

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: P1063210

Luminaire Tested: **GLAN-SA6B-940-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063210
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6B-940-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20463.7 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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

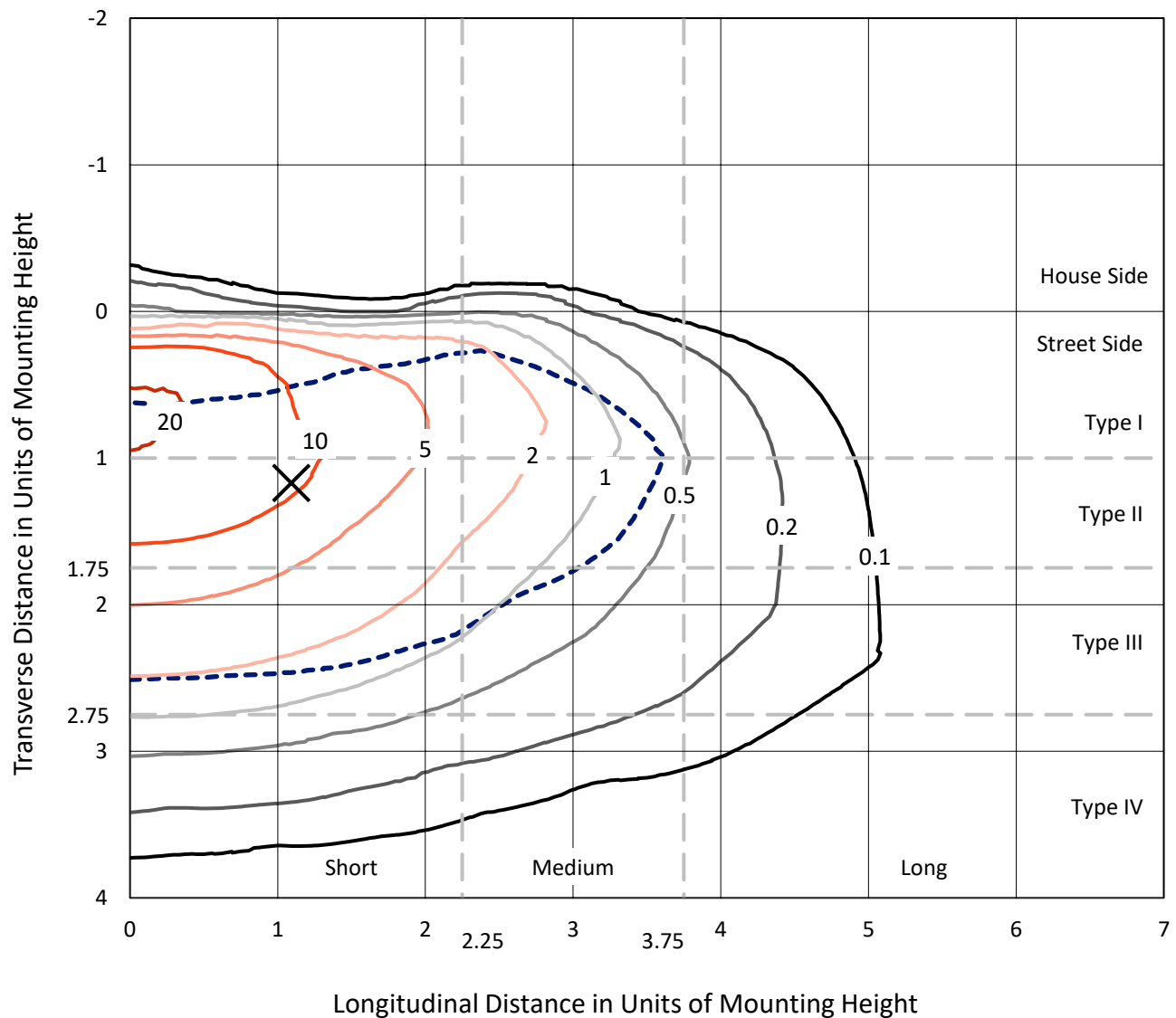


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

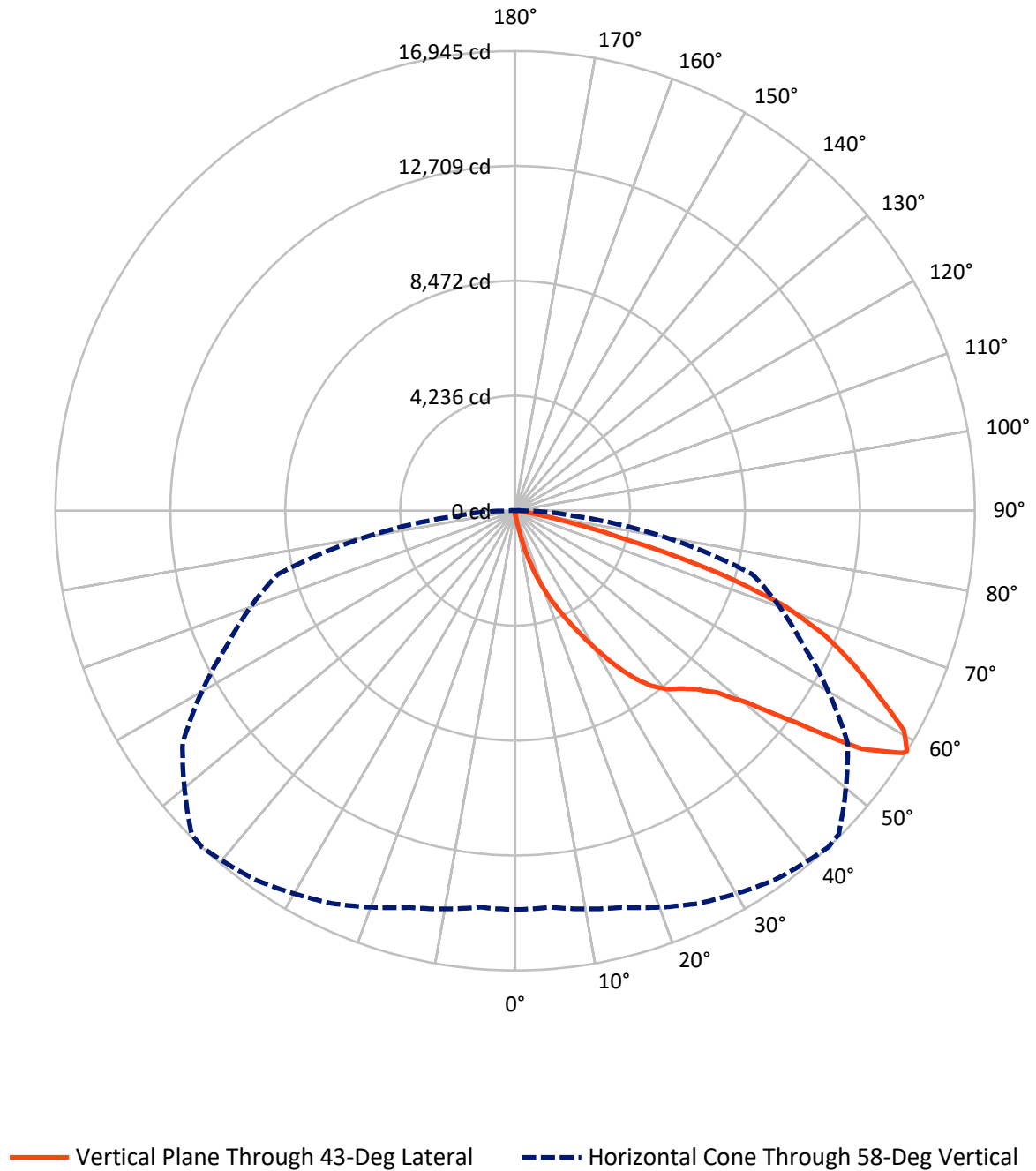


Based on 15 foot mounting height. Maximum calculated value = 23 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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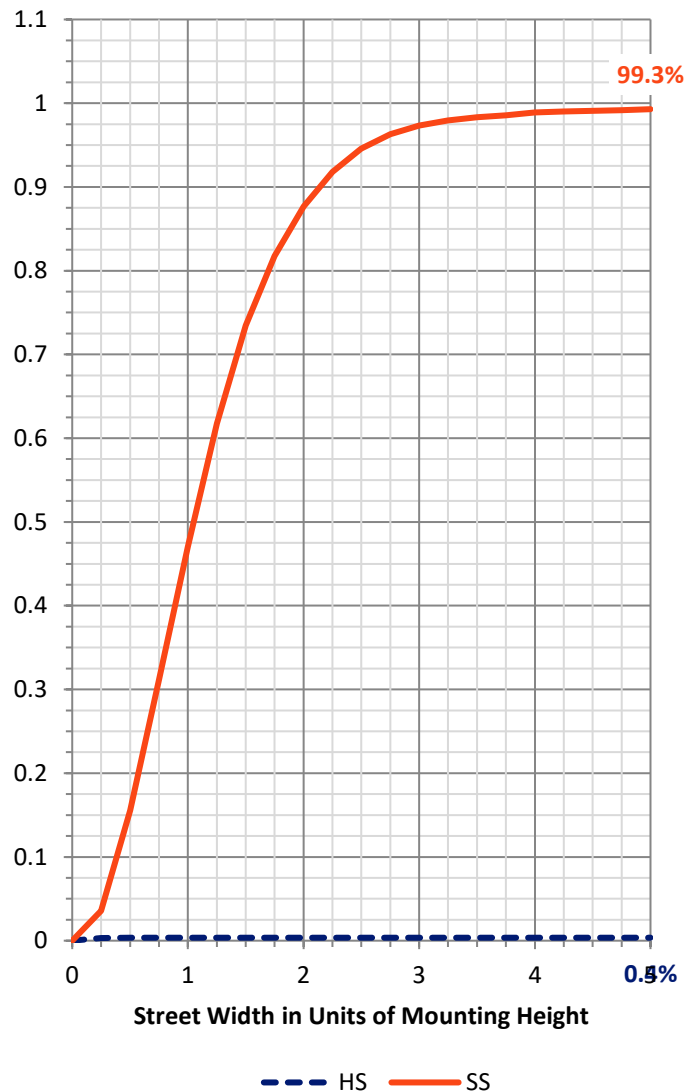
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	74.7	0.0	74.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20388.9	0.0	20388.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	20463.7	0.0	20463.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.6	0.1
10°-20°	235.2	1.1
20°-30°	847.8	4.1
30°-40°	1939.8	9.5
40°-50°	3271.7	16.0
50°-60°	5399.1	26.4
60°-70°	6034.3	29.5
70°-80°	2491.4	12.2
80°-90°	224.6	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°	20463.7	100.0
0°-180°	20463.7	100.0



