

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: P1064086

Luminaire Tested: **GLAN-SA9B-750-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064086
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9B-750-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40360.5 lumens
Efficiency: N/A
Efficacy: 129.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

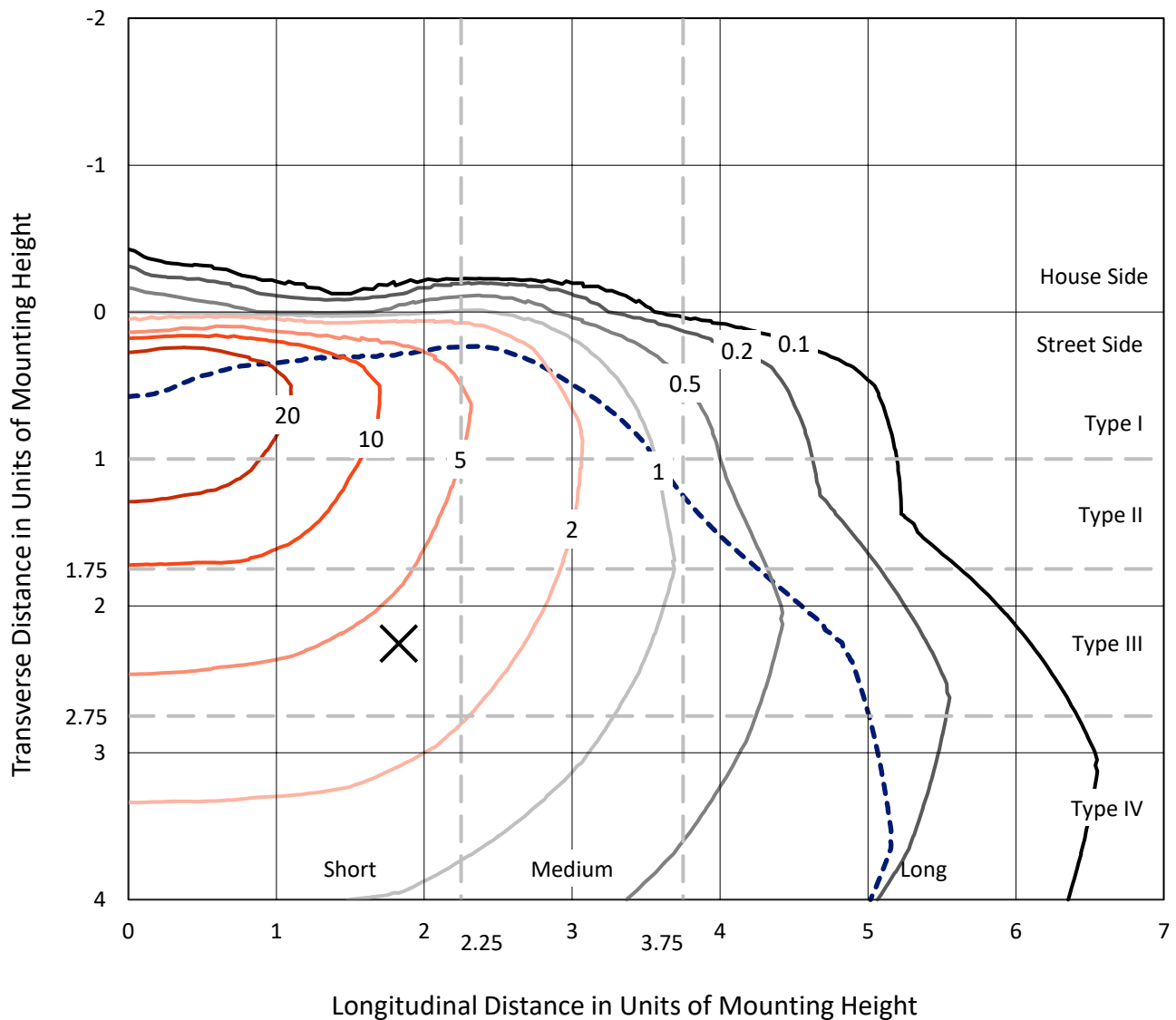


