

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: P1063170

Luminaire Tested: **GLAN-SA5B-935-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063170
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5B-935-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17076.1 lumens
Efficiency: N/A
Efficacy: 95.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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

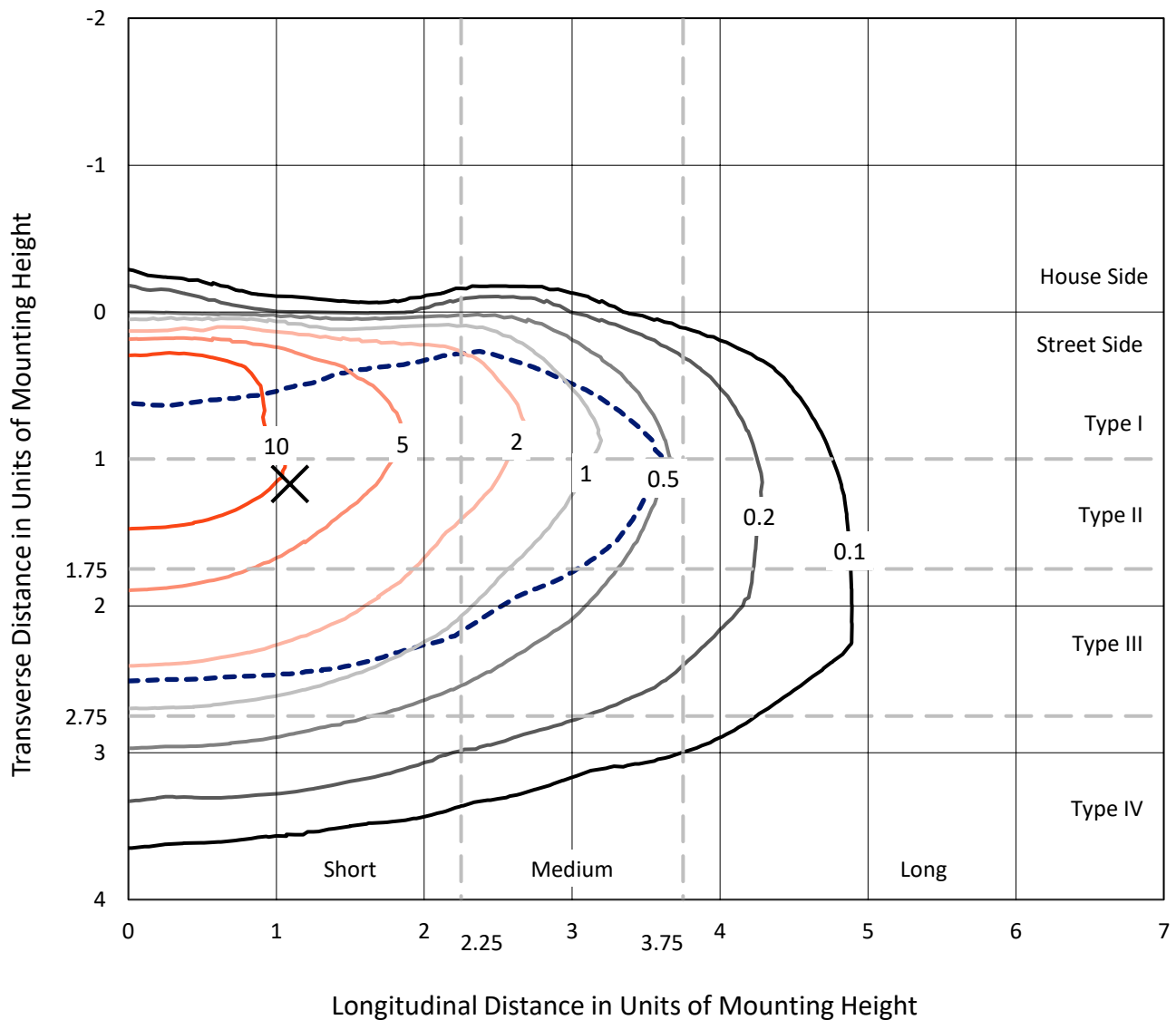


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

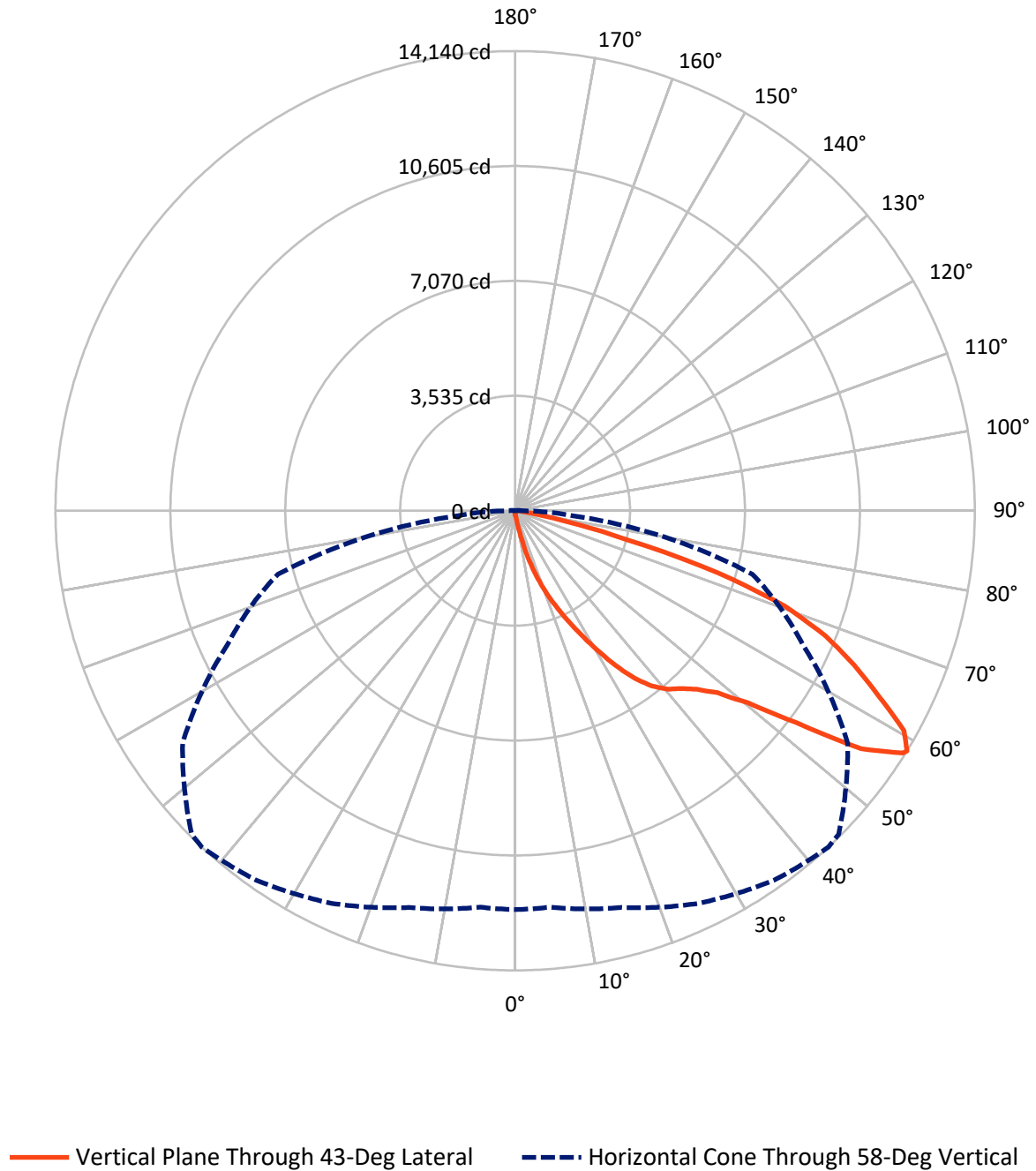


