

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: P1048247

Luminaire Tested: **GALN-SA3C-740-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048247
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-740-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17193.5 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 140.4
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

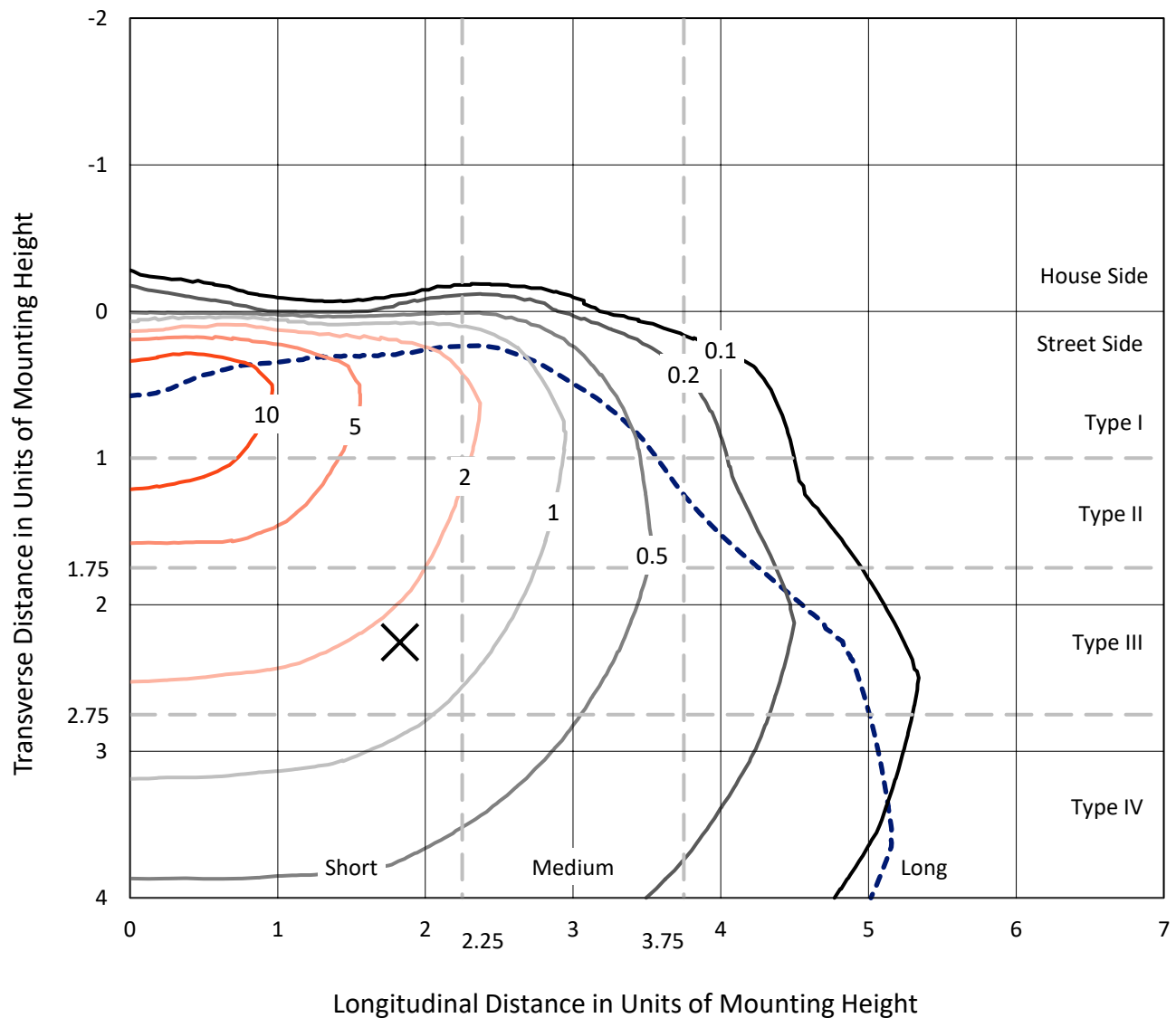


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

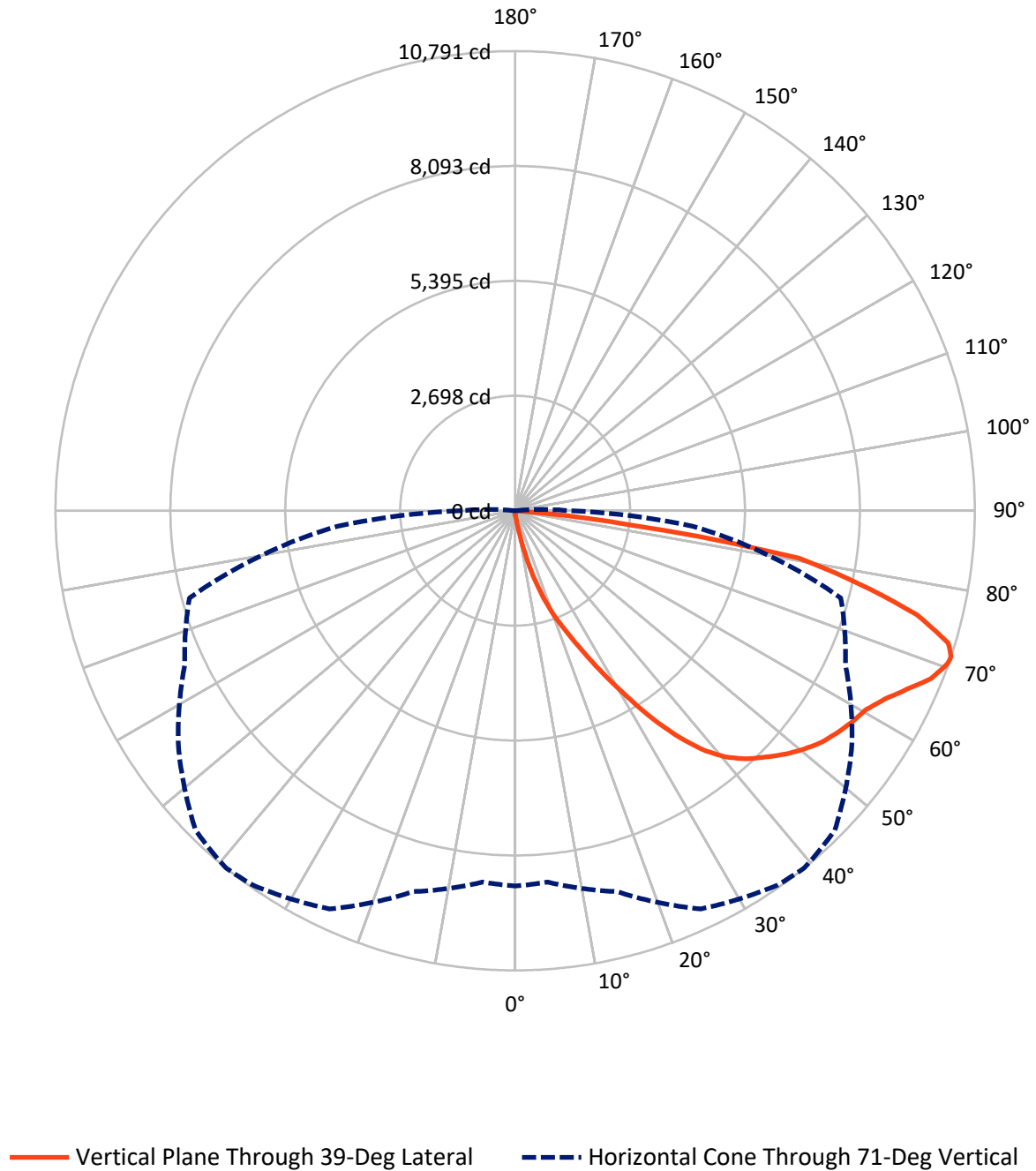


