

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: P1062933

Luminaire Tested: **GLAN-SA9A-827-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062933
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9A-827-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29022.2 lumens
Efficiency: N/A
Efficacy: 118.7 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): 244.6
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

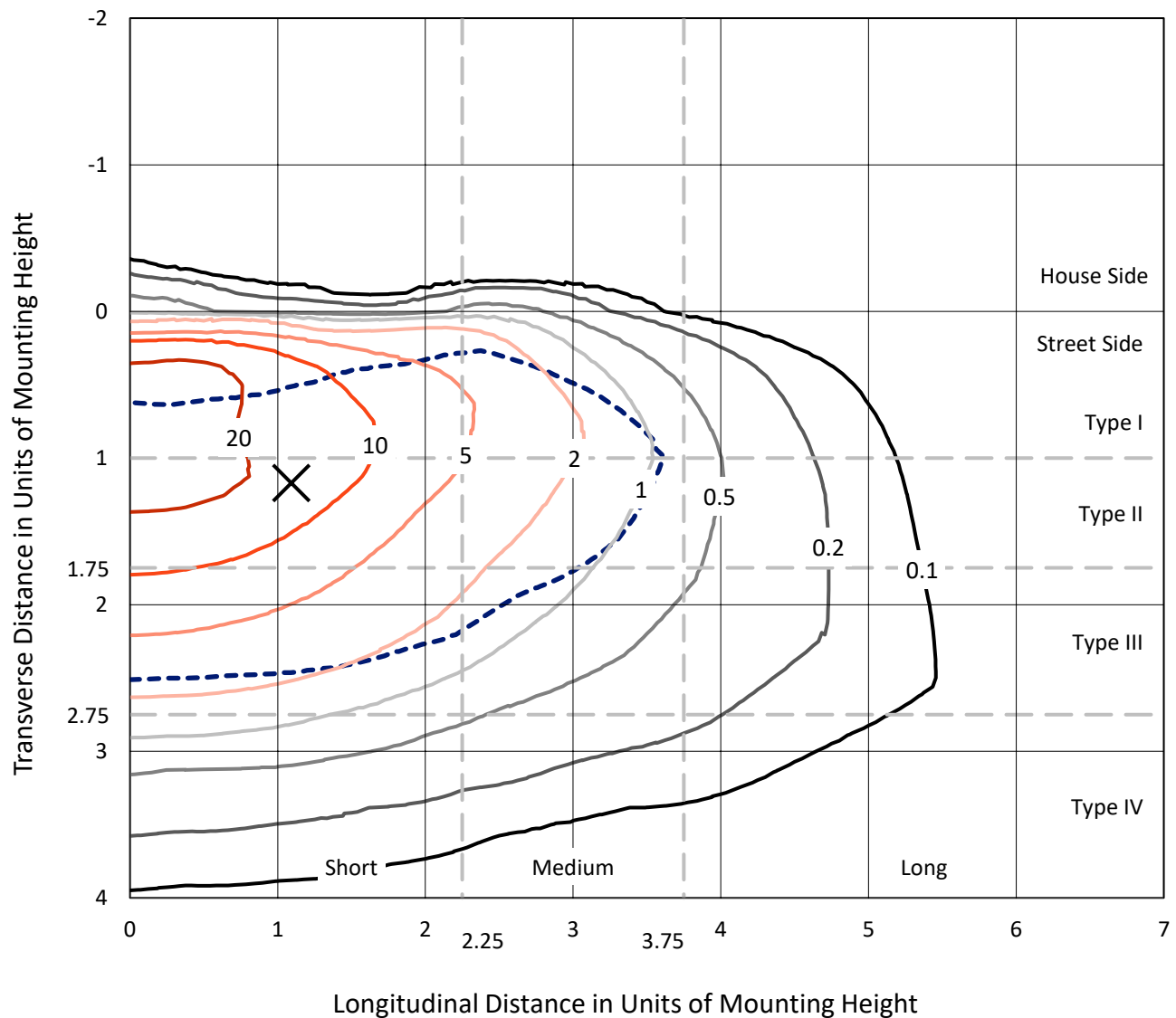


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

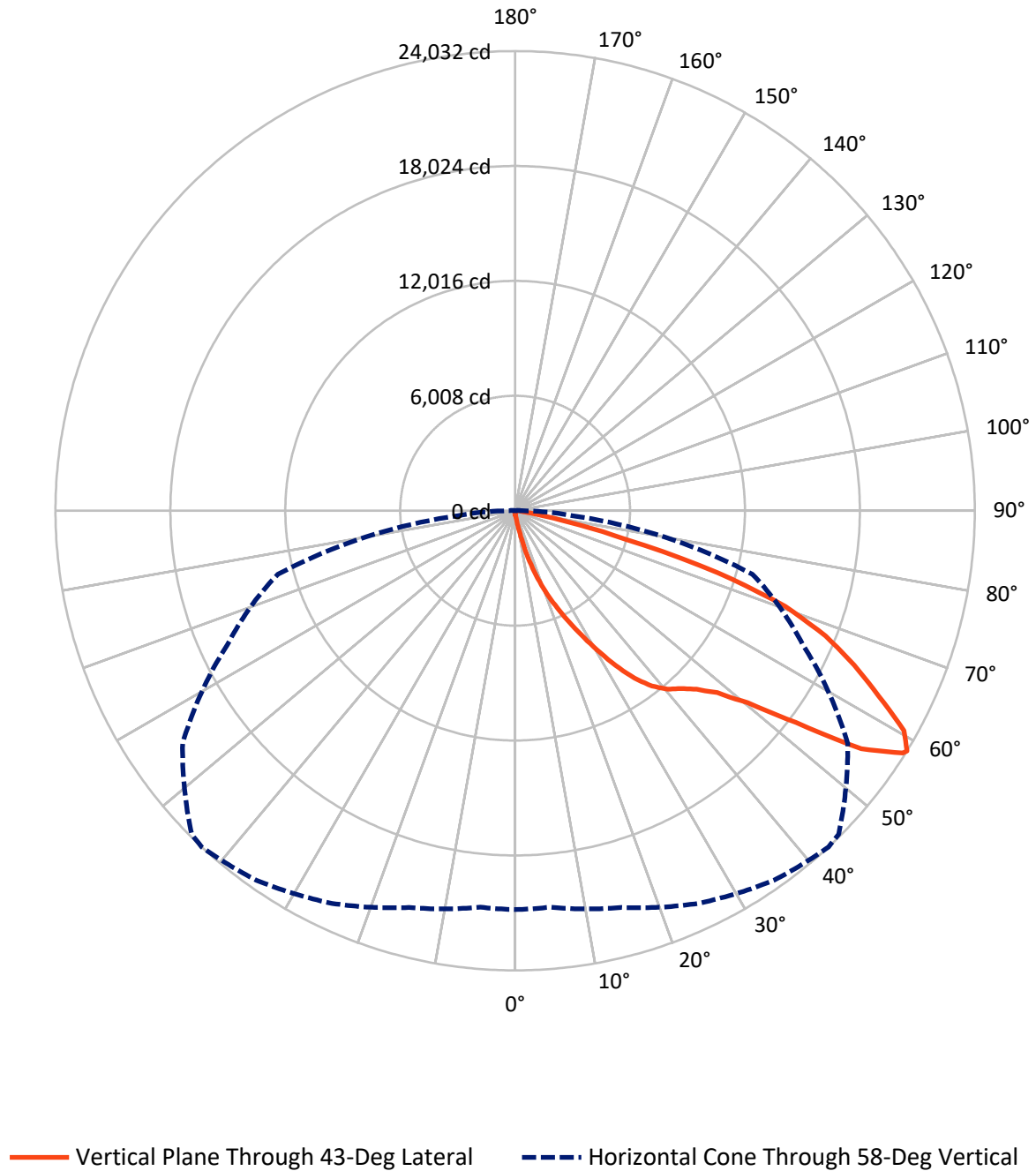


