

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: P1064231

Luminaire Tested: **GLAN-SA9C-835-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064231
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9C-835-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 44932.6 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 417.1
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

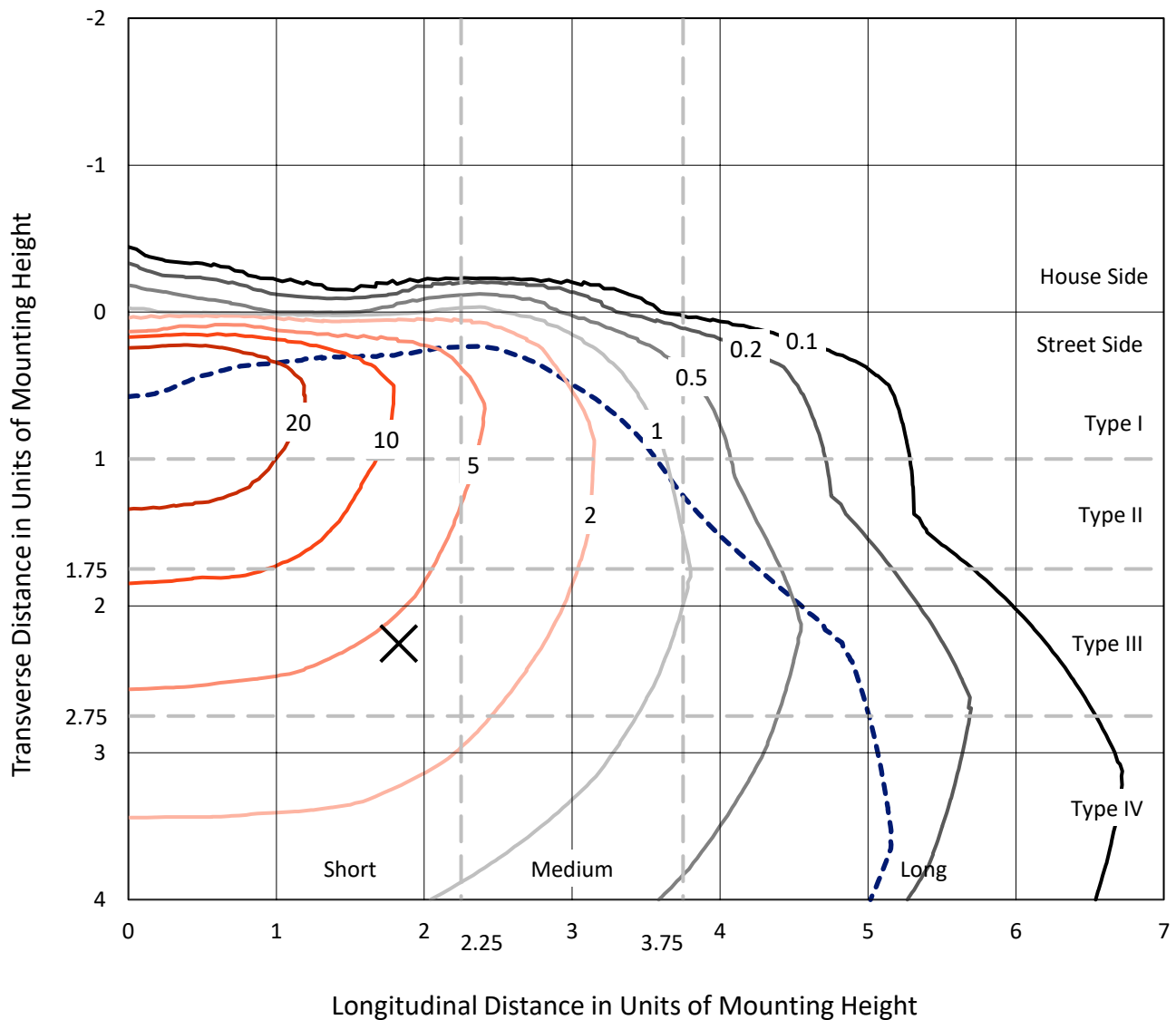


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

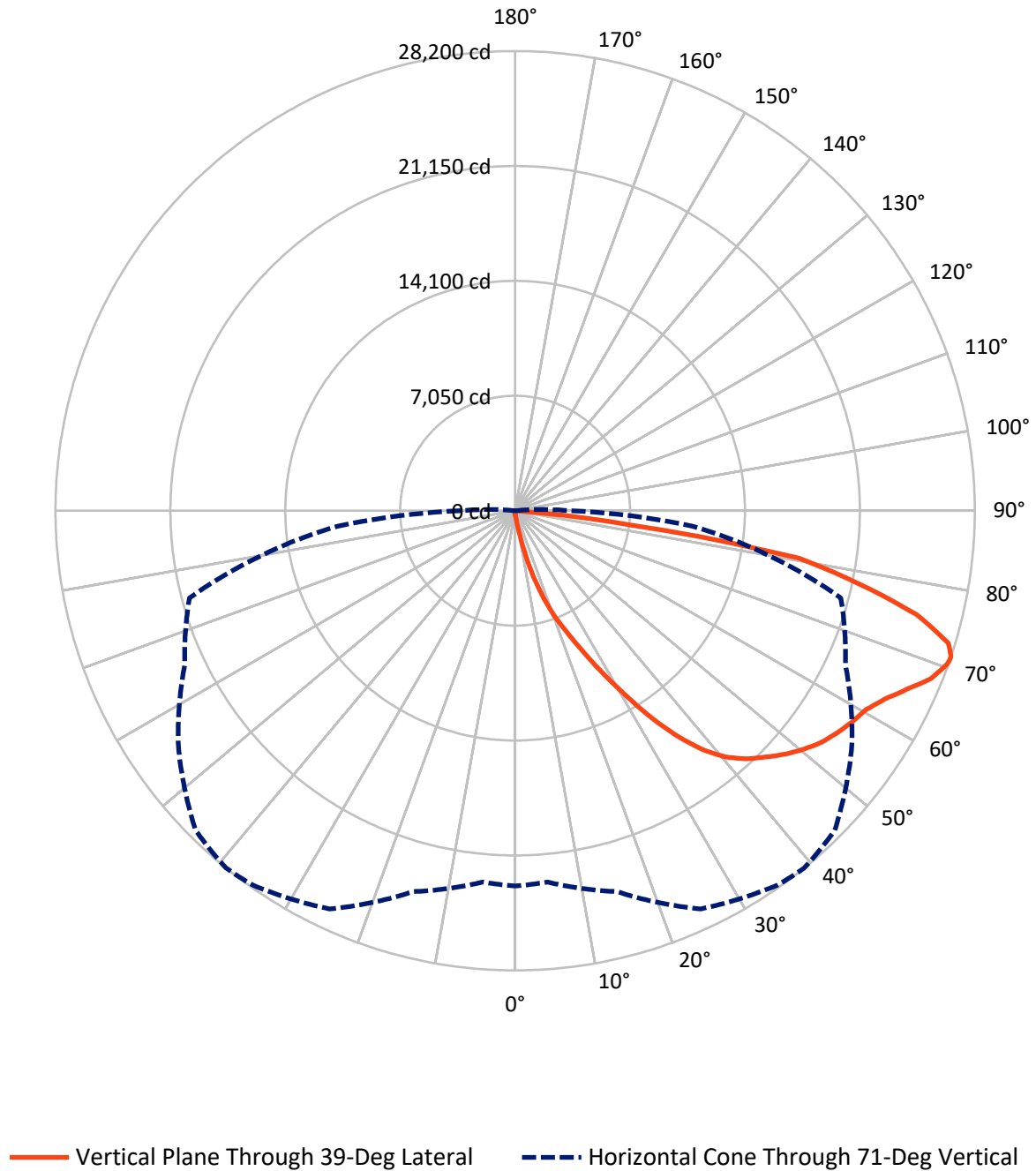


Based on 15 foot mounting height. Maximum calculated value = 46.2 