Based on 15 foot mounting height. Maximum calculated value = 17.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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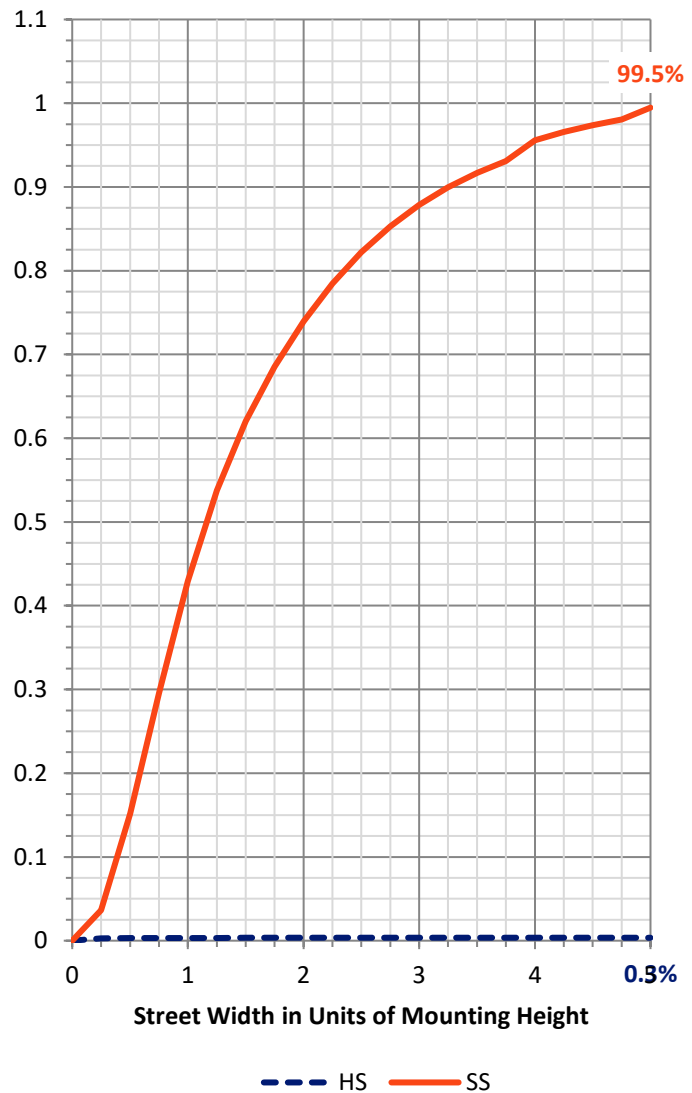
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	61.1	0.0	61.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17132.4	0.0	17132.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	17193.5	0.0	17193.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.4	0.1
10°-20°	183.8	1.1
20°-30°	654.4	3.8
30°-40°	1577.2	9.2
40°-50°	2639.6	15.4
50°-60°	3390.3	19.7
60°-70°	4290.4	25.0
70°-80°	3825.1	22.2
80°-90°	618.3	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°	17193.5	100.0
0°-180°	17193.5	100.0



