

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: P1062774

Luminaire Tested: **GLAN-SA5B-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062774
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA5B-730-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22676.3 lumens
Efficiency: N/A
Efficacy: 126.8 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): 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

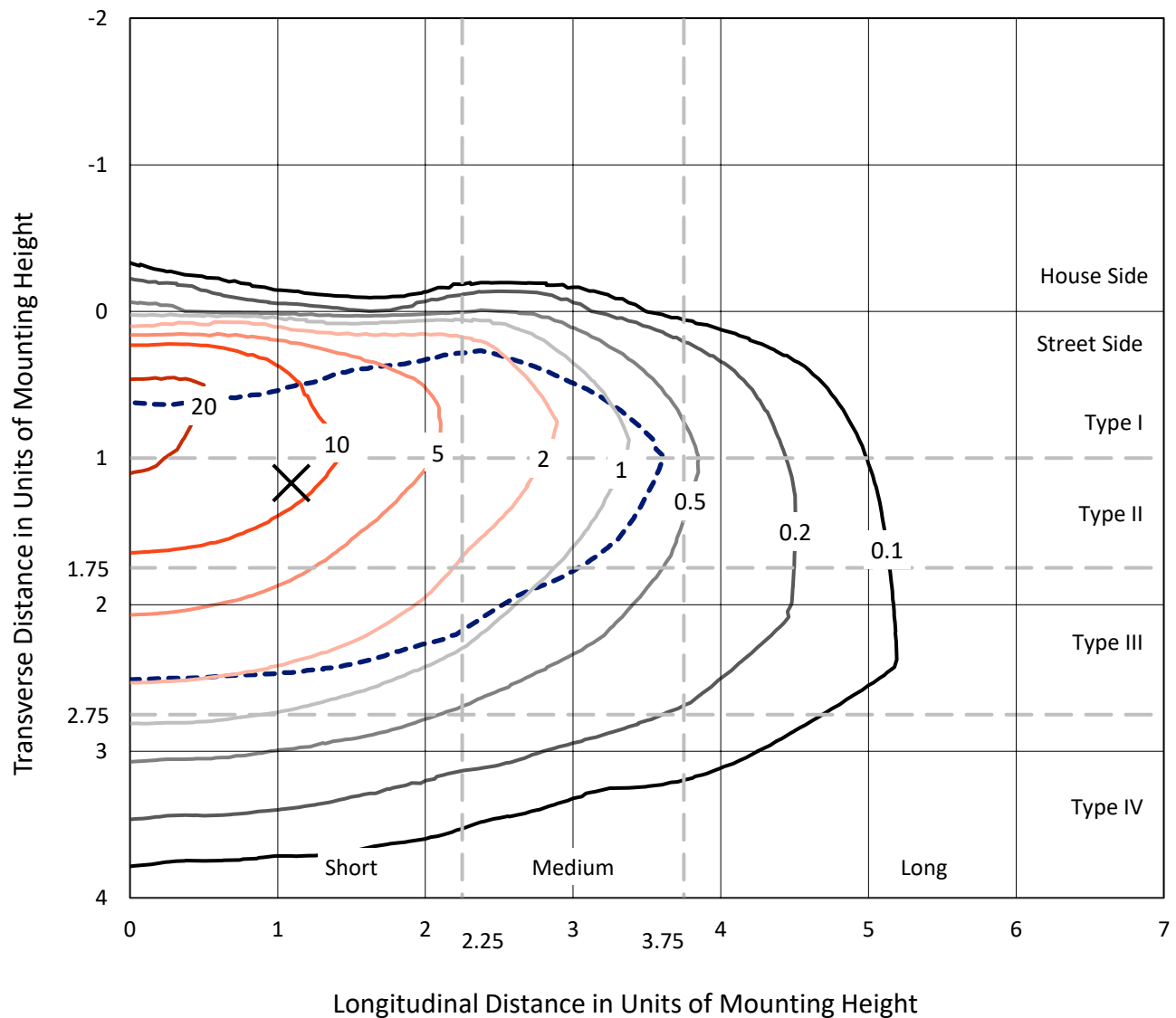


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

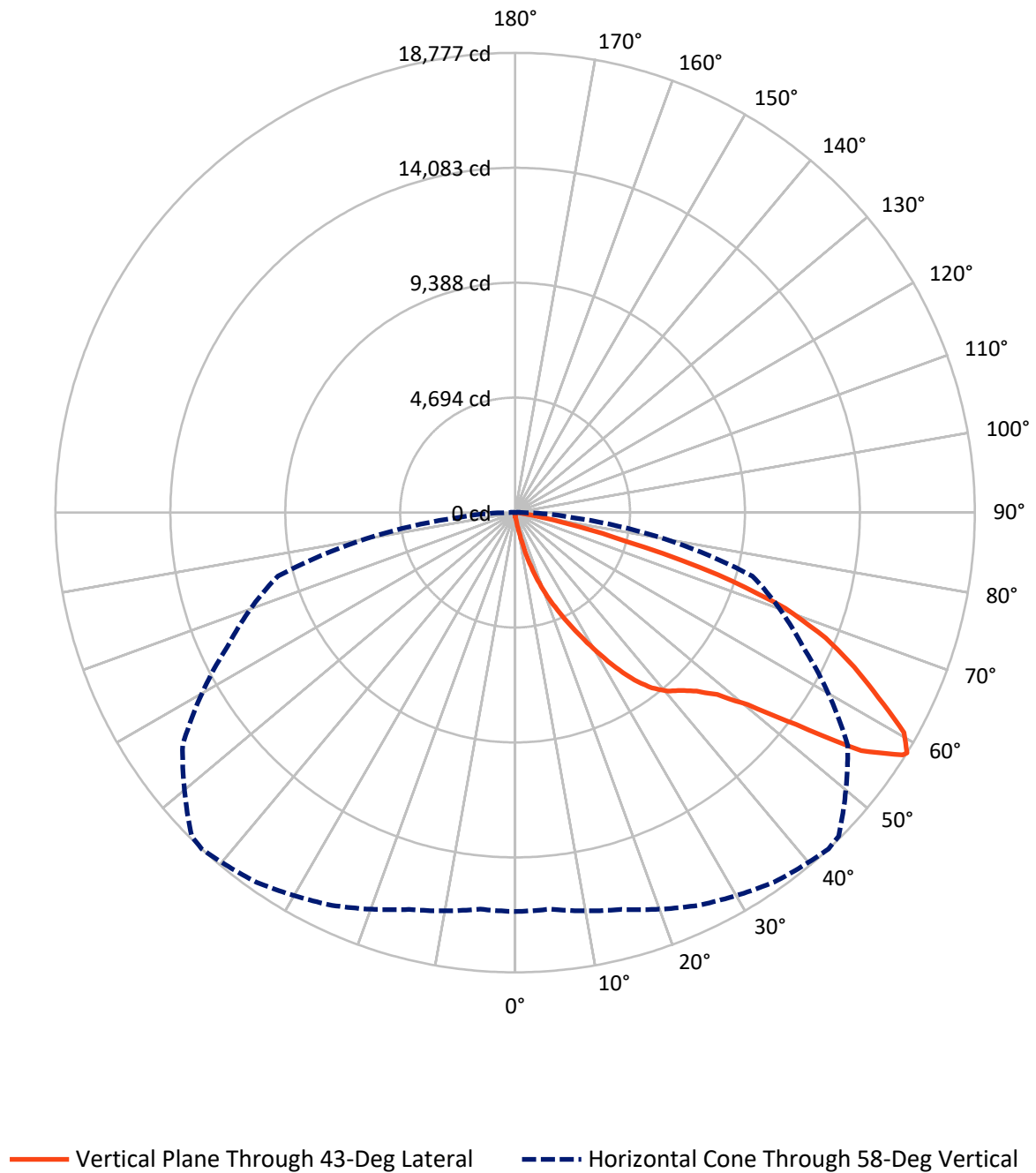