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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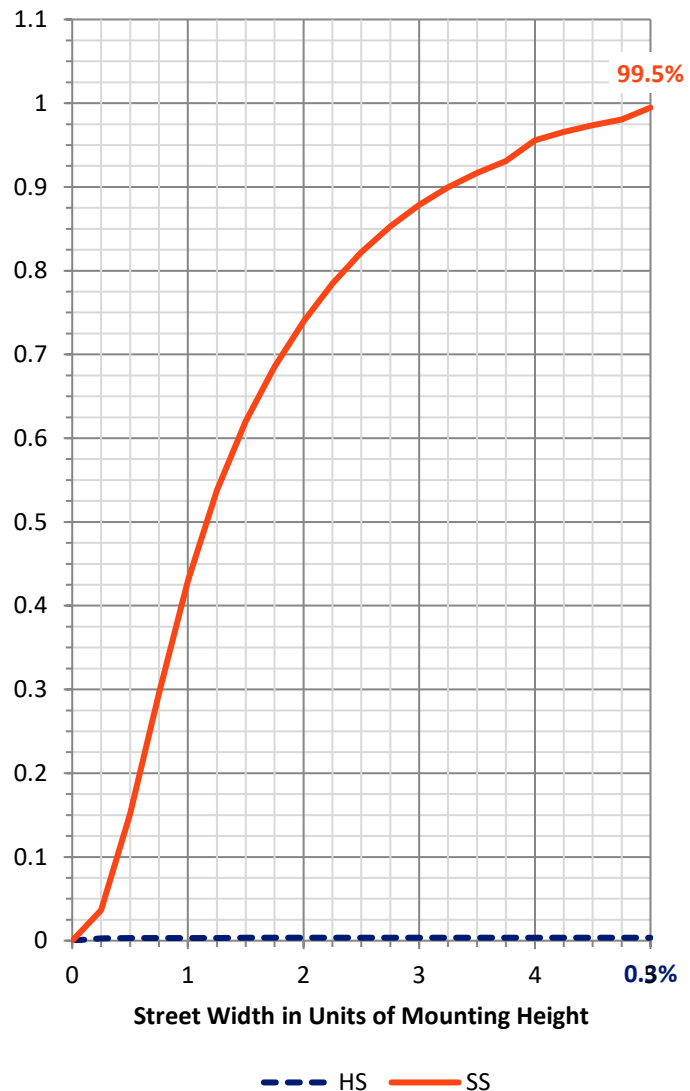
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	159.7	0.0	159.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	44772.9	0.0	44772.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	44932.6	0.0	44932.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.5	0.1
10°-20°	480.2	1.1
20°-30°	1710.3	3.8
30°-40°	4121.9	9.2
40°-50°	6898.2	15.4
50°-60°	8860.0	19.7
60°-70°	11212.4	25.0
70°-80°	9996.3	22.2
80°-90°	1615.9	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°	44932.6	100.0
0°-180°	44932.6	100.0