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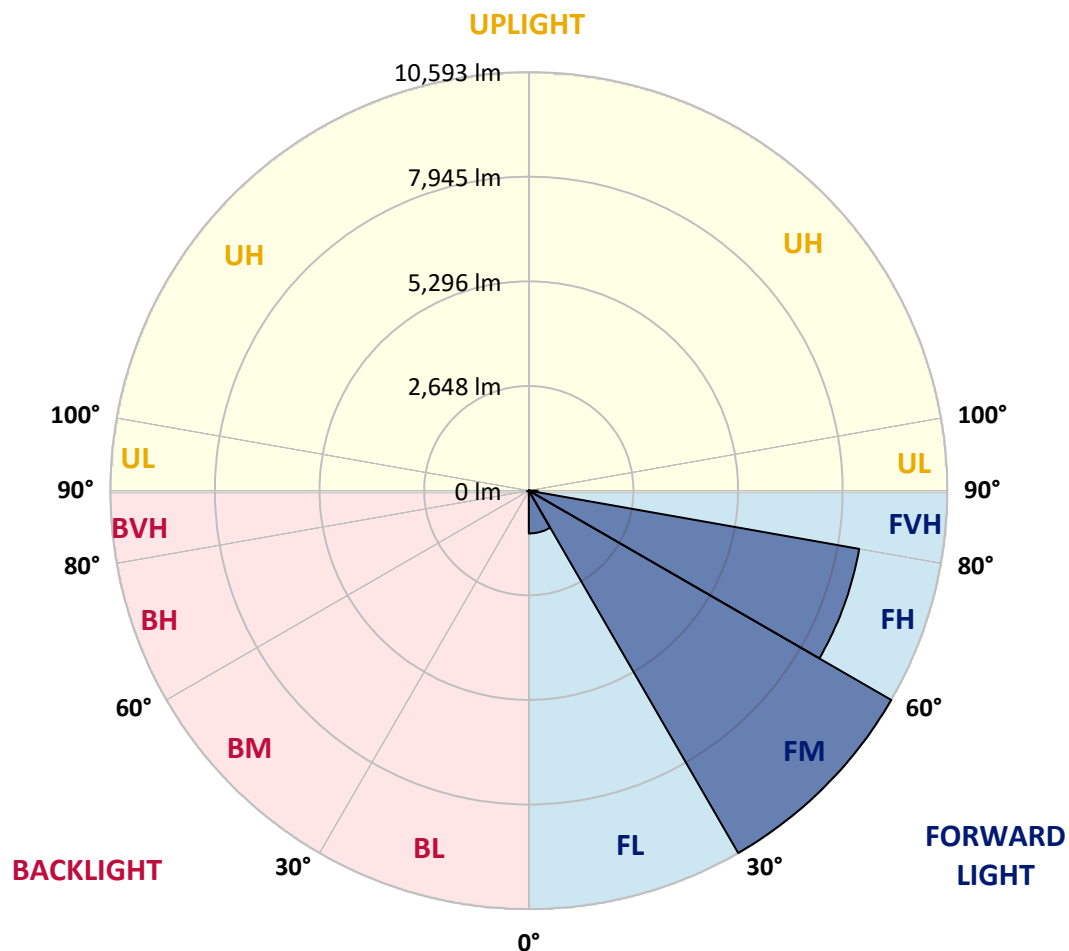
CATALOG NUMBER: GLAN-SA6B-940-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1083.2	5.3			
FM	(30°-60°)	10592.8	51.8			
FH	(60°-80°)	8491.5	41.5			G4/12000
FVH	(80°-90°)	221.5	1.1			G2/225
BL	(0°-30°)	19.5	0.1	B0/110		
BM	(30°-60°)	17.9	0.1	B0/220		
BH	(60°-80°)	34.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8
2.5°	160.6	165.9	160.6	160.6	160.6	155.2	155.2	149.9	149.9	144.5	139.2
5°	235.5	235.5	219.4	208.7	198.0	192.7	187.3	176.6	165.9	155.2	144.5
7.5°	524.5	524.5	476.3	412.1	326.5	278.3	267.6	219.4	187.3	165.9	144.5
10°	1252.4	1252.4	1145.3	968.7	749.3	556.6	497.7	315.8	224.8	176.6	149.9
12.5°	2082.0	2108.7	1974.9	1750.1	1423.7	1086.5	968.7	578.0	299.7	192.7	149.9
15°	2825.9	2761.7	2724.2	2510.1	2199.7	1798.3	1648.4	974.1	433.5	219.4	149.9
17.5°	3329.0	3329.0	3275.5	3131.0	2847.3	2494.1	2371.0	1573.5	701.1	251.5	155.2
20°	3917.7	3917.7	3821.4	3719.7	3468.2	3168.4	3050.7	2237.2	1086.5	321.1	155.2
22.5°	4629.6	4640.3	4533.2	4351.2	4110.4	3778.6	3676.9	2852.7	1573.5	428.2	160.6
25°	5496.6	5507.3	5352.1	5180.8	4811.5	4452.9	4297.7	3559.1	2167.6	599.4	160.6
27.5°	6454.6	6529.5	6299.4	6005.0	5614.3	5164.8	5047.0	4196.0	2756.3	845.6	171.3
30°	7648.1	7648.1	7343.1	6931.0	6508.1	5951.5	5801.7	4865.0	3382.5	1172.1	182.0
32.5°	8675.7	8595.5	8204.8	7771.2	7321.7	6802.5	6641.9	5566.2	4024.8	1578.9	203.4
35°	9462.5	9392.9	8911.2	8445.6	8054.9	7578.6	7385.9	6326.2	4704.5	2039.1	235.5
37.5°	10136.9	10110.1	9457.1	8873.8	8616.9	8199.4	8028.1	7043.3	5373.5	2536.9	273.0
40°	10875.4	10789.8	10094.0	9371.5	8986.2	8649.0	8493.8	7621.4	6015.7	3120.3	326.5
42.5°	11507.0	11405.3	10779.1	10072.6	9414.3	8959.4	8809.5	8108.4	6641.9	3703.6	396.1
45°	12208.1	12154.6	11523.0	10987.8	10110.1	9382.2	9184.2	8499.1	7214.6	4399.4	487.0
47.5°	13262.5	13166.1	12577.4	12138.5	11121.6	10024.5	9740.8	8900.5	7765.9	5084.5	626.2
50°	14488.1	14423.9	14076.0	13728.1	12716.6	11121.6	10784.5	9478.5	8381.4	5898.0	808.2
52.5°	15488.9	15478.2	15521.1	15526.4	14761.1	12968.1	12465.0	10409.8	9087.8	6700.8	1065.1
55°	15467.5	15515.7	15986.7	16527.3	16586.1	15488.9	15001.9	11978.0	10008.4	7691.0	1423.7
57.5°	14889.5	14852.0	15349.8	16163.3	16736.0	16853.7	16773.4	14413.2	11394.6	8884.5	1974.9
58°	14702.2	14670.1	15141.1	15970.6	16628.9	16944.7	16864.4	14964.4	11705.0	9055.7	2124.8
60°	14022.5	14027.8	14306.1	15060.8	15719.1	16468.4	16543.3	16538.0	13251.8	10201.1	2879.4
62.5°	13123.3	13080.5	13337.4	13952.9	14530.9	15034.0	15162.5	16645.0	15515.7	11656.8	4319.1
65°	11881.6	11817.4	12090.4	12786.1	13407.0	13733.5	13738.8	15210.6	16580.8	13219.7	6374.3
67.5°	9574.9	9521.4	10067.3	10961.1	11919.1	12347.3	12539.9	13198.3	15681.6	14279.4	7551.8
70°	5865.9	5978.3	6738.3	8140.5	9778.3	10565.0	10854.0	11057.4	13353.5	14118.8	6315.5
72.5°	2708.2	2574.4	3222.0	4201.4	6069.3	7819.4	8119.1	8916.6	10586.4	12256.3	4709.8
