

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: P1047183

Luminaire Tested: **GALN-SA7C-735-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047183
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-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39875.5 lumens
Efficiency: N/A
Efficacy: 120.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - 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

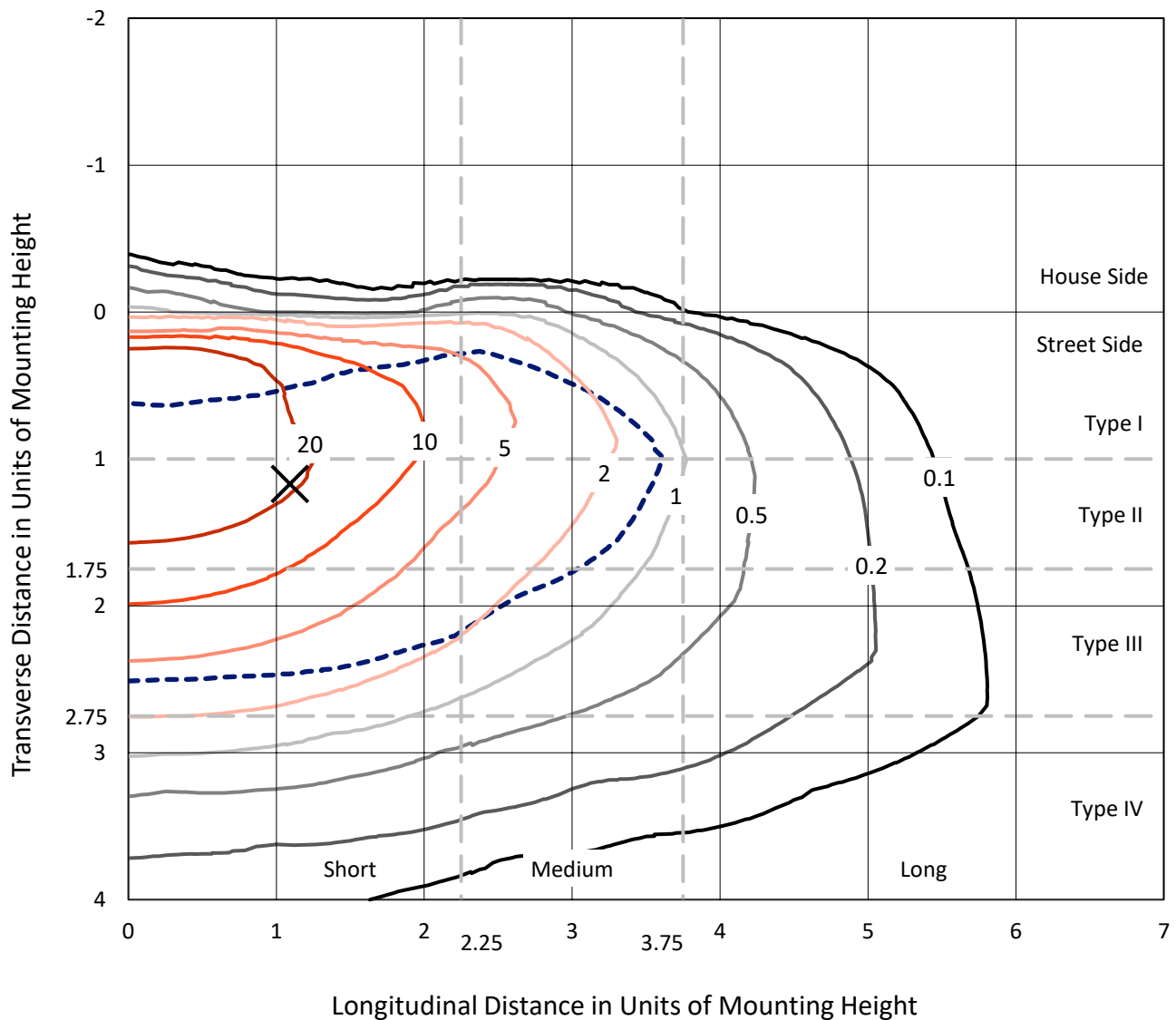


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

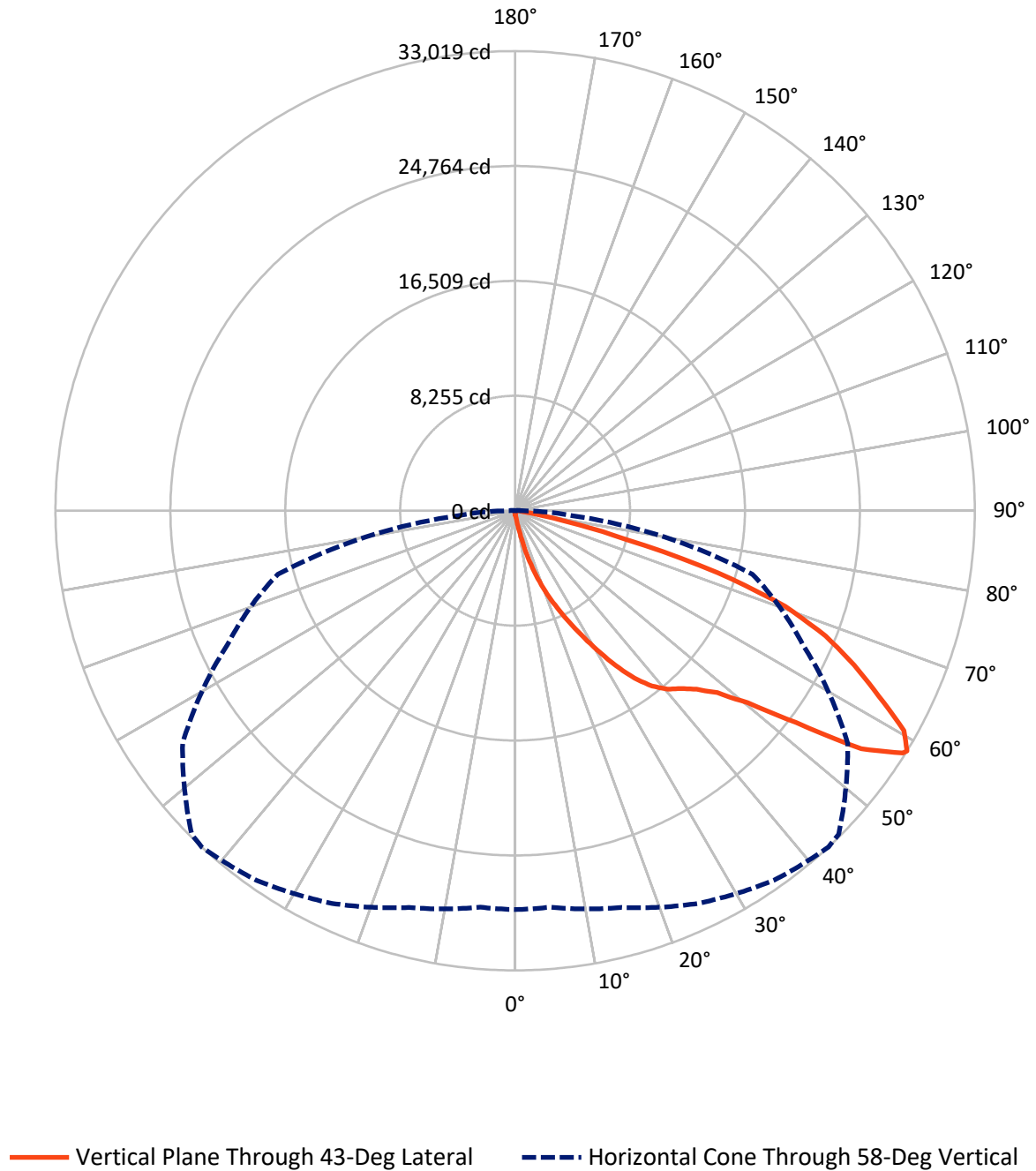


Based on 15 foot mounting height. Maximum calculated value = 44.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	145.6	0.0	145.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	39729.9	0.0	39729.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	39875.5	0.0	39875.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.2	0.1
10°-20°	458.4	1.1
20°-30°	1652.1	4.1
30°-40°	3779.9	9.5
40°-50°	6375.3	16.0
50°-60°	10520.8	26.4
60°-70°	11758.4	29.5
70°-80°	4854.8	12.2
80°-90°	437.7	1.1
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°	39875.5	100.0
0°-180°	39875.5	100.0