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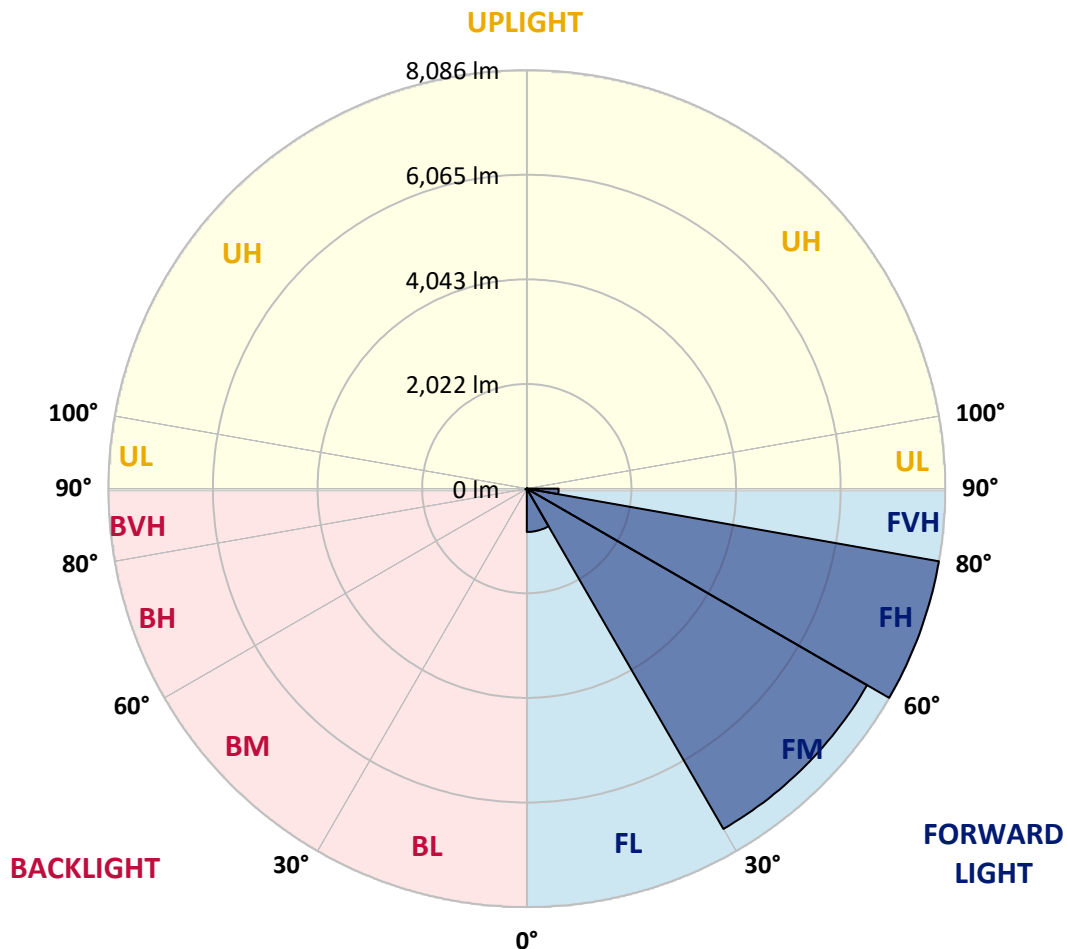
CATALOG NUMBER: GALN-SA3C-740-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	837.8	4.9			
FM	(30°-60°)	7593.0	44.2			
FH	(60°-80°)	8086.1	47.0			G4/12000
FVH	(80°-90°)	615.5	3.6			G4/750
BL	(0°-30°)	14.8	0.1	B0/110		
BM	(30°-60°)	14.1	0.1	B0/220		
BH	(60°-80°)	29.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2.5°	108.2	108.2	108.2	104.8	104.8	103.6	102.4	102.4	100.1	98.9	96.6
5°	164.1	160.6	152.5	147.8	138.5	132.7	126.9	118.7	110.6	104.8	97.8
7.5°	371.3	379.4	352.7	302.6	251.4	229.3	192.0	154.8	128.0	110.6	98.9
10°	946.3	941.6	850.8	750.7	579.6	511.0	400.4	252.6	165.3	121.0	100.1
12.5°	1609.7	1605.0	1498.0	1361.8	1136.0	992.8	783.3	471.4	237.4	137.3	100.1
15°	2167.2	2148.6	2114.8	1979.8	1715.6	1595.7	1318.7	833.4	384.1	165.3	102.4
17.5°	2536.2	2519.9	2488.4	2439.6	2271.9	2130.0	1907.6	1309.4	621.5	214.2	107.1
20°	2874.9	2863.2	2837.6	2828.3	2720.1	2644.4	2460.5	1856.4	968.4	291.0	114.1
22.5°	3340.4	3316.0	3326.5	3270.6	3164.7	3073.9	2961.0	2429.1	1392.0	419.0	126.9
25°	3910.7	3899.1	3870.0	3830.4	3683.8	3604.6	3431.2	2969.1	1865.7	586.6	140.8
27.5°	4599.8	4587.0	4580.0	4489.2	4320.4	4234.3	3992.2	3478.9	2398.8	821.7	159.5
30°	5393.6	5399.4	5354.0	5237.6	5040.9	4919.8	4670.8	4013.2	2944.7	1097.6	179.2
32.5°	6215.3	6203.6	6133.8	5996.5	5820.7	5707.8	5391.2	4598.6	3517.3	1461.9	202.5
35°	7101.0	7078.9	6895.0	6737.9	6587.7	6445.7	6157.1	5278.3	4090.0	1870.4	233.9
37.5°	7994.9	7891.3	7522.3	7323.3	7219.7	7103.3	6834.5	6003.4	4659.1	2326.7	272.4
40°	8670.0	8589.6	8152.0	7785.4	7702.7	7603.8	7403.6	6629.6	5264.4	2816.7	318.9
42.5°	9043.6	8999.3	8605.9	8244.0	8049.6	7962.3	7791.2	7176.7	5862.6	3357.9	386.4
45°	9203.0	9134.4	8871.3	8702.5	8392.9	8248.6	8044.9	7589.8	6487.6	3972.4	480.7
47.5°	9154.1	9114.6	8926.0	8987.7	8763.1	8538.4	8239.3	7906.4	7021.9	4677.7	609.9
50°	8846.9	8813.1	8754.9	9089.0	9061.0	8795.7	8490.7	8156.7	7458.3	5405.2	810.1
52.5°	8262.6	8248.6	8397.6	9009.8	9229.8	9022.6	8732.8	8377.8	7865.7	6165.2	1096.4
55°	7509.5	7566.6	7992.6	8886.4	9315.9	9190.2	8947.0	8585.0	8192.8	6844.9	1518.9
57.5°	7199.9	7215.1	7747.0	8799.2	9354.3	9338.0	9155.3	8782.9	8493.0	7388.5	2163.7
60°	7561.9	7538.6	7819.1	8865.5	9431.2	9470.7	9340.4	8966.8	8753.8	7855.2	3022.7
62.5°	8216.0	8203.2	8292.8	9148.3	9655.8	9736.1	9597.6	9099.4	8984.2	8162.5	4002.7
65°	8800.3	8773.5	8940.0	9650.0	10050.4	10107.4	9986.3	9326.4	9085.5	8386.0	4923.3
67.5°	9052.9	9047.1	9314.8	10127.2	10464.7	10526.4	10420.5	9639.5	9062.2	8457.0	5329.5
70°	8937.7	8915.5	9343.9	10329.7	10698.6	10768.5	10666.1	9755.9	8809.6	8232.3	4727.8
71°	8810.8	8751.4	9256.6	10315.7	10731.2	10790.6	10611.4	9650.0	8555.9	7913.4	4181.9
72.5°	8417.4	8427.9	9016.8	10170.2	10653.3	10635.8	10301.8	9270.5	8249.8	7189.5	3359.0
