

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: P1063383

Luminaire Tested: **GLAN-SA4C-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063383
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4C-730-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 21786.1 lumens
Efficiency: N/A
Efficacy: 114.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

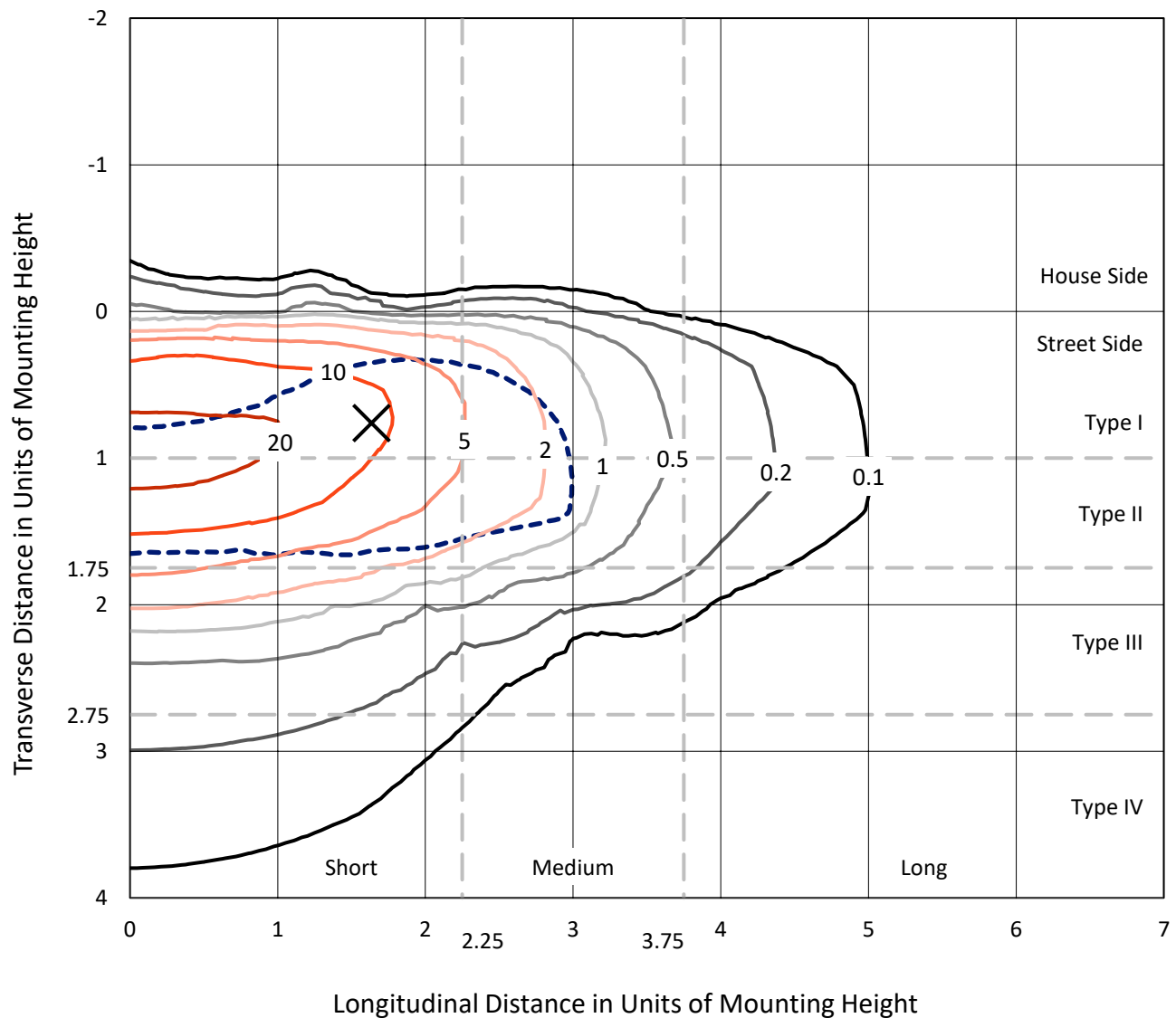


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

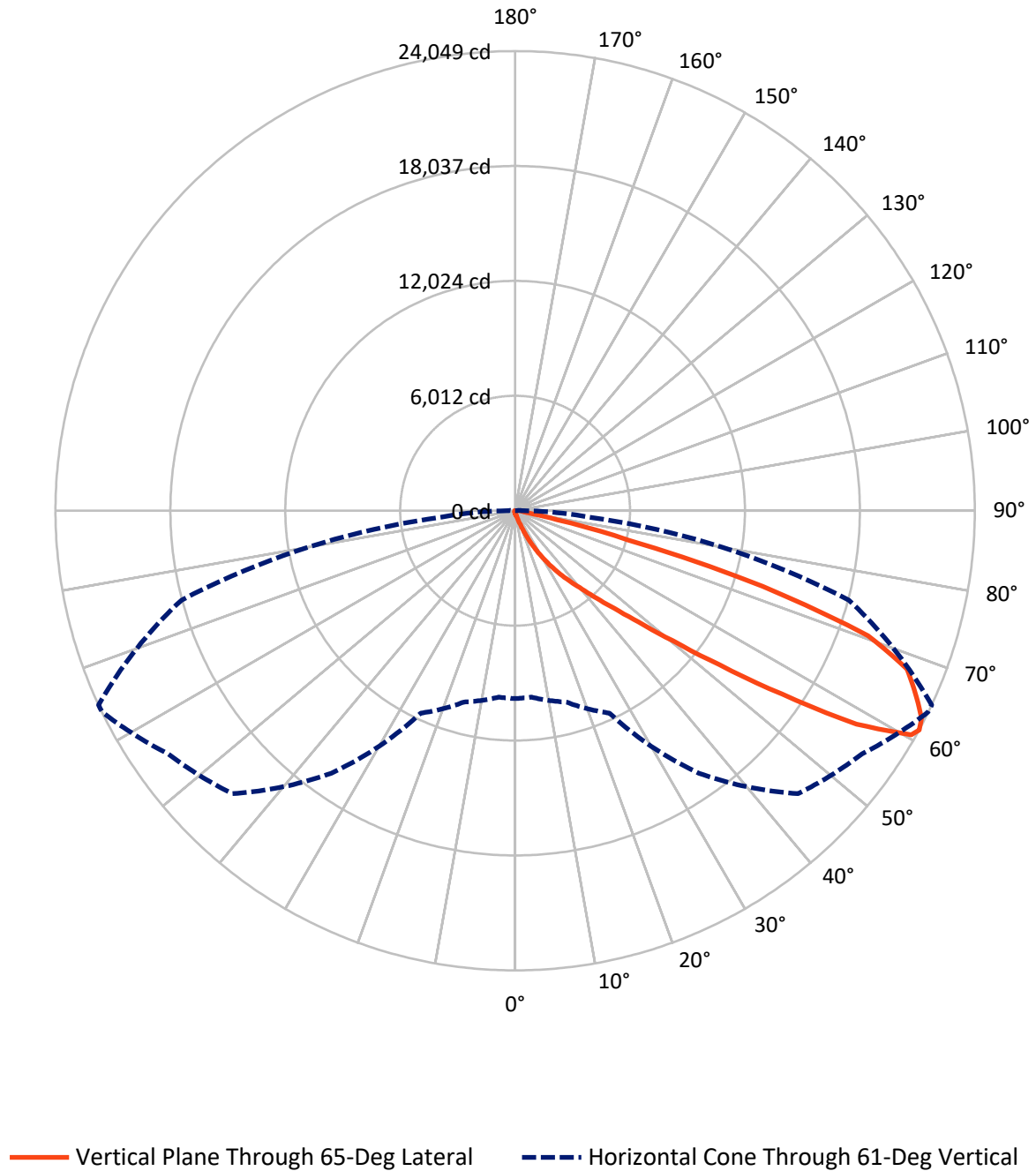


Based on 15 foot mounting height. Maximum calculated value = 28.