

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: P1062765

Luminaire Tested: **GLAN-SA3A-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062765
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-730-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11174.9 lumens
Efficiency: N/A
Efficacy: 137.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
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

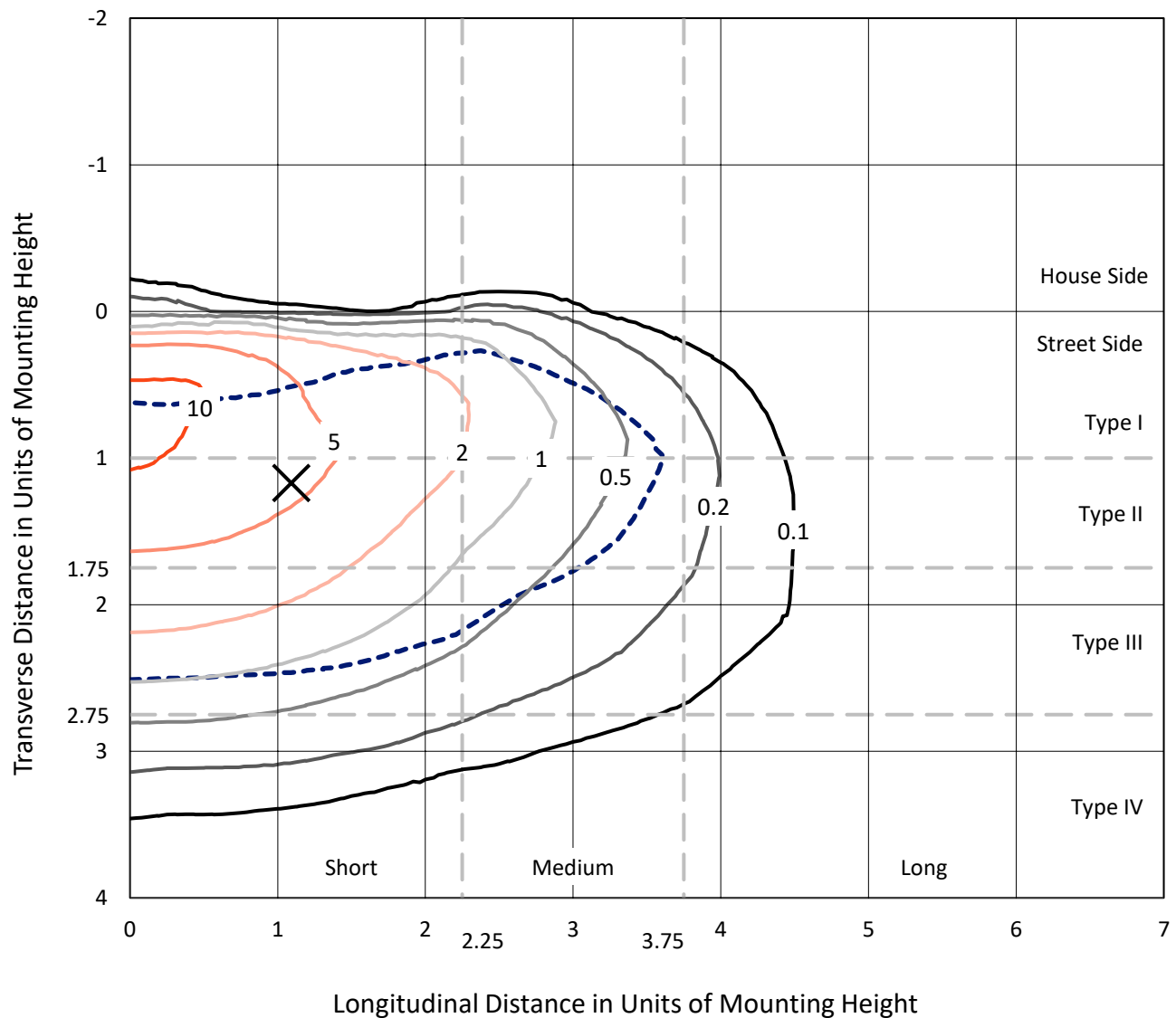


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

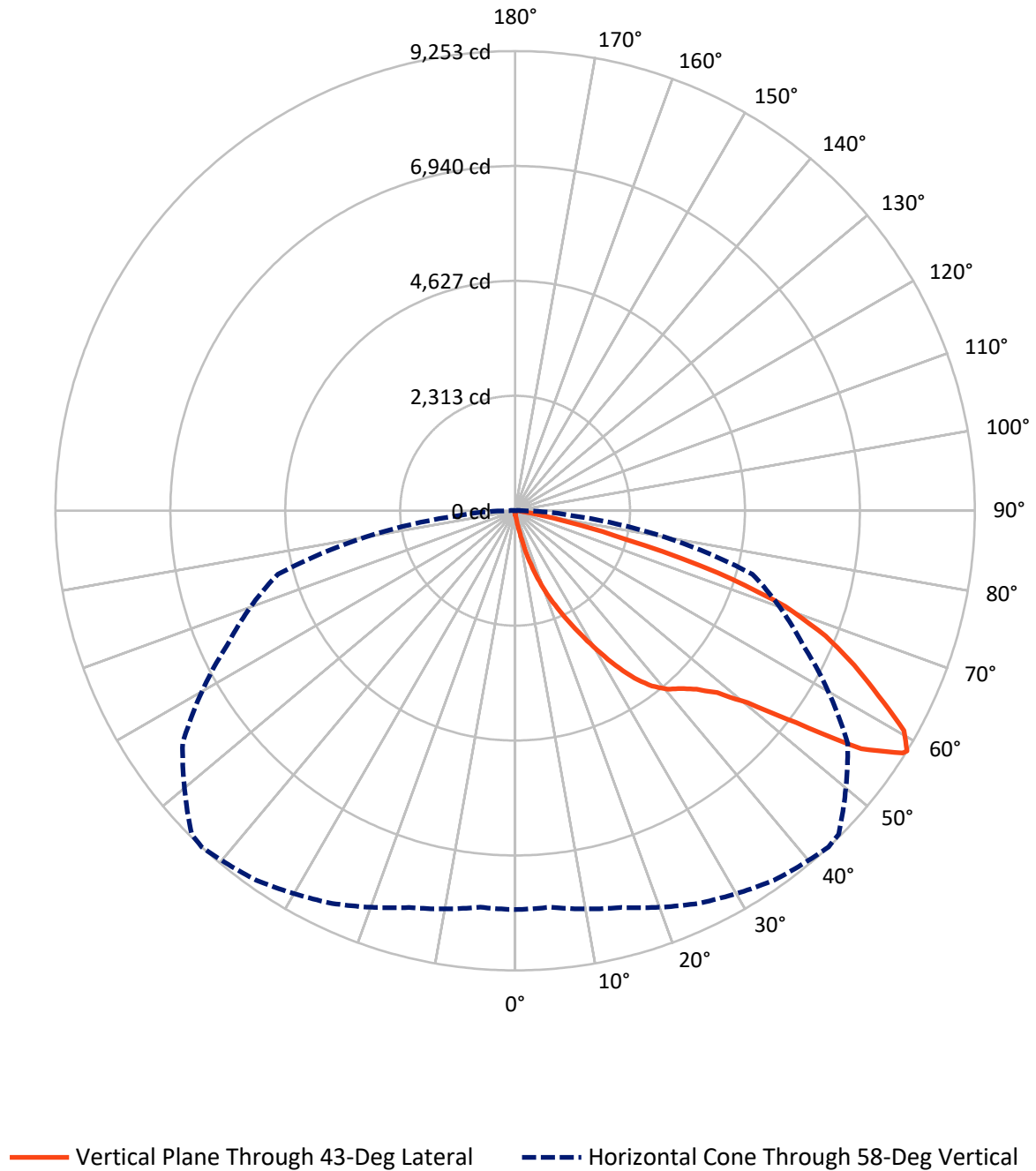


Based on 15 foot mounting height. Maximum calculated value = 12.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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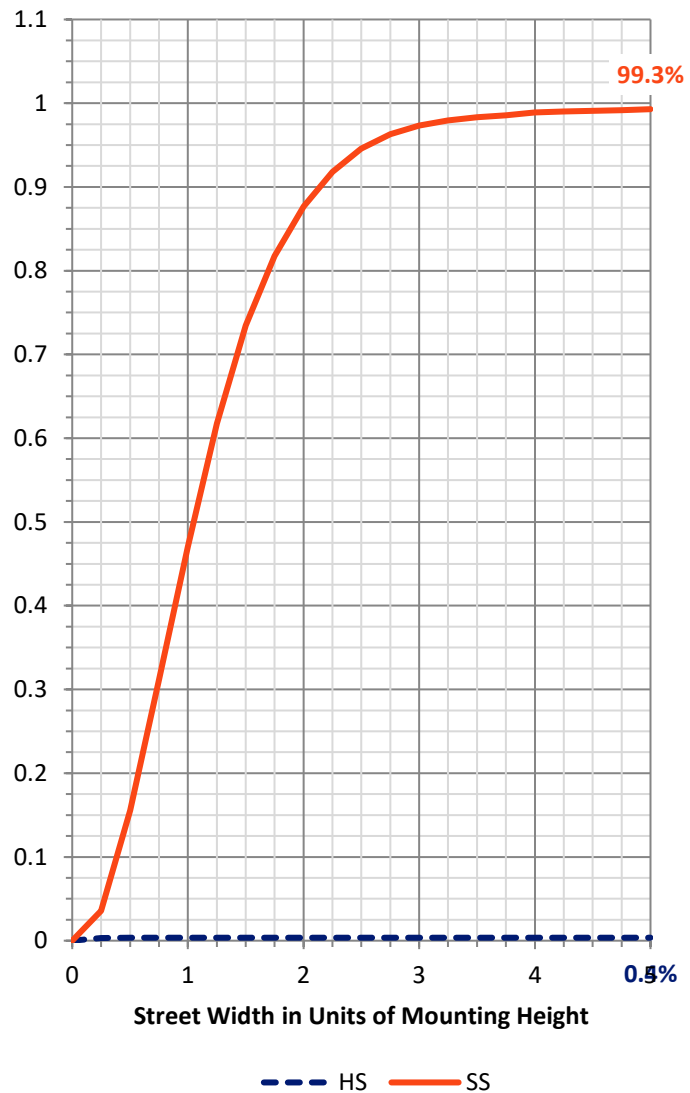
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	40.8	0.0	40.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11134.2	0.0	11134.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	11174.9	0.0	11174.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.7	0.1
10°-20°	128.5	1.1
20°-30°	463.0	4.1
30°-40°	1059.3	9.5
40°-50°	1786.7	16.0
50°-60°	2948.4	26.4
60°-70°	3295.2	29.5
70°-80°	1360.5	12.2
80°-90°	122.6	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°	11174.9	100.0
0°-180°	11174.9	100.0