75°	1263.1	1214.9	1364.8	1835.8	2751.0	4222.8	4768.7	7118.3	8119.1	8525.9	3398.6
77.5°	647.6	653.0	776.1	834.9	1134.6	1953.5	2242.5	4683.1	5951.5	4758.0	2280.0
80°	283.7	294.4	299.7	326.5	460.3	754.6	851.0	2172.9	4067.6	2424.5	1247.0
82.5°	182.0	187.3	187.3	187.3	219.4	299.7	342.5	872.4	2028.4	1204.2	385.4
85°	96.3	96.3	107.0	133.8	155.2	182.0	192.7	278.3	669.0	358.6	91.0
87.5°	53.5	58.9	64.2	80.3	101.7	123.1	133.8	192.7	256.9	246.2	21.4
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: GLAN-SA6B-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8	133.8
2.5°	139.2	133.8	128.5	123.1	117.7	112.4	112.4	112.4	112.4	112.4	112.4
5°	133.8	128.5	123.1	112.4	101.7	96.3	91.0	85.6	85.6	85.6	85.6
7.5°	133.8	128.5	112.4	101.7	91.0	80.3	69.6	69.6	69.6	69.6	69.6
10°	133.8	123.1	107.0	91.0	74.9	64.2	58.9	53.5	53.5	53.5	53.5
12.5°	133.8	117.7	101.7	80.3	64.2	53.5	48.2	42.8	42.8	42.8	42.8
15°	133.8	117.7	96.3	74.9	58.9	42.8	37.5	32.1	32.1	32.1	32.1
17.5°	128.5	112.4	91.0	64.2	48.2	32.1	26.8	21.4	21.4	26.8	26.8
20°	123.1	107.0	80.3	53.5	37.5	26.8	16.1	16.1	16.1	16.1	16.1
22.5°	123.1	107.0	74.9	48.2	32.1	16.1	10.7	10.7	10.7	10.7	16.1
25°	123.1	101.7	64.2	37.5	21.4	10.7	5.4	5.4	5.4	5.4	5.4
27.5°	123.1	101.7	58.9	32.1	16.1	10.7	5.4	0.0	0.0	0.0	0.0
30°	117.7	96.3	53.5	26.8	10.7	5.4	0.0	0.0	0.0	0.0	0.0
32.5°	117.7	91.0	42.8	21.4	10.7	5.4	0.0	0.0	0.0	0.0	0.0
35°	123.1	85.6	37.5	16.1	5.4	0.0	0.0	0.0	0.0	0.0	5.4
37.5°	128.5	80.3	32.1	10.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	133.8	74.9	32.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	144.5	74.9	26.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	155.2	74.9	21.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	176.6	80.3	21.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	192.7	85.6	16.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	214.1	80.3	16.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	240.8	80.3	16.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	262.3	74.9	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	273.0	69.6	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	326.5	64.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	508.4	53.5	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1033.0	48.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1926.8	42.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2156.9	48.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1359.4	37.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	717.2	37.5	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	358.6	37.5	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	165.9	26.8	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	69.6	16.1	10.7	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	32.1	16.1	10.7	10.7	5.4	5.4	0.0	0.0	0.0	0.0	0.0
87.5°	16.1	16.1	16.1	10.7	10.7	5.4	5.4	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