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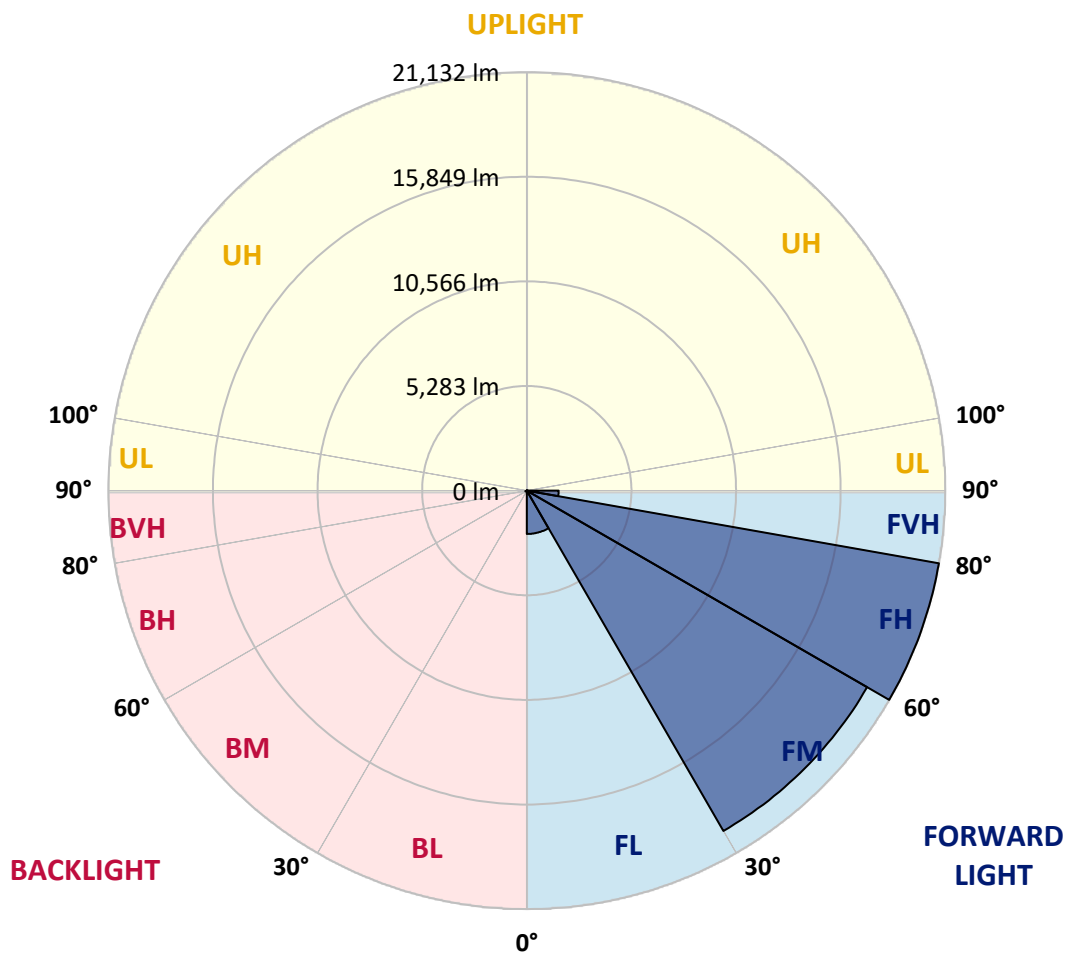
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2189.4	4.9			
FM	(30°-60°)	19843.1	44.2			
FH	(60°-80°)	21131.8	47.0			G5
FVH	(80°-90°)	1608.5	3.6			G5
BL	(0°-30°)	38.6	0.1	B0/110		
BM	(30°-60°)	37.0	0.1	B0/220		
BH	(60°-80°)	76.8	0.2	B0/110		G0/110
BVH	(80°-90°)	7.3	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4
2.5°	282.9	282.9	282.9	273.8	273.8	270.7	267.7	267.7	261.6	258.5	252.5
5°	428.9	419.8	398.5	386.3	362.0	346.8	331.5	310.3	289.0	273.8	255.5
7.5°	970.3	991.6	921.6	790.8	657.0	599.2	501.9	404.5	334.6	289.0	258.5
10°	2472.9	2460.7	2223.5	1961.9	1514.8	1335.3	1046.3	660.0	431.9	316.3	261.6
12.5°	4206.7	4194.5	3914.7	3558.8	2968.7	2594.6	2047.1	1231.9	620.5	358.9	261.6
15°	5663.6	5615.0	5526.8	5173.9	4483.5	4170.2	3446.2	2177.9	1003.8	431.9	267.7
17.5°	6627.9	6585.3	6503.1	6375.4	5937.4	5566.3	4985.3	3421.9	1624.3	559.7	279.8
20°	7513.0	7482.6	7415.7	7391.3	7108.4	6910.7	6430.1	4851.5	2530.7	760.4	298.1
22.5°	8729.7	8665.8	8693.2	8547.2	8270.4	8033.1	7738.1	6348.0	3637.9	1095.0	331.5
25°	10220.1	10189.7	10113.6	10010.2	9627.0	9420.1	8966.9	7759.4	4875.8	1533.0	368.0
27.5°	12020.8	11987.3	11969.1	11731.8	11290.8	11065.7	10433.0	9091.6	6268.9	2147.4	416.7
30°	14095.2	14110.4	13991.8	13687.6	13173.6	12857.2	12206.3	10487.8	7695.5	2868.3	468.4
32.5°	16242.6	16212.2	16029.7	15670.8	15211.5	14916.5	14089.1	12017.7	9192.0	3820.4	529.3
35°	18557.4	18499.6	18019.0	17608.4	17216.0	16844.9	16090.6	13794.1	10688.5	4888.0	611.4
37.5°	20893.4	20622.7	19658.5	19138.3	18867.6	18563.5	17860.8	15689.1	12175.9	6080.3	711.8
40°	22657.6	22447.7	21304.0	20345.9	20129.9	19871.4	19348.2	17325.5	13757.6	7360.9	833.4
42.5°	23634.0	23518.4	22490.3	21544.3	21036.4	20808.2	20361.1	18755.1	15321.0	8775.3	1009.8
45°	24050.7	23871.2	23183.8	22742.7	21933.7	21556.5	21024.2	19834.9	16954.4	10381.3	1256.2
47.5°	23922.9	23819.5	23326.8	23488.0	22900.9	22313.9	21532.2	20662.2	18350.5	12224.6	1593.8
50°	23119.9	23031.7	22879.6	23752.6	23679.6	22986.1	22189.2	21316.2	19491.2	14125.6	2117.0
52.5°	21593.0	21556.5	21945.8	23545.8	24120.6	23579.2	22821.8	21894.1	20555.8	16111.9	2865.3
55°	19625.0	19774.1	20887.3	23223.3	24345.7	24017.2	23381.5	22435.5	21410.5	17888.2	3969.4
57.5°	18815.9	18855.5	20245.5	22995.2	24446.1	24403.5	23926.0	22952.6	22195.2	19308.7	5654.5
60°	19761.9	19701.1	20434.1	23168.6	24646.8	24750.3	24409.6	23433.2	22876.6	20528.4	7899.3
62.5°	21471.3	21437.9	21672.1	23907.7	25233.9	25443.8	25081.8	23780.0	23478.8	21331.4	10460.4
65°	22998.3	22928.3	23363.3	25218.7	26265.0	26414.1	26097.7	24373.1	23743.5	21915.4	12866.4
67.5°	23658.3	23643.1	24342.7	26465.8	27347.9	27509.1	27232.3	25191.3	23682.6	22101.0	13927.9
70°	23357.2	23299.4	24418.7	26995.0	27959.3	28141.8	27874.1	25495.5	23022.6	21513.9	12355.4
71°	23025.6	22870.5	24190.6	26958.5	28044.4	28199.5	27731.1	25218.7	22359.5	20680.5	10928.8
72.5°	21997.5	22024.9	23564.0	26578.3	27840.6	27795.0	26922.0	24227.1	21559.5	18788.5	8778.3
75°	19466.8	19628.1	21535.2	24981.4	26021.7	25440.7	24105.4	22332.1	19953.5	13471.7	6095.6
77.5°	15908.1	16148.4	18244.1	21909.3	21614.3	21556.5	21501.7	19676.7	17039.6	7236.2	4240.1
80°	7595.1	8115.2	11004.9	15640.4	16990.9	17644.9	17234.2	15856.4	13176.6	3446.2	2533.7
82.5°	495.8	489.7	693.5	1314.0	5538.9	7160.1	11375.9	11333.4	9185.9	1679.0	1034.2
85°	234.2	240.3	264.6	301.1	349.8	383.3	529.3	3102.5	4395.2	800.0	225.1
87.5°	136.9	139.9	164.3	209.9	273.8	304.2	362.0	465.4	571.8	441.0	48.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064231

