

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: STREETWORKS

Report Number: P1064425

Luminaire Tested: **GLAN-SA4A-940-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064425
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4A-940-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10805.8 lumens
Efficiency: N/A
Efficacy: 100.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 107.4
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

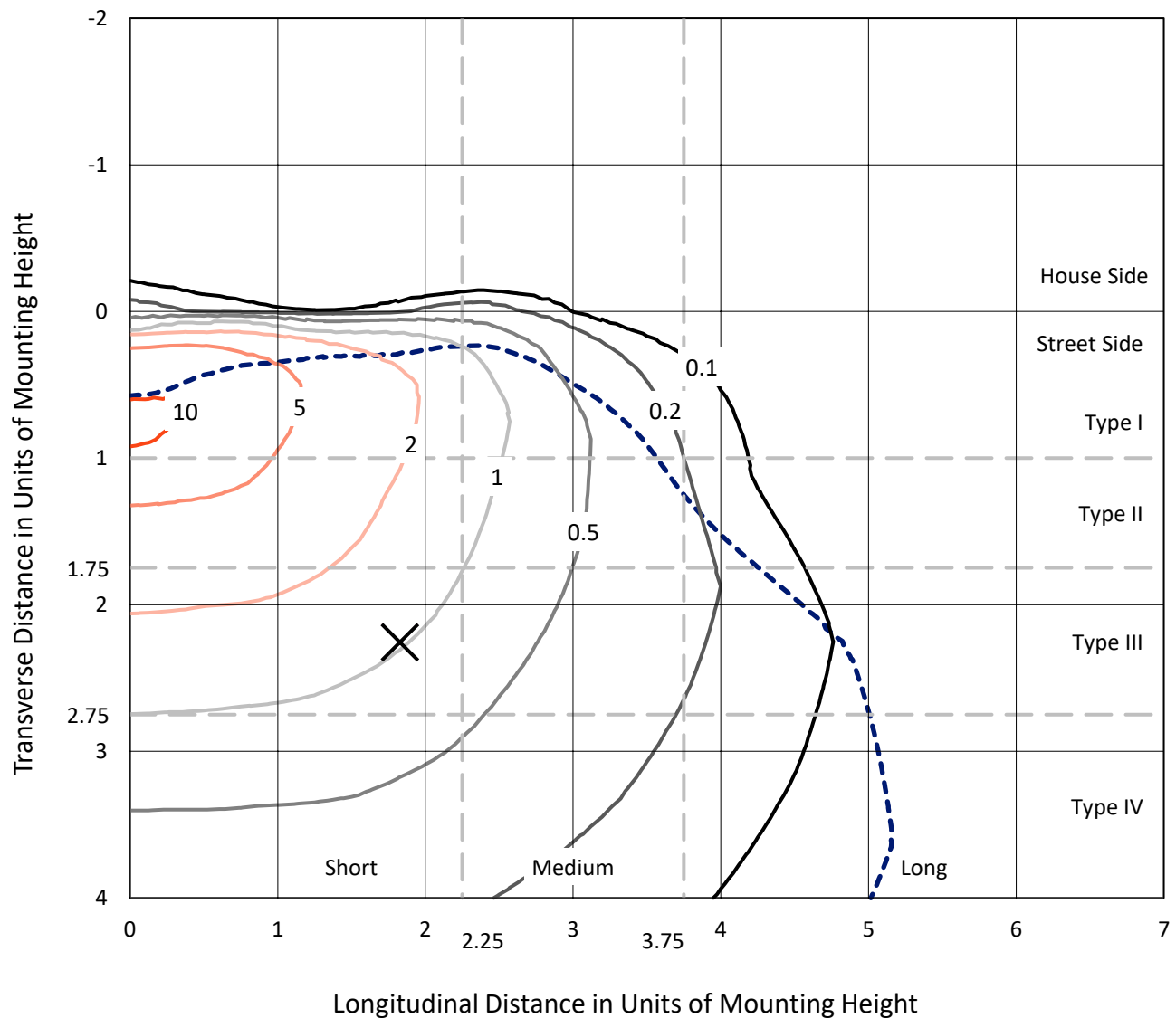


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

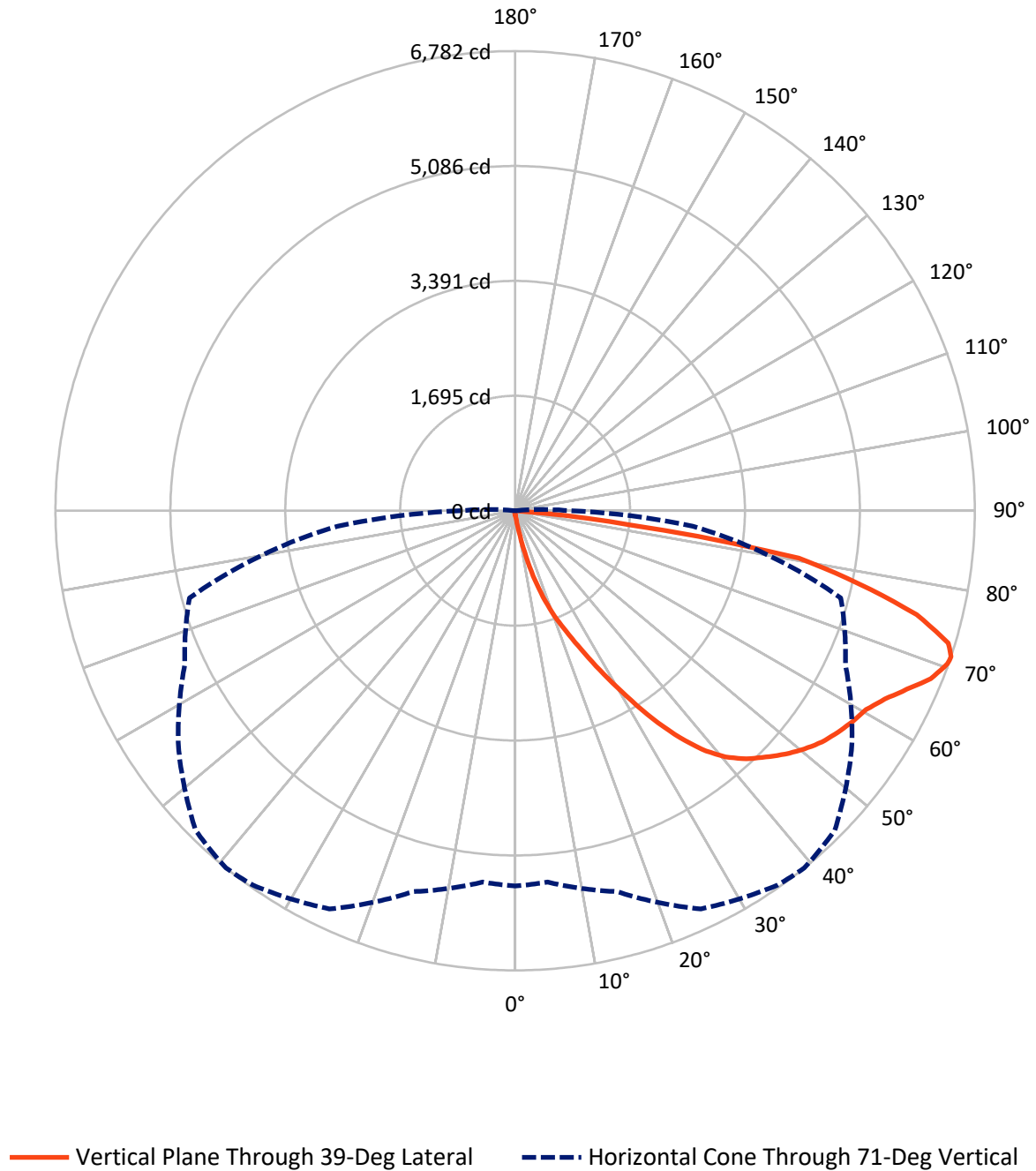


