

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: P1048015

Luminaire Tested: **GALN-SA8C-840-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048015
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-840-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40094.3 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
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

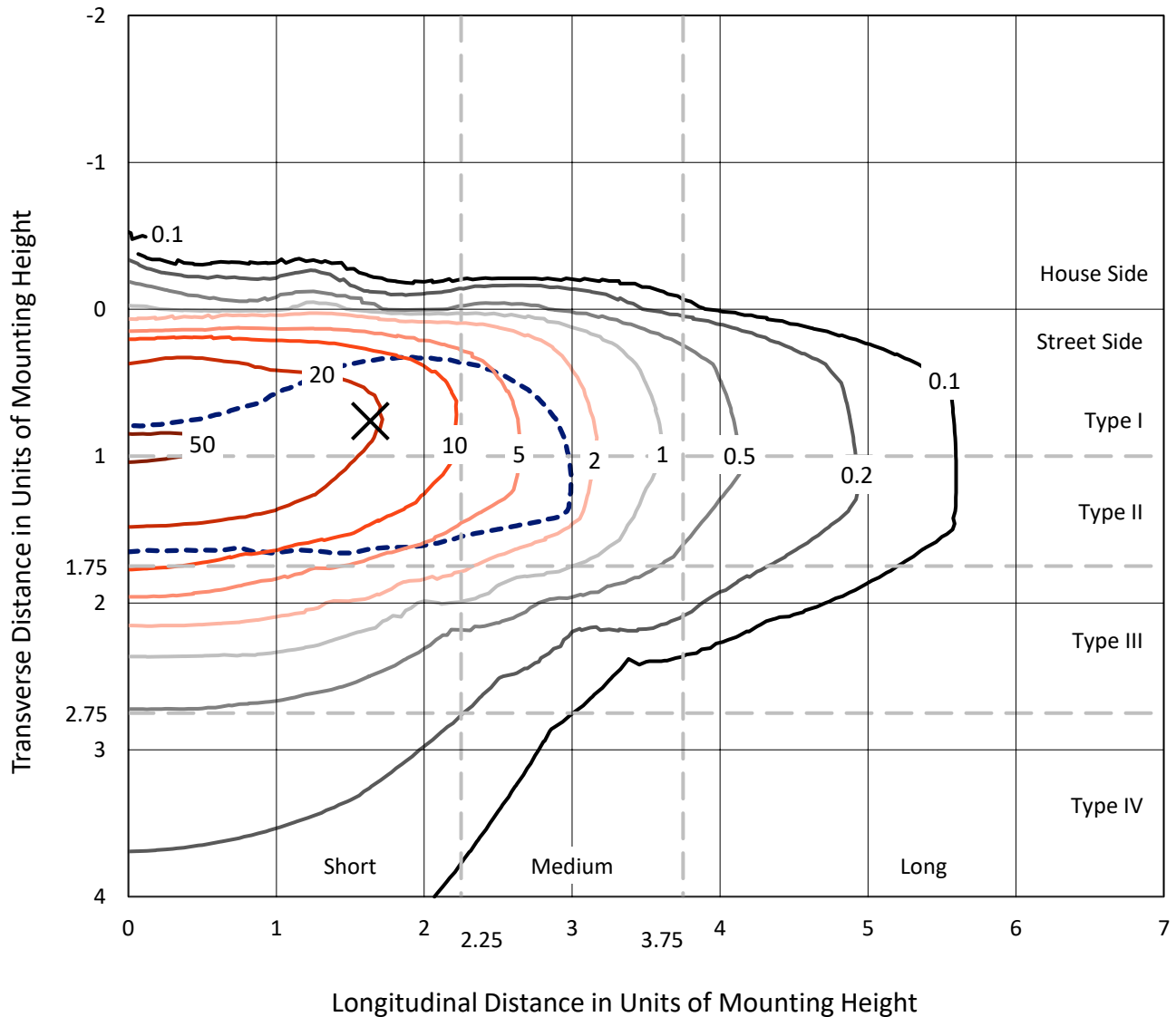


REPORT NUMBER: P1048015

CATALOG NUMBER: GALN-SA8C-840-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