Based on 15 foot mounting height. Maximum calculated value = 25.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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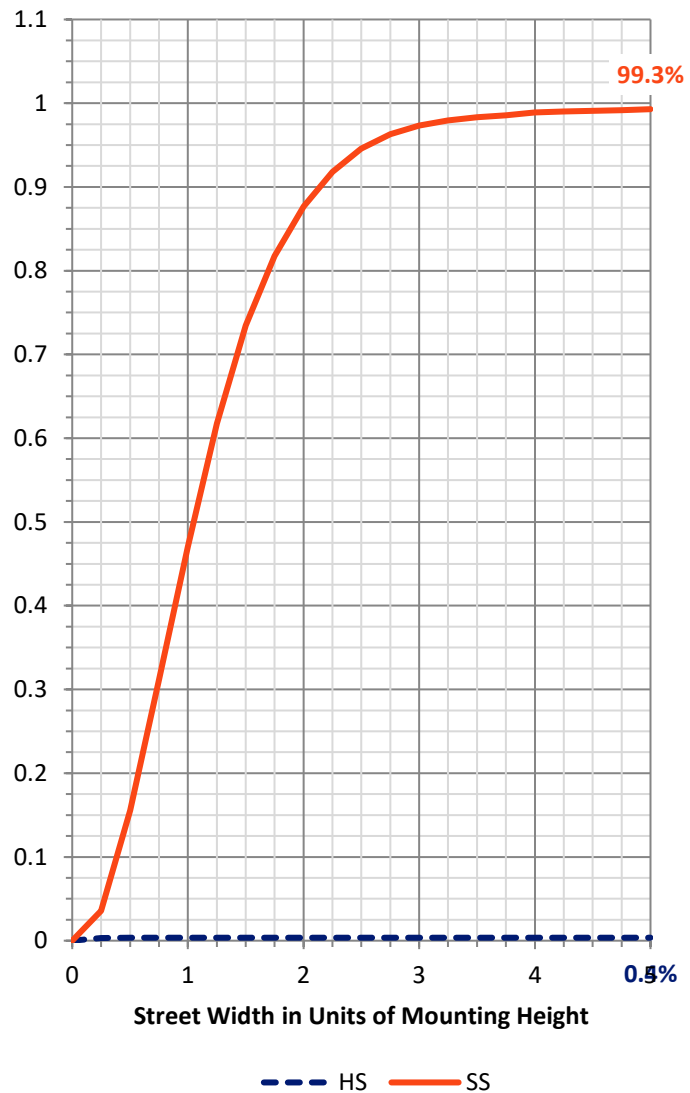
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	82.8	0.0	82.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22593.5	0.0	22593.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	22676.3	0.0	22676.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.7	0.1
10°-20°	260.7	1.1
20°-30°	939.5	4.1
30°-40°	2149.6	9.5
40°-50°	3625.5	16.0
50°-60°	5982.9	26.4
60°-70°	6686.7	29.5
70°-80°	2760.8	12.2
80°-90°	248.9	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°	22676.3	100.0
0°-180°	22676.3	100.0