Based on 15 foot mounting height. Maximum calculated value = 19.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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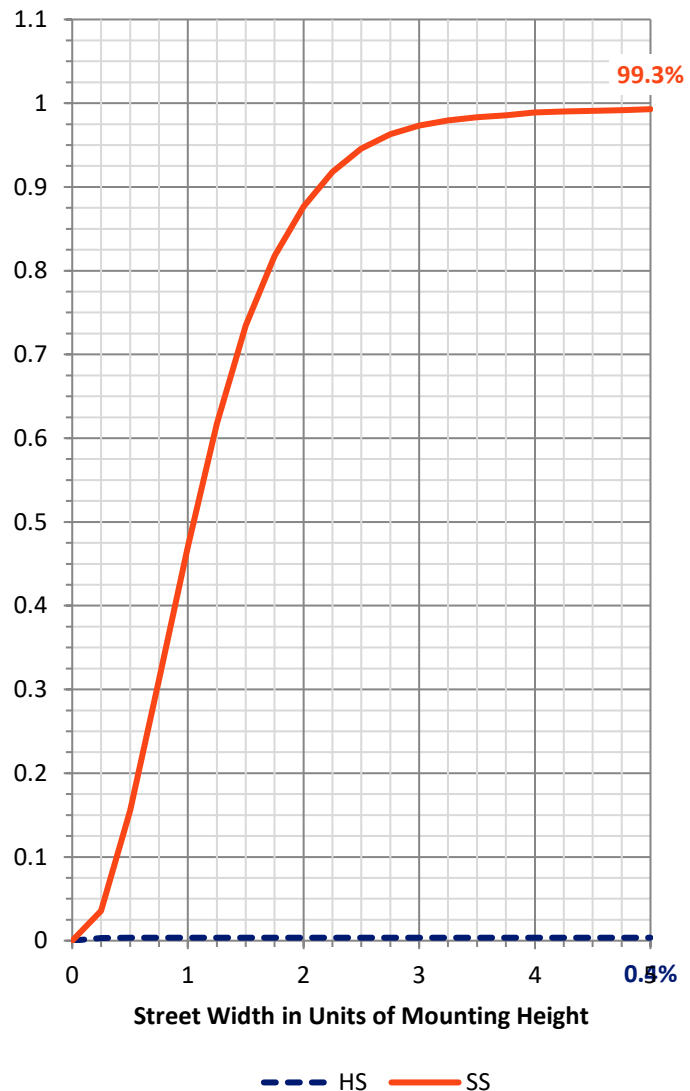
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.3	0.0	62.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17013.7	0.0	17013.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	17076.1	0.0	17076.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.4	0.1
10°-20°	196.3	1.1
20°-30°	707.5	4.1
30°-40°	1618.7	9.5
40°-50°	2730.1	16.0
50°-60°	4505.4	26.4
60°-70°	5035.3	29.5
70°-80°	2079.0	12.2
80°-90°	187.4	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°	17076.1	100.0
0°-180°	17076.1	100.0