Based on 15 foot mounting height. Maximum calculated value = 32.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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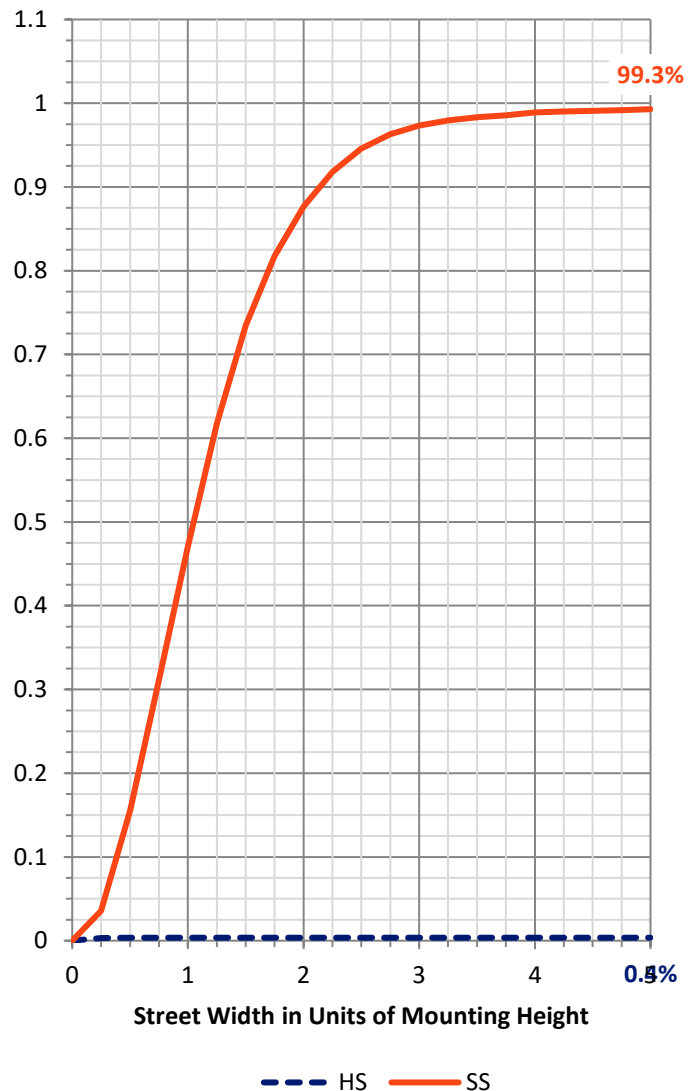
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	106.0	0.0	106.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28916.3	0.0	28916.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	29022.2	0.0	29022.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.8	0.1
10°-20°	333.6	1.1
20°-30°	1202.4	4.1
30°-40°	2751.1	9.5
40°-50°	4640.1	16.0
50°-60°	7657.2	26.4
60°-70°	8558.0	29.5
70°-80°	3533.4	12.2
80°-90°	318.5	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°	29022.2	100.0
0°-180°	29022.2	100.0