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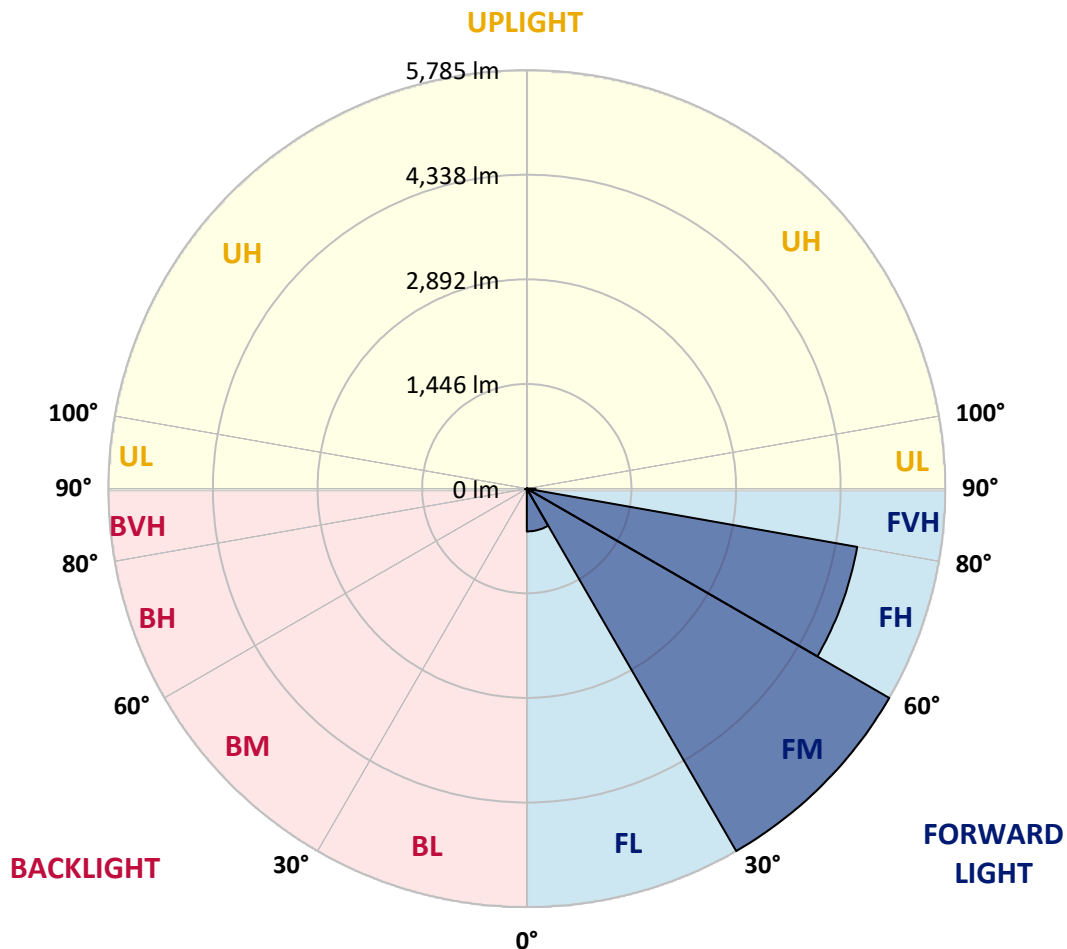
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	591.5	5.3			
FM	(30°-60°)	5784.6	51.8			
FH	(60°-80°)	4637.1	41.5			G2/5000
FVH	(80°-90°)	121.0	1.1			G2/225
BL	(0°-30°)	10.6	0.1	B0/110		
BM	(30°-60°)	9.8	0.1	B0/220		
BH	(60°-80°)	18.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2.5°	87.7	90.6	87.7	87.7	87.7	84.8	84.8	81.8	81.8	78.9	76.0
5°	128.6	128.6	119.8	114.0	108.1	105.2	102.3	96.4	90.6	84.8	78.9
7.5°	286.4	286.4	260.1	225.0	178.3	152.0	146.1	119.8	102.3	90.6	78.9
10°	683.9	683.9	625.5	529.0	409.2	304.0	271.8	172.4	122.8	96.4	81.8
12.5°	1136.9	1151.5	1078.5	955.7	777.4	593.3	529.0	315.7	163.7	105.2	81.8
15°	1543.2	1508.1	1487.7	1370.8	1201.2	982.0	900.2	531.9	236.7	119.8	81.8
17.5°	1817.9	1817.9	1788.7	1709.8	1554.9	1362.0	1294.8	859.3	382.9	137.4	84.8
20°	2139.4	2139.4	2086.8	2031.3	1893.9	1730.2	1665.9	1221.7	593.3	175.4	84.8
22.5°	2528.1	2534.0	2475.5	2376.2	2244.6	2063.4	2007.9	1557.8	859.3	233.8	87.7
25°	3001.6	3007.5	2922.7	2829.2	2627.5	2431.7	2346.9	1943.6	1183.7	327.3	87.7
27.5°	3524.8	3565.7	3440.0	3279.3	3065.9	2820.4	2756.1	2291.4	1505.2	461.8	93.5
30°	4176.6	4176.6	4010.0	3784.9	3554.0	3250.1	3168.2	2656.7	1847.2	640.1	99.4
32.5°	4737.7	4693.9	4480.5	4243.8	3998.3	3714.8	3627.1	3039.6	2197.9	862.2	111.1
35°	5167.4	5129.4	4866.3	4612.0	4398.7	4138.6	4033.3	3454.6	2569.1	1113.6	128.6
37.5°	5535.6	5521.0	5164.4	4845.9	4705.6	4477.6	4384.1	3846.3	2934.4	1385.4	149.1
40°	5938.9	5892.2	5512.2	5117.7	4907.2	4723.1	4638.3	4161.9	3285.1	1703.9	178.3
42.5°	6283.8	6228.3	5886.3	5500.5	5141.0	4892.6	4810.8	4427.9	3627.1	2022.5	216.3
45°	6666.7	6637.5	6292.6	6000.3	5521.0	5123.5	5015.4	4641.3	3939.8	2402.5	266.0
47.5°	7242.5	7189.9	6868.4	6628.7	6073.4	5474.2	5319.3	4860.5	4240.9	2776.6	342.0
50°	7911.8	7876.7	7686.7	7496.8	6944.4	6073.4	5889.3	5176.1	4577.0	3220.8	441.3
52.5°	8458.3	8452.5	8475.9	8478.8	8060.8	7081.7	6807.0	5684.7	4962.8	3659.2	581.6
55°	8446.6	8472.9	8730.1	9025.3	9057.5	8458.3	8192.4	6541.0	5465.5	4199.9	777.4
57.5°	8131.0	8110.5	8382.3	8826.6	9139.3	9203.6	9159.8	7870.9	6222.5	4851.7	1078.5
58°	8028.7	8011.2	8268.3	8721.4	9080.9	9253.3	9209.5	8171.9	6392.0	4945.2	1160.3
60°	7657.5	7660.4	7812.4	8224.5	8584.0	8993.2	9034.1	9031.2	7236.6	5570.7	1572.4
62.5°	7166.5	7143.1	7283.4	7619.5	7935.2	8209.9	8280.0	9089.6	8472.9	6365.7	2358.6
65°	6488.4	6453.3	6602.4	6982.4	7321.4	7499.7	7502.6	8306.3	9054.6	7219.1	3480.9
67.5°	5228.7	5199.5	5497.6	5985.7	6508.9	6742.7	6847.9	7207.4	8563.5	7797.8	4123.9
70°	3203.3	3264.7	3679.7	4445.4	5339.8	5769.4	5927.3	6038.3	7292.2	7710.1	3448.8
72.5°	1478.9	1405.8	1759.5	2294.3	3314.4	4270.1	4433.8	4869.2	5781.1	6693.0	2572.0
75°	689.8	663.5	745.3	1002.5	1502.3	2306.0	2604.1	3887.2	4433.8	4655.9	1855.9