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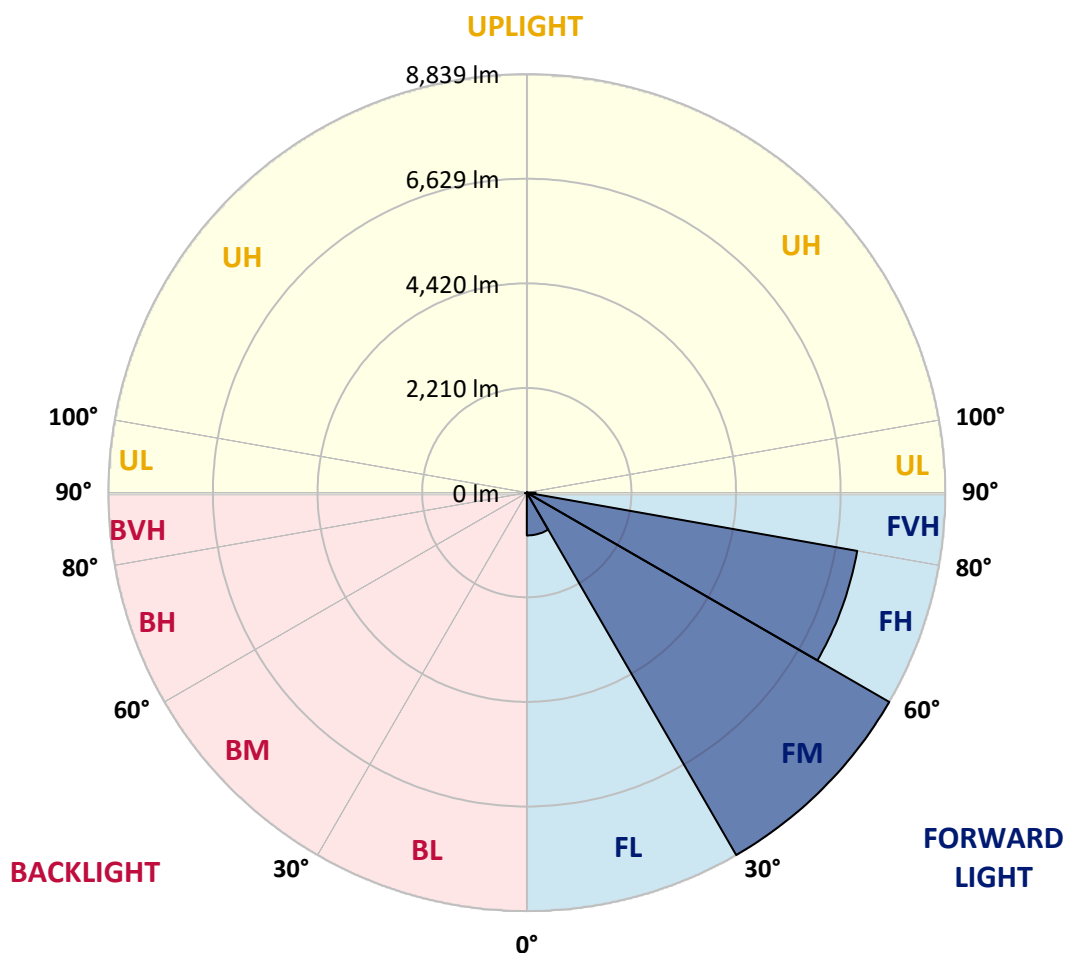
CATALOG NUMBER: GLAN-SA5B-935-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	903.9	5.3			
FM	(30°-60°)	8839.2	51.8			
FH	(60°-80°)	7085.8	41.5			G3/7500
FVH	(80°-90°)	184.9	1.1			G2/225
BL	(0°-30°)	16.3	0.1	B0/110		
BM	(30°-60°)	14.9	0.1	B0/220		
BH	(60°-80°)	28.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7
2.5°	134.0	138.4	134.0	134.0	134.0	129.5	129.5	125.1	125.1	120.6	116.1
5°	196.5	196.5	183.1	174.2	165.2	160.8	156.3	147.4	138.4	129.5	120.6
7.5°	437.7	437.7	397.5	343.9	272.4	232.2	223.3	183.1	156.3	138.4	120.6
10°	1045.1	1045.1	955.7	808.4	625.3	464.5	415.3	263.5	187.6	147.4	125.1
12.5°	1737.3	1759.6	1648.0	1460.4	1188.0	906.6	808.4	482.3	250.1	160.8	125.1
15°	2358.1	2304.5	2273.2	2094.6	1835.6	1500.6	1375.6	812.8	361.8	183.1	125.1
17.5°	2777.9	2777.9	2733.3	2612.7	2376.0	2081.2	1978.5	1313.0	585.1	209.9	129.5
20°	3269.2	3269.2	3188.8	3103.9	2894.0	2643.9	2545.7	1866.8	906.6	268.0	129.5
22.5°	3863.2	3872.1	3782.8	3630.9	3430.0	3153.1	3068.2	2380.4	1313.0	357.3	134.0
25°	4586.7	4595.6	4466.1	4323.2	4015.0	3715.8	3586.3	2970.0	1808.8	500.2	134.0
27.5°	5386.1	5448.6	5256.6	5011.0	4684.9	4309.8	4211.5	3501.4	2300.0	705.6	142.9
30°	6382.1	6382.1	6127.5	5783.6	5430.8	4966.3	4841.3	4059.7	2822.6	978.1	151.8
32.5°	7239.5	7172.6	6846.5	6484.8	6109.6	5676.4	5542.4	4644.7	3358.5	1317.5	169.7
35°	7896.1	7838.0	7436.1	7047.5	6721.5	6324.0	6163.2	5278.9	3925.7	1701.6	196.5
37.5°	8458.8	8436.5	7891.6	7404.8	7190.4	6842.1	6699.2	5877.4	4484.0	2116.9	227.8
40°	9075.1	9003.7	8423.1	7820.1	7498.6	7217.2	7087.7	6359.7	5019.9	2603.7	272.4
42.5°	9602.1	9517.3	8994.7	8405.2	7855.9	7476.3	7351.2	6766.1	5542.4	3090.5	330.5
45°	10187.2	10142.5	9615.5	9168.9	8436.5	7829.1	7663.8	7092.2	6020.3	3671.1	406.4
47.5°	11067.0	10986.6	10495.3	10129.1	9280.6	8365.0	8128.3	7427.1	6480.3	4242.8	522.5
50°	12089.7	12036.1	11745.8	11455.5	10611.5	9280.6	8999.2	7909.5	6993.9	4921.6	674.4
52.5°	12924.9	12916.0	12951.7	12956.2	12317.5	10821.4	10401.5	8686.6	7583.4	5591.6	888.8
55°	12907.0	12947.2	13340.2	13791.3	13840.4	12924.9	12518.5	9995.1	8351.6	6417.8	1188.0
57.5°	12424.7	12393.4	12808.8	13487.6	13965.5	14063.8	13996.8	12027.2	9508.3	7413.7	1648.0
58°	12268.4	12241.6	12634.6	13326.8	13876.2	14139.7	14072.7	12487.2	9767.4	7556.6	1773.0
60°	11701.2	11705.6	11937.9	12567.6	13116.9	13742.2	13804.7	13800.3	11058.1	8512.4	2402.8
62.5°	10950.9	10915.2	11129.5	11643.1	12125.5	12545.3	12652.5	13889.6	12947.2	9727.2	3604.1
65°	9914.7	9861.2	10088.9	10669.5	11187.6	11460.0	11464.5	12692.7	13836.0	11031.3	5319.1
67.5°	7989.9	7945.2	8400.7	9146.6	9946.0	10303.3	10464.1	11013.4	13085.7	11915.6	6301.7
70°	4894.8	4988.6	5622.8	6792.9	8159.6	8816.1	9057.3	9227.0	11142.9	11781.6	5270.0
72.5°	2259.8	2148.2	2688.6	3505.9	5064.6	6525.0	6775.1	7440.5	8833.9	10227.4	3930.2
