

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: P1063986

Luminaire Tested: **GLAN-SA2B-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063986
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2B-730-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9016.9 lumens
Efficiency: N/A
Efficacy: 123.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 72.8
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

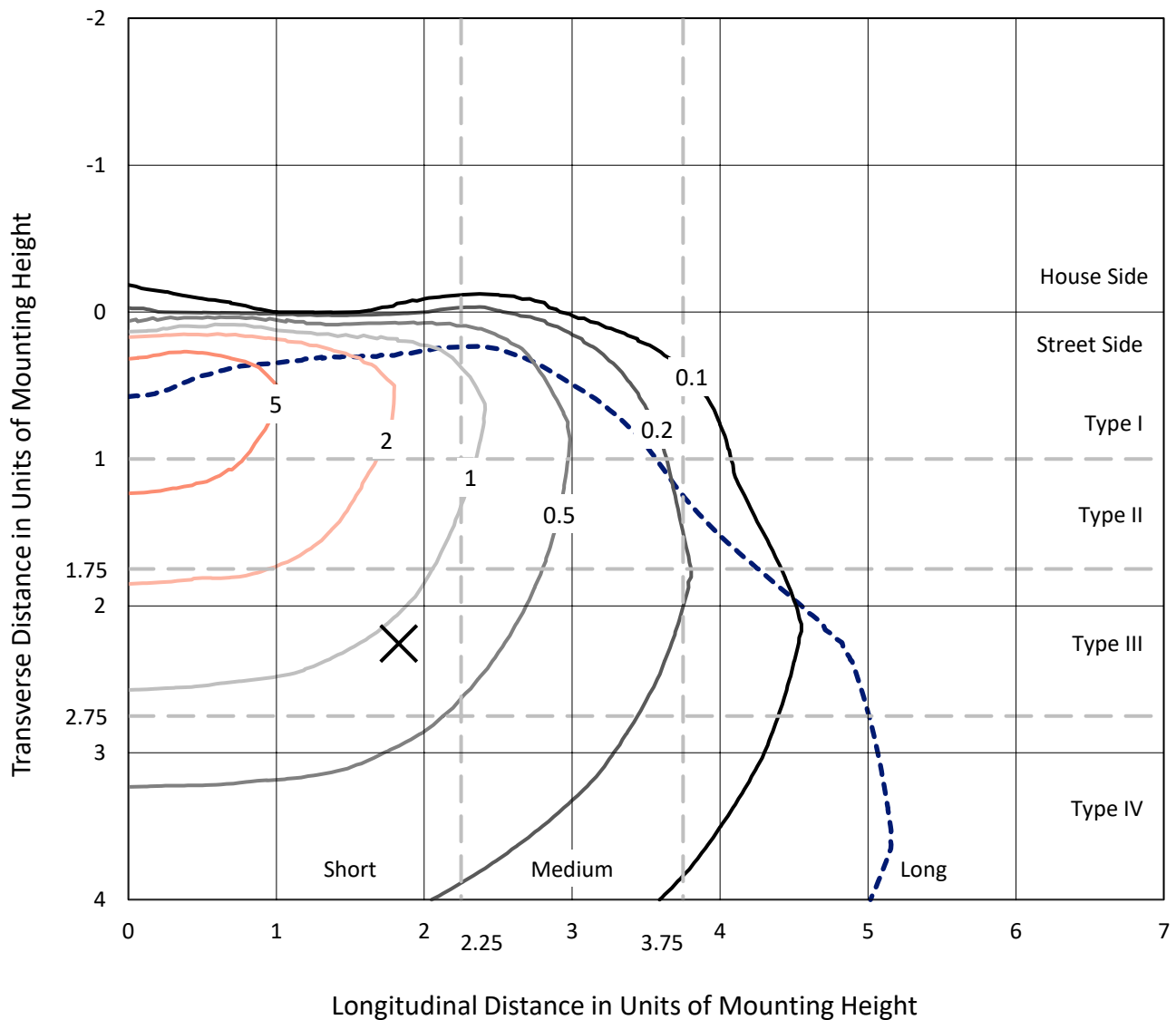


REPORT NUMBER: P1063986

CATALOG NUMBER: GLAN-SA2B-730-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