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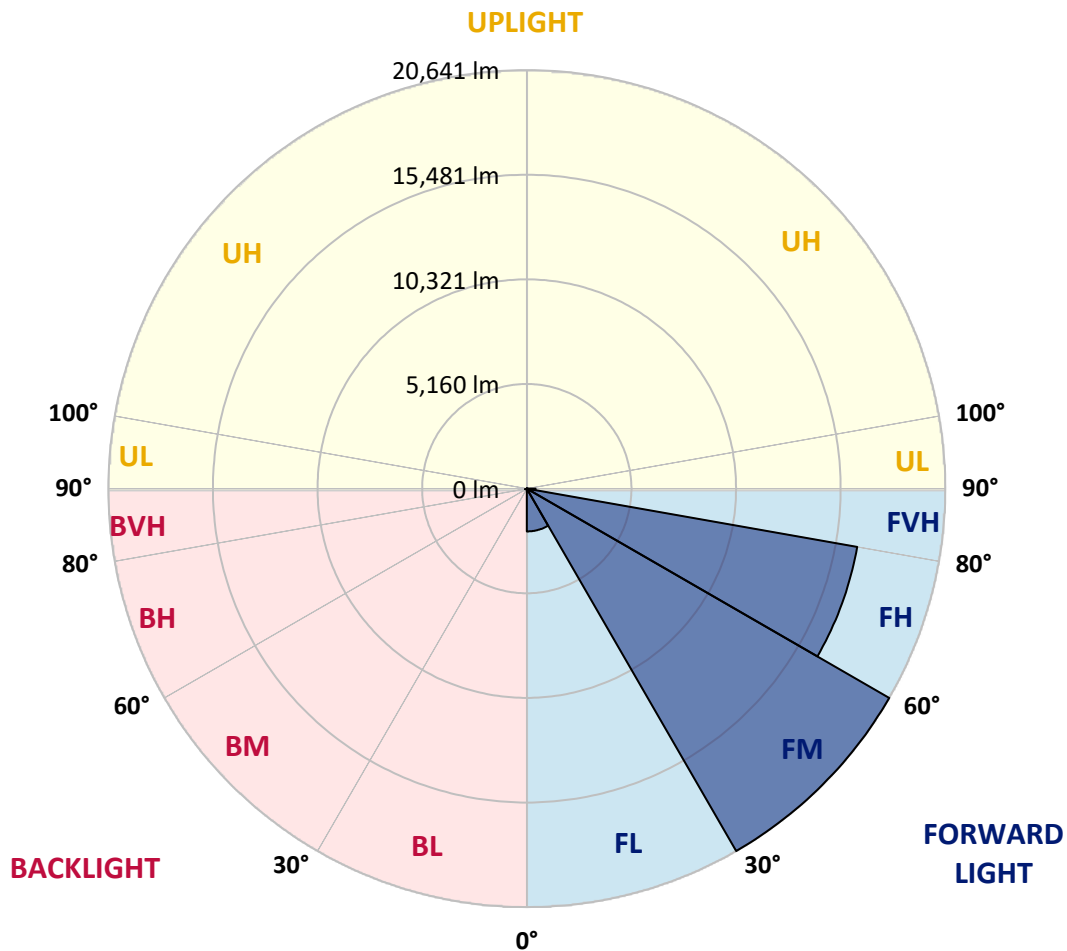
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2110.7	5.3			
FM	(30°-60°)	20641.1	51.8			
FH	(60°-80°)	16546.5	41.5			G5
FVH	(80°-90°)	431.7	1.1			G3/500
BL	(0°-30°)	38.0	0.1	B0/110		
BM	(30°-60°)	34.9	0.1	B0/220		
BH	(60°-80°)	66.7	0.2	B0/110		G0/110
BVH	(80°-90°)	6.0	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	260.7	260.7	260.7	260.7	260.7	260.7	260.7	260.7	260.7	260.7	260.7
2.5°	312.9	323.3	312.9	312.9	312.9	302.4	302.4	292.0	292.0	281.6	271.2
5°	458.9	458.9	427.6	406.7	385.9	375.4	365.0	344.2	323.3	302.4	281.6
7.5°	1022.1	1022.1	928.2	803.0	636.2	542.3	521.5	427.6	365.0	323.3	281.6
10°	2440.4	2440.4	2231.8	1887.7	1460.1	1084.6	969.9	615.3	438.0	344.2	292.0
12.5°	4056.9	4109.1	3848.3	3410.3	2774.1	2117.1	1887.7	1126.3	584.0	375.4	292.0
15°	5506.6	5381.4	5308.4	4891.2	4286.4	3504.2	3212.2	1898.1	844.8	427.6	292.0
17.5°	6486.9	6486.9	6382.6	6101.0	5548.3	4860.0	4620.1	3066.2	1366.2	490.2	302.4
20°	7634.1	7634.1	7446.4	7248.2	6758.0	6174.0	5944.6	4359.4	2117.1	625.7	302.4
22.5°	9021.2	9042.0	8833.4	8478.8	8009.5	7362.9	7164.8	5558.7	3066.2	834.3	312.9
25°	10710.7	10731.5	10429.1	10095.4	9375.7	8677.0	8374.6	6935.3	4223.8	1168.1	312.9
27.5°	12577.5	12723.5	12275.0	11701.4	10940.1	10064.1	9834.6	8176.4	5371.0	1647.8	333.7
30°	14903.2	14903.2	14308.7	13505.7	12681.8	11597.1	11305.1	9480.0	6591.2	2284.0	354.6
32.5°	16905.6	16749.1	15987.8	15143.0	14267.0	13255.4	12942.5	10846.3	7842.7	3076.6	396.3
35°	18438.6	18303.0	17364.4	16457.1	15695.8	14767.6	14392.1	12327.2	9167.2	3973.5	458.9
37.5°	19752.7	19700.5	18428.2	17291.4	16790.8	15977.4	15643.6	13724.7	10470.8	4943.4	531.9
40°	21191.9	21025.0	19669.3	18261.3	17510.4	16853.4	16551.0	14851.0	11722.3	6080.2	636.2
42.5°	22422.5	22224.4	21004.2	19627.5	18344.8	17458.3	17166.3	15800.1	12942.5	7216.9	771.8
45°	23788.7	23684.5	22453.8	21410.9	19700.5	18282.2	17896.3	16561.4	14058.4	8572.7	949.0
47.5°	25843.3	25655.6	24508.4	23653.2	21671.6	19533.7	18980.9	17343.6	15132.6	9907.6	1220.2
50°	28231.5	28106.4	27428.5	26750.6	24779.5	21671.6	21014.6	18469.9	16332.0	11492.9	1574.8
52.5°	30181.8	30160.9	30244.4	30254.8	28763.4	25269.7	24289.3	20284.6	17708.6	13057.2	2075.4
55°	30140.1	30233.9	31151.7	32205.0	32319.7	30181.8	29232.7	23340.3	19502.4	14986.6	2774.1
57.5°	29013.7	28940.7	29910.6	31495.8	32611.8	32841.2	32684.8	28085.5	22203.5	17312.3	3848.3
58°	28648.7	28586.1	29503.9	31120.4	32403.2	33018.5	32862.1	29159.7	22808.4	17646.0	4140.3
60°	27324.2	27334.6	27877.0	29347.5	30630.2	32090.3	32236.3	32225.9	25822.4	19877.8	5610.8
62.5°	25572.1	25488.7	25989.3	27188.6	28315.0	29295.3	29545.6	32434.5	30233.9	22714.6	8416.3
65°	23152.6	23027.4	23559.3	24915.1	26124.9	26761.0	26771.5	29639.5	32309.3	25759.8	12421.0
67.5°	18657.6	18553.3	19617.1	21358.8	23225.6	24059.9	24435.4	25718.1	30557.2	27824.8	14715.4
70°	11430.3	11649.3	13130.2	15862.6	19053.9	20587.0	21150.2	21546.5	26020.6	27511.9	12306.3
72.5°	5277.1	5016.4	6278.3	8186.8	11826.6	15236.9	15820.9	17374.9	20628.7	23882.6	9177.6