Based on 15 foot mounting height. Maximum calculated value = 11.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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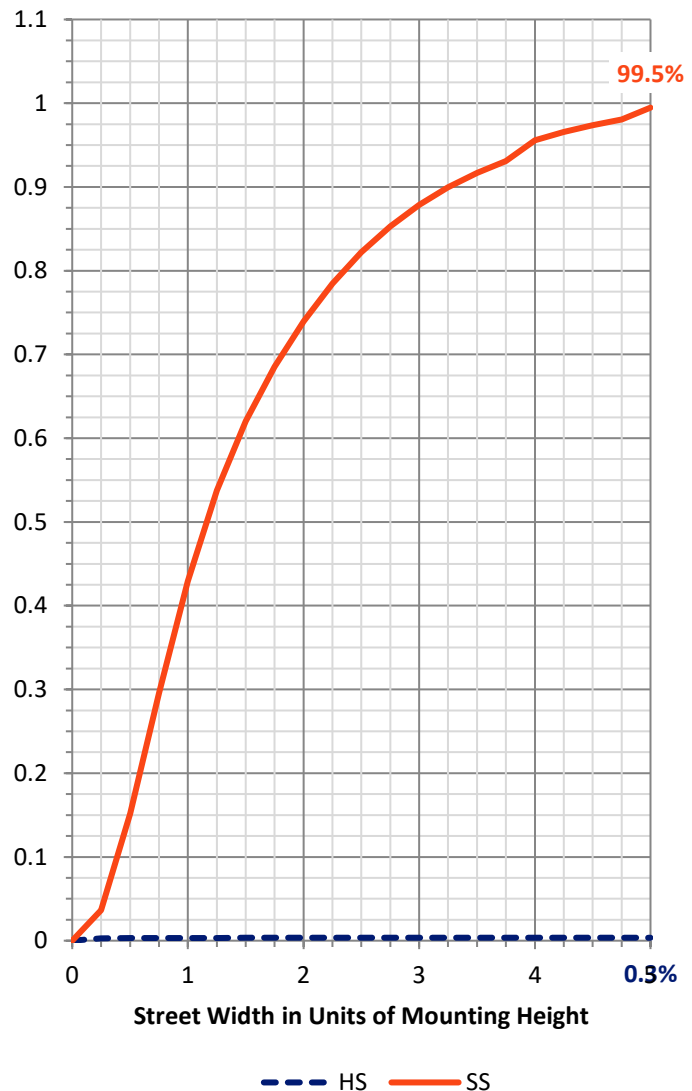
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	38.4	0.0	38.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10767.4	0.0	10767.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	10805.8	0.0	10805.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.0	0.1
10°-20°	115.5	1.1
20°-30°	411.3	3.8
30°-40°	991.3	9.2
40°-50°	1659.0	15.4
50°-60°	2130.7	19.7
60°-70°	2696.4	25.0
70°-80°	2404.0	22.2
80°-90°	388.6	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°	10805.8	100.0
0°-180°	10805.8	100.0