77.5°	353.6	356.6	423.8	455.9	619.6	1066.8	1224.6	2557.4	3250.1	2598.3	1245.1
80°	154.9	160.7	163.7	178.3	251.4	412.1	464.7	1186.6	2221.3	1324.0	681.0
82.5°	99.4	102.3	102.3	102.3	119.8	163.7	187.1	476.4	1107.7	657.6	210.4
85°	52.6	52.6	58.5	73.1	84.8	99.4	105.2	152.0	365.3	195.8	49.7
87.5°	29.2	32.1	35.1	43.8	55.5	67.2	73.1	105.2	140.3	134.4	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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CATALOG NUMBER: GLAN-SA3A-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
2.5°	76.0	73.1	70.1	67.2	64.3	61.4	61.4	61.4	61.4	61.4	61.4
5°	73.1	70.1	67.2	61.4	55.5	52.6	49.7	46.8	46.8	46.8	46.8
7.5°	73.1	70.1	61.4	55.5	49.7	43.8	38.0	38.0	38.0	38.0	38.0
10°	73.1	67.2	58.5	49.7	40.9	35.1	32.1	29.2	29.2	29.2	29.2
12.5°	73.1	64.3	55.5	43.8	35.1	29.2	26.3	23.4	23.4	23.4	23.4
15°	73.1	64.3	52.6	40.9	32.1	23.4	20.5	17.5	17.5	17.5	17.5
17.5°	70.1	61.4	49.7	35.1	26.3	17.5	14.6	11.7	11.7	14.6	14.6
20°	67.2	58.5	43.8	29.2	20.5	14.6	8.8	8.8	8.8	8.8	8.8
22.5°	67.2	58.5	40.9	26.3	17.5	8.8	5.8	5.8	5.8	5.8	8.8
25°	67.2	55.5	35.1	20.5	11.7	5.8	2.9	2.9	2.9	2.9	2.9
27.5°	67.2	55.5	32.1	17.5	8.8	5.8	2.9	0.0	0.0	0.0	0.0
30°	64.3	52.6	29.2	14.6	5.8	2.9	0.0	0.0	0.0	0.0	0.0
32.5°	64.3	49.7	23.4	11.7	5.8	2.9	0.0	0.0	0.0	0.0	0.0
35°	67.2	46.8	20.5	8.8	2.9	0.0	0.0	0.0	0.0	0.0	2.9
37.5°	70.1	43.8	17.5	5.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	73.1	40.9	17.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	78.9	40.9	14.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	84.8	40.9	11.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	96.4	43.8	11.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	105.2	46.8	8.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	116.9	43.8	8.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	131.5	43.8	8.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	143.2	40.9	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	149.1	38.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	178.3	35.1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	277.7	29.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	564.1	26.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1052.2	23.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1177.9	26.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	742.4	20.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	391.6	20.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	195.8	20.5	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	90.6	14.6	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	38.0	8.8	5.8	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.5	8.8	5.8	5.8	2.9	2.9	0.0	0.0	0.0	0.0	0.0
87.5°	8.8	8.8	8.8	5.8	5.8	2.9	2.9	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

