

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: P1047795

Luminaire Tested: **GALN-SA7C-735-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047795
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-735-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37946.1 lumens
Efficiency: N/A
Efficacy: 115.0 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): 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

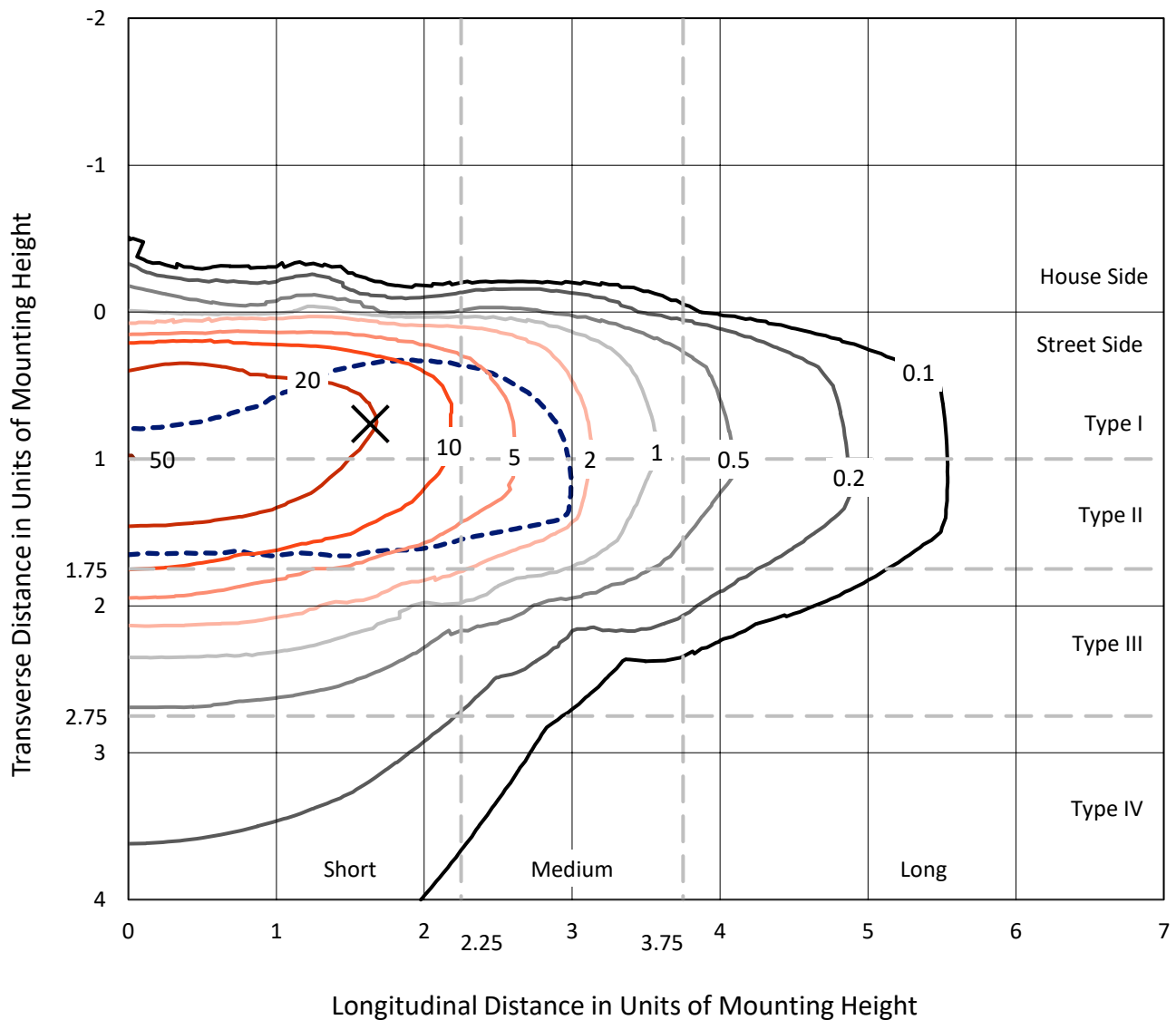


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

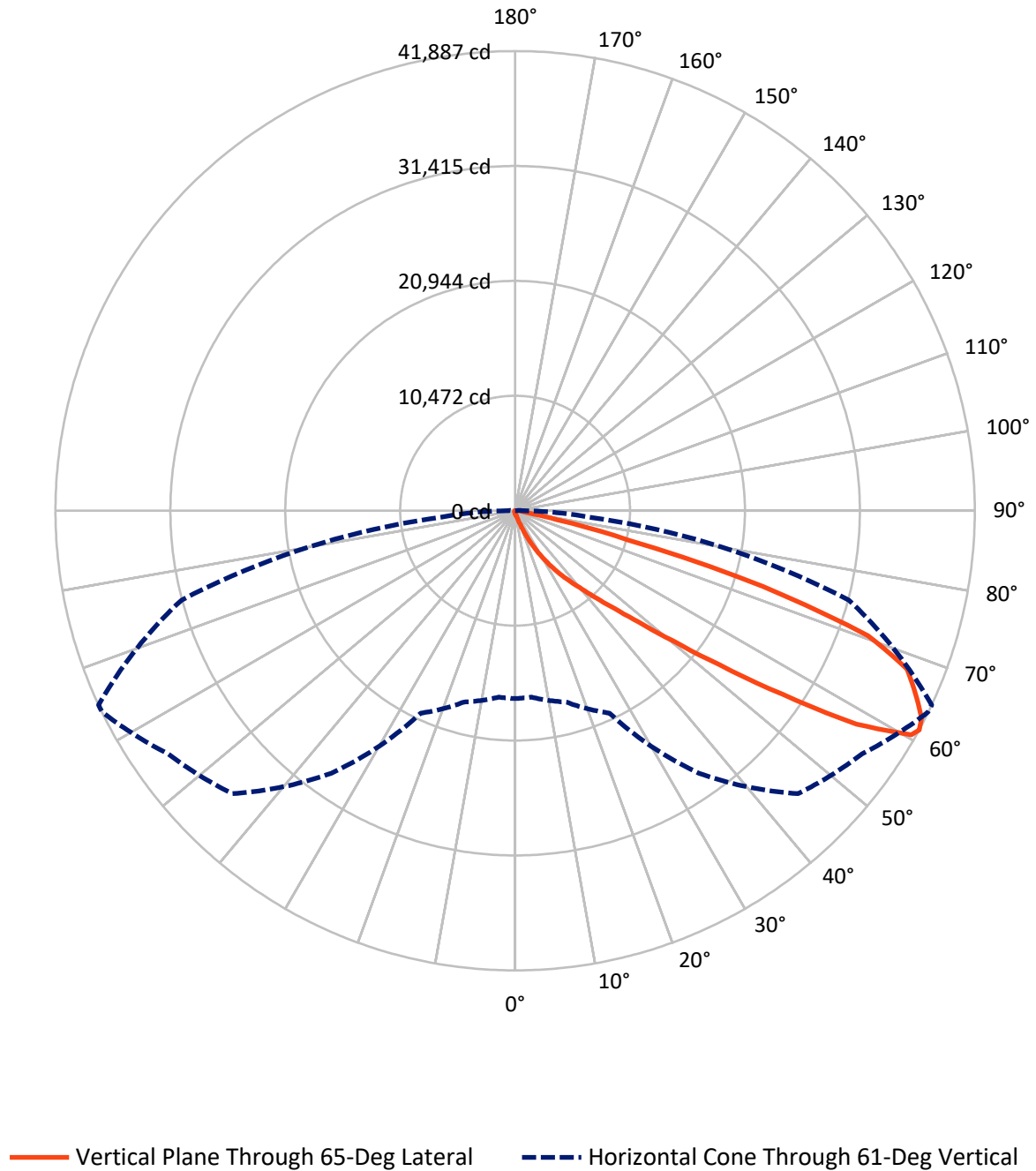


