

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: P1063382

Luminaire Tested: **GLAN-SA4B-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063382
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4B-730-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17461.8 lumens
Efficiency: N/A
Efficacy: 121.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 144.1
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

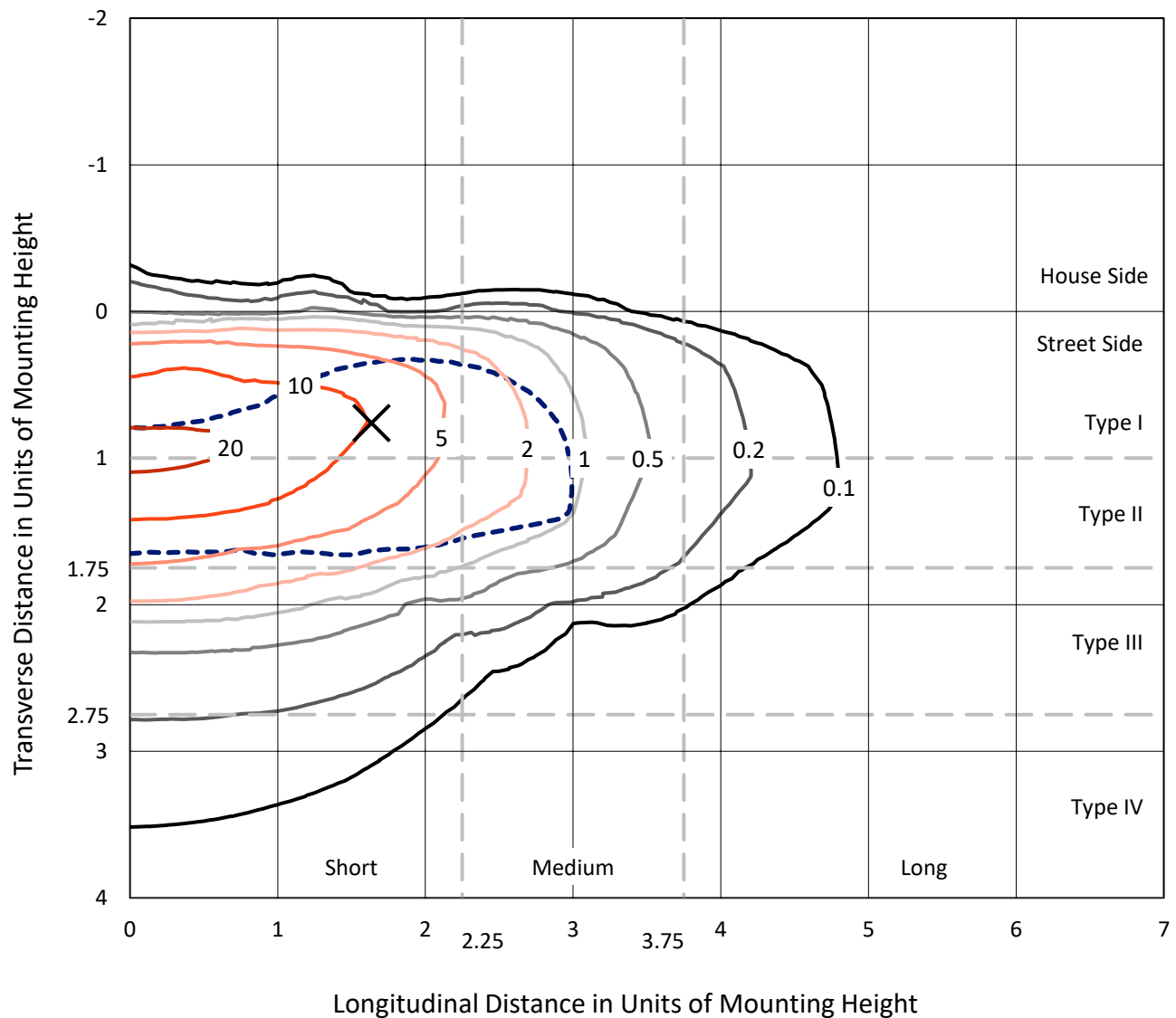


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CATALOG NUMBER: GLAN-SA4B-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