75°	7449.0	7510.7	8240.5	9559.2	9957.2	9734.9	9224.0	8545.4	7635.2	5155.0	2332.5
77.5°	6087.2	6179.2	6981.1	8383.6	8270.7	8248.6	8227.7	7529.3	6520.2	2768.9	1622.5
80°	2906.3	3105.3	4211.0	5984.8	6501.6	6751.8	6594.7	6067.5	5042.1	1318.7	969.5
82.5°	189.7	187.4	265.4	502.8	2119.5	2739.8	4353.0	4336.7	3515.0	642.5	395.7
85°	89.6	91.9	101.3	115.2	133.8	146.7	202.5	1187.2	1681.8	306.1	86.1
87.5°	52.4	53.5	62.9	80.3	104.8	116.4	138.5	178.1	218.8	168.8	18.6
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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CATALOG NUMBER: GALN-SA3C-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2.5°	95.4	94.3	90.8	87.3	83.8	81.5	80.3	81.5	81.5	82.6	82.6
5°	95.4	91.9	86.1	79.1	74.5	69.8	67.5	66.3	67.5	67.5	67.5
7.5°	94.3	88.5	80.3	72.2	66.3	60.5	58.2	57.0	57.0	58.2	58.2
10°	91.9	86.1	75.7	66.3	59.4	52.4	48.9	45.4	45.4	45.4	46.6
12.5°	90.8	82.6	69.8	60.5	51.2	43.1	36.1	32.6	33.8	33.8	33.8
15°	88.5	79.1	66.3	54.7	43.1	32.6	26.8	23.3	24.4	25.6	24.4
17.5°	88.5	78.0	61.7	47.7	33.8	24.4	19.8	17.5	17.5	18.6	18.6
20°	88.5	75.7	58.2	40.7	25.6	18.6	14.0	12.8	12.8	15.1	16.3
22.5°	90.8	75.7	53.5	33.8	21.0	14.0	10.5	9.3	10.5	12.8	14.0
25°	94.3	74.5	48.9	30.3	17.5	10.5	8.1	5.8	7.0	9.3	10.5
27.5°	97.8	73.3	44.2	26.8	14.0	8.1	5.8	4.7	3.5	4.7	4.7
30°	101.3	73.3	39.6	22.1	11.6	5.8	3.5	2.3	1.2	0.0	0.0
32.5°	103.6	71.0	36.1	17.5	9.3	4.7	2.3	1.2	0.0	0.0	0.0
35°	105.9	68.7	31.4	14.0	7.0	3.5	1.2	0.0	0.0	0.0	0.0
37.5°	108.2	65.2	26.8	11.6	5.8	2.3	0.0	0.0	0.0	0.0	0.0
40°	110.6	60.5	22.1	10.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	112.9	57.0	18.6	8.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	118.7	54.7	15.1	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	129.2	52.4	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	144.3	50.0	12.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	165.3	48.9	11.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	202.5	47.7	10.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	266.5	46.6	10.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	408.5	44.2	10.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	729.8	43.1	9.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1272.2	44.2	9.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1823.8	46.6	8.1	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	1560.8	40.7	8.1	4.7	2.3	1.2	0.0	0.0	0.0	0.0	0.0
71°	1272.2	36.1	8.1	4.7	2.3	1.2	1.2	0.0	0.0	0.0	0.0
72.5°	818.2	27.9	7.0	4.7	2.3	2.3	1.2	0.0	0.0	0.0	0.0
75°	345.7	23.3	7.0	4.7	3.5	2.3	2.3	1.2	0.0	0.0	0.0
77.5°	147.8	17.5	7.0	5.8	4.7	3.5	3.5	2.3	1.2	0.0	0.0
80°	55.9	14.0	8.1	7.0	5.8	5.8	4.7	2.3	1.2	0.0	0.0
82.5°	25.6	11.6	8.1	7.0	7.0	5.8	4.7	3.5	2.3	0.0	0.0
85°	16.3	10.5	8.1	7.0	7.0	5.8	5.8	3.5	2.3	0.0	0.0
87.5°	12.8	10.5	8.1	8.1	7.0	7.0	4.7	3.5	1.2	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