75°	2461.3	2367.4	2659.4	3577.2	5360.6	8228.6	9292.3	13870.7	15820.9	16613.5	6622.5
77.5°	1261.9	1272.3	1512.2	1626.9	2211.0	3806.6	4369.8	9125.5	11597.1	9271.5	4442.8
80°	552.7	573.6	584.0	636.2	896.9	1470.5	1658.2	4234.2	7926.1	4724.4	2430.0
82.5°	354.6	365.0	365.0	365.0	427.6	584.0	667.5	1699.9	3952.6	2346.5	750.9
85°	187.7	187.7	208.6	260.7	302.4	354.6	375.4	542.3	1303.6	698.7	177.3
87.5°	104.3	114.7	125.1	156.4	198.2	239.9	260.7	375.4	500.6	479.7	41.7
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°	260.7	260.7	260.7	260.7	260.7	260.7	260.7	260.7	260.7	260.7	260.7
2.5°	271.2	260.7	250.3	239.9	229.4	219.0	219.0	219.0	219.0	219.0	219.0
5°	260.7	250.3	239.9	219.0	198.2	187.7	177.3	166.9	166.9	166.9	166.9
7.5°	260.7	250.3	219.0	198.2	177.3	156.4	135.6	135.6	135.6	135.6	135.6
10°	260.7	239.9	208.6	177.3	146.0	125.1	114.7	104.3	104.3	104.3	104.3
12.5°	260.7	229.4	198.2	156.4	125.1	104.3	93.9	83.4	83.4	83.4	83.4
15°	260.7	229.4	187.7	146.0	114.7	83.4	73.0	62.6	62.6	62.6	62.6
17.5°	250.3	219.0	177.3	125.1	93.9	62.6	52.1	41.7	41.7	52.1	52.1
20°	239.9	208.6	156.4	104.3	73.0	52.1	31.3	31.3	31.3	31.3	31.3
22.5°	239.9	208.6	146.0	93.9	62.6	31.3	20.9	20.9	20.9	20.9	31.3
25°	239.9	198.2	125.1	73.0	41.7	20.9	10.4	10.4	10.4	10.4	10.4
27.5°	239.9	198.2	114.7	62.6	31.3	20.9	10.4	0.0	0.0	0.0	0.0
30°	229.4	187.7	104.3	52.1	20.9	10.4	0.0	0.0	0.0	0.0	0.0
32.5°	229.4	177.3	83.4	41.7	20.9	10.4	0.0	0.0	0.0	0.0	0.0
35°	239.9	166.9	73.0	31.3	10.4	0.0	0.0	0.0	0.0	0.0	10.4
37.5°	250.3	156.4	62.6	20.9	10.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	260.7	146.0	62.6	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	281.6	146.0	52.1	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	302.4	146.0	41.7	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	344.2	156.4	41.7	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	375.4	166.9	31.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	417.2	156.4	31.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	469.3	156.4	31.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	511.0	146.0	31.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	531.9	135.6	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	636.2	125.1	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	990.8	104.3	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2012.8	93.9	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3754.5	83.4	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4202.9	93.9	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2649.0	73.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1397.5	73.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	698.7	73.0	10.4	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	323.3	52.1	10.4	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	135.6	31.3	20.9	10.4	10.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	62.6	31.3	20.9	20.9	10.4	10.4	0.0	0.0	0.0	0.0	0.0
87.5°	31.3	31.3	31.3	20.9	20.9	10.4	10.4	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