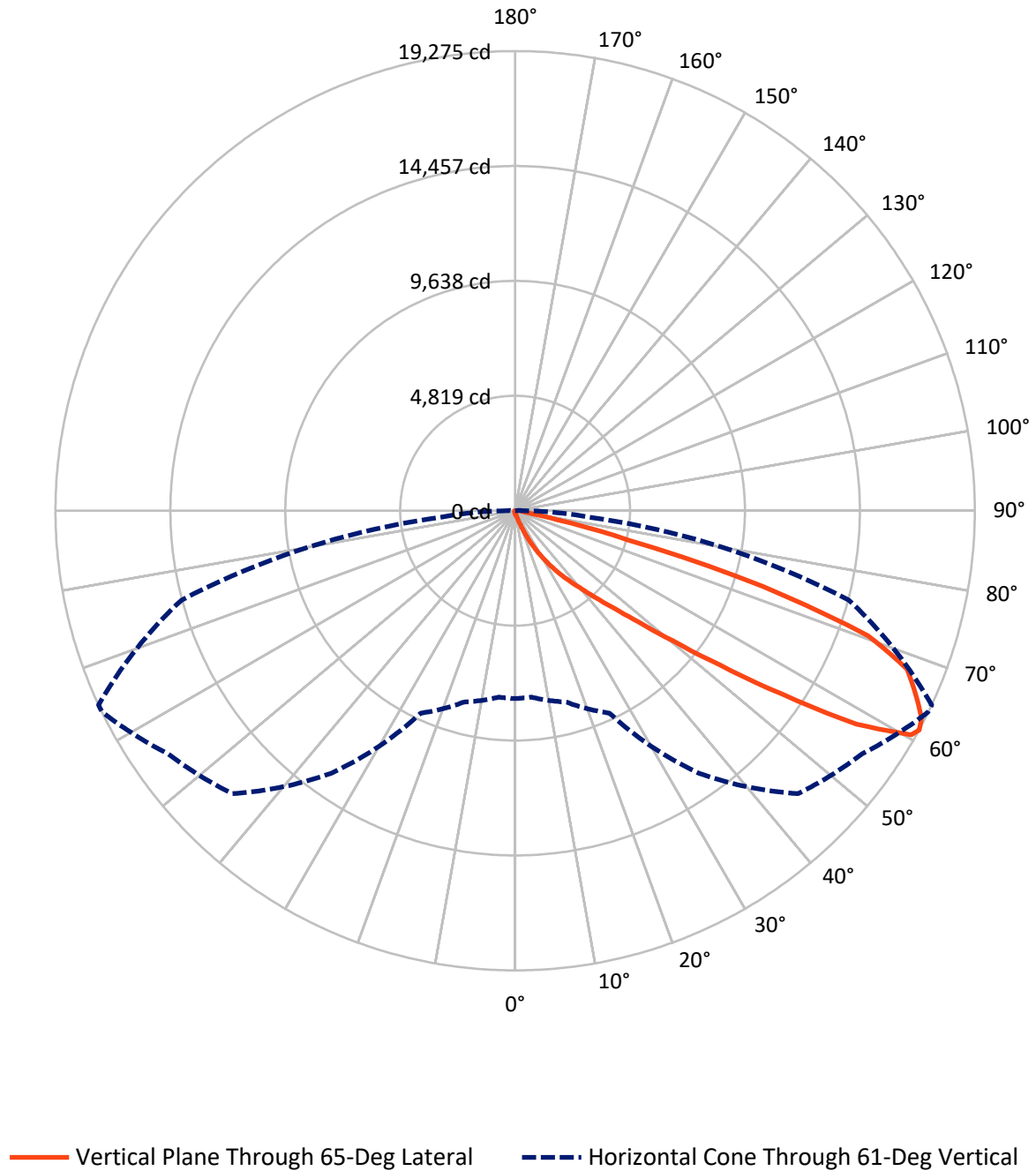


Based on 15 foot mounting height. Maximum calculated value = 23.1 fc
 Type II - Short - N/A

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CATALOG NUMBER: GLAN-SA4B-730-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	74.5	0.0	74.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17387.3	0.0	17387.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	17461.8	0.0	17461.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.6	0.1
10°-20°	143.6	0.8
20°-30°	515.3	3.0
30°-40°	1372.0	7.9
40°-50°	3604.2	20.6
50°-60°	5583.6	32.0
60°-70°	4681.8	26.8
70°-80°	1377.8	7.9
80°-90°	170.0	1.0
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°	17461.8	100.0
0°-180°	17461.8	100.0