Based on 15 foot mounting height. Maximum calculated value = 50.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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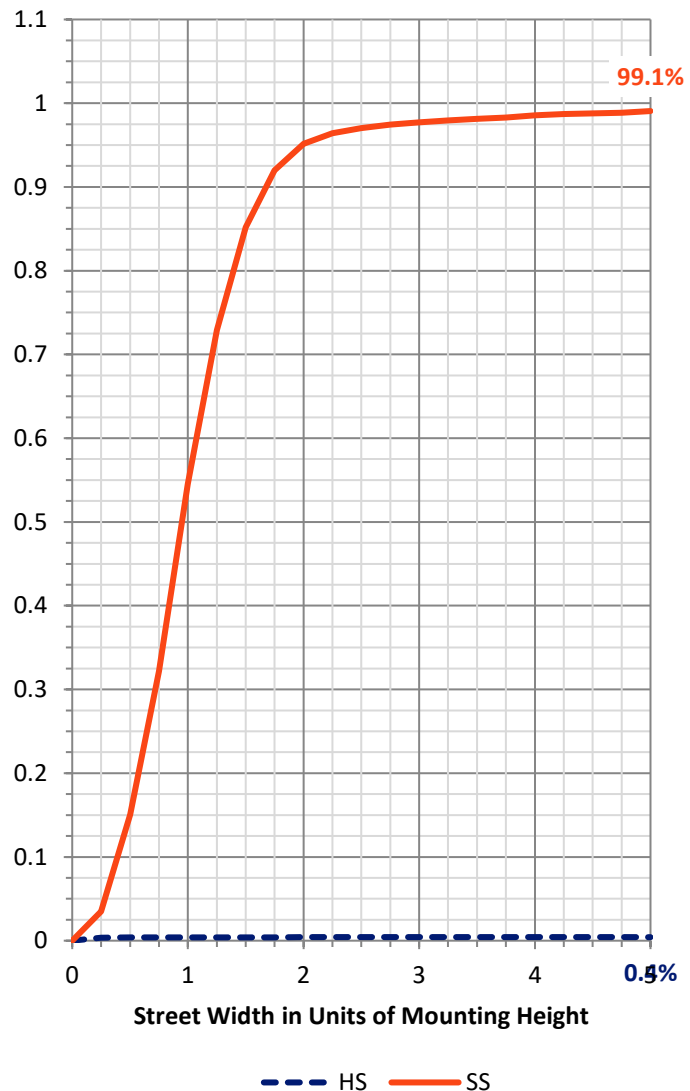
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	162.0	0.0	162.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	37784.1	0.0	37784.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	37946.1	0.0	37946.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.5	0.1
10°-20°	312.0	0.8
20°-30°	1119.8	3.0
30°-40°	2981.5	7.9
40°-50°	7832.3	20.6
50°-60°	12133.7	32.0
60°-70°	10173.9	26.8
70°-80°	2994.0	7.9
80°-90°	369.3	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°	37946.1	100.0
0°-180°	37946.1	100.0



