

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: P1063490

Luminaire Tested: **GLAN-SA4B-760-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063490
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4B-760-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 5700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18060.4 lumens
Efficiency: N/A
Efficacy: 125.3 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

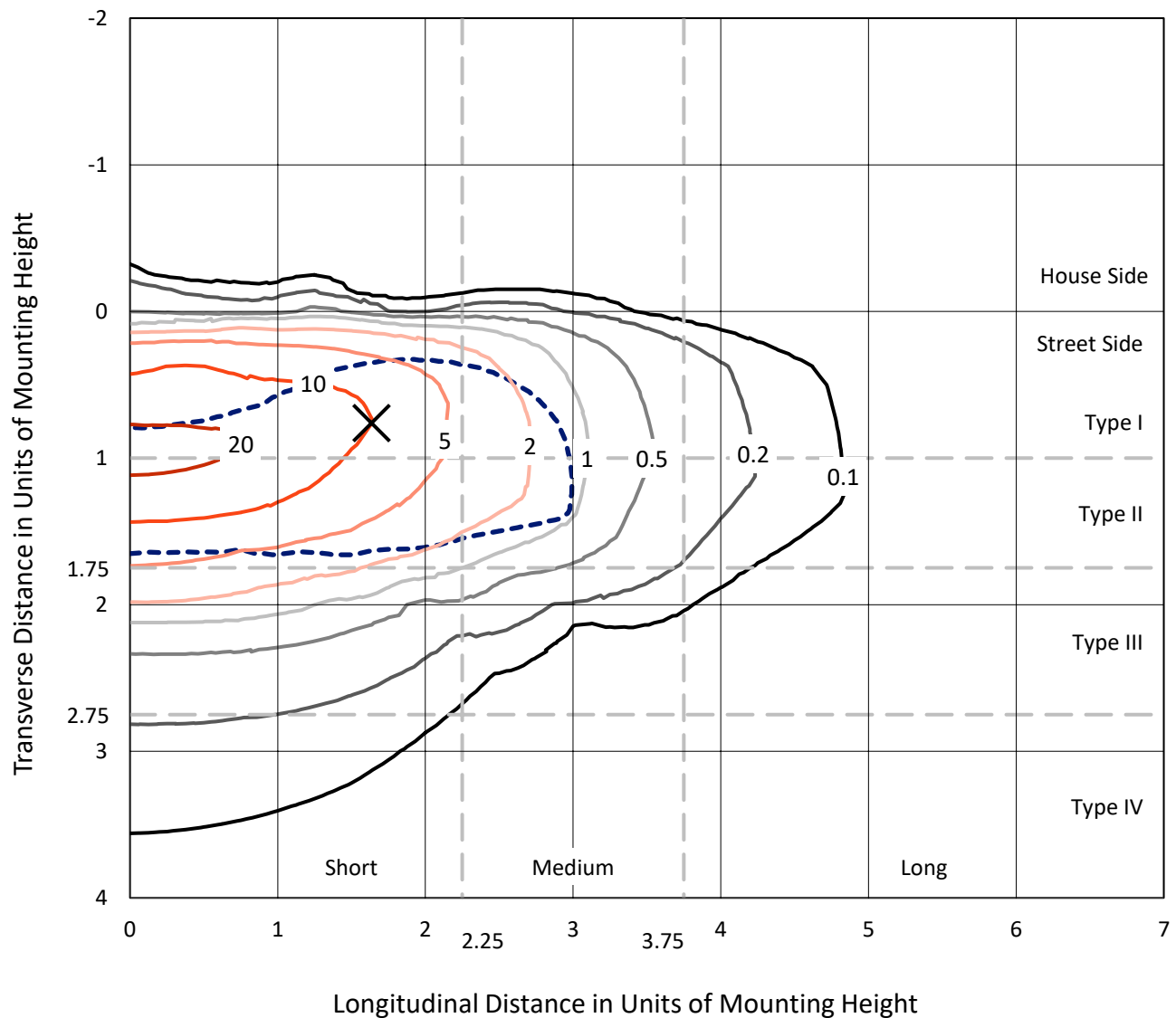


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

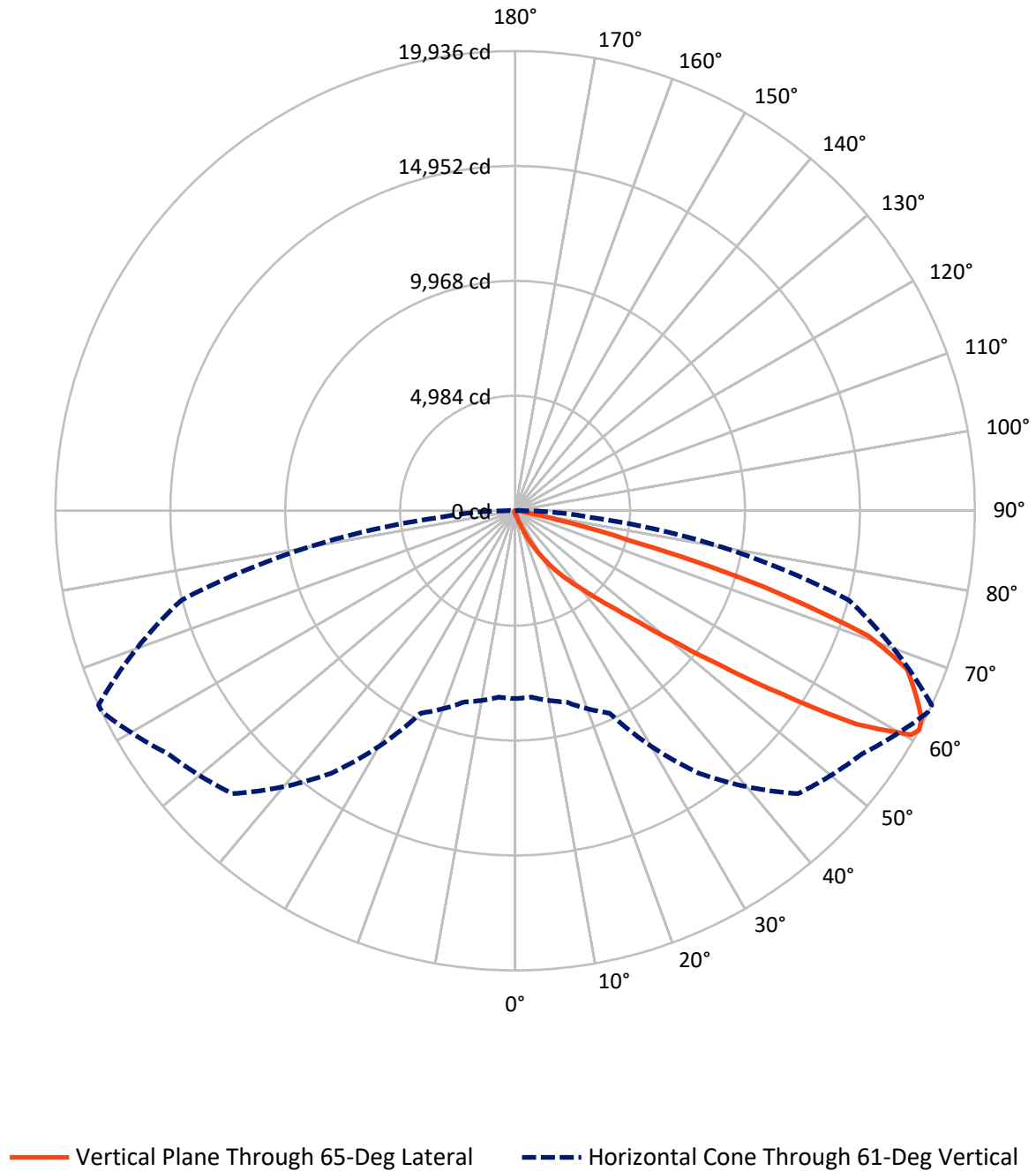