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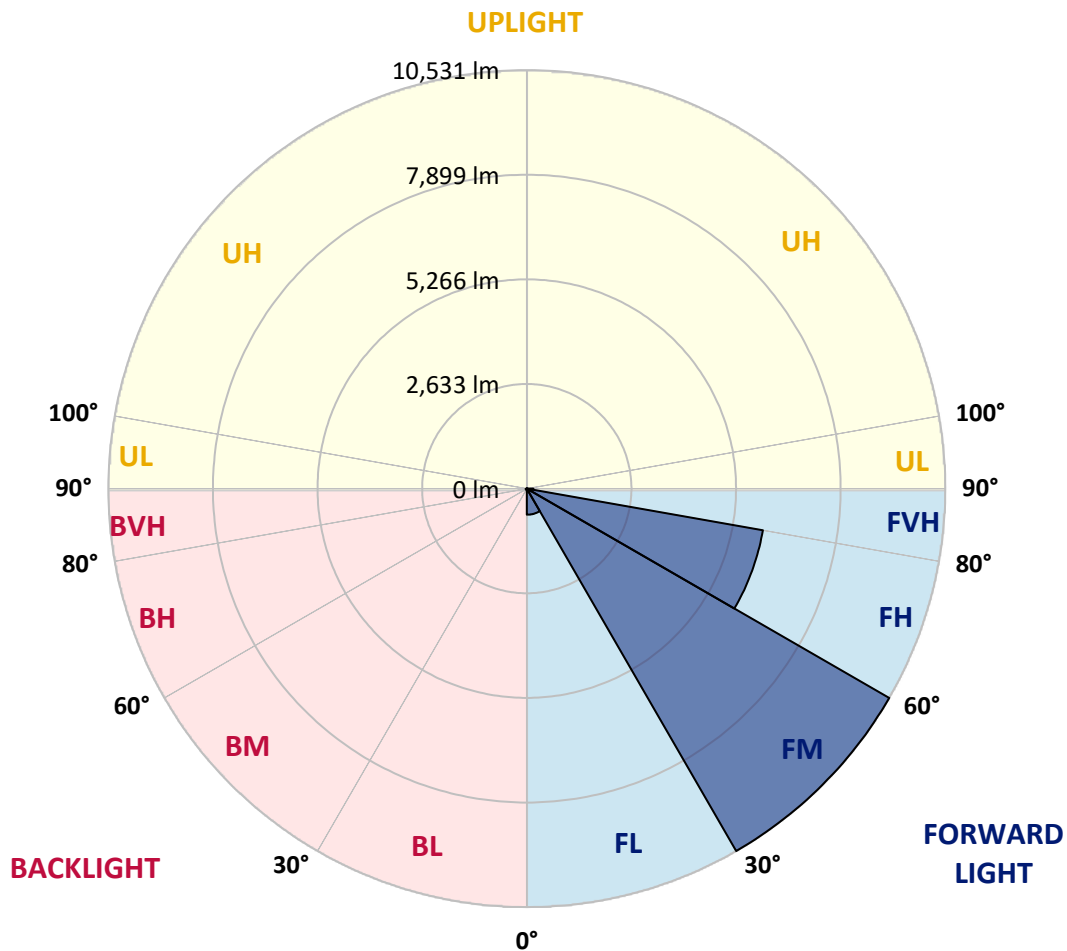
CATALOG NUMBER: GLAN-SA4B-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	655.8	3.8			
FM	(30°-60°)	10531.4	60.3			
FH	(60°-80°)	6033.2	34.6			G3/7500
FVH	(80°-90°)	166.8	1.0			G2/225
BL	(0°-30°)	16.7	0.1	B0/110		
BM	(30°-60°)	28.4	0.2	B0/220		
BH	(60°-80°)	26.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9
2.5°	129.7	130.9	128.5	123.7	120.1	120.1	118.9	115.3	115.3	111.7	109.3
5°	181.4	179.0	174.2	164.6	156.2	147.7	139.3	130.9	129.7	118.9	111.7
7.5°	296.7	299.1	283.5	253.4	228.2	195.8	165.8	147.7	145.3	127.3	112.9
10°	651.0	633.0	597.0	480.5	395.2	297.9	221.0	171.8	169.4	136.9	115.3
12.5°	1186.8	1172.4	1106.3	986.2	766.4	533.3	323.1	212.6	205.4	145.3	116.5
15°	1710.5	1687.7	1651.6	1530.3	1273.3	956.1	528.5	290.7	271.5	157.4	115.3
17.5°	2044.4	2048.0	2015.6	1963.9	1798.2	1415.0	912.9	433.6	396.4	179.0	112.9
20°	2336.3	2327.9	2345.9	2318.3	2201.8	1923.1	1328.5	687.1	623.4	213.8	114.1
22.5°	2672.6	2693.1	2706.3	2700.3	2571.7	2333.9	1800.6	1028.2	947.7	277.5	117.7
25°	3123.1	3120.7	3121.9	3106.3	2981.3	2717.1	2273.8	1452.2	1370.6	380.8	126.1
27.5°	3595.1	3609.6	3615.6	3559.1	3395.7	3136.3	2712.3	1915.9	1819.8	546.5	136.9
30°	4240.2	4228.2	4200.5	4085.2	3887.0	3565.1	3144.7	2402.4	2301.5	778.4	153.8
32.5°	5109.8	5096.6	4957.3	4702.6	4405.9	4012.0	3579.5	2890.0	2767.5	1067.9	176.6
35°	6542.9	6563.3	6220.9	5561.5	5029.4	4548.9	4061.2	3375.3	3267.2	1424.6	207.8
37.5°	8737.4	8625.7	8160.8	6995.7	5849.8	5219.1	4521.3	3865.4	3771.7	1864.2	248.6
40°	10869.5	10759.0	10624.5	9520.6	7275.6	5957.9	5165.1	4440.8	4319.5	2360.3	308.7
42.5°	13110.9	13049.7	13043.7	12211.2	9877.3	7119.4	5939.9	5114.6	5011.3	2904.5	407.2
45°	14698.9	14637.6	14766.2	14911.5	13420.8	9608.3	7288.8	5990.3	5840.2	3565.1	564.6
47.5°	14912.7	14915.1	15258.6	15713.9	16053.8	13458.1	9085.8	7150.7	6968.1	4510.4	828.8
50°	14201.6	14229.2	14775.8	15590.2	16505.5	16688.1	12254.5	8834.7	8564.4	5631.2	1203.6
52.5°	12847.9	12879.1	13640.7	14980.0	16089.9	17464.0	15985.4	11037.7	10726.6	7029.3	1732.1
55°	11628.7	11647.9	12521.1	14213.6	15589.0	17042.4	18200.3	13979.4	13571.0	8749.4	2253.4
57.5°	10421.5	10377.0	10945.2	12882.7	15503.7	16524.7	18527.1	17331.9	16881.4	10629.3	2659.4
60°	8807.1	8732.6	9189.1	10421.5	14381.8	16864.6	17915.7	19186.5	19084.4	13246.7	2972.9
61°	7878.6	7847.3	8306.2	9363.2	13437.7	16778.1	17769.1	19264.6	19275.4	14485.1	3113.5
62.5°	5626.3	5715.2	6416.7	7790.9	11255.1	16217.2	17788.3	19023.2	19130.1	16130.7	3477.4
65°	2500.9	2643.8	3189.1	4307.4	6545.3	13490.5	17617.8	18493.4	18440.6	16582.4	4731.5
67.5°	1483.5	1505.1	1776.6	2440.8	3466.6	7256.4	15546.9	17793.1	17722.3	14435.8	5887.0
70°	1168.8	1179.6	1266.0	1531.5	2012.0	2779.5	8873.1	15394.4	15703.1	11705.5	5763.3
72.5°	1108.7	1106.3	1118.3	1165.1	1267.2	1379.0	3435.4	10232.9	10861.1	8429.9	4832.4
75°	1094.3	1089.5	1077.5	1059.4	917.7	812.0	1064.2	4526.1	4890.0	5759.7	3638.4
77.5°	1061.8	1063.0	1065.5	1016.2	786.8	574.2	515.3	1452.2	1786.2	3655.2	2586.2
80°	718.3	729.1	747.1	727.9	707.5	415.6	364.0	516.5	523.7	2051.6	1708.1
82.5°	364.0	364.0	355.6	317.1	273.9	270.3	289.5	374.8	379.6	1037.8	803.6
85°	219.8	231.8	236.6	215.0	197.0	181.4	221.0	297.9	308.7	402.4	187.4
87.5°	49.2	50.4	55.3	73.3	106.9	145.3	205.4	272.7	277.5	258.3	22.8
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: P1063382