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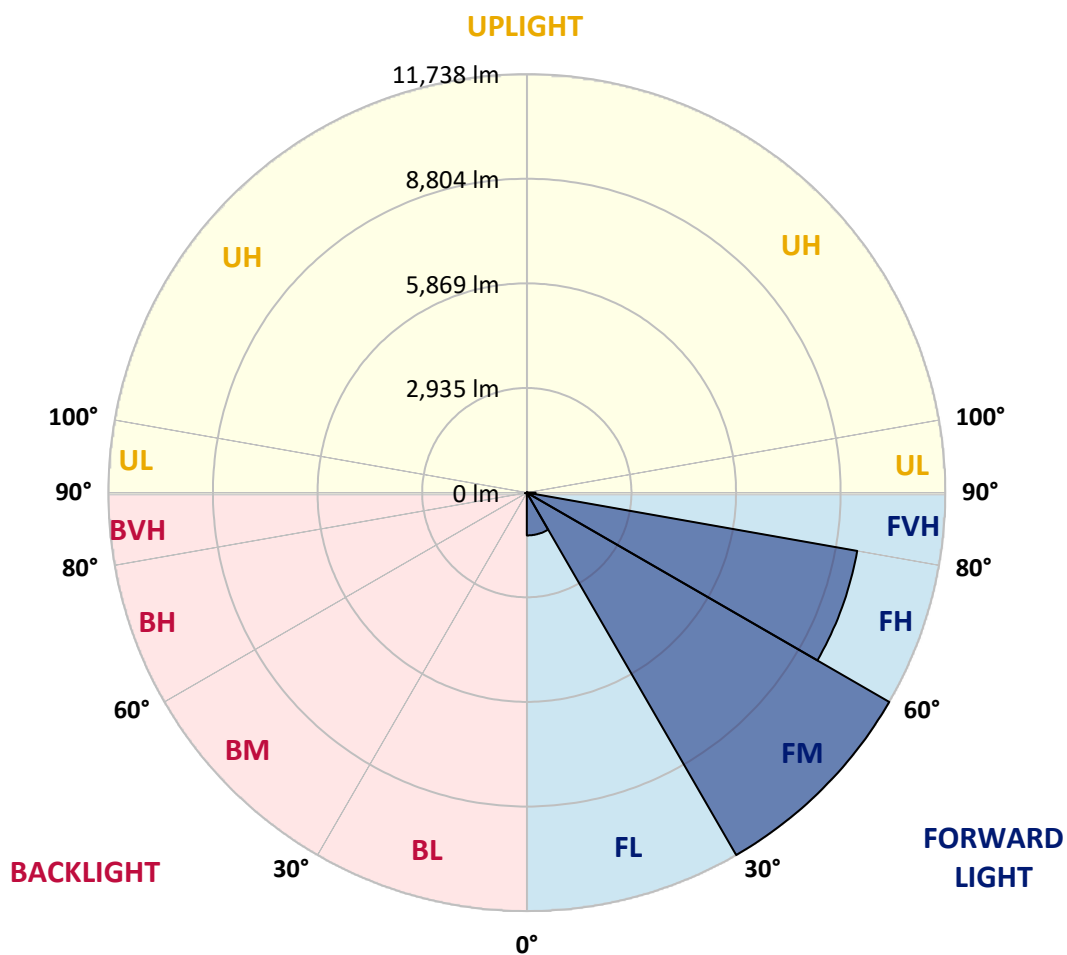
CATALOG NUMBER: GLAN-SA5B-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1200.3	5.3			
FM	(30°-60°)	11738.1	51.8			
FH	(60°-80°)	9409.6	41.5			G4/12000
FVH	(80°-90°)	245.5	1.1			G3/500
BL	(0°-30°)	21.6	0.1	B0/110		
BM	(30°-60°)	19.8	0.1	B0/220		
BH	(60°-80°)	37.9	0.2	B0/110		G0/110
BVH	(80°-90°)	3.4	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-G4