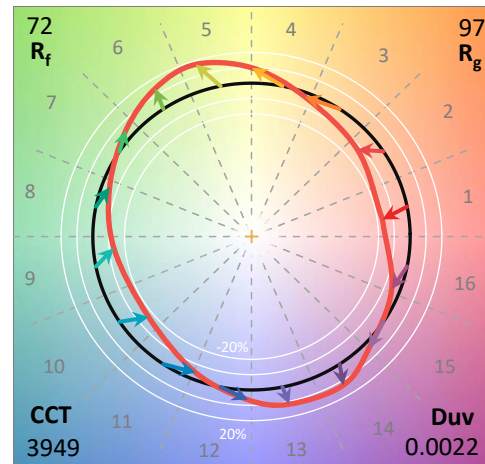
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

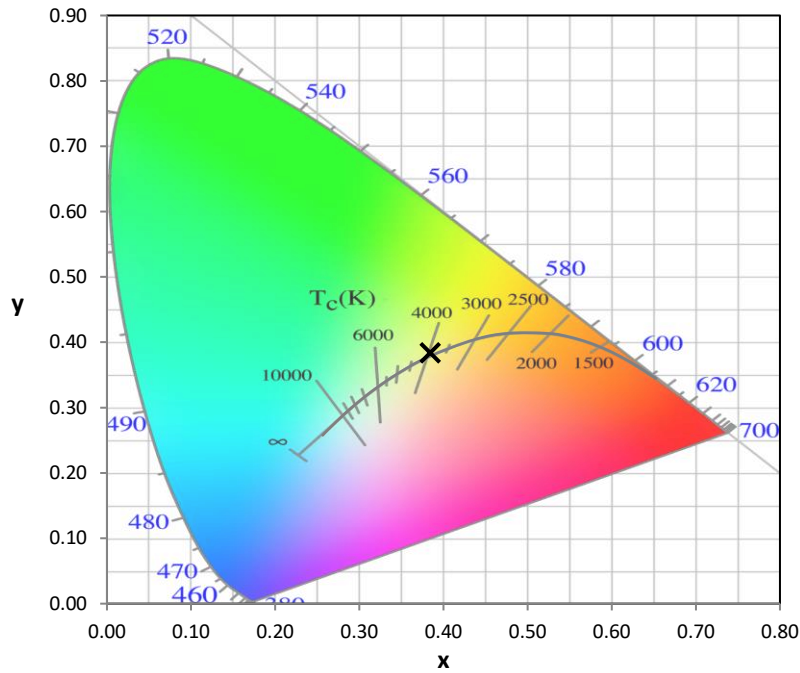
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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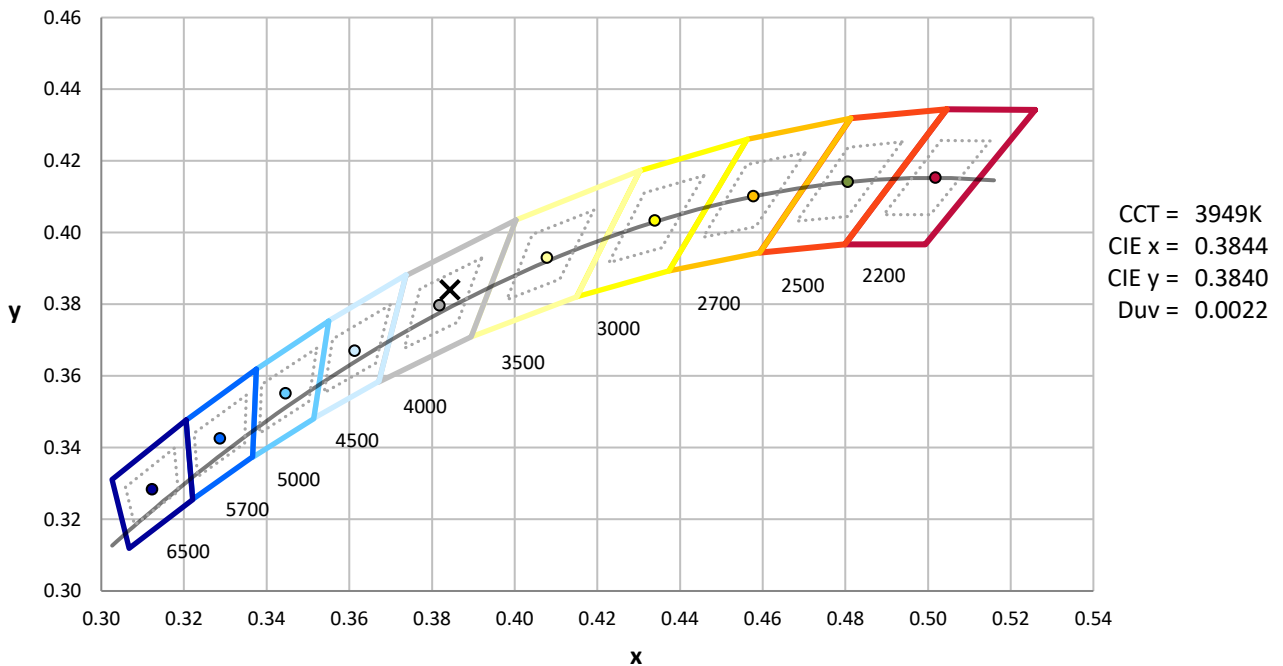
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



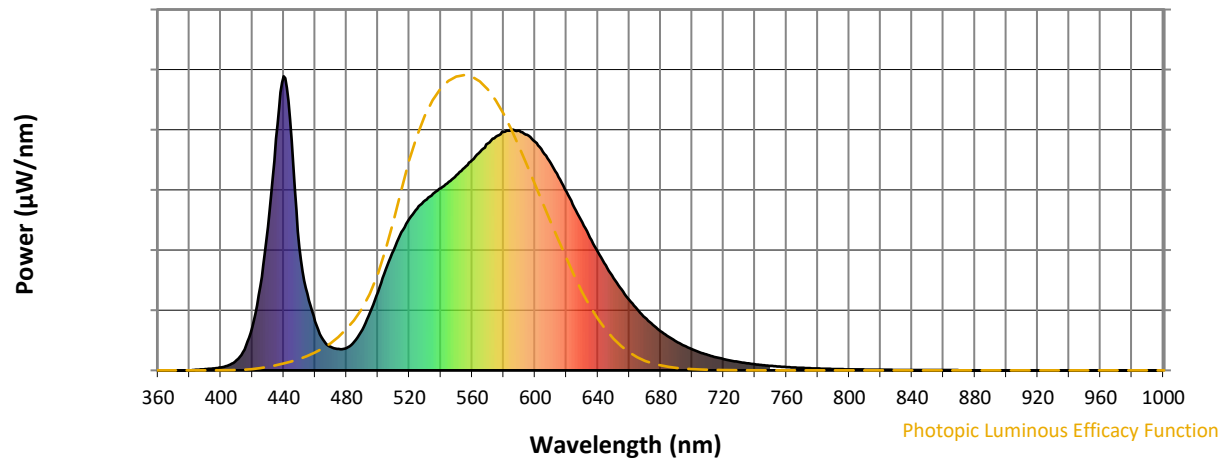
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