Based on 15 foot mounting height. Maximum calculated value = 23.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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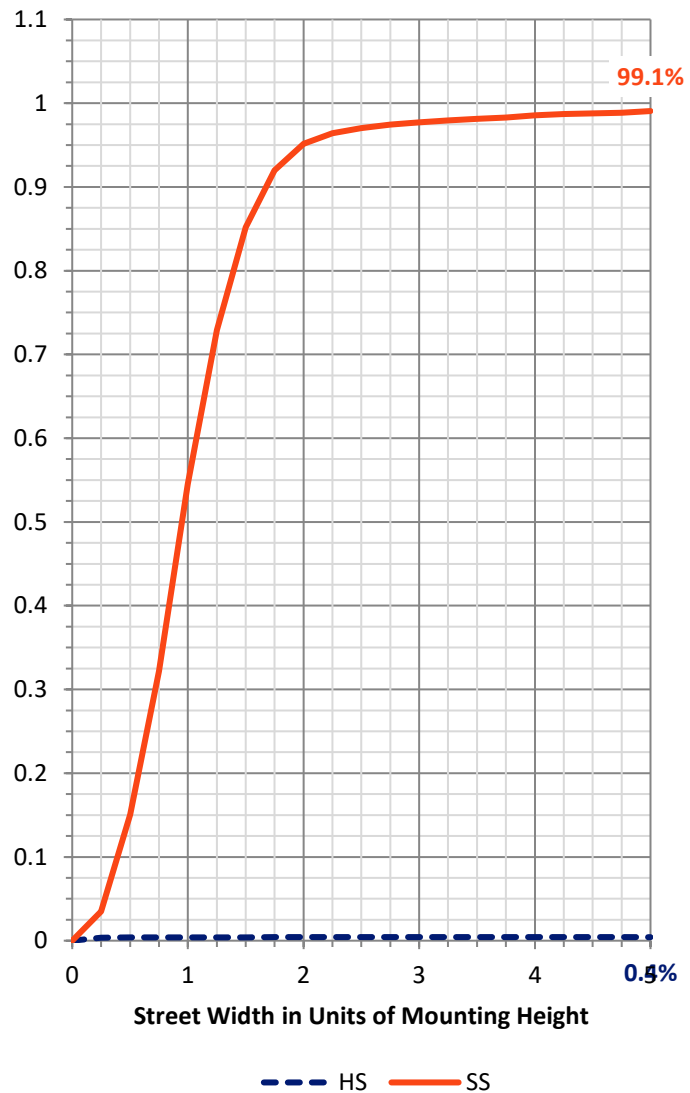
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.1	0.0	77.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17983.3	0.0	17983.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	18060.4	0.0	18060.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	0.1
10°-20°	148.5	0.8
20°-30°	533.0	3.0
30°-40°	1419.0	7.9
40°-50°	3727.8	20.6
50°-60°	5775.0	32.0
60°-70°	4842.3	26.8
70°-80°	1425.0	7.9
80°-90°	175.8	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°	18060.4	100.0
0°-180°	18060.4	100.0