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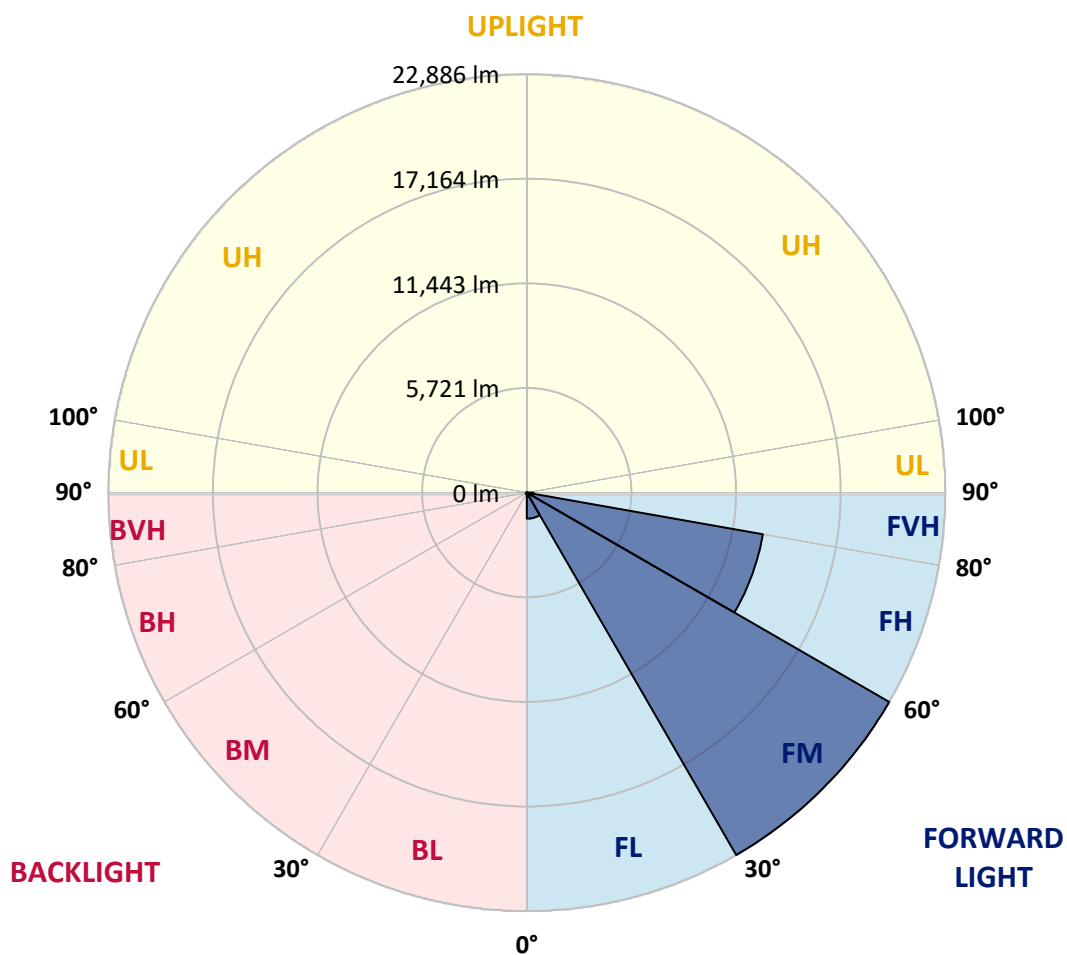
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1425.1	3.8			
FM	(30°-60°)	22885.8	60.3			
FH	(60°-80°)	13110.8	34.6			G5
FVH	(80°-90°)	362.5	1.0			G3/500
BL	(0°-30°)	36.3	0.1	B0/110		
BM	(30°-60°)	61.7	0.2	B0/220		
BH	(60°-80°)	57.1	0.2	B0/110		G0/110
BVH	(80°-90°)	6.9	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3
2.5°	281.9	284.5	279.3	268.9	261.0	261.0	258.4	250.6	250.6	242.8	237.5
5°	394.2	388.9	378.5	357.6	339.3	321.1	302.8	284.5	281.9	258.4	242.8
7.5°	644.7	650.0	616.0	550.8	496.0	425.5	360.2	321.1	315.8	276.7	245.4
10°	1414.8	1375.6	1297.3	1044.1	858.8	647.3	480.3	373.3	368.0	297.6	250.6
12.5°	2579.0	2547.6	2404.1	2143.0	1665.4	1159.0	702.2	462.0	446.4	315.8	253.2
15°	3717.0	3667.4	3589.1	3325.5	2766.9	2077.8	1148.5	631.7	589.9	341.9	250.6
17.5°	4442.7	4450.5	4380.0	4267.8	3907.6	3074.9	1983.8	942.3	861.4	388.9	245.4
20°	5077.0	5058.7	5097.9	5037.8	4784.6	4179.1	2887.0	1493.1	1354.7	464.6	248.0
22.5°	5807.9	5852.2	5881.0	5867.9	5588.6	5071.8	3912.8	2234.4	2059.5	603.0	255.8
25°	6786.7	6781.5	6784.1	6750.2	6478.7	5904.5	4941.3	3155.8	2978.3	827.5	274.1
27.5°	7812.6	7843.9	7856.9	7734.3	7379.3	6815.4	5894.0	4163.4	3954.6	1187.7	297.6
30°	9214.3	9188.2	9128.1	8877.6	8446.9	7747.3	6833.7	5220.6	5001.3	1691.5	334.1
32.5°	11104.1	11075.4	10772.6	10219.2	9574.5	8718.3	7778.6	6280.3	6014.1	2320.5	383.7
35°	14218.2	14262.6	13518.6	12085.6	10929.2	9885.1	8825.4	7334.9	7100.0	3095.8	451.6
37.5°	18987.2	18744.4	17734.2	15202.3	12712.1	11341.7	9825.1	8399.9	8196.3	4051.2	540.3
40°	23620.4	23380.3	23087.9	20689.1	15810.5	12947.0	11224.2	9650.2	9386.6	5129.2	670.8
42.5°	28491.2	28358.1	28345.0	26536.1	21464.3	15471.1	12907.8	11114.6	10890.1	6311.7	884.9
45°	31942.0	31808.9	32088.2	32404.0	29164.7	20879.6	15839.2	13017.5	12691.2	7747.3	1226.8
47.5°	32406.6	32411.8	33158.4	34147.7	34886.4	29245.6	19744.2	15539.0	15142.2	9801.6	1801.1
50°	30861.3	30921.4	32109.1	33878.8	35867.9	36264.6	26630.1	19198.6	18611.3	12237.0	2615.5
52.5°	27919.6	27987.4	29642.3	32552.8	34964.7	37950.9	34737.6	23985.9	23309.8	15275.4	3764.0
55°	25270.1	25311.9	27209.6	30887.4	33876.2	37034.6	39551.0	30378.4	29490.9	19013.3	4896.9
57.5°	22646.8	22550.2	23784.9	27995.2	33690.9	35909.6	40261.0	37663.7	36684.9	23098.4	5779.2
60°	19138.6	18976.7	19968.6	22646.8	31252.9	36648.3	38932.3	41694.0	41472.1	28786.2	6460.4
61°	17120.8	17053.0	18050.1	20347.1	29201.2	36460.4	38613.9	41863.7	41887.2	31477.4	6765.8
62.5°	12226.6	12419.7	13944.1	16930.3	24458.3	35241.4	38655.6	41339.0	41571.3	35053.4	7556.8
65°	5434.6	5745.2	6930.3	9360.5	14223.4	29316.1	38285.0	40187.9	40073.0	36034.9	10281.9
67.5°	3223.7	3270.7	3860.6	5304.1	7533.3	15768.7	33784.9	38666.1	38512.1	31370.3	12793.0
70°	2539.8	2563.3	2751.2	3328.1	4372.2	6040.2	19282.1	33453.3	34124.2	25437.2	12524.1