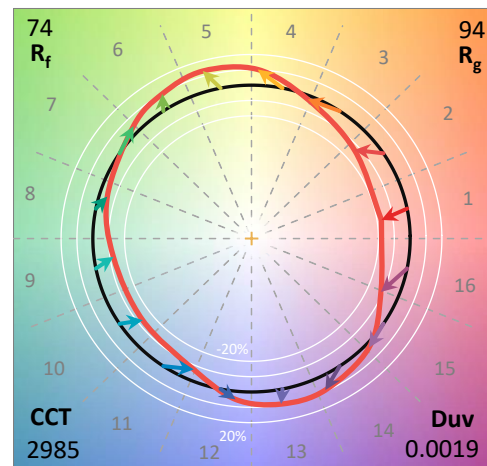
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

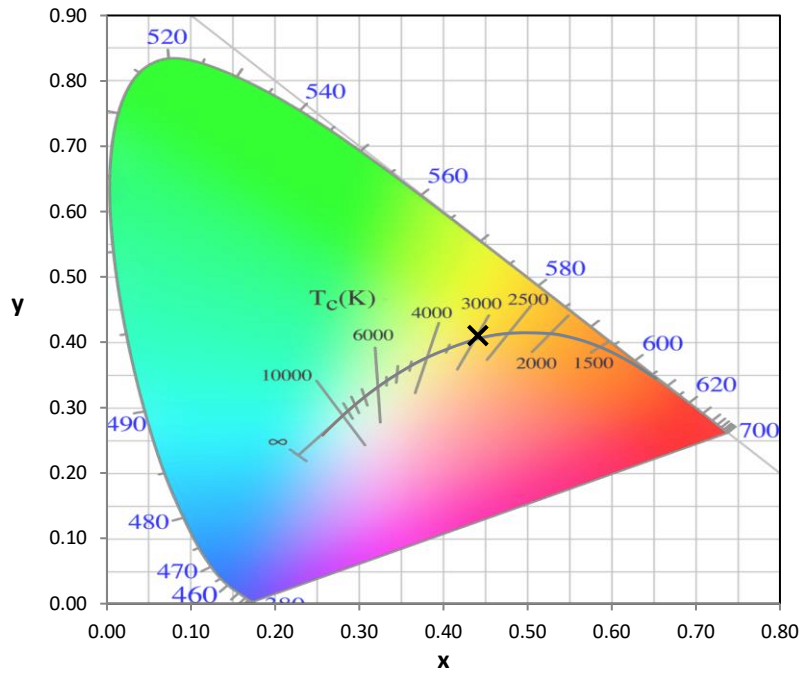
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

