

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: P1063989

Luminaire Tested: **GLAN-SA3A-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063989
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10806.4 lumens
Efficiency: N/A
Efficacy: 132.8 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): 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

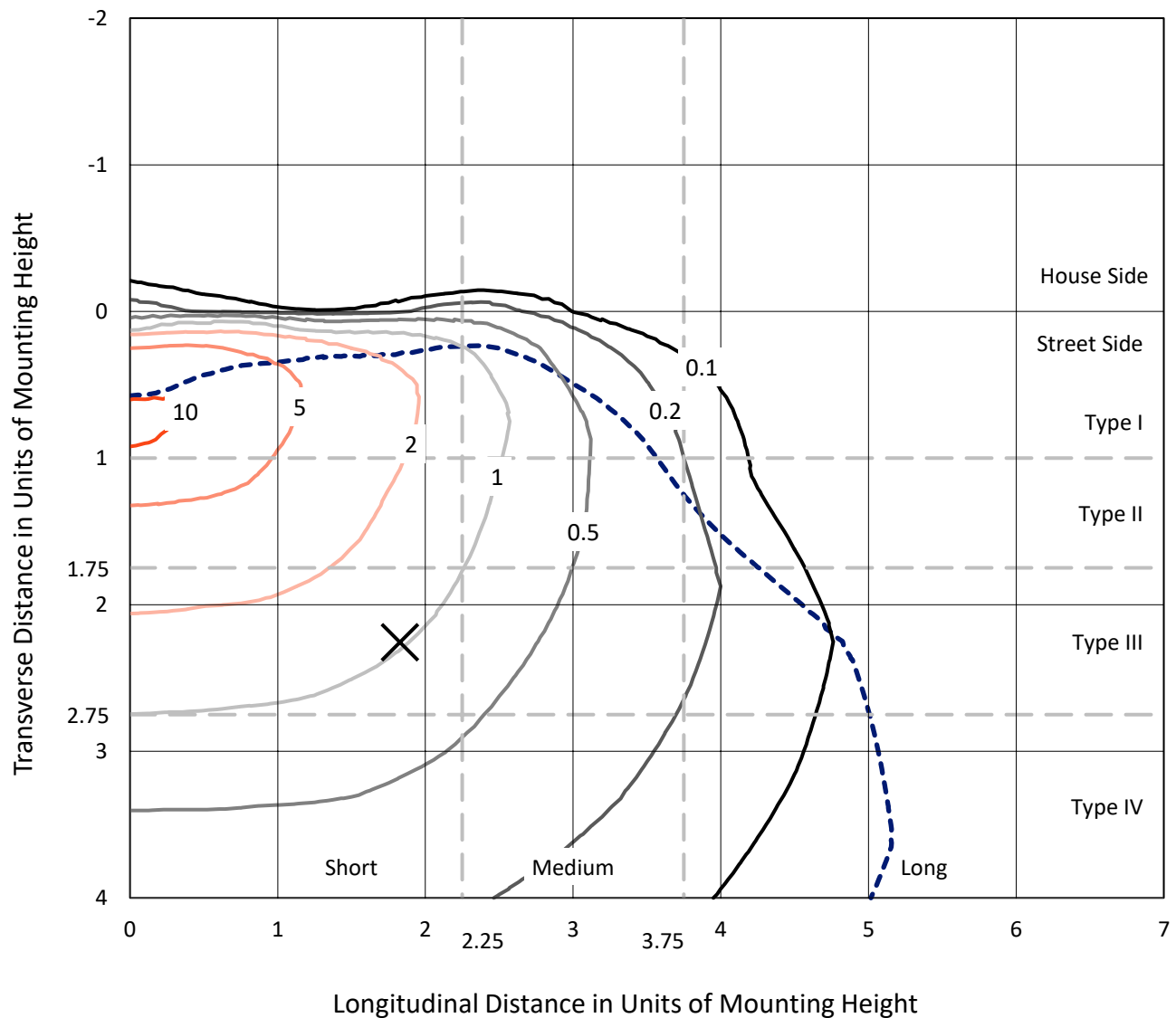


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

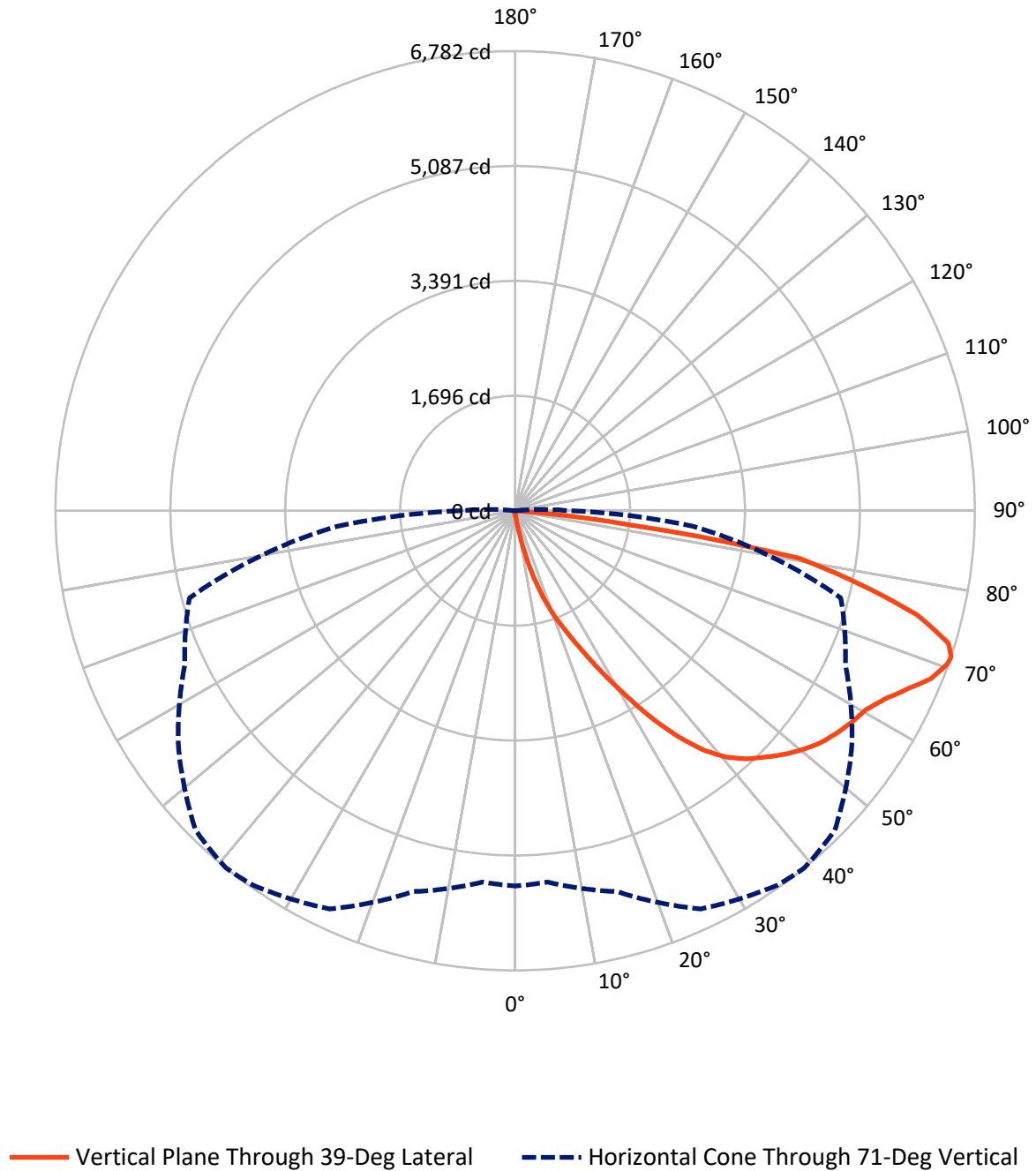


Based on 15 foot mounting height. Maximum calculated value = 11.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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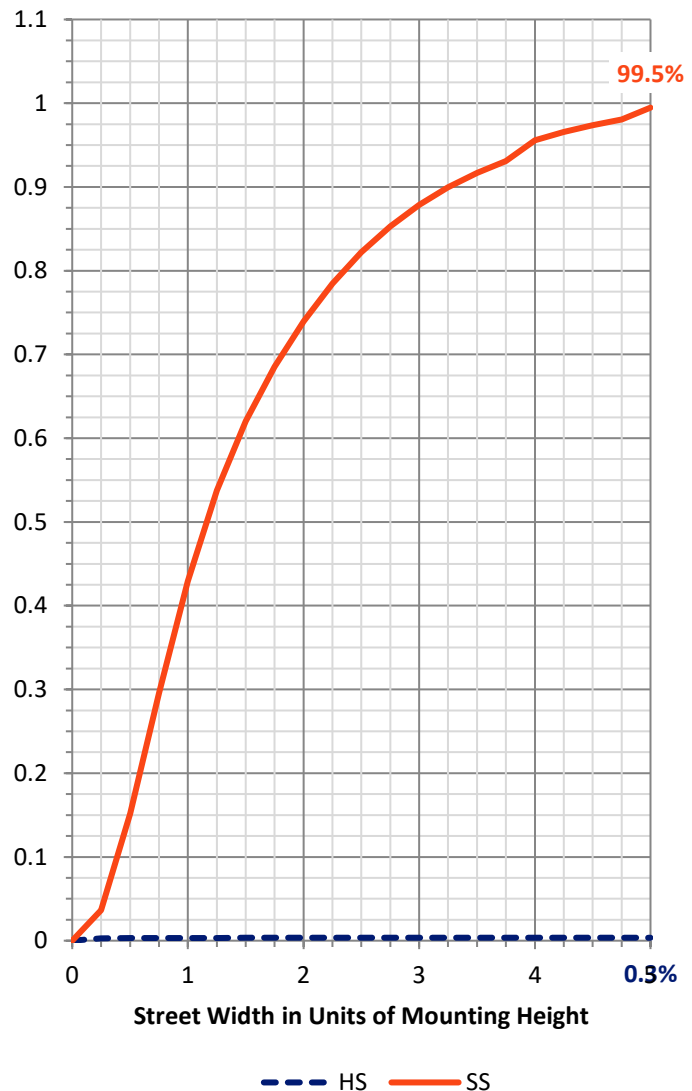
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	38.4	0.0	38.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10768.0	0.0	10768.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	10806.4	0.0	10806.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.0	0.1
10°-20°	115.5	1.1
20°-30°	411.3	3.8
30°-40°	991.3	9.2
40°-50°	1659.0	15.4
50°-60°	2130.8	19.7
60°-70°	2696.6	25.0
70°-80°	2404.1	22.2
80°-90°	388.6	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°	10806.4	100.0
0°-180°	10806.4	100.0