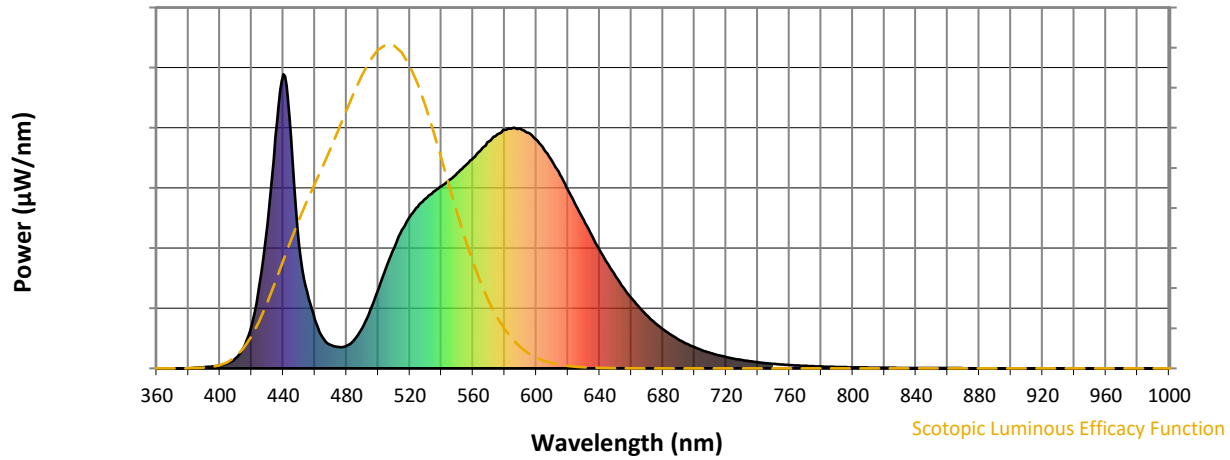


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



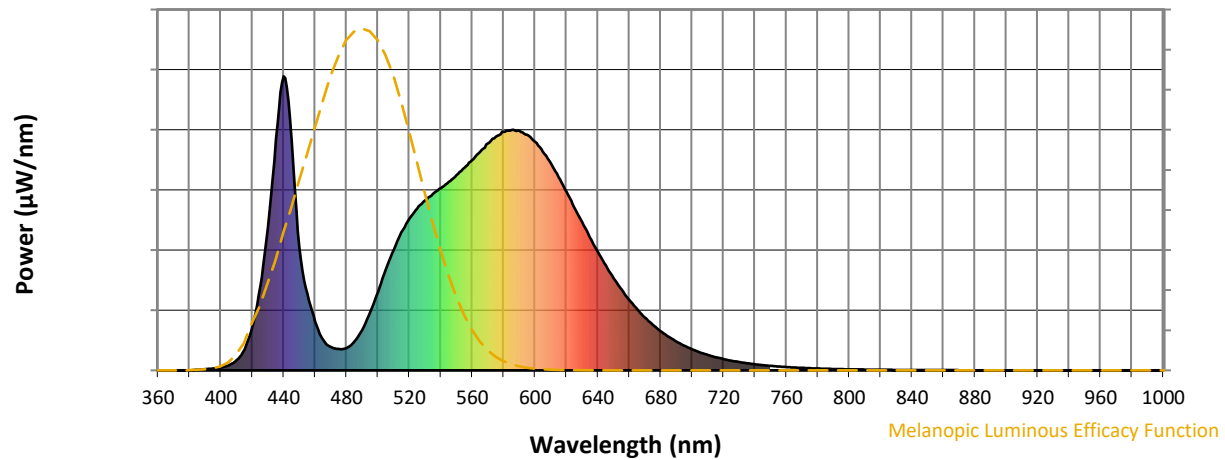
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

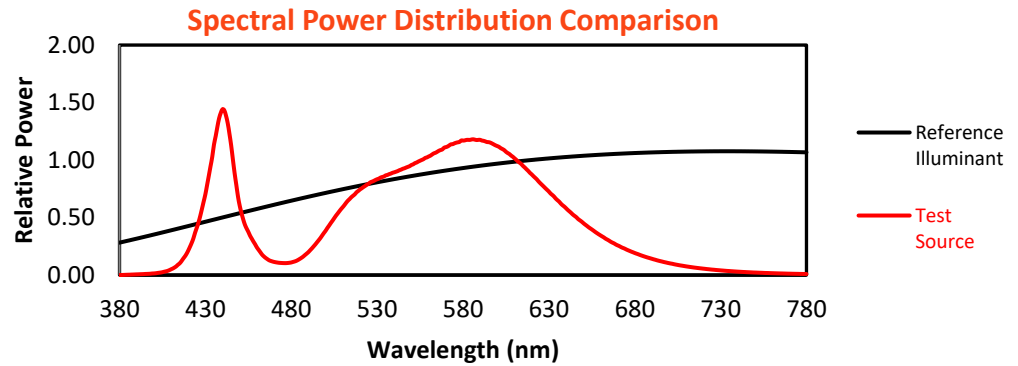
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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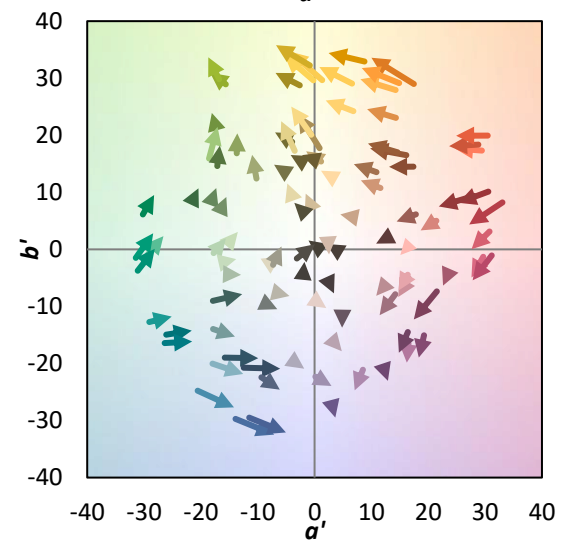
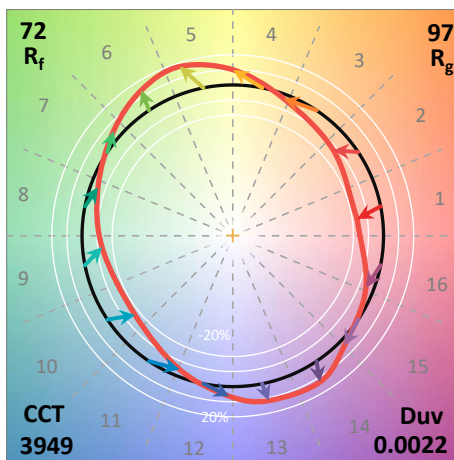
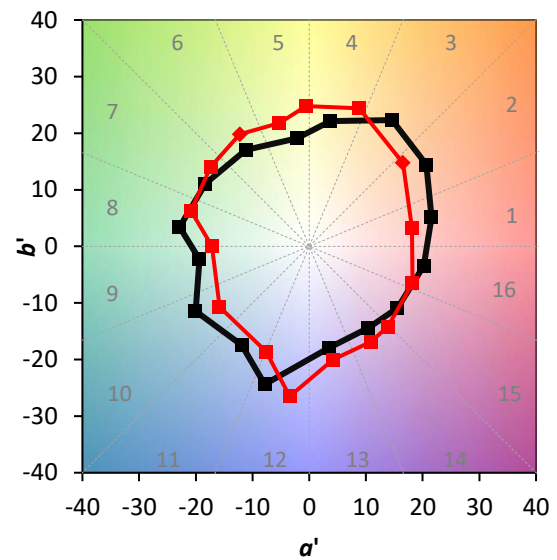
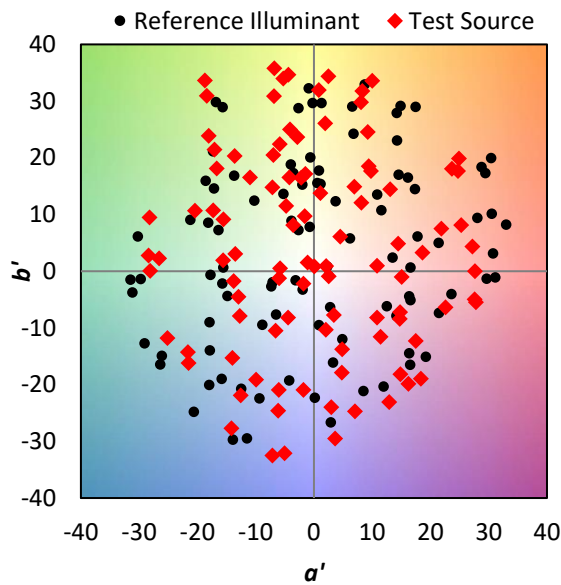
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 CIE $R_a = 70.7$
 $R_g = -36.7$