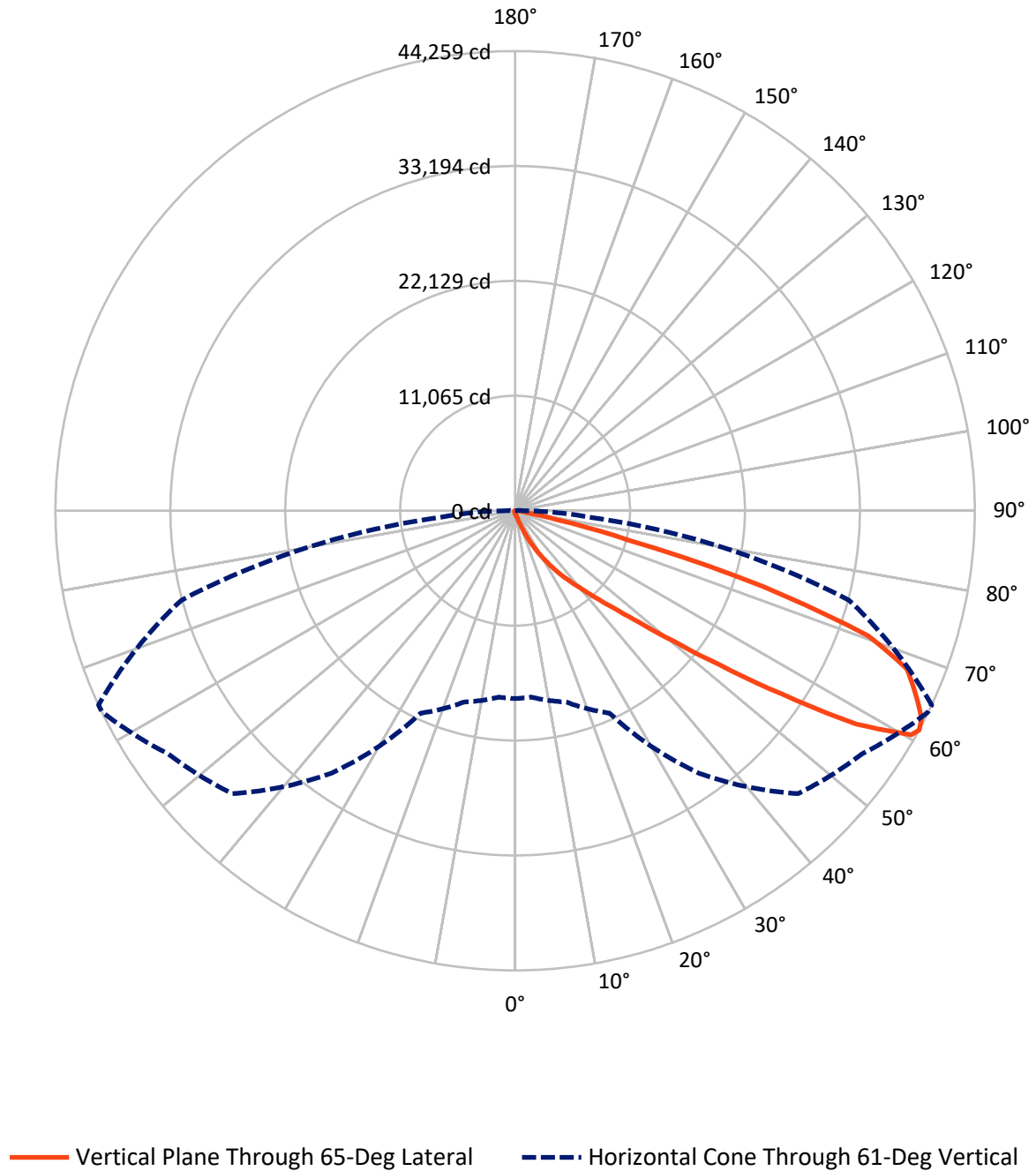


Based on 15 foot mounting height. Maximum calculated value = 53 fc
 Type II - Short - N/A

REPORT NUMBER: P1048015

CATALOG NUMBER: GALN-SA8C-840-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048015

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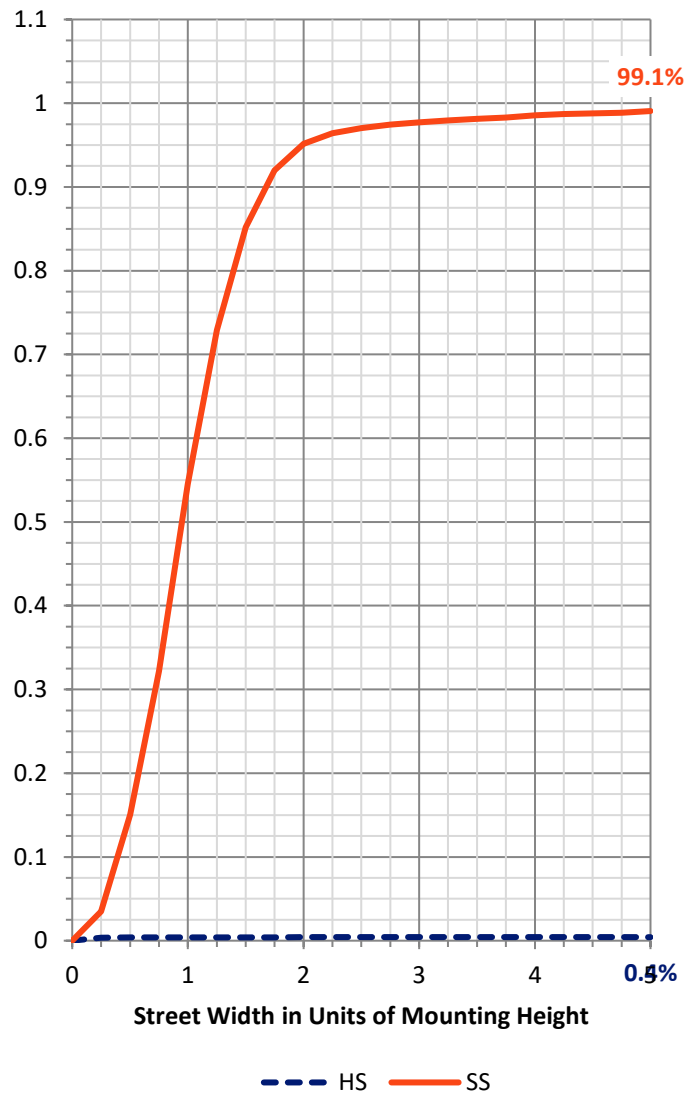
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	171.2	0.0	171.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	39923.1	0.0	39923.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	40094.3	0.0	40094.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.2	0.1
10°-20°	329.7	0.8
20°-30°	1183.2	3.0
30°-40°	3150.2	7.9
40°-50°	8275.7	20.6
50°-60°	12820.6	32.0
60°-70°	10749.9	26.8
70°-80°	3163.5	7.9
80°-90°	390.2	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°	40094.3	100.0
0°-180°	40094.3	100.0