72.5°	2409.3	2404.1	2430.2	2532.0	2753.8	2996.6	7465.4	22237.0	23602.1	18318.9	10501.2
75°	2378.0	2367.5	2341.4	2302.3	1994.3	1764.5	2312.7	9835.5	10626.4	12516.3	7906.5
77.5°	2307.5	2310.1	2315.3	2208.3	1709.7	1247.7	1119.8	3155.8	3881.5	7943.1	5619.9
80°	1560.9	1584.4	1623.6	1581.8	1537.5	903.2	790.9	1122.4	1138.1	4458.4	3711.8
82.5°	790.9	790.9	772.6	689.1	595.1	587.3	629.1	814.4	824.8	2255.3	1746.3
85°	477.7	503.8	514.2	467.2	428.1	394.2	480.3	647.3	670.8	874.4	407.2
87.5°	107.0	109.6	120.1	159.2	232.3	315.8	446.4	592.5	603.0	561.2	49.6
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3	232.3
2.5°	234.9	229.7	227.1	219.3	211.4	203.6	198.4	195.8	198.4	201.0	201.0
5°	232.3	224.5	211.4	198.4	187.9	177.5	167.1	164.4	164.4	167.1	167.1
7.5°	232.3	219.3	201.0	185.3	169.7	154.0	146.2	141.0	143.6	143.6	143.6
10°	232.3	216.7	193.2	169.7	151.4	133.1	120.1	114.9	114.9	114.9	114.9
12.5°	229.7	214.0	185.3	156.6	130.5	109.6	94.0	86.1	88.7	88.7	88.7
15°	224.5	206.2	174.9	133.1	104.4	83.5	67.9	60.0	62.6	67.9	70.5
17.5°	216.7	198.4	156.6	112.2	83.5	62.6	47.0	41.8	44.4	52.2	52.2
20°	214.0	190.6	138.3	91.4	62.6	44.4	31.3	26.1	28.7	39.2	41.8
22.5°	214.0	185.3	125.3	75.7	47.0	28.7	18.3	10.4	10.4	18.3	18.3
25°	216.7	182.7	114.9	62.6	33.9	20.9	10.4	5.2	10.4	28.7	33.9
27.5°	221.9	180.1	109.6	52.2	26.1	18.3	7.8	18.3	31.3	31.3	31.3
30°	227.1	174.9	101.8	44.4	23.5	13.1	13.1	26.1	26.1	31.3	33.9
32.5°	234.9	172.3	96.6	39.2	18.3	10.4	18.3	15.7	15.7	18.3	20.9
35°	250.6	174.9	91.4	39.2	18.3	13.1	15.7	7.8	5.2	5.2	5.2
37.5°	271.5	177.5	83.5	33.9	15.7	15.7	7.8	0.0	0.0	0.0	0.0
40°	305.4	185.3	78.3	31.3	13.1	13.1	2.6	0.0	0.0	0.0	0.0
42.5°	362.8	201.0	75.7	28.7	13.1	10.4	0.0	0.0	0.0	0.0	0.0
45°	477.7	237.5	70.5	26.1	13.1	5.2	0.0	0.0	0.0	0.0	0.0
47.5°	686.5	323.7	67.9	20.9	7.8	0.0	0.0	0.0	0.0	0.0	0.0
50°	1002.3	438.5	65.3	18.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1279.0	462.0	44.4	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1310.4	318.5	33.9	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1044.1	206.2	28.7	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	790.9	156.6	26.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	759.6	141.0	26.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	837.9	122.7	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1362.6	101.8	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2367.5	88.7	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2991.4	83.5	15.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2607.7	75.7	15.7	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	1568.8	65.3	15.7	10.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	822.2	49.6	15.7	13.1	7.8	2.6	0.0	0.0	0.0	0.0	0.0
80°	399.4	44.4	18.3	13.1	10.4	5.2	0.0	0.0	0.0	0.0	0.0
82.5°	156.6	36.5	20.9	18.3	13.1	7.8	2.6	0.0	0.0	0.0	0.0
85°	70.5	31.3	23.5	20.9	18.3	10.4	2.6	0.0	0.0	0.0	0.0
87.5°	36.5	28.7	26.1	23.5	18.3	13.1	5.2	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