CATALOG NUMBER: GLAN-SA4B-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9
2.5°	108.1	105.7	104.5	100.9	97.3	93.7	91.3	90.1	91.3	92.5	92.5
5°	106.9	103.3	97.3	91.3	86.5	81.7	76.9	75.7	75.7	76.9	76.9
7.5°	106.9	100.9	92.5	85.3	78.1	70.9	67.3	64.9	66.1	66.1	66.1
10°	106.9	99.7	88.9	78.1	69.7	61.3	55.3	52.9	52.9	52.9	52.9
12.5°	105.7	98.5	85.3	72.1	60.1	50.4	43.2	39.6	40.8	40.8	40.8
15°	103.3	94.9	80.5	61.3	48.0	38.4	31.2	27.6	28.8	31.2	32.4
17.5°	99.7	91.3	72.1	51.7	38.4	28.8	21.6	19.2	20.4	24.0	24.0
20°	98.5	87.7	63.7	42.0	28.8	20.4	14.4	12.0	13.2	18.0	19.2
22.5°	98.5	85.3	57.7	34.8	21.6	13.2	8.4	4.8	4.8	8.4	8.4
25°	99.7	84.1	52.9	28.8	15.6	9.6	4.8	2.4	4.8	13.2	15.6
27.5°	102.1	82.9	50.4	24.0	12.0	8.4	3.6	8.4	14.4	14.4	14.4
30°	104.5	80.5	46.8	20.4	10.8	6.0	6.0	12.0	12.0	14.4	15.6
32.5°	108.1	79.3	44.4	18.0	8.4	4.8	8.4	7.2	7.2	8.4	9.6
35°	115.3	80.5	42.0	18.0	8.4	6.0	7.2	3.6	2.4	2.4	2.4
37.5°	124.9	81.7	38.4	15.6	7.2	7.2	3.6	0.0	0.0	0.0	0.0
40°	140.5	85.3	36.0	14.4	6.0	6.0	1.2	0.0	0.0	0.0	0.0
42.5°	167.0	92.5	34.8	13.2	6.0	4.8	0.0	0.0	0.0	0.0	0.0
45°	219.8	109.3	32.4	12.0	6.0	2.4	0.0	0.0	0.0	0.0	0.0
47.5°	315.9	148.9	31.2	9.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	461.3	201.8	30.0	8.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	588.6	212.6	20.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	603.0	146.5	15.6	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	480.5	94.9	13.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	364.0	72.1	12.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	349.5	64.9	12.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	385.6	56.5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	627.0	46.8	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1089.5	40.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1376.6	38.4	7.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1200.0	34.8	7.2	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	721.9	30.0	7.2	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	378.4	22.8	7.2	6.0	3.6	1.2	0.0	0.0	0.0	0.0	0.0
80°	183.8	20.4	8.4	6.0	4.8	2.4	0.0	0.0	0.0	0.0	0.0
82.5°	72.1	16.8	9.6	8.4	6.0	3.6	1.2	0.0	0.0	0.0	0.0
85°	32.4	14.4	10.8	9.6	8.4	4.8	1.2	0.0	0.0	0.0	0.0
87.5°	16.8	13.2	12.0	10.8	8.4	6.0	2.4	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

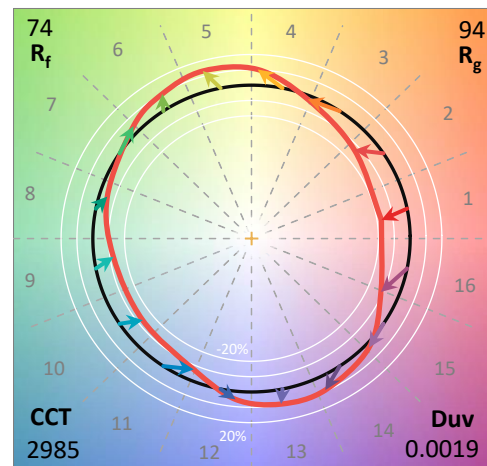
Test Information

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

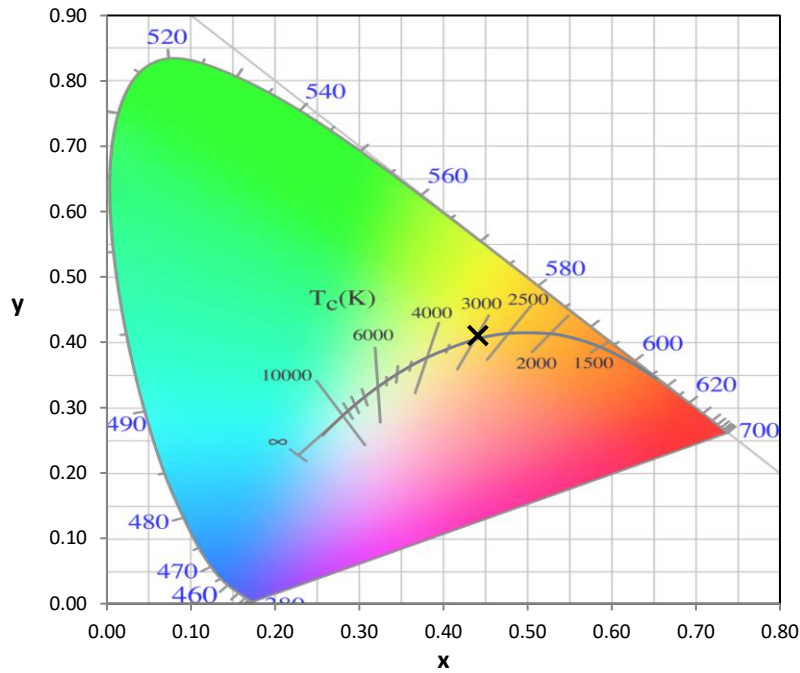
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