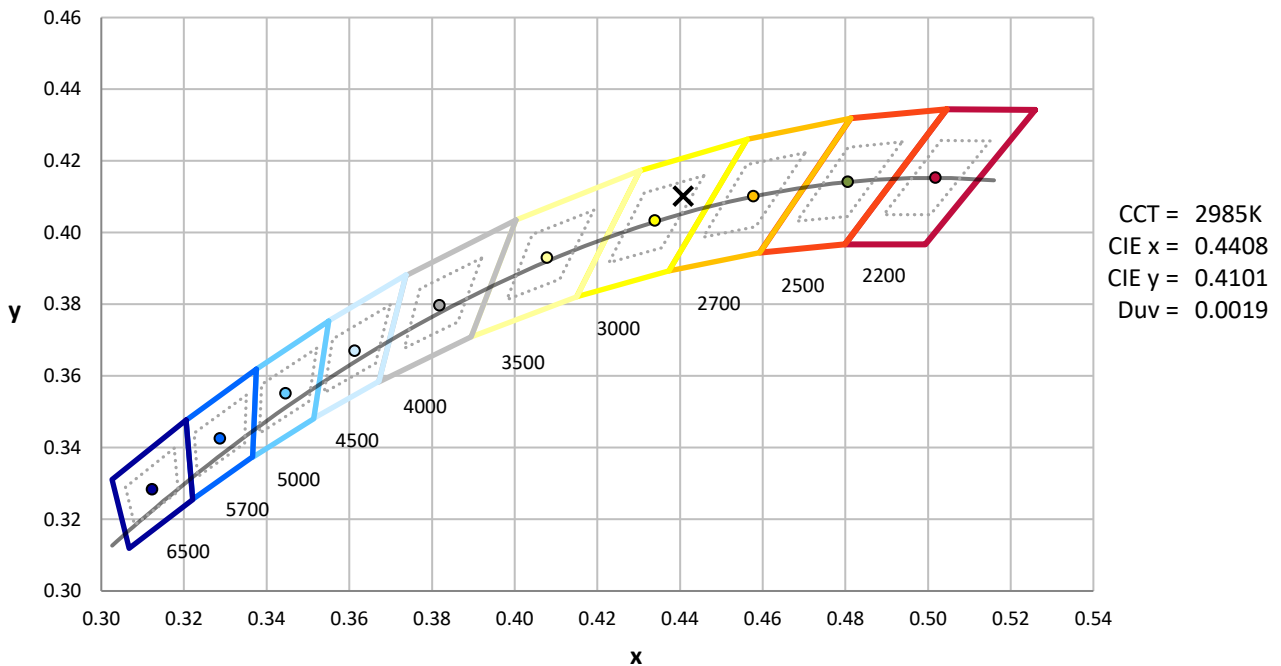
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



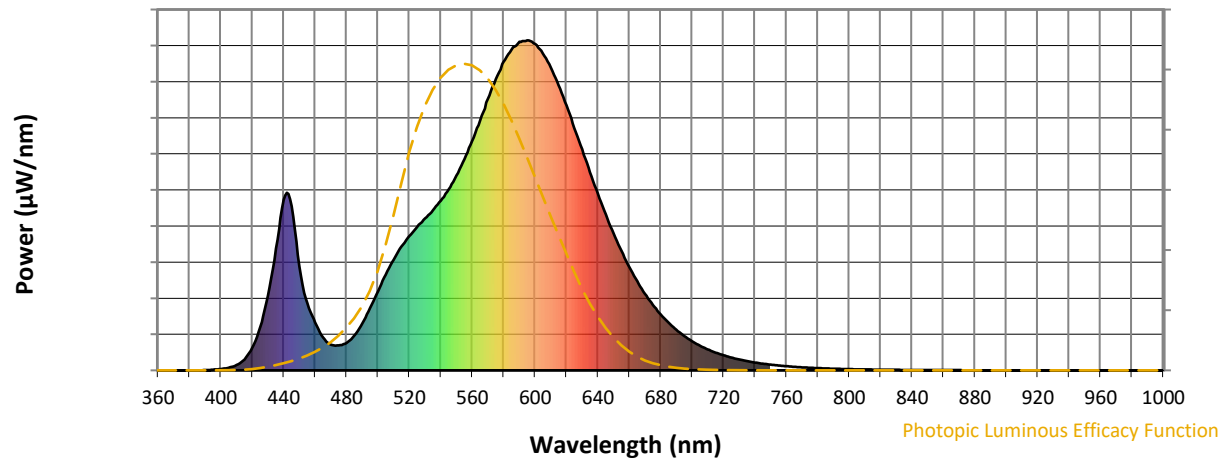
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