CATALOG NUMBER: GLAN-SA9C-835-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4	246.4
2.5°	249.4	246.4	237.3	228.1	219.0	212.9	209.9	212.9	212.9	216.0	216.0
5°	249.4	240.3	225.1	206.8	194.7	182.5	176.4	173.4	176.4	176.4	176.4
7.5°	246.4	231.2	209.9	188.6	173.4	158.2	152.1	149.0	149.0	152.1	152.1
10°	240.3	225.1	197.7	173.4	155.1	136.9	127.8	118.6	118.6	118.6	121.7
12.5°	237.3	216.0	182.5	158.2	133.8	112.5	94.3	85.2	88.2	88.2	88.2
15°	231.2	206.8	173.4	143.0	112.5	85.2	70.0	60.8	63.9	66.9	63.9
17.5°	231.2	203.8	161.2	124.7	88.2	63.9	51.7	45.6	45.6	48.7	48.7
20°	231.2	197.7	152.1	106.5	66.9	48.7	36.5	33.5	33.5	39.5	42.6
22.5°	237.3	197.7	139.9	88.2	54.8	36.5	27.4	24.3	27.4	33.5	36.5
25°	246.4	194.7	127.8	79.1	45.6	27.4	21.3	15.2	18.3	24.3	27.4
27.5°	255.5	191.6	115.6	70.0	36.5	21.3	15.2	12.2	9.1	12.2	12.2
30°	264.6	191.6	103.4	57.8	30.4	15.2	9.1	6.1	3.0	0.0	0.0
32.5°	270.7	185.5	94.3	45.6	24.3	12.2	6.1	3.0	0.0	0.0	0.0
35°	276.8	179.5	82.1	36.5	18.3	9.1	3.0	0.0	0.0	0.0	0.0
37.5°	282.9	170.3	70.0	30.4	15.2	6.1	0.0	0.0	0.0	0.0	0.0
40°	289.0	158.2	57.8	27.4	9.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	295.0	149.0	48.7	21.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	310.3	143.0	39.5	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	337.6	136.9	36.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	377.2	130.8	33.5	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	431.9	127.8	30.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	529.3	124.7	27.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	696.5	121.7	27.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	1067.6	115.6	27.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1907.1	112.5	24.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	3324.6	115.6	24.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4766.3	121.7	21.3	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4078.9	106.5	21.3	12.2	6.1	3.0	0.0	0.0	0.0	0.0	0.0
71°	3324.6	94.3	21.3	12.2	6.1	3.0	3.0	0.0	0.0	0.0	0.0
72.5°	2138.3	73.0	18.3	12.2	6.1	6.1	3.0	0.0	0.0	0.0	0.0
75°	903.4	60.8	18.3	12.2	9.1	6.1	3.0	0.0	0.0	0.0	0.0
77.5°	386.3	45.6	18.3	15.2	12.2	9.1	6.1	3.0	0.0	0.0	0.0
80°	146.0	36.5	21.3	18.3	15.2	12.2	6.1	3.0	0.0	0.0	0.0
82.5°	66.9	30.4	21.3	18.3	18.3	15.2	12.2	9.1	6.1	0.0	0.0
85°	42.6	27.4	21.3	18.3	18.3	15.2	15.2	9.1	6.1	0.0	0.0
87.5°	33.5	27.4	21.3	21.3	18.3	18.3	12.2	9.1	3.0	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

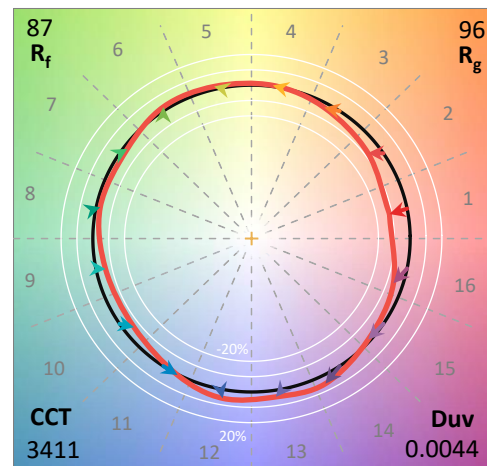
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