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3
2.5°	177.9	183.9	177.9	177.9	177.9	172.0	172.0	166.1	166.1	160.1	154.2
5°	261.0	261.0	243.2	231.3	219.4	213.5	207.6	195.7	183.9	172.0	160.1
7.5°	581.2	581.2	527.8	456.7	361.8	308.4	296.5	243.2	207.6	183.9	160.1
10°	1387.8	1387.8	1269.2	1073.5	830.3	616.8	551.6	349.9	249.1	195.7	166.1
12.5°	2307.1	2336.7	2188.5	1939.4	1577.6	1203.9	1073.5	640.5	332.1	213.5	166.1
15°	3131.5	3060.3	3018.8	2781.5	2437.6	1992.7	1826.7	1079.4	480.4	243.2	166.1
17.5°	3688.9	3688.9	3629.6	3469.5	3155.2	2763.7	2627.3	1743.7	776.9	278.7	172.0
20°	4341.3	4341.3	4234.6	4121.9	3843.1	3511.0	3380.5	2479.1	1203.9	355.8	172.0
22.5°	5130.1	5142.0	5023.4	4821.7	4554.8	4187.1	4074.5	3161.1	1743.7	474.5	177.9
25°	6090.9	6102.8	5930.8	5741.0	5331.8	4934.4	4762.4	3944.0	2402.0	664.2	177.9
27.5°	7152.5	7235.6	6980.5	6654.3	6221.4	5723.2	5592.7	4649.7	3054.4	937.1	189.8
30°	8475.1	8475.1	8137.0	7680.4	7211.8	6595.0	6429.0	5391.1	3748.3	1298.8	201.6
32.5°	9613.8	9524.8	9091.9	8611.5	8113.3	7538.0	7360.1	6168.0	4460.0	1749.6	225.4
35°	10485.6	10408.5	9874.8	9358.8	8925.8	8398.0	8184.5	7010.2	5213.2	2259.6	261.0
37.5°	11232.9	11203.3	10479.7	9833.2	9548.6	9086.0	8896.2	7804.9	5954.5	2811.2	302.5
40°	12051.4	11956.5	11185.5	10384.8	9957.8	9584.2	9412.2	8445.4	6666.2	3457.6	361.8
42.5°	12751.2	12638.5	11944.6	11161.7	10432.3	9928.1	9762.1	8985.1	7360.1	4104.1	438.9
45°	13528.1	13468.8	12769.0	12175.9	11203.3	10396.7	10177.2	9418.1	7994.7	4875.1	539.7
47.5°	14696.5	14589.7	13937.3	13451.0	12324.2	11108.4	10794.0	9862.9	8605.6	5634.2	693.9
50°	16054.6	15983.5	15598.0	15212.5	14091.5	12324.2	11950.5	10503.4	9287.6	6535.7	895.5
52.5°	17163.7	17151.8	17199.3	17205.2	16357.1	14370.3	13812.8	11535.4	10070.5	7425.3	1180.2
55°	17140.0	17193.3	17715.3	18314.3	18379.5	17163.7	16624.0	13273.1	11090.6	8522.5	1577.6
57.5°	16499.4	16457.9	17009.5	17911.0	18545.6	18676.0	18587.1	15971.6	12626.6	9845.1	2188.5
58°	16291.9	16256.3	16778.2	17697.5	18427.0	18776.9	18687.9	16582.5	12970.6	10034.9	2354.5
60°	15538.7	15544.6	15853.0	16689.2	17418.7	18249.0	18332.1	18326.1	14684.6	11304.1	3190.8
62.5°	14542.3	14494.8	14779.5	15461.6	16102.1	16659.6	16801.9	18444.7	17193.3	12917.3	4786.1
65°	13166.3	13095.2	13397.6	14168.6	14856.6	15218.4	15224.3	16855.3	18373.6	14649.0	7063.6
67.5°	10610.2	10550.9	11155.8	12146.3	13207.9	13682.3	13895.8	14625.3	17377.2	15823.3	8368.3
70°	6500.1	6624.7	7466.9	9020.7	10835.5	11707.4	12027.6	12253.0	14797.3	15645.4	6998.3
72.5°	3001.0	2852.7	3570.3	4655.7	6725.5	8664.9	8997.0	9880.7	11731.1	13581.5	5219.1
75°	1399.7	1346.3	1512.4	2034.3	3048.4	4679.4	5284.3	7887.9	8997.0	9447.7	3766.0
77.5°	717.6	723.6	860.0	925.2	1257.3	2164.7	2485.0	5189.4	6595.0	5272.5	2526.5
80°	314.3	326.2	332.1	361.8	510.0	836.2	943.0	2407.9	4507.4	2686.6	1381.9
82.5°	201.6	207.6	207.6	207.6	243.2	332.1	379.6	966.7	2247.8	1334.4	427.0
85°	106.8	106.8	118.6	148.3	172.0	201.6	213.5	308.4	741.3	397.4	100.8
87.5°	59.3	65.2	71.2	89.0	112.7	136.4	148.3	213.5	284.7	272.8	23.7
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-SA5B-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3	148.3
2.5°	154.2	148.3	142.3	136.4	130.5	124.5	124.5	124.5	124.5	124.5	124.5
5°	148.3	142.3	136.4	124.5	112.7	106.8	100.8	94.9	94.9	94.9	94.9
7.5°	148.3	142.3	124.5	112.7	100.8	89.0	77.1	77.1	77.1	77.1	77.1
10°	148.3	136.4	118.6	100.8	83.0	71.2	65.2	59.3	59.3	59.3	59.3
12.5°	148.3	130.5	112.7	89.0	71.2	59.3	53.4	47.4	47.4	47.4	47.4
15°	148.3	130.5	106.8	83.0	65.2	47.4	41.5	35.6	35.6	35.6	35.6
17.5°	142.3	124.5	100.8	71.2	53.4	35.6	29.7	23.7	23.7	29.7	29.7
20°	136.4	118.6	89.0	59.3	41.5	29.7	17.8	17.8	17.8	17.8	17.8
22.5°	136.4	118.6	83.0	53.4	35.6	17.8	11.9	11.9	11.9	11.9	17.8
25°	136.4	112.7	71.2	41.5	23.7	11.9	5.9	5.9	5.9	5.9	5.9
27.5°	136.4	112.7	65.2	35.6	17.8	11.9	5.9	0.0	0.0	0.0	0.0
30°	130.5	106.8	59.3	29.7	11.9	5.9	0.0	0.0	0.0	0.0	0.0
32.5°	130.5	100.8	47.4	23.7	11.9	5.9	0.0	0.0	0.0	0.0	0.0
35°	136.4	94.9	41.5	17.8	5.9	0.0	0.0	0.0	0.0	0.0	5.9
37.5°	142.3	89.0	35.6	11.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	148.3	83.0	35.6	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	160.1	83.0	29.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	172.0	83.0	23.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	195.7	89.0	23.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	213.5	94.9	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	237.2	89.0	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	266.9	89.0	17.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	290.6	83.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	302.5	77.1	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	361.8	71.2	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	563.4	59.3	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1144.6	53.4	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2135.1	47.4	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2390.1	53.4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1506.4	41.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	794.7	41.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	397.4	41.5	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	183.9	29.7	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	77.1	17.8	11.9	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	35.6	17.8	11.9	11.9	5.9	5.9	0.0	0.0	0.0	0.0	0.0
87.5°	17.8	17.8	17.8	11.9	11.9	5.9	5.9	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

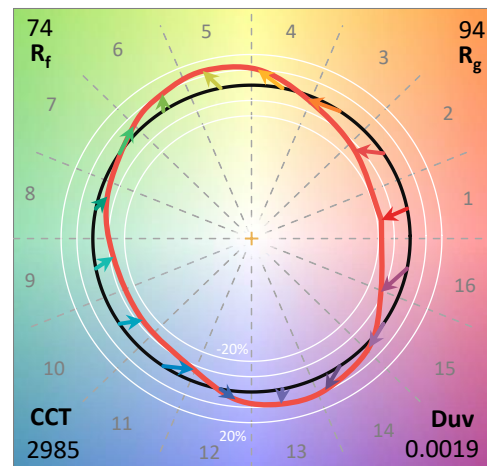
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

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	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