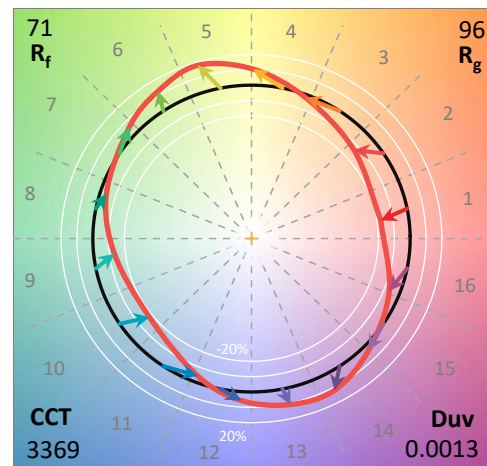
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

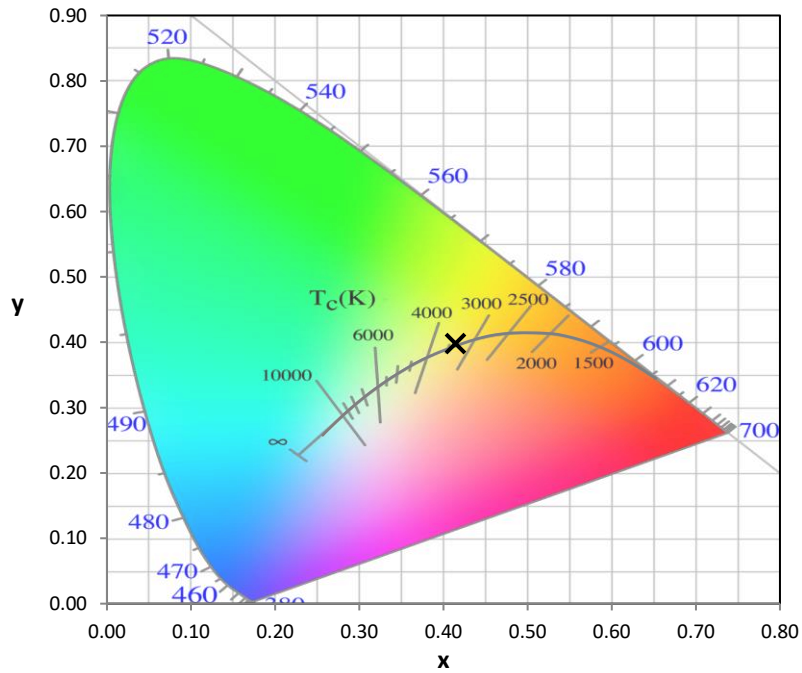
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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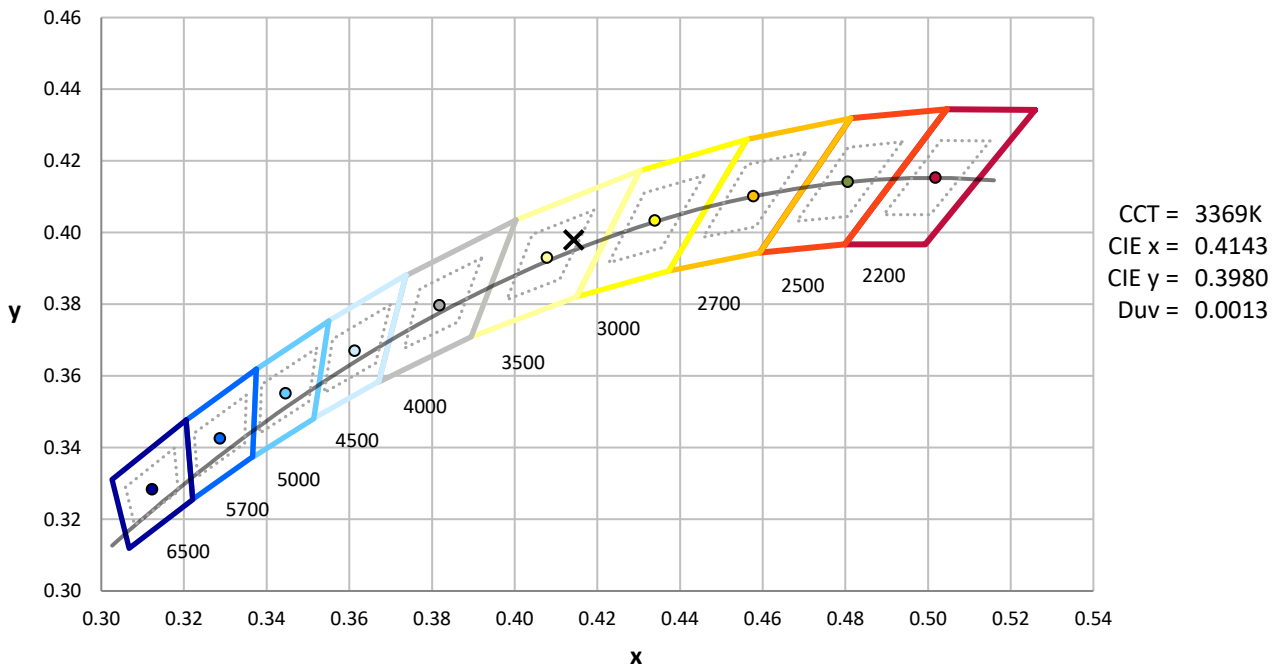
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