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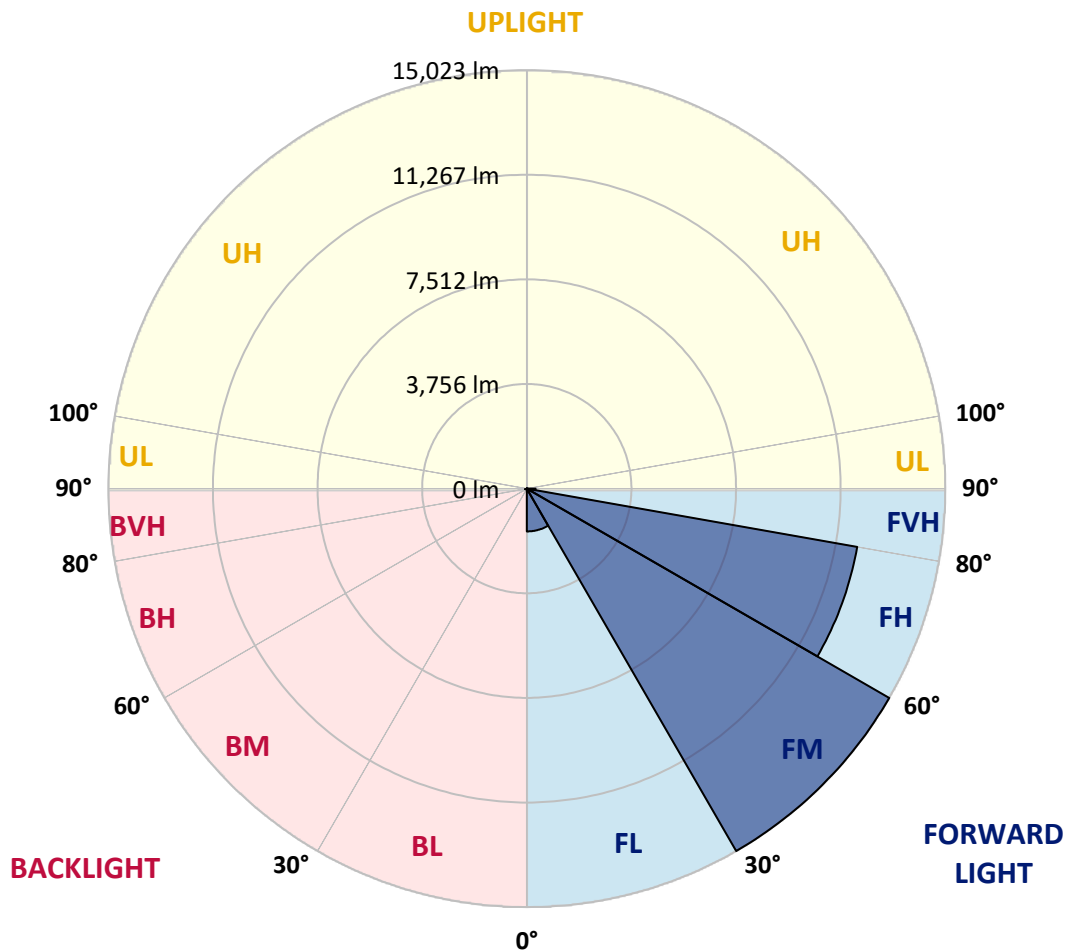
CATALOG NUMBER: GLAN-SA9A-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1536.2	5.3			
FM	(30°-60°)	15023.0	51.8			
FH	(60°-80°)	12042.9	41.5			G5
FVH	(80°-90°)	314.2	1.1			G3/500
BL	(0°-30°)	27.6	0.1	B0/110		
BM	(30°-60°)	25.4	0.1	B0/220		
BH	(60°-80°)	48.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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°	189.8	189.8	189.8	189.8	189.8	189.8	189.8	189.8	189.8	189.8	189.8
2.5°	227.7	235.3	227.7	227.7	227.7	220.1	220.1	212.5	212.5	204.9	197.4
5°	334.0	334.0	311.2	296.0	280.8	273.3	265.7	250.5	235.3	220.1	204.9
7.5°	743.9	743.9	675.6	584.5	463.0	394.7	379.5	311.2	265.7	235.3	204.9
10°	1776.2	1776.2	1624.4	1373.9	1062.7	789.4	705.9	447.8	318.8	250.5	212.5
12.5°	2952.7	2990.7	2800.9	2482.1	2019.1	1540.9	1373.9	819.8	425.1	273.3	212.5
15°	4007.8	3916.7	3863.6	3559.9	3119.7	2550.4	2337.9	1381.5	614.8	311.2	212.5
17.5°	4721.3	4721.3	4645.4	4440.4	4038.1	3537.2	3362.6	2231.6	994.4	356.8	220.1
20°	5556.2	5556.2	5419.6	5275.4	4918.6	4493.6	4326.6	3172.8	1540.9	455.4	220.1
22.5°	6565.8	6581.0	6429.2	6171.1	5829.5	5358.9	5214.7	4045.7	2231.6	607.2	227.7
25°	7795.4	7810.6	7590.5	7347.6	6823.9	6315.3	6095.2	5047.7	3074.2	850.1	227.7
27.5°	9154.1	9260.4	8934.0	8516.5	7962.4	7324.8	7157.8	5951.0	3909.1	1199.3	242.9
30°	10846.8	10846.8	10414.2	9829.7	9230.1	8440.6	8228.1	6899.8	4797.2	1662.3	258.1
32.5°	12304.2	12190.3	11636.2	11021.4	10383.8	9647.5	9419.8	7894.1	5708.1	2239.2	288.4
35°	13420.0	13321.3	12638.2	11977.8	11423.7	10748.2	10474.9	8972.0	6672.1	2892.0	334.0
37.5°	14376.4	14338.5	13412.4	12585.1	12220.7	11628.7	11385.8	9989.1	7620.9	3597.9	387.1
40°	15423.9	15302.5	14315.7	13291.0	12744.5	12266.3	12046.1	10808.9	8531.7	4425.3	463.0
42.5°	16319.6	16175.4	15287.3	14285.3	13351.7	12706.5	12494.0	11499.6	9419.8	5252.6	561.7
45°	17313.9	17238.0	16342.4	15583.3	14338.5	13306.2	13025.3	12053.7	10232.0	6239.4	690.7
47.5°	18809.3	18672.6	17837.7	17215.3	15773.1	14217.0	13814.7	12623.0	11013.8	7211.0	888.1
50°	20547.5	20456.4	19963.0	19469.6	18035.0	15773.1	15294.9	13442.8	11886.7	8364.7	1146.2
52.5°	21966.9	21951.7	22012.5	22020.0	20934.6	18391.8	17678.3	14763.5	12888.7	9503.3	1510.5
55°	21936.6	22004.9	22672.8	23439.5	23523.0	21966.9	21276.2	16987.5	14194.2	10907.6	2019.1
57.5°	21116.8	21063.6	21769.6	22923.3	23735.5	23902.5	23788.6	20441.2	16160.2	12600.2	2800.9
58°	20851.1	20805.6	21473.5	22650.1	23583.7	24031.5	23917.7	21223.0	16600.4	12843.1	3013.4
60°	19887.1	19894.7	20289.4	21359.7	22293.3	23356.0	23462.2	23454.7	18794.1	14467.5	4083.7
62.5°	18611.9	18551.2	18915.5	19788.4	20608.2	21321.7	21503.9	23606.5	22004.9	16532.1	6125.5
65°	16850.9	16759.8	17146.9	18133.7	19014.2	19477.2	19484.8	21572.2	23515.4	18748.5	9040.3
67.5°	13579.4	13503.5	14277.7	15545.3	16904.0	17511.3	17784.5	18718.2	22240.2	20251.5	10710.2
70°	8319.2	8478.6	9556.4	11545.2	13867.8	14983.7	15393.5	15682.0	18938.3	20023.7	8956.8