REPORT NUMBER: P1048015

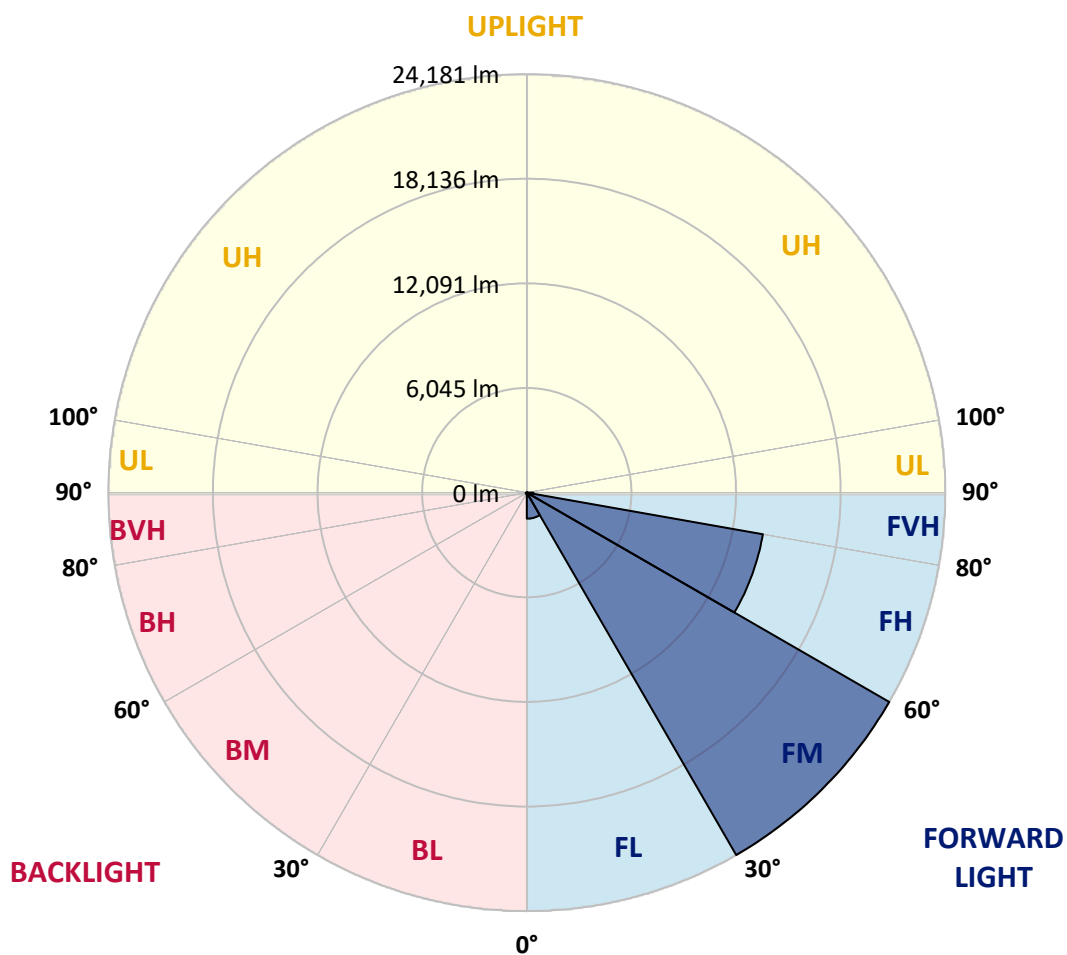
CATALOG NUMBER: GALN-SA8C-840-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1505.7	3.8			
FM	(30°-60°)	24181.4	60.3			
FH	(60°-80°)	13853.0	34.6			G5
FVH	(80°-90°)	383.0	1.0			G3/500
BL	(0°-30°)	38.4	0.1	B0/110		
BM	(30°-60°)	65.1	0.2	B0/220		
BH	(60°-80°)	60.4	0.2	B0/110		G0/110
BVH	(80°-90°)	7.2	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 II Short



REPORT NUMBER: P1048015

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	245.5	245.5	245.5	245.5	245.5	245.5	245.5	245.5	245.5	245.5	245.5
2.5°	297.9	300.6	295.1	284.1	275.8	275.8	273.0	264.8	264.8	256.5	251.0
5°	416.5	411.0	399.9	377.9	358.5	339.2	319.9	300.6	297.9	273.0	256.5
7.5°	681.2	686.8	650.9	581.9	524.0	449.6	380.6	339.2	333.7	292.4	259.3
10°	1494.9	1453.5	1370.8	1103.2	907.4	684.0	507.5	394.4	388.9	314.4	264.8
12.5°	2725.0	2691.9	2540.2	2264.4	1759.6	1224.6	741.9	488.2	471.6	333.7	267.5
15°	3927.5	3875.1	3792.3	3513.8	2923.5	2195.4	1213.5	667.4	623.3	361.3	264.8
17.5°	4694.2	4702.5	4628.0	4509.4	4128.8	3249.0	2096.1	995.7	910.2	411.0	259.3
20°	5364.4	5345.1	5386.5	5323.0	5055.5	4415.6	3050.4	1577.6	1431.4	490.9	262.0
22.5°	6136.7	6183.6	6213.9	6200.1	5905.0	5358.9	4134.3	2360.9	2176.1	637.1	270.3
25°	7170.9	7165.4	7168.2	7132.3	6845.5	6238.7	5221.0	3334.5	3146.9	874.3	289.6
27.5°	8254.9	8288.0	8301.8	8172.1	7797.0	7201.3	6227.7	4399.1	4178.5	1254.9	314.4
30°	9735.9	9708.4	9644.9	9380.2	8925.1	8185.9	7220.6	5516.1	5284.4	1787.2	353.0
32.5°	11732.8	11702.4	11382.5	10797.8	10116.6	9211.9	8219.0	6635.9	6354.6	2451.9	405.4
35°	15023.1	15070.0	14284.0	12769.8	11548.0	10444.8	9325.0	7750.1	7501.9	3271.1	477.1
37.5°	20062.1	19805.6	18738.2	16062.9	13431.7	11983.8	10381.3	8875.4	8660.3	4280.5	570.9
40°	24957.7	24703.9	24395.0	21860.4	16705.5	13680.0	11859.6	10196.5	9918.0	5419.6	708.8
42.5°	30104.2	29963.5	29949.7	28038.4	22679.5	16347.0	13638.6	11743.8	11506.6	6669.0	935.0
45°	33750.3	33609.7	33904.8	34238.5	30815.8	22061.7	16735.9	13754.4	13409.7	8185.9	1296.3
47.5°	34241.3	34246.8	35035.6	36080.9	36861.4	30901.3	20861.9	16418.7	15999.5	10356.5	1903.1
50°	32608.5	32671.9	33926.9	35796.8	37898.5	38317.7	28137.7	20285.5	19664.9	12929.8	2763.6
52.5°	29500.2	29571.9	31320.5	34395.7	36944.2	40099.4	36704.2	25343.8	24629.4	16140.1	3977.1
55°	26700.7	26744.9	28750.0	32636.1	35794.1	39131.3	41790.1	32098.3	31160.5	20089.7	5174.1
57.5°	23928.9	23826.9	25131.4	29580.2	35598.2	37942.6	42540.3	39796.0	38761.7	24406.0	6106.3
60°	20222.1	20051.1	21099.1	23928.9	33022.2	38723.1	41136.4	44054.4	43820.0	30415.8	6826.2
61°	18090.1	18018.4	19072.0	21499.1	30854.4	38524.5	40799.9	44233.7	44258.5	33259.4	7148.9
62.5°	12918.7	13122.8	14733.5	17888.8	25843.0	37236.5	40844.1	43679.3	43924.8	37037.9	7984.6
65°	5742.3	6070.5	7322.6	9890.4	15028.7	30975.7	40452.4	42463.0	42341.7	38075.0	10864.0
67.5°	3406.2	3455.8	4079.2	5604.4	7959.8	16661.4	35697.5	40855.1	40692.4	33146.3	13517.2
70°	2683.6	2708.4	2907.0	3516.5	4619.7	6382.1	20373.8	35347.3	36056.1	26877.3	13233.2
72.5°	2545.7	2540.2	2567.8	2675.3	2909.7	3166.2	7888.0	23495.9	24938.3	19356.0	11095.7
75°	2512.6	2501.6	2474.0	2432.6	2107.2	1864.4	2443.6	10392.4	11228.0	13224.9	8354.2
77.5°	2438.1	2440.9	2446.4	2333.3	1806.5	1318.4	1183.2	3334.5	4101.2	8392.8	5938.1
80°	1649.3	1674.1	1715.5	1671.4	1624.5	954.3	835.7	1186.0	1202.5	4710.8	3922.0
82.5°	835.7	835.7	816.4	728.1	628.8	620.6	664.7	860.5	871.5	2383.0	1845.1
85°	504.7	532.3	543.3	493.7	452.3	416.5	507.5	684.0	708.8	923.9	430.3
87.5°	113.1	115.8	126.9	168.2	245.5	333.7	471.6	626.1	637.1	593.0	52.4
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: P1048015