75°	1054.0	1013.8	1138.9	1531.9	2295.6	3523.8	3979.3	5939.9	6775.1	7114.5	2836.0
77.5°	540.4	544.9	647.6	696.7	946.8	1630.1	1871.3	3907.8	4966.3	3970.4	1902.6
80°	236.7	245.6	250.1	272.4	384.1	629.7	710.1	1813.2	3394.2	2023.1	1040.6
82.5°	151.8	156.3	156.3	156.3	183.1	250.1	285.8	728.0	1692.7	1004.9	321.6
85°	80.4	80.4	89.3	111.7	129.5	151.8	160.8	232.2	558.3	299.2	75.9
87.5°	44.7	49.1	53.6	67.0	84.9	102.7	111.7	160.8	214.4	205.4	17.9
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-SA5B-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7	111.7
2.5°	116.1	111.7	107.2	102.7	98.3	93.8	93.8	93.8	93.8	93.8	93.8
5°	111.7	107.2	102.7	93.8	84.9	80.4	75.9	71.5	71.5	71.5	71.5
7.5°	111.7	107.2	93.8	84.9	75.9	67.0	58.1	58.1	58.1	58.1	58.1
10°	111.7	102.7	89.3	75.9	62.5	53.6	49.1	44.7	44.7	44.7	44.7
12.5°	111.7	98.3	84.9	67.0	53.6	44.7	40.2	35.7	35.7	35.7	35.7
15°	111.7	98.3	80.4	62.5	49.1	35.7	31.3	26.8	26.8	26.8	26.8
17.5°	107.2	93.8	75.9	53.6	40.2	26.8	22.3	17.9	17.9	22.3	22.3
20°	102.7	89.3	67.0	44.7	31.3	22.3	13.4	13.4	13.4	13.4	13.4
22.5°	102.7	89.3	62.5	40.2	26.8	13.4	8.9	8.9	8.9	8.9	13.4
25°	102.7	84.9	53.6	31.3	17.9	8.9	4.5	4.5	4.5	4.5	4.5
27.5°	102.7	84.9	49.1	26.8	13.4	8.9	4.5	0.0	0.0	0.0	0.0
30°	98.3	80.4	44.7	22.3	8.9	4.5	0.0	0.0	0.0	0.0	0.0
32.5°	98.3	75.9	35.7	17.9	8.9	4.5	0.0	0.0	0.0	0.0	0.0
35°	102.7	71.5	31.3	13.4	4.5	0.0	0.0	0.0	0.0	0.0	4.5
37.5°	107.2	67.0	26.8	8.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	111.7	62.5	26.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	120.6	62.5	22.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	129.5	62.5	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	147.4	67.0	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	160.8	71.5	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	178.6	67.0	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	201.0	67.0	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	218.8	62.5	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	227.8	58.1	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	272.4	53.6	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	424.3	44.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	862.0	40.2	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1607.8	35.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1799.8	40.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1134.4	31.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	598.5	31.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	299.2	31.3	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	138.4	22.3	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	58.1	13.4	8.9	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.8	13.4	8.9	8.9	4.5	4.5	0.0	0.0	0.0	0.0	0.0
87.5°	13.4	13.4	13.4	8.9	8.9	4.5	4.5	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