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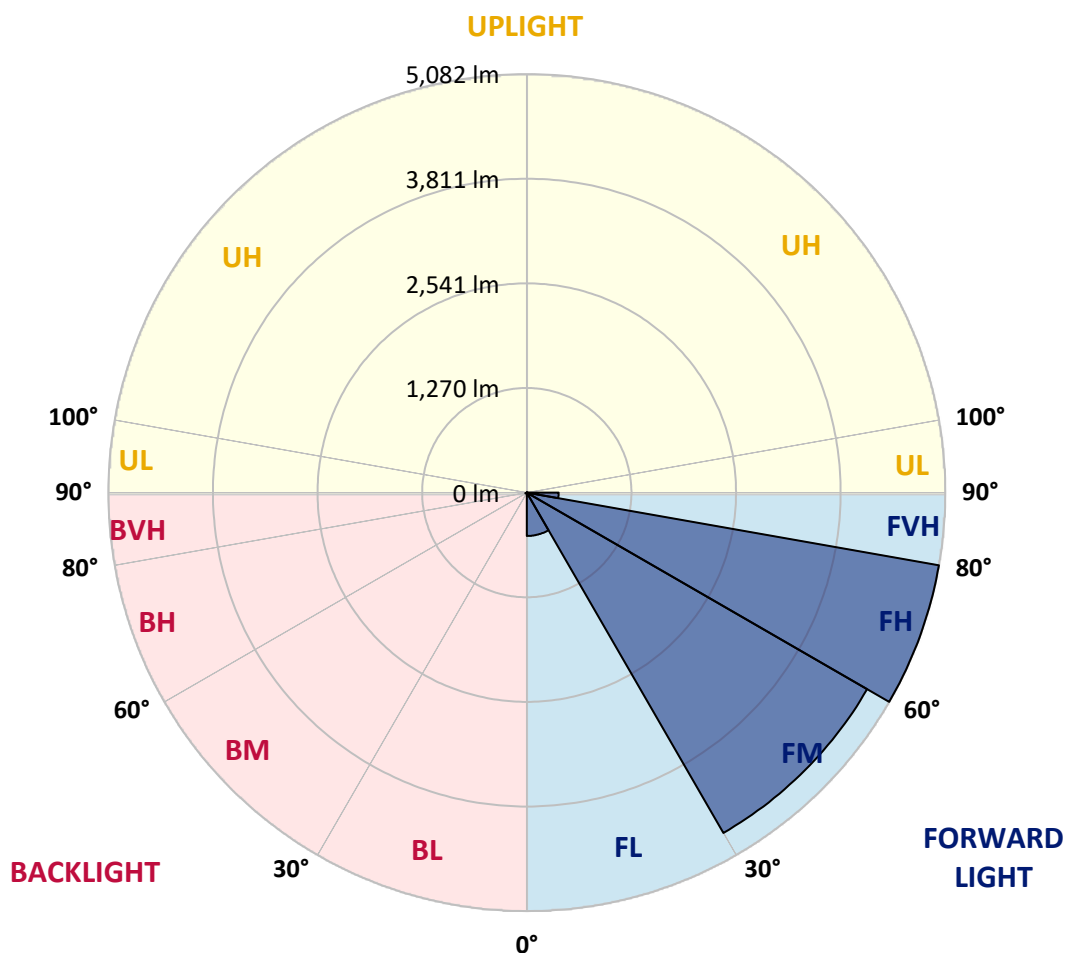
CATALOG NUMBER: GLAN-SA4A-940-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	526.5	4.9			
FM	(30°-60°)	4772.1	44.2			
FH	(60°-80°)	5082.0	47.0			G3/7500
FVH	(80°-90°)	386.8	3.6			G3/500
BL	(0°-30°)	9.3	0.1	B0/110		
BM	(30°-60°)	8.9	0.1	B0/220		
BH	(60°-80°)	18.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
2.5°	68.0	68.0	68.0	65.8	65.8	65.1	64.4	64.4	62.9	62.2	60.7
5°	103.1	100.9	95.8	92.9	87.0	83.4	79.7	74.6	69.5	65.8	61.4
7.5°	233.3	238.5	221.6	190.2	158.0	144.1	120.7	97.3	80.5	69.5	62.2
10°	594.7	591.8	534.7	471.8	364.3	321.1	251.6	158.7	103.9	76.1	62.9
12.5°	1011.7	1008.7	941.4	855.8	713.9	624.0	492.3	296.3	149.2	86.3	62.9
15°	1362.0	1350.3	1329.1	1244.3	1078.2	1002.9	828.8	523.8	241.4	103.9	64.4
17.5°	1593.9	1583.7	1563.9	1533.2	1427.9	1338.6	1198.9	822.9	390.6	134.6	67.3
20°	1806.8	1799.5	1783.4	1777.5	1709.5	1662.0	1546.4	1166.7	608.6	182.9	71.7
22.5°	2099.4	2084.0	2090.6	2055.5	1988.9	1931.9	1860.9	1526.6	874.9	263.3	79.7
25°	2457.8	2450.5	2432.2	2407.3	2315.2	2265.4	2156.4	1866.0	1172.6	368.7	88.5
27.5°	2890.9	2882.8	2878.4	2821.4	2715.3	2661.2	2509.0	2186.4	1507.6	516.4	100.2
30°	3389.7	3393.4	3364.9	3291.7	3168.1	3092.0	2935.5	2522.2	1850.7	689.8	112.7
32.5°	3906.2	3898.9	3855.0	3768.7	3658.2	3587.2	3388.3	2890.1	2210.6	918.8	127.3
35°	4462.8	4449.0	4333.4	4234.6	4140.3	4051.0	3869.6	3317.3	2570.5	1175.5	147.0
37.5°	5024.6	4959.5	4727.6	4602.6	4537.5	4464.3	4295.3	3773.0	2928.2	1462.3	171.2
40°	5448.9	5398.4	5123.4	4893.0	4841.0	4778.9	4653.0	4166.6	3308.6	1770.2	200.4
42.5°	5683.7	5655.9	5408.7	5181.2	5059.0	5004.2	4896.6	4510.4	3684.5	2110.4	242.9
45°	5783.9	5740.8	5575.5	5469.4	5274.8	5184.1	5056.1	4770.1	4077.4	2496.6	302.1
47.5°	5753.2	5728.3	5609.8	5648.6	5507.4	5366.2	5178.3	4969.0	4413.1	2939.9	383.3
50°	5560.1	5538.9	5502.3	5712.2	5694.7	5527.9	5336.3	5126.3	4687.4	3397.1	509.1
52.5°	5192.9	5184.1	5277.7	5662.5	5800.8	5670.5	5488.4	5265.3	4943.4	3874.7	689.1
55°	4719.6	4755.4	5023.2	5585.0	5854.9	5775.9	5623.0	5395.5	5149.0	4301.9	954.6
57.5°	4525.0	4534.5	4868.8	5530.1	5879.0	5868.8	5753.9	5519.9	5337.7	4643.5	1359.8
60°	4752.5	4737.9	4914.2	5571.8	5927.3	5952.2	5870.2	5635.4	5501.6	4936.9	1899.7
62.5°	5163.6	5155.6	5211.9	5749.5	6068.5	6119.0	6031.9	5718.8	5646.4	5130.0	2515.6
65°	5530.8	5514.0	5618.6	6064.8	6316.5	6352.3	6276.2	5861.5	5710.0	5270.4	3094.2
67.5°	5689.6	5685.9	5854.2	6364.7	6576.9	6615.6	6549.1	6058.2	5695.4	5315.0	3349.5
70°	5617.1	5603.2	5872.4	6492.0	6723.9	6767.8	6703.4	6131.4	5536.7	5173.9	2971.3
71°	5537.4	5500.1	5817.6	6483.2	6744.4	6781.7	6669.0	6064.8	5377.2	4973.4	2628.3
72.5°	5290.2	5296.8	5666.9	6391.8	6695.4	6684.4	6474.5	5826.4	5184.8	4518.4	2111.1