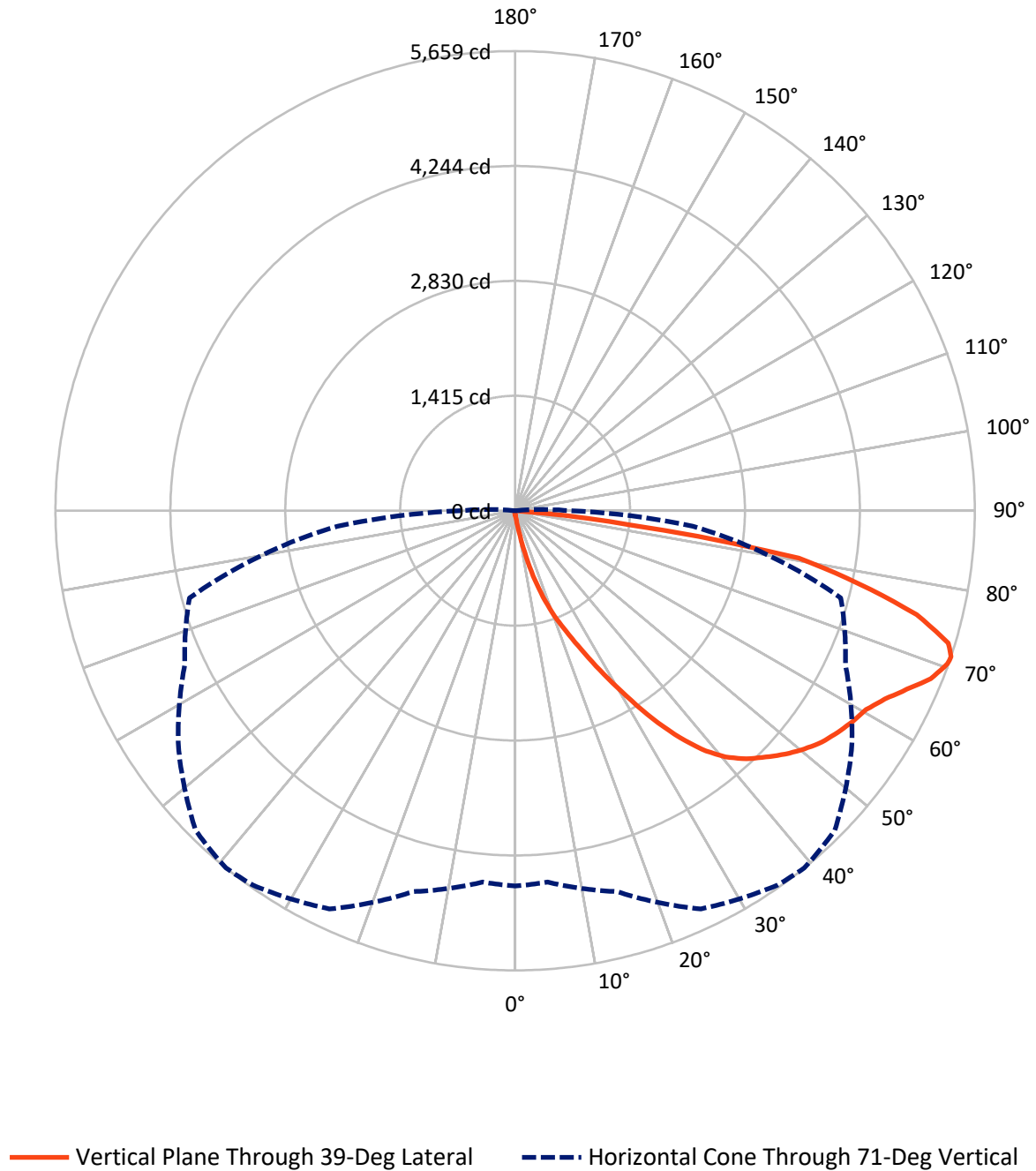


Based on 15 foot mounting height. Maximum calculated value = 9.3 fc
 Type IV - Short - N/A

REPORT NUMBER: P1063986

CATALOG NUMBER: GLAN-SA2B-730-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1063986

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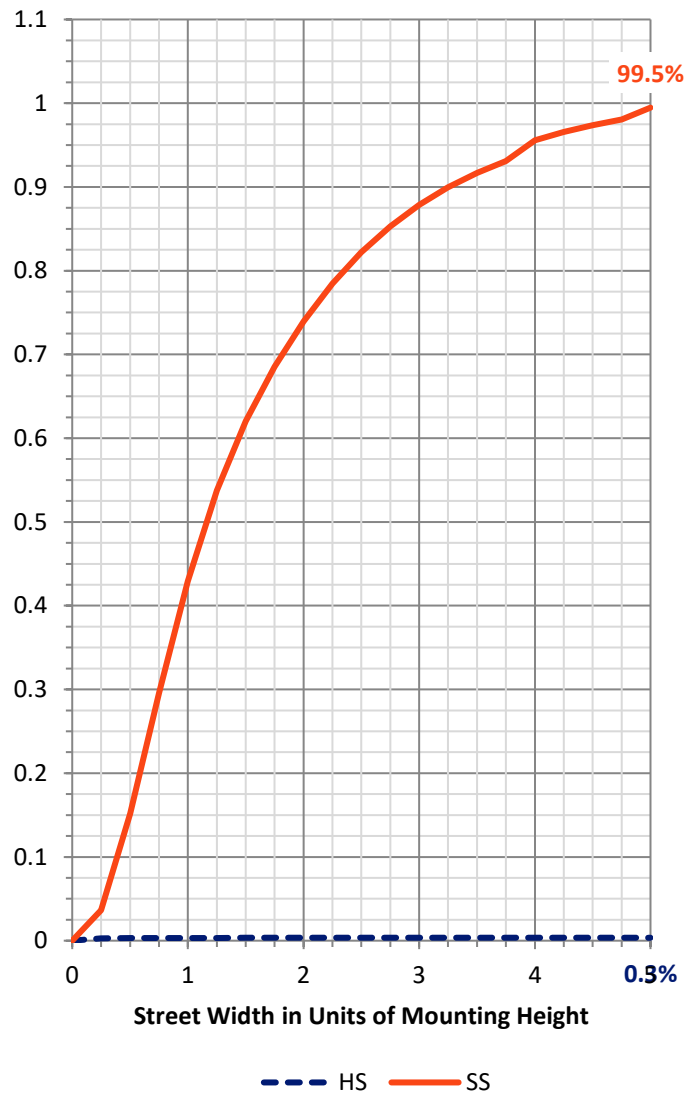
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	32.0	0.0	32.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8984.8	0.0	8984.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	9016.9	0.0	9016.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.5	0.1
10°-20°	96.4	1.1
20°-30°	343.2	3.8
30°-40°	827.2	9.2
40°-50°	1384.3	15.4
50°-60°	1778.0	19.7
60°-70°	2250.1	25.0
70°-80°	2006.0	22.2
80°-90°	324.3	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°	9016.9	100.0
0°-180°	9016.9	100.0