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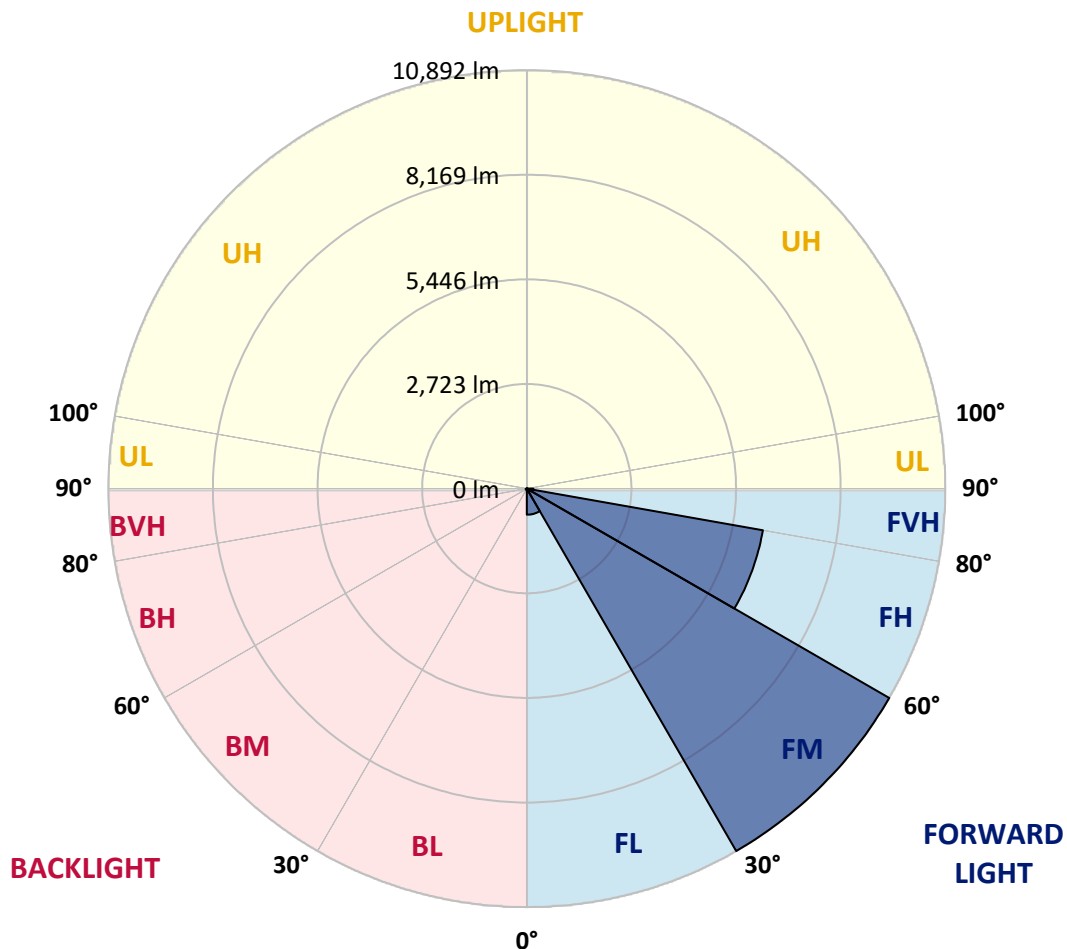
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	678.3	3.8			
FM	(30°-60°)	10892.5	60.3			
FH	(60°-80°)	6240.1	34.6			G3/7500
FVH	(80°-90°)	172.5	1.0			G2/225
BL	(0°-30°)	17.3	0.1	B0/110		
BM	(30°-60°)	29.3	0.2	B0/220		
BH	(60°-80°)	27.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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°	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6
2.5°	134.2	135.4	132.9	128.0	124.2	124.2	123.0	119.3	119.3	115.5	113.1
5°	187.6	185.1	180.1	170.2	161.5	152.8	144.1	135.4	134.2	123.0	115.5
7.5°	306.9	309.3	293.2	262.1	236.0	202.5	171.4	152.8	150.3	131.7	116.8
10°	673.4	654.7	617.5	496.9	408.7	308.1	228.6	177.7	175.2	141.6	119.3
12.5°	1227.5	1212.5	1144.2	1020.0	792.6	551.6	334.2	219.9	212.4	150.3	120.5
15°	1769.1	1745.5	1708.2	1582.8	1316.9	988.9	546.6	300.7	280.8	162.7	119.3
17.5°	2114.5	2118.2	2084.7	2031.3	1859.8	1463.5	944.2	448.5	410.0	185.1	116.8
20°	2416.4	2407.7	2426.3	2397.8	2277.2	1989.0	1374.1	710.6	644.8	221.1	118.0
22.5°	2764.3	2785.4	2799.0	2792.8	2659.9	2413.9	1862.3	1063.5	980.2	287.0	121.8
25°	3230.1	3227.7	3228.9	3212.7	3083.5	2810.2	2351.8	1502.0	1417.5	393.8	130.4
27.5°	3718.4	3733.3	3739.5	3681.1	3512.2	3243.8	2805.3	1981.6	1882.2	565.3	141.6
30°	4385.5	4373.1	4344.5	4225.3	4020.3	3687.3	3252.5	2484.7	2380.4	805.1	159.0
32.5°	5285.0	5271.3	5127.2	4863.8	4557.0	4149.5	3702.2	2989.1	2862.4	1104.5	182.6
35°	6767.1	6788.3	6434.2	5752.1	5201.8	4704.8	4200.4	3491.0	3379.2	1473.4	214.9
37.5°	9036.9	8921.4	8440.6	7235.5	6050.3	5398.1	4676.2	3997.9	3901.0	1928.1	257.2
40°	11242.1	11127.8	10988.7	9847.0	7525.0	6162.1	5342.2	4593.0	4467.5	2441.2	319.3
42.5°	13560.4	13497.0	13490.8	12629.8	10215.9	7363.5	6143.5	5290.0	5183.1	3004.0	421.2
45°	15202.8	15139.4	15272.4	15422.7	13880.9	9937.7	7538.6	6195.7	6040.4	3687.3	583.9
47.5°	15423.9	15426.4	15781.7	16252.6	16604.2	13919.4	9397.2	7395.8	7206.9	4665.1	857.2
50°	14688.4	14717.0	15282.3	16124.6	17071.3	17260.1	12674.6	9137.6	8858.0	5824.2	1244.8
52.5°	13288.3	13320.6	14108.3	15493.5	16641.4	18062.7	16533.3	11416.1	11094.3	7270.3	1791.5
55°	12027.3	12047.2	12950.4	14700.9	16123.4	17626.6	18824.3	14458.6	14036.2	9049.4	2330.7
57.5°	10778.7	10732.8	11320.4	13324.3	16035.2	17091.2	19162.2	17926.0	17460.1	10993.7	2750.6
60°	9109.0	9032.0	9504.1	10778.7	14874.8	17442.8	18529.8	19844.2	19738.6	13700.8	3074.8
61°	8148.6	8116.3	8590.9	9684.2	13898.3	17353.3	18378.3	19925.0	19936.2	14981.6	3220.2
62.5°	5819.2	5911.2	6636.7	8058.0	11640.9	16773.1	18398.1	19675.3	19785.9	16683.7	3596.6
65°	2586.6	2734.4	3298.5	4455.1	6769.6	13953.0	18221.7	19127.4	19072.7	17150.8	4893.7
67.5°	1534.3	1556.7	1837.5	2524.5	3585.5	7505.1	16079.9	18403.1	18329.8	14930.7	6088.8
70°	1208.8	1220.0	1309.4	1584.0	2081.0	2874.8	9177.3	15922.1	16241.4	12106.8	5960.9