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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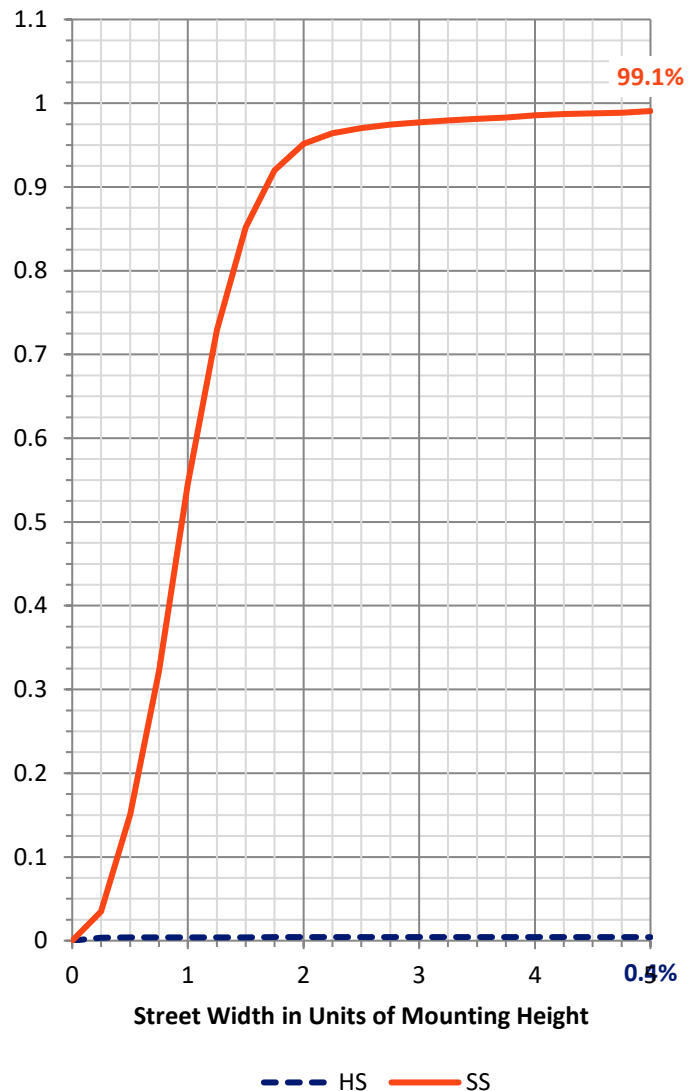
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	93.0	0.0	93.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21693.1	0.0	21693.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	21786.1	0.0	21786.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.0	0.1
10°-20°	179.2	0.8
20°-30°	642.9	3.0
30°-40°	1711.8	7.9
40°-50°	4496.8	20.6
50°-60°	6966.4	32.0
60°-70°	5841.2	26.8
70°-80°	1719.0	7.9
80°-90°	212.1	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°	21786.1	100.0
0°-180°	21786.1	100.0