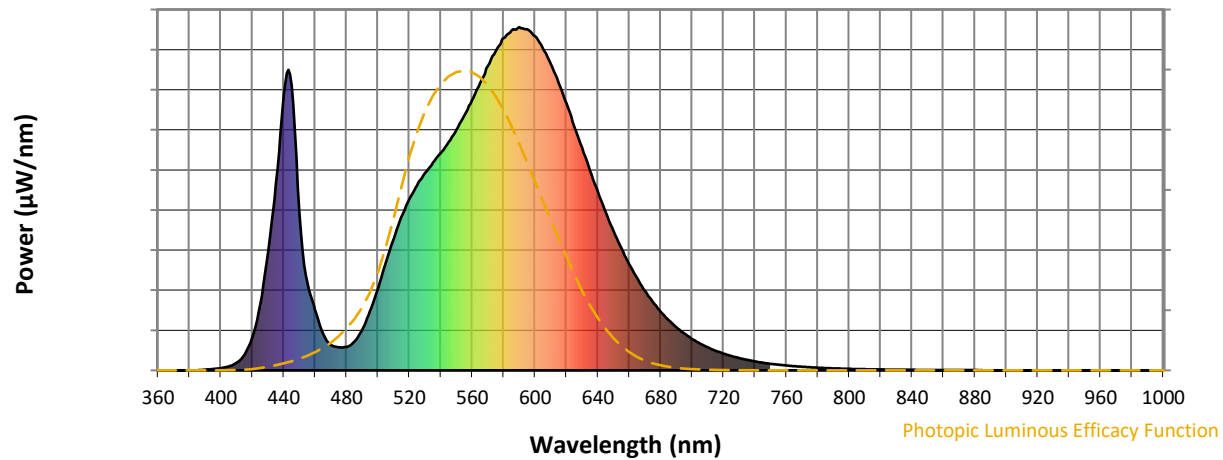
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