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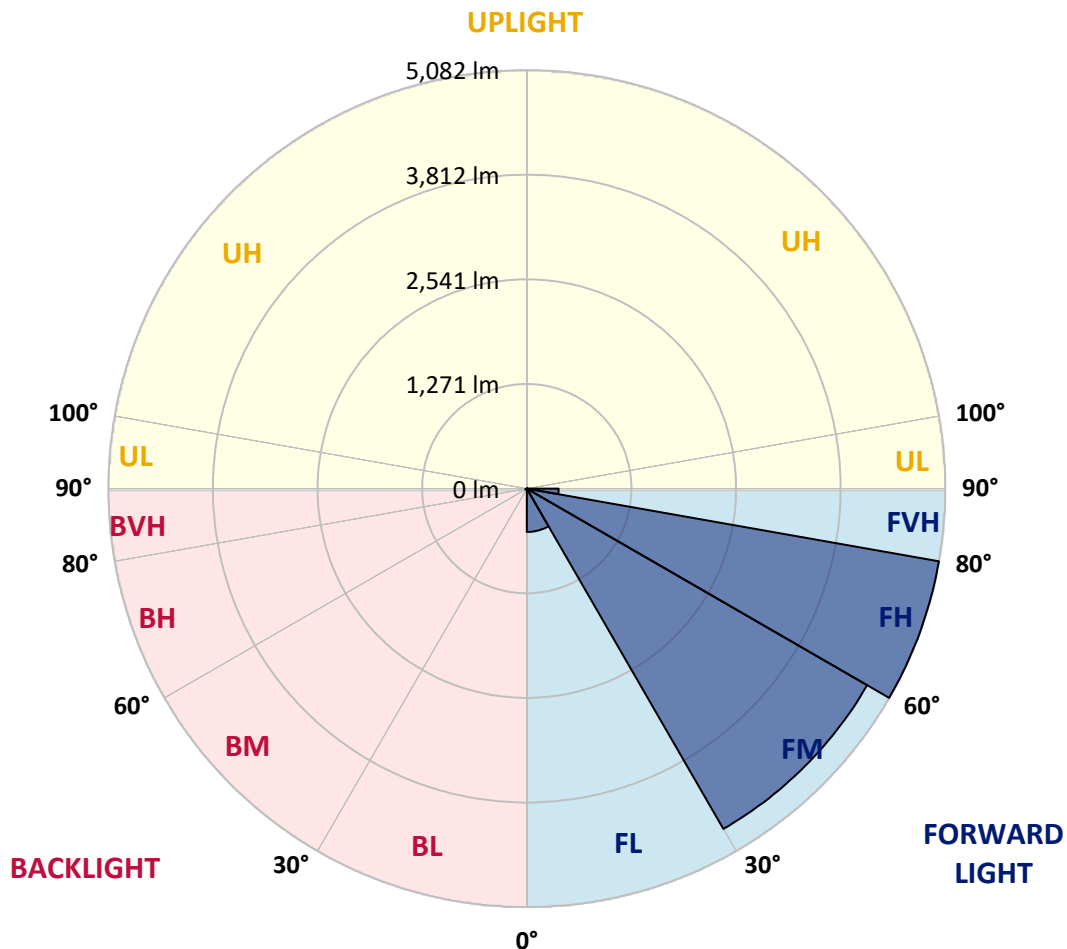
CATALOG NUMBER: GLAN-SA3A-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	526.6	4.9			
FM	(30°-60°)	4772.3	44.2			
FH	(60°-80°)	5082.2	47.0			G3/7500
FVH	(80°-90°)	386.8	3.6			G3/500
BL	(0°-30°)	9.3	0.1	B0/110		
BM	(30°-60°)	8.9	0.1	B0/220		
BH	(60°-80°)	18.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
2.5°	68.0	68.0	68.0	65.8	65.8	65.1	64.4	64.4	62.9	62.2	60.7
5°	103.1	101.0	95.8	92.9	87.1	83.4	79.7	74.6	69.5	65.8	61.4
7.5°	233.4	238.5	221.7	190.2	158.0	144.1	120.7	97.3	80.5	69.5	62.2
10°	594.7	591.8	534.8	471.8	364.3	321.1	251.6	158.7	103.9	76.1	62.9
12.5°	1011.7	1008.8	941.5	855.9	714.0	624.0	492.3	296.3	149.2	86.3	62.9
15°	1362.1	1350.4	1329.2	1244.3	1078.3	1002.9	828.8	523.8	241.4	103.9	64.4
17.5°	1594.0	1583.8	1564.0	1533.3	1428.0	1338.7	1199.0	823.0	390.6	134.6	67.3
20°	1806.9	1799.6	1783.5	1777.6	1709.6	1662.0	1546.5	1166.8	608.6	182.9	71.7
22.5°	2099.5	2084.1	2090.7	2055.6	1989.0	1932.0	1861.0	1526.7	874.9	263.4	79.7
25°	2458.0	2450.6	2432.3	2407.5	2315.3	2265.6	2156.6	1866.1	1172.6	368.7	88.5
27.5°	2891.0	2883.0	2878.6	2821.5	2715.5	2661.3	2509.2	2186.6	1507.7	516.5	100.2
30°	3389.9	3393.6	3365.1	3291.9	3168.3	3092.2	2935.6	2522.3	1850.8	689.8	112.7
32.5°	3906.4	3899.1	3855.2	3768.9	3658.4	3587.4	3388.5	2890.3	2210.7	918.8	127.3
35°	4463.1	4449.2	4333.6	4234.8	4140.5	4051.2	3869.8	3317.5	2570.6	1175.6	147.0
37.5°	5024.9	4959.8	4727.9	4602.8	4537.7	4464.5	4295.6	3773.2	2928.3	1462.3	171.2
40°	5449.2	5398.7	5123.7	4893.2	4841.3	4779.1	4653.3	4166.8	3308.7	1770.3	200.4
42.5°	5684.0	5656.2	5409.0	5181.5	5059.3	5004.4	4896.9	4510.6	3684.7	2110.5	242.9
45°	5784.2	5741.1	5575.7	5469.7	5275.1	5184.4	5056.4	4770.3	4077.6	2496.7	302.1
47.5°	5753.5	5728.6	5610.1	5648.9	5507.7	5366.5	5178.5	4969.3	4413.3	2940.0	383.3
50°	5560.4	5539.2	5502.6	5712.5	5695.0	5528.2	5336.5	5126.6	4687.7	3397.2	509.1
52.5°	5193.2	5184.4	5278.0	5662.8	5801.1	5670.8	5488.7	5265.6	4943.7	3874.9	689.1
55°	4719.9	4755.7	5023.4	5585.3	5855.2	5776.2	5623.3	5395.8	5149.3	4302.1	954.7
57.5°	4525.3	4534.8	4869.1	5530.4	5879.3	5869.1	5754.2	5520.2	5338.0	4643.8	1359.9
60°	4752.8	4738.1	4914.4	5572.1	5927.6	5952.5	5870.6	5635.7	5501.9	4937.1	1899.8
62.5°	5163.9	5155.8	5212.2	5749.9	6068.8	6119.3	6032.2	5719.1	5646.7	5130.2	2515.7
65°	5531.1	5514.3	5618.9	6065.1	6316.8	6352.6	6276.6	5861.8	5710.3	5270.7	3094.4
67.5°	5689.9	5686.2	5854.5	6365.1	6577.2	6616.0	6549.4	6058.6	5695.7	5315.3	3349.7
70°	5617.4	5603.5	5872.7	6492.4	6724.3	6768.1	6703.8	6131.7	5537.0	5174.1	2971.5
71°	5537.7	5500.4	5817.9	6483.6	6744.7	6782.0	6669.4	6065.1	5377.5	4973.7	2628.4
72.5°	5290.4	5297.0	5667.2	6392.1	6695.7	6684.8	6474.8	5826.7	5185.1	4518.7	2111.2