72.5°	1146.7	1144.2	1156.6	1205.1	1310.7	1426.2	3553.2	10583.7	11233.4	8718.9	4998.0
75°	1131.8	1126.8	1114.4	1095.8	949.2	839.8	1100.7	4681.2	5057.7	5957.1	3763.1
77.5°	1098.2	1099.5	1102.0	1051.0	813.7	593.8	533.0	1502.0	1847.4	3780.5	2674.8
80°	742.9	754.1	772.7	752.9	731.8	429.9	376.4	534.2	541.7	2122.0	1766.6
82.5°	376.4	376.4	367.7	328.0	283.3	279.5	299.4	387.6	392.6	1073.4	831.1
85°	227.4	239.8	244.7	222.4	203.7	187.6	228.6	308.1	319.3	416.2	193.8
87.5°	50.9	52.2	57.1	75.8	110.6	150.3	212.4	282.0	287.0	267.1	23.6
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-SA4B-760-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6	110.6
2.5°	111.8	109.3	108.1	104.4	100.6	96.9	94.4	93.2	94.4	95.7	95.7
5°	110.6	106.8	100.6	94.4	89.5	84.5	79.5	78.3	78.3	79.5	79.5
7.5°	110.6	104.4	95.7	88.2	80.8	73.3	69.6	67.1	68.3	68.3	68.3
10°	110.6	103.1	91.9	80.8	72.1	63.4	57.1	54.7	54.7	54.7	54.7
12.5°	109.3	101.9	88.2	74.5	62.1	52.2	44.7	41.0	42.2	42.2	42.2
15°	106.8	98.1	83.2	63.4	49.7	39.8	32.3	28.6	29.8	32.3	33.5
17.5°	103.1	94.4	74.5	53.4	39.8	29.8	22.4	19.9	21.1	24.8	24.8
20°	101.9	90.7	65.8	43.5	29.8	21.1	14.9	12.4	13.7	18.6	19.9
22.5°	101.9	88.2	59.6	36.0	22.4	13.7	8.7	5.0	5.0	8.7	8.7
25°	103.1	87.0	54.7	29.8	16.2	9.9	5.0	2.5	5.0	13.7	16.2
27.5°	105.6	85.7	52.2	24.8	12.4	8.7	3.7	8.7	14.9	14.9	14.9
30°	108.1	83.2	48.5	21.1	11.2	6.2	6.2	12.4	12.4	14.9	16.2
32.5°	111.8	82.0	46.0	18.6	8.7	5.0	8.7	7.5	7.5	8.7	9.9
35°	119.3	83.2	43.5	18.6	8.7	6.2	7.5	3.7	2.5	2.5	2.5
37.5°	129.2	84.5	39.8	16.2	7.5	7.5	3.7	0.0	0.0	0.0	0.0
40°	145.4	88.2	37.3	14.9	6.2	6.2	1.2	0.0	0.0	0.0	0.0
42.5°	172.7	95.7	36.0	13.7	6.2	5.0	0.0	0.0	0.0	0.0	0.0
45°	227.4	113.1	33.5	12.4	6.2	2.5	0.0	0.0	0.0	0.0	0.0
47.5°	326.7	154.1	32.3	9.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	477.1	208.7	31.1	8.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	608.8	219.9	21.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	623.7	151.6	16.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	496.9	98.1	13.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	376.4	74.5	12.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	361.5	67.1	12.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	398.8	58.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	648.5	48.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1126.8	42.2	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1423.7	39.8	7.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1241.1	36.0	7.5	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	746.7	31.1	7.5	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	391.3	23.6	7.5	6.2	3.7	1.2	0.0	0.0	0.0	0.0	0.0
80°	190.1	21.1	8.7	6.2	5.0	2.5	0.0	0.0	0.0	0.0	0.0
82.5°	74.5	17.4	9.9	8.7	6.2	3.7	1.2	0.0	0.0	0.0	0.0
85°	33.5	14.9	11.2	9.9	8.7	5.0	1.2	0.0	0.0	0.0	0.0
87.5°	17.4	13.7	12.4	11.2	8.7	6.2	2.5	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-760-U-5WQ