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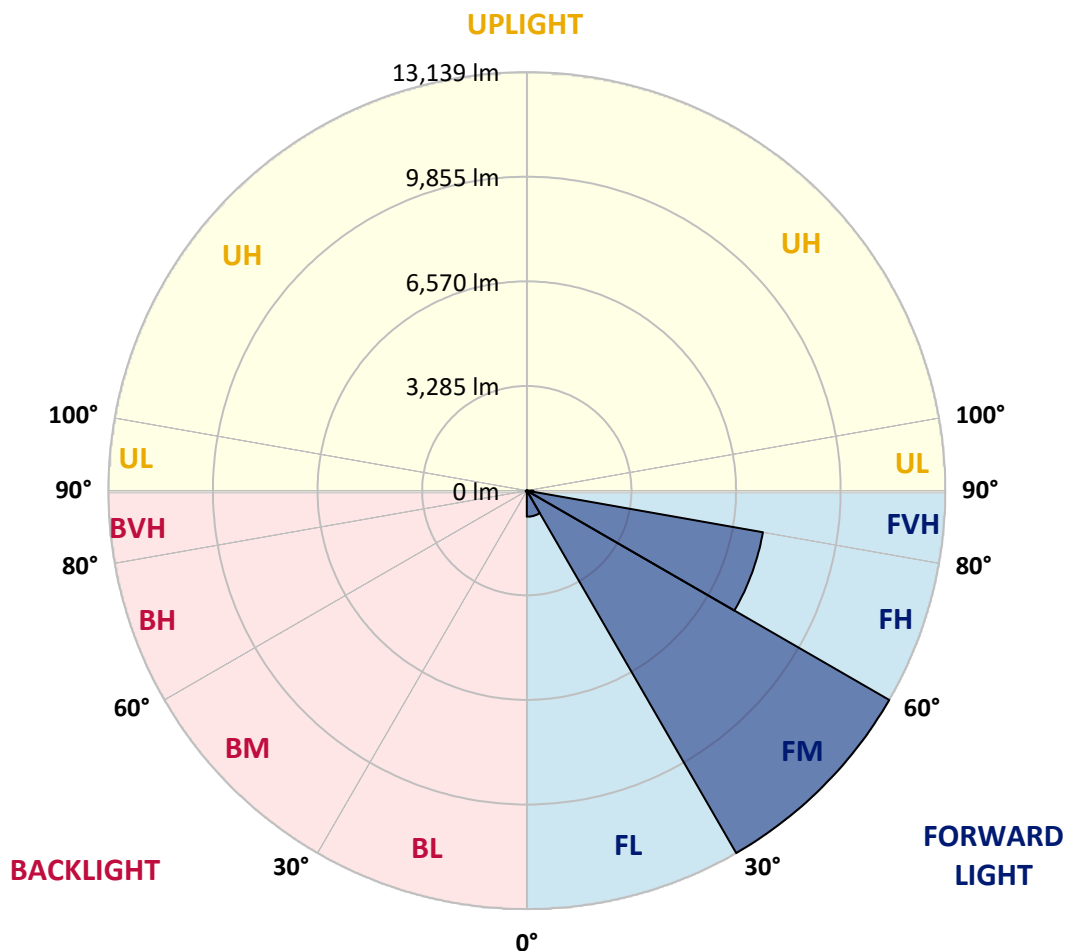
CATALOG NUMBER: GLAN-SA4C-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	818.2	3.8			
FM	(30°-60°)	13139.5	60.3			
FH	(60°-80°)	7527.3	34.6			G4/12000
FVH	(80°-90°)	208.1	1.0			G2/225
BL	(0°-30°)	20.9	0.1	B0/110		
BM	(30°-60°)	35.4	0.2	B0/220		
BH	(60°-80°)	32.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.9	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4
2.5°	161.9	163.4	160.4	154.4	149.9	149.9	148.4	143.9	143.9	139.4	136.4
5°	226.3	223.3	217.3	205.3	194.8	184.3	173.8	163.4	161.9	148.4	139.4
7.5°	370.2	373.2	353.7	316.2	284.7	244.3	206.8	184.3	181.3	158.9	140.9
10°	812.3	789.8	744.8	599.5	493.1	371.7	275.8	214.3	211.3	170.8	143.9
12.5°	1480.7	1462.7	1380.3	1230.4	956.1	665.4	403.1	265.3	256.3	181.3	145.4
15°	2134.1	2105.6	2060.6	1909.3	1588.6	1192.9	659.4	362.7	338.7	196.3	143.9
17.5°	2550.7	2555.2	2514.7	2450.3	2243.5	1765.4	1139.0	541.0	494.6	223.3	140.9
20°	2914.9	2904.4	2926.9	2892.4	2747.0	2399.3	1657.5	857.2	777.8	266.8	142.4
22.5°	3334.5	3360.0	3376.5	3369.0	3208.6	2911.9	2246.5	1282.8	1182.4	346.2	146.9
25°	3896.5	3893.5	3895.0	3875.5	3719.7	3389.9	2836.9	1811.9	1710.0	475.1	157.4
27.5°	4485.5	4503.4	4510.9	4440.5	4236.7	3913.0	3384.0	2390.3	2270.5	681.9	170.8
30°	5290.2	5275.3	5240.8	5096.9	4849.6	4448.0	3923.5	2997.3	2871.4	971.1	191.8
32.5°	6375.3	6358.8	6184.9	5867.2	5497.1	5005.5	4466.0	3605.8	3452.9	1332.3	220.3
35°	8163.2	8188.6	7761.5	6938.8	6274.9	5675.4	5066.9	4211.2	4076.3	1777.4	259.3
37.5°	10901.2	10761.8	10181.8	8728.1	7298.4	6511.6	5640.9	4822.7	4705.8	2325.9	310.2
40°	13561.3	13423.4	13255.6	11878.3	9077.3	7433.3	6444.2	5540.5	5389.1	2944.8	385.2
42.5°	16357.8	16281.3	16273.8	15235.3	12323.4	8882.5	7410.8	6381.3	6252.4	3623.7	508.0
45°	18339.0	18262.6	18422.9	18604.3	16744.4	11987.7	9093.8	7473.8	7286.4	4448.0	704.4
47.5°	18605.8	18608.7	19037.4	19605.4	20029.5	16790.9	11335.8	8921.5	8693.7	5627.4	1034.1
50°	17718.5	17753.0	18434.9	19451.0	20593.0	20820.8	15289.2	11022.6	10685.4	7025.7	1501.6
52.5°	16029.6	16068.5	17018.7	18689.7	20074.4	21788.9	19944.0	13771.1	13383.0	8770.1	2161.1
55°	14508.4	14532.4	15621.9	17733.5	19449.5	21262.9	22707.6	17441.3	16931.8	10916.2	2811.5
57.5°	13002.3	12946.8	13655.7	16073.0	19343.1	20616.9	23115.2	21624.0	21062.0	13261.6	3318.0
60°	10988.1	10895.2	11464.7	13002.3	17943.3	21041.1	22352.4	23938.0	23810.6	16527.1	3709.2
61°	9829.7	9790.7	10363.2	11682.0	16765.4	20933.2	22169.5	24035.4	24048.9	18072.2	3884.5
62.5°	7019.7	7130.6	8005.8	9720.2	14042.4	20233.3	22193.5	23734.1	23867.5	20125.4	4338.6
65°	3120.2	3298.5	3978.9	5374.2	8166.1	16831.3	21980.7	23073.2	23007.3	20688.9	5903.2
67.5°	1850.8	1877.8	2216.5	3045.3	4325.1	9053.3	19397.0	22199.5	22111.1	18010.8	7344.9
70°	1458.2	1471.7	1579.6	1910.8	2510.2	3467.9	11070.5	19206.7	19591.9	14604.4	7190.5