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

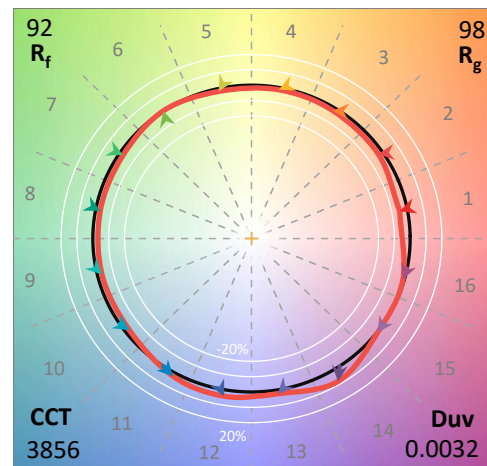
Test Information

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

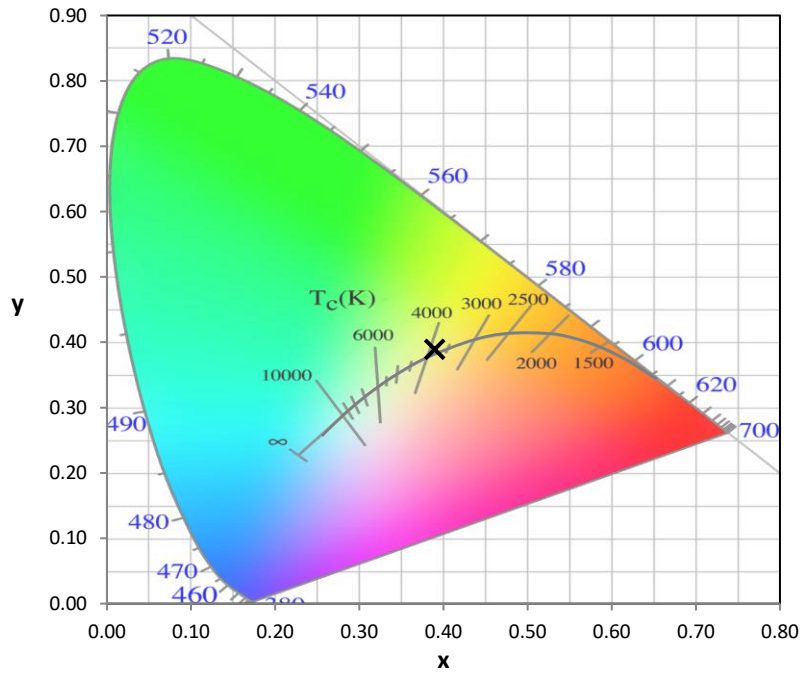
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