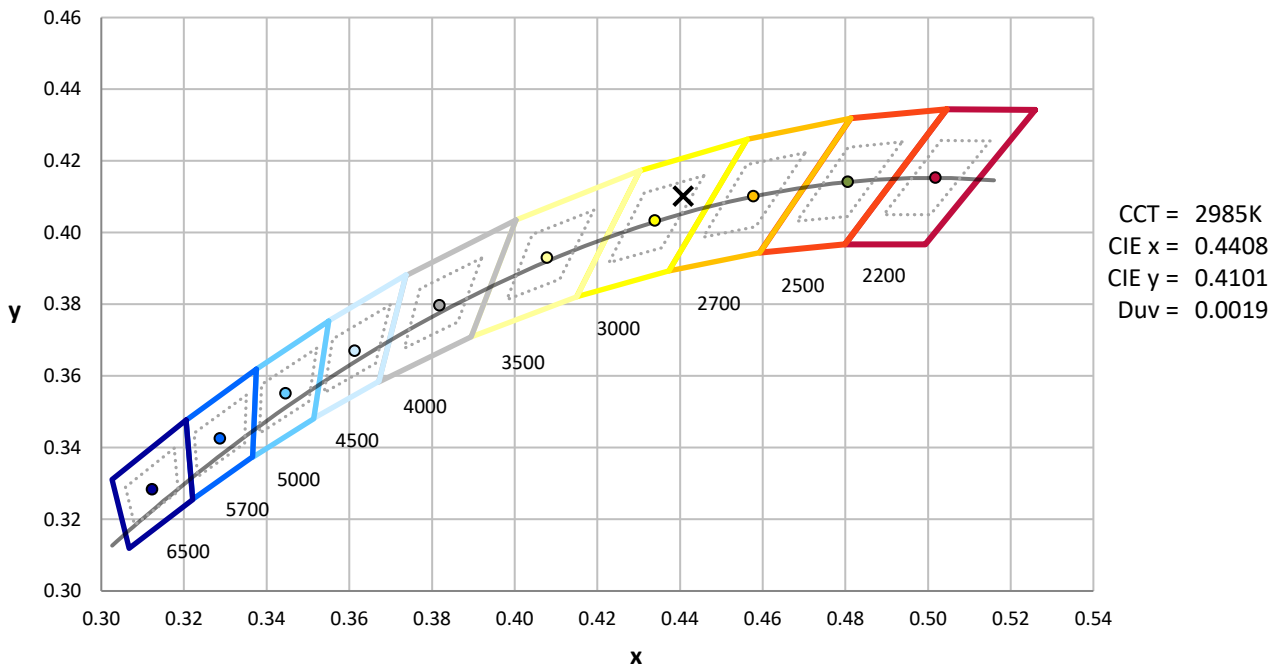
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



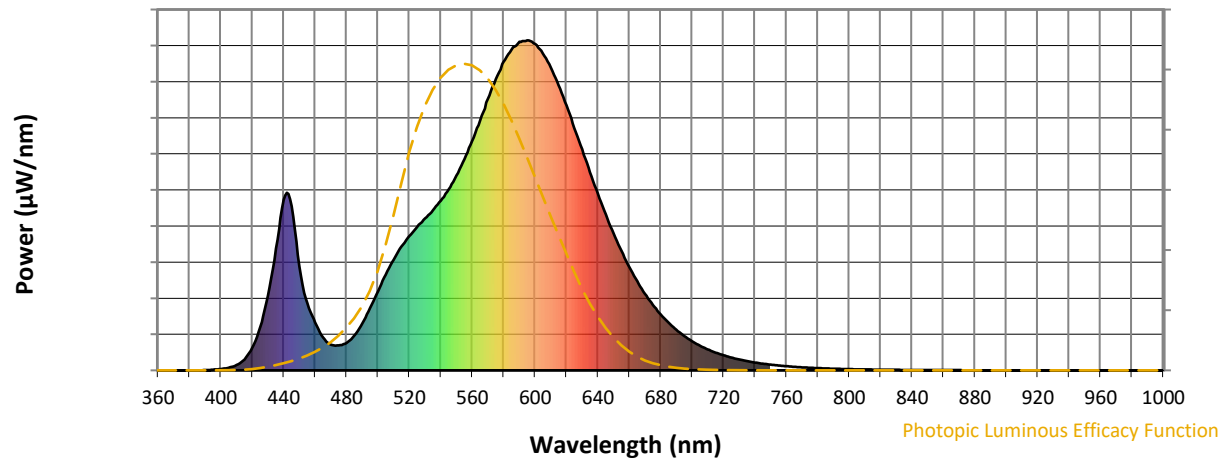
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