REPORT NUMBER: P1063986

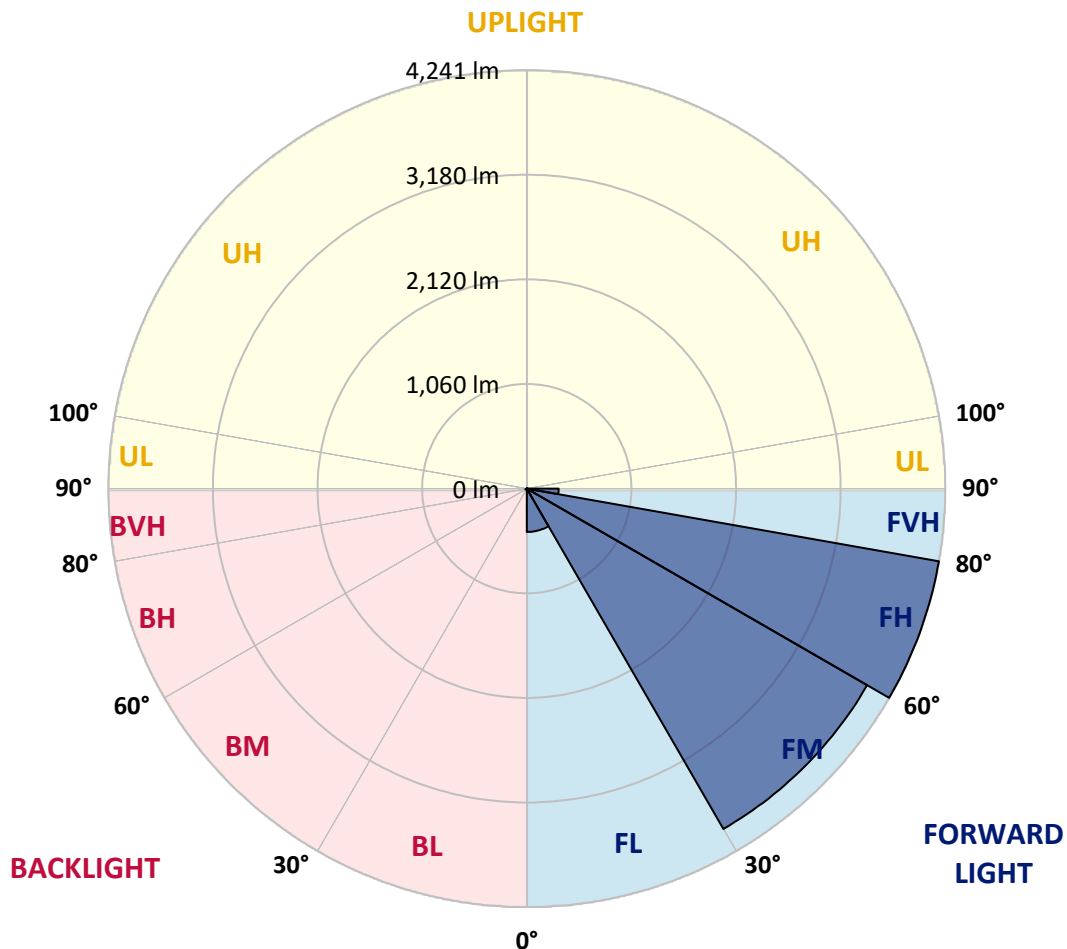
CATALOG NUMBER: GLAN-SA2B-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	439.4	4.9			
FM	(30°-60°)	3982.0	44.2			
FH	(60°-80°)	4240.7	47.0			G2/5000
FVH	(80°-90°)	322.8	3.6			G3/500
BL	(0°-30°)	7.7	0.1	B0/110		
BM	(30°-60°)	7.4	0.1	B0/220		
BH	(60°-80°)	15.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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 IV Short





REPORT NUMBER: P1063986

CATALOG NUMBER: GLAN-SA2B-730-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	56.8	56.8	56.8	54.9	54.9	54.3	53.7	53.7	52.5	51.9	50.7
5°	86.1	84.2	80.0	77.5	72.6	69.6	66.5	62.3	58.0	54.9	51.3
7.5°	194.7	199.0	184.9	158.7	131.8	120.2	100.7	81.2	67.1	58.0	51.9
10°	496.3	493.8	446.2	393.7	304.0	268.0	210.0	132.5	86.7	63.5	52.5
12.5°	844.2	841.7	785.6	714.2	595.7	520.7	410.8	247.2	124.5	72.0	52.5
15°	1136.6	1126.8	1109.1	1038.3	899.7	836.9	691.6	437.0	201.4	86.7	53.7
17.5°	1330.1	1321.5	1305.0	1279.4	1191.5	1117.0	1000.4	686.7	326.0	112.3	56.2
20°	1507.7	1501.6	1488.1	1483.3	1426.5	1386.8	1290.4	973.6	507.8	152.6	59.8
22.5°	1751.8	1739.0	1744.5	1715.2	1659.7	1612.1	1552.8	1273.9	730.0	219.7	66.5
25°	2050.9	2044.8	2029.6	2008.8	1931.9	1890.4	1799.4	1557.1	978.5	307.6	73.9
27.5°	2412.3	2405.6	2401.9	2354.3	2265.8	2220.6	2093.7	1824.5	1258.0	430.9	83.6
30°	2828.6	2831.6	2807.8	2746.8	2643.6	2580.1	2449.5	2104.6	1544.3	575.6	94.0
32.5°	3259.5	3253.4	3216.8	3144.8	3052.6	2993.4	2827.4	2411.7	1844.6	766.7	106.2
35°	3724.0	3712.4	3616.0	3533.6	3454.8	3380.4	3229.0	2768.1	2144.9	980.9	122.7
37.5°	4192.8	4138.5	3945.0	3840.6	3786.3	3725.2	3584.2	3148.4	2443.4	1220.2	142.8
40°	4546.8	4504.7	4275.2	4082.9	4039.6	3987.7	3882.7	3476.8	2760.8	1477.2	167.2
42.5°	4742.8	4719.6	4513.3	4323.4	4221.5	4175.7	4086.0	3763.7	3074.6	1761.0	202.7
45°	4826.4	4790.4	4652.4	4563.9	4401.6	4325.9	4219.1	3980.4	3402.3	2083.3	252.1
47.5°	4800.8	4780.0	4681.1	4713.5	4595.7	4477.9	4321.0	4146.4	3682.5	2453.2	319.8
50°	4639.6	4621.9	4591.4	4766.6	4751.9	4612.8	4452.8	4277.7	3911.4	2834.7	424.8
52.5°	4333.2	4325.9	4404.0	4725.1	4840.4	4731.8	4579.8	4393.6	4125.1	3233.3	575.0
55°	3938.3	3968.2	4191.6	4660.4	4885.6	4819.7	4692.1	4502.3	4296.6	3589.7	796.6
57.5°	3775.9	3783.8	4062.8	4614.6	4905.7	4897.2	4801.4	4606.0	4454.1	3874.8	1134.7
60°	3965.7	3953.5	4100.6	4649.4	4946.0	4966.8	4898.4	4702.5	4590.8	4119.6	1585.2
62.5°	4308.8	4302.1	4349.1	4797.7	5063.8	5106.0	5033.3	4772.1	4711.6	4280.7	2099.1
65°	4615.2	4601.2	4688.4	5060.8	5270.8	5300.7	5237.2	4891.1	4764.7	4397.9	2582.0
67.5°	4747.7	4744.6	4885.0	5311.1	5488.1	5520.4	5464.9	5055.3	4752.5	4435.1	2795.0
70°	4687.2	4675.6	4900.3	5417.3	5610.8	5647.4	5593.7	5116.3	4620.1	4317.3	2479.4
71°	4620.7	4589.6	4854.5	5409.9	5627.8	5659.0	5565.0	5060.8	4487.0	4150.1	2193.2
72.5°	4414.4	4419.9	4728.7	5333.6	5586.9	5577.8	5402.6	4861.8	4326.5	3770.4	1761.6
75°	3906.5	3938.9	4321.6	5013.2	5221.9	5105.3	4837.4	4481.5	4004.2	2703.4	1223.2
77.5°	3192.4	3240.6	3661.2	4396.7	4337.5	4325.9	4314.9	3948.6	3419.4	1452.1	850.9
80°	1524.2	1628.5	2208.4	3138.7	3409.7	3540.9	3458.5	3182.0	2644.2	691.6	508.5
82.5°	99.5	98.3	139.2	263.7	1111.5	1436.9	2282.9	2274.3	1843.4	336.9	207.5
85°	47.0	48.2	53.1	60.4	70.2	76.9	106.2	622.6	882.0	160.5	45.2
87.5°	27.5	28.1	33.0	42.1	54.9	61.0	72.6	93.4	114.8	88.5	9.8
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: P1063986