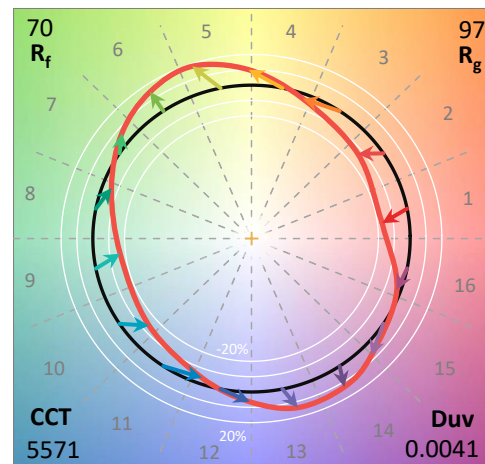
Data in this report applies to families of products including GSS-SB1A-760-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-70-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

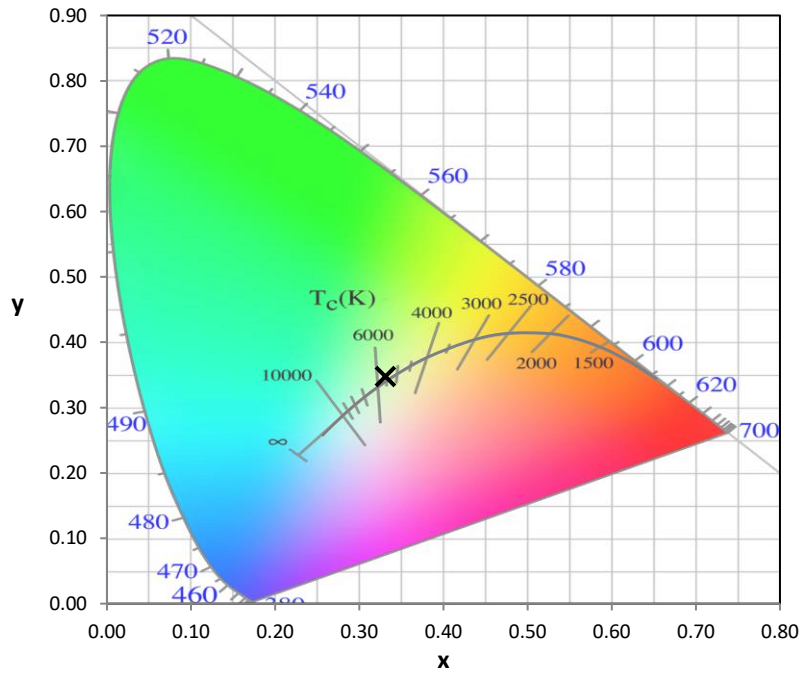
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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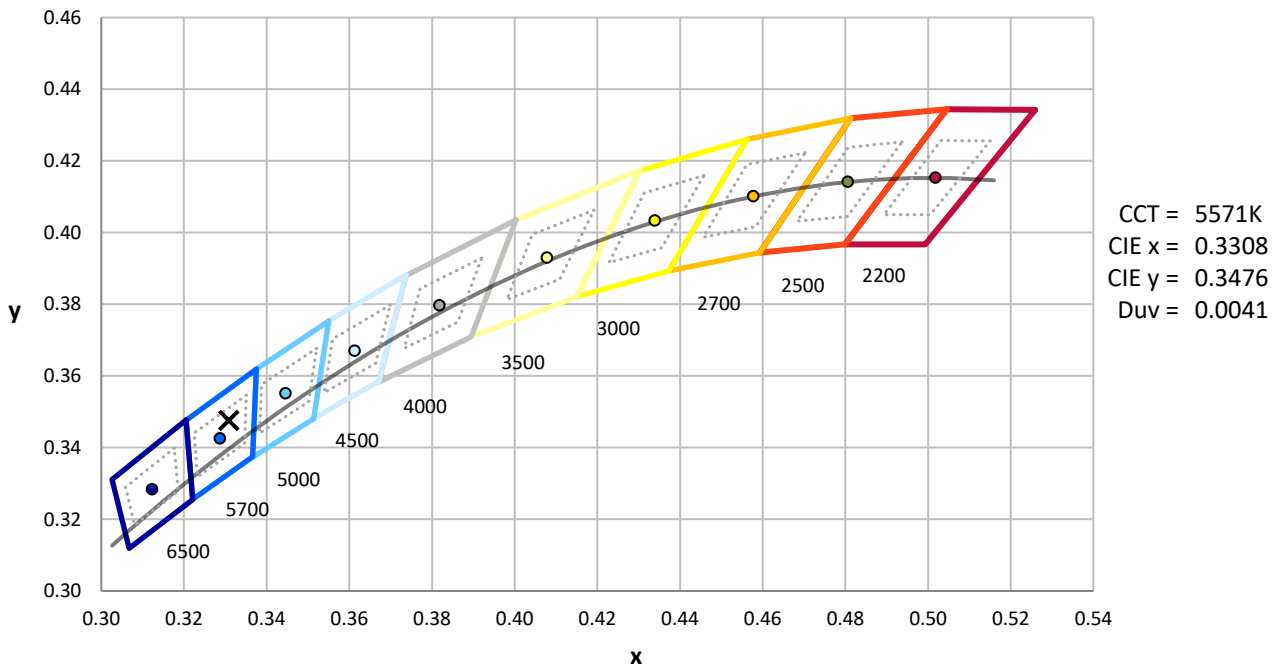
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



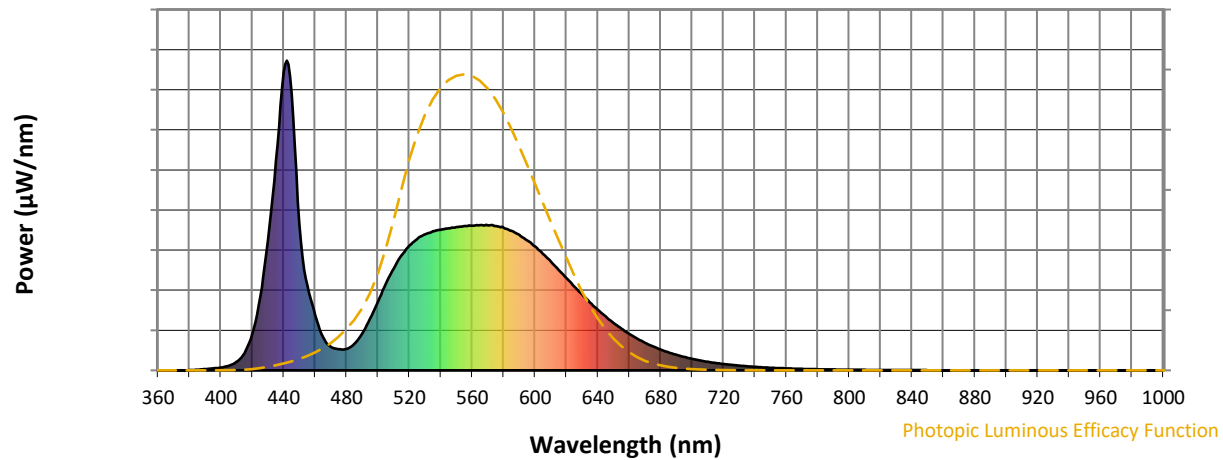
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

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Photopic Flux vs. Wavelength