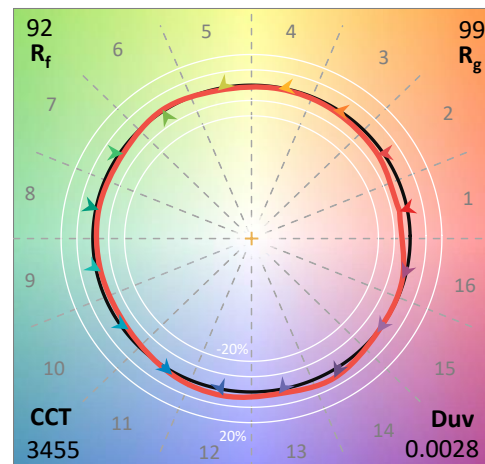
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

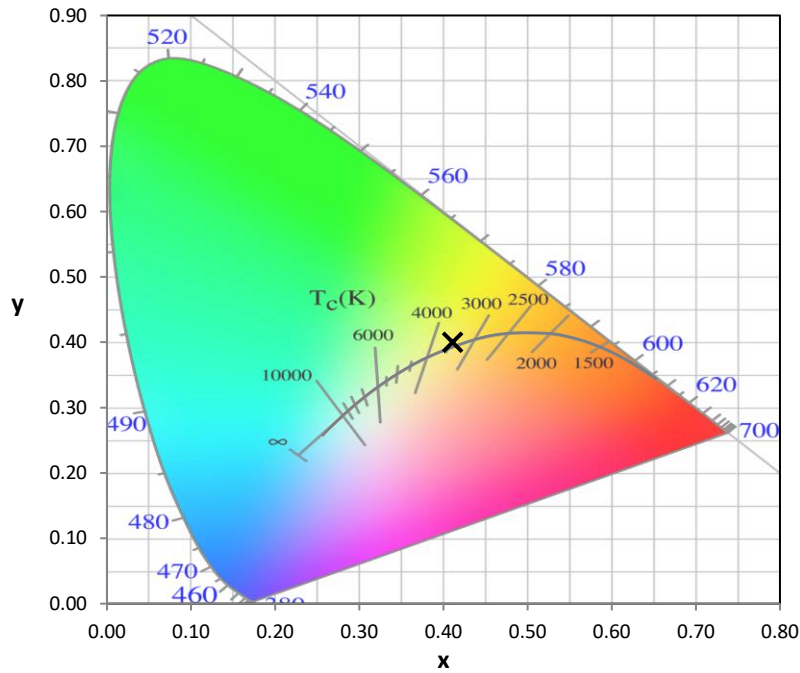
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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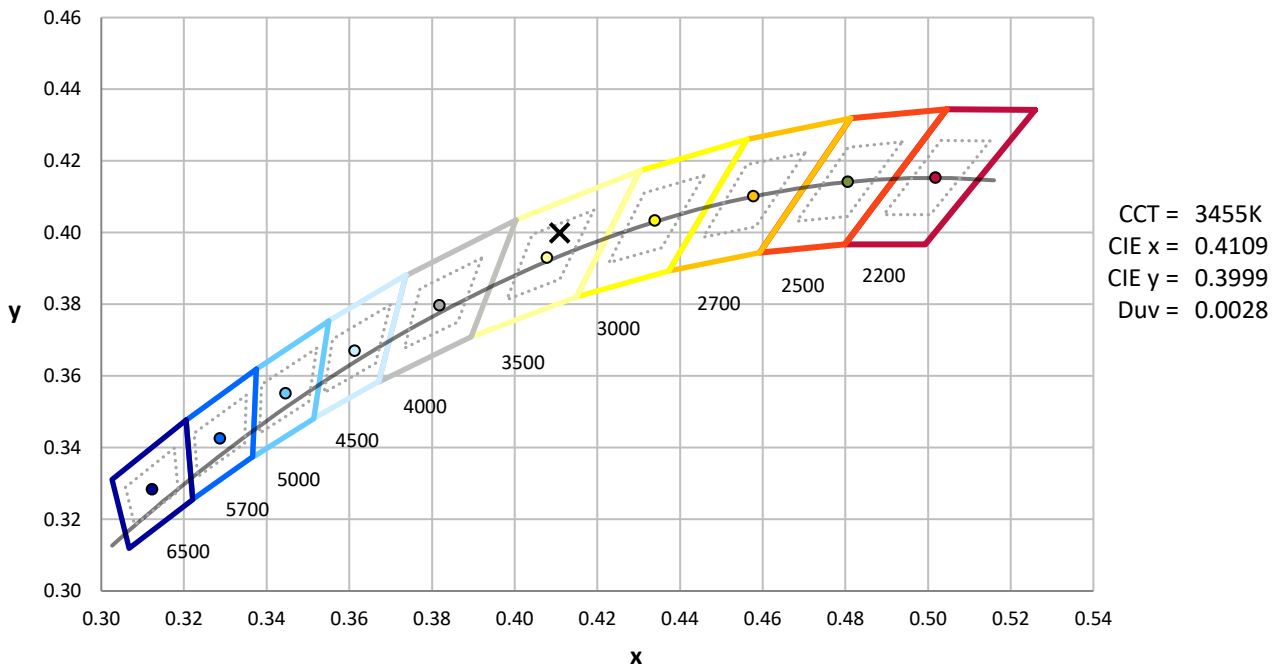
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



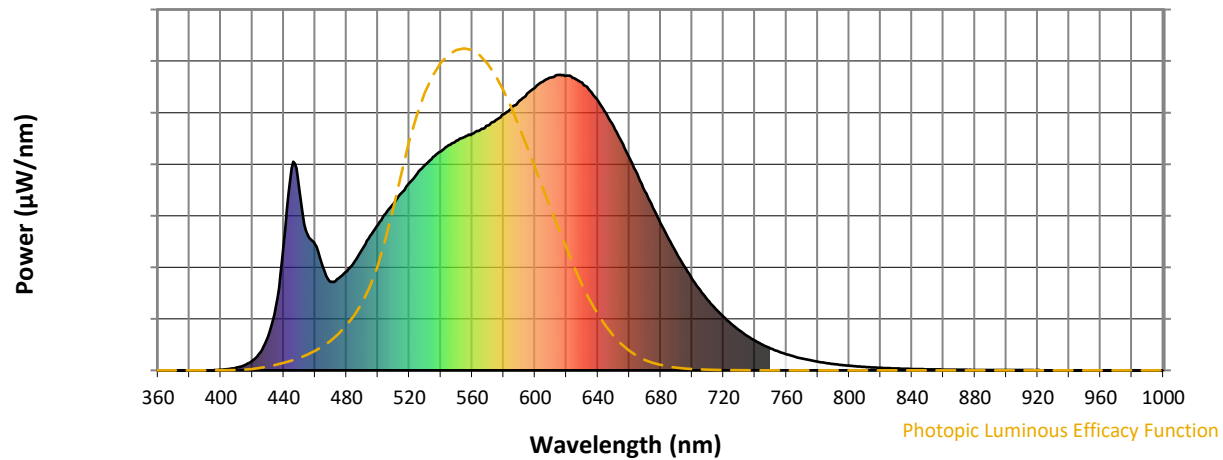
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