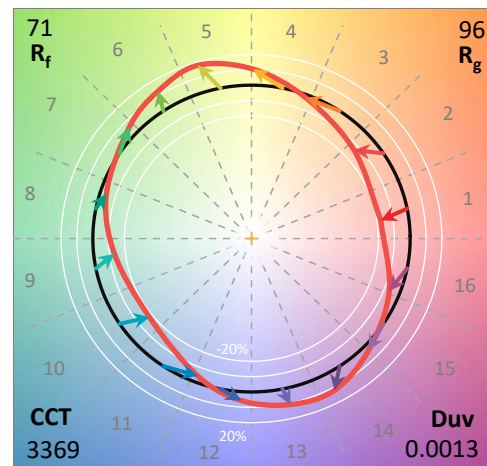
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

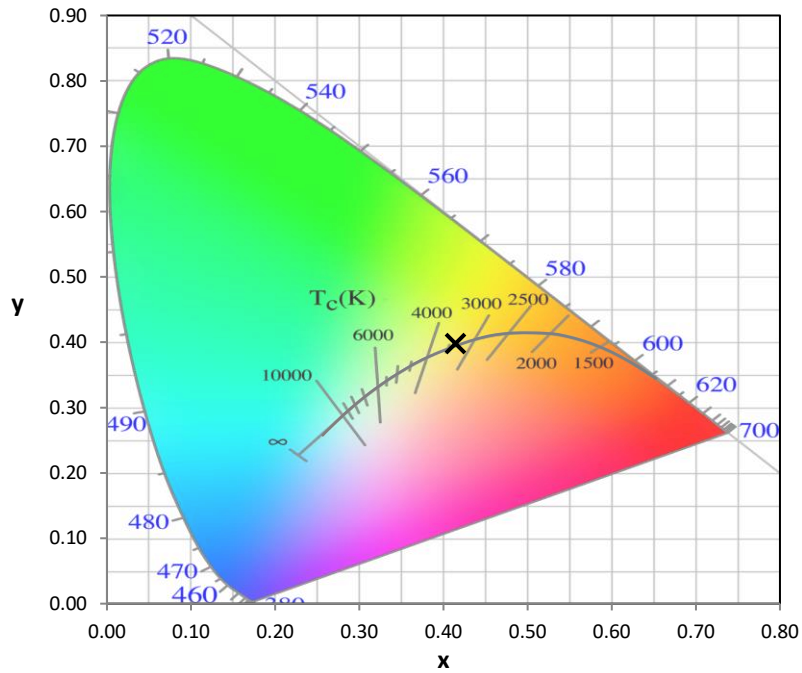
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