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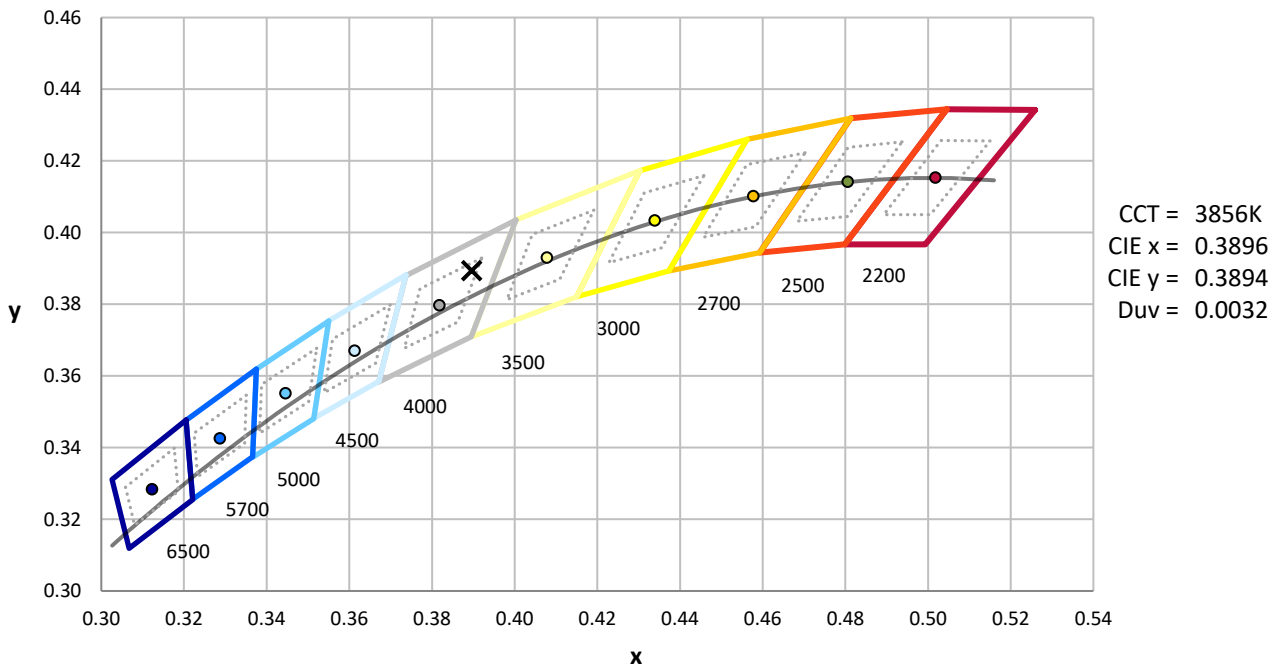
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



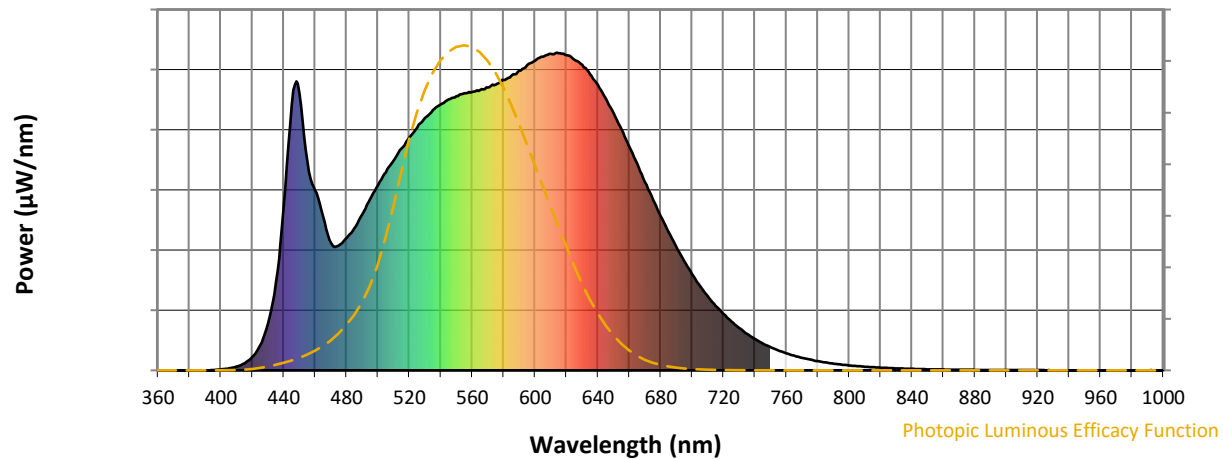
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

