862.2	3232.1	2064.3	1948.2	541.3	179.3
27.5°	5110.3	5130.8	5139.3	5059.1	4826.9	4458.1	3855.4	2723.3	2586.7	776.9	194.6
30°	6027.2	6010.1	5970.8	5806.9	5525.2	5067.6	4470.0	3414.8	3271.4	1106.4	218.5
32.5°	7263.4	7244.6	7046.5	6684.5	6262.8	5702.8	5088.1	4108.1	3933.9	1517.9	251.0
35°	9300.3	9329.3	8842.7	7905.4	7149.0	6466.0	5772.8	4797.8	4644.2	2025.0	295.4
37.5°	12419.8	12261.0	11600.2	9944.0	8315.1	7418.7	6426.7	5494.5	5361.3	2649.9	353.4
40°	15450.4	15293.4	15102.1	13533.0	10341.8	8468.8	7341.9	6312.3	6139.9	3355.1	438.8
42.5°	18636.5	18549.4	18540.9	17357.6	14040.1	10119.9	8443.2	7270.2	7123.4	4128.5	578.8
45°	20893.7	20806.6	20989.3	21195.9	19077.0	13657.6	10360.6	8514.9	8301.5	5067.6	802.5
47.5°	21197.6	21201.0	21689.3	22336.5	22819.7	19129.9	12914.9	10164.3	9904.7	6411.4	1178.1
50°	20186.8	20226.1	21003.0	22160.6	23461.6	23721.2	17419.1	12558.1	12173.9	8004.4	1710.8
52.5°	18262.6	18306.9	19389.5	21293.2	22870.9	24824.2	22722.3	15689.5	15247.3	9991.8	2462.1
55°	16529.5	16556.8	17798.1	20203.9	22158.9	24224.9	25870.8	19870.9	19290.4	12436.8	3203.1
57.5°	14813.6	14750.4	15558.0	18312.1	22037.7	23489.0	26335.2	24636.3	23996.1	15109.0	3780.2
60°	12518.8	12412.9	13061.8	14813.6	20442.9	23972.2	25466.2	27272.6	27127.5	18829.4	4225.9
61°	11199.0	11154.6	11806.8	13309.3	19100.9	23849.2	25257.8	27383.6	27399.0	20589.8	4425.6
62.5°	7997.6	8123.9	9121.0	11074.3	15998.5	23051.9	25285.2	27040.4	27192.4	22928.9	4943.0
65°	3554.8	3758.0	4533.2	6122.8	9303.7	19176.0	25042.7	26287.4	26212.3	23570.9	6725.5