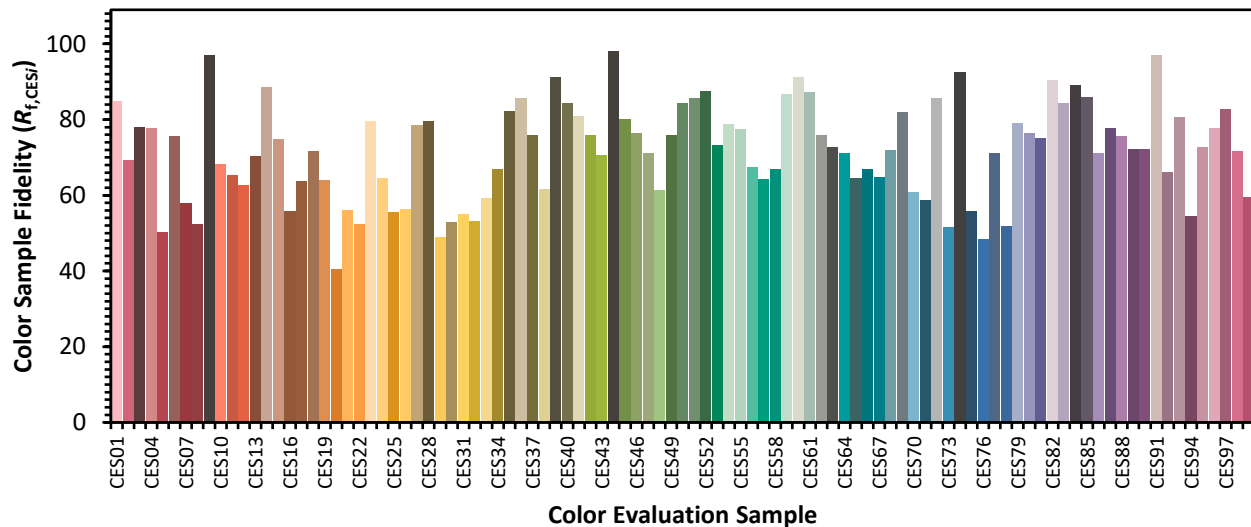


Color Vector Graphics

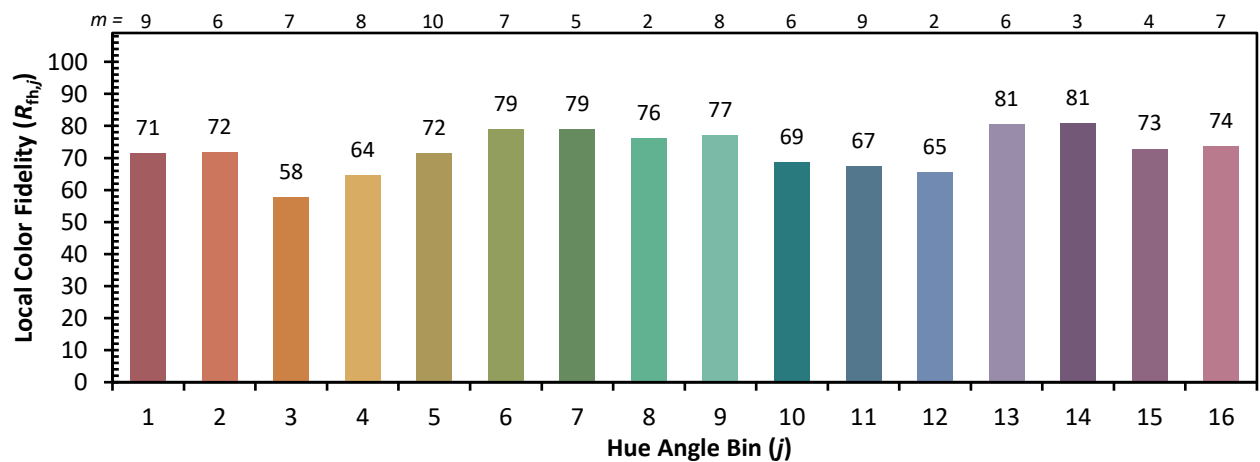
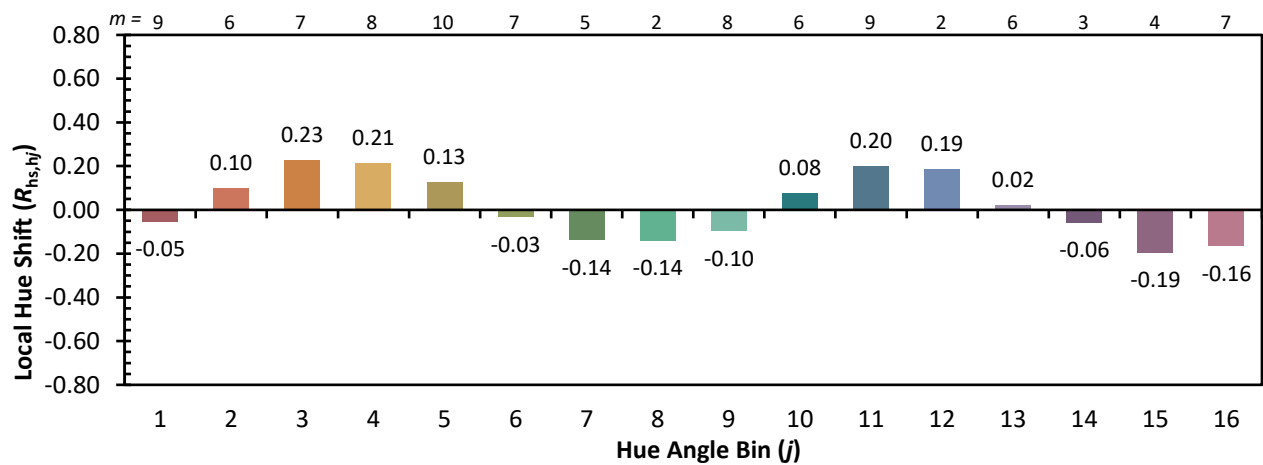
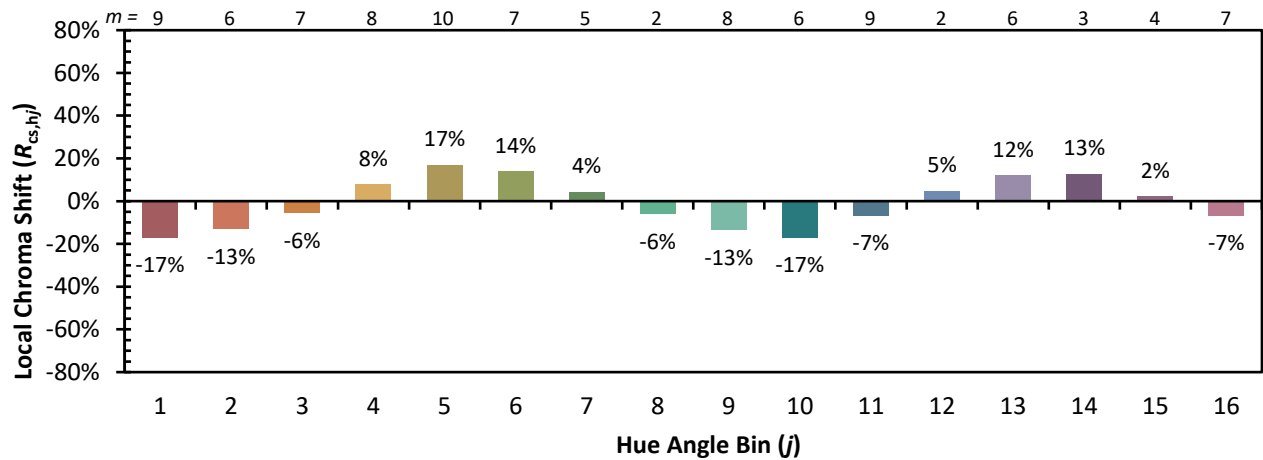