CATALOG NUMBER: GLAN-SA2B-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
2.5°	50.1	49.4	47.6	45.8	43.9	42.7	42.1	42.7	42.7	43.3	43.3
5°	50.1	48.2	45.2	41.5	39.1	36.6	35.4	34.8	35.4	35.4	35.4
7.5°	49.4	46.4	42.1	37.8	34.8	31.7	30.5	29.9	29.9	30.5	30.5
10°	48.2	45.2	39.7	34.8	31.1	27.5	25.6	23.8	23.8	23.8	24.4
12.5°	47.6	43.3	36.6	31.7	26.9	22.6	18.9	17.1	17.7	17.7	17.7
15°	46.4	41.5	34.8	28.7	22.6	17.1	14.0	12.2	12.8	13.4	12.8
17.5°	46.4	40.9	32.4	25.0	17.7	12.8	10.4	9.2	9.2	9.8	9.8
20°	46.4	39.7	30.5	21.4	13.4	9.8	7.3	6.7	6.7	7.9	8.5
22.5°	47.6	39.7	28.1	17.7	11.0	7.3	5.5	4.9	5.5	6.7	7.3
25°	49.4	39.1	25.6	15.9	9.2	5.5	4.3	3.1	3.7	4.9	5.5
27.5°	51.3	38.5	23.2	14.0	7.3	4.3	3.1	2.4	1.8	2.4	2.4
30°	53.1	38.5	20.8	11.6	6.1	3.1	1.8	1.2	0.6	0.0	0.0
32.5°	54.3	37.2	18.9	9.2	4.9	2.4	1.2	0.6	0.0	0.0	0.0
35°	55.5	36.0	16.5	7.3	3.7	1.8	0.6	0.0	0.0	0.0	0.0
37.5°	56.8	34.2	14.0	6.1	3.1	1.2	0.0	0.0	0.0	0.0	0.0
40°	58.0	31.7	11.6	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	59.2	29.9	9.8	4.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	62.3	28.7	7.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	67.8	27.5	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	75.7	26.2	6.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	86.7	25.6	6.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	106.2	25.0	5.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	139.8	24.4	5.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	214.2	23.2	5.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	382.7	22.6	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	667.2	23.2	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	956.5	24.4	4.3	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	818.5	21.4	4.3	2.4	1.2	0.6	0.0	0.0	0.0	0.0	0.0
71°	667.2	18.9	4.3	2.4	1.2	0.6	0.6	0.0	0.0	0.0	0.0
72.5°	429.1	14.6	3.7	2.4	1.2	1.2	0.6	0.0	0.0	0.0	0.0
75°	181.3	12.2	3.7	2.4	1.8	1.2	1.2	0.6	0.0	0.0	0.0
77.5°	77.5	9.2	3.7	3.1	2.4	1.8	1.8	1.2	0.6	0.0	0.0
80°	29.3	7.3	4.3	3.7	3.1	3.1	2.4	1.2	0.6	0.0	0.0
82.5°	13.4	6.1	4.3	3.7	3.7	3.1	2.4	1.8	1.2	0.0	0.0
85°	8.5	5.5	4.3	3.7	3.7	3.1	3.1	1.8	1.2	0.0	0.0
87.5°	6.7	5.5	4.3	4.3	3.7	3.7	2.4	1.8	0.6	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

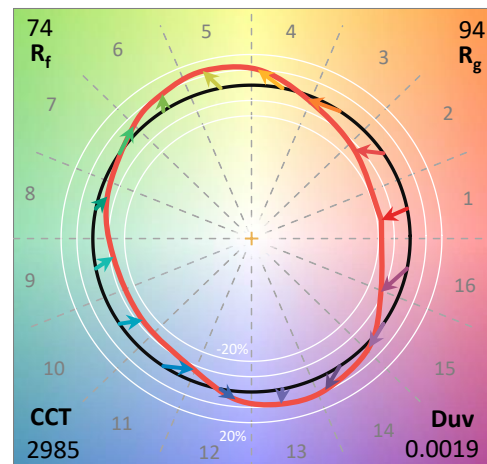
Test Information

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

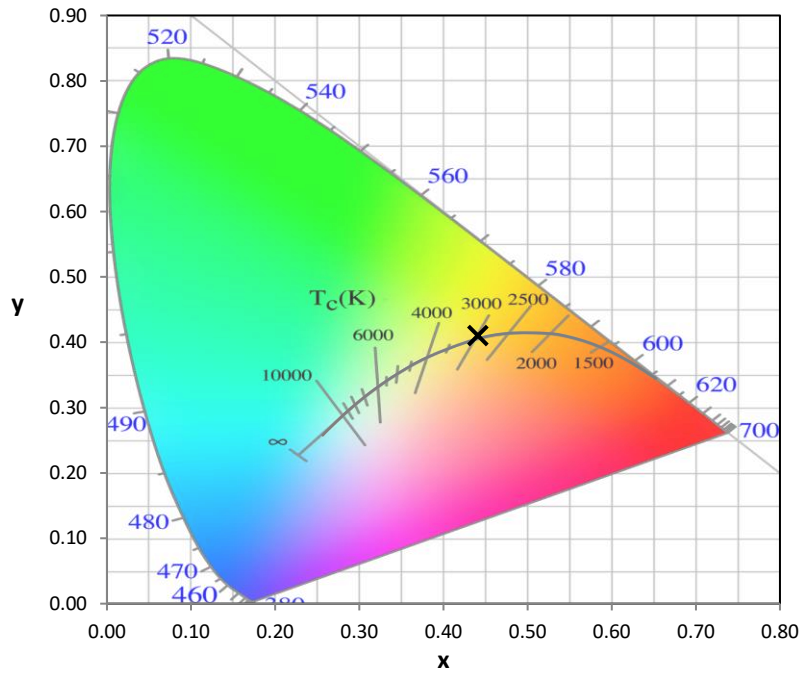
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