67.5°	2108.7	2139.4	2525.3	3469.5	4927.6	10314.5	22099.1	25292.0	25191.3	20519.8	8368.1
70°	1661.3	1676.7	1799.6	2177.0	2859.9	3951.0	12612.7	21882.3	22321.1	16638.8	8192.2
72.5°	1575.9	1572.5	1589.6	1656.2	1801.3	1960.1	4883.2	14545.5	15438.5	11982.7	6868.9
75°	1555.5	1548.6	1531.6	1505.9	1304.5	1154.2	1512.8	6433.6	6950.9	8187.1	5171.8
77.5°	1509.4	1511.1	1514.5	1444.5	1118.4	816.1	732.5	2064.3	2538.9	5195.7	3676.1
80°	1021.0	1036.4	1062.0	1034.7	1005.7	590.8	517.3	734.2	744.4	2916.3	2427.9
82.5°	517.3	517.3	505.4	450.8	389.3	384.2	411.5	532.7	539.5	1475.2	1142.3
85°	312.5	329.5	336.4	305.6	280.0	257.8	314.2	423.4	438.8	572.0	266.4
87.5°	70.0	71.7	78.5	104.2	152.0	206.6	292.0	387.6	394.4	367.1	32.4
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-SA5C-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
2.5°	153.7	150.3	148.5	143.4	138.3	133.2	129.8	128.1	129.8	131.5	131.5
5°	152.0	146.8	138.3	129.8	122.9	116.1	109.3	107.6	107.6	109.3	109.3
7.5°	152.0	143.4	131.5	121.2	111.0	100.7	95.6	92.2	93.9	93.9	93.9
10°	152.0	141.7	126.3	111.0	99.0	87.1	78.5	75.1	75.1	75.1	75.1
12.5°	150.3	140.0	121.2	102.4	85.4	71.7	61.5	56.3	58.1	58.1	58.1
15°	146.8	134.9	114.4	87.1	68.3	54.6	44.4	39.3	41.0	44.4	46.1
17.5°	141.7	129.8	102.4	73.4	54.6	41.0	30.7	27.3	29.0	34.1	34.1
20°	140.0	124.6	90.5	59.8	41.0	29.0	20.5	17.1	18.8	25.6	27.3
22.5°	140.0	121.2	82.0	49.5	30.7	18.8	12.0	6.8	6.8	12.0	12.0
25°	141.7	119.5	75.1	41.0	22.2	13.7	6.8	3.4	6.8	18.8	22.2