75°	4681.6	4720.3	5179.0	6007.8	6257.9	6118.2	5797.1	5370.6	4798.6	3239.8	1465.9
77.5°	3825.7	3883.5	4387.5	5269.0	5198.0	5184.1	5170.9	4732.0	4097.8	1740.2	1019.7
80°	1826.5	1951.6	2646.5	3761.3	4086.1	4243.4	4144.6	3813.3	3168.8	828.8	609.3
82.5°	119.2	117.8	166.8	316.0	1332.1	1721.9	2735.8	2725.5	2209.1	403.8	248.7
85°	56.3	57.8	63.6	72.4	84.1	92.2	127.3	746.1	1057.0	192.4	54.1
87.5°	32.9	33.6	39.5	50.5	65.8	73.1	87.0	111.9	137.5	106.1	11.7
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°	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
2.5°	60.0	59.3	57.1	54.9	52.7	51.2	50.5	51.2	51.2	51.9	51.9
5°	60.0	57.8	54.1	49.7	46.8	43.9	42.4	41.7	42.4	42.4	42.4
7.5°	59.3	55.6	50.5	45.4	41.7	38.0	36.6	35.8	35.8	36.6	36.6
10°	57.8	54.1	47.5	41.7	37.3	32.9	30.7	28.5	28.5	28.5	29.3
12.5°	57.1	51.9	43.9	38.0	32.2	27.1	22.7	20.5	21.2	21.2	21.2
15°	55.6	49.7	41.7	34.4	27.1	20.5	16.8	14.6	15.4	16.1	15.4
17.5°	55.6	49.0	38.8	30.0	21.2	15.4	12.4	11.0	11.0	11.7	11.7
20°	55.6	47.5	36.6	25.6	16.1	11.7	8.8	8.0	8.0	9.5	10.2
22.5°	57.1	47.5	33.6	21.2	13.2	8.8	6.6	5.9	6.6	8.0	8.8
25°	59.3	46.8	30.7	19.0	11.0	6.6	5.1	3.7	4.4	5.9	6.6
27.5°	61.4	46.1	27.8	16.8	8.8	5.1	3.7	2.9	2.2	2.9	2.9
30°	63.6	46.1	24.9	13.9	7.3	3.7	2.2	1.5	0.7	0.0	0.0
32.5°	65.1	44.6	22.7	11.0	5.9	2.9	1.5	0.7	0.0	0.0	0.0
35°	66.6	43.2	19.8	8.8	4.4	2.2	0.7	0.0	0.0	0.0	0.0
37.5°	68.0	41.0	16.8	7.3	3.7	1.5	0.0	0.0	0.0	0.0	0.0
40°	69.5	38.0	13.9	6.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	71.0	35.8	11.7	5.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	74.6	34.4	9.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	81.2	32.9	8.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	90.7	31.5	8.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	103.9	30.7	7.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	127.3	30.0	6.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	167.5	29.3	6.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	256.8	27.8	6.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	458.6	27.1	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	799.5	27.8	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1146.3	29.3	5.1	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	980.9	25.6	5.1	2.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0
71°	799.5	22.7	5.1	2.9	1.5	0.7	0.7	0.0	0.0	0.0	0.0
72.5°	514.2	17.6	4.4	2.9	1.5	1.5	0.7	0.0	0.0	0.0	0.0
75°	217.3	14.6	4.4	2.9	2.2	1.5	1.5	0.7	0.0	0.0	0.0
77.5°	92.9	11.0	4.4	3.7	2.9	2.2	2.2	1.5	0.7	0.0	0.0
80°	35.1	8.8	5.1	4.4	3.7	3.7	2.9	1.5	0.7	0.0	0.0
82.5°	16.1	7.3	5.1	4.4	4.4	3.7	2.9	2.2	1.5	0.0	0.0
85°	10.2	6.6	5.1	4.4	4.4	3.7	3.7	2.2	1.5	0.0	0.0
87.5°	8.0	6.6	5.1	5.1	4.4	4.4	2.9	2.2	0.7	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