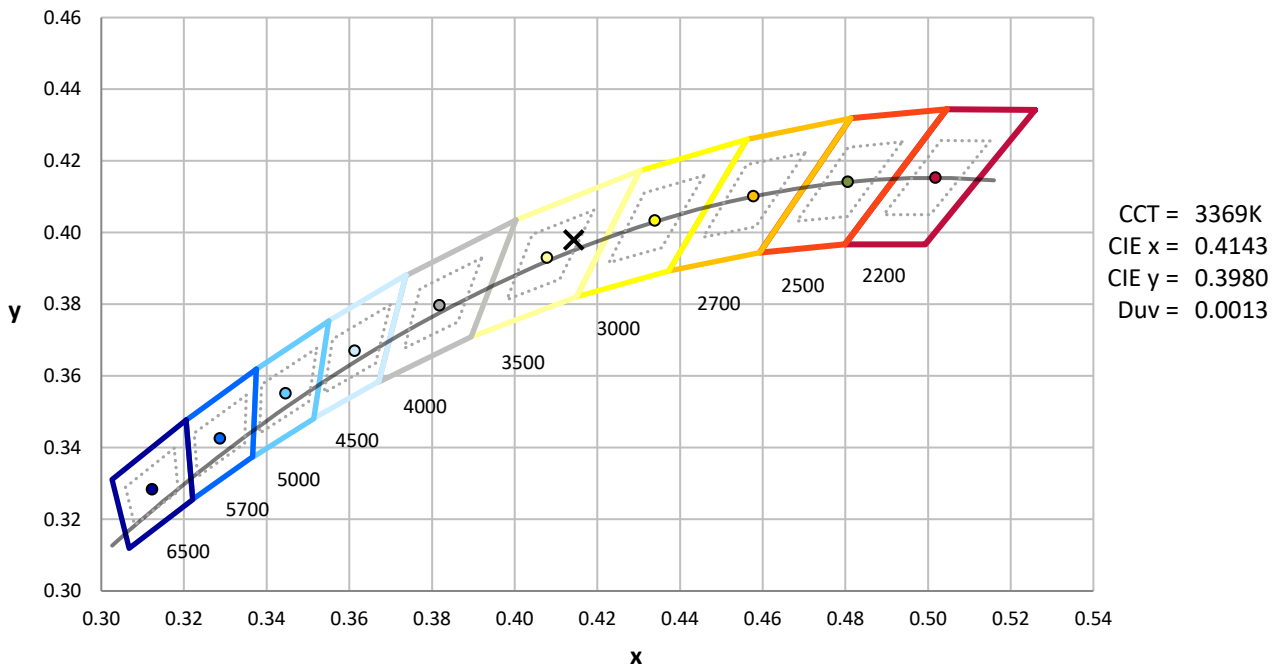
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



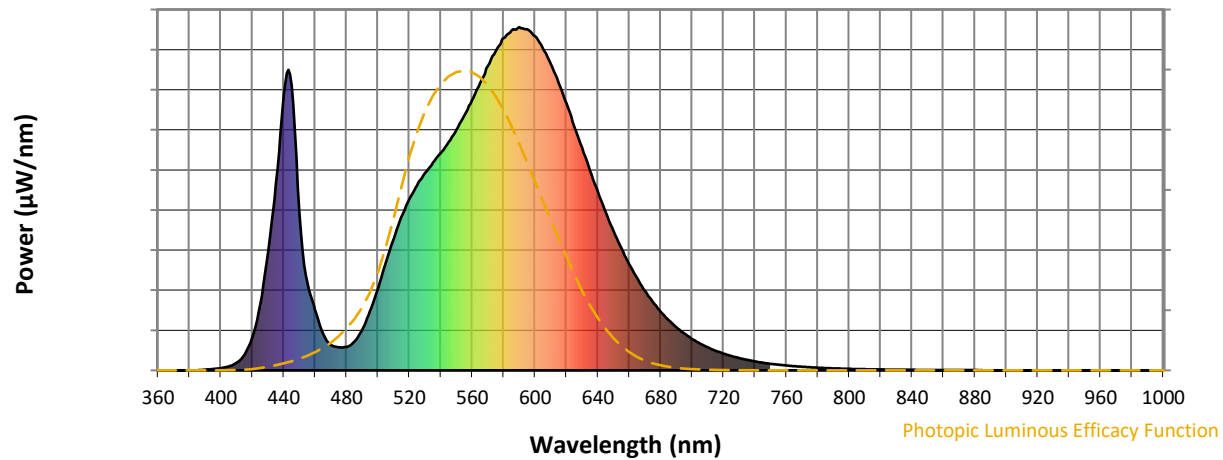
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