27.5°	145.1	117.8	71.7	34.1	17.1	12.0	5.1	12.0	20.5	20.5	20.5
30°	148.5	114.4	66.6	29.0	15.4	8.5	8.5	17.1	17.1	20.5	22.2
32.5°	153.7	112.7	63.2	25.6	12.0	6.8	12.0	10.2	10.2	12.0	13.7
35°	163.9	114.4	59.8	25.6	12.0	8.5	10.2	5.1	3.4	3.4	3.4
37.5°	177.6	116.1	54.6	22.2	10.2	10.2	5.1	0.0	0.0	0.0	0.0
40°	199.8	121.2	51.2	20.5	8.5	8.5	1.7	0.0	0.0	0.0	0.0
42.5°	237.3	131.5	49.5	18.8	8.5	6.8	0.0	0.0	0.0	0.0	0.0
45°	312.5	155.4	46.1	17.1	8.5	3.4	0.0	0.0	0.0	0.0	0.0
47.5°	449.1	211.7	44.4	13.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	655.6	286.8	42.7	12.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	836.6	302.2	29.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	857.1	208.3	22.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	683.0	134.9	18.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	517.3	102.4	17.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	496.9	92.2	17.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	548.1	80.2	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	891.3	66.6	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1548.6	58.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1956.7	54.6	10.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1705.7	49.5	10.2	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	1026.2	42.7	10.2	6.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	537.8	32.4	10.2	8.5	5.1	1.7	0.0	0.0	0.0	0.0	0.0
80°	261.2	29.0	12.0	8.5	6.8	3.4	0.0	0.0	0.0	0.0	0.0
82.5°	102.4	23.9	13.7	12.0	8.5	5.1	1.7	0.0	0.0	0.0	0.0