72.5°	1383.3	1380.3	1395.2	1453.7	1581.1	1720.5	4286.1	12767.0	13550.8	10517.5	6029.1
75°	1365.3	1359.3	1344.3	1321.8	1145.0	1013.1	1327.8	5646.9	6101.0	7186.0	4539.4
77.5°	1324.8	1326.3	1329.3	1267.9	981.6	716.4	642.9	1811.9	2228.5	4560.4	3226.6
80°	896.2	909.7	932.2	908.2	882.7	518.5	454.1	644.4	653.4	2559.7	2131.1
82.5°	454.1	454.1	443.6	395.6	341.7	337.2	361.2	467.6	473.6	1294.8	1002.6
85°	274.3	289.2	295.2	268.3	245.8	226.3	275.8	371.7	385.2	502.0	233.8
87.5°	61.4	62.9	68.9	91.4	133.4	181.3	256.3	340.2	346.2	322.2	28.5
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-SA4C-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4	133.4
2.5°	134.9	131.9	130.4	125.9	121.4	116.9	113.9	112.4	113.9	115.4	115.4
5°	133.4	128.9	121.4	113.9	107.9	101.9	95.9	94.4	94.4	95.9	95.9
7.5°	133.4	125.9	115.4	106.4	97.4	88.4	83.9	80.9	82.4	82.4	82.4
10°	133.4	124.4	110.9	97.4	86.9	76.4	68.9	65.9	65.9	65.9	65.9
12.5°	131.9	122.9	106.4	89.9	74.9	62.9	54.0	49.5	51.0	51.0	51.0
15°	128.9	118.4	100.4	76.4	59.9	48.0	39.0	34.5	36.0	39.0	40.5
17.5°	124.4	113.9	89.9	64.4	48.0	36.0	27.0	24.0	25.5	30.0	30.0
20°	122.9	109.4	79.4	52.5	36.0	25.5	18.0	15.0	16.5	22.5	24.0
22.5°	122.9	106.4	71.9	43.5	27.0	16.5	10.5	6.0	6.0	10.5	10.5
25°	124.4	104.9	65.9	36.0	19.5	12.0	6.0	3.0	6.0	16.5	19.5
27.5°	127.4	103.4	62.9	30.0	15.0	10.5	4.5	10.5	18.0	18.0	18.0
30°	130.4	100.4	58.4	25.5	13.5	7.5	7.5	15.0	15.0	18.0	19.5
32.5°	134.9	98.9	55.5	22.5	10.5	6.0	10.5	9.0	9.0	10.5	12.0
35°	143.9	100.4	52.5	22.5	10.5	7.5	9.0	4.5	3.0	3.0	3.0
37.5°	155.9	101.9	48.0	19.5	9.0	9.0	4.5	0.0	0.0	0.0	0.0
40°	175.3	106.4	45.0	18.0	7.5	7.5	1.5	0.0	0.0	0.0	0.0
42.5°	208.3	115.4	43.5	16.5	7.5	6.0	0.0	0.0	0.0	0.0	0.0
45°	274.3	136.4	40.5	15.0	7.5	3.0	0.0	0.0	0.0	0.0	0.0
47.5°	394.1	185.8	39.0	12.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	575.5	251.8	37.5	10.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	734.3	265.3	25.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	752.3	182.8	19.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	599.5	118.4	16.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	454.1	89.9	15.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	436.1	80.9	15.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	481.1	70.4	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	782.3	58.4	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1359.3	51.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1717.5	48.0	9.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1497.2	43.5	9.0	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	900.7	37.5	9.0	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	472.1	28.5	9.0	7.5	4.5	1.5	0.0	0.0	0.0	0.0	0.0
80°	229.3	25.5	10.5	7.5	6.0	3.0	0.0	0.0	0.0	0.0	0.0
82.5°	89.9	21.0	12.0	10.5	7.5	4.5	1.5	0.0	0.0	0.0	0.0
85°	40.5	18.0	13.5	12.0	10.5	6.0	1.5	0.0	0.0	0.0	0.0
87.5°	21.0	16.5	15.0	13.5	10.5	7.5	3.0	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