72.5°	3840.8	3651.0	4569.5	5958.5	8607.6	11089.7	11514.8	12645.8	15014.0	17382.3	6679.6
75°	1791.4	1723.0	1935.6	2603.5	3901.5	5988.9	6763.1	10095.4	11514.8	12091.7	4820.0
77.5°	918.5	926.0	1100.6	1184.1	1609.2	2770.5	3180.4	6641.7	8440.6	6748.0	3233.6
80°	402.3	417.5	425.1	463.0	652.8	1070.3	1206.9	3081.7	5768.8	3438.5	1768.6
82.5°	258.1	265.7	265.7	265.7	311.2	425.1	485.8	1237.3	2876.8	1707.9	546.5
85°	136.6	136.6	151.8	189.8	220.1	258.1	273.3	394.7	948.8	508.6	129.0
87.5°	75.9	83.5	91.1	113.9	144.2	174.6	189.8	273.3	364.3	349.2	30.4
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-SA9A-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	189.8	189.8	189.8	189.8	189.8	189.8	189.8	189.8	189.8	189.8	189.8
2.5°	197.4	189.8	182.2	174.6	167.0	159.4	159.4	159.4	159.4	159.4	159.4
5°	189.8	182.2	174.6	159.4	144.2	136.6	129.0	121.4	121.4	121.4	121.4
7.5°	189.8	182.2	159.4	144.2	129.0	113.9	98.7	98.7	98.7	98.7	98.7
10°	189.8	174.6	151.8	129.0	106.3	91.1	83.5	75.9	75.9	75.9	75.9
12.5°	189.8	167.0	144.2	113.9	91.1	75.9	68.3	60.7	60.7	60.7	60.7
15°	189.8	167.0	136.6	106.3	83.5	60.7	53.1	45.5	45.5	45.5	45.5
17.5°	182.2	159.4	129.0	91.1	68.3	45.5	38.0	30.4	30.4	38.0	38.0
20°	174.6	151.8	113.9	75.9	53.1	38.0	22.8	22.8	22.8	22.8	22.8
22.5°	174.6	151.8	106.3	68.3	45.5	22.8	15.2	15.2	15.2	15.2	22.8
25°	174.6	144.2	91.1	53.1	30.4	15.2	7.6	7.6	7.6	7.6	7.6
27.5°	174.6	144.2	83.5	45.5	22.8	15.2	7.6	0.0	0.0	0.0	0.0
30°	167.0	136.6	75.9	38.0	15.2	7.6	0.0	0.0	0.0	0.0	0.0
32.5°	167.0	129.0	60.7	30.4	15.2	7.6	0.0	0.0	0.0	0.0	0.0
35°	174.6	121.4	53.1	22.8	7.6	0.0	0.0	0.0	0.0	0.0	7.6
37.5°	182.2	113.9	45.5	15.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	189.8	106.3	45.5	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	204.9	106.3	38.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	220.1	106.3	30.4	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	250.5	113.9	30.4	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	273.3	121.4	22.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	303.6	113.9	22.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	341.6	113.9	22.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	371.9	106.3	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	387.1	98.7	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	463.0	91.1	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	721.1	75.9	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1465.0	68.3	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2732.6	60.7	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3059.0	68.3	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1928.0	53.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1017.1	53.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	508.6	53.1	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	235.3	38.0	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	98.7	22.8	15.2	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	45.5	22.8	15.2	15.2	7.6	7.6	0.0	0.0	0.0	0.0	0.0
87.5°	22.8	22.8	22.8	15.2	15.2	7.6	7.6	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