85°	46.1	20.5	15.4	13.7	12.0	6.8	1.7	0.0	0.0	0.0	0.0
87.5°	23.9	18.8	17.1	15.4	12.0	8.5	3.4	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

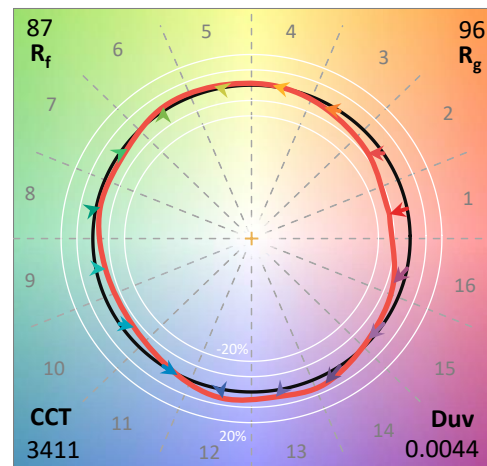
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

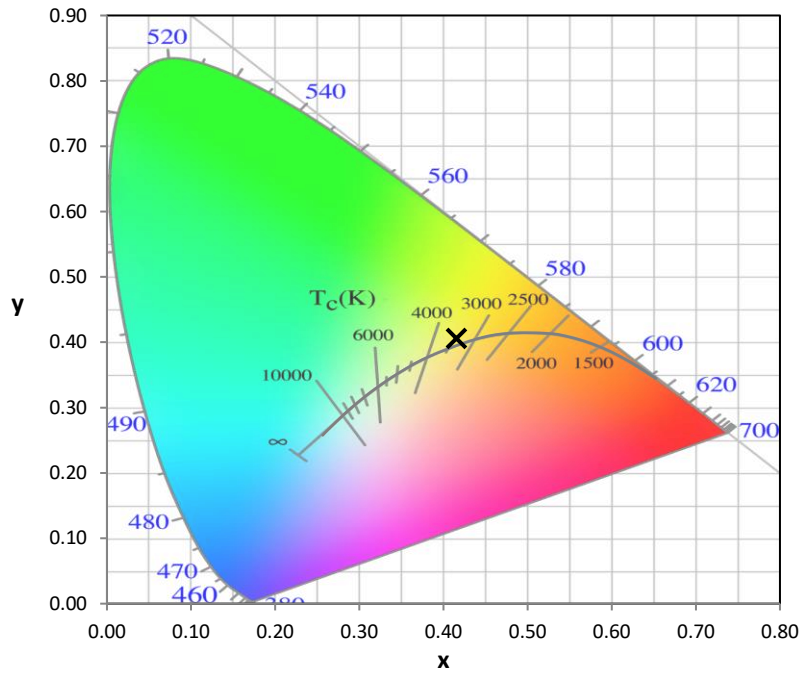
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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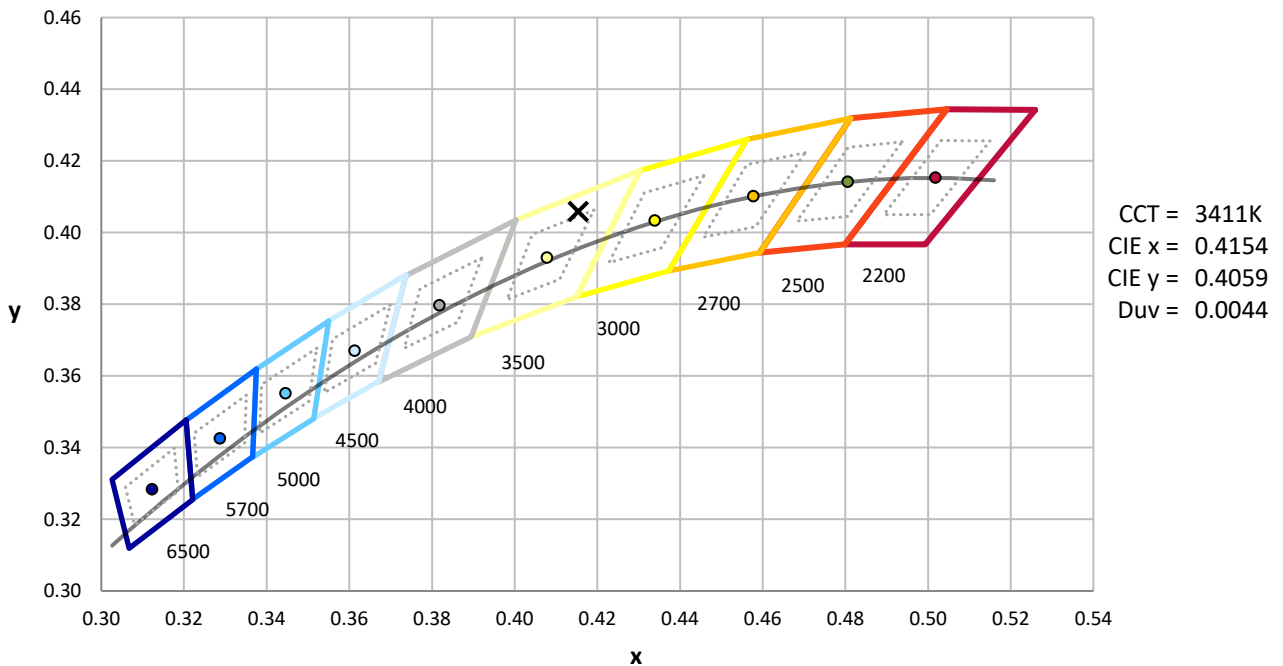
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



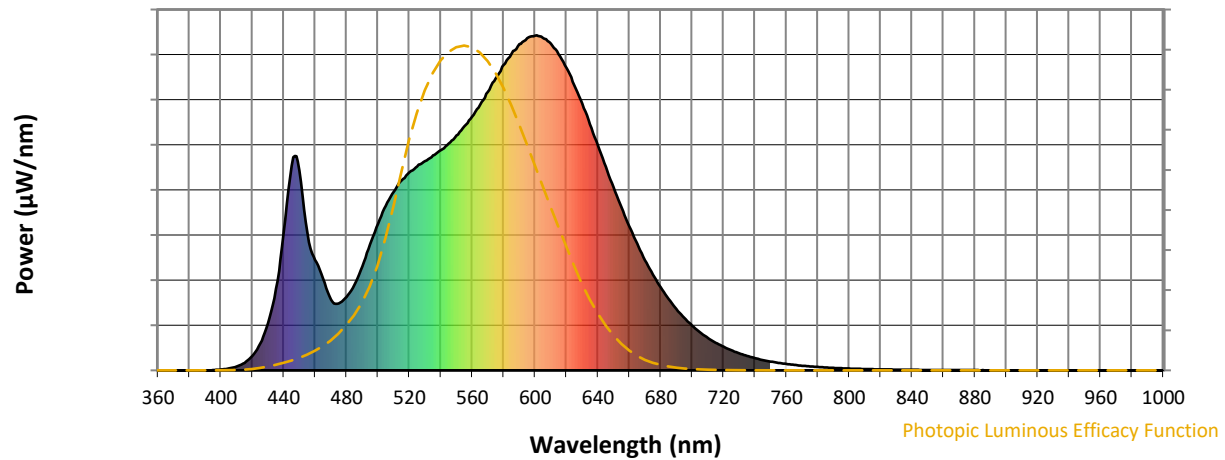
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

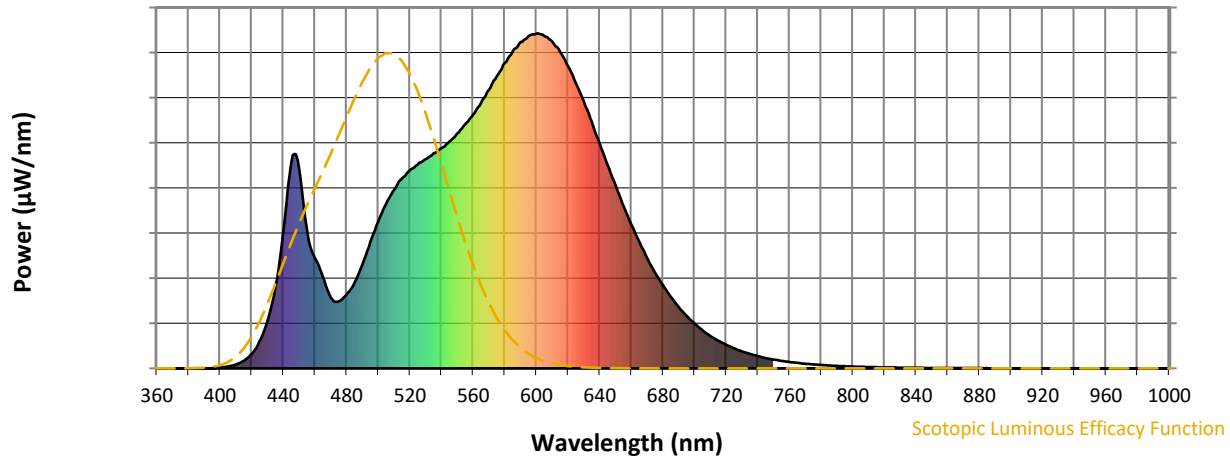


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



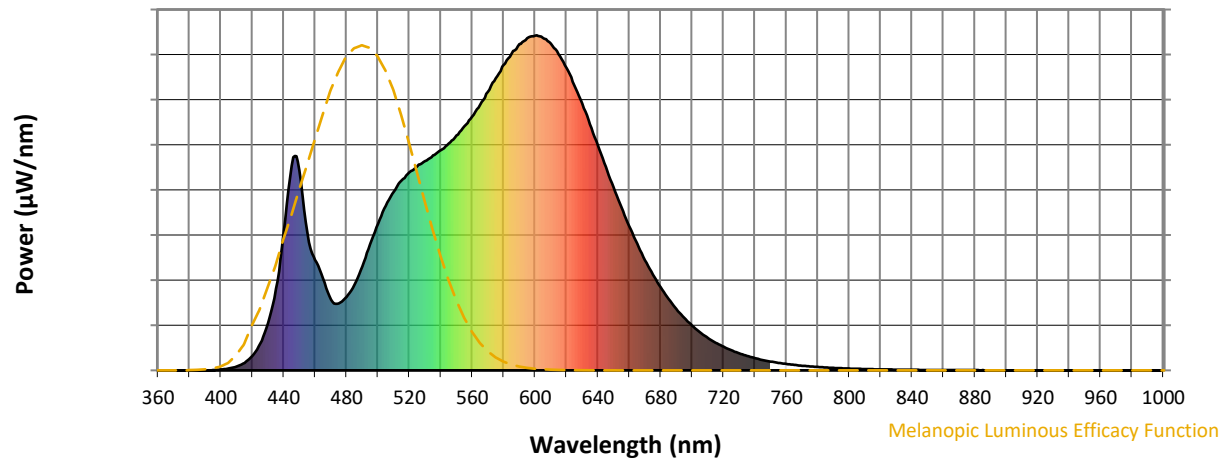