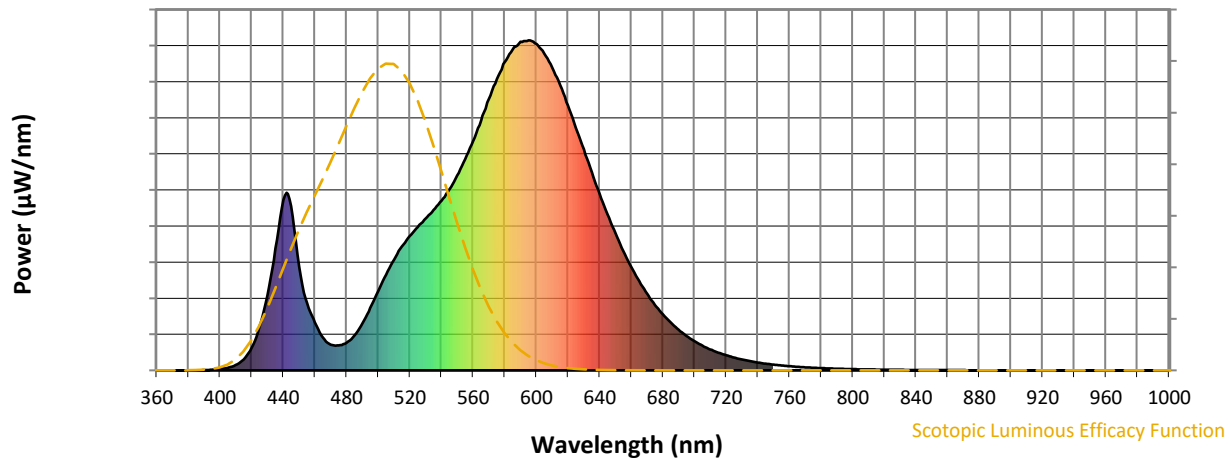


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



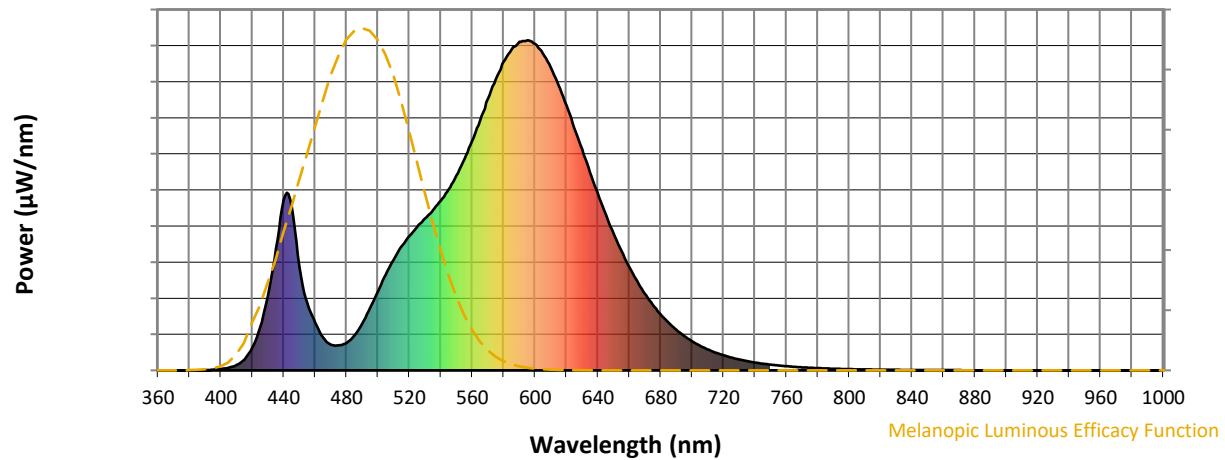
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

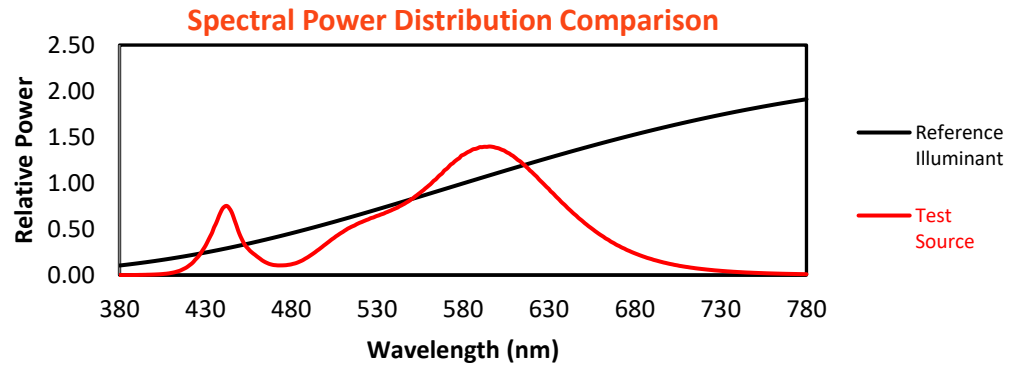
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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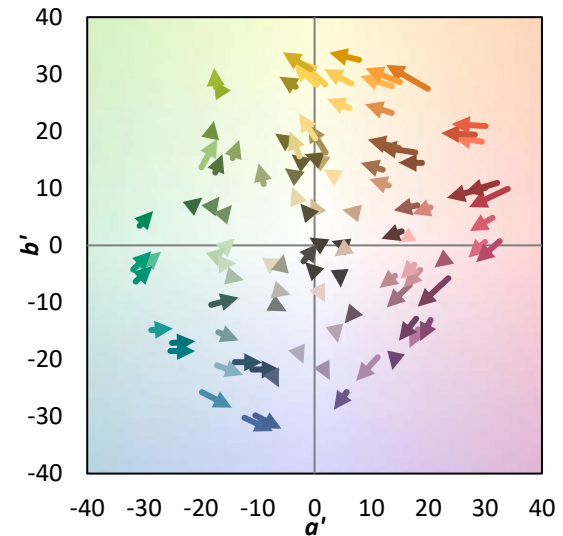
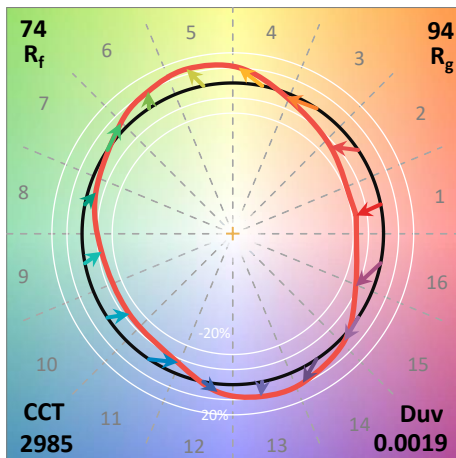
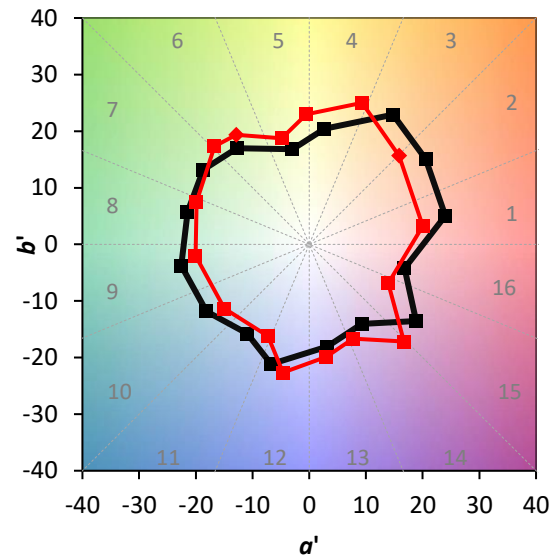
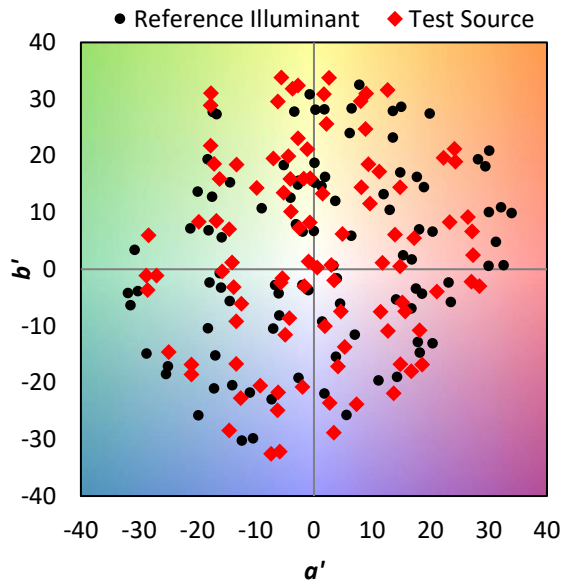
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$