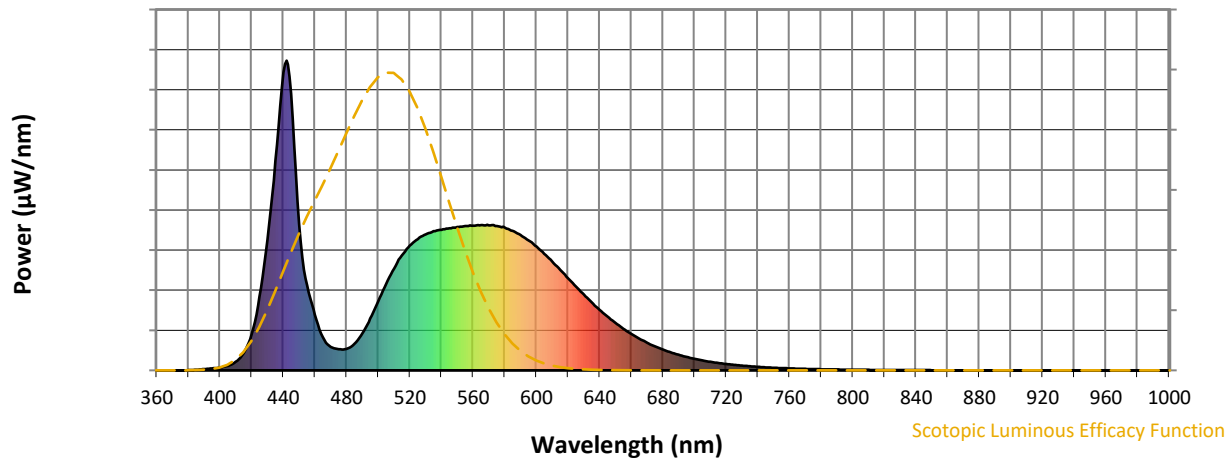


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



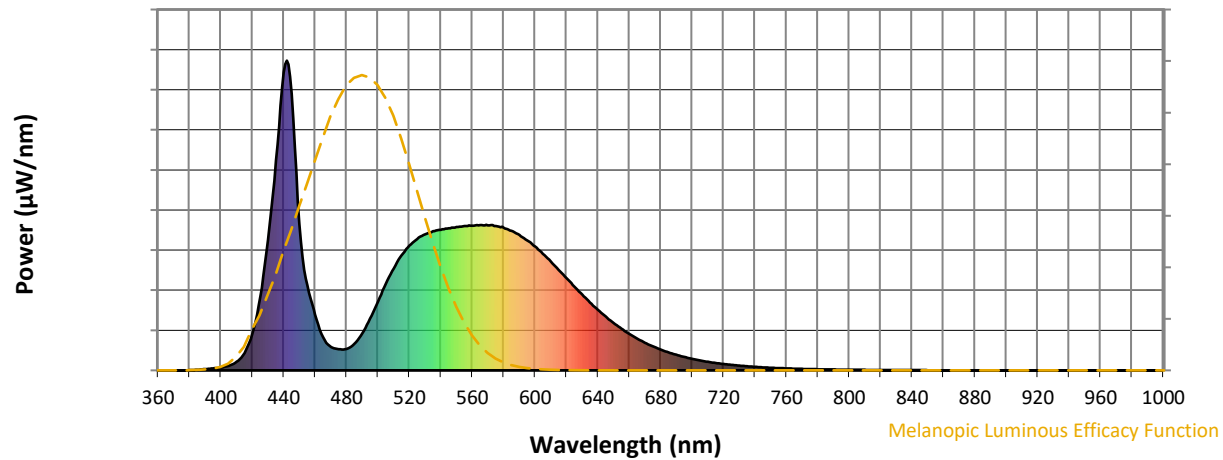
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.71

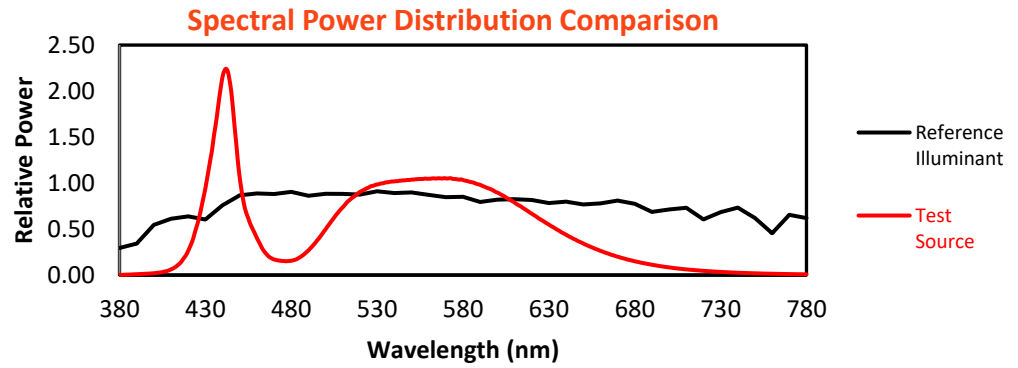
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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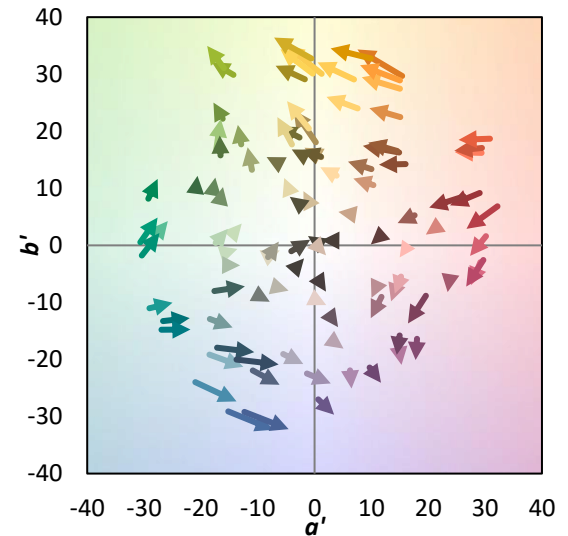
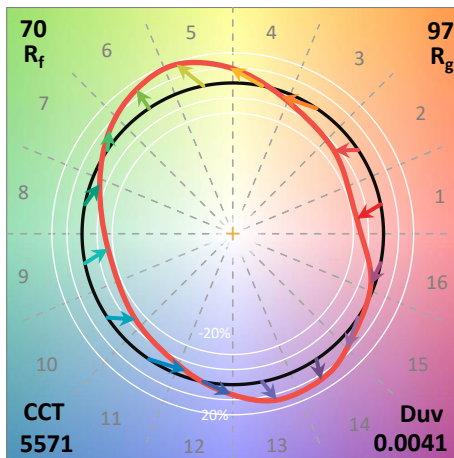
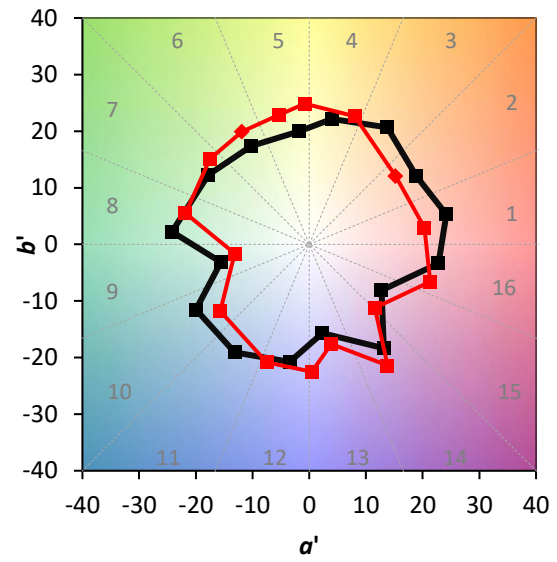
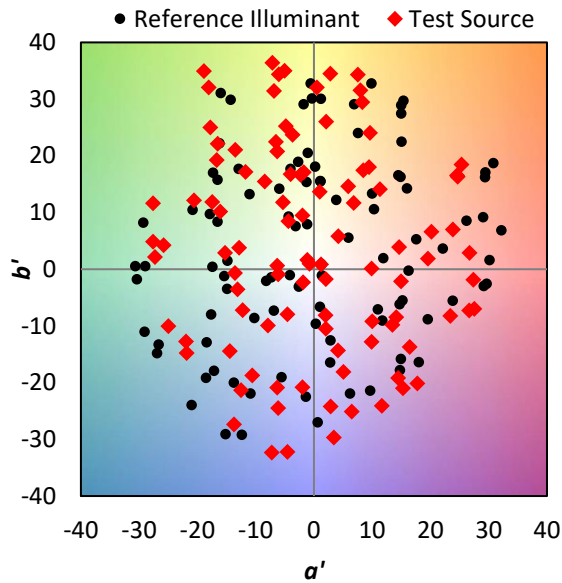
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE\ R_a = 69.9$
 $R_g = -35.4$