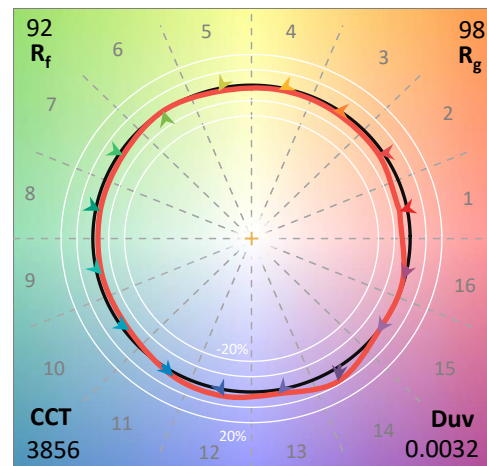
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

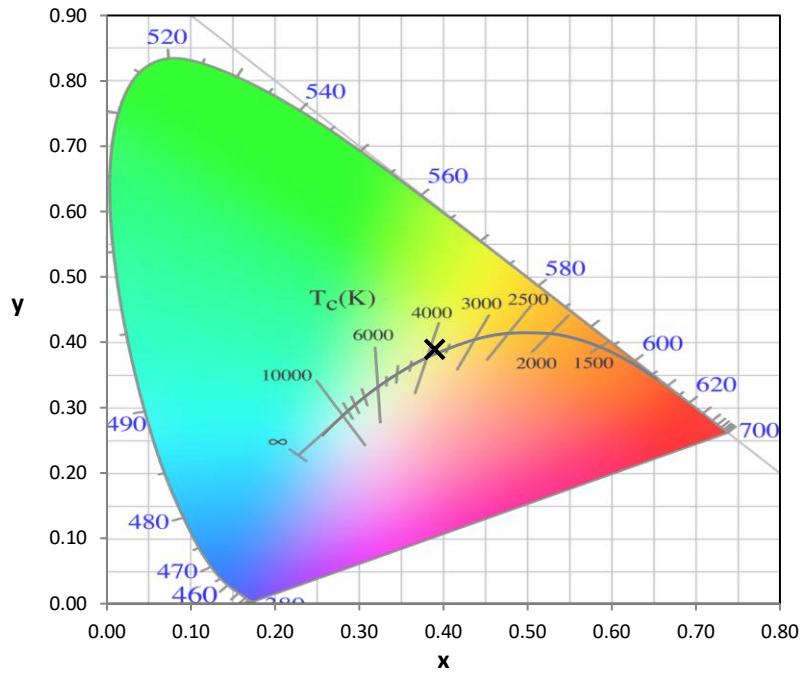
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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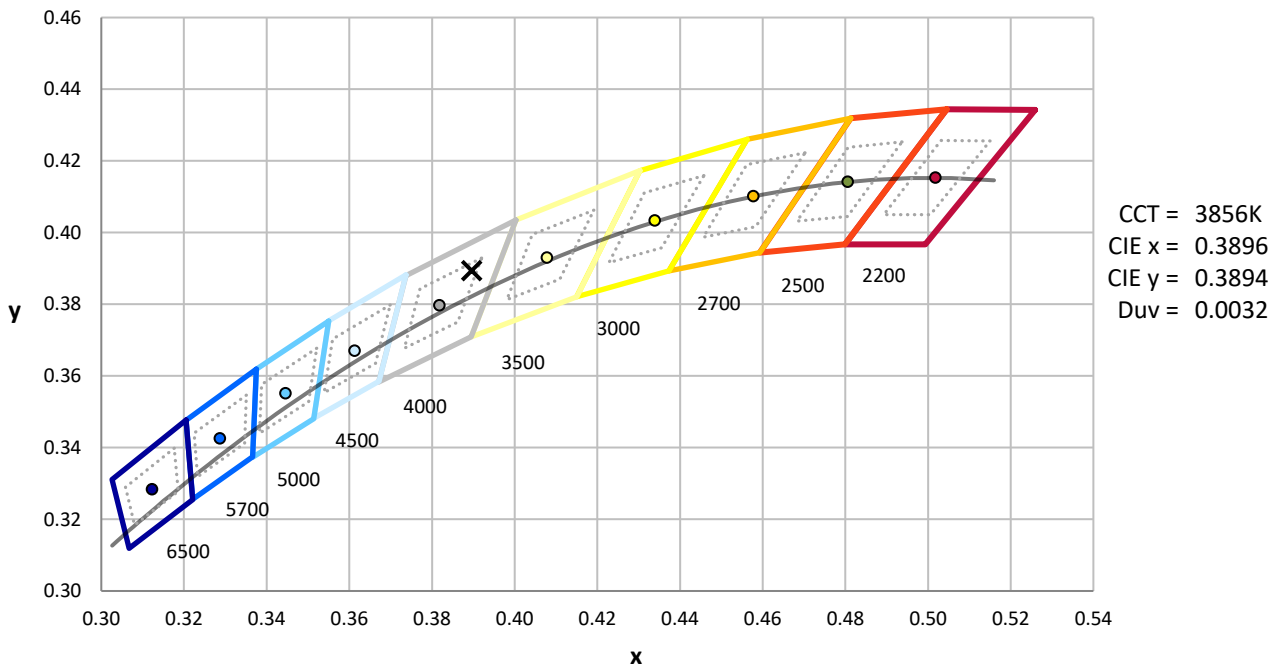
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



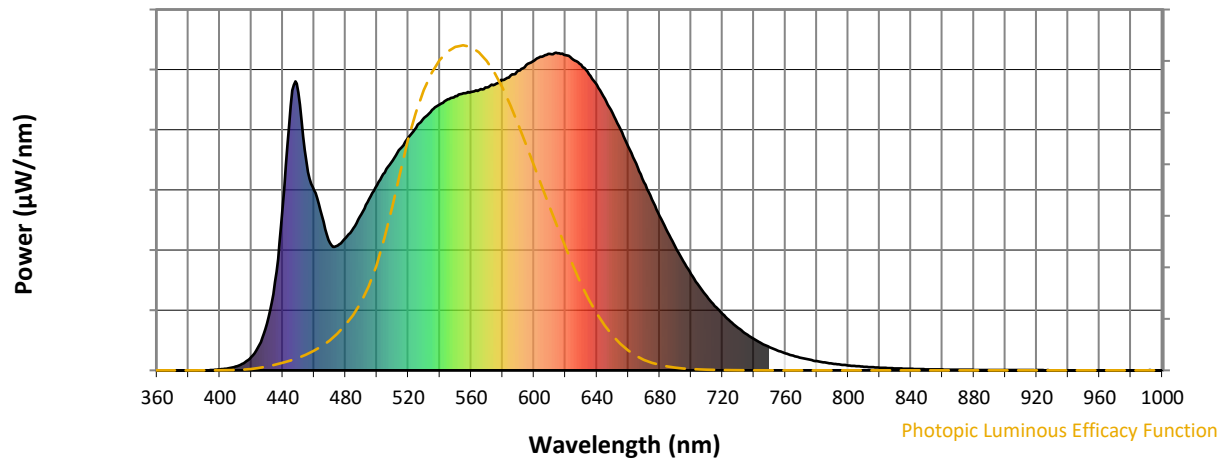
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