Individual Sample Fidelity Index ($R_{f,i}$)

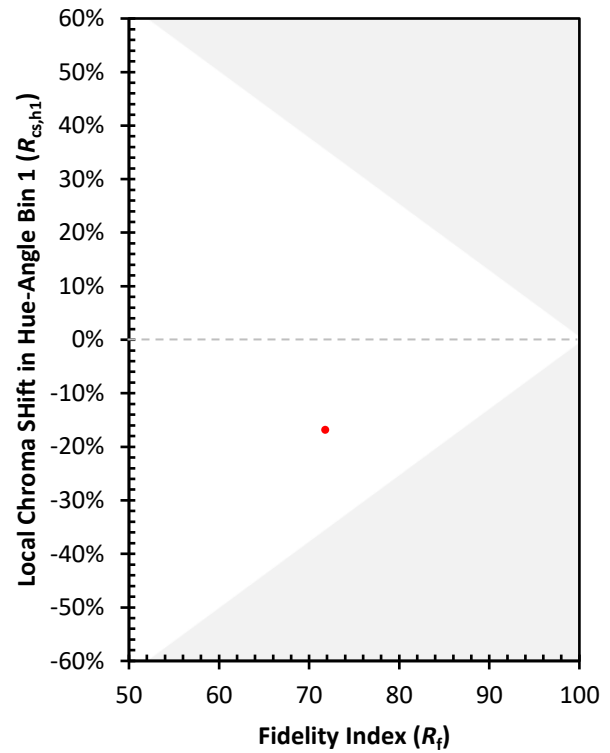
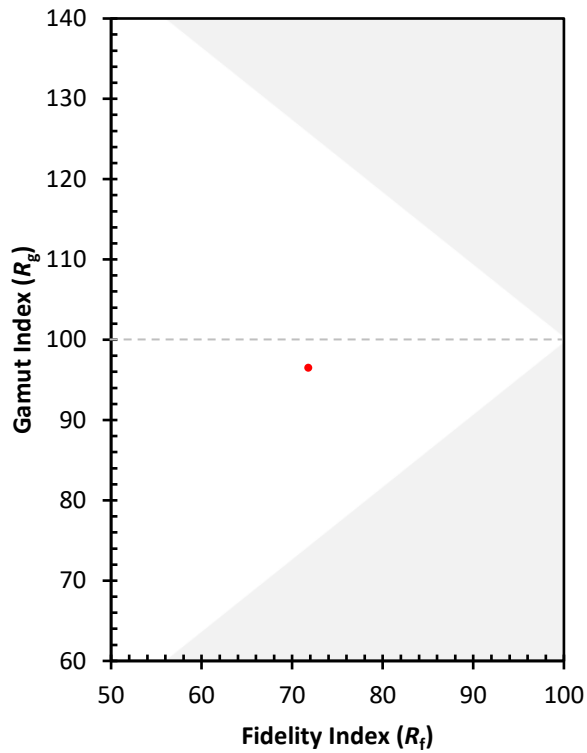
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)