75°	4681.8	4720.6	5179.3	6008.1	6258.3	6118.5	5797.4	5370.9	4798.9	3240.0	1466.0
77.5°	3825.9	3883.7	4387.7	5269.2	5198.3	5184.4	5171.2	4732.3	4098.0	1740.3	1019.8
80°	1826.6	1951.7	2646.7	3761.5	4086.3	4243.6	4144.9	3813.5	3169.0	828.8	609.4
82.5°	119.2	117.8	166.8	316.0	1332.1	1722.0	2735.9	2725.7	2209.2	403.8	248.7
85°	56.3	57.8	63.6	72.4	84.1	92.2	127.3	746.2	1057.1	192.4	54.1
87.5°	32.9	33.7	39.5	50.5	65.8	73.2	87.1	111.9	137.5	106.1	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-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
2.5°	60.0	59.3	57.1	54.9	52.7	51.2	50.5	51.2	51.2	51.9	51.9
5°	60.0	57.8	54.1	49.7	46.8	43.9	42.4	41.7	42.4	42.4	42.4
7.5°	59.3	55.6	50.5	45.4	41.7	38.0	36.6	35.8	35.8	36.6	36.6
10°	57.8	54.1	47.5	41.7	37.3	32.9	30.7	28.5	28.5	28.5	29.3
12.5°	57.1	51.9	43.9	38.0	32.2	27.1	22.7	20.5	21.2	21.2	21.2
15°	55.6	49.7	41.7	34.4	27.1	20.5	16.8	14.6	15.4	16.1	15.4
17.5°	55.6	49.0	38.8	30.0	21.2	15.4	12.4	11.0	11.0	11.7	11.7
20°	55.6	47.5	36.6	25.6	16.1	11.7	8.8	8.0	8.0	9.5	10.2
22.5°	57.1	47.5	33.7	21.2	13.2	8.8	6.6	5.9	6.6	8.0	8.8
25°	59.3	46.8	30.7	19.0	11.0	6.6	5.1	3.7	4.4	5.9	6.6
27.5°	61.4	46.1	27.8	16.8	8.8	5.1	3.7	2.9	2.2	2.9	2.9
30°	63.6	46.1	24.9	13.9	7.3	3.7	2.2	1.5	0.7	0.0	0.0
32.5°	65.1	44.6	22.7	11.0	5.9	2.9	1.5	0.7	0.0	0.0	0.0
35°	66.6	43.2	19.8	8.8	4.4	2.2	0.7	0.0	0.0	0.0	0.0
37.5°	68.0	41.0	16.8	7.3	3.7	1.5	0.0	0.0	0.0	0.0	0.0
40°	69.5	38.0	13.9	6.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	71.0	35.8	11.7	5.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	74.6	34.4	9.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	81.2	32.9	8.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	90.7	31.5	8.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	103.9	30.7	7.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	127.3	30.0	6.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	167.5	29.3	6.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	256.8	27.8	6.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	458.7	27.1	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	799.6	27.8	5.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1146.3	29.3	5.1	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	981.0	25.6	5.1	2.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0
71°	799.6	22.7	5.1	2.9	1.5	0.7	0.7	0.0	0.0	0.0	0.0
72.5°	514.3	17.6	4.4	2.9	1.5	1.5	0.7	0.0	0.0	0.0	0.0
75°	217.3	14.6	4.4	2.9	2.2	1.5	1.5	0.7	0.0	0.0	0.0
77.5°	92.9	11.0	4.4	3.7	2.9	2.2	2.2	1.5	0.7	0.0	0.0
80°	35.1	8.8	5.1	4.4	3.7	3.7	2.9	1.5	0.7	0.0	0.0
82.5°	16.1	7.3	5.1	4.4	4.4	3.7	2.9	2.2	1.5	0.0	0.0
85°	10.2	6.6	5.1	4.4	4.4	3.7	3.7	2.2	1.5	0.0	0.0
87.5°	8.0	6.6	5.1	5.1	4.4	4.4	2.9	2.2	0.7	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