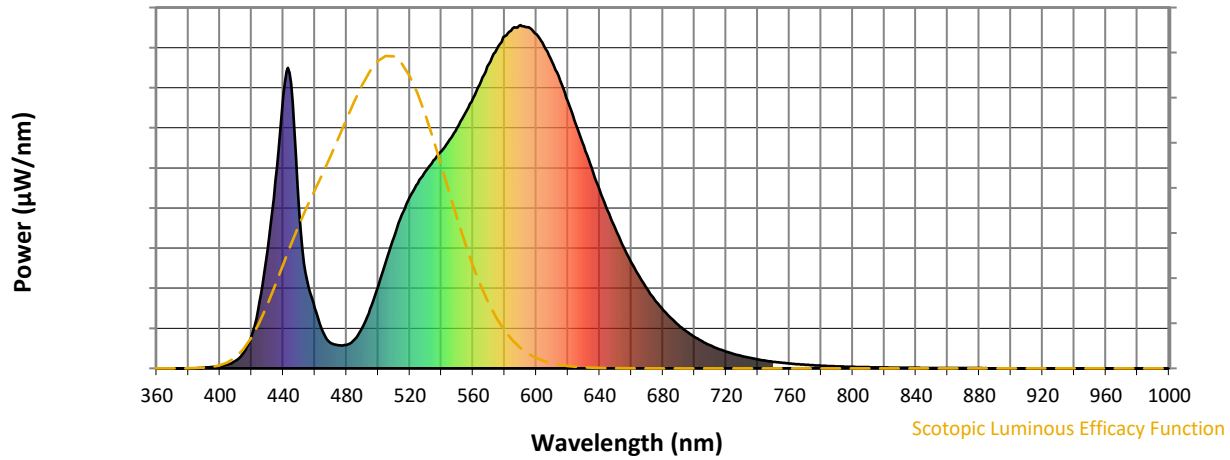


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



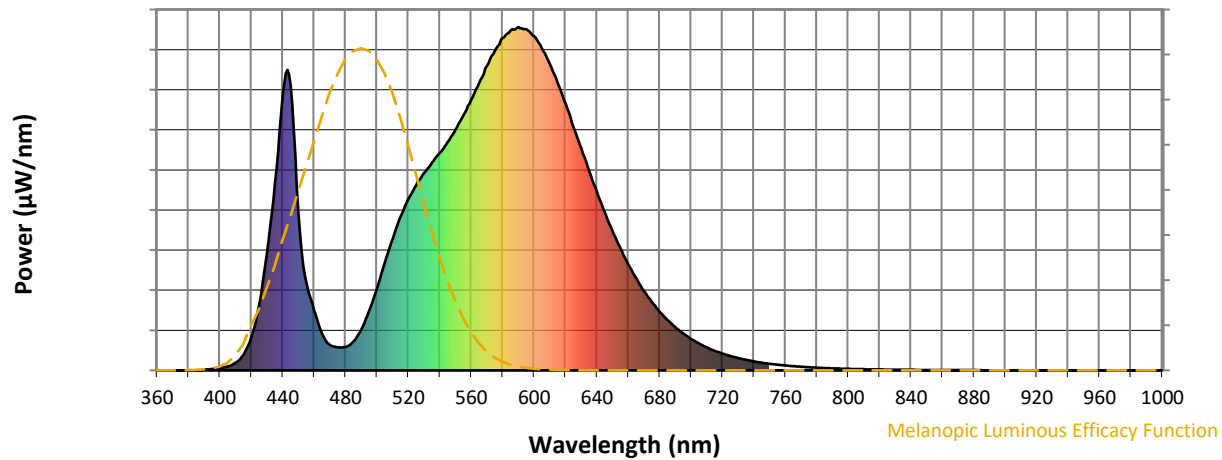
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

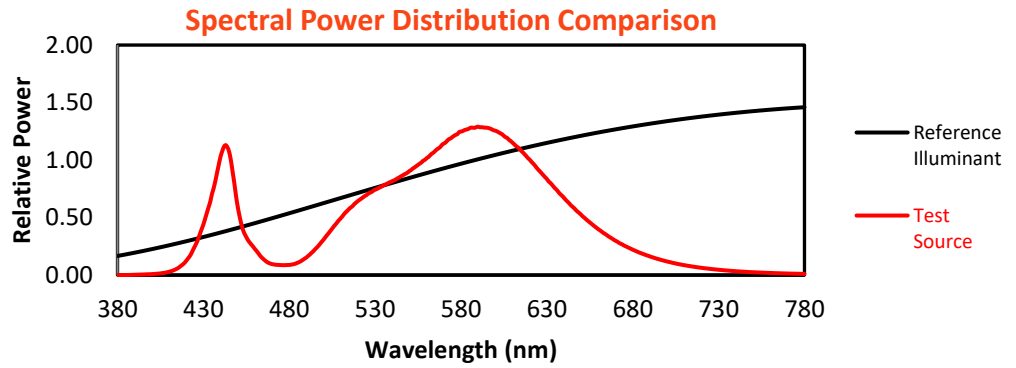
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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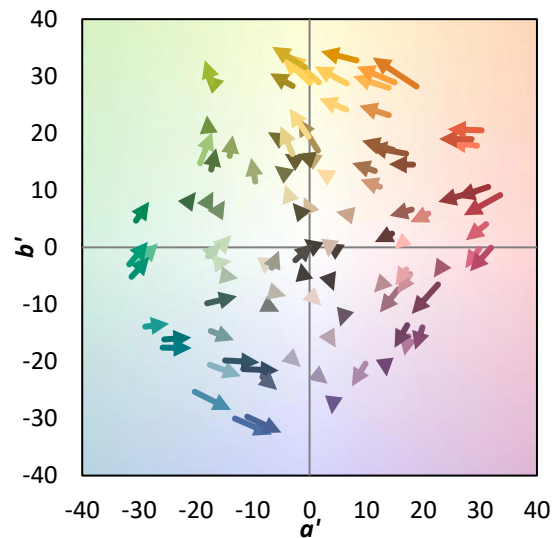
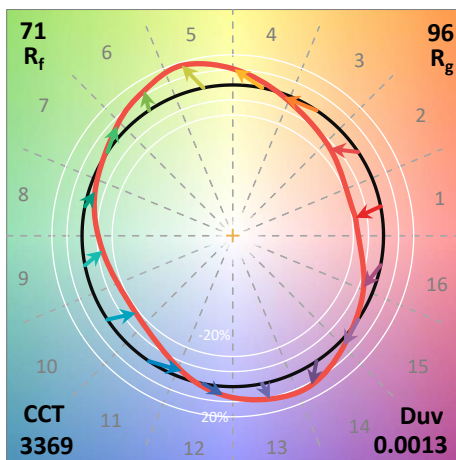
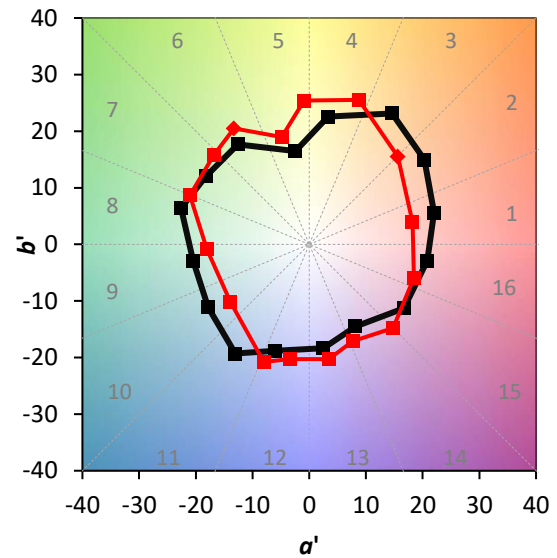
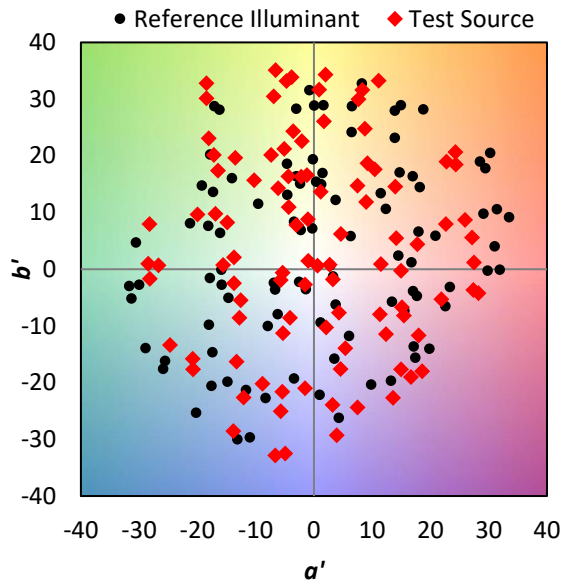
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$