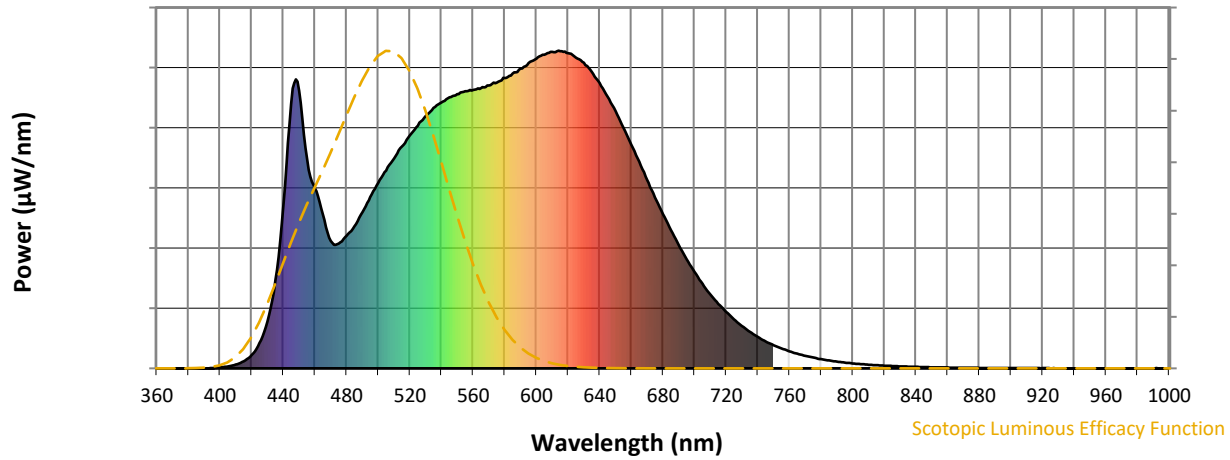


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



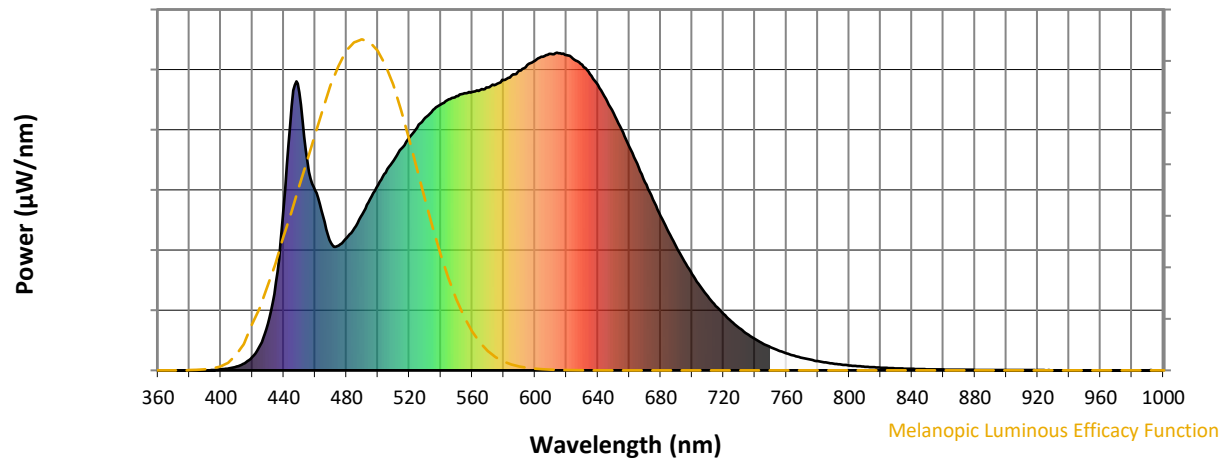
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

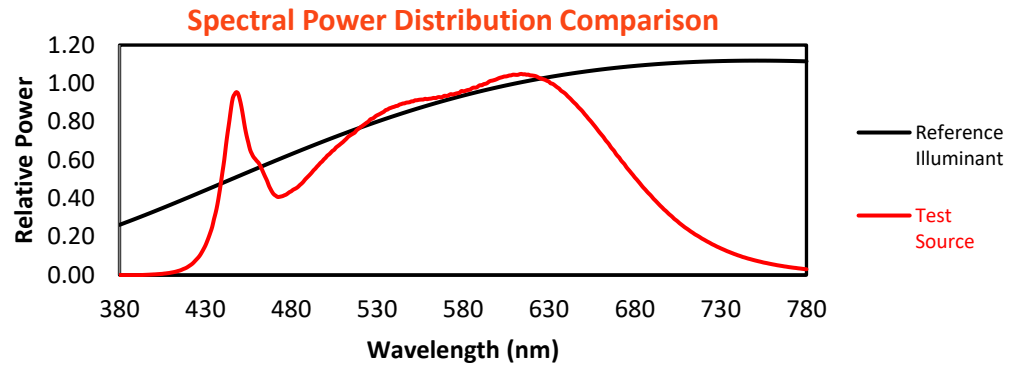
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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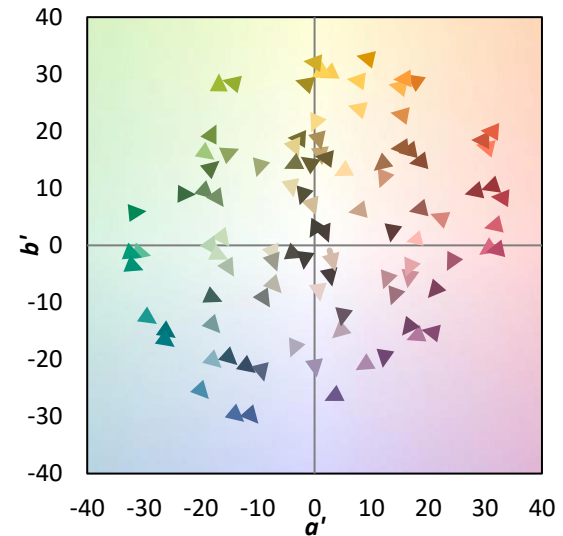
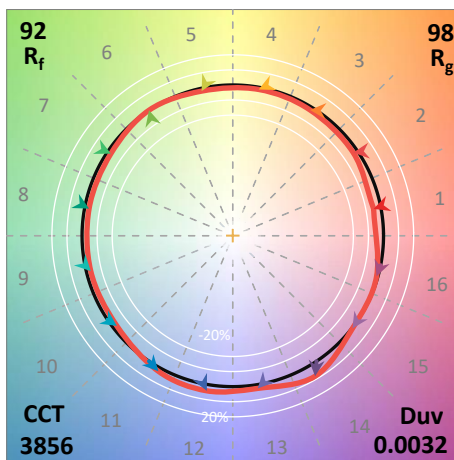
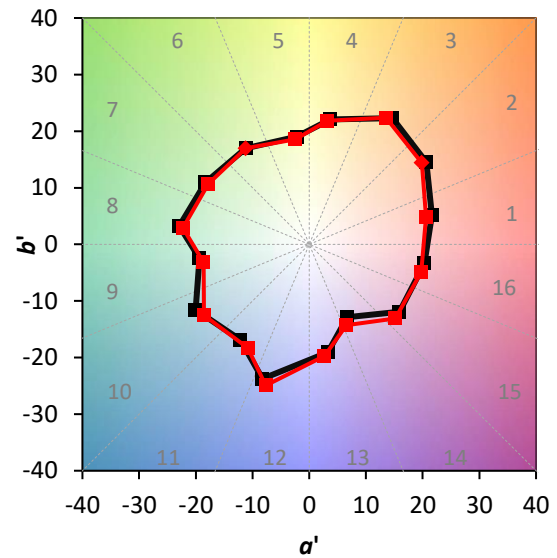
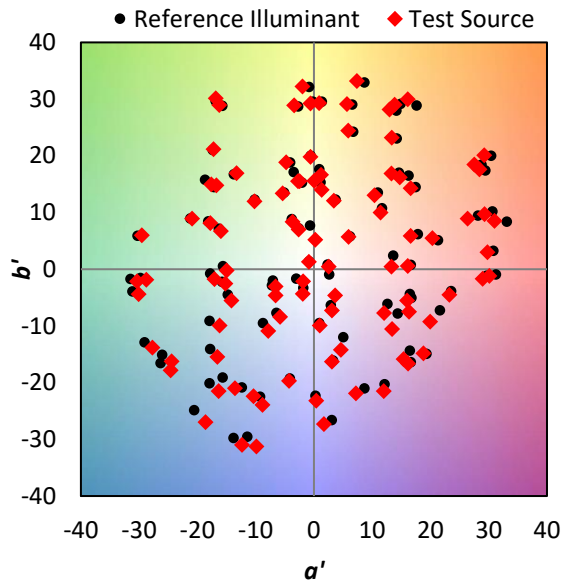
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