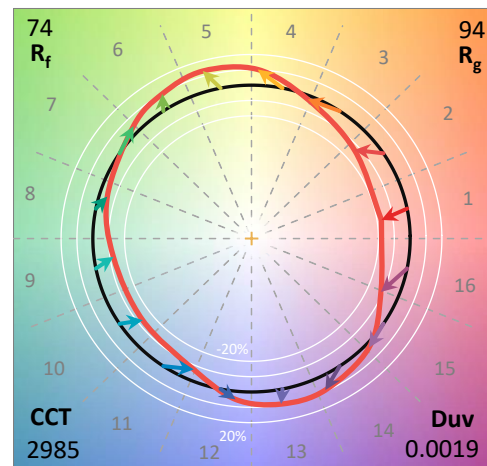
Test Information

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

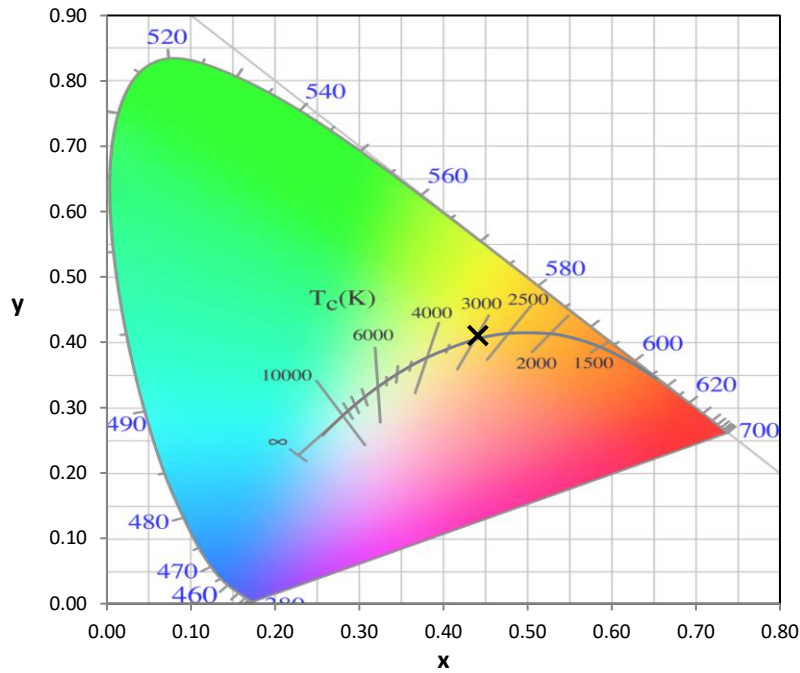
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