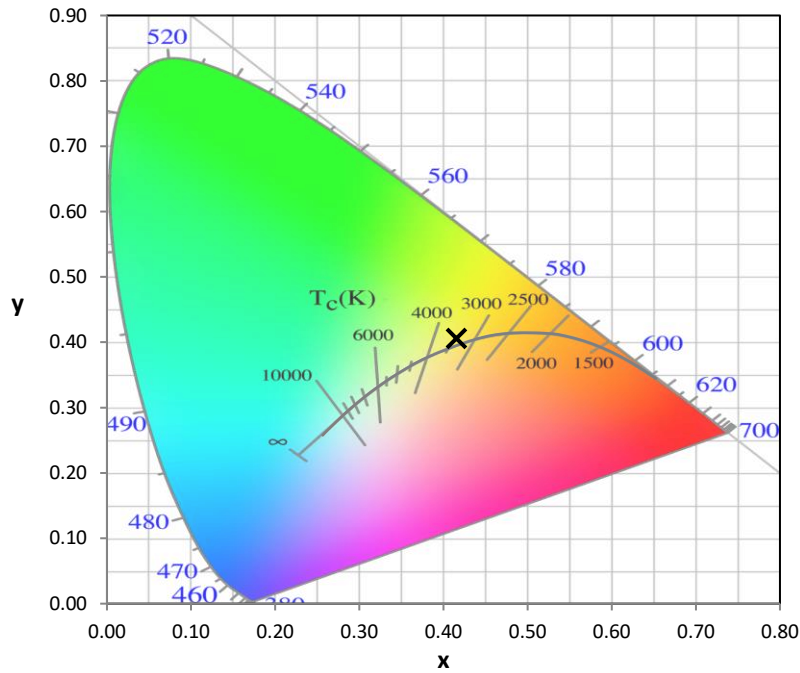
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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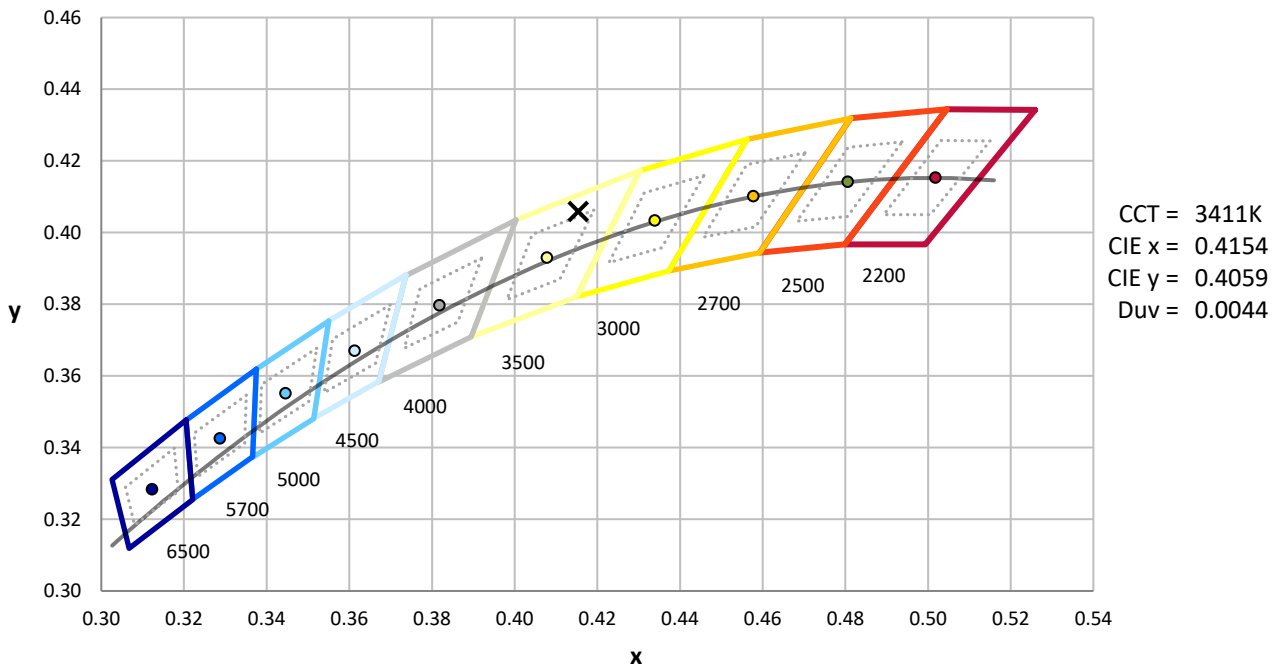
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



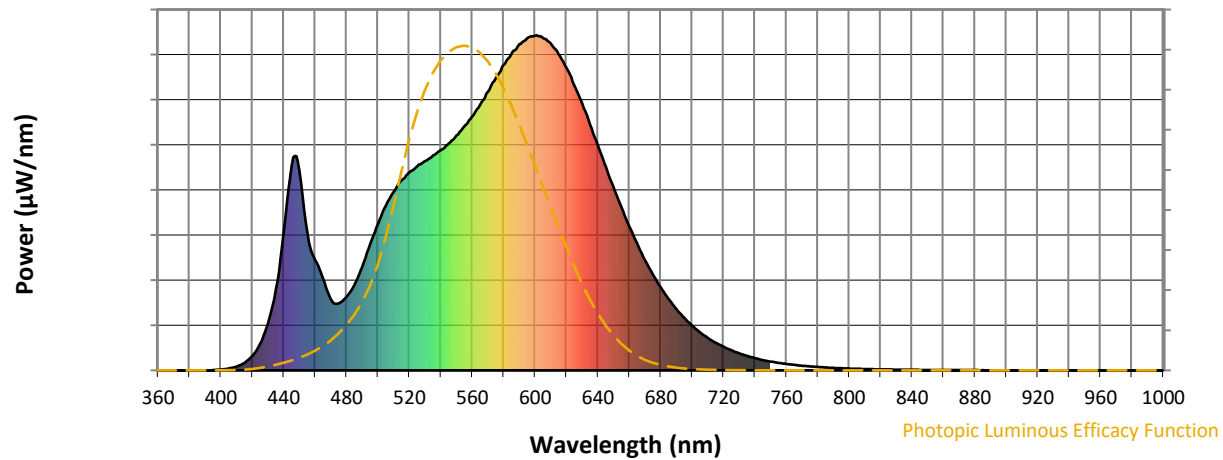
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