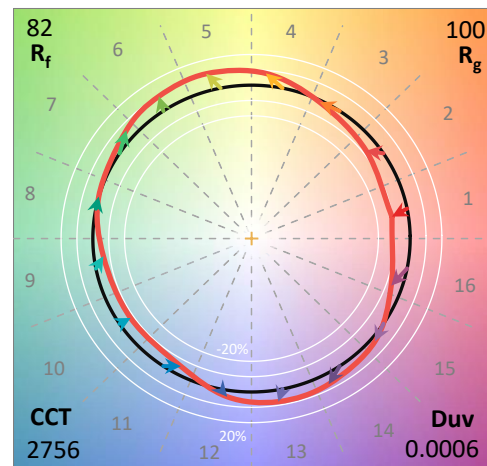
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

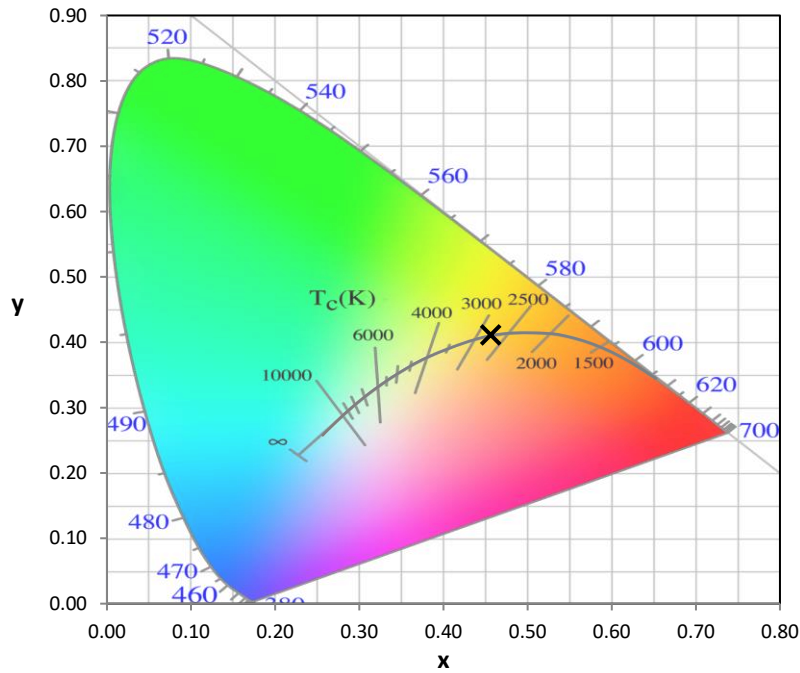
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