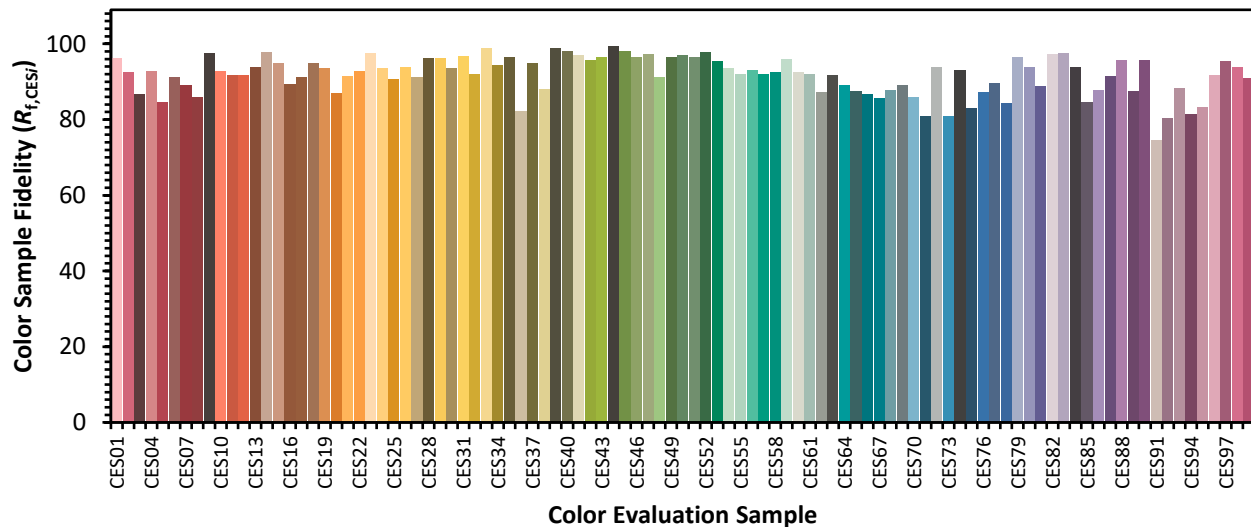


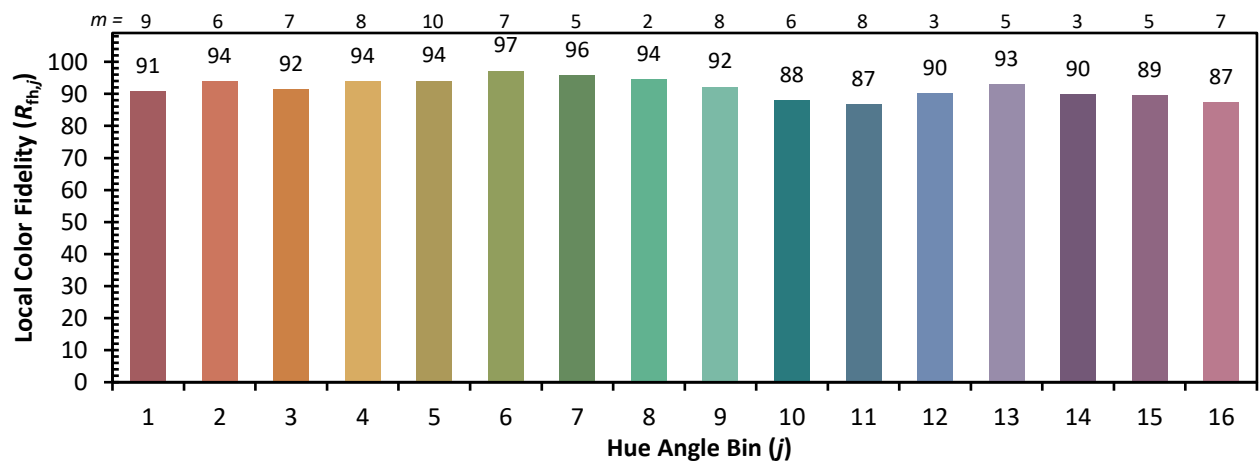
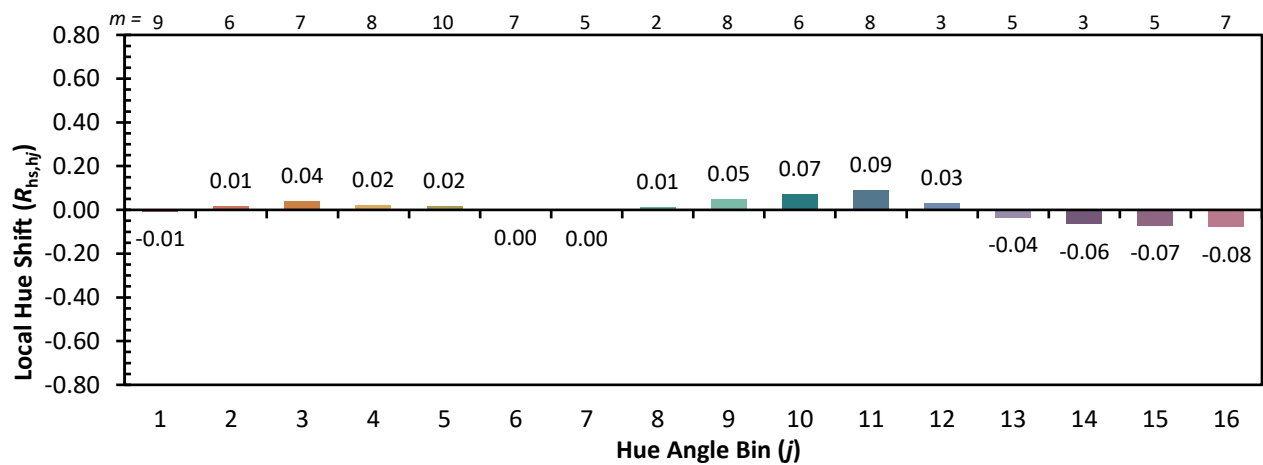
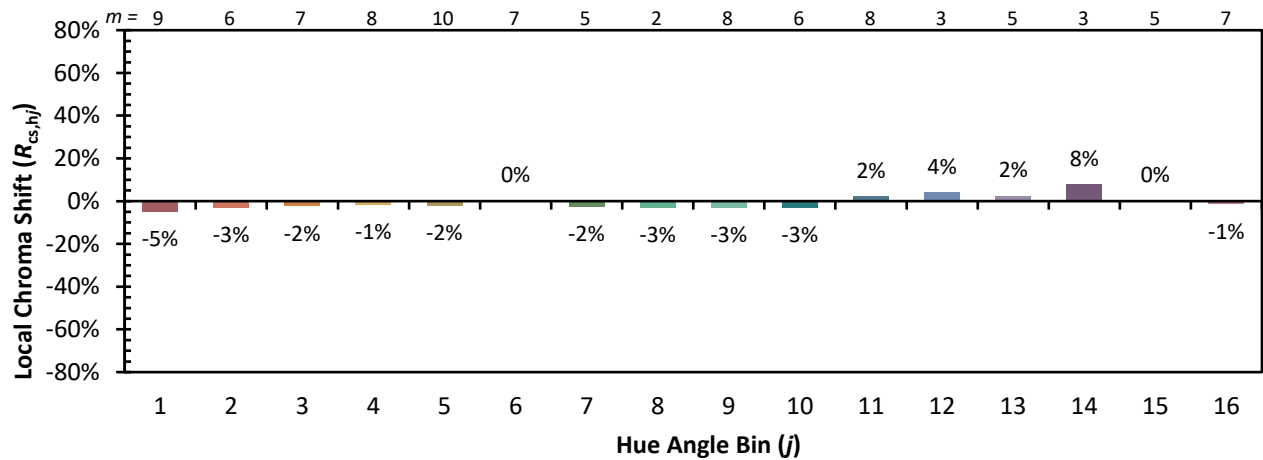