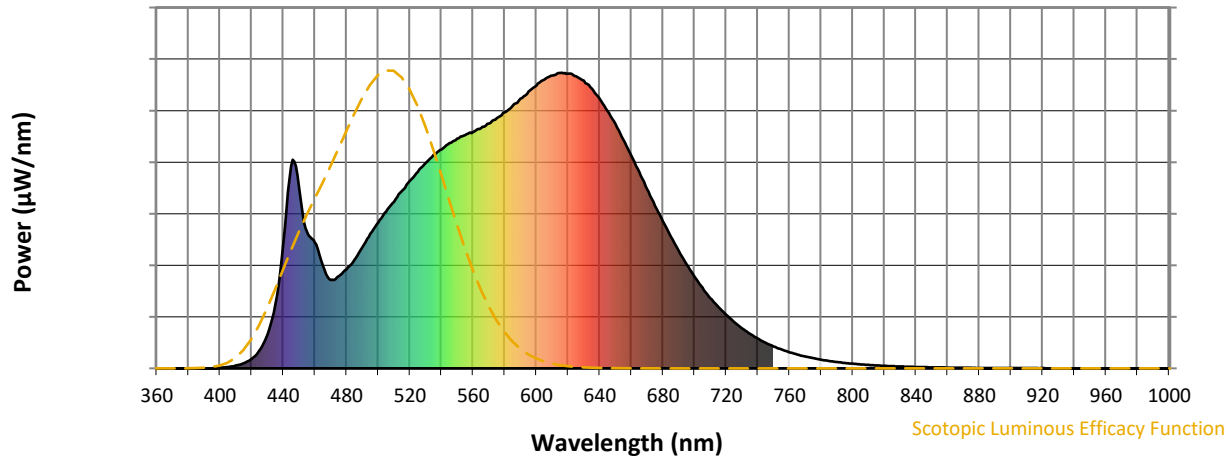


Photopic Lumens: NR

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



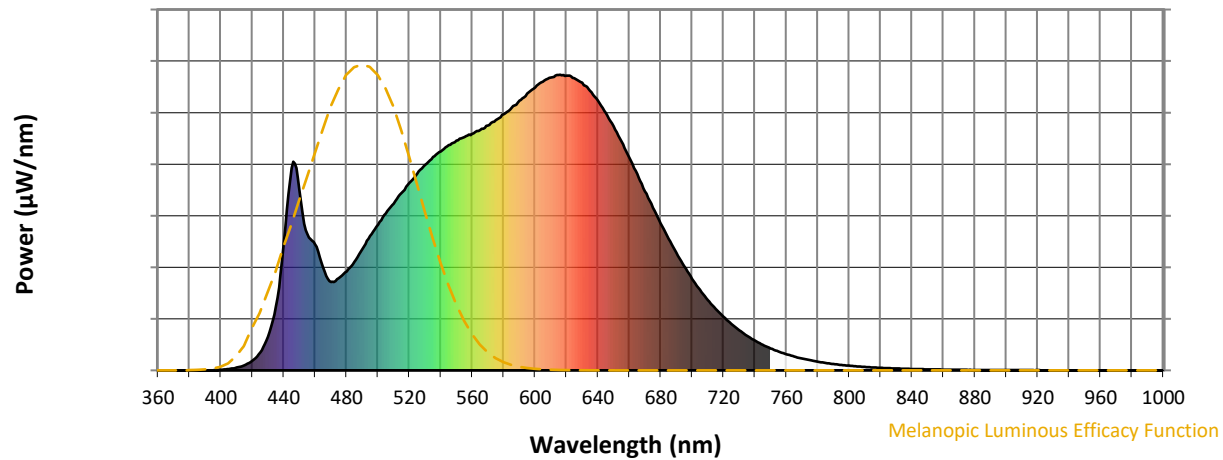
Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

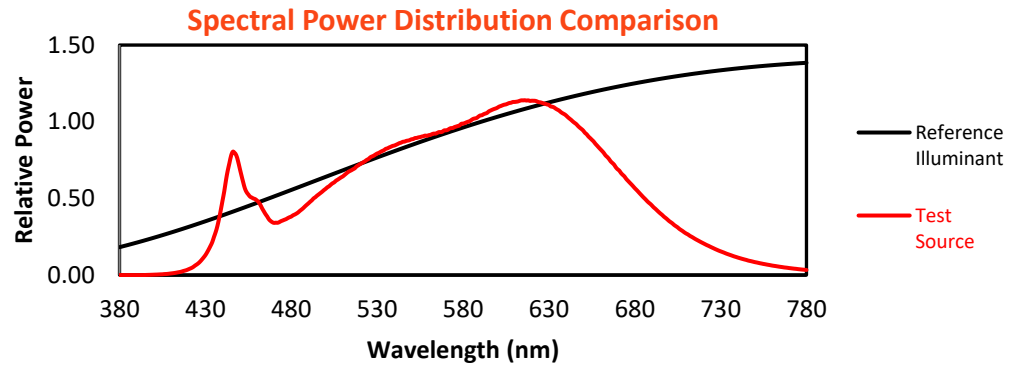
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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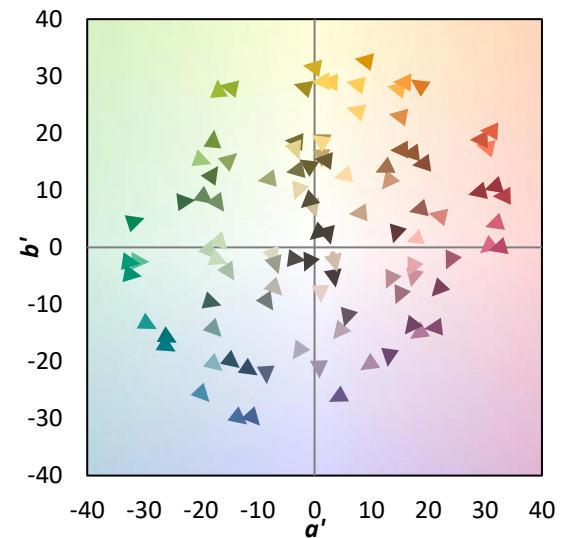
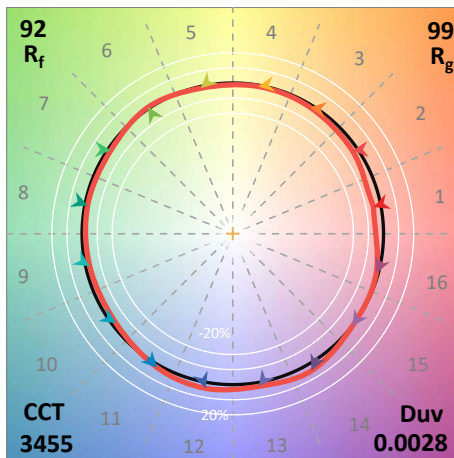
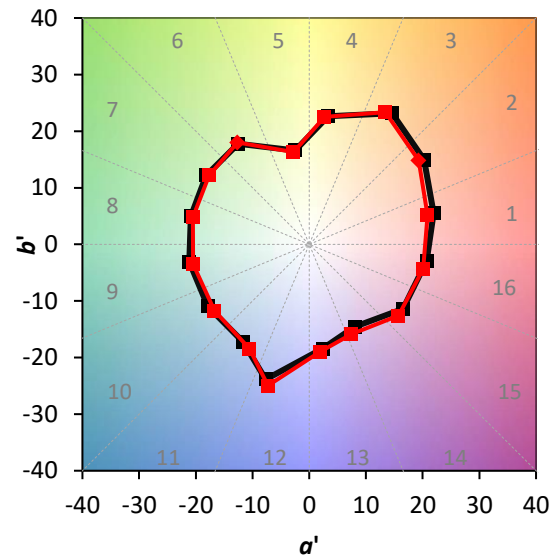
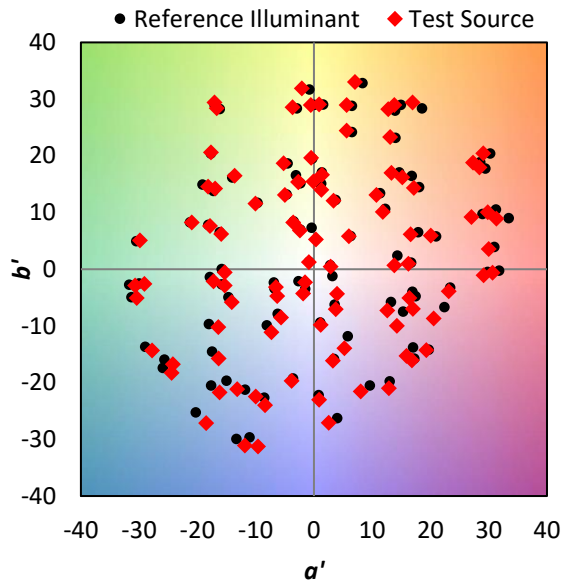
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $CIE R_a = 92.2$
 $R_9 = 59.8$