CATALOG NUMBER: GALN-SA8C-840-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	245.5	245.5	245.5	245.5	245.5	245.5	245.5	245.5	245.5	245.5	245.5
2.5°	248.2	242.7	240.0	231.7	223.4	215.1	209.6	206.9	209.6	212.4	212.4
5°	245.5	237.2	223.4	209.6	198.6	187.5	176.5	173.8	173.8	176.5	176.5
7.5°	245.5	231.7	212.4	195.8	179.3	162.7	154.5	148.9	151.7	151.7	151.7
10°	245.5	228.9	204.1	179.3	160.0	140.7	126.9	121.4	121.4	121.4	121.4
12.5°	242.7	226.2	195.8	165.5	137.9	115.8	99.3	91.0	93.8	93.8	93.8
15°	237.2	217.9	184.8	140.7	110.3	88.3	71.7	63.4	66.2	71.7	74.5
17.5°	228.9	209.6	165.5	118.6	88.3	66.2	49.6	44.1	46.9	55.2	55.2
20°	226.2	201.3	146.2	96.5	66.2	46.9	33.1	27.6	30.3	41.4	44.1
22.5°	226.2	195.8	132.4	80.0	49.6	30.3	19.3	11.0	11.0	19.3	19.3
25°	228.9	193.1	121.4	66.2	35.9	22.1	11.0	5.5	11.0	30.3	35.9
27.5°	234.4	190.3	115.8	55.2	27.6	19.3	8.3	19.3	33.1	33.1	33.1
30°	240.0	184.8	107.6	46.9	24.8	13.8	13.8	27.6	27.6	33.1	35.9
32.5°	248.2	182.0	102.0	41.4	19.3	11.0	19.3	16.5	16.5	19.3	22.1
35°	264.8	184.8	96.5	41.4	19.3	13.8	16.5	8.3	5.5	5.5	5.5
37.5°	286.8	187.5	88.3	35.9	16.5	16.5	8.3	0.0	0.0	0.0	0.0
40°	322.7	195.8	82.7	33.1	13.8	13.8	2.8	0.0	0.0	0.0	0.0
42.5°	383.4	212.4	80.0	30.3	13.8	11.0	0.0	0.0	0.0	0.0	0.0
45°	504.7	251.0	74.5	27.6	13.8	5.5	0.0	0.0	0.0	0.0	0.0
47.5°	725.4	342.0	71.7	22.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	1059.1	463.4	69.0	19.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1351.4	488.2	46.9	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1384.5	336.5	35.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1103.2	217.9	30.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	835.7	165.5	27.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	802.6	148.9	27.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	885.3	129.6	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1439.7	107.6	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2501.6	93.8	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3160.7	88.3	16.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2755.3	80.0	16.5	5.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	1657.6	69.0	16.5	11.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	868.8	52.4	16.5	13.8	8.3	2.8	0.0	0.0	0.0	0.0	0.0
80°	422.0	46.9	19.3	13.8	11.0	5.5	0.0	0.0	0.0	0.0	0.0
82.5°	165.5	38.6	22.1	19.3	13.8	8.3	2.8	0.0	0.0	0.0	0.0
85°	74.5	33.1	24.8	22.1	19.3	11.0	2.8	0.0	0.0	0.0	0.0
87.5°	38.6	30.3	27.6	24.8	19.3	13.8	5.5	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

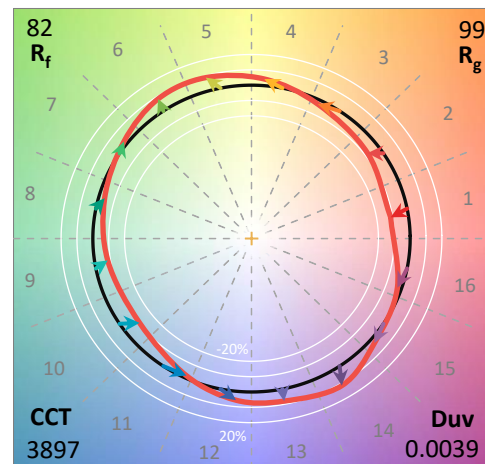
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

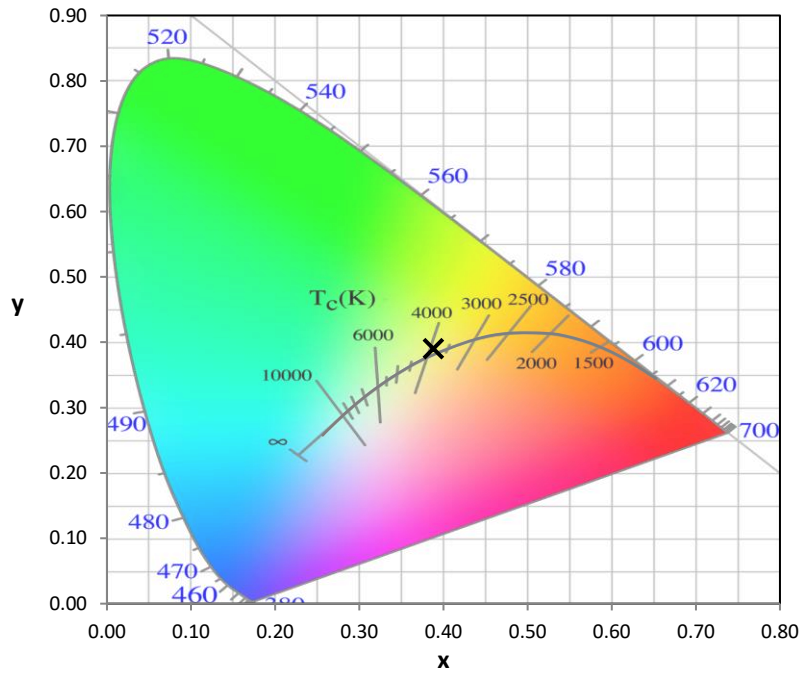
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