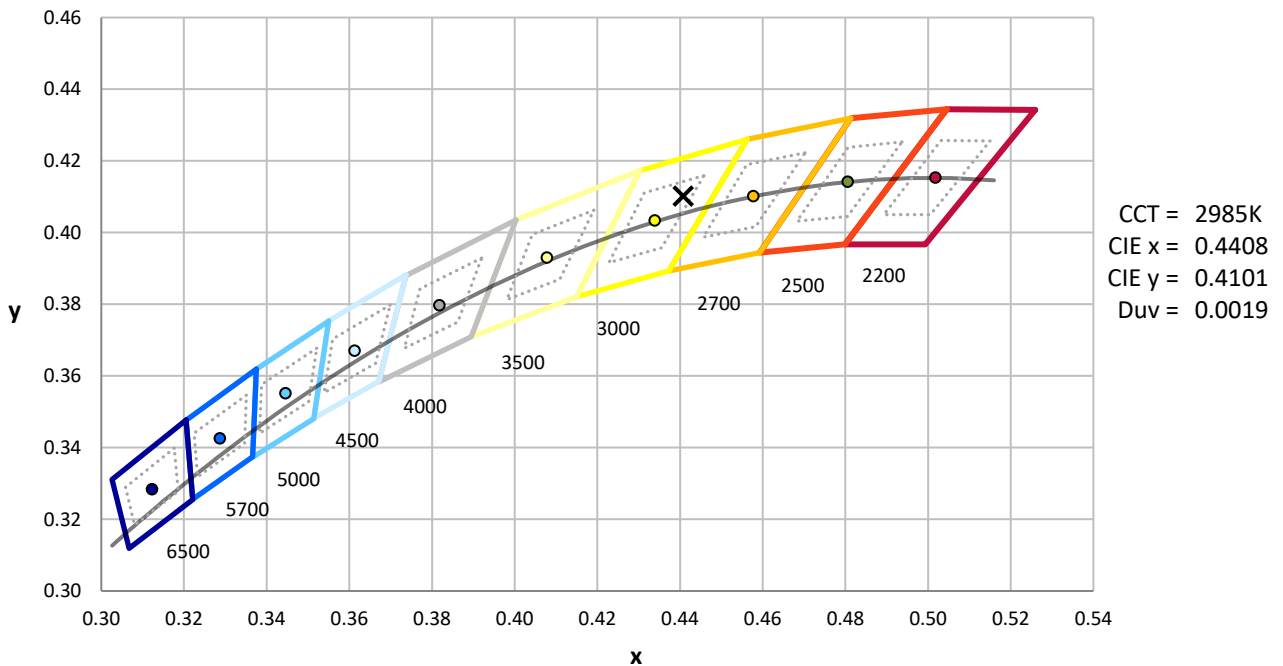
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



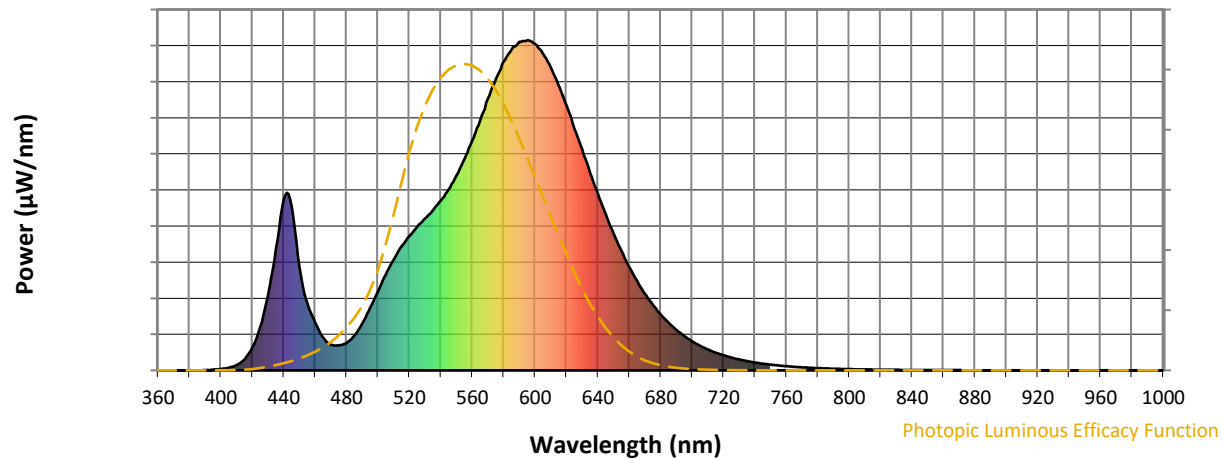
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