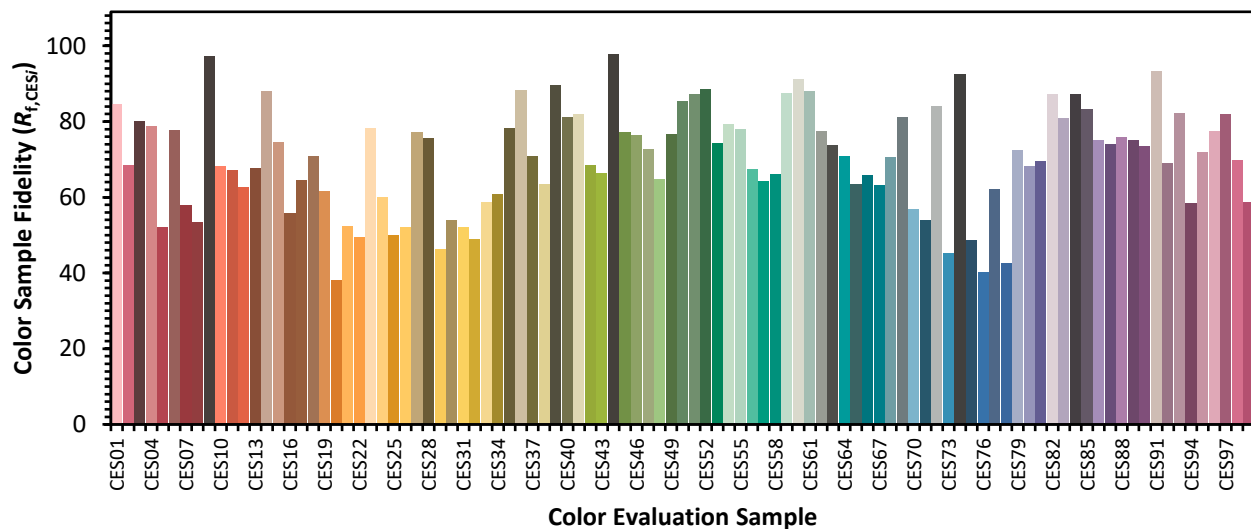


Color Vector Graphics

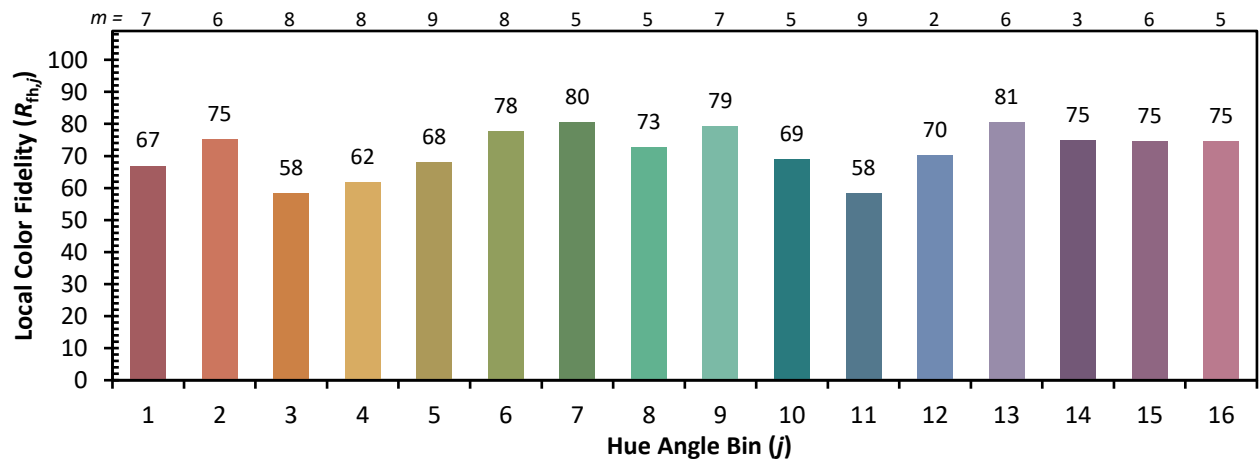
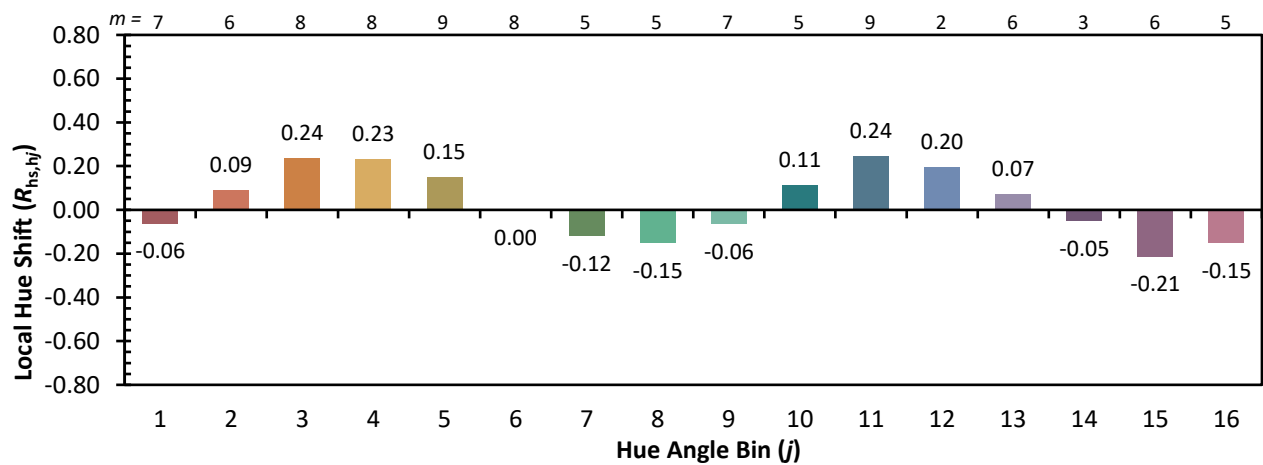