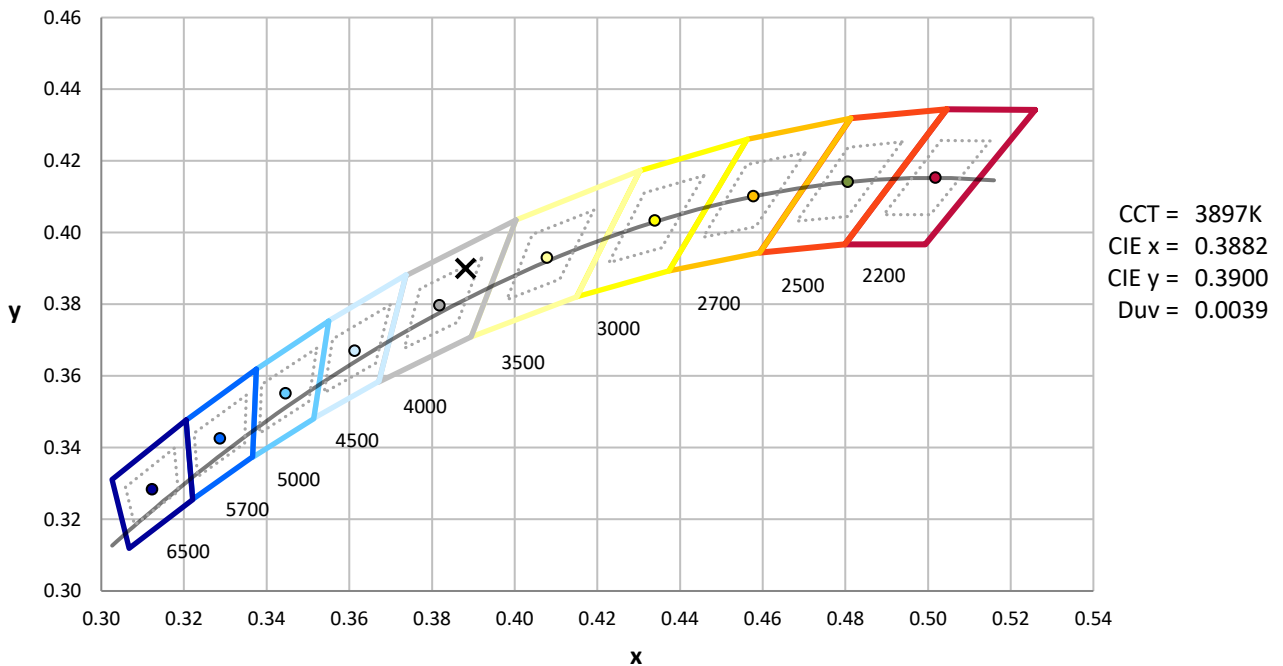
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



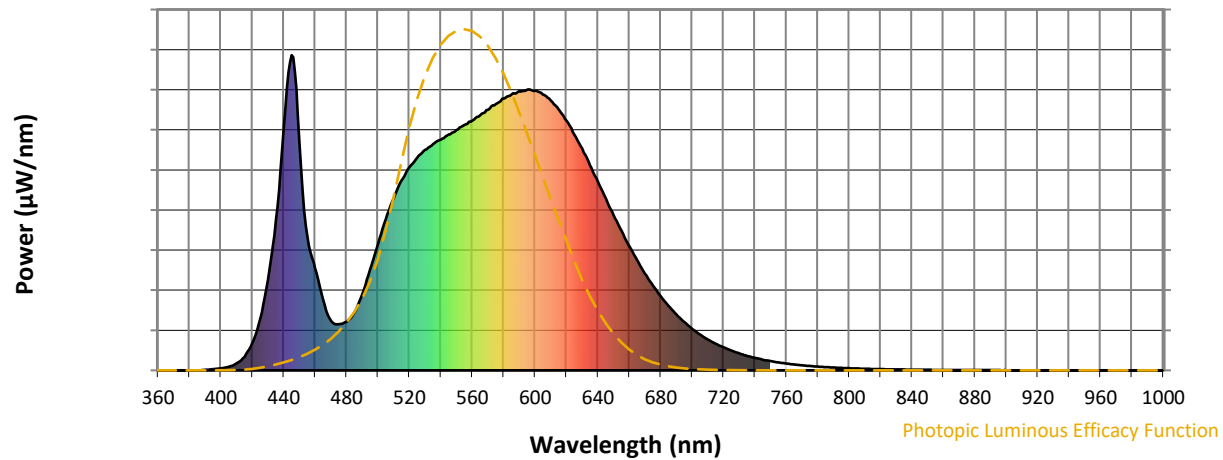
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