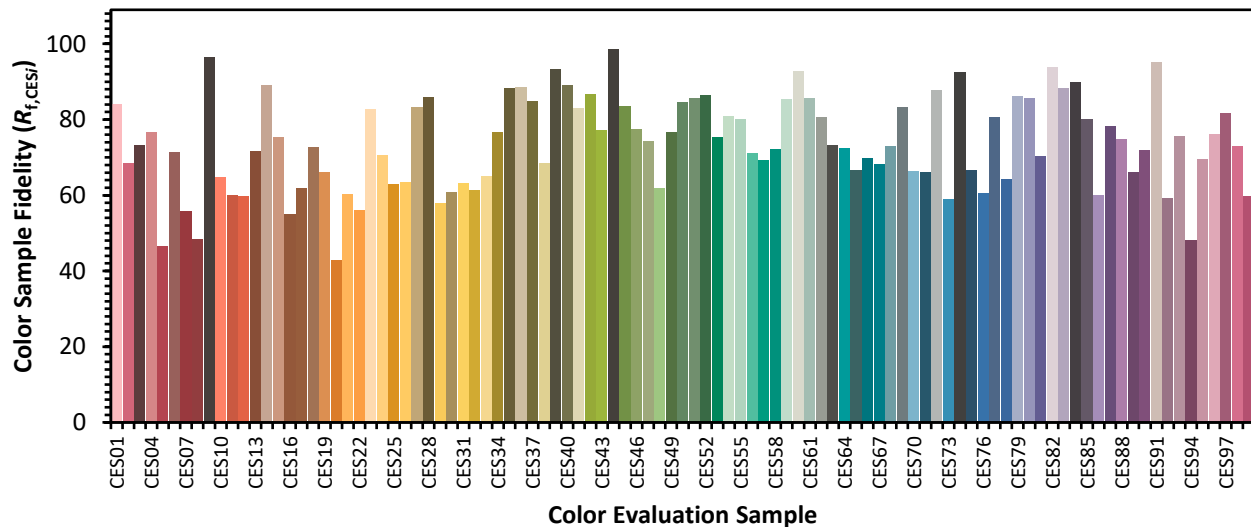


Color Vector Graphics

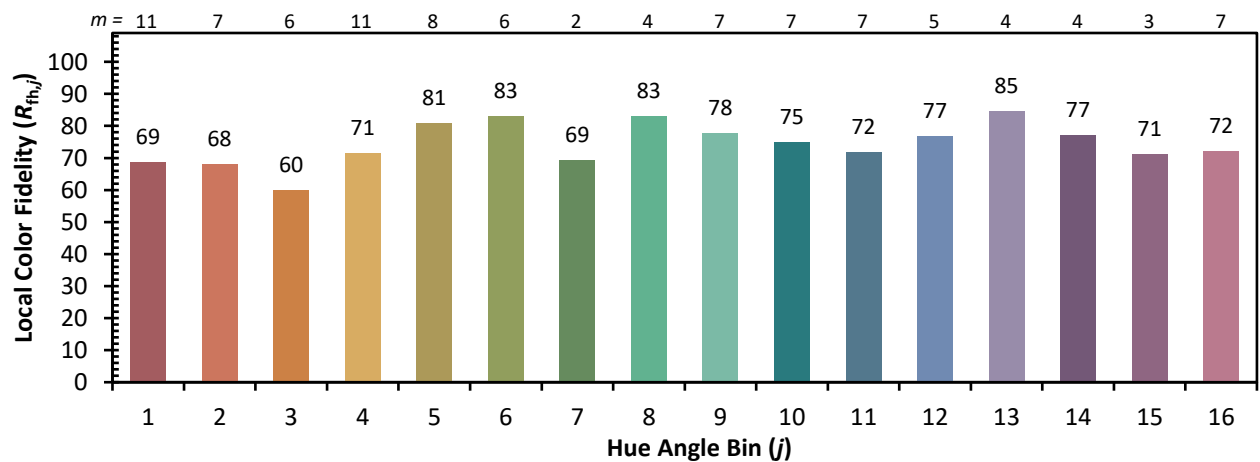
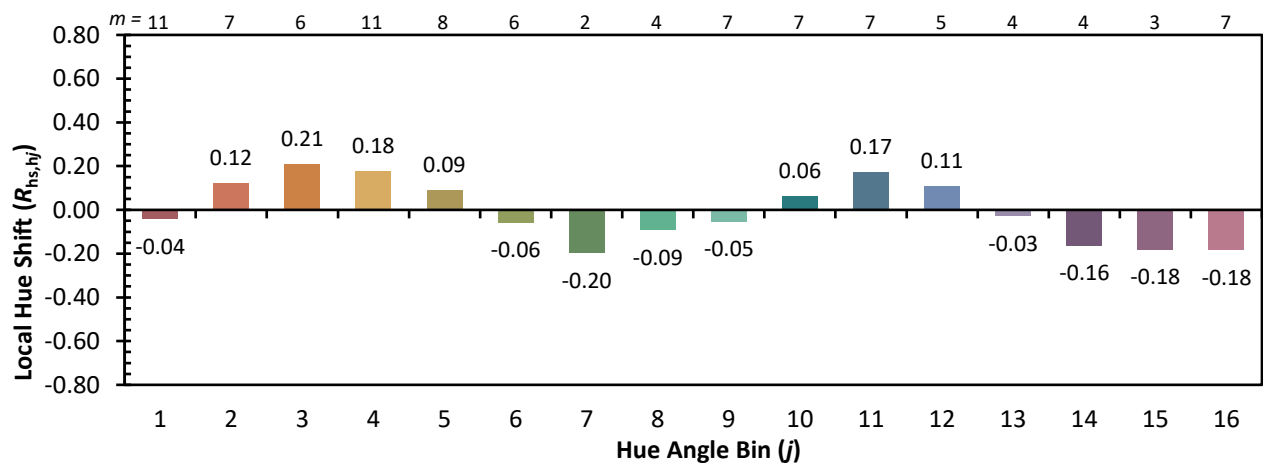