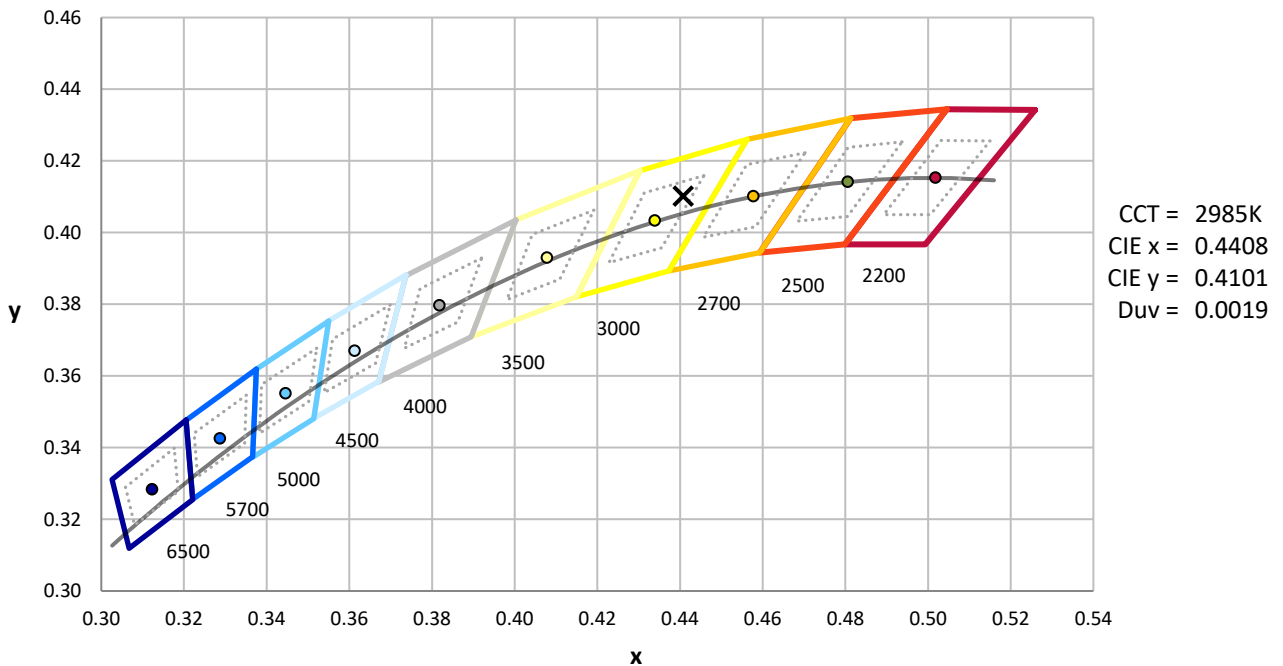
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



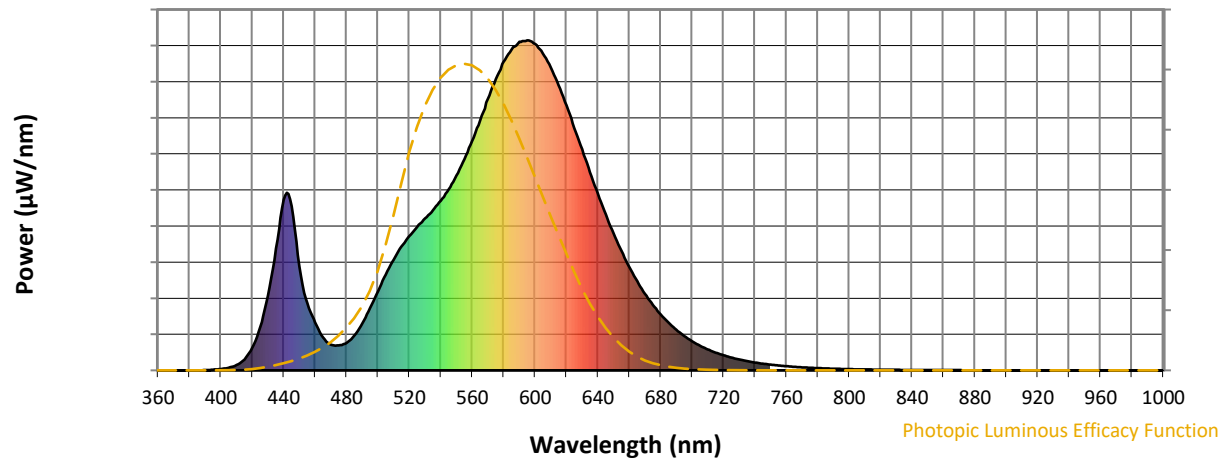
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