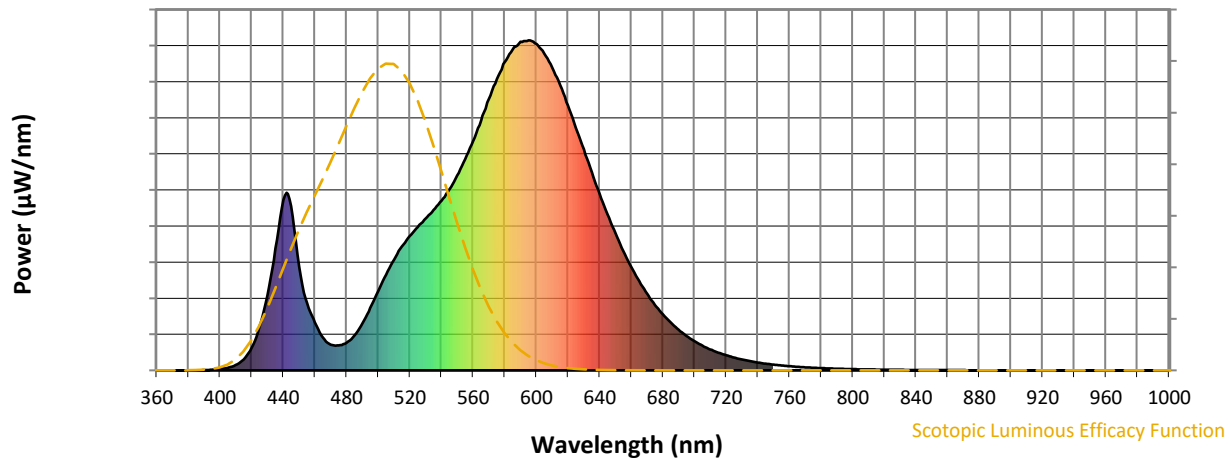


Photopic Lumens: NR

λ (nm)	Power 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



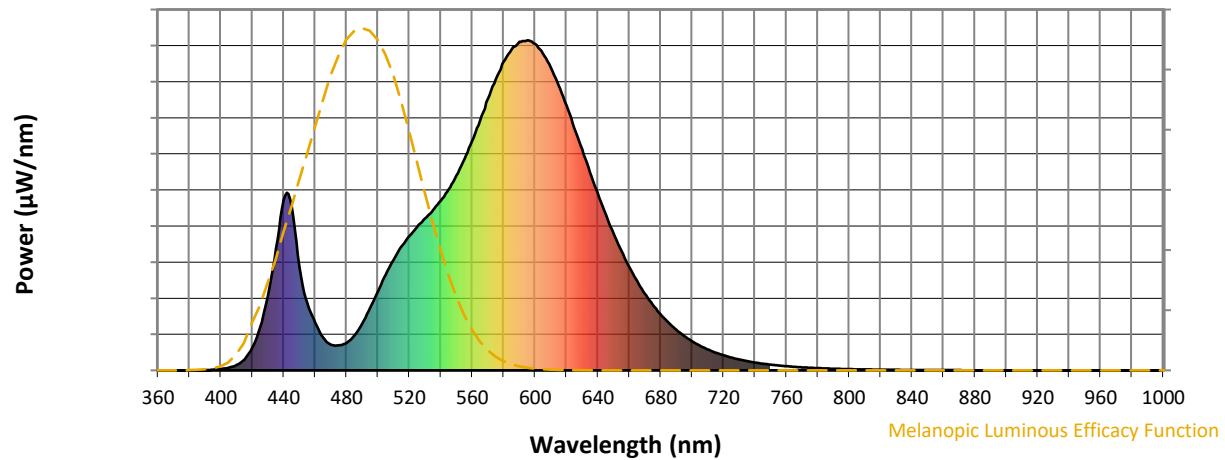
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

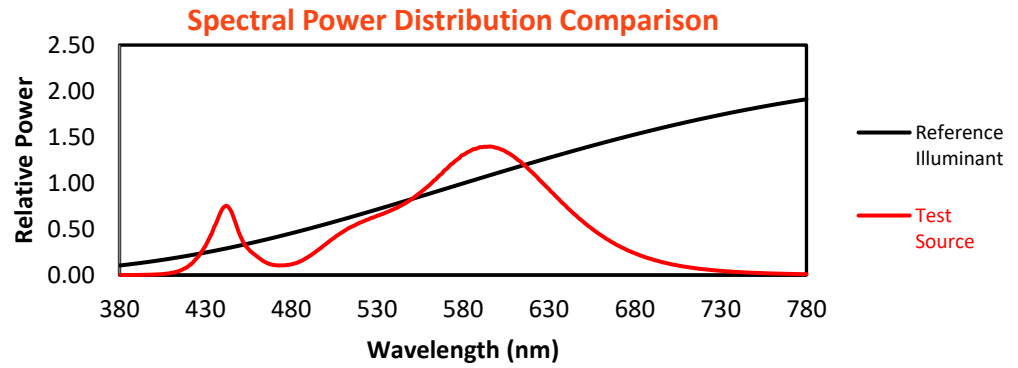
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630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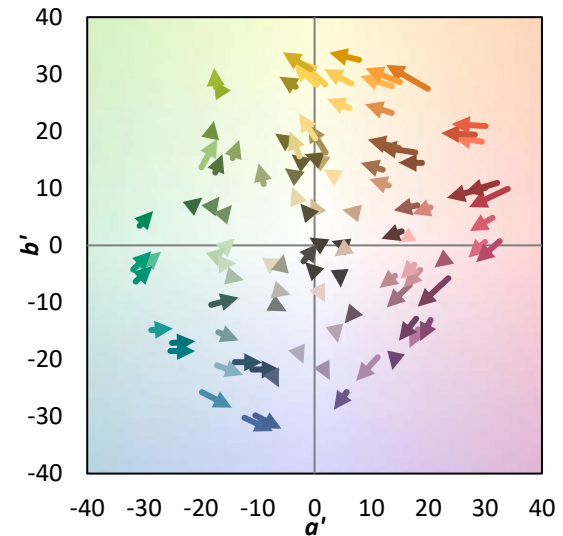
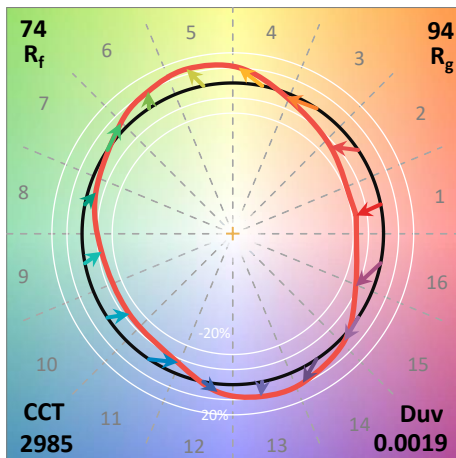
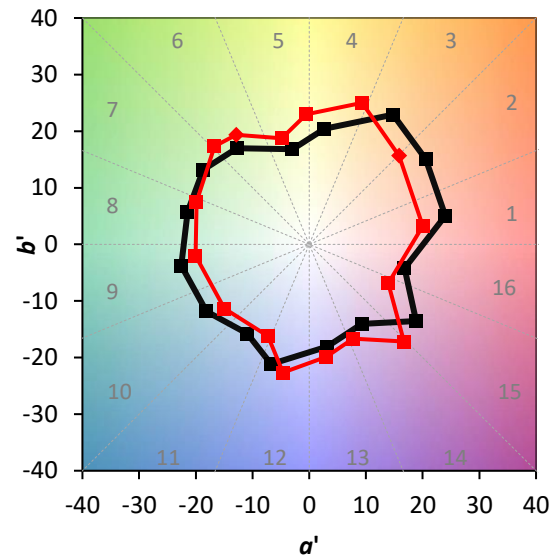
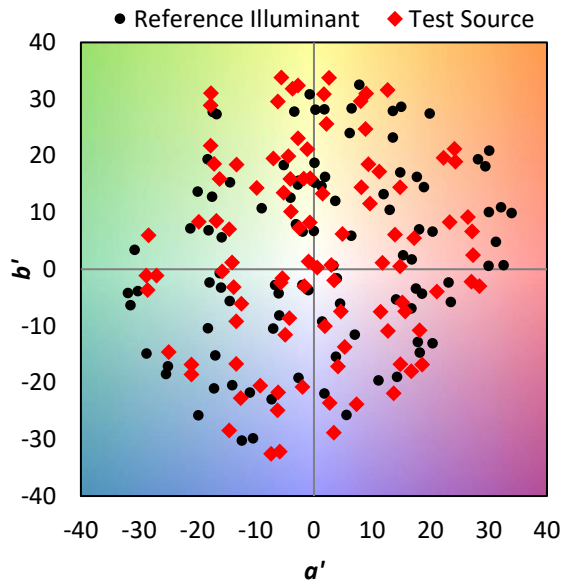
TM-30-18