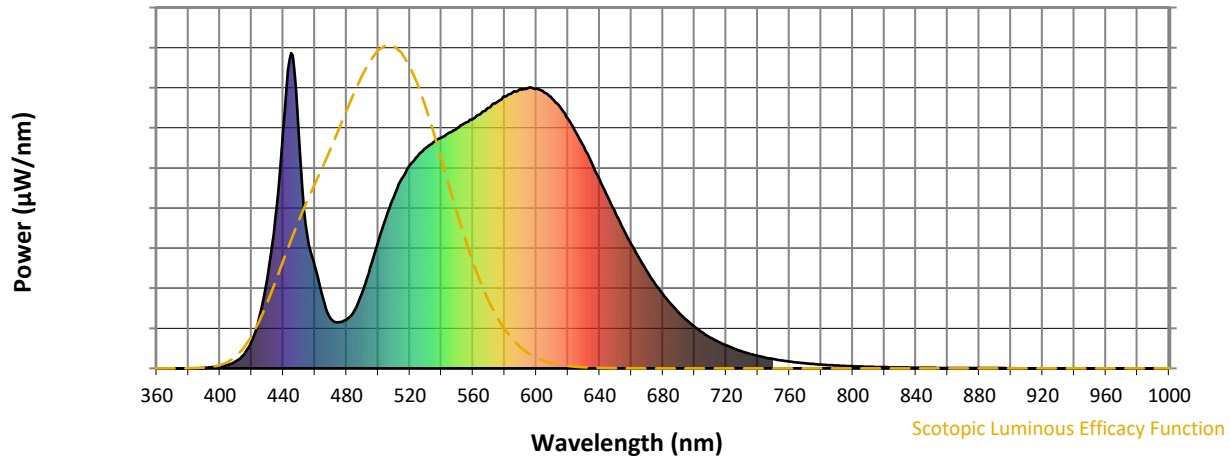


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength



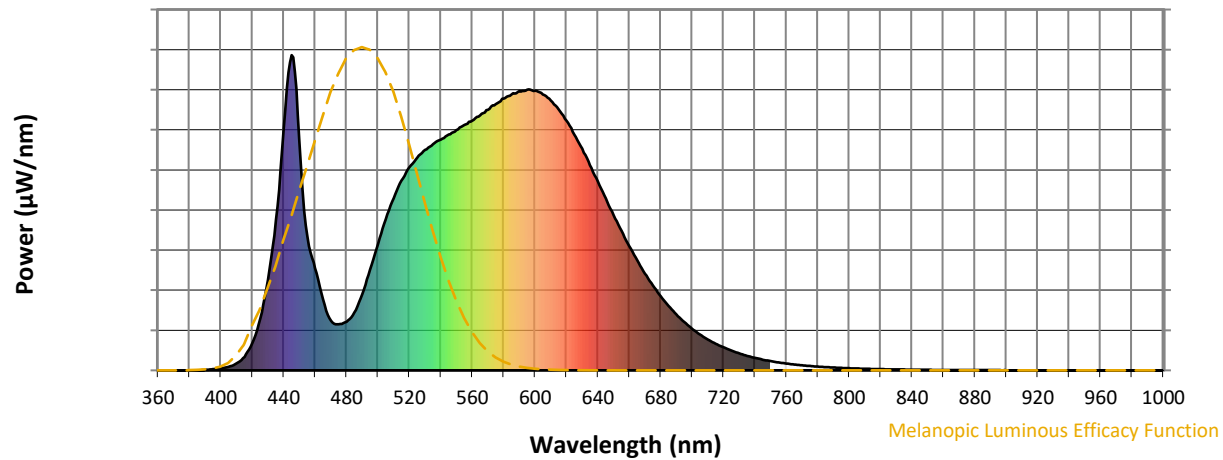
Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

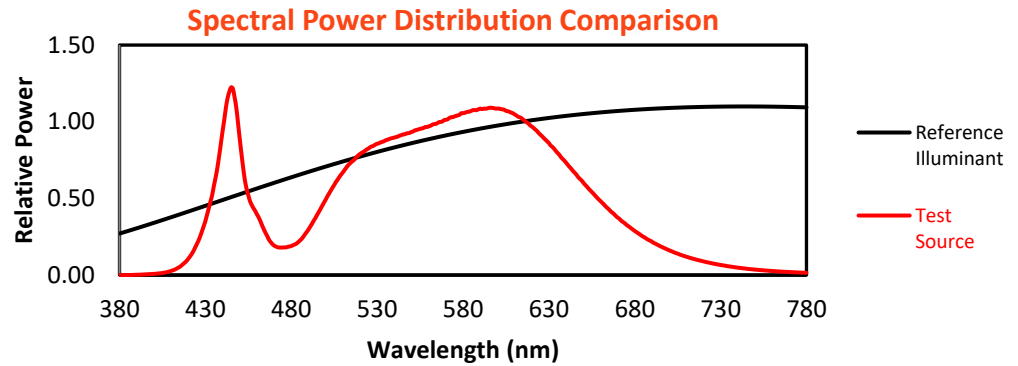
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

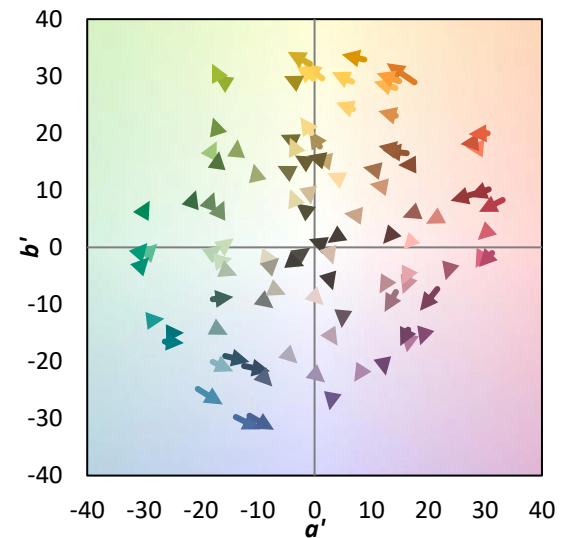
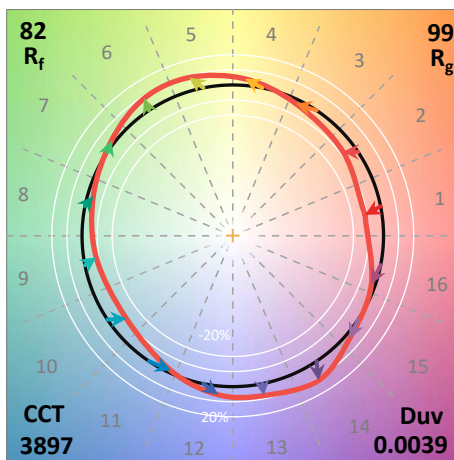
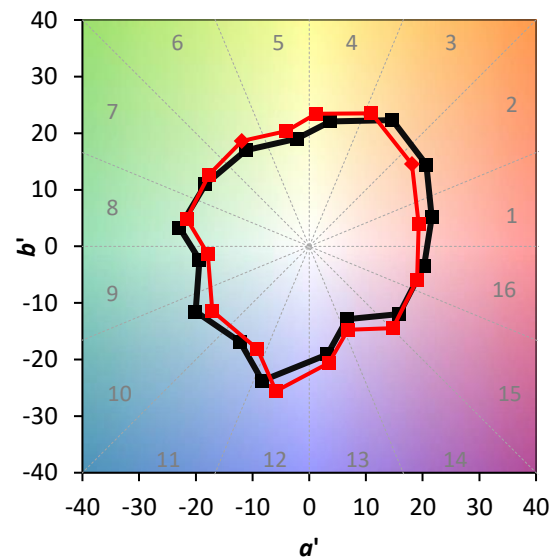
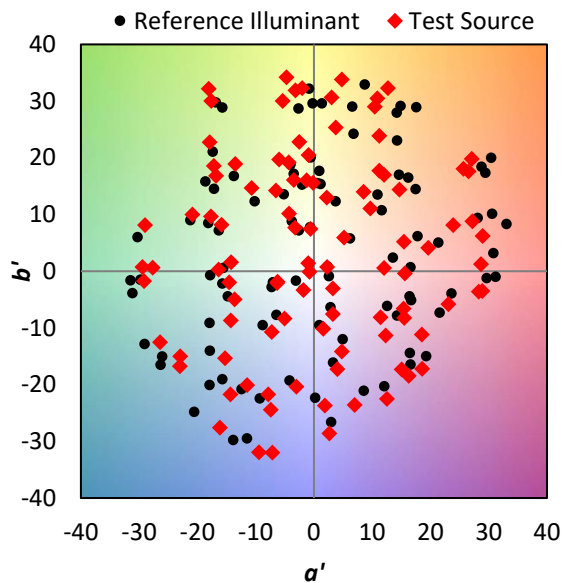
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$