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

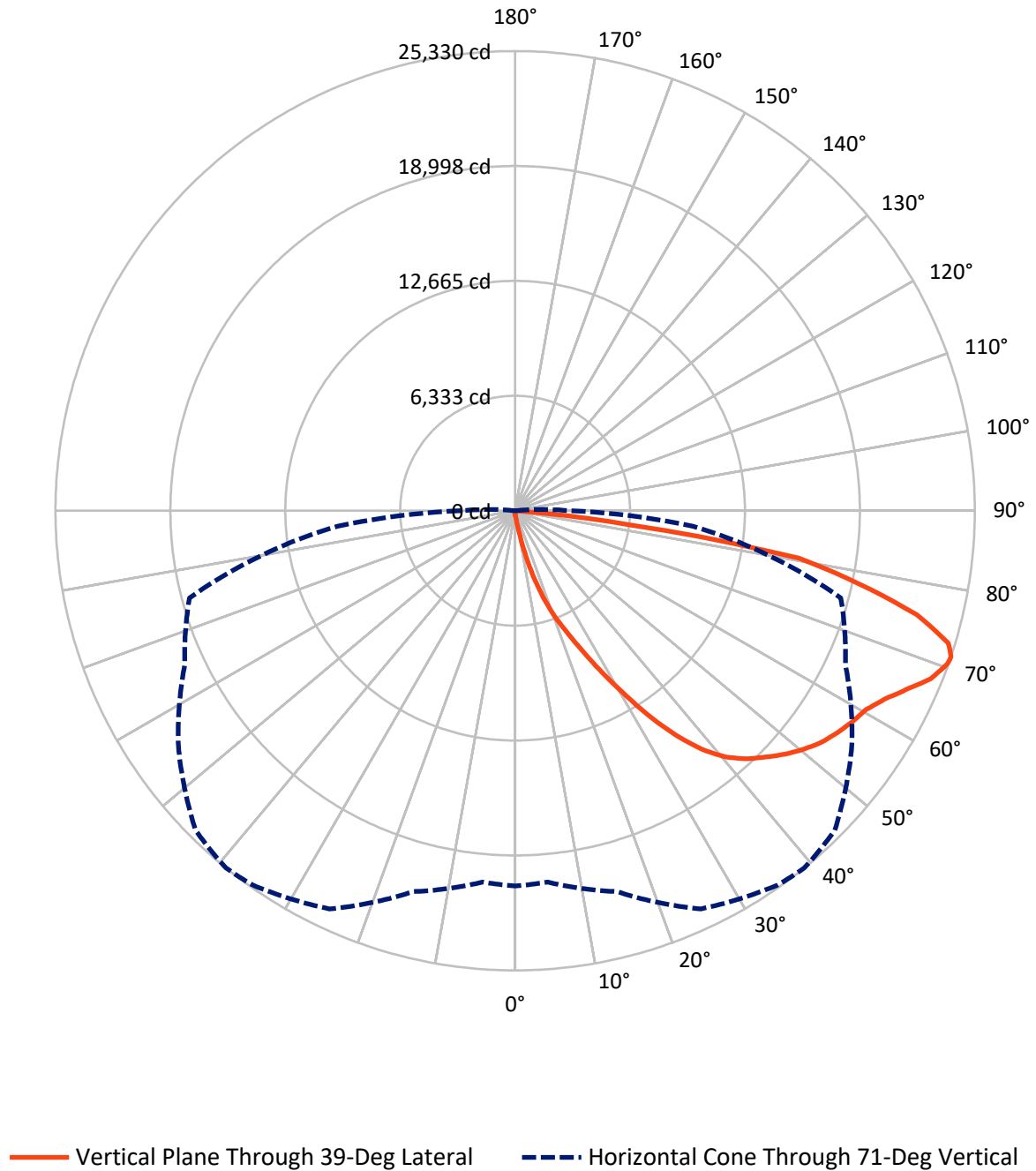


Based on 15 foot mounting height. Maximum calculated value = 41.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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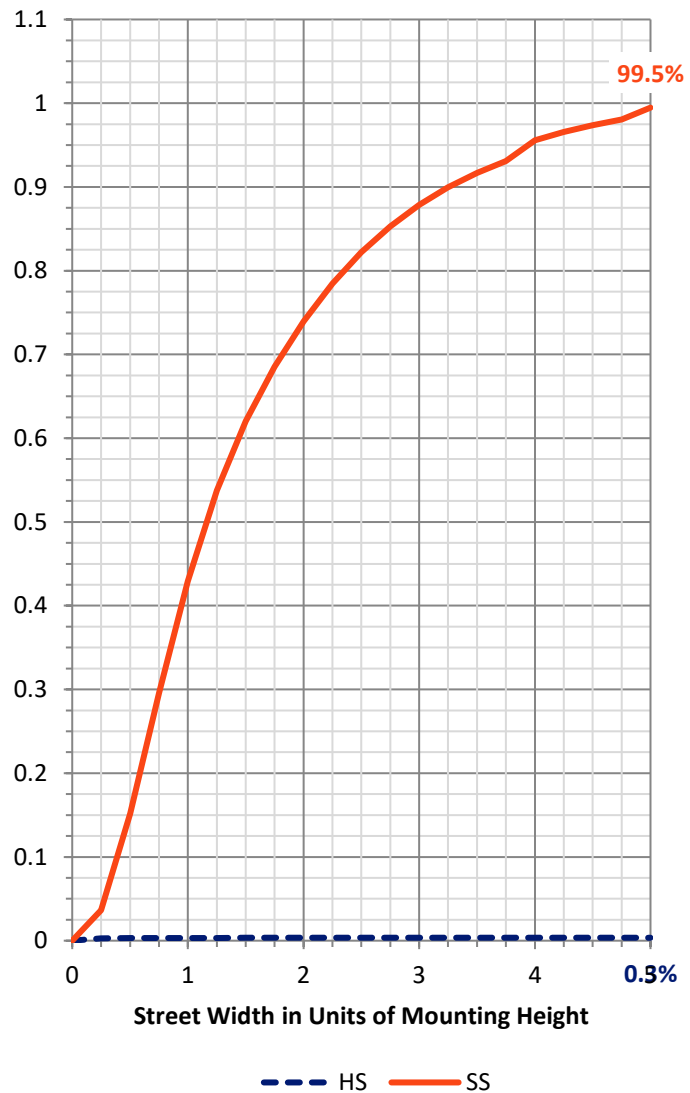
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	143.4	0.0	143.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	40217.1	0.0	40217.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	40360.5	0.0	40360.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.7	0.1
10°-20°	431.4	1.1
20°-30°	1536.2	3.8
30°-40°	3702.4	9.2
40°-50°	6196.3	15.4
50°-60°	7958.4	19.7
60°-70°	10071.5	25.0
70°-80°	8979.1	22.2
80°-90°	1451.4	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°	40360.5	100.0
0°-180°	40360.5	100.0