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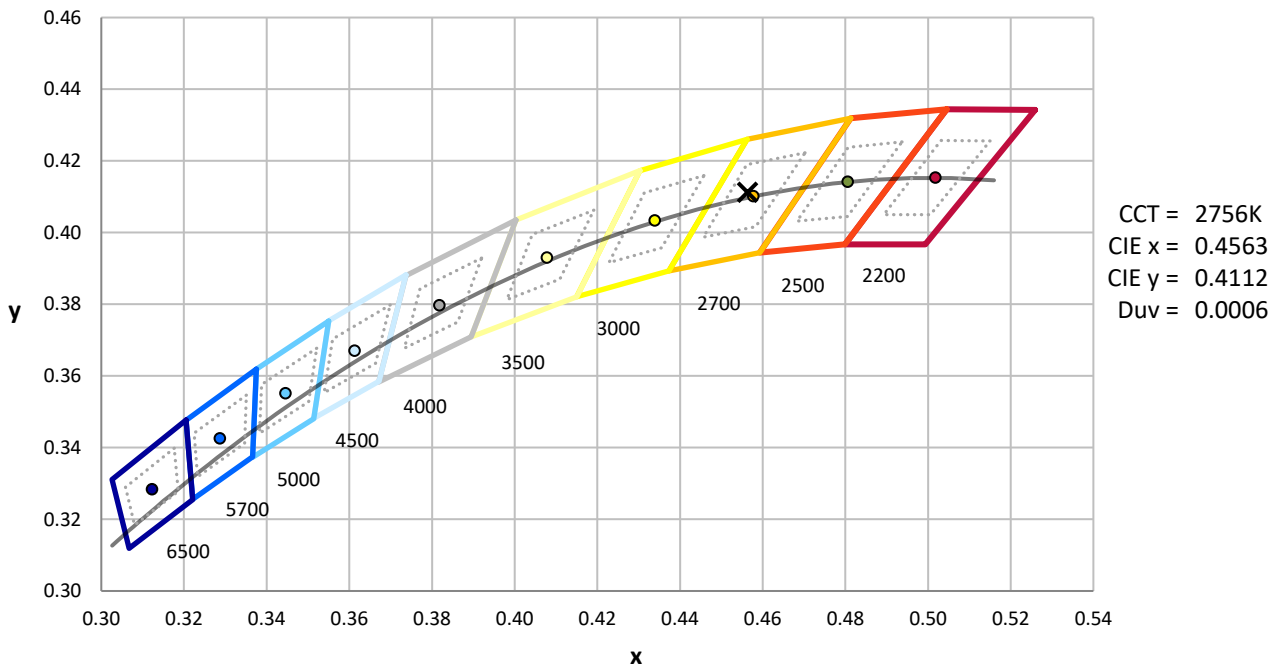
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



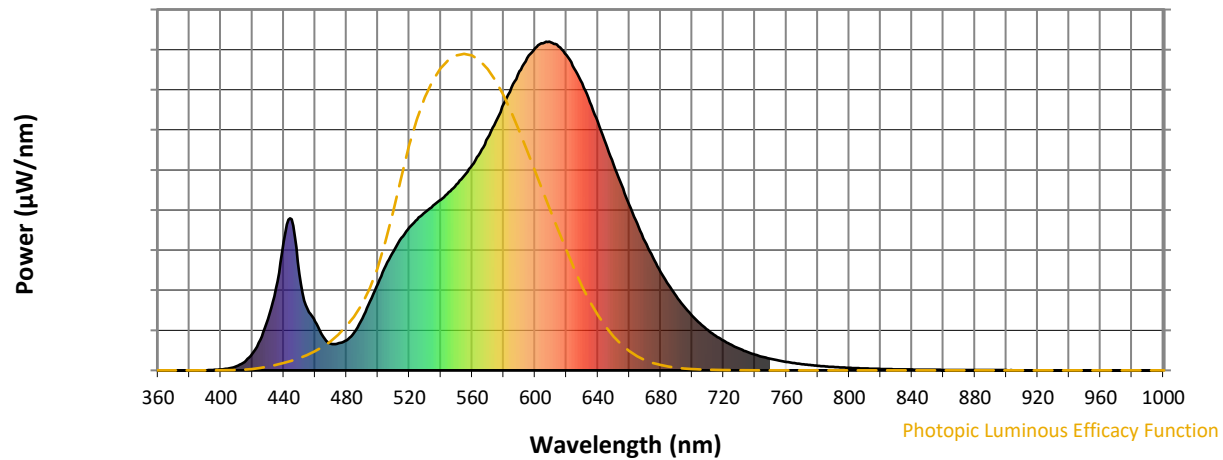
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