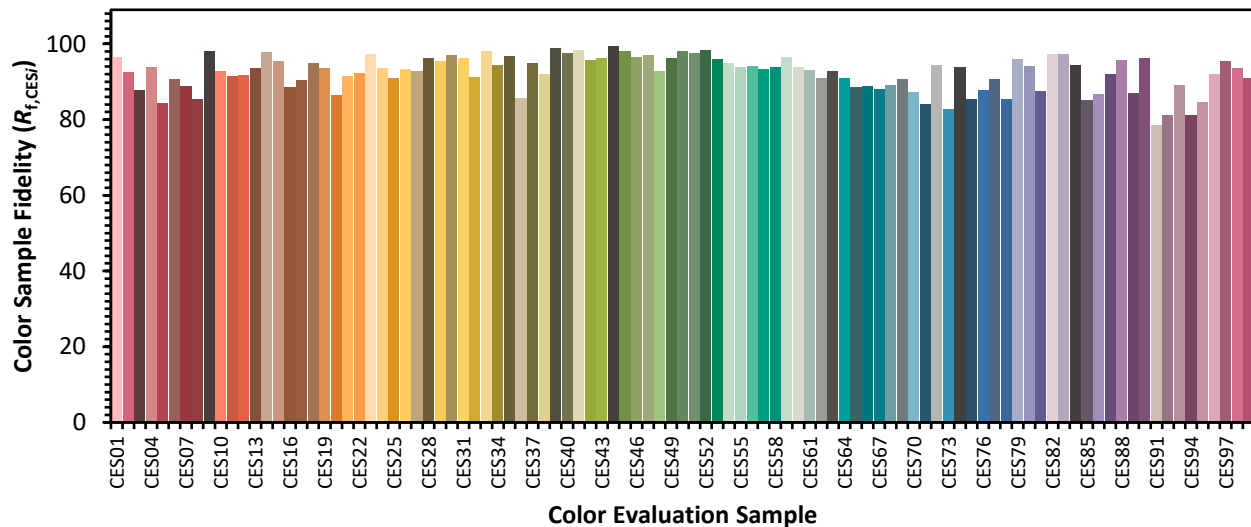


Color Vector Graphics

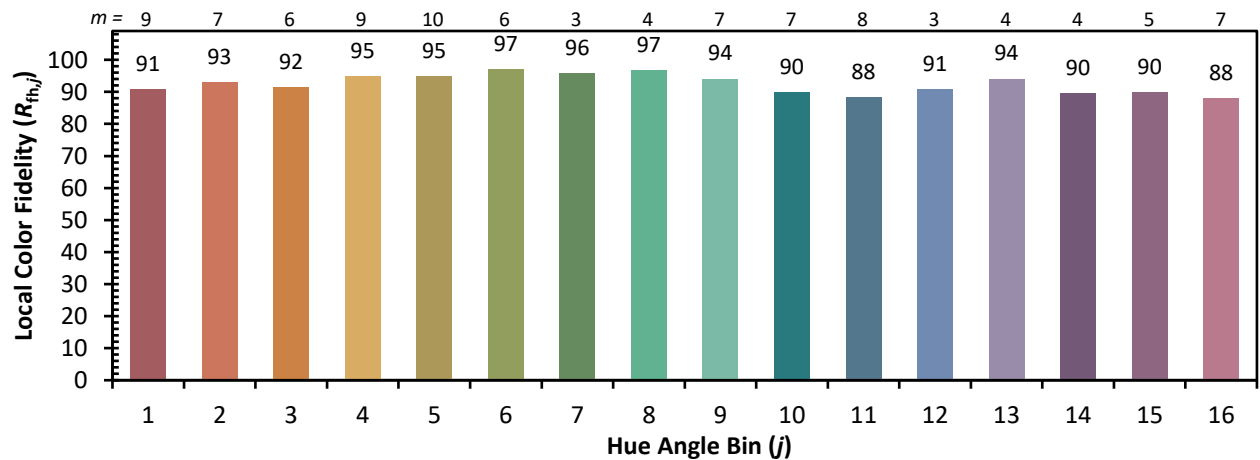
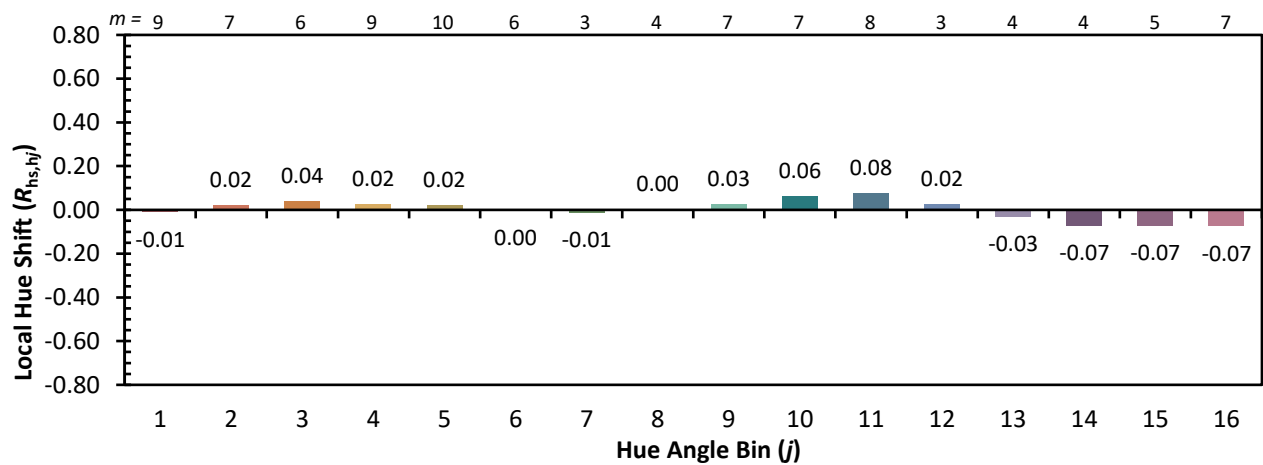
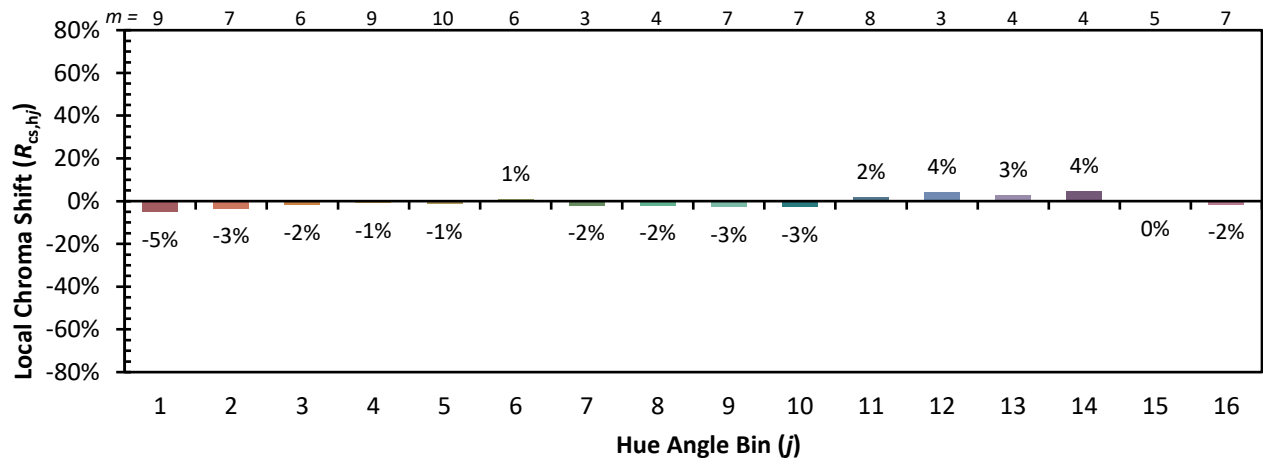