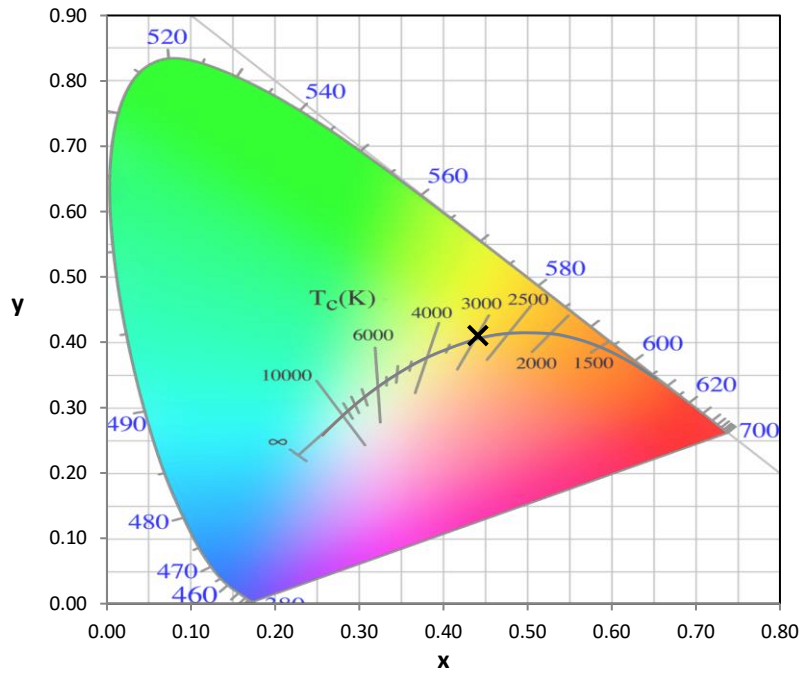
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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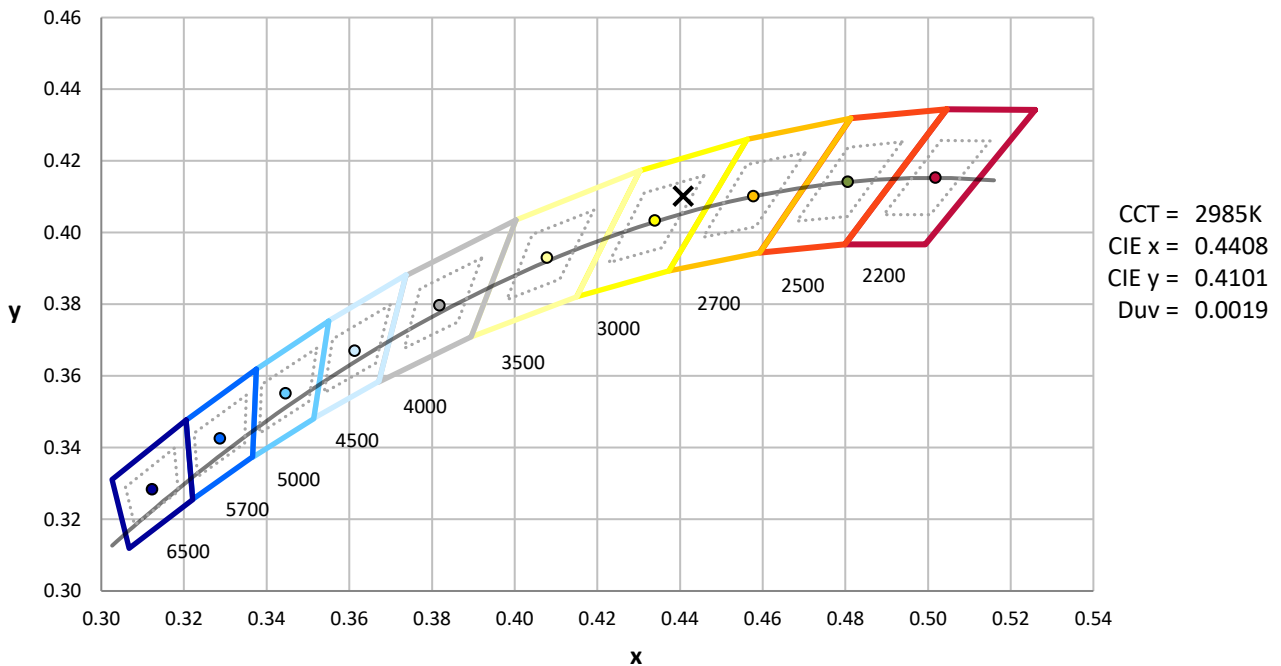
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



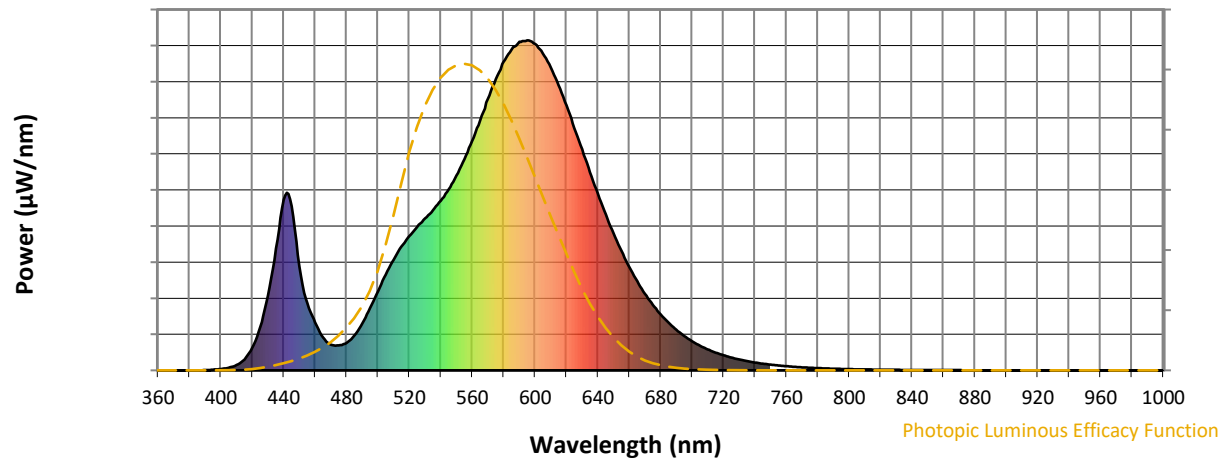
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

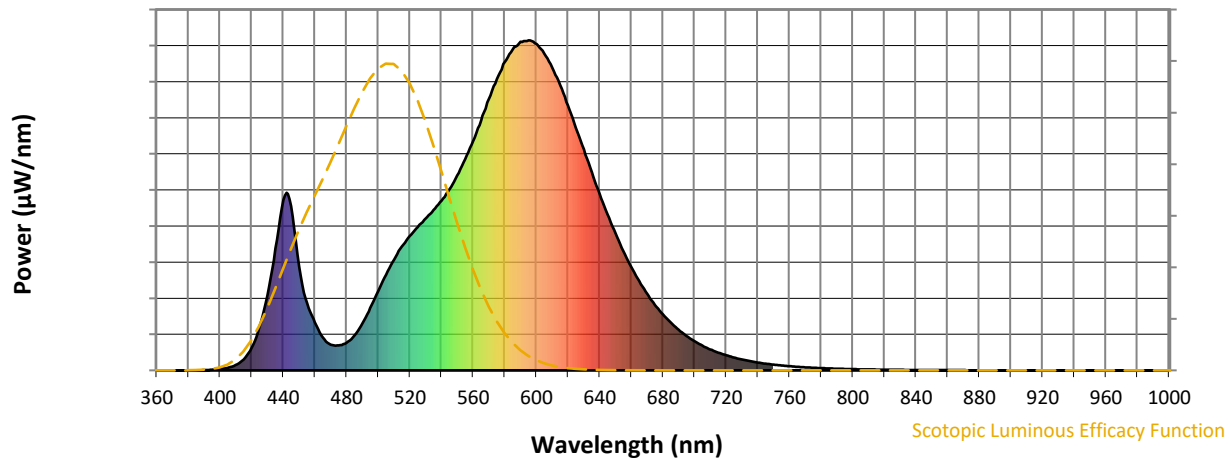


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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