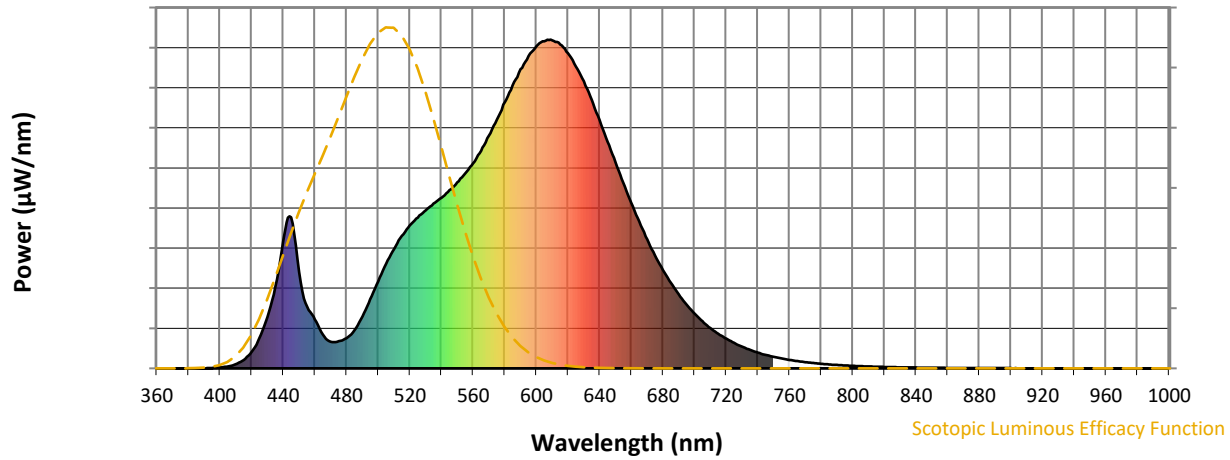


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

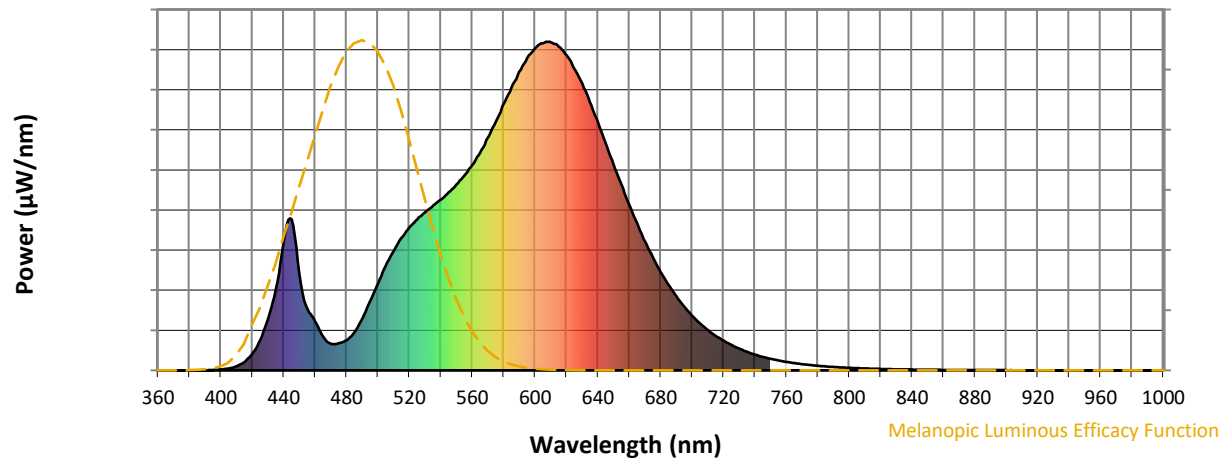


Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.16

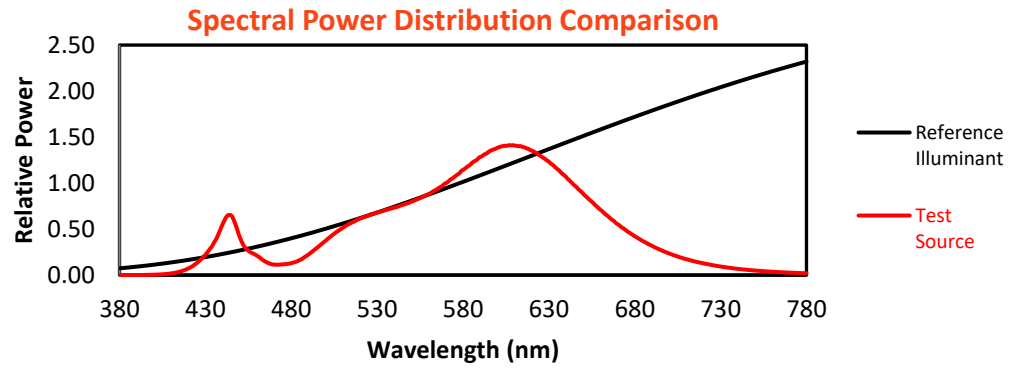
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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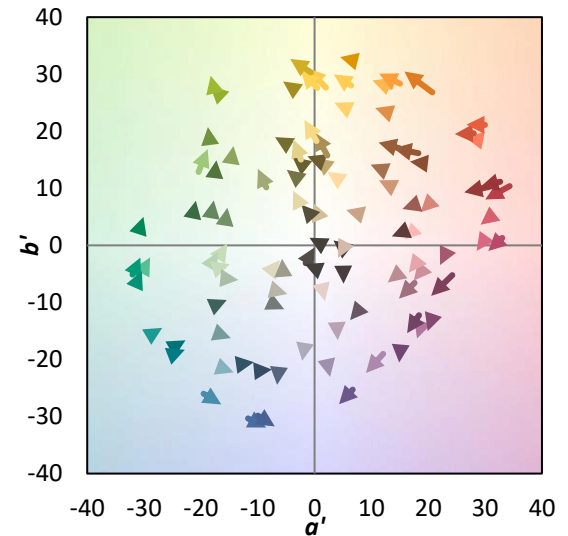
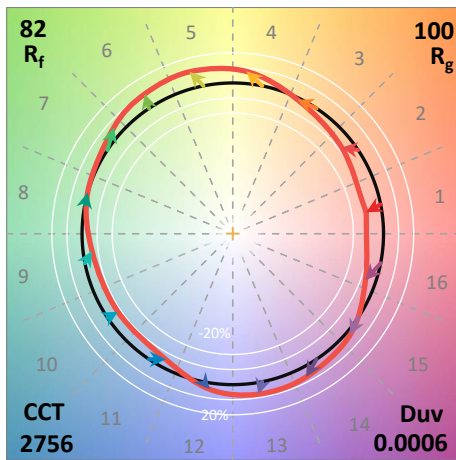
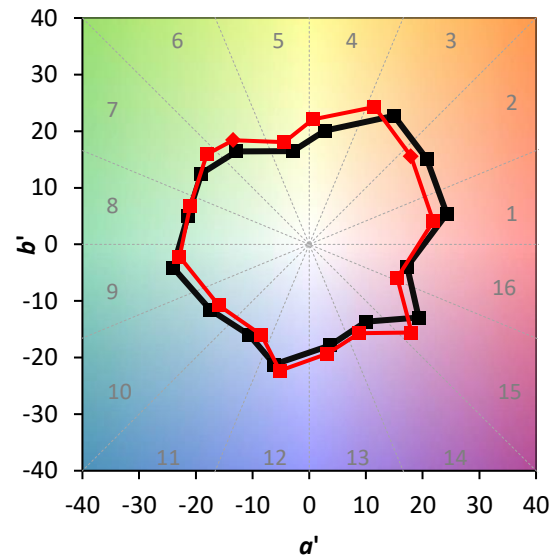
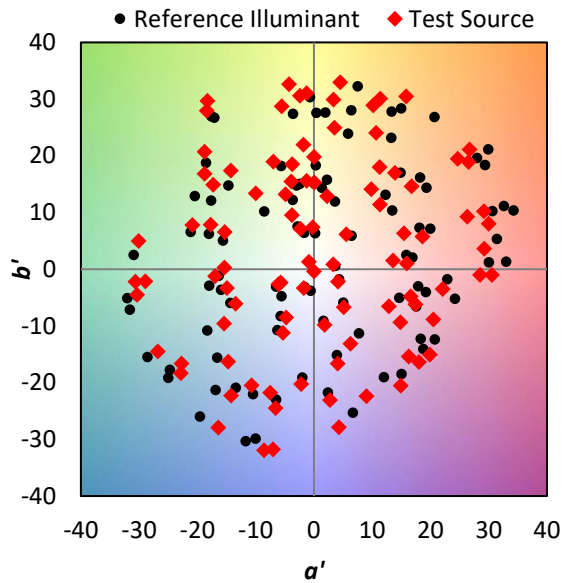
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