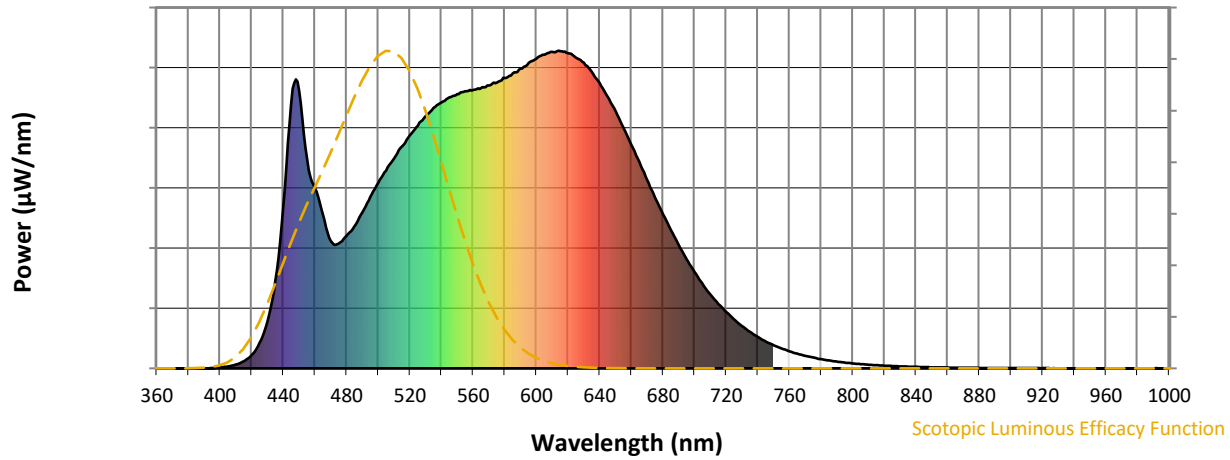


Photopic Lumens: NR

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



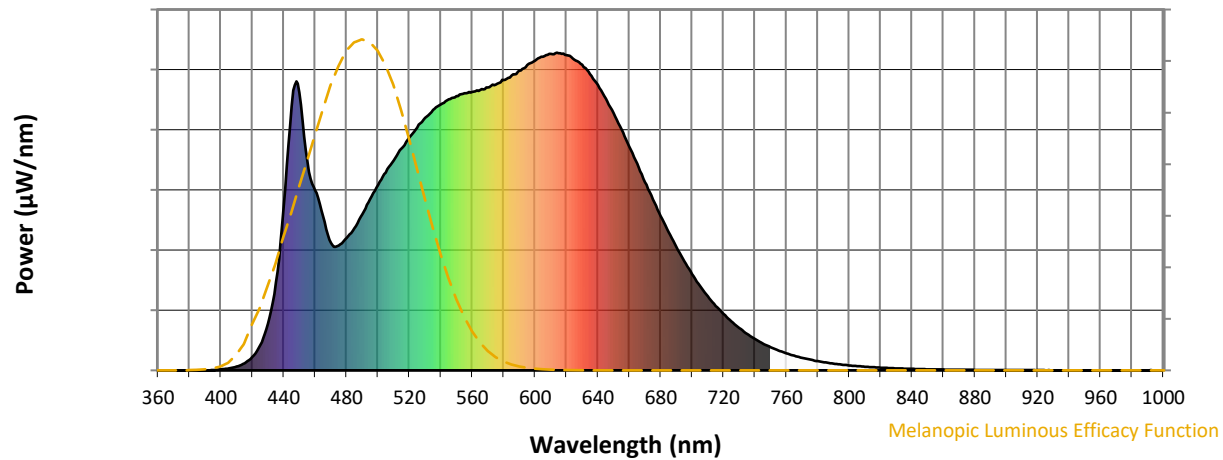
Scotopic Lumens: NR

S/P: 1.72

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

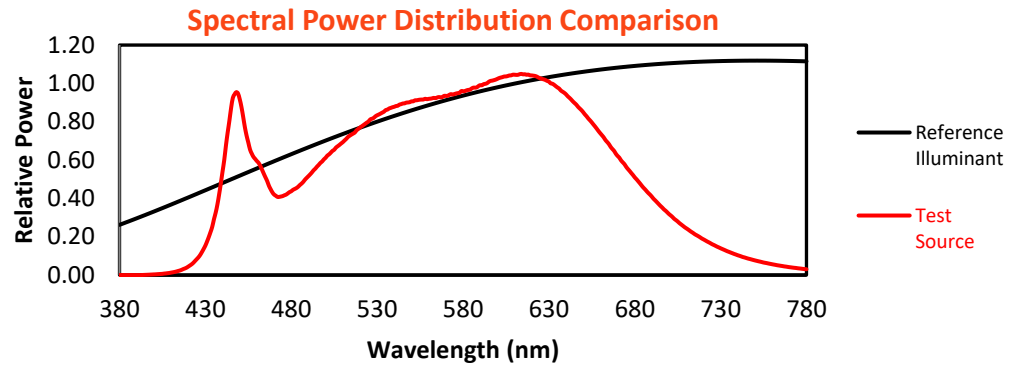
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	492	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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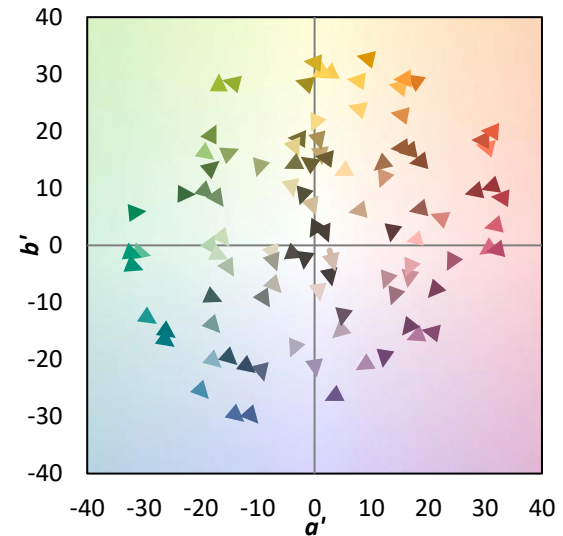
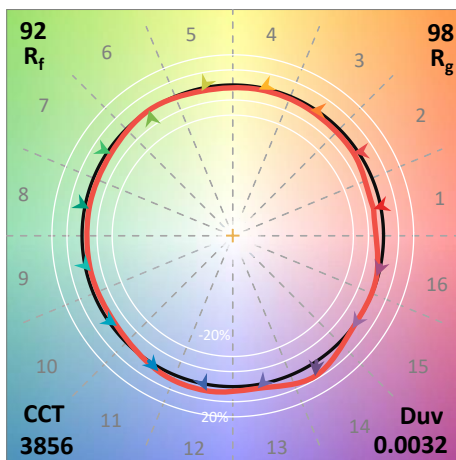
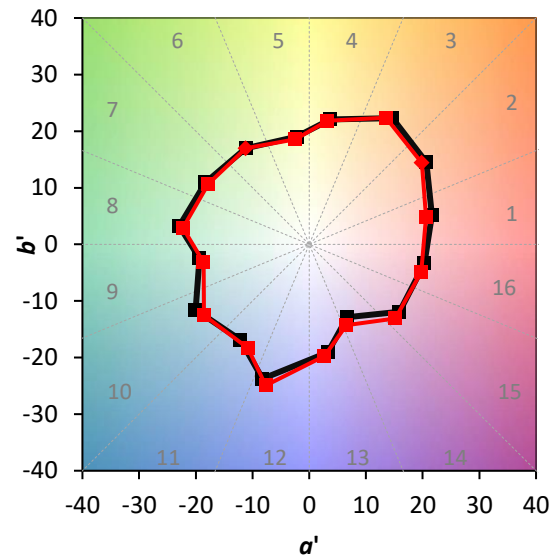
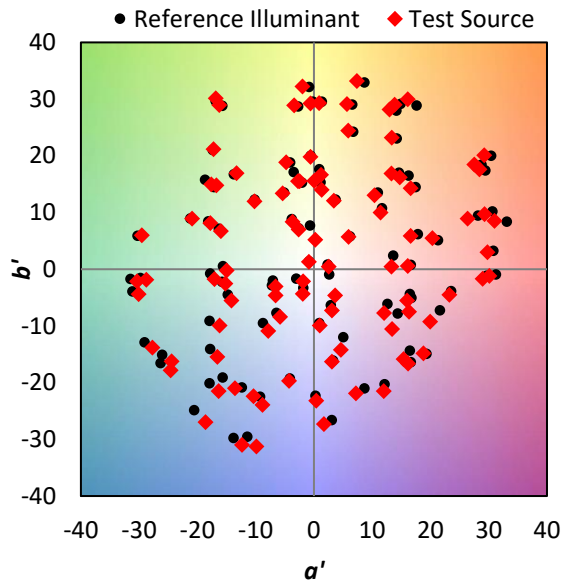
TM-30-18