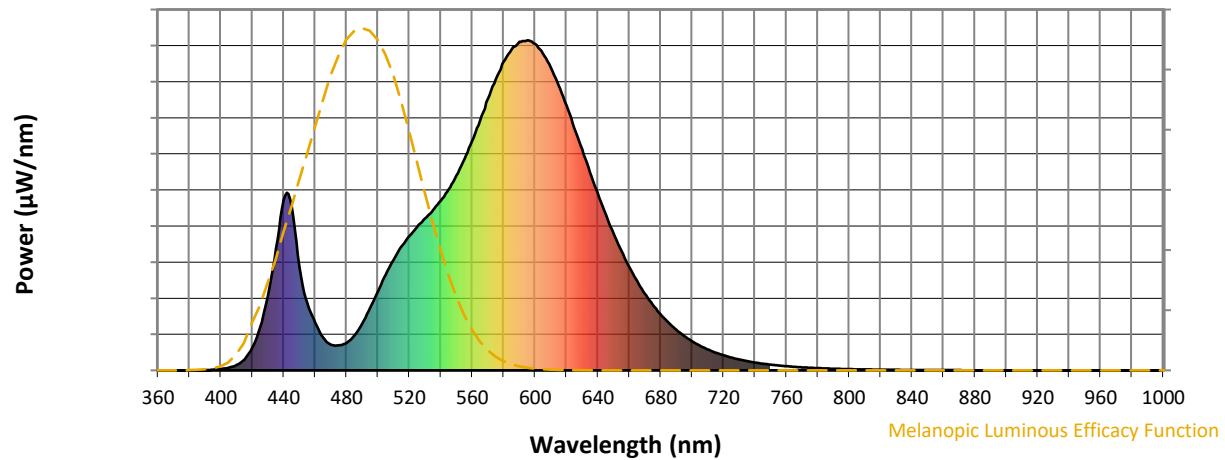
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power 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	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

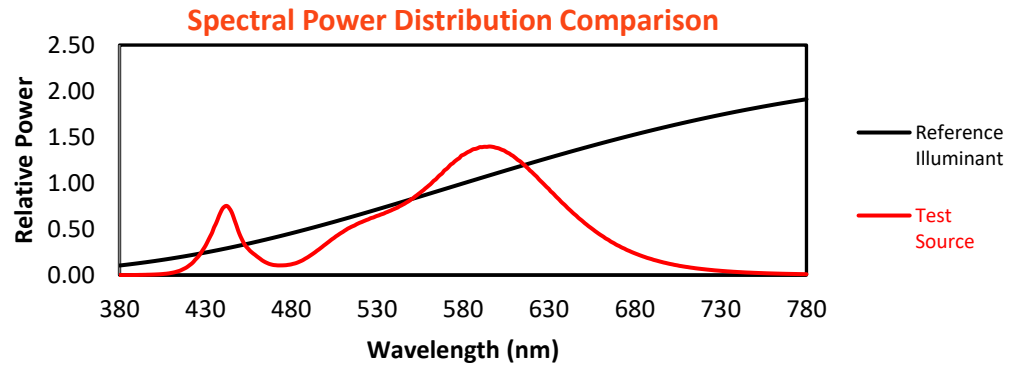
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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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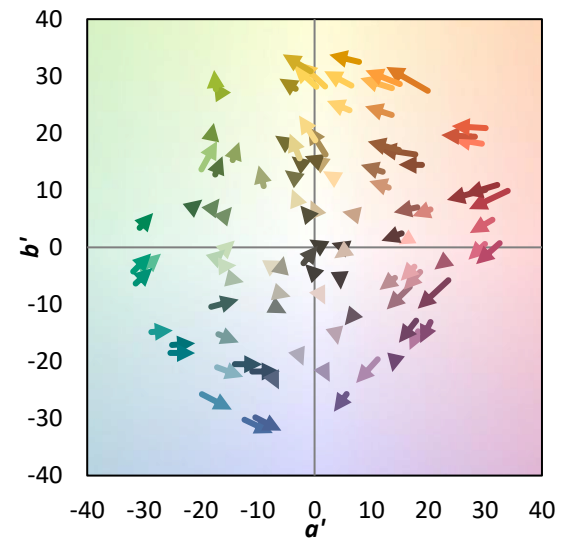
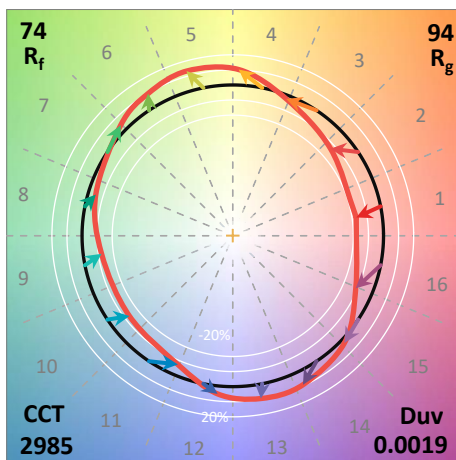
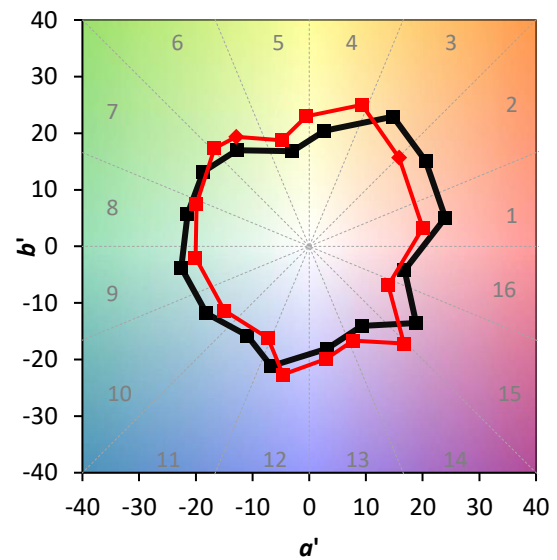
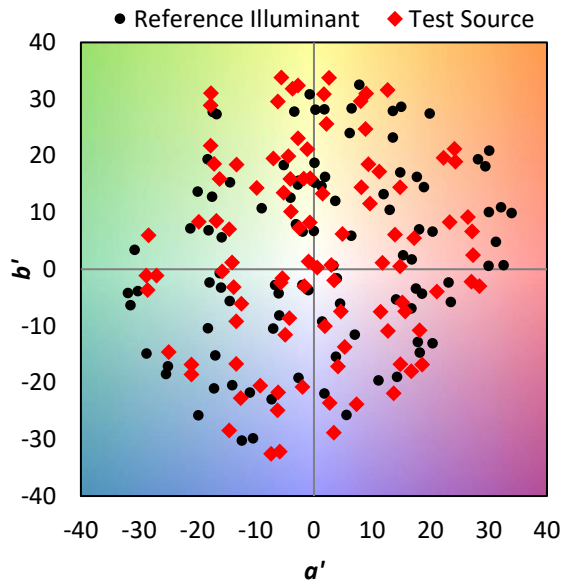
TM-30-18