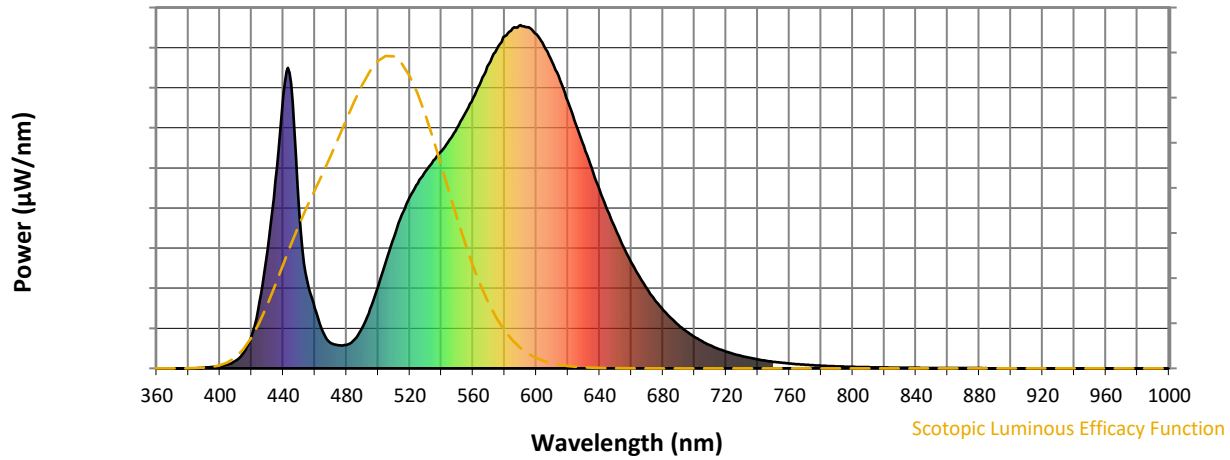


Photopic Lumens: NR

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



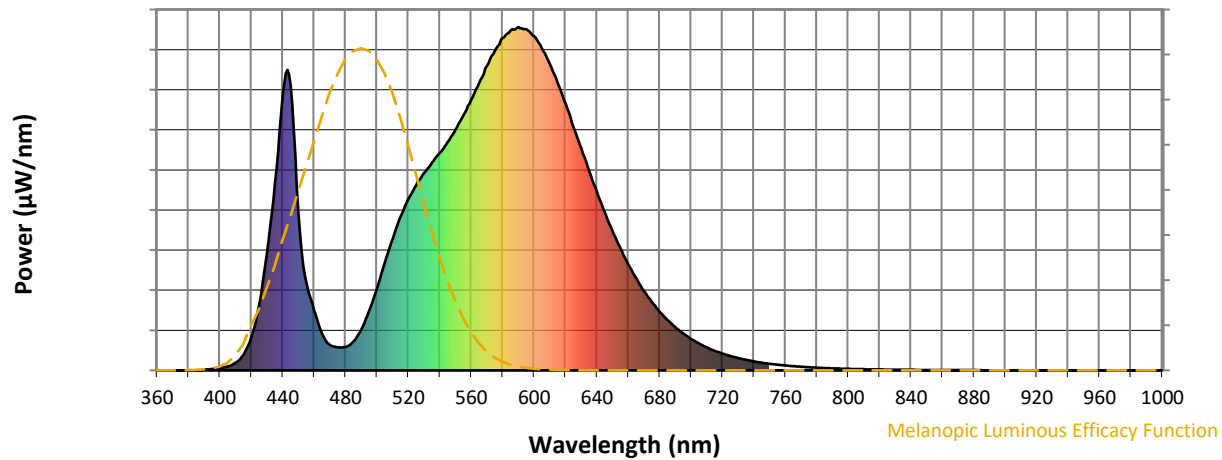
Scotopic Lumens: NR

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

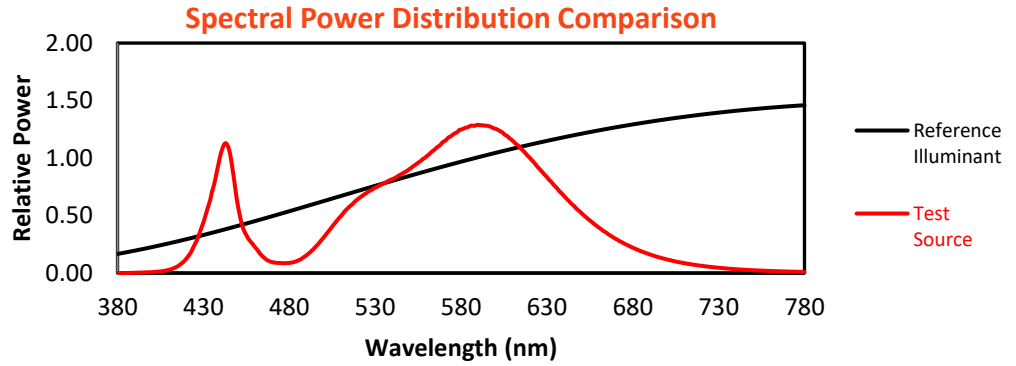
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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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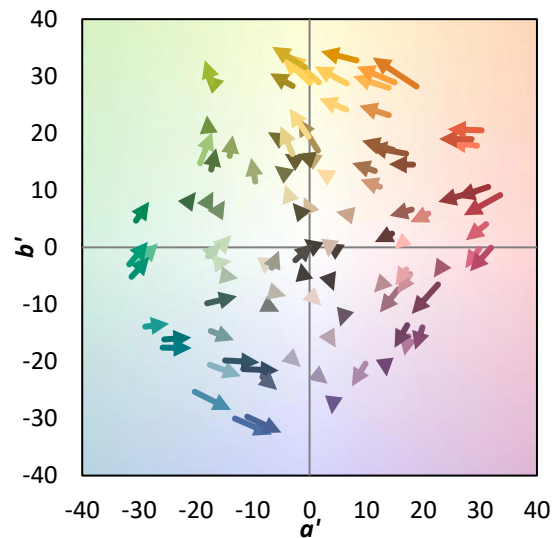
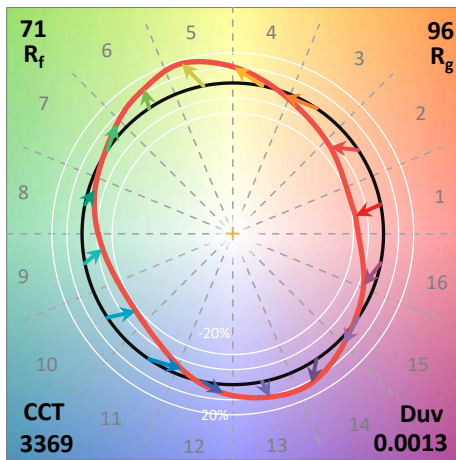
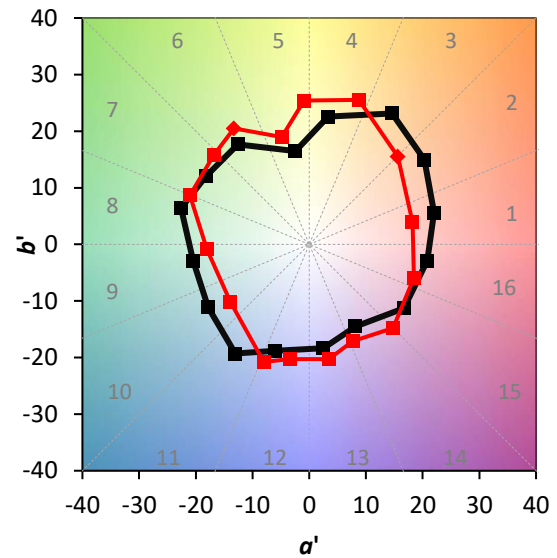
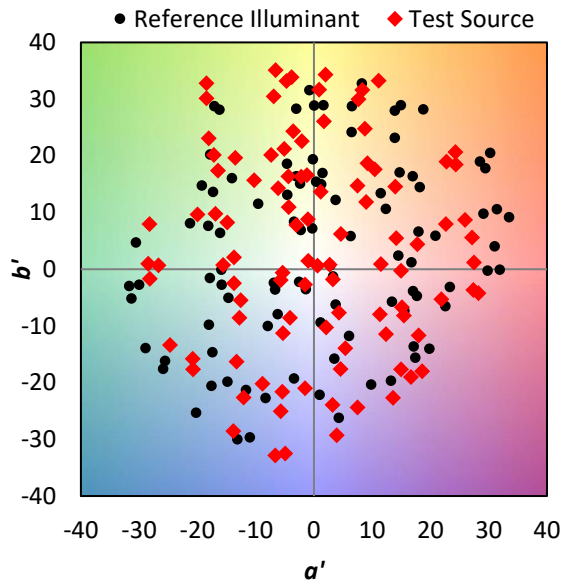
TM-30-18