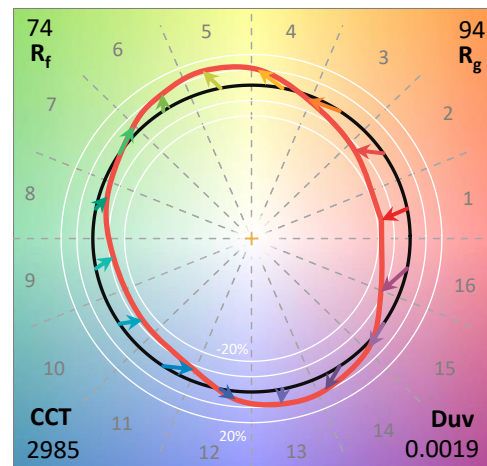
Test Information

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

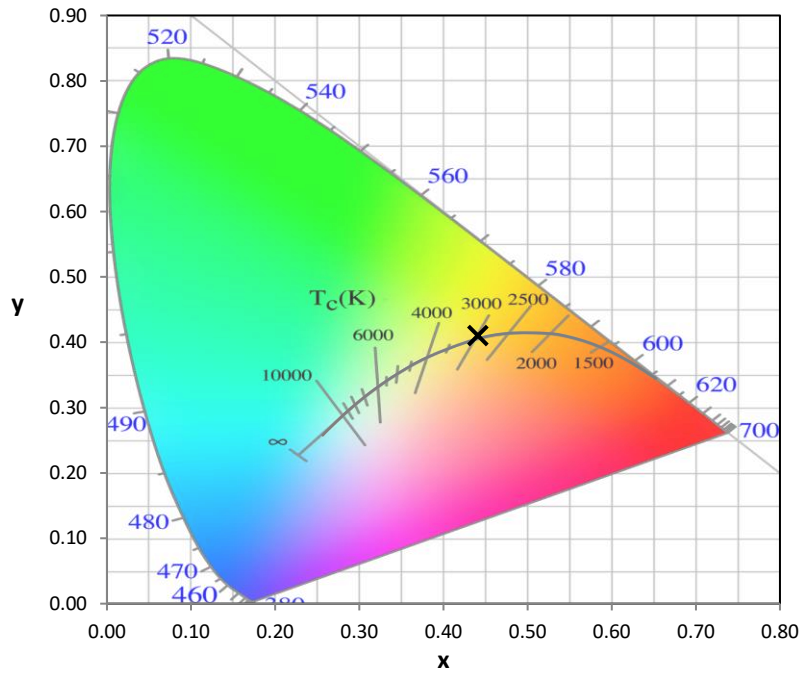
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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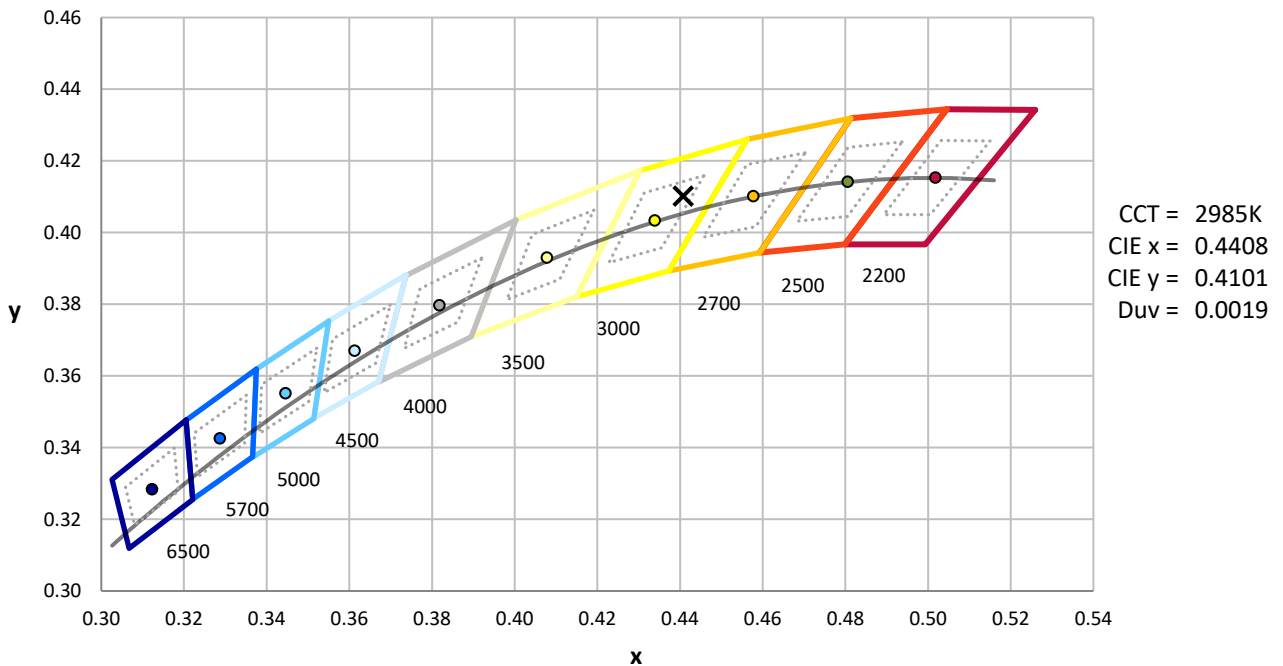
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



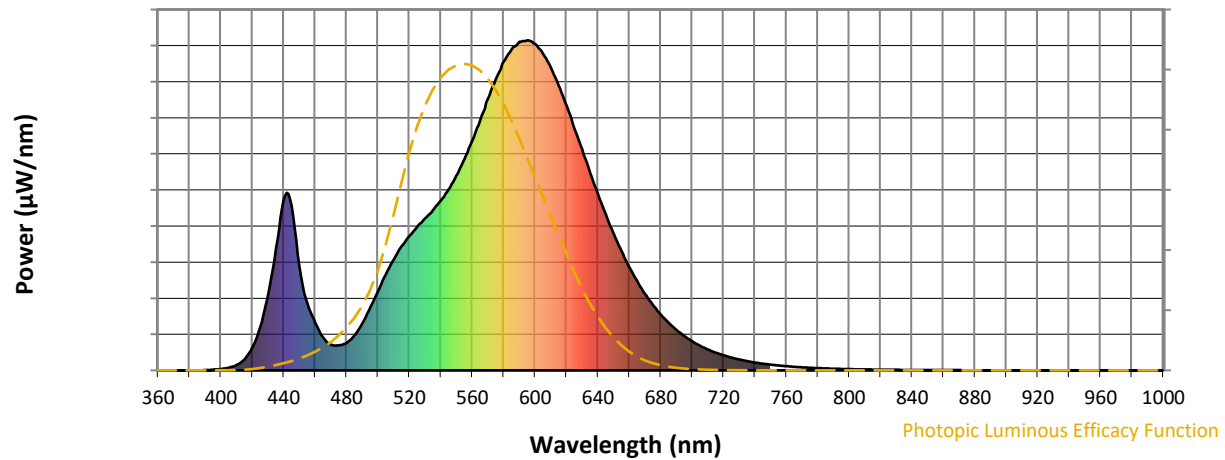
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