Summary

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

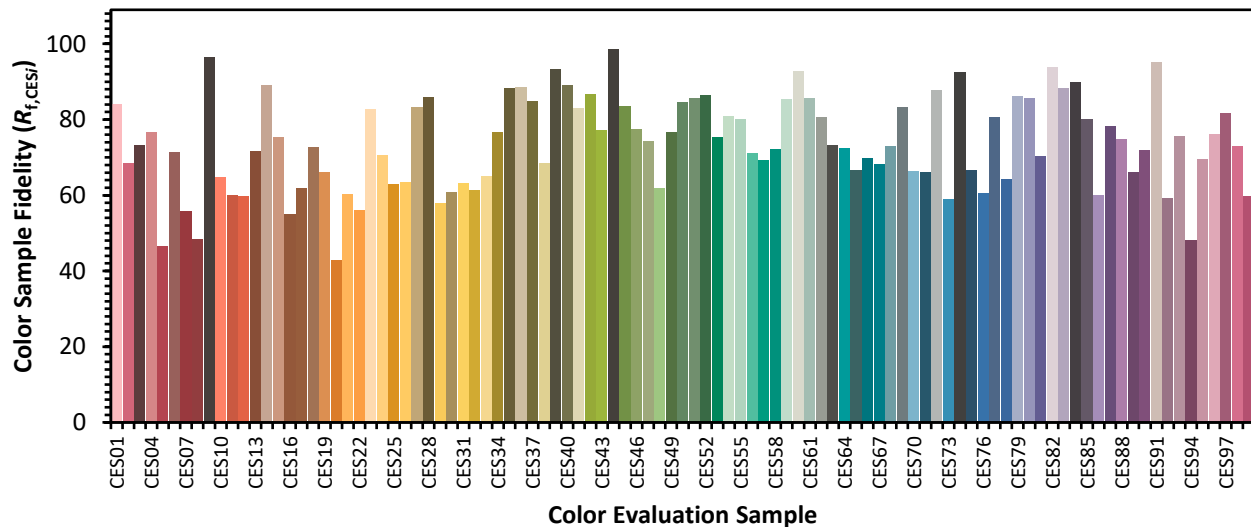


Color Vector Graphics

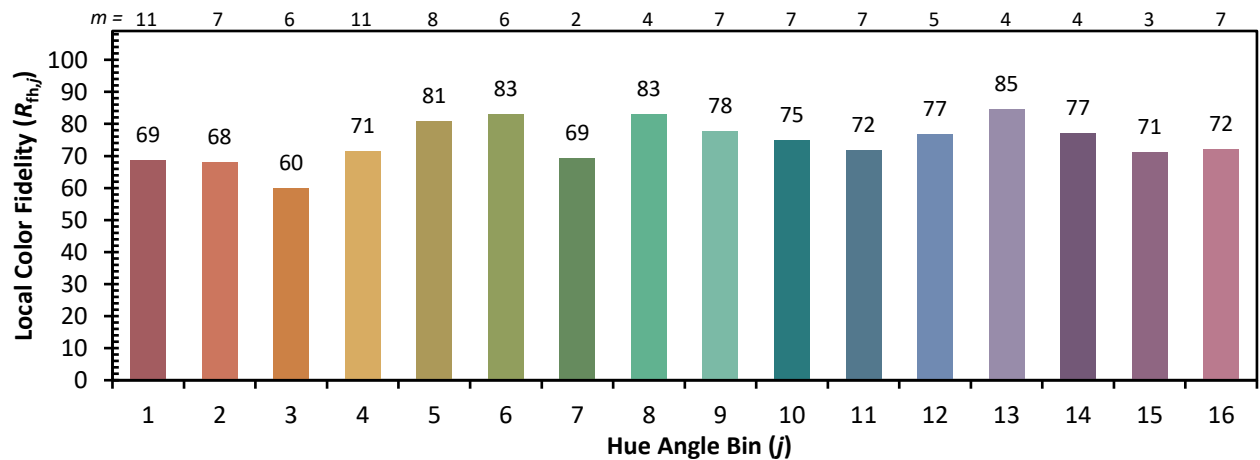
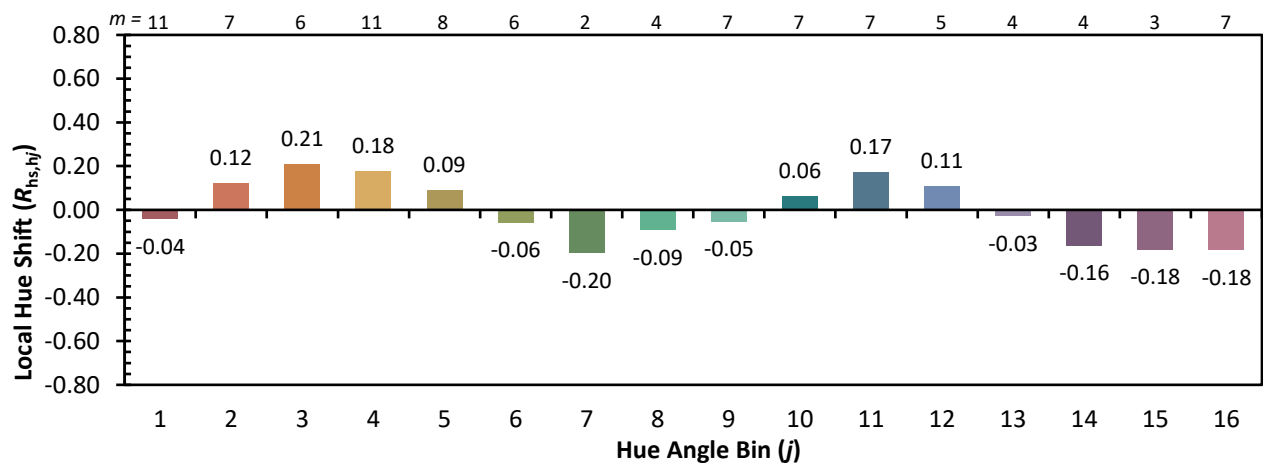