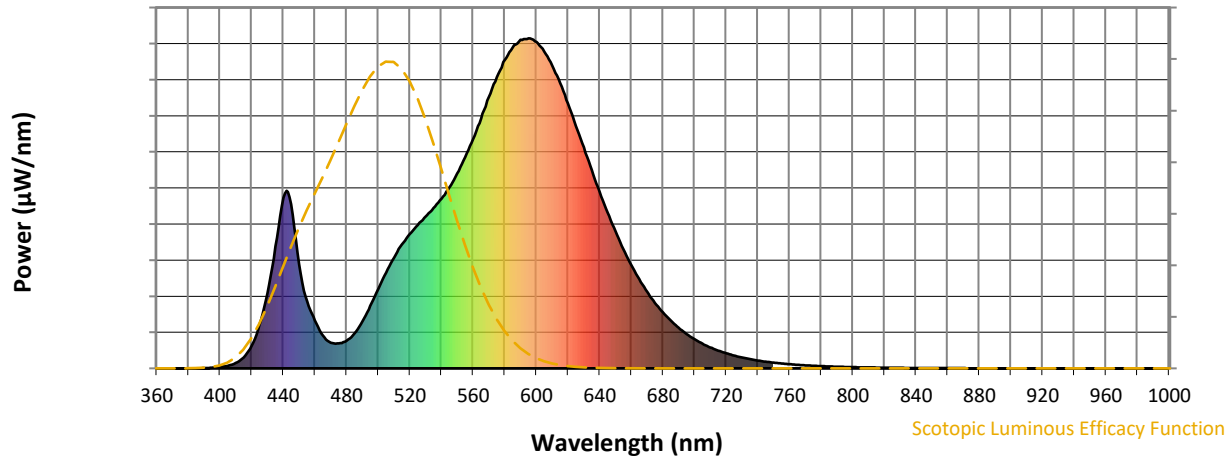


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



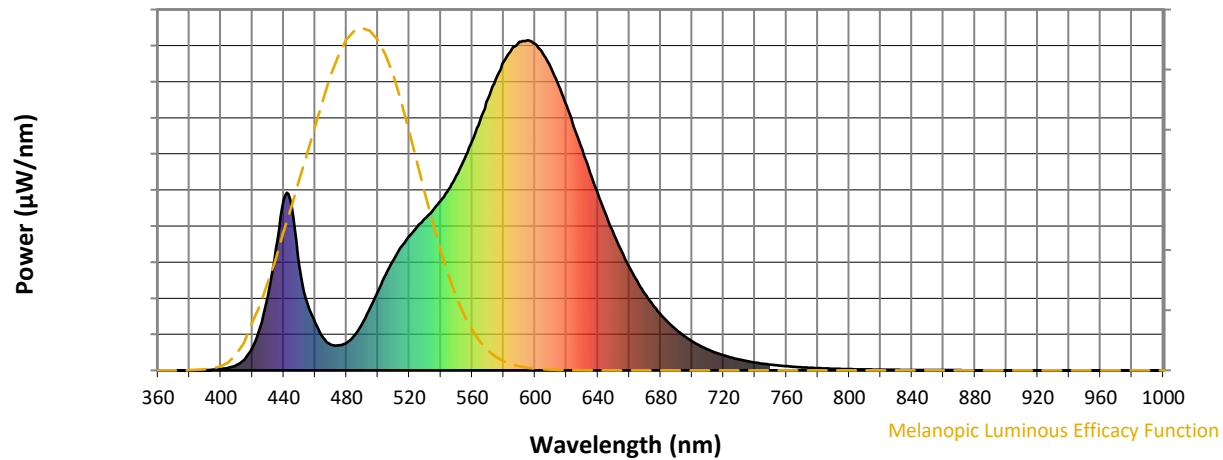
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

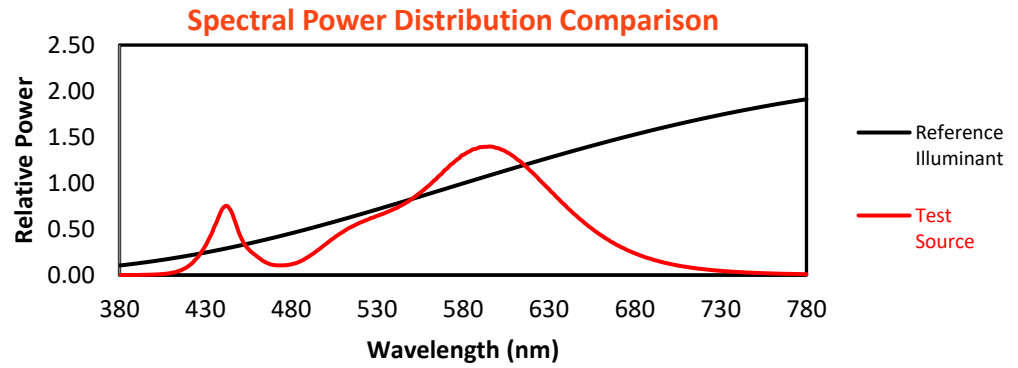
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

REPORT NUMBER: SP1-2407-184-4

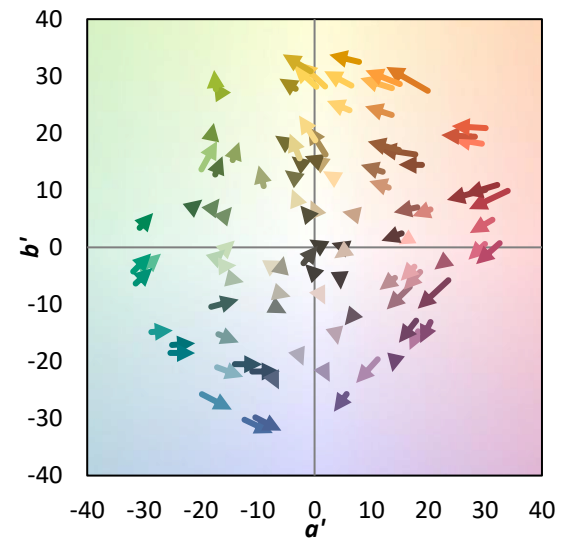
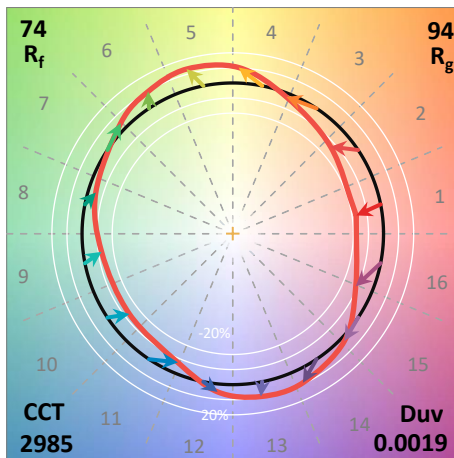
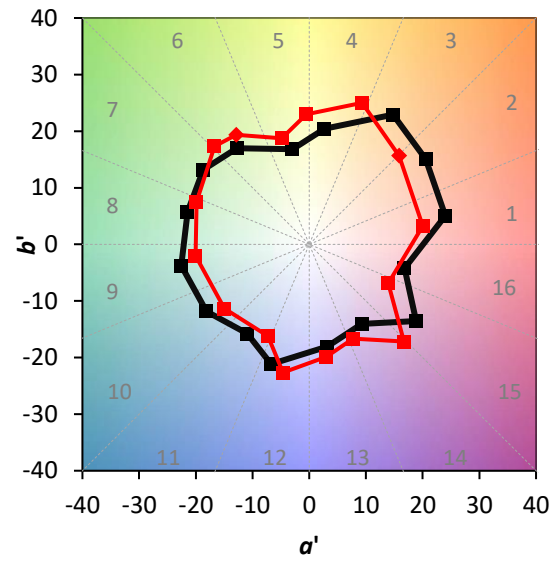
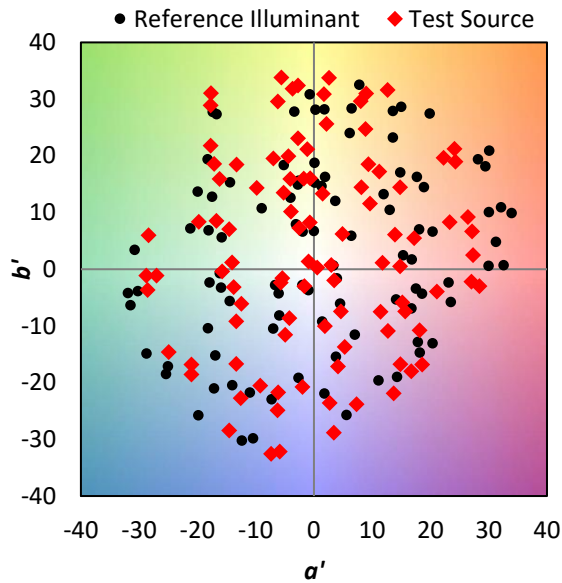
TM-30-18