Summary

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

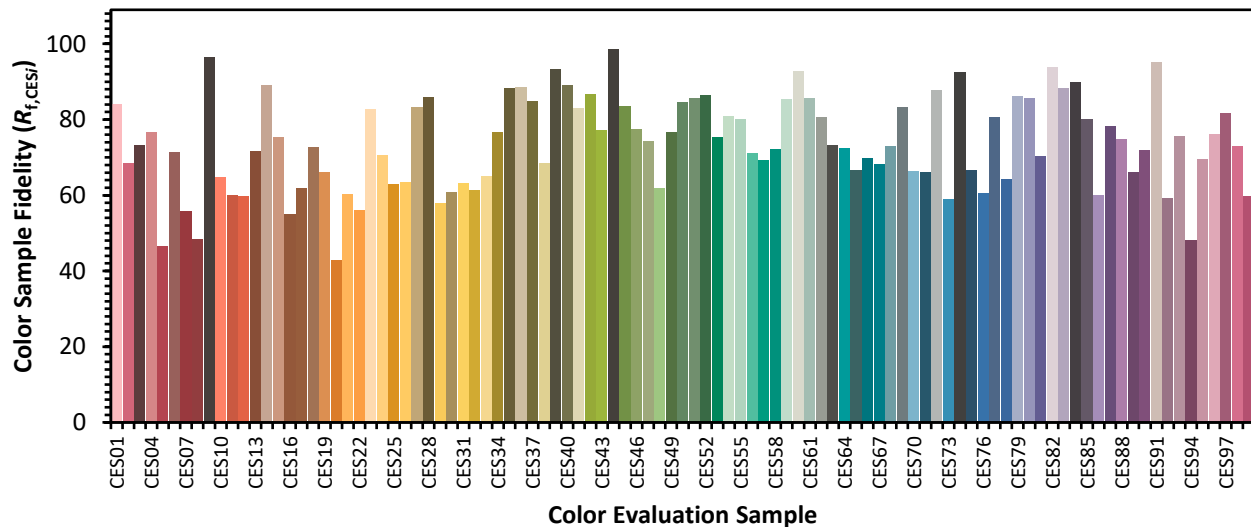


Color Vector Graphics

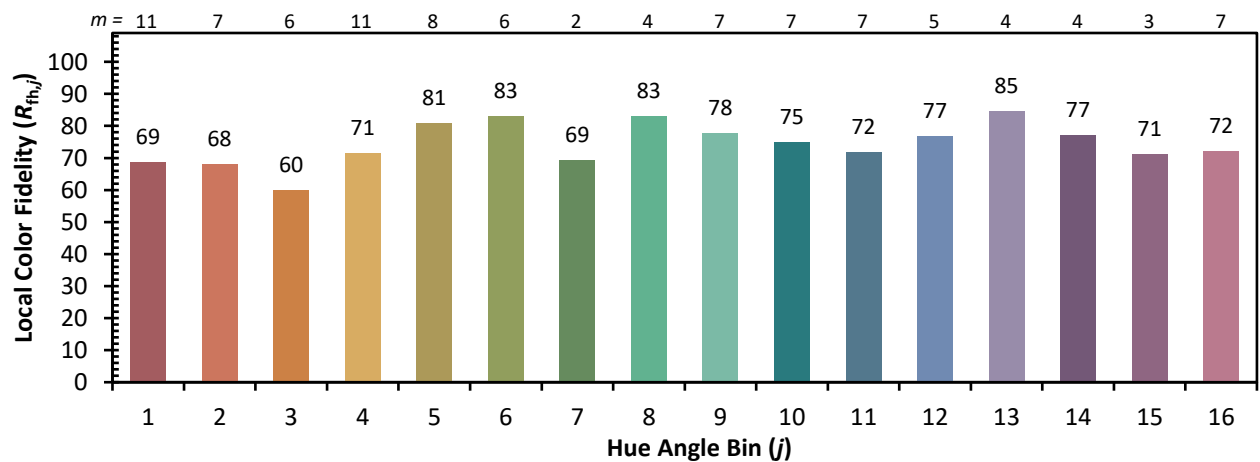
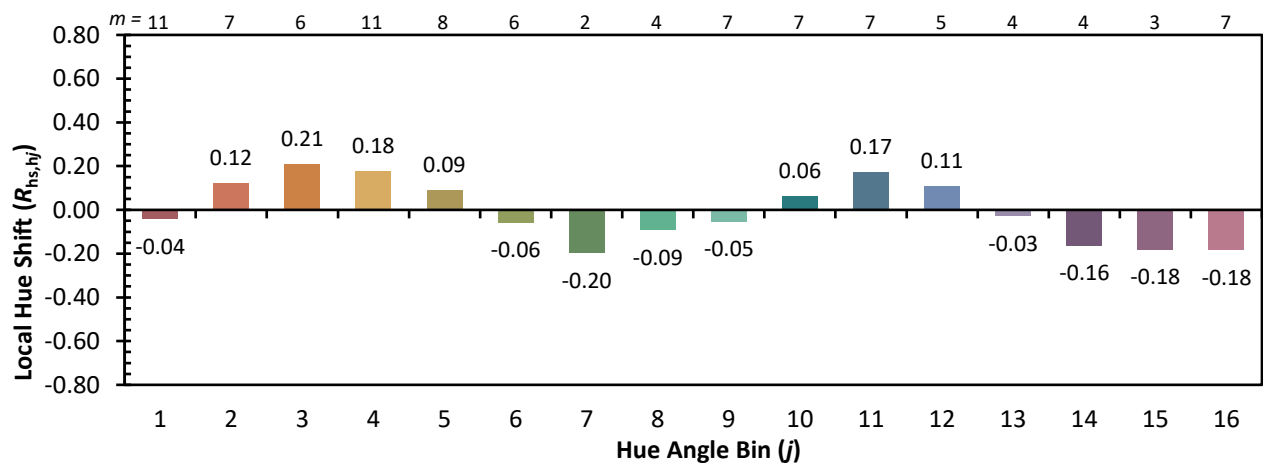
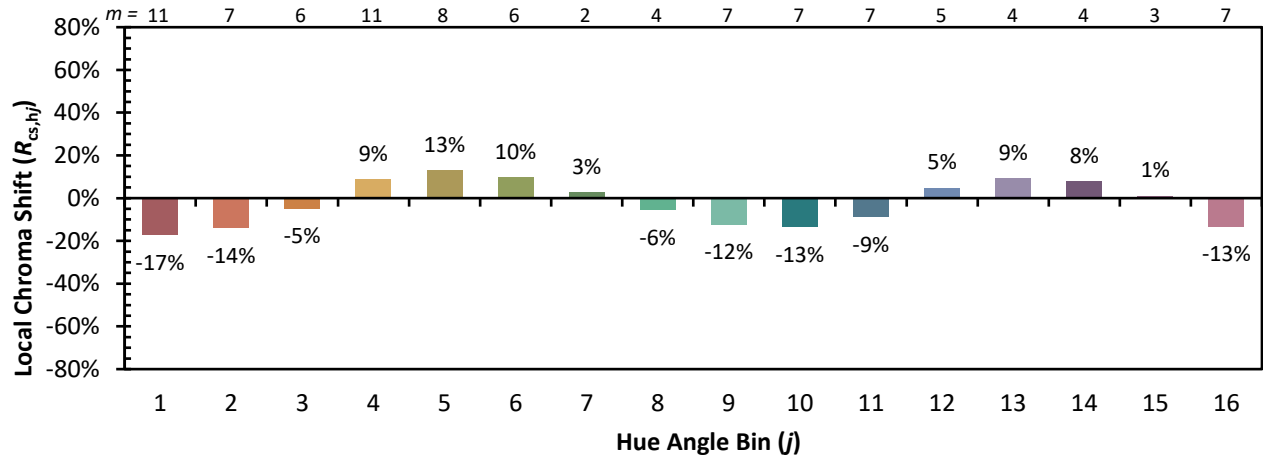