Color Vector Graphics

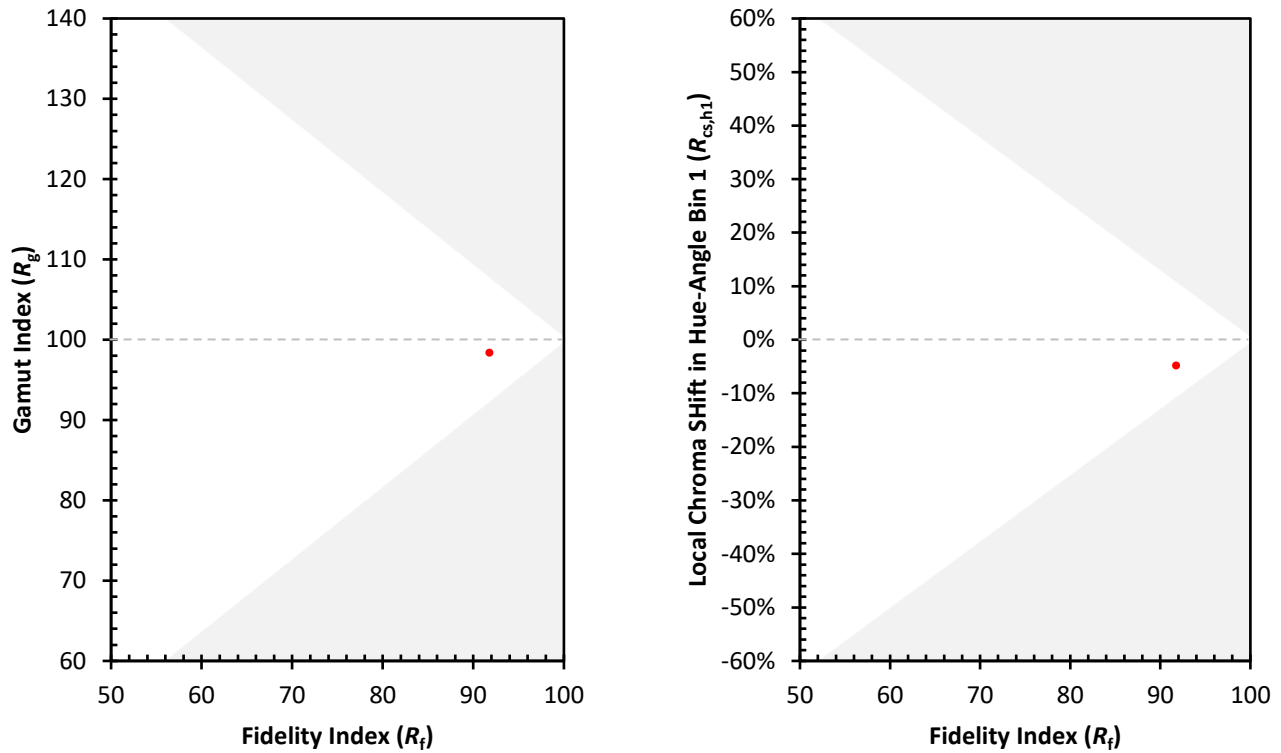


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin


Measure Comparisons


(END OF REPORT)