Summary

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

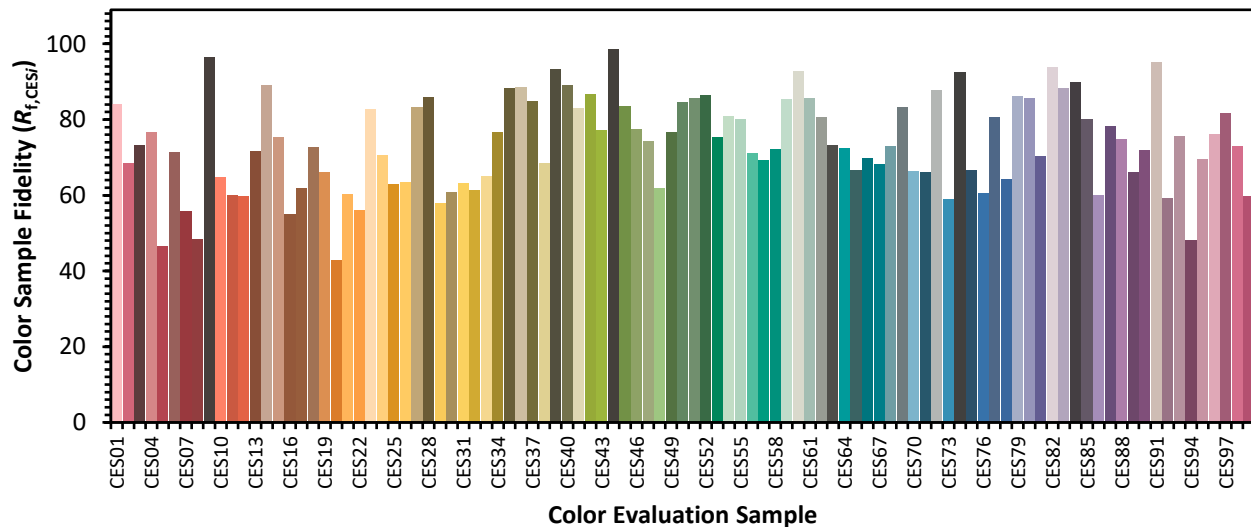


Color Vector Graphics

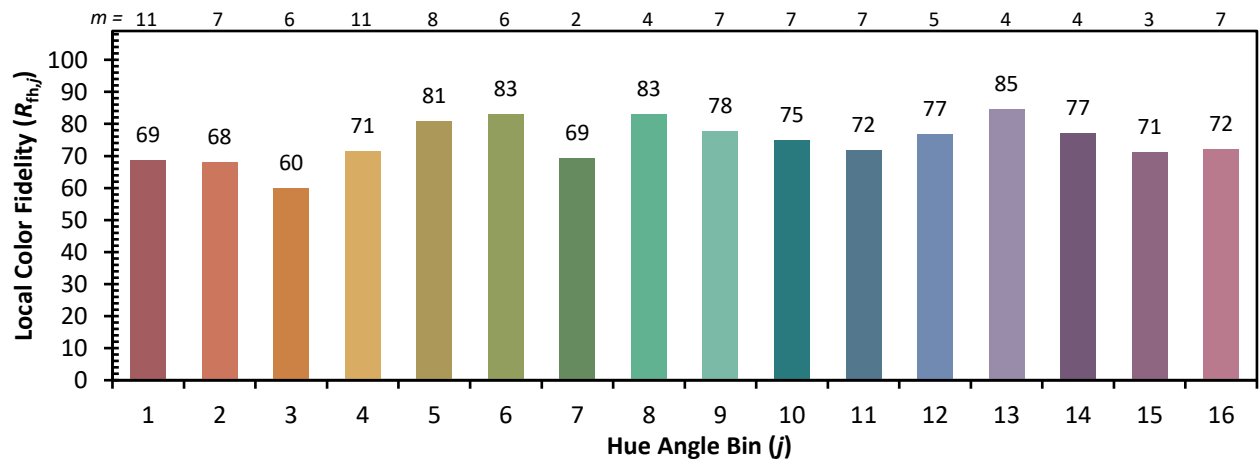
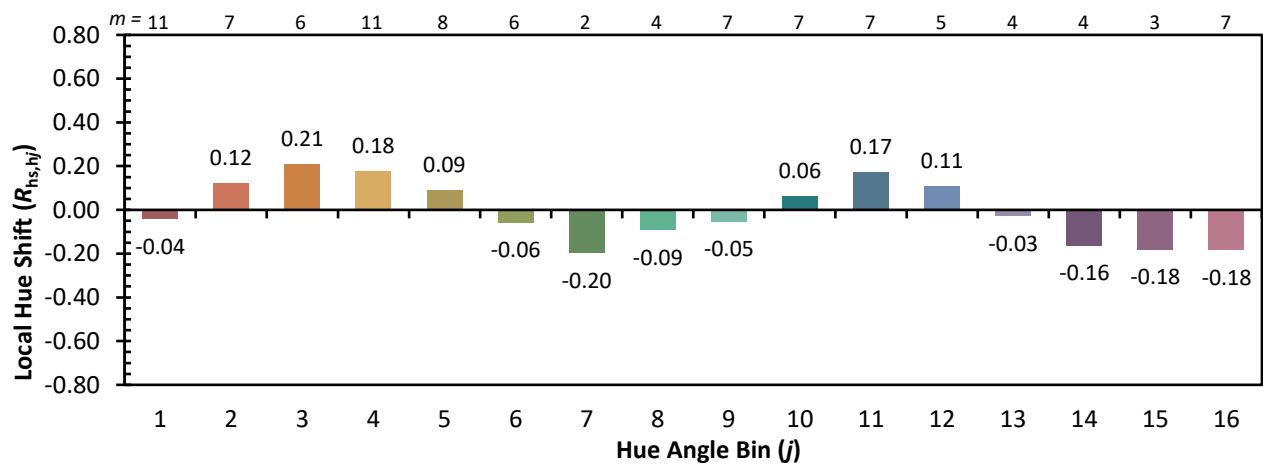