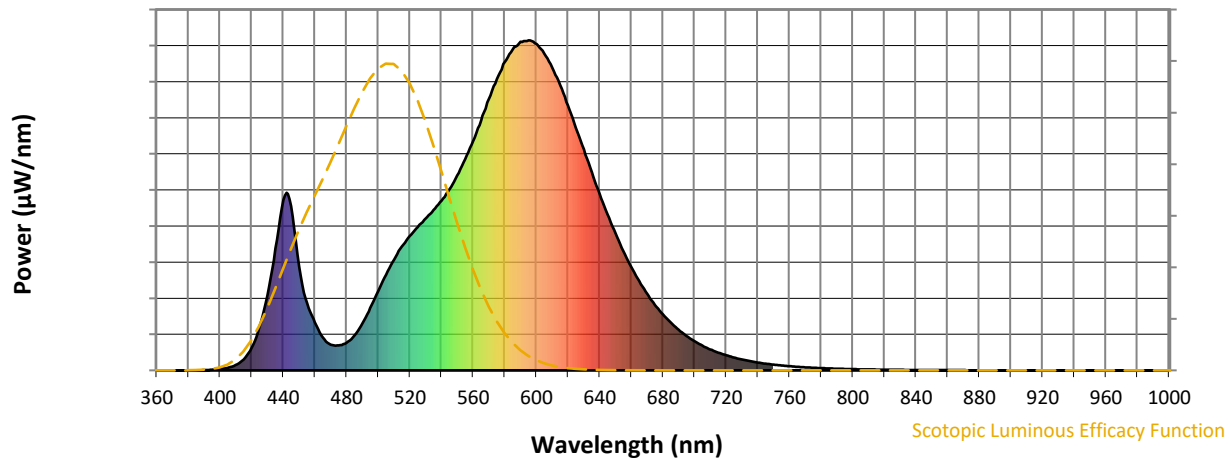


Photopic Lumens: NR

λ (nm)	Power 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



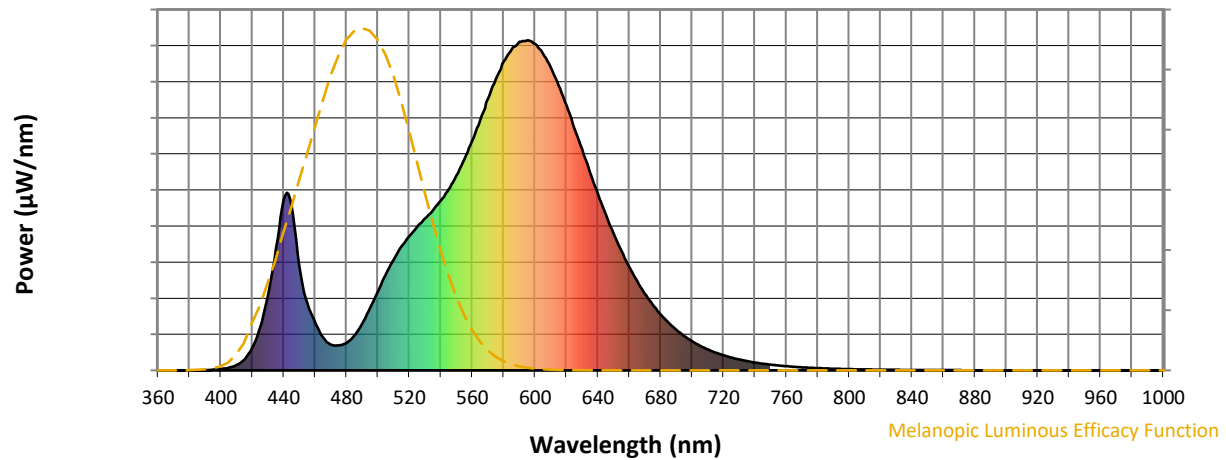
Scotopic Lumens: NR

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

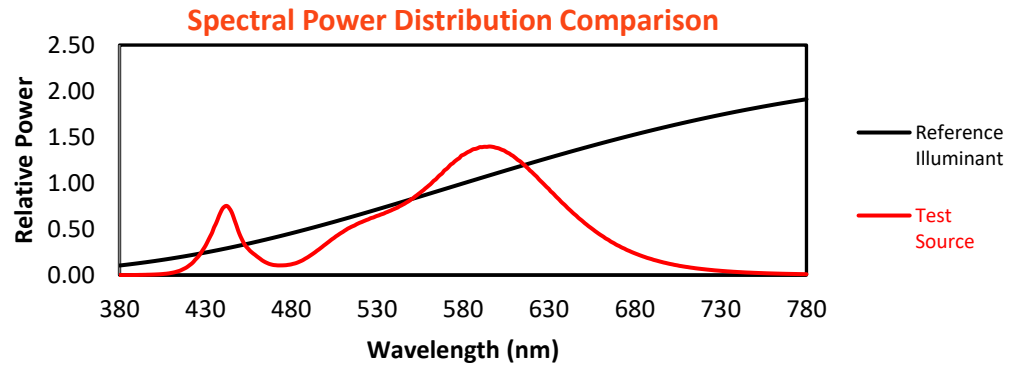
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	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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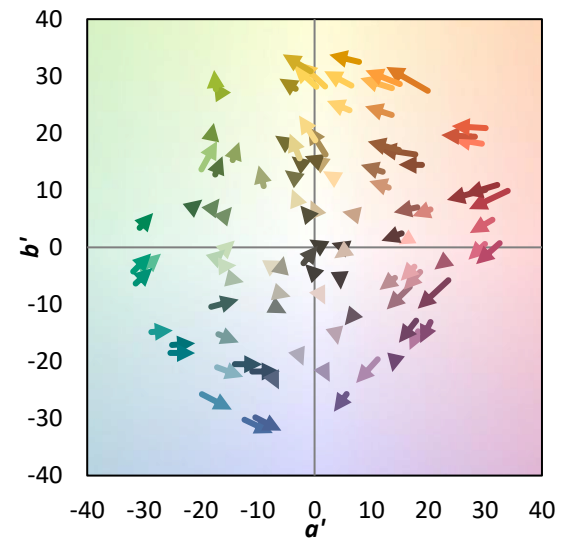
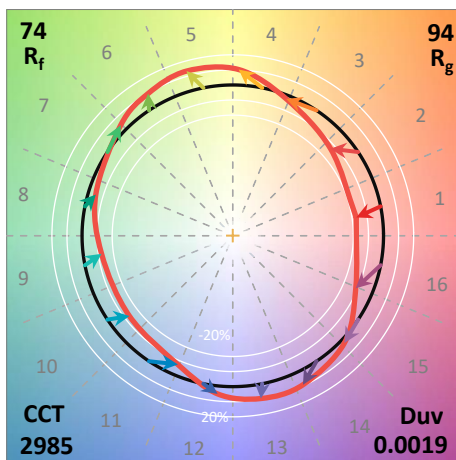
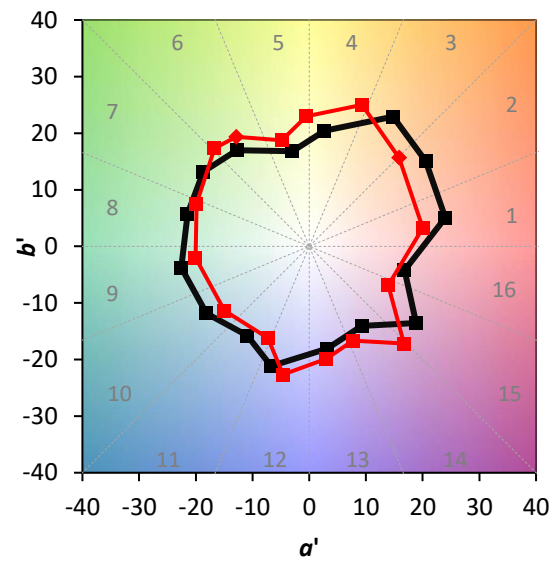
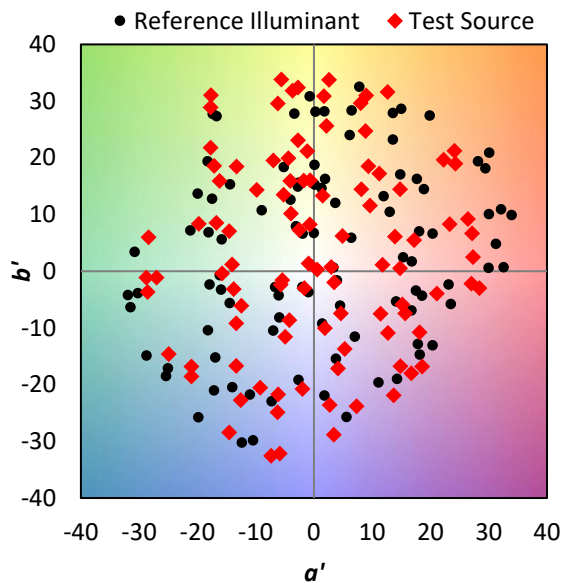
TM-30-18