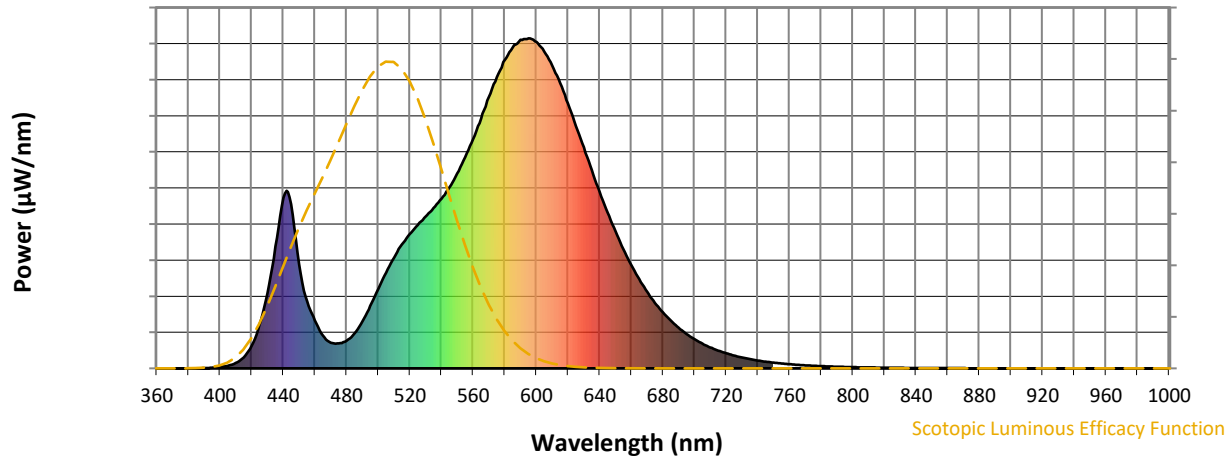


Photopic Lumens: NR

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



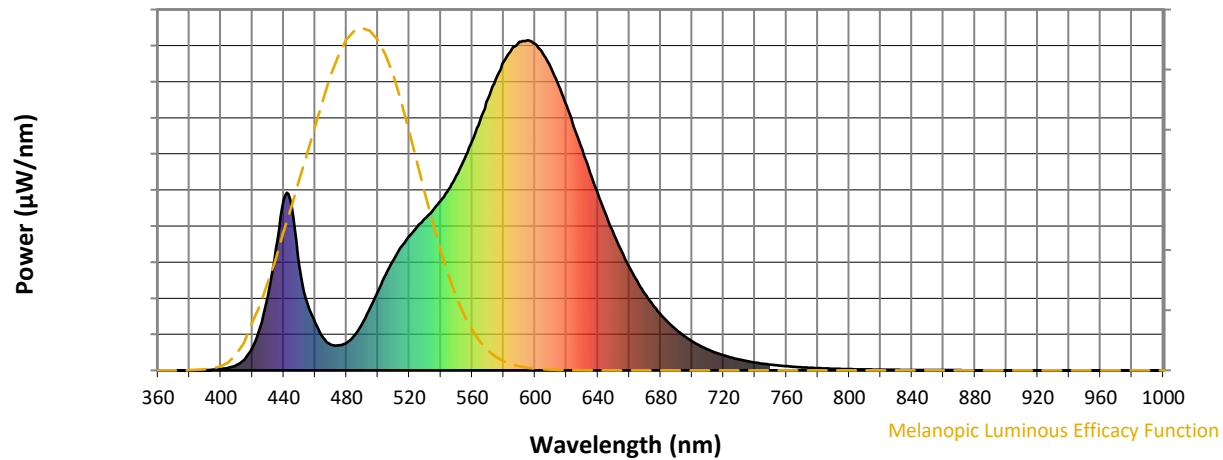
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

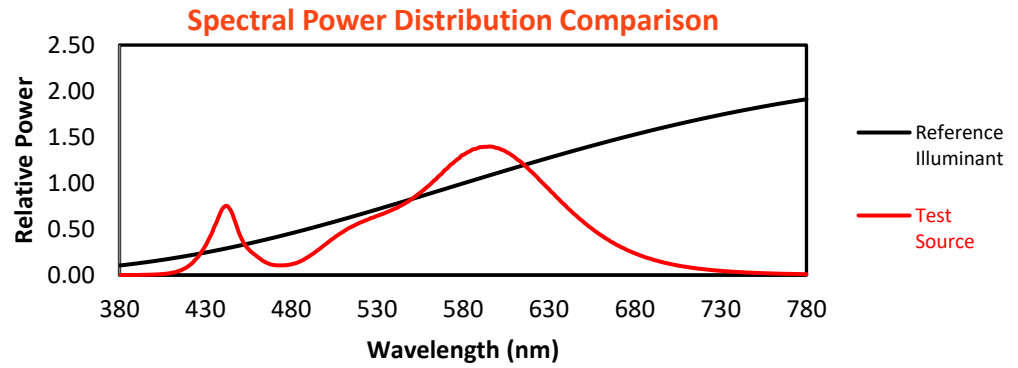
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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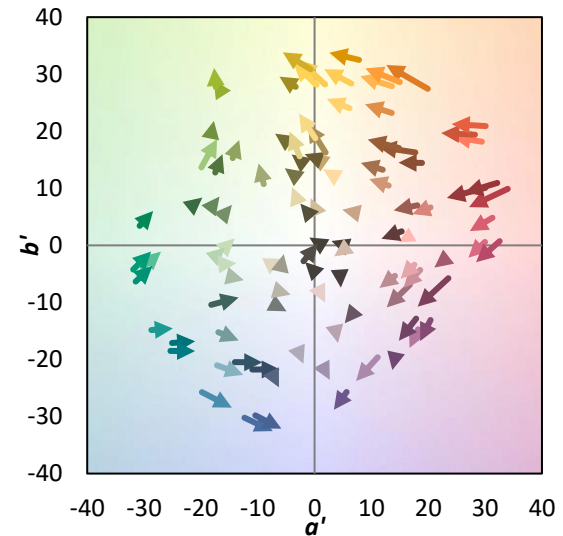
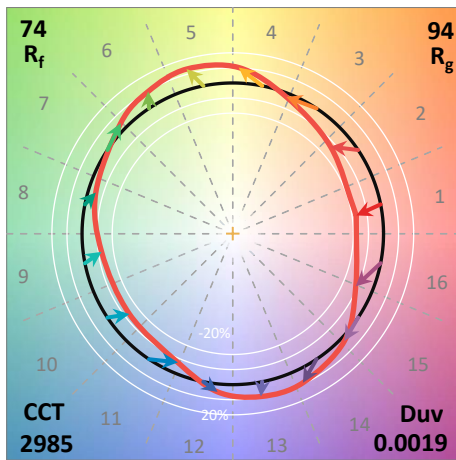
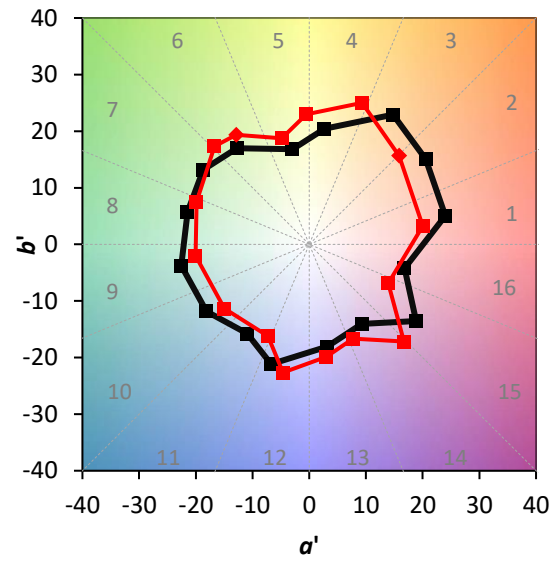
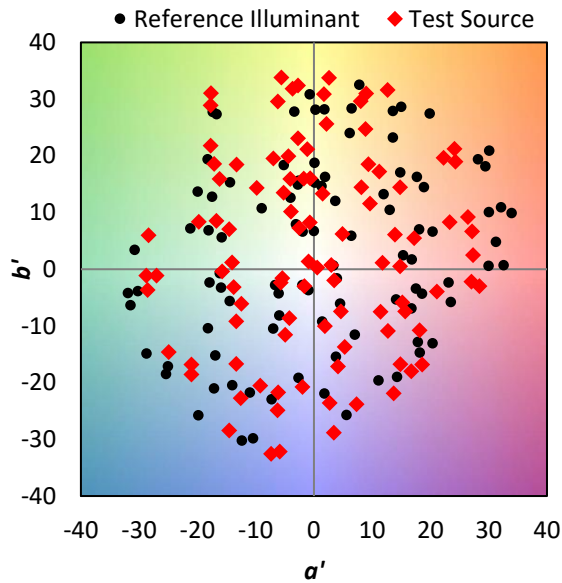
TM-30-18