Summary

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

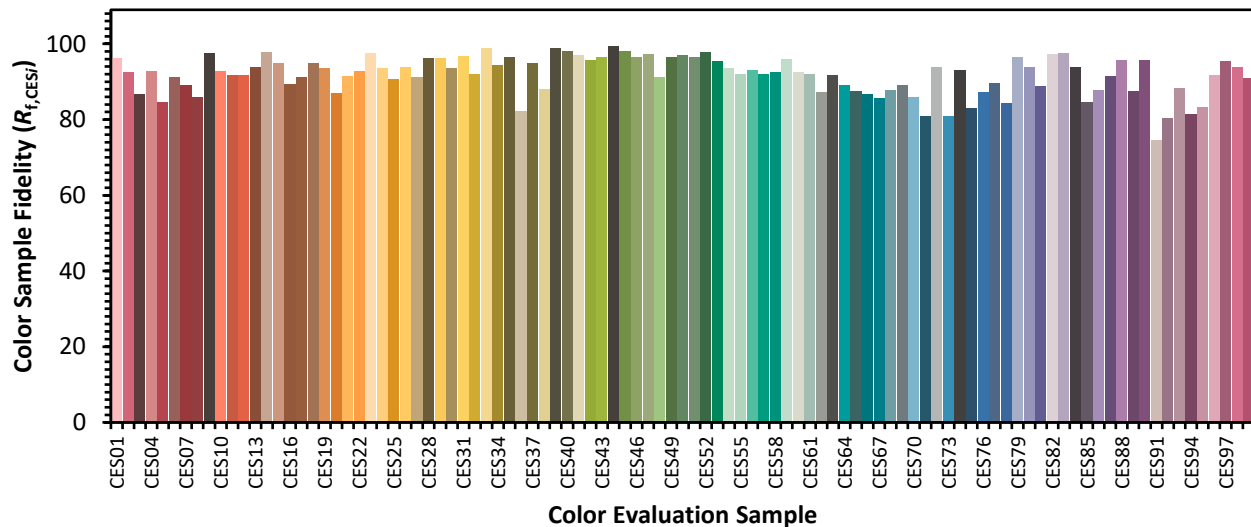


Color Vector Graphics

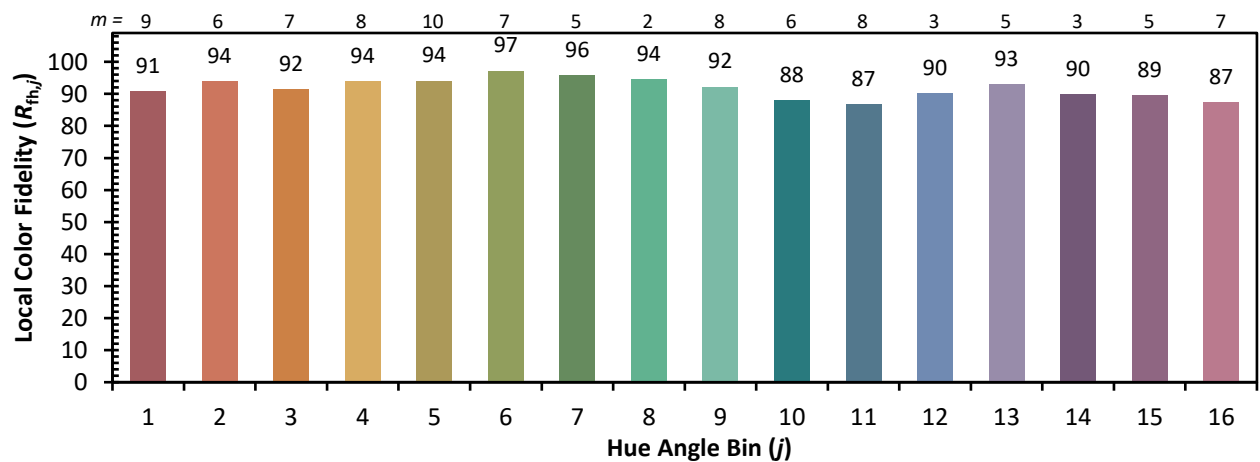
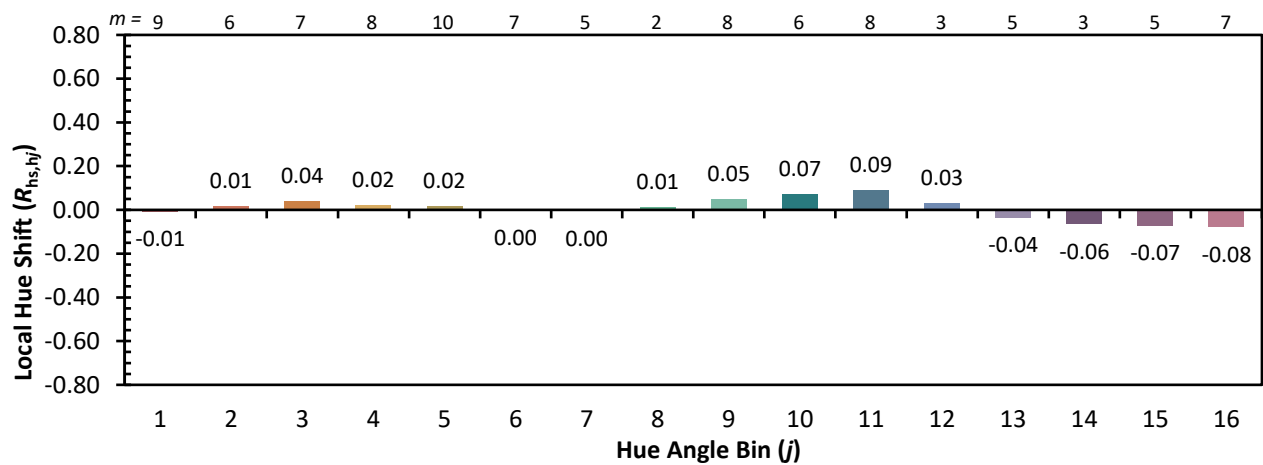
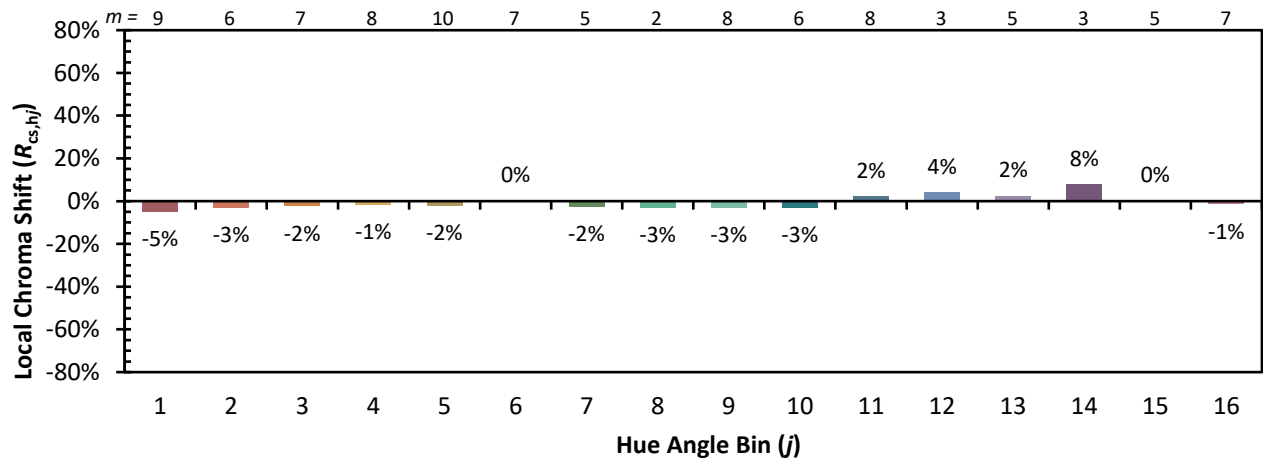