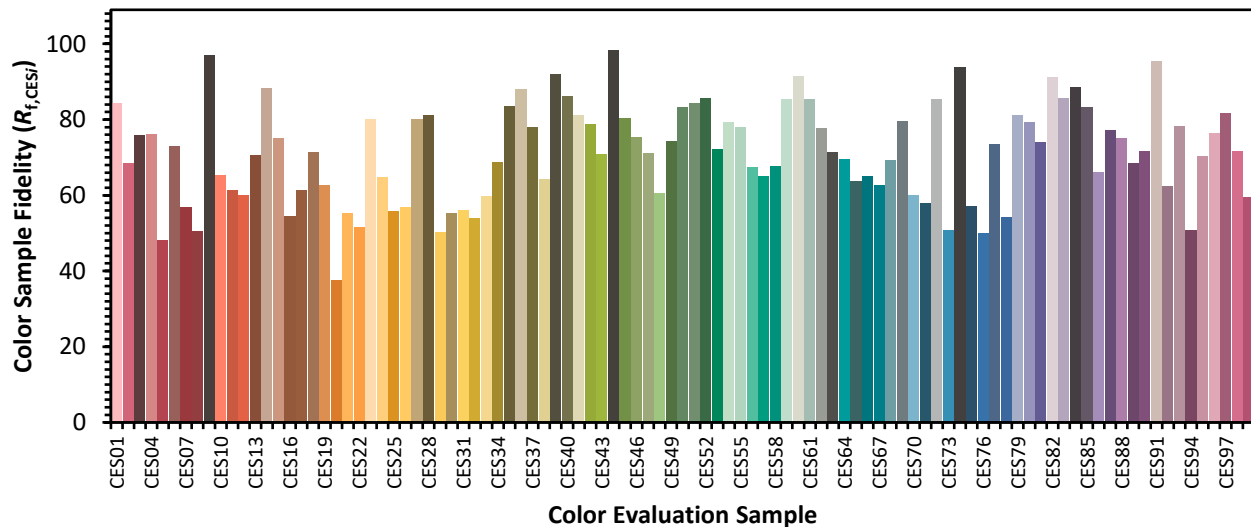


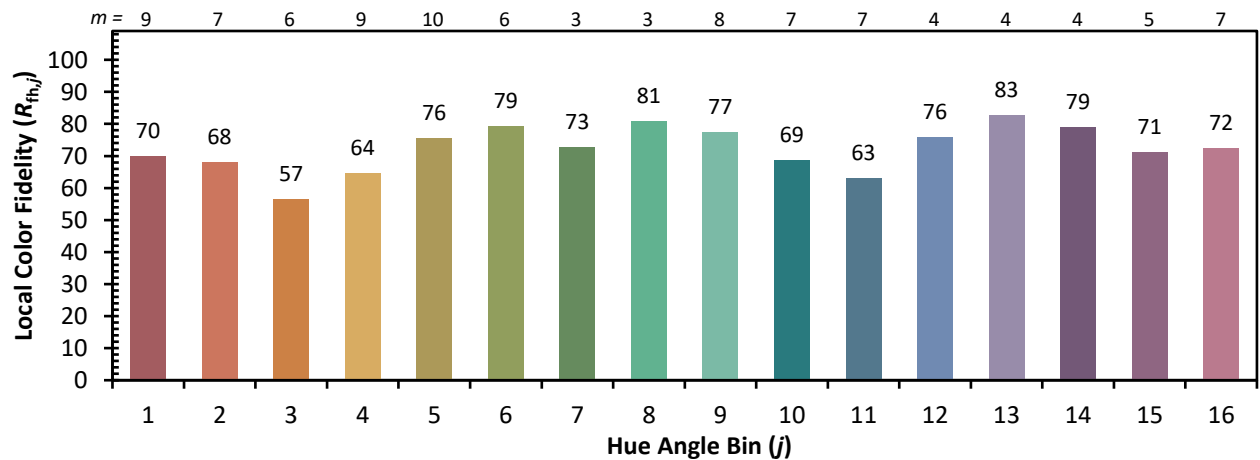
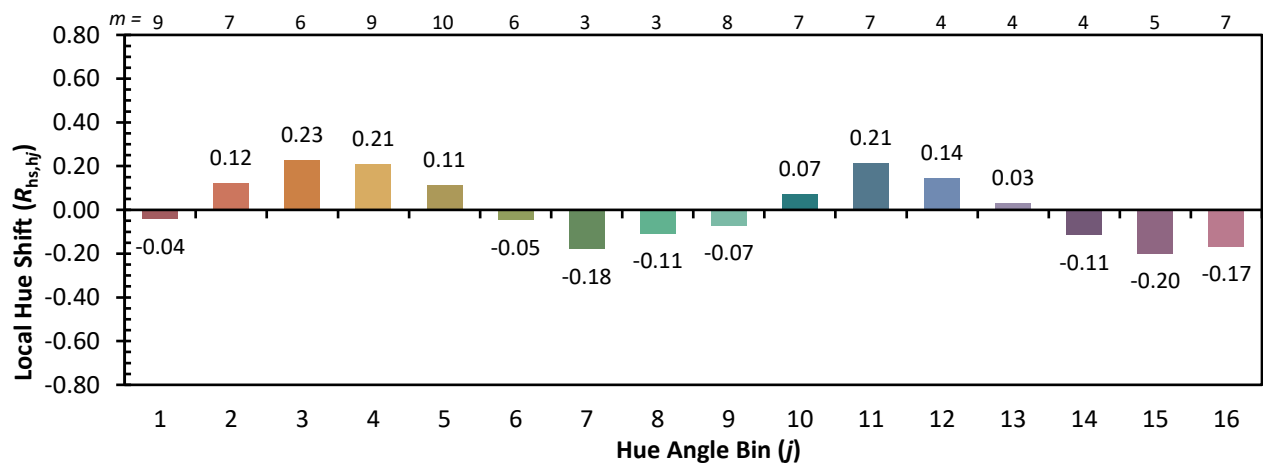
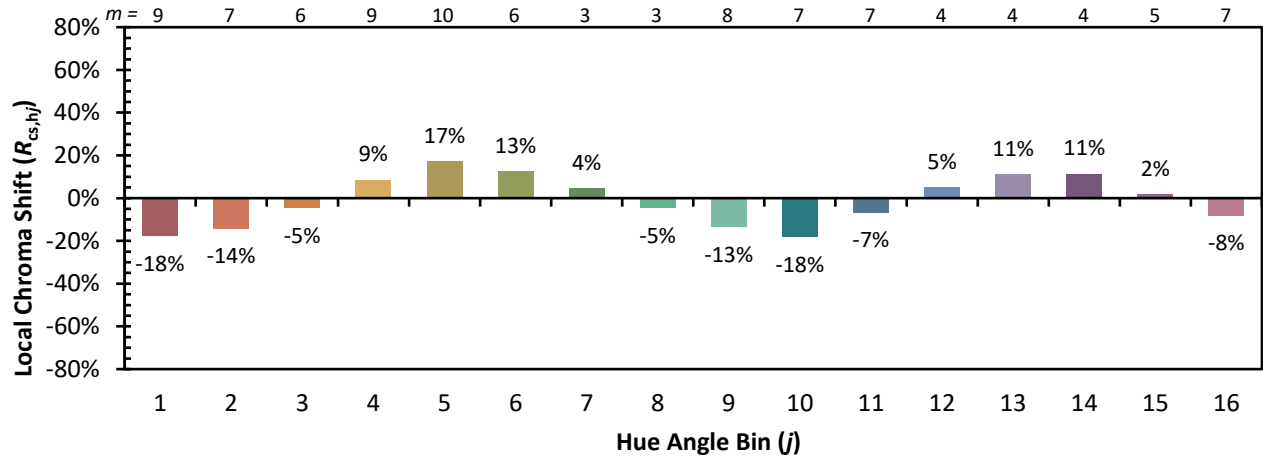
Color Vector Graphics



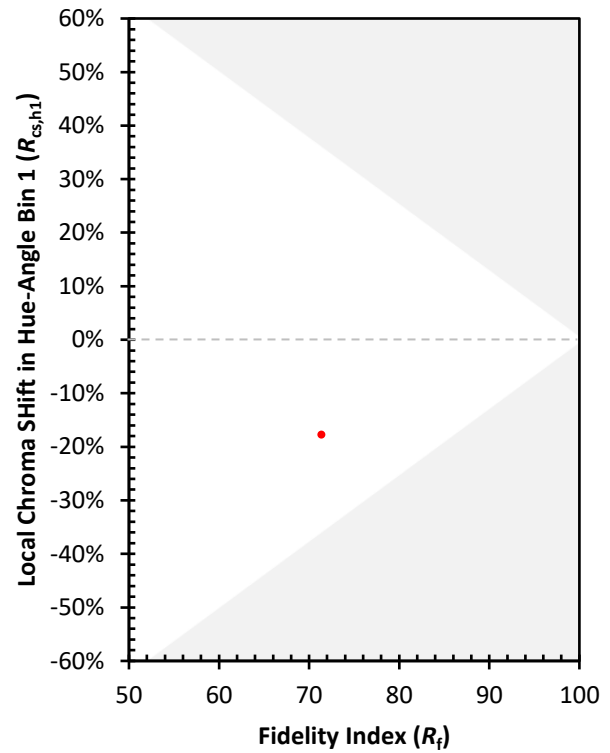
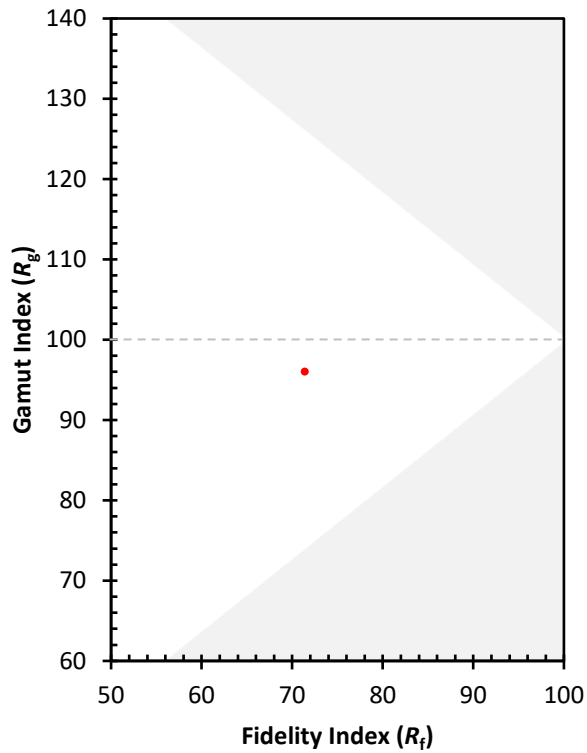
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)