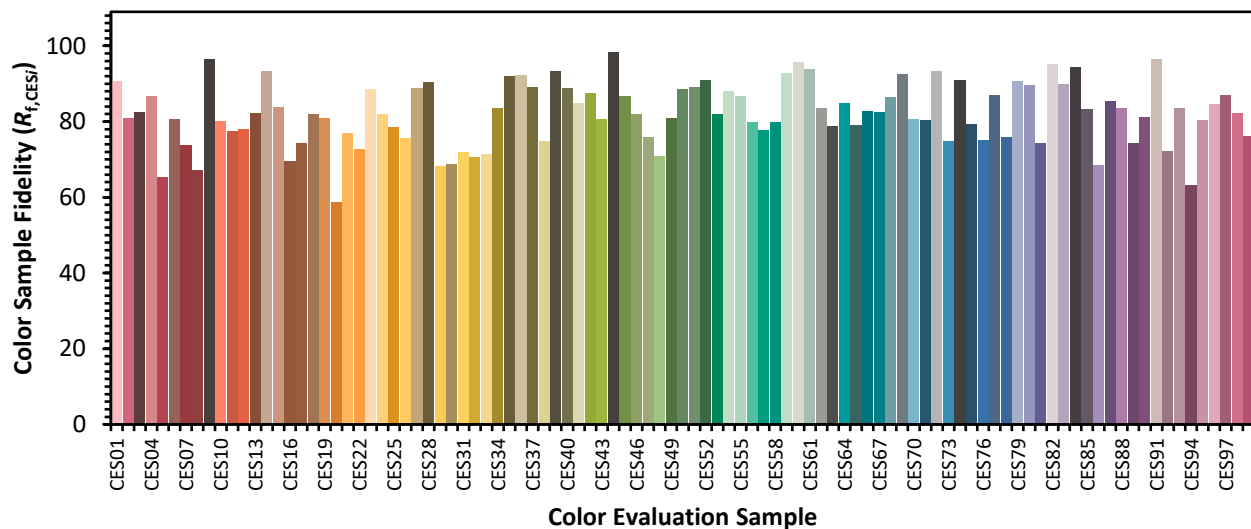


Color Vector Graphics

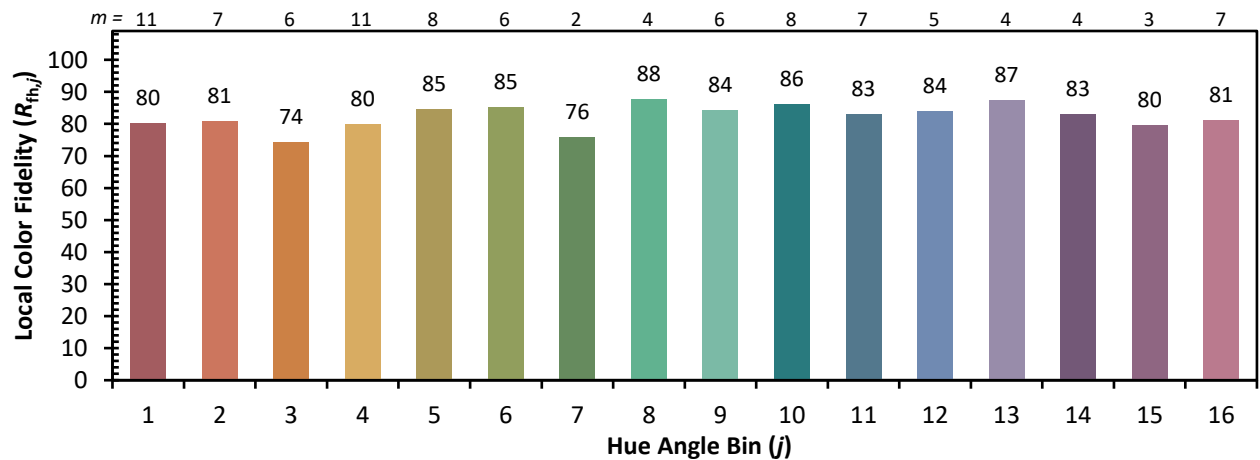
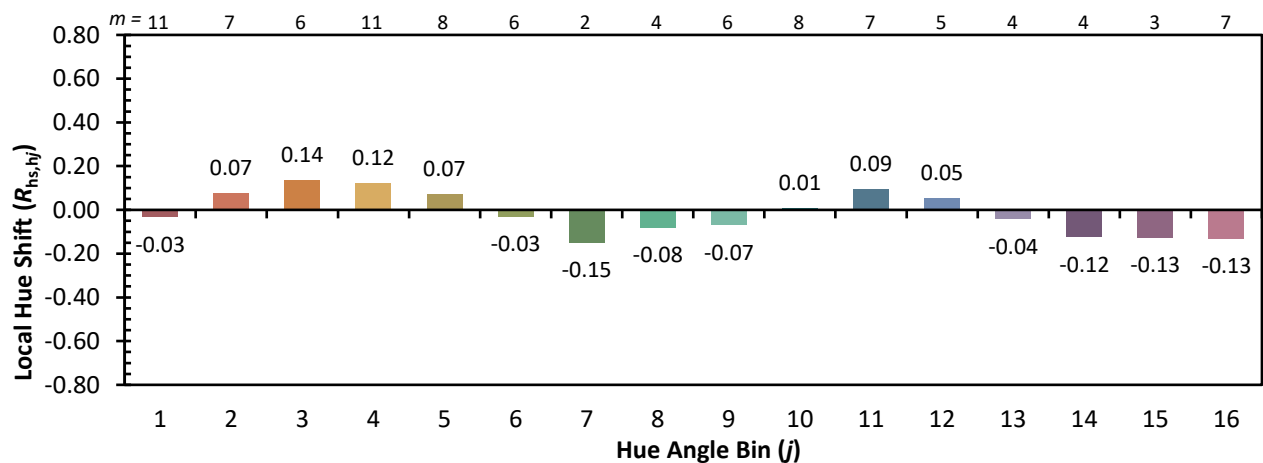
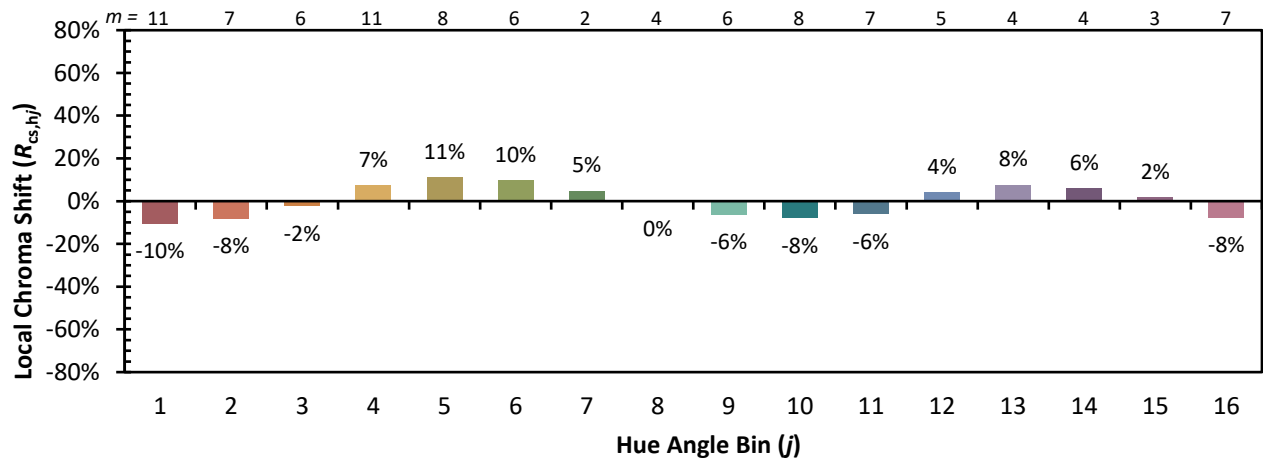


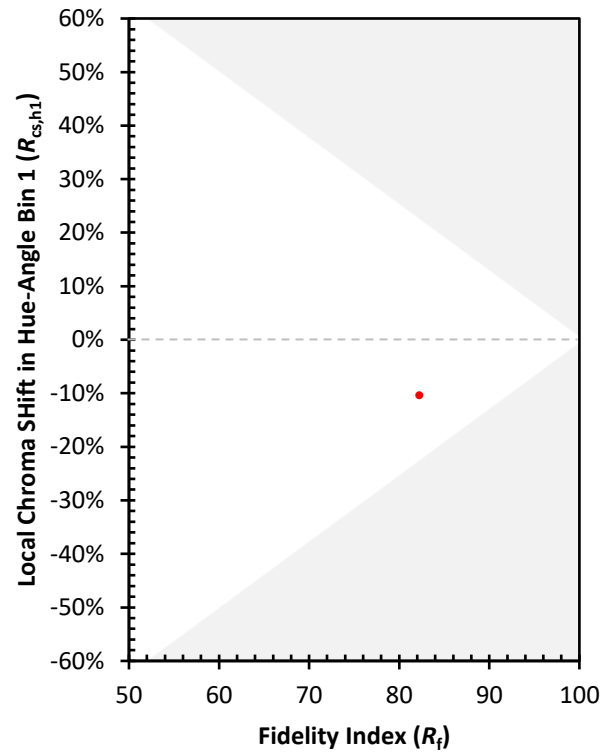
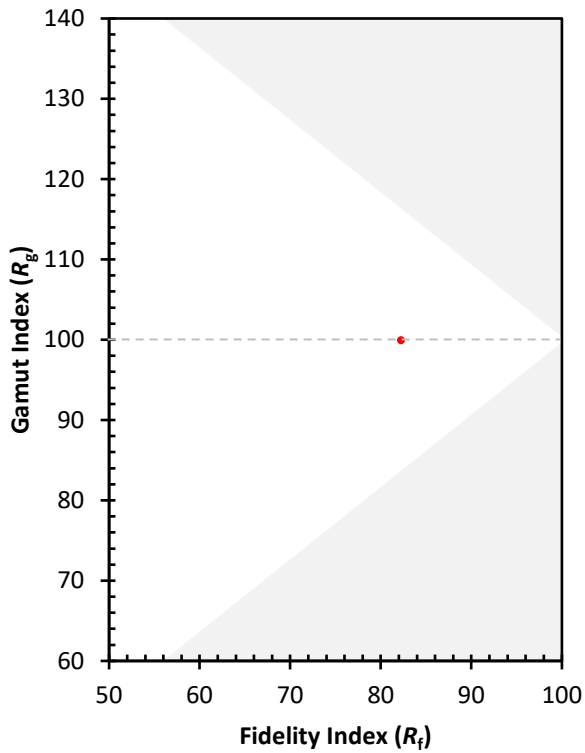
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)