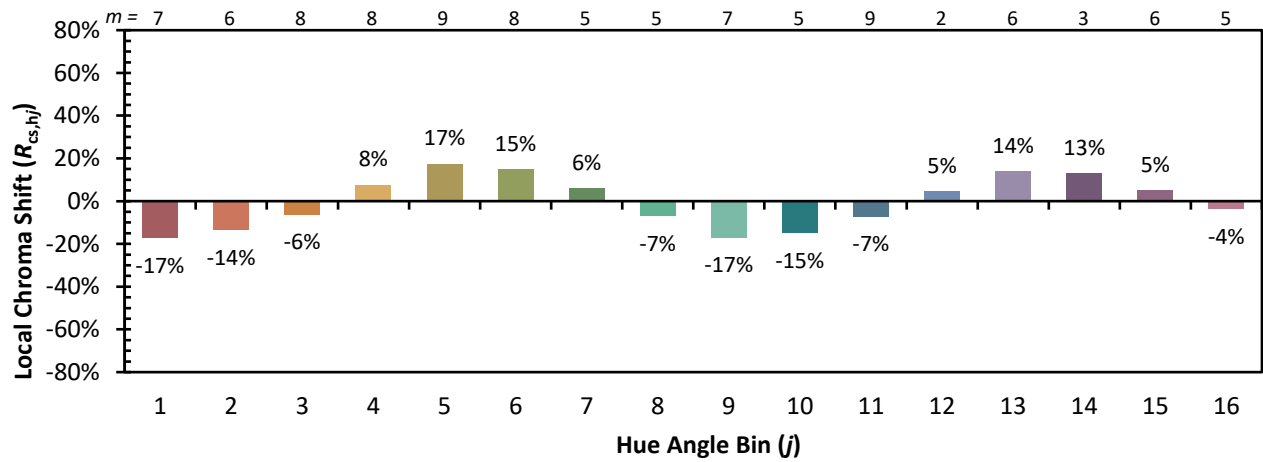


Individual Sample Fidelity Index ($R_{f,i}$)

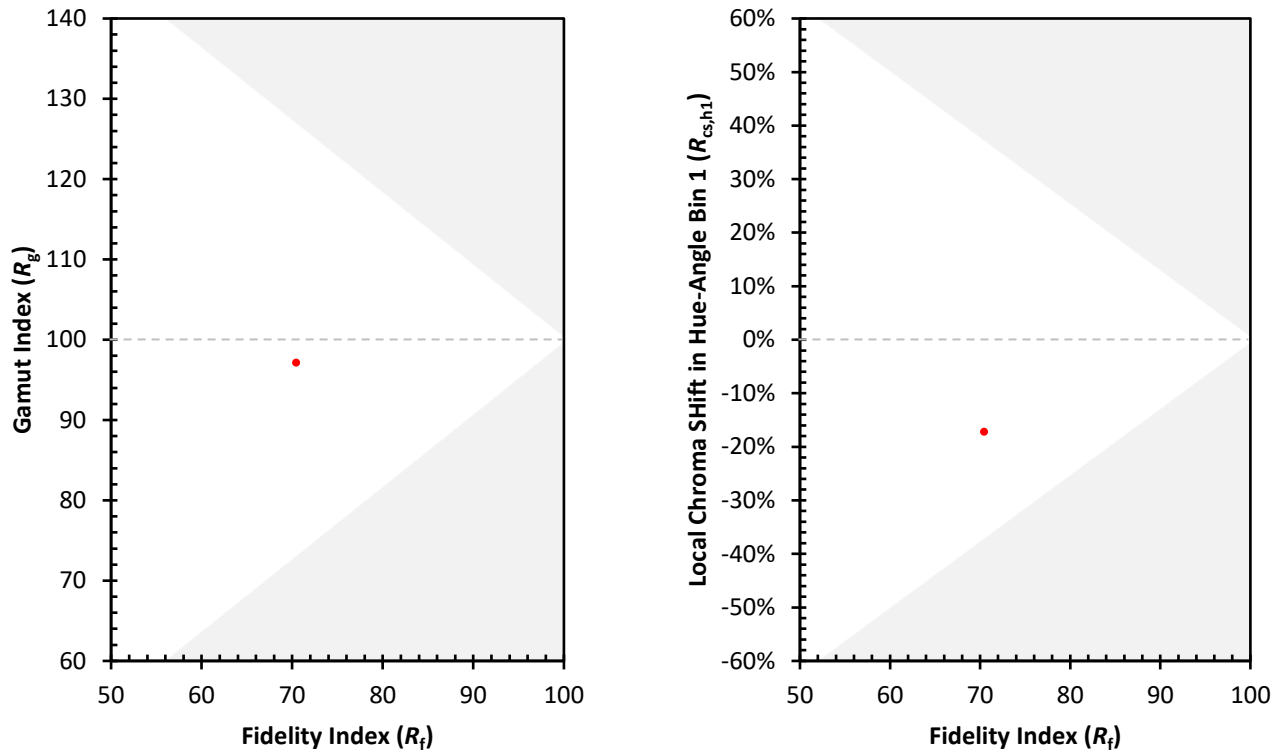
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)