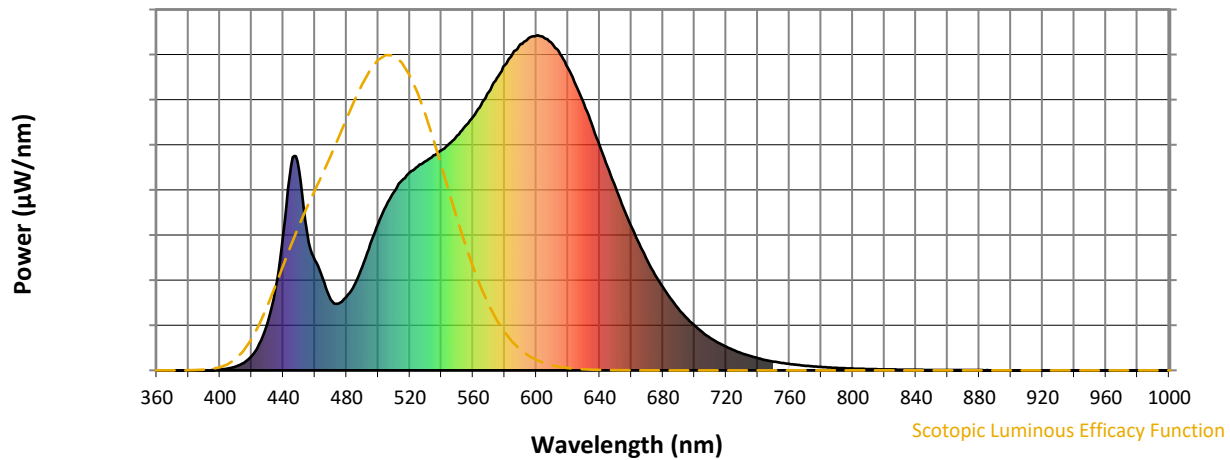


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



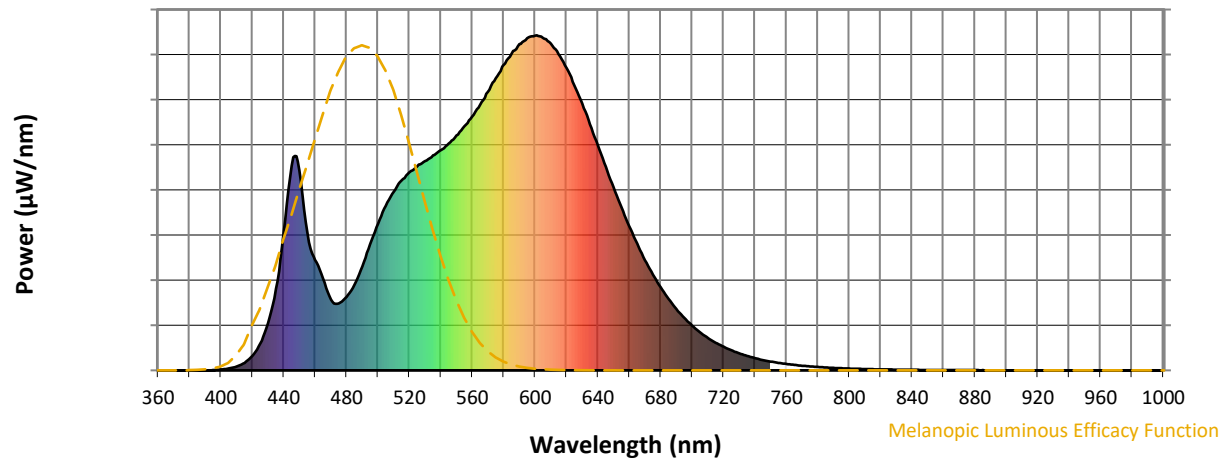
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

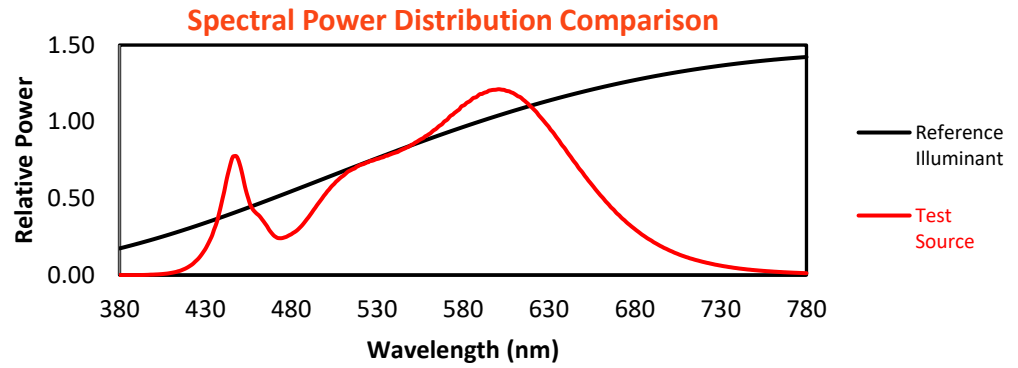
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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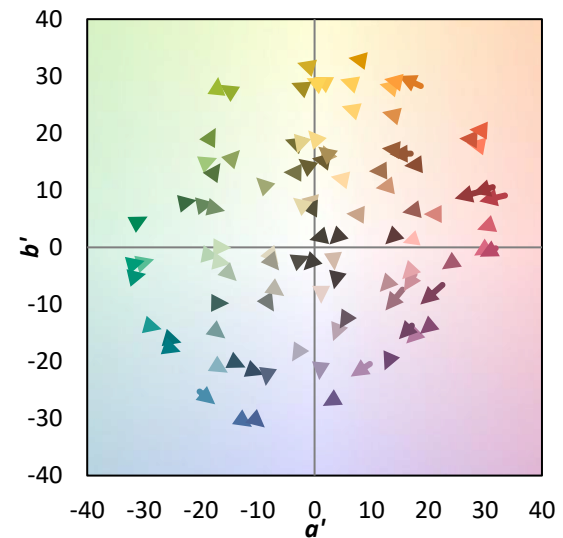
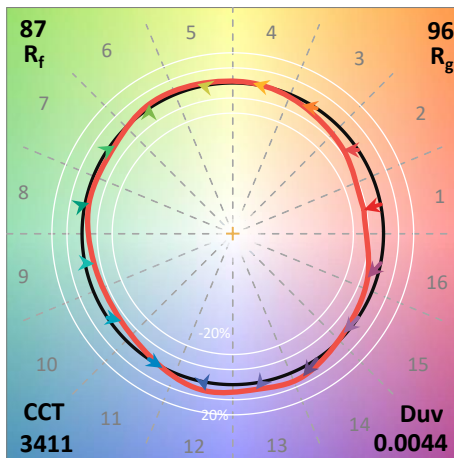
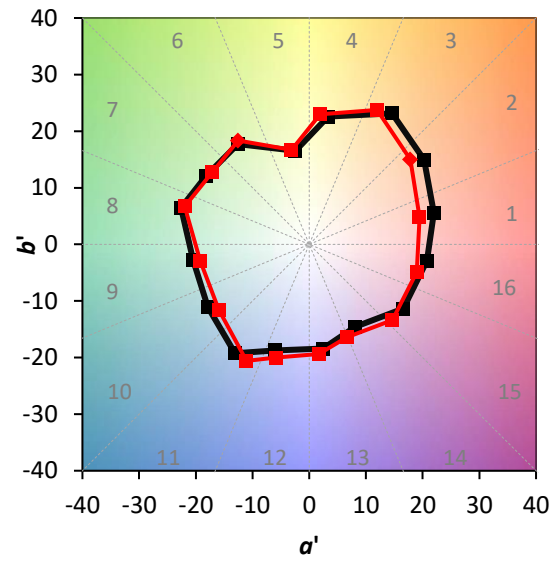
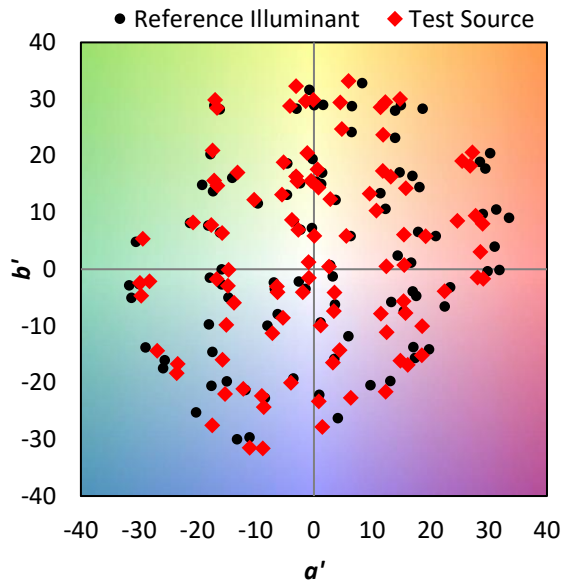
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