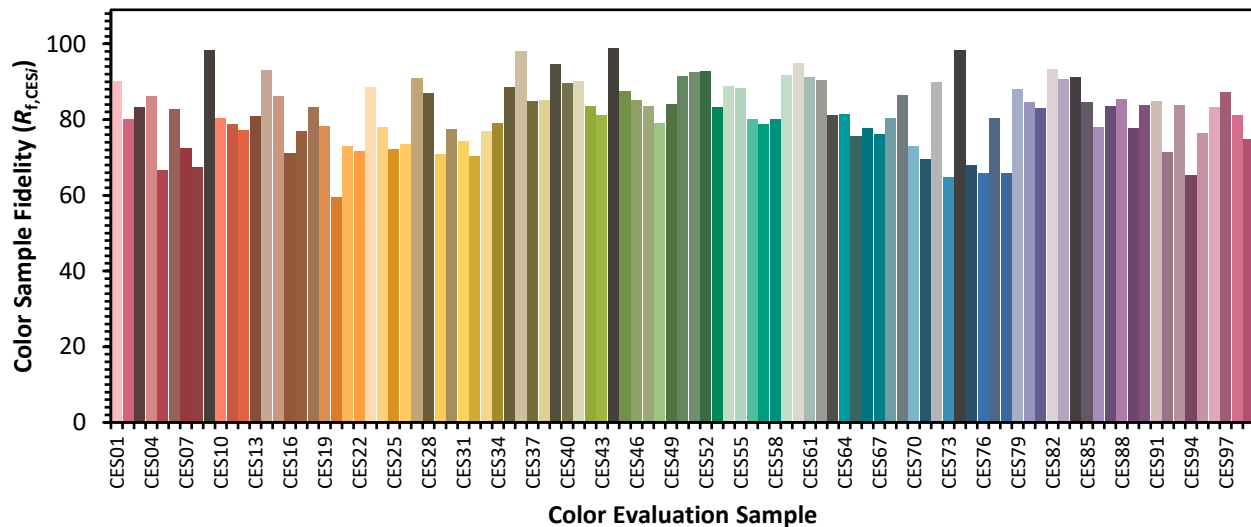


Color Vector Graphics

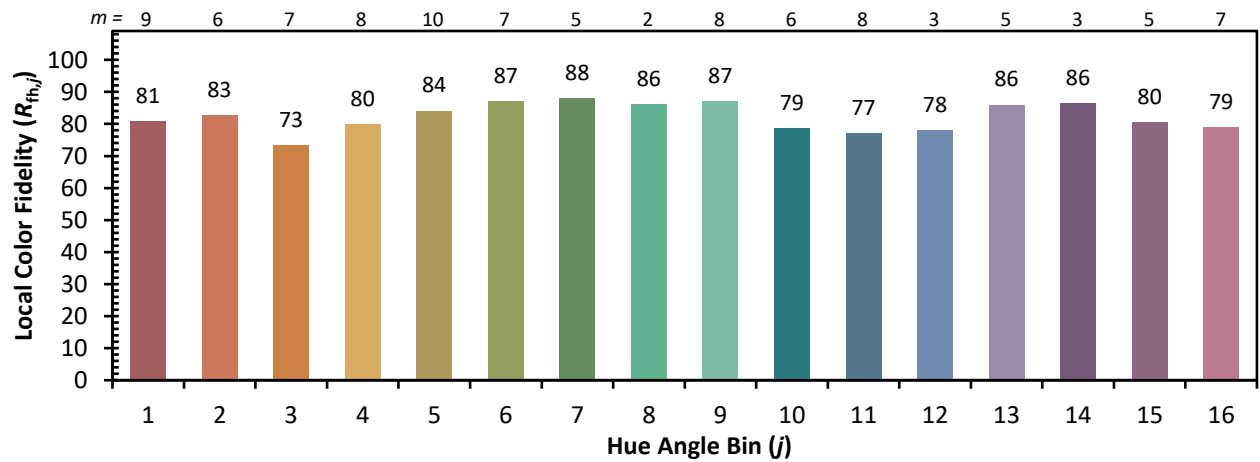
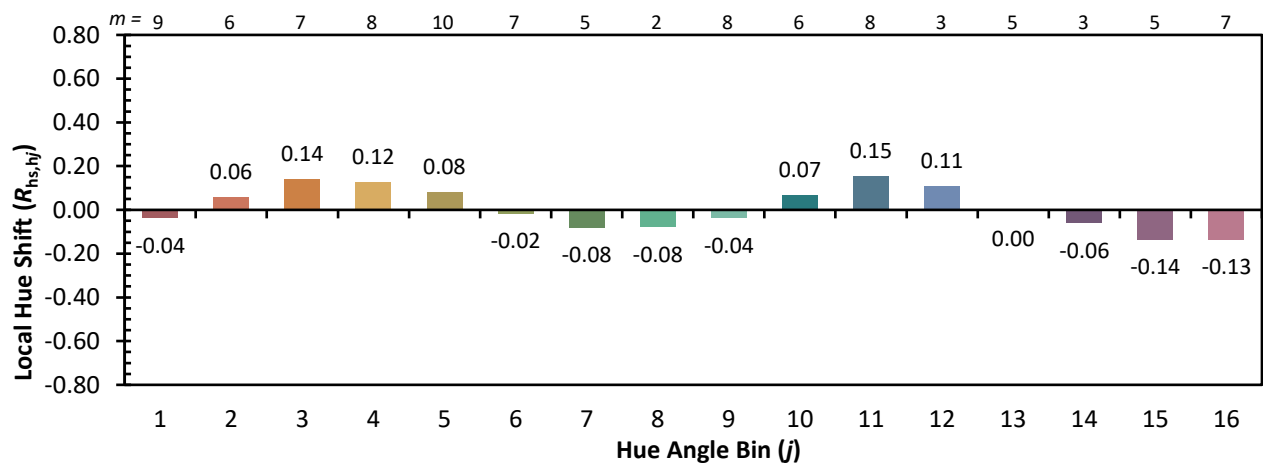
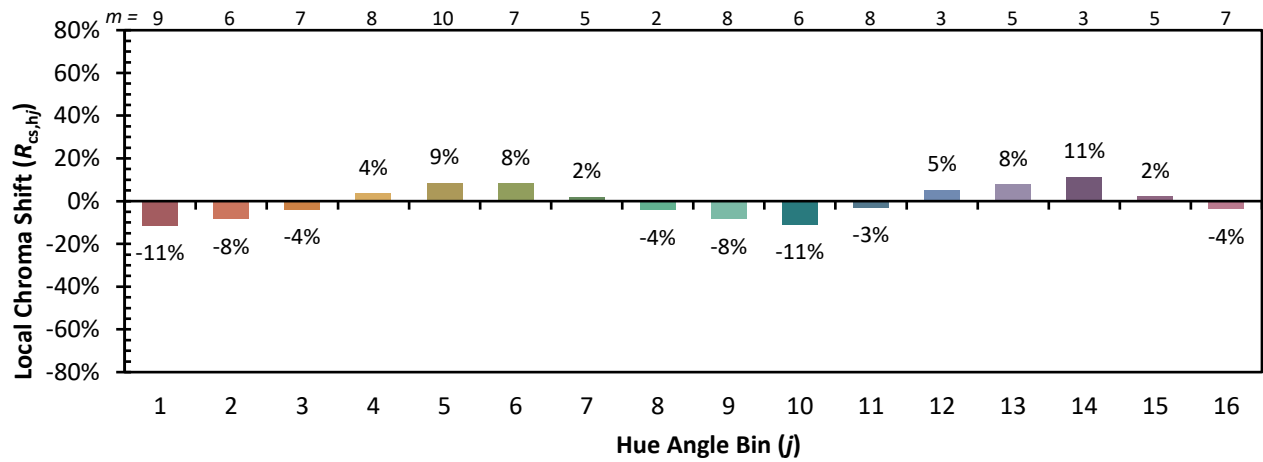