Summary

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

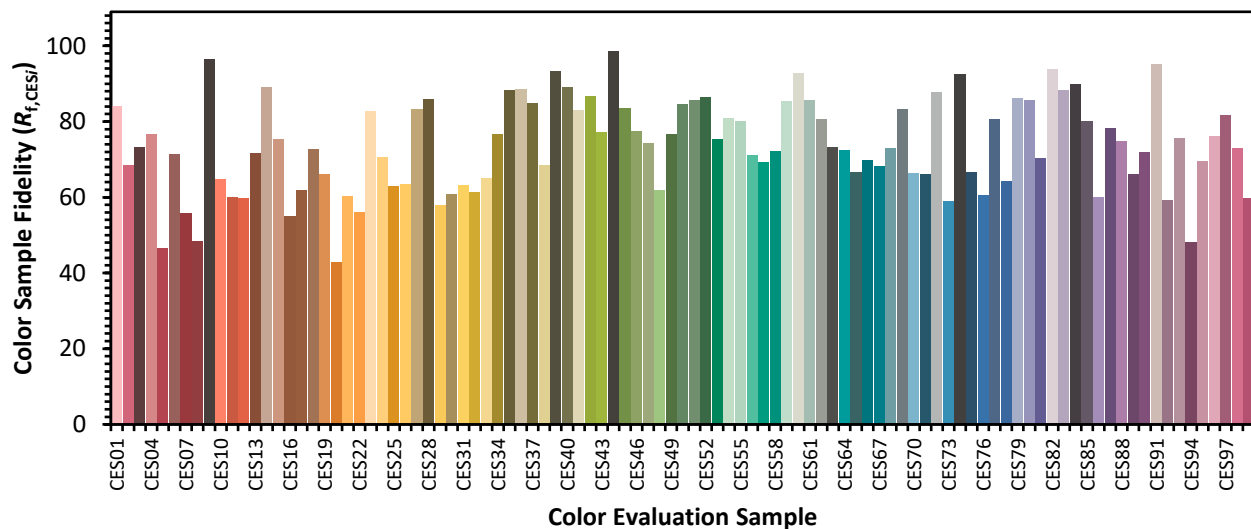


Color Vector Graphics

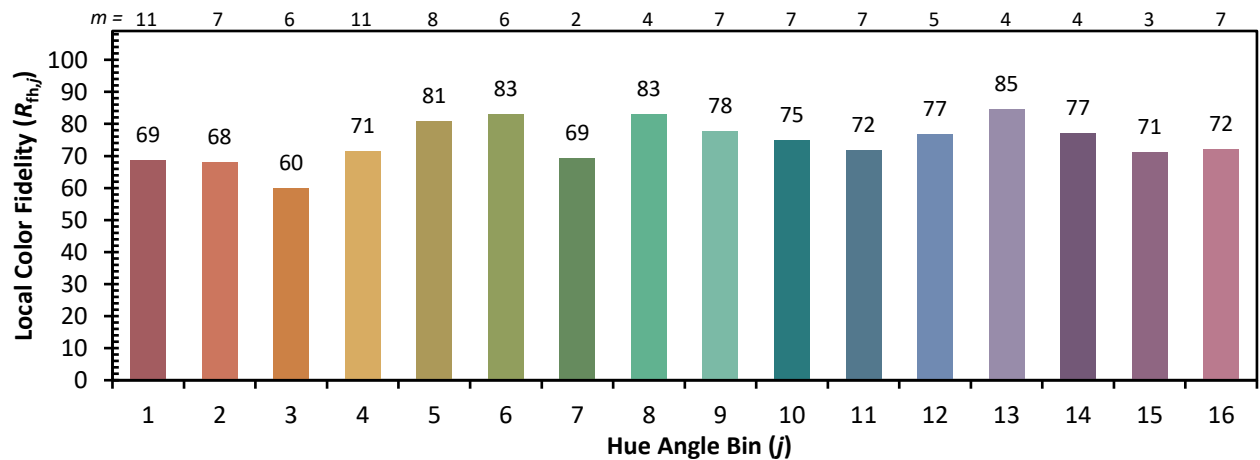
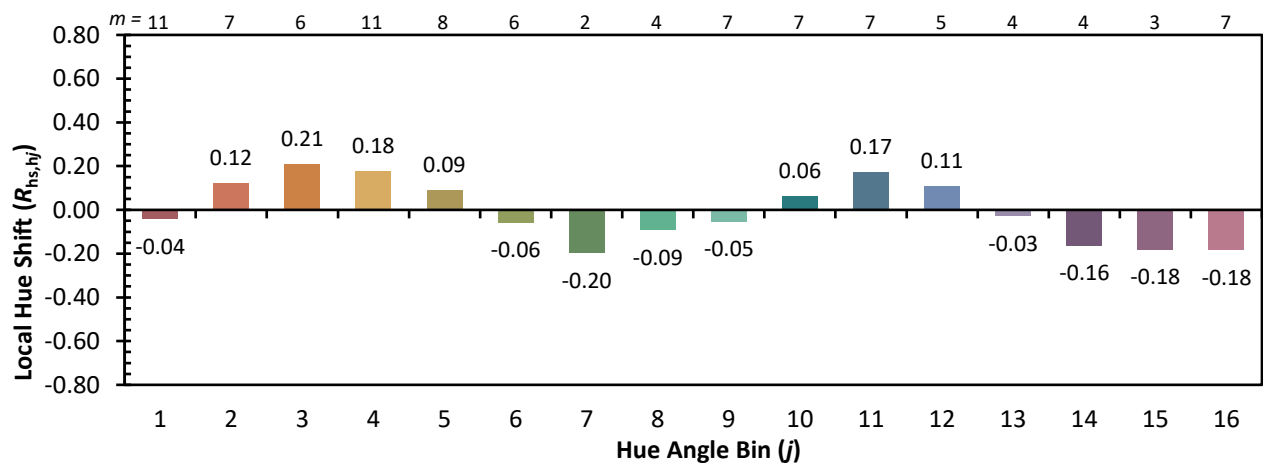
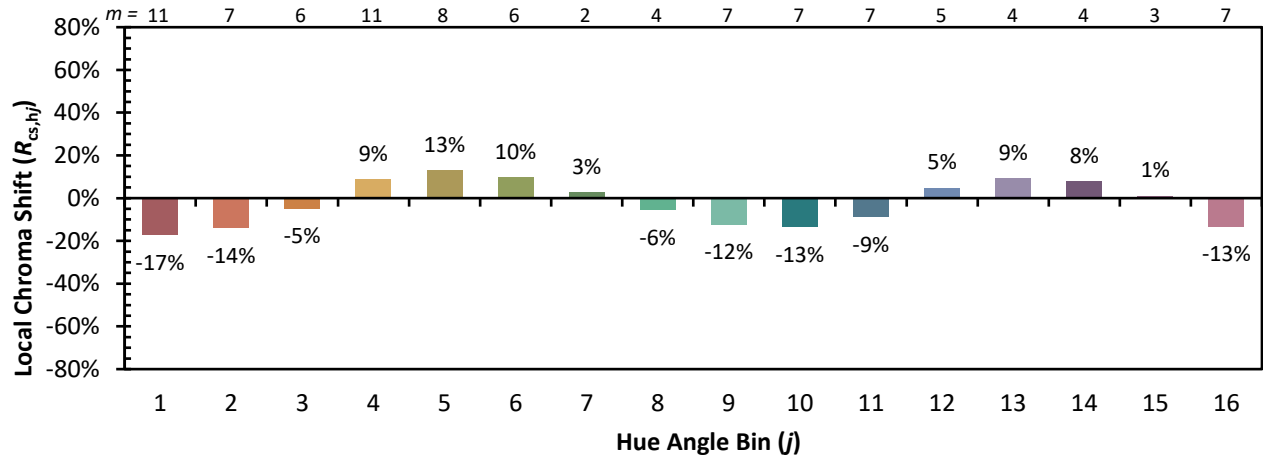