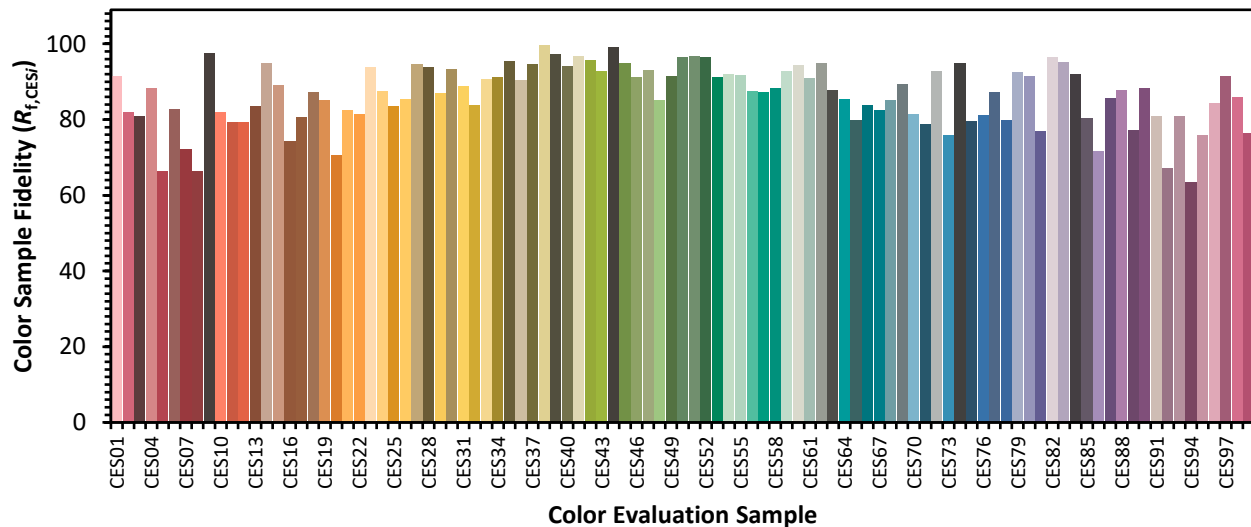


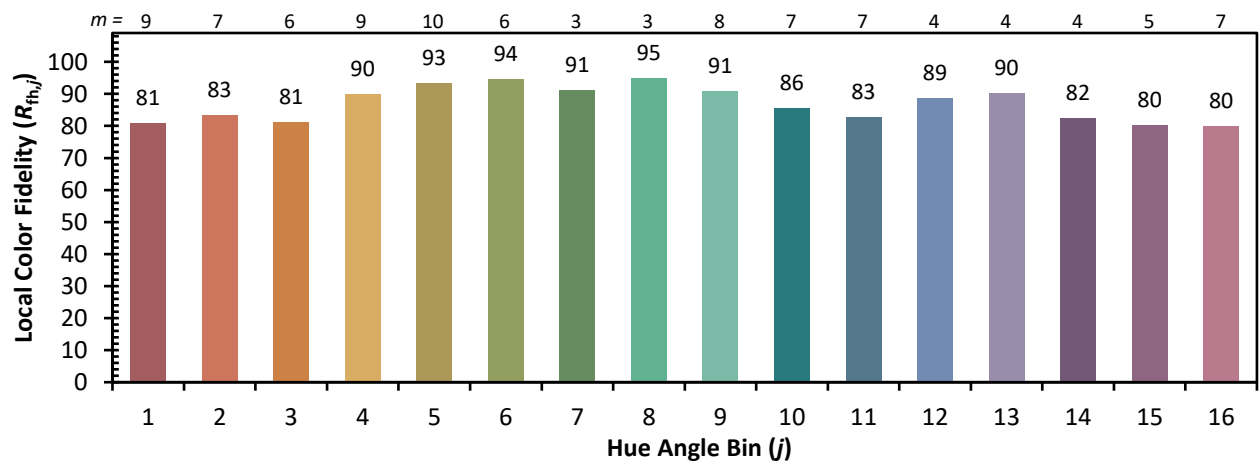
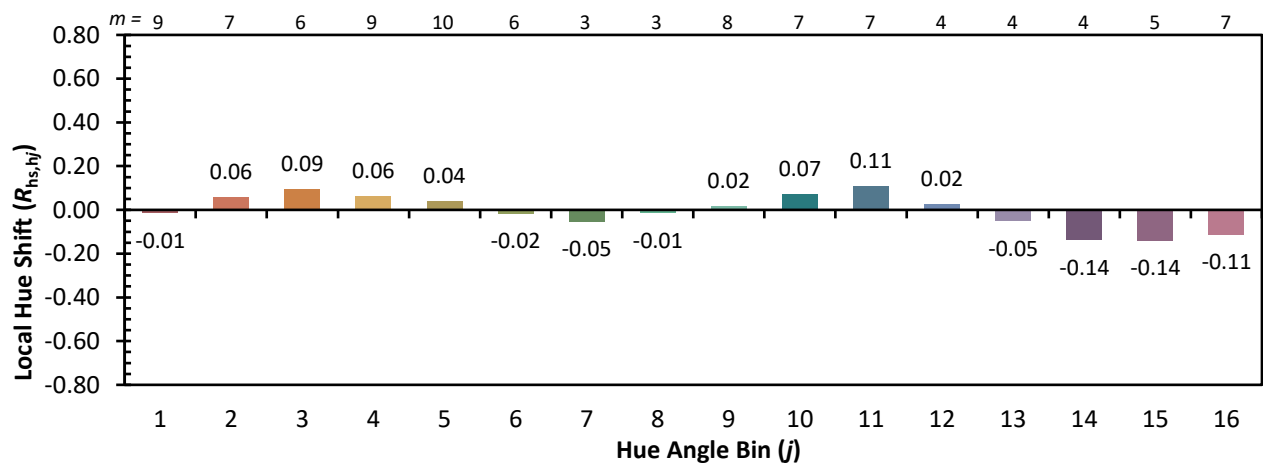
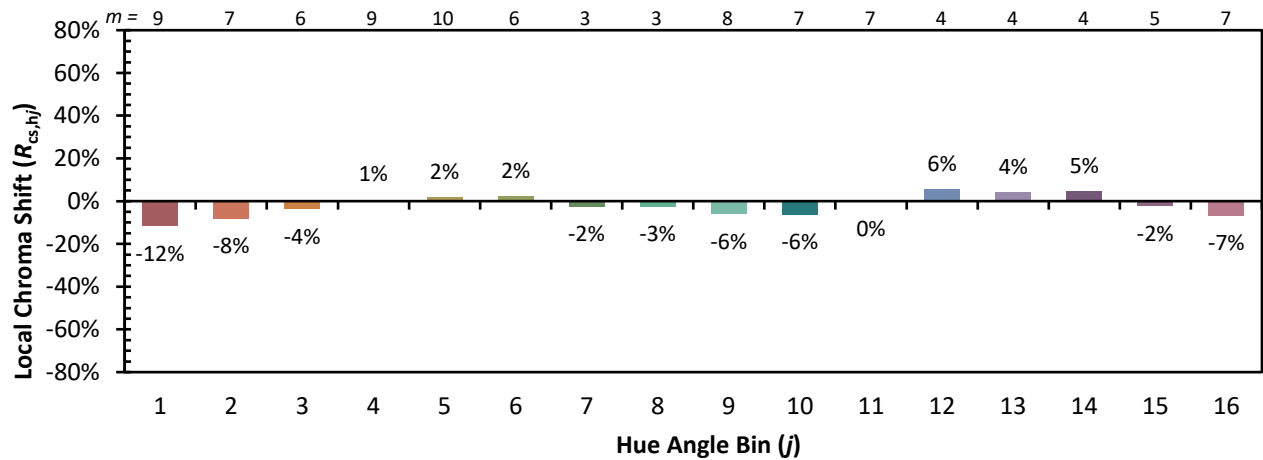