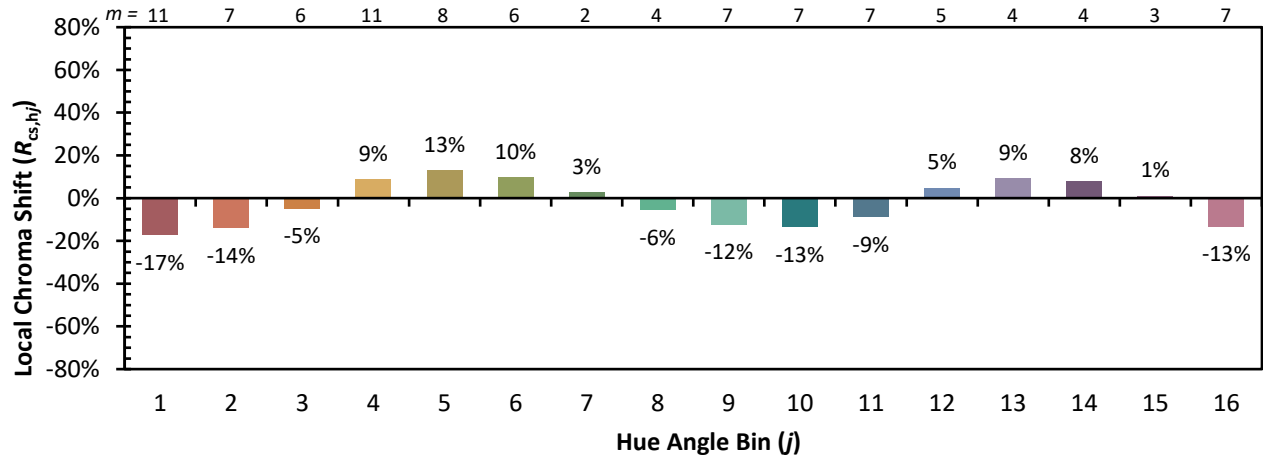


Individual Sample Fidelity Index ($R_{f,i}$)

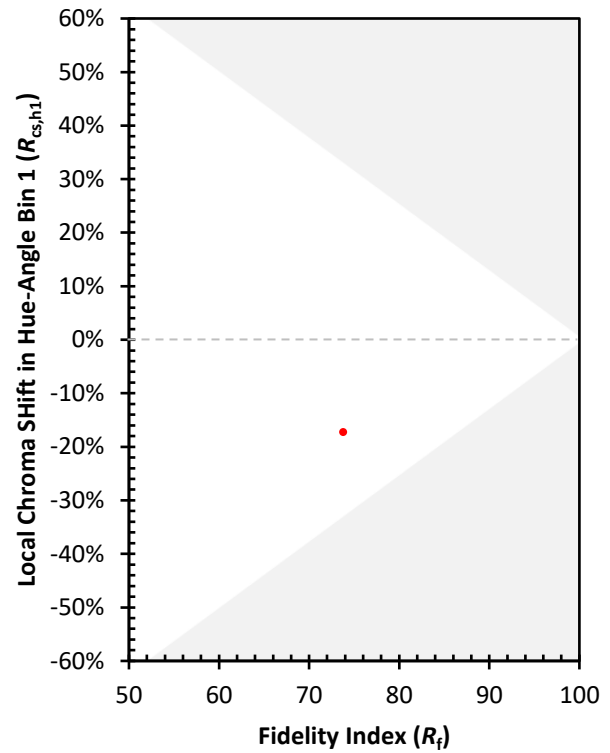
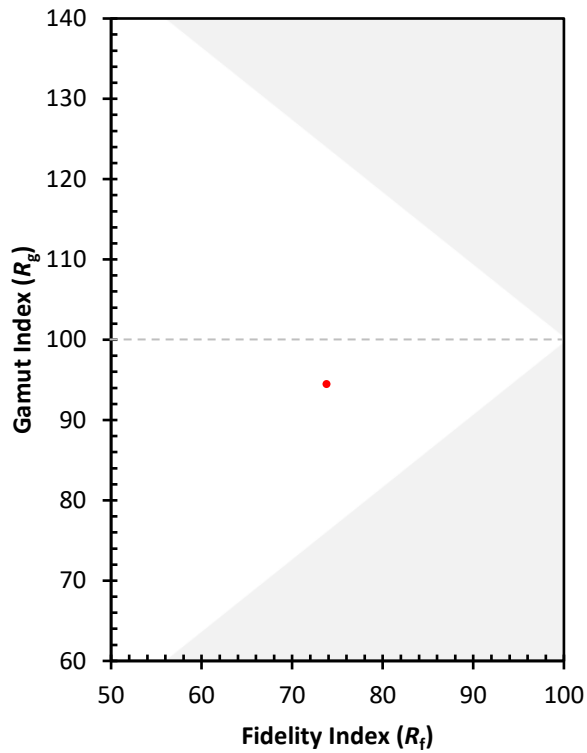
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)