Individual Sample Fidelity Index ($R_{f,i}$)

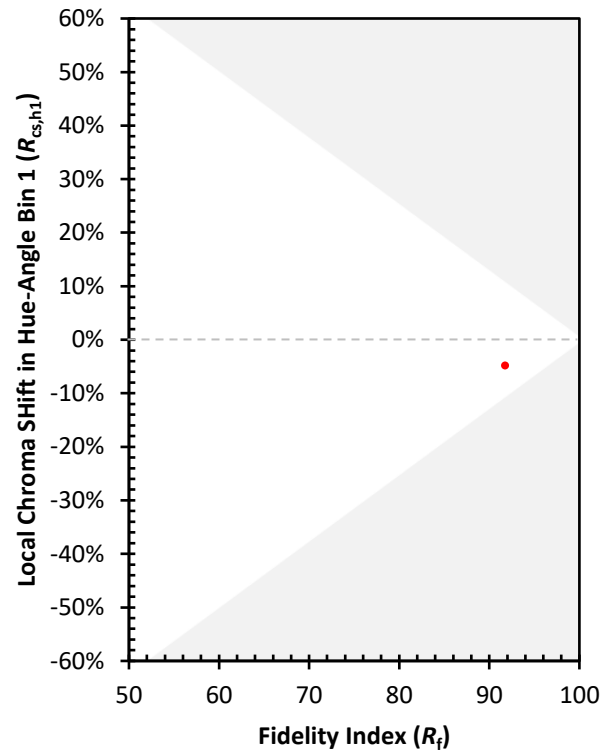
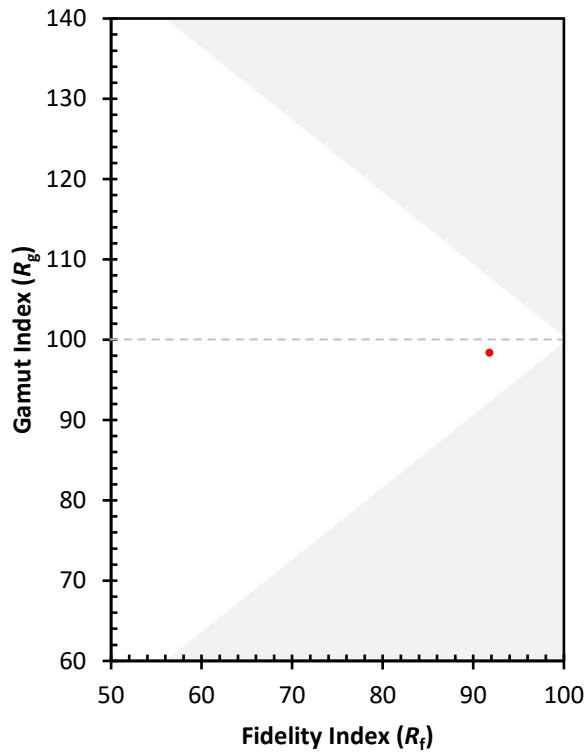
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 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)