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

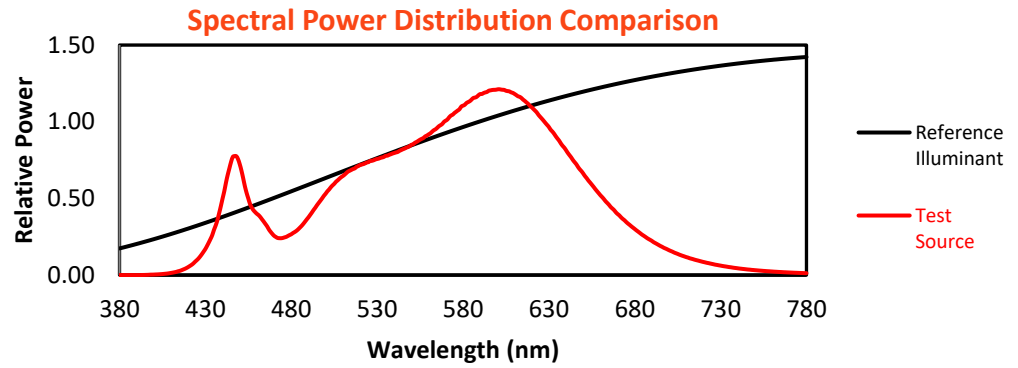
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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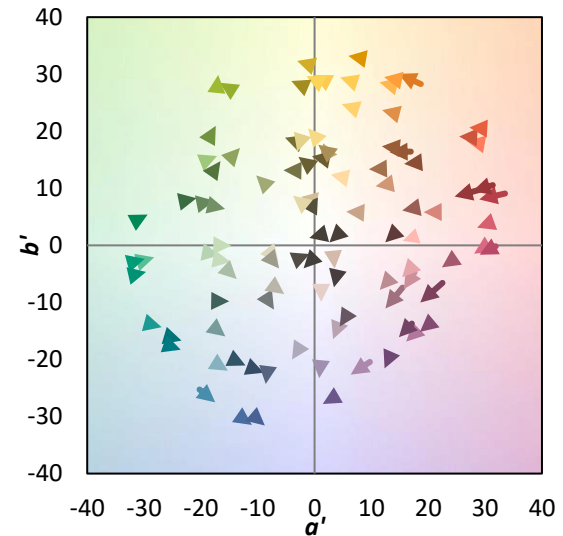
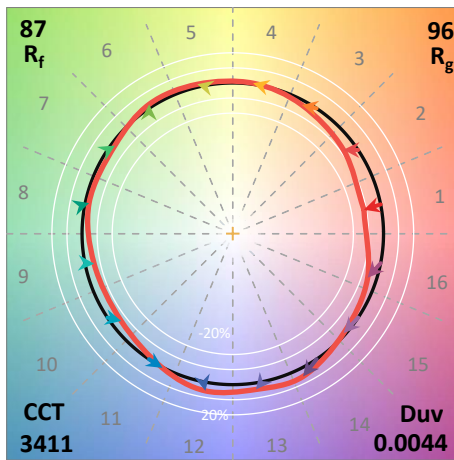
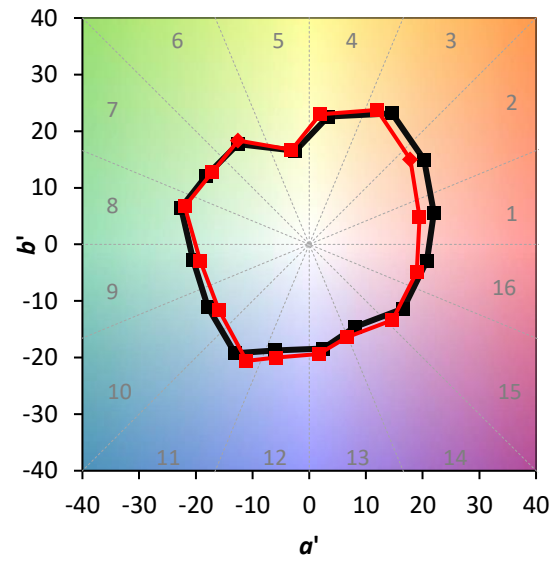
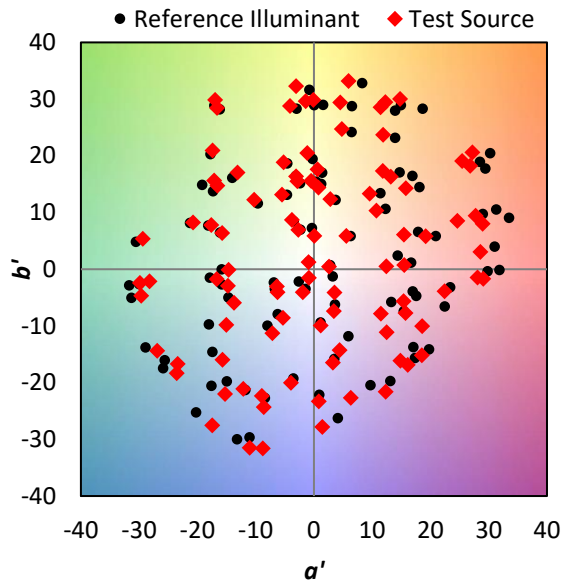
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

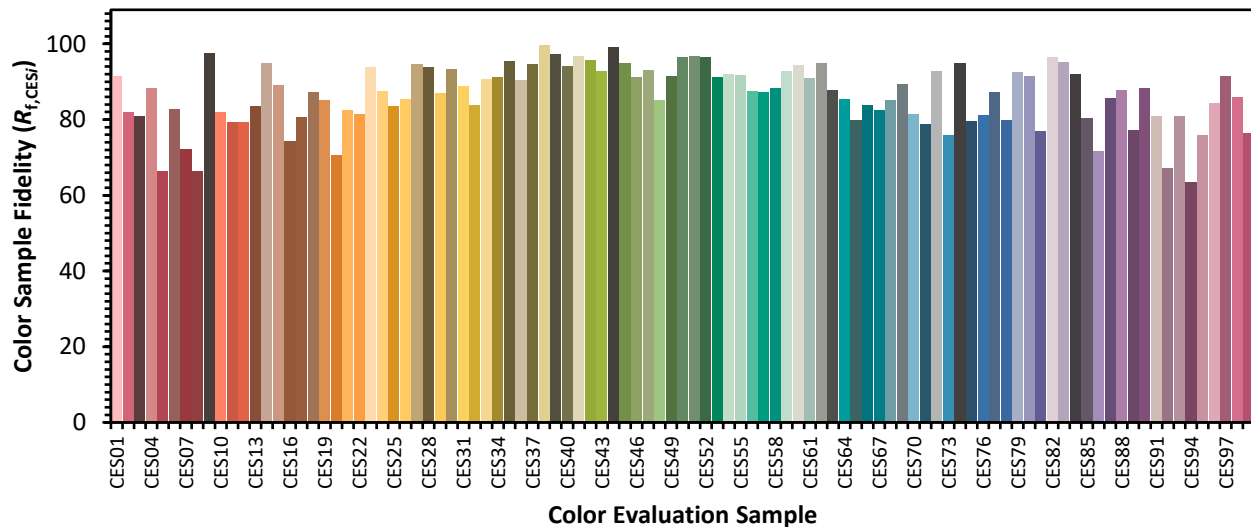


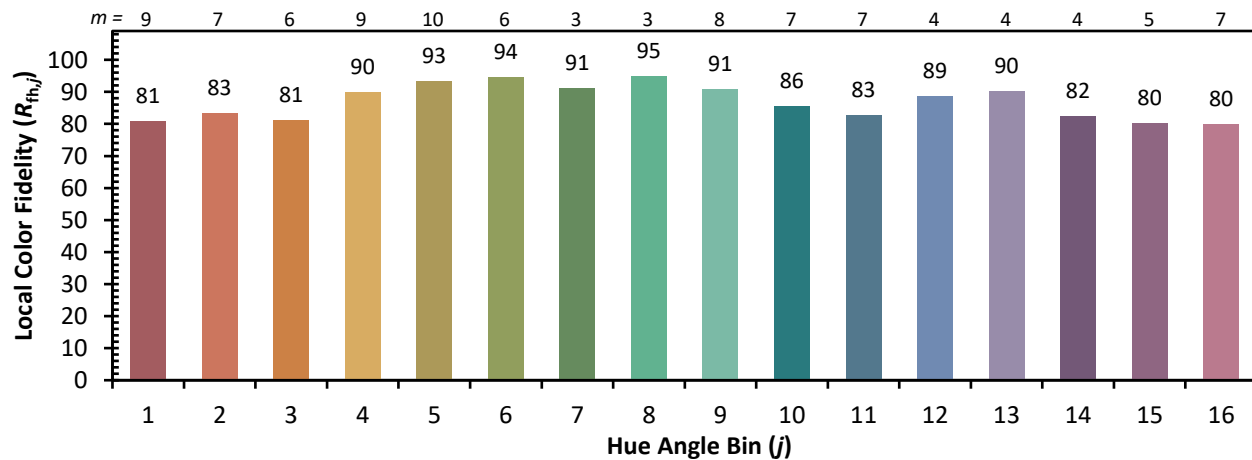
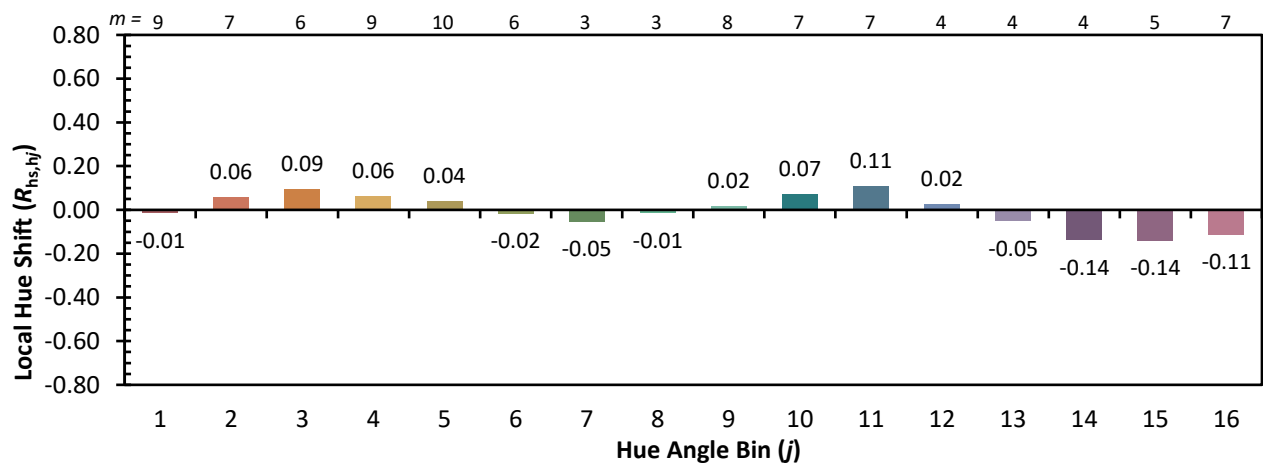
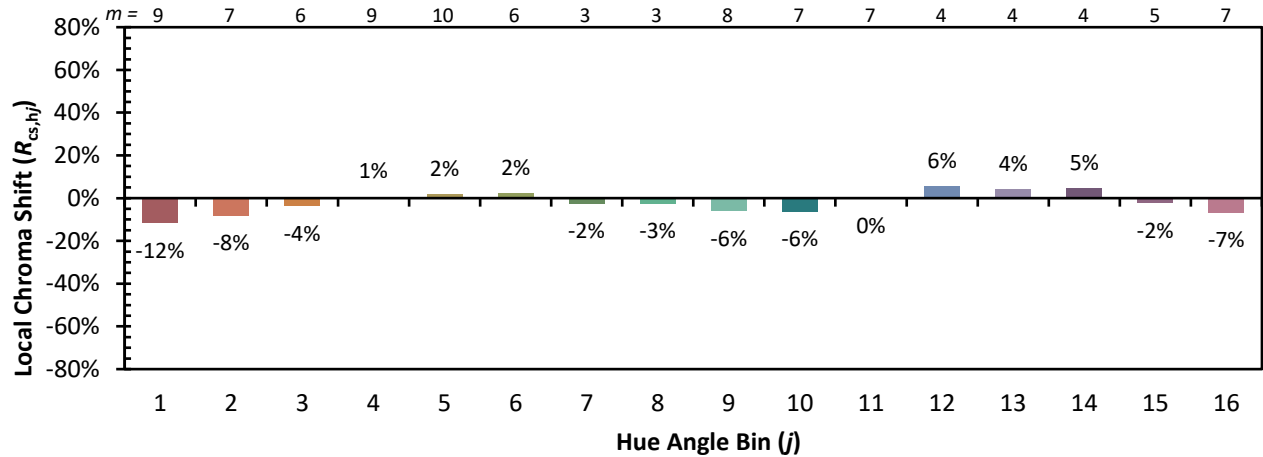
Color Vector Graphics



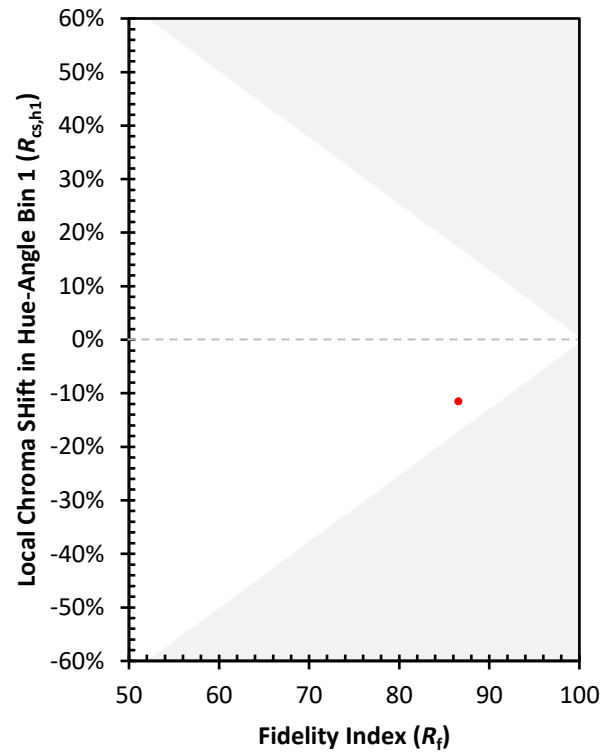
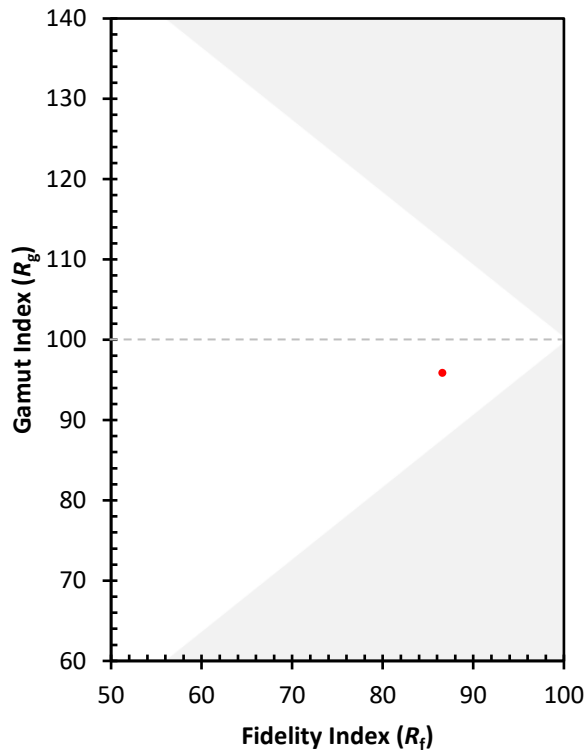
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)