Summary

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

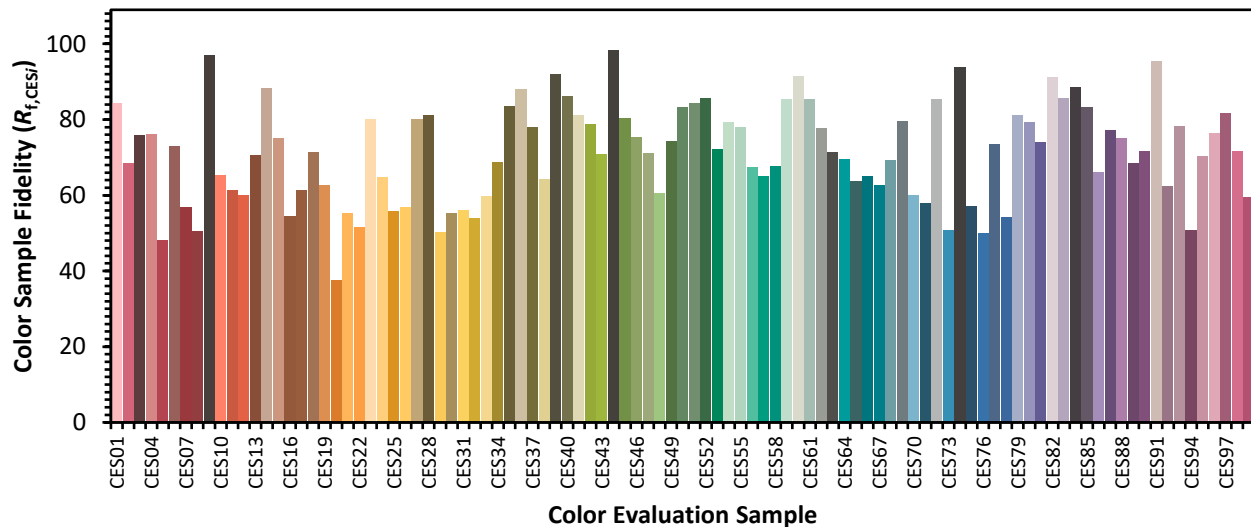


Color Vector Graphics

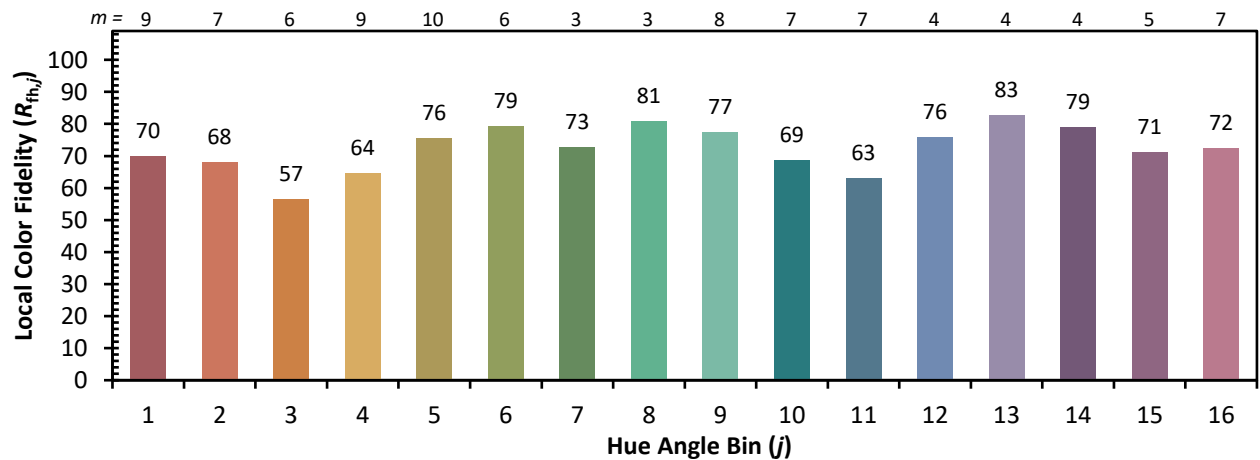
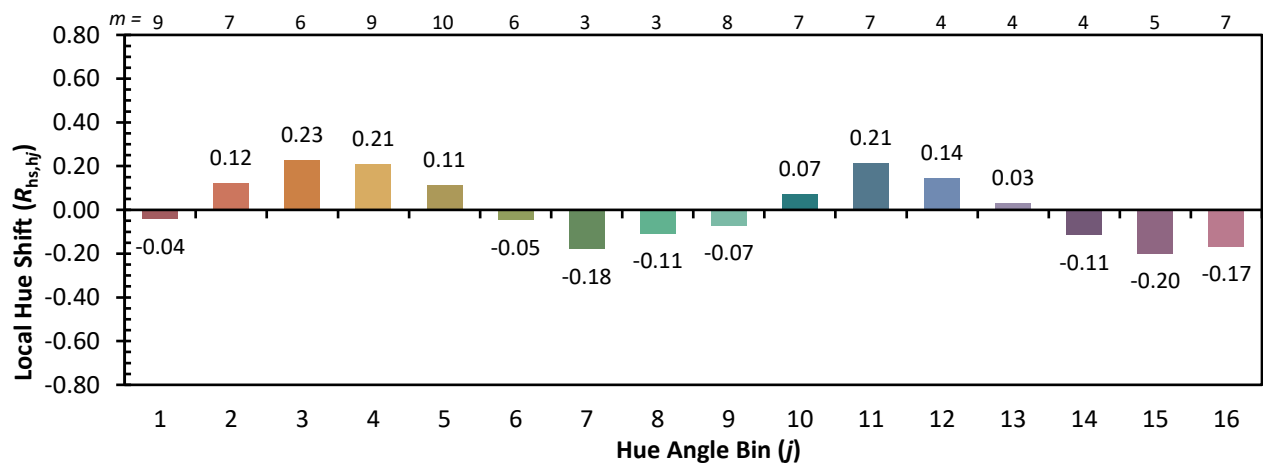
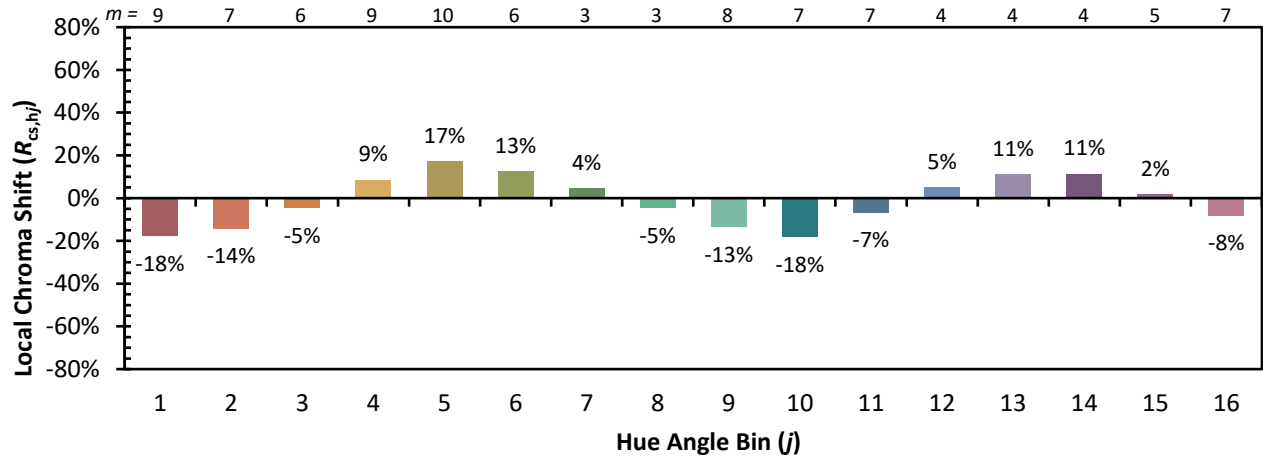