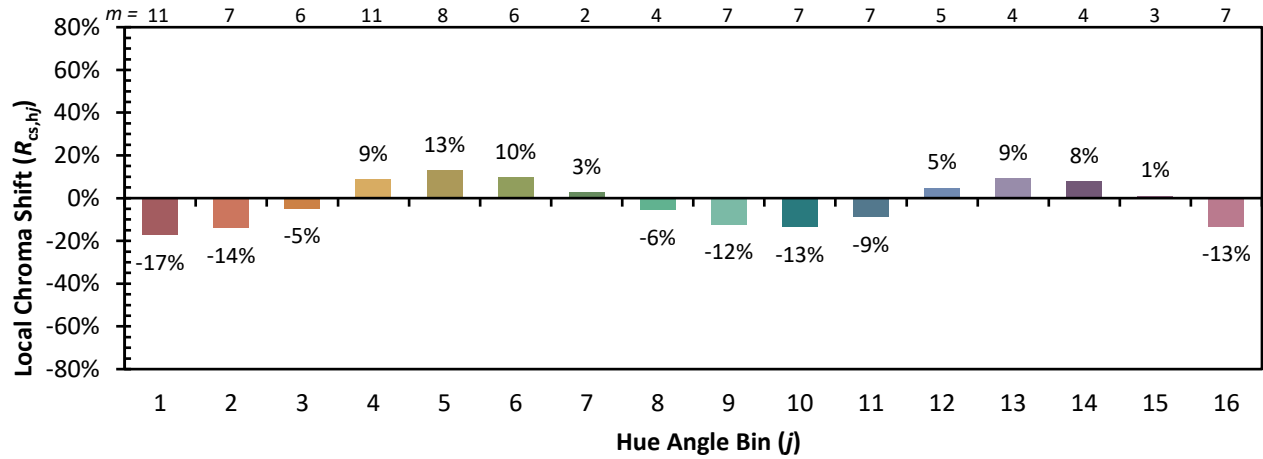


Individual Sample Fidelity Index ($R_{f,i}$)

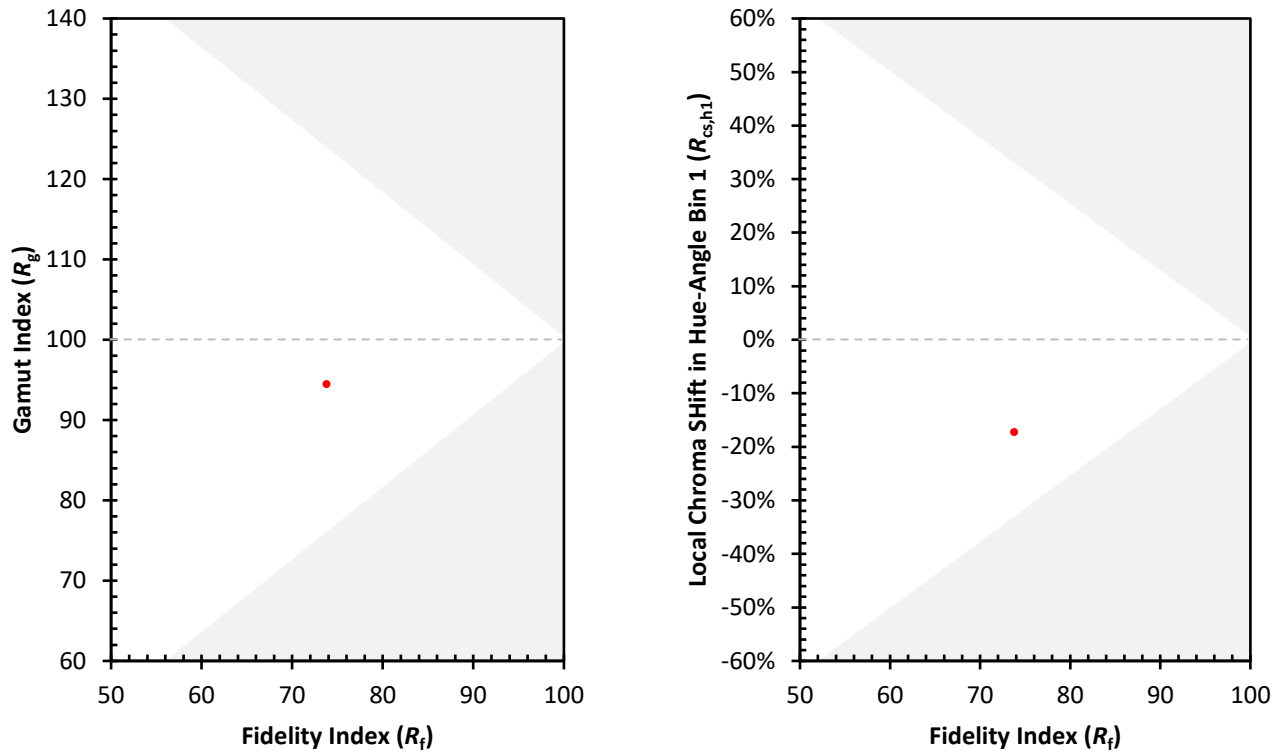
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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