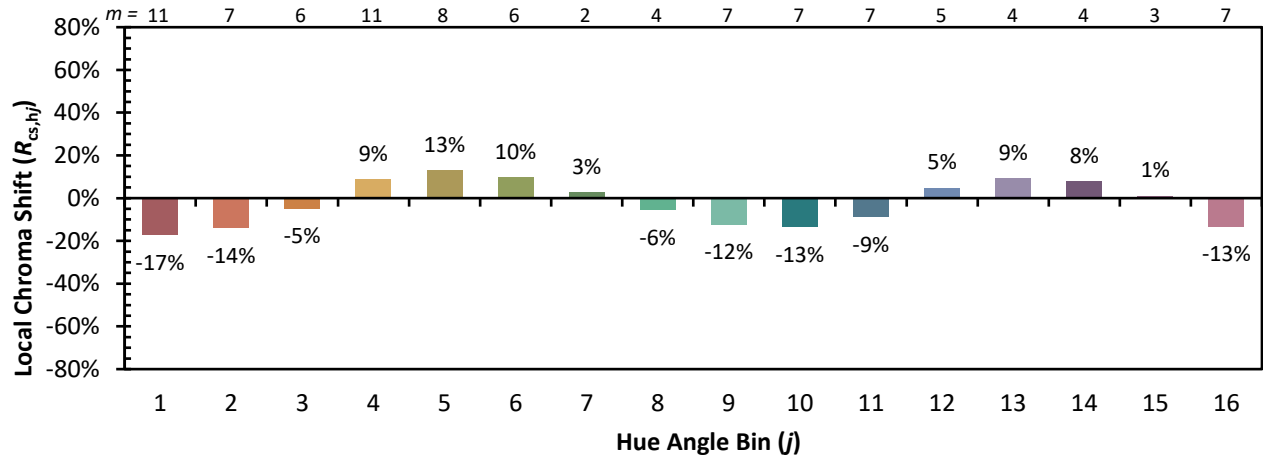


Individual Sample Fidelity Index ($R_{f,i}$)

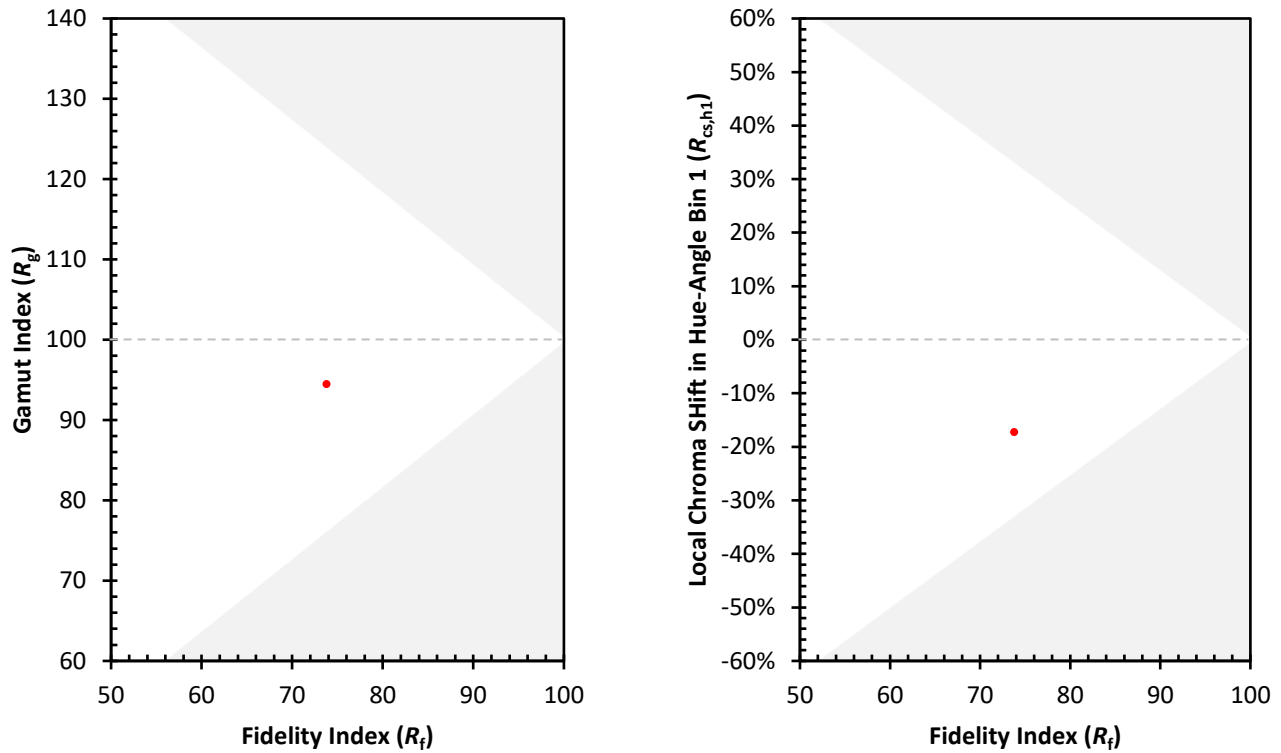
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)