Individual Sample Fidelity Index ($R_{f,i}$)

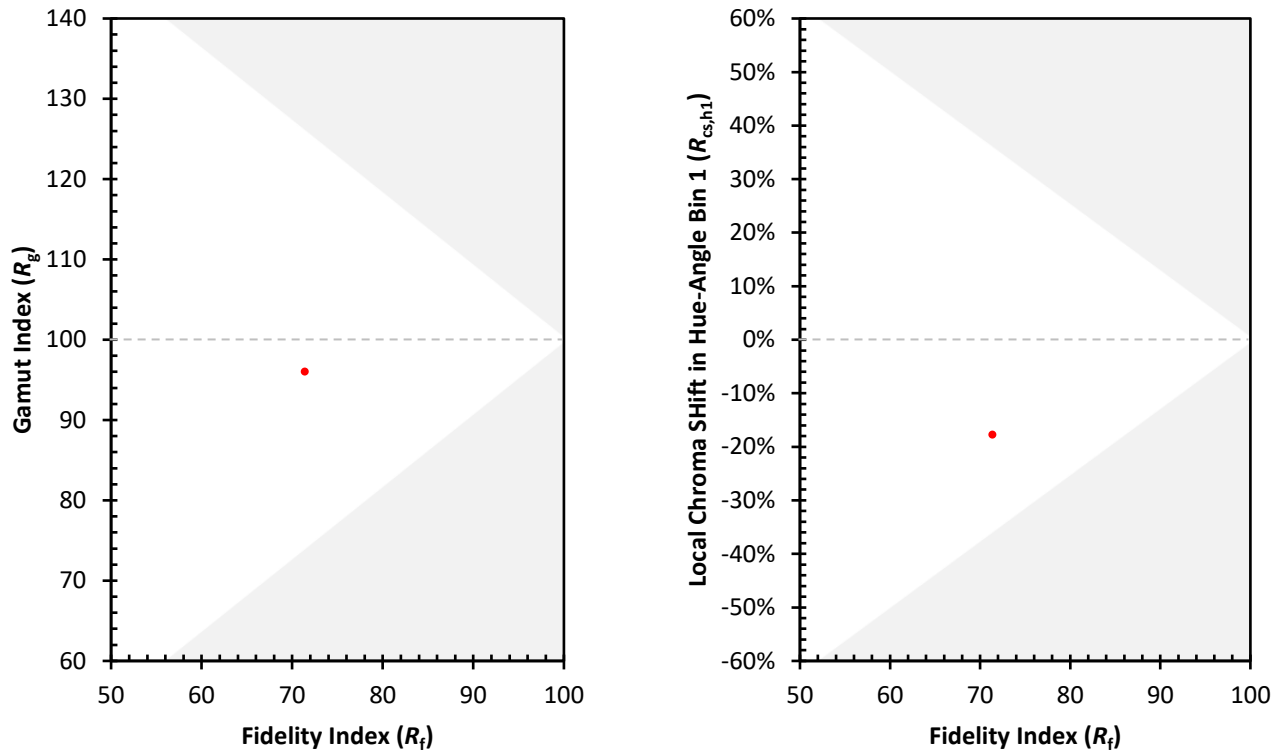
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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)