Individual Sample Fidelity Index ($R_{f,i}$)

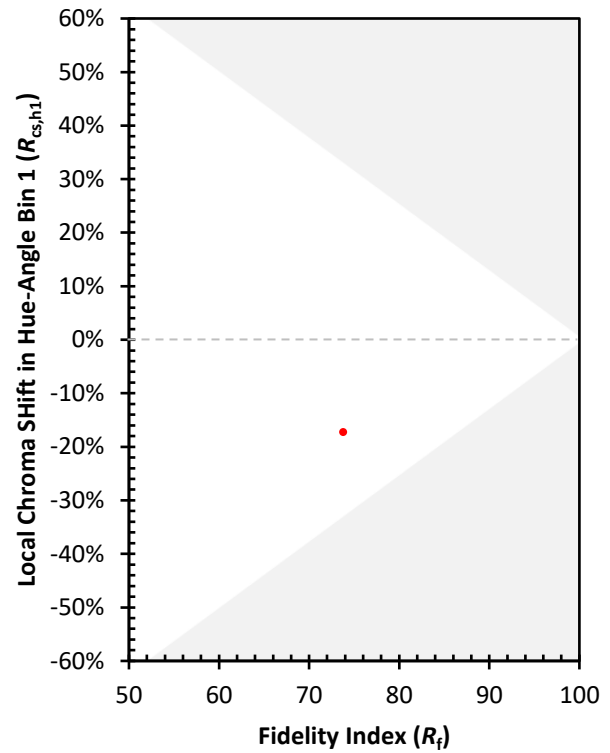
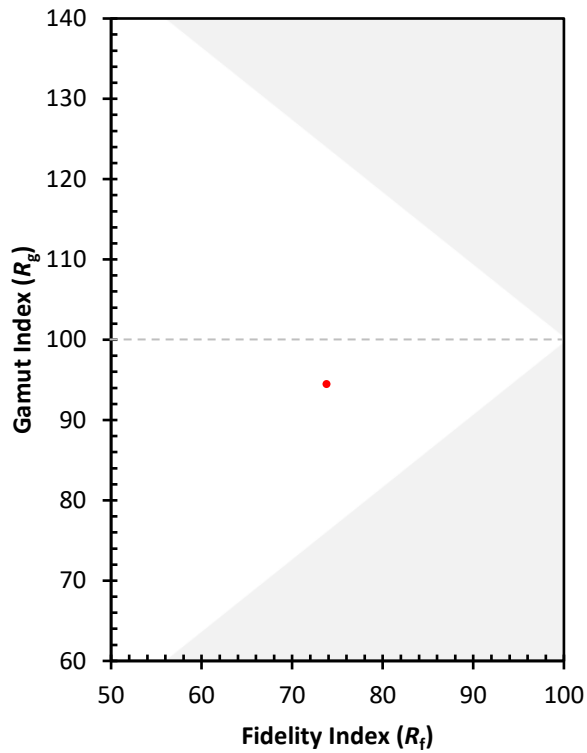
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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