Individual Sample Fidelity Index ($R_{f,i}$)

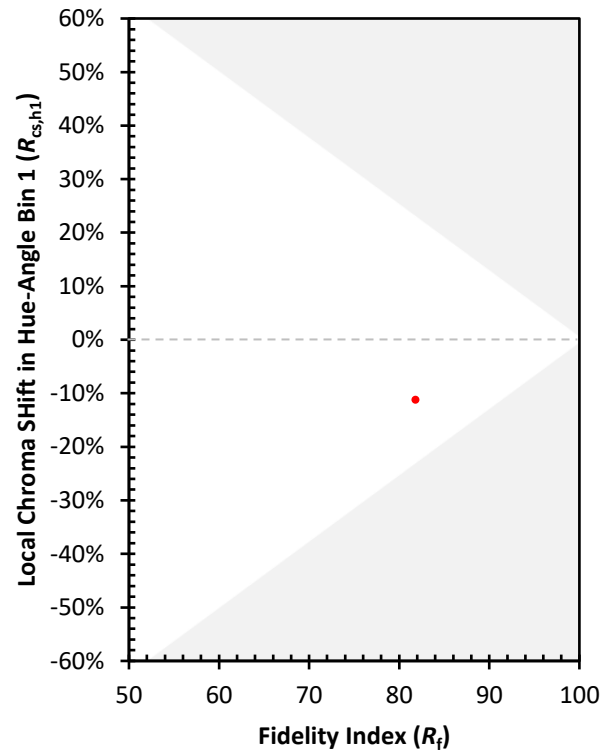
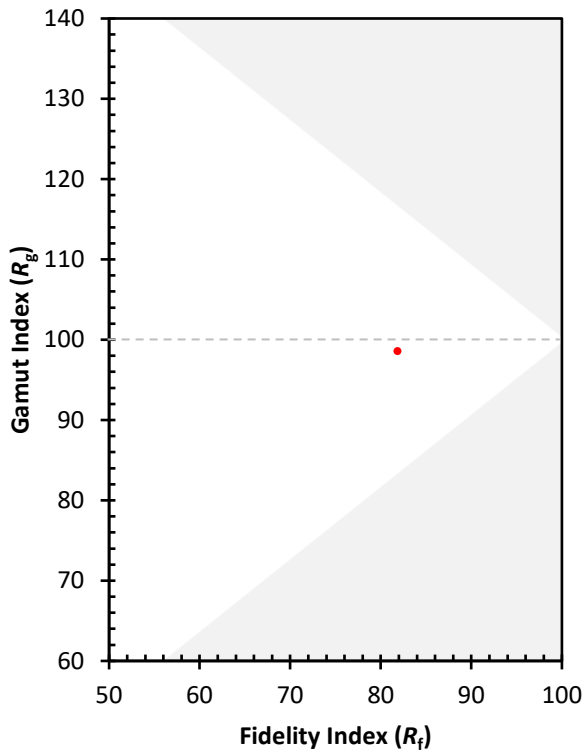
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)