Individual Sample Fidelity Index ($R_{f,i}$)

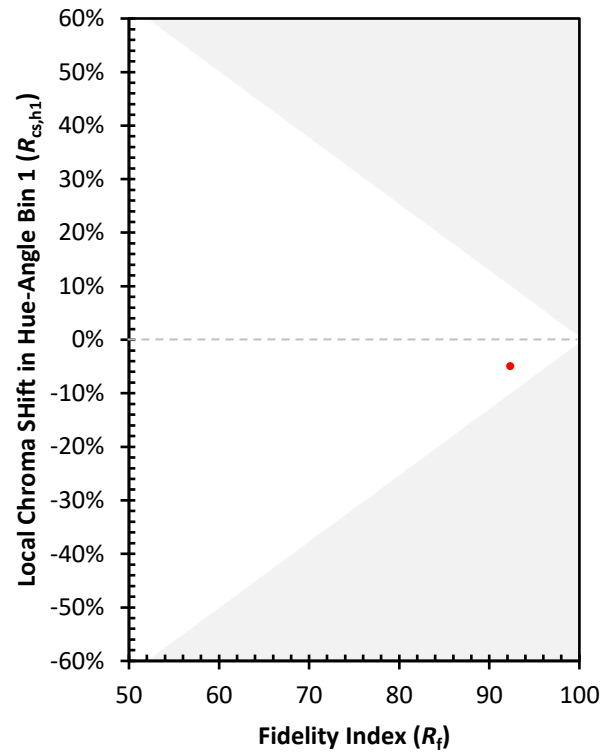
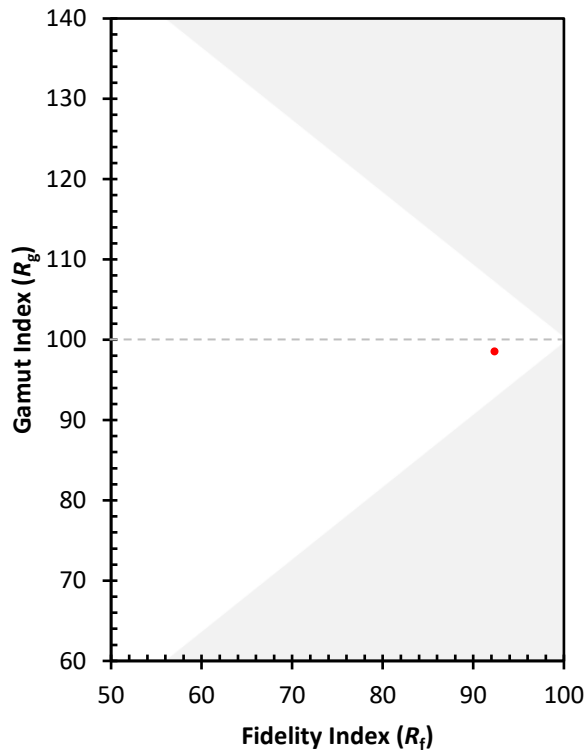
CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)