Color Vector Graphics



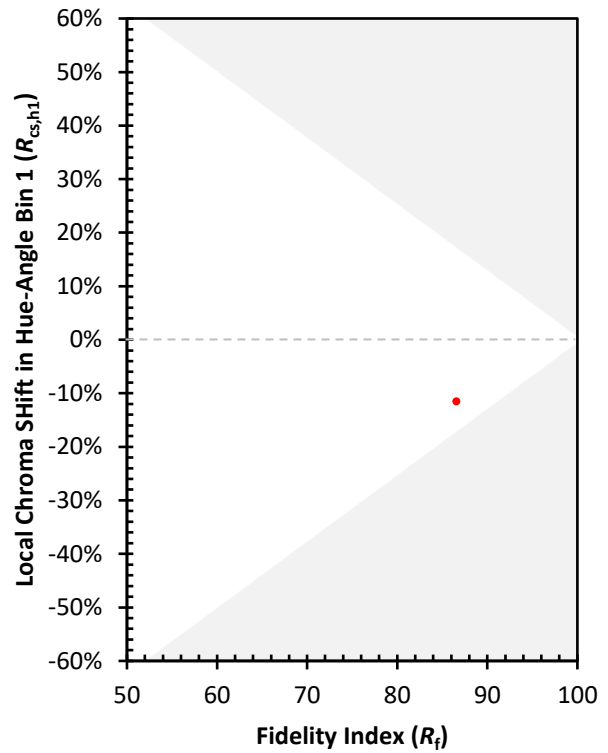
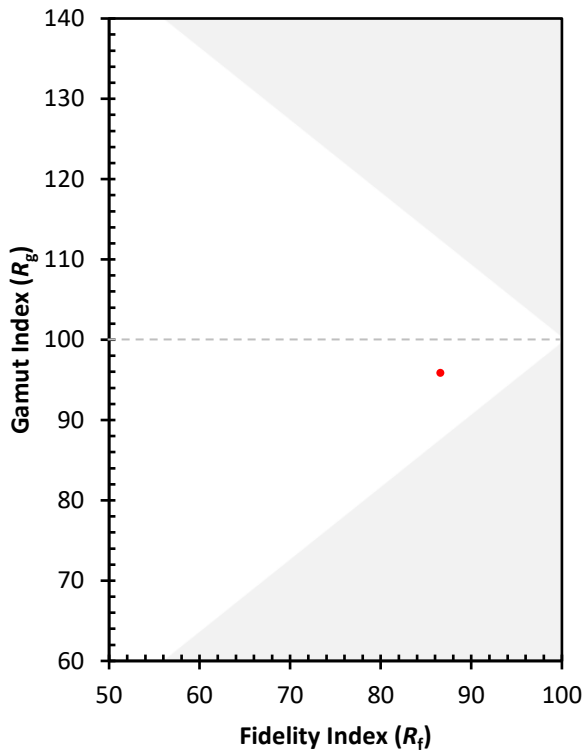
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)