Summary

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

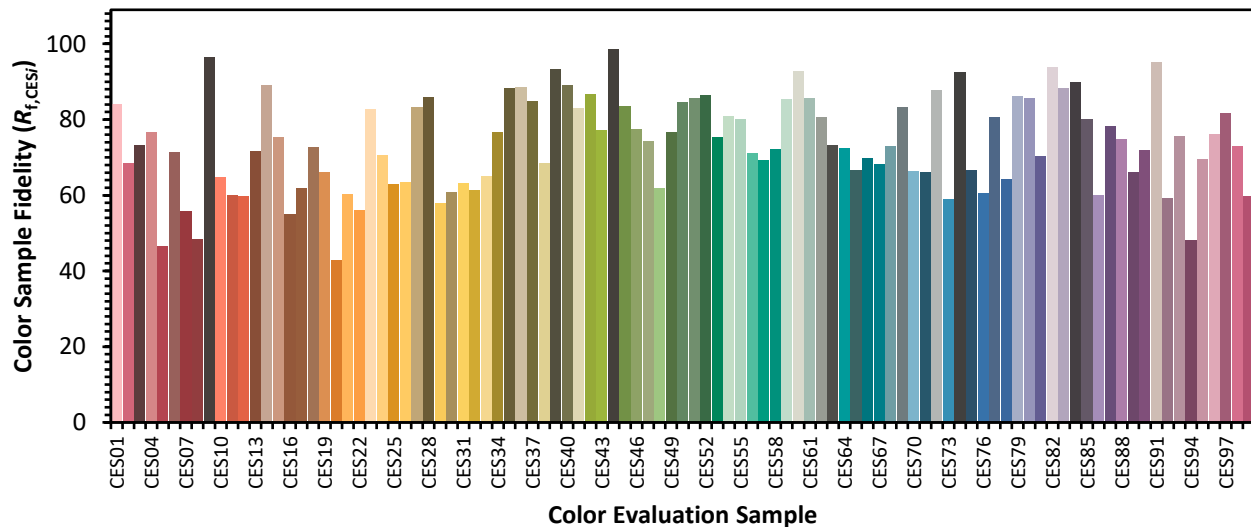


Color Vector Graphics

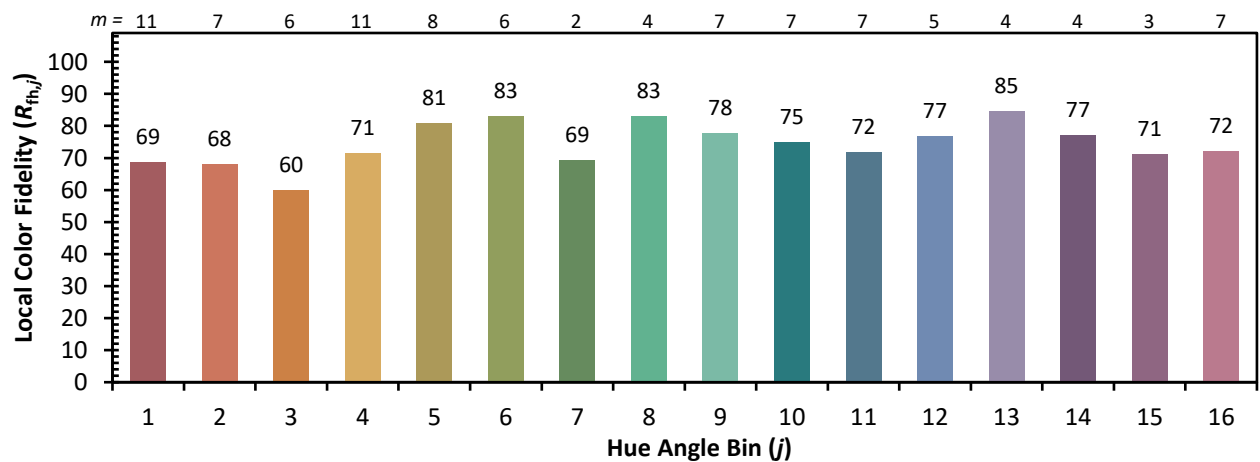
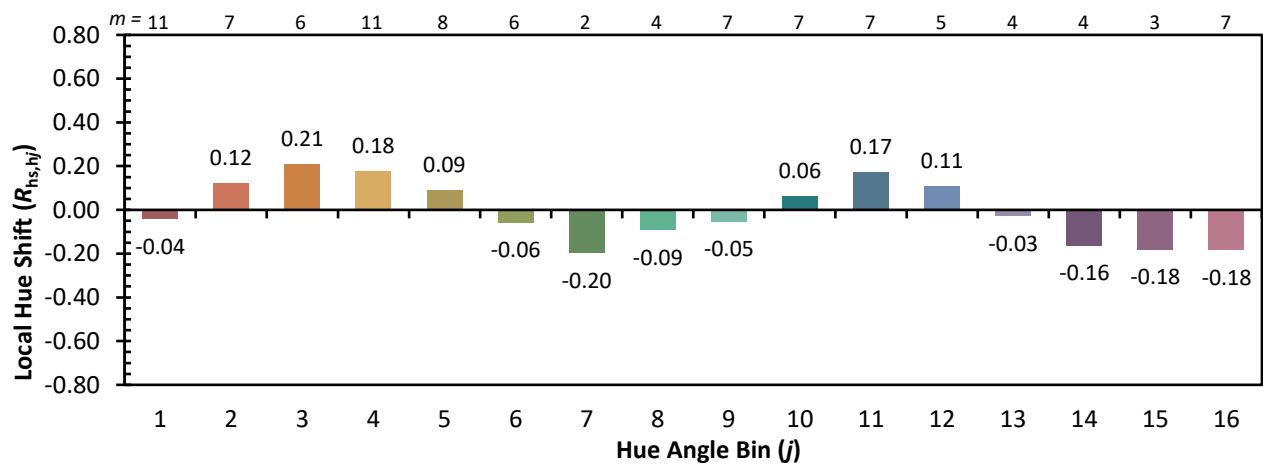
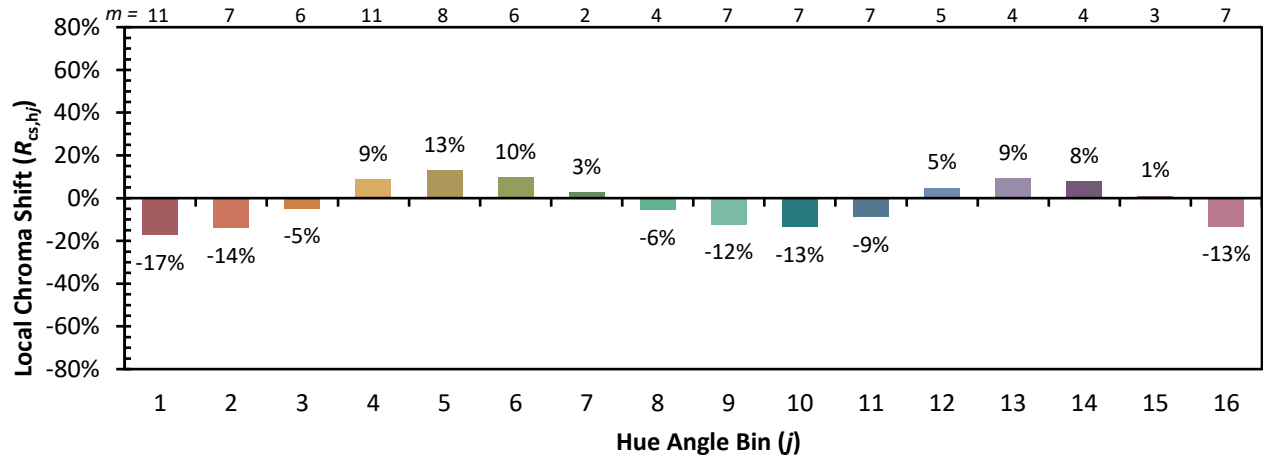