Individual Sample Fidelity Index ($R_{f,i}$)

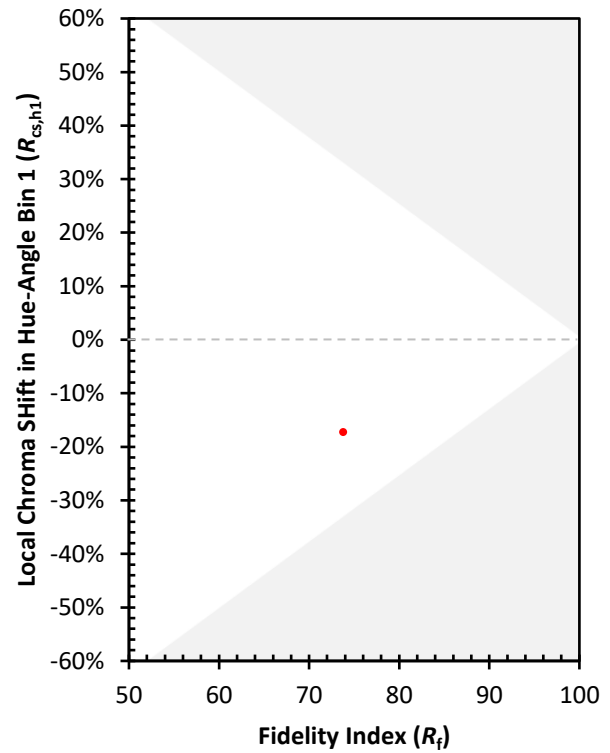
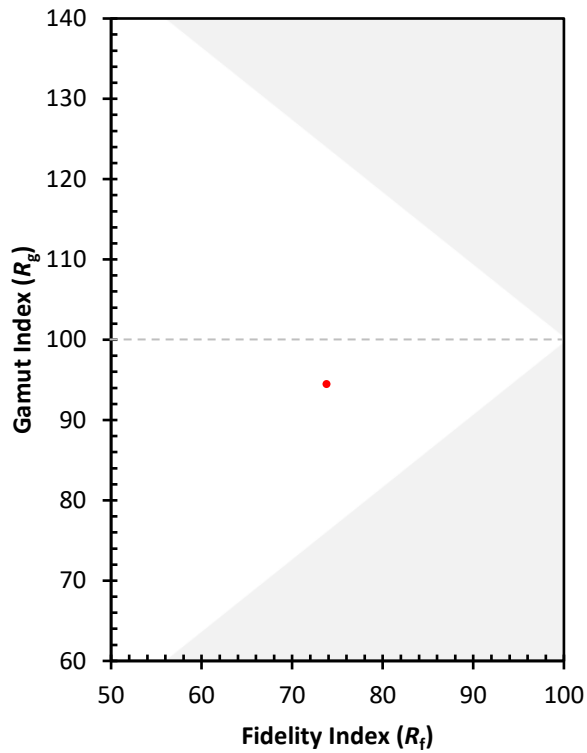
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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