Individual Sample Fidelity Index ($R_{f,i}$)

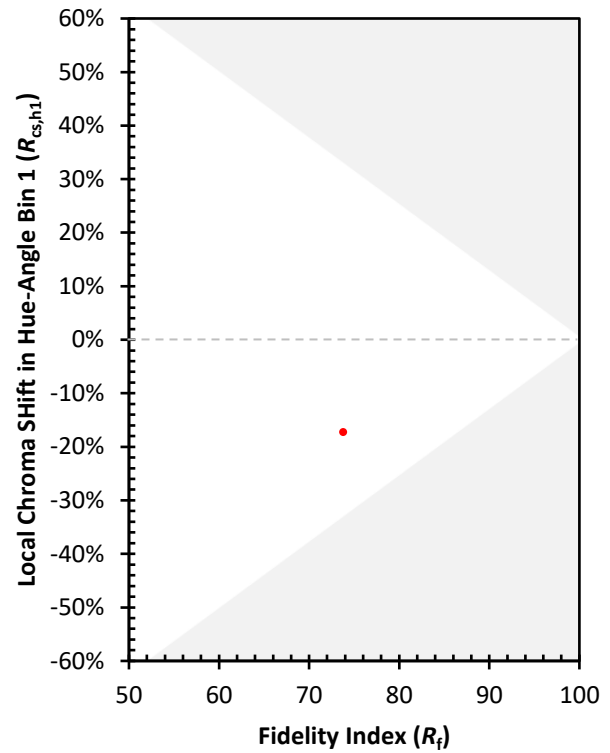
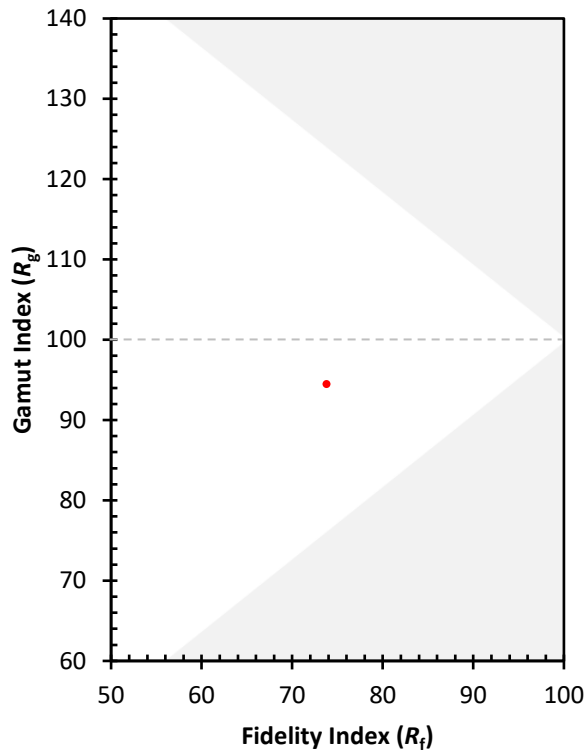
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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