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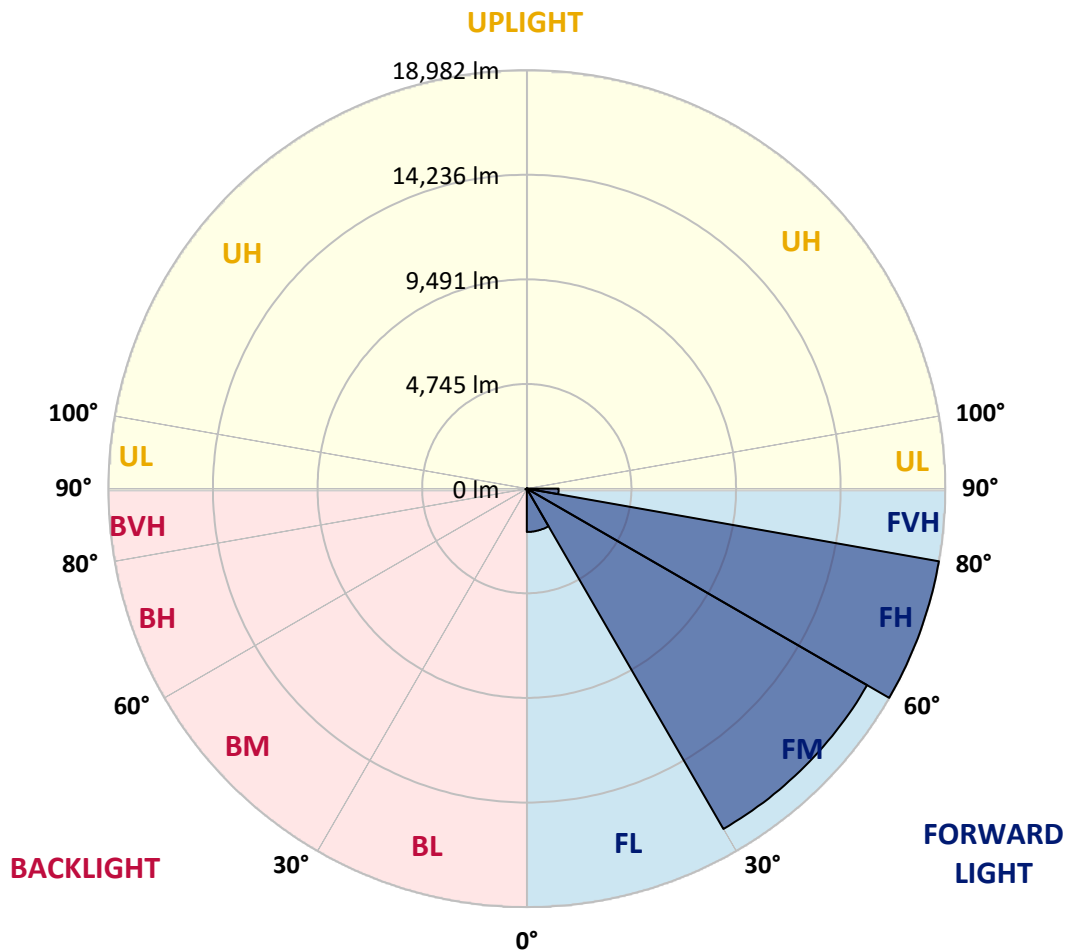
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1966.6	4.9			
FM	(30°-60°)	17824.0	44.2			
FH	(60°-80°)	18981.6	47.0			G5
FVH	(80°-90°)	1444.8	3.6			G5
BL	(0°-30°)	34.7	0.1	B0/110		
BM	(30°-60°)	33.2	0.1	B0/220		
BH	(60°-80°)	69.0	0.2	B0/110		G0/110
BVH	(80°-90°)	6.6	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3
2.5°	254.1	254.1	254.1	245.9	245.9	243.2	240.4	240.4	235.0	232.2	226.8
5°	385.2	377.0	357.9	347.0	325.1	311.5	297.8	278.7	259.6	245.9	229.5
7.5°	871.6	890.7	827.9	710.4	590.2	538.2	450.8	363.4	300.5	259.6	232.2
10°	2221.3	2210.3	1997.2	1762.3	1360.6	1199.4	939.9	592.9	388.0	284.1	235.0
12.5°	3778.6	3767.7	3516.3	3196.7	2666.6	2330.6	1838.8	1106.5	557.4	322.4	235.0
15°	5087.3	5043.6	4964.4	4647.5	4027.2	3745.8	3095.6	1956.2	901.6	388.0	240.4
17.5°	5953.4	5915.2	5841.4	5726.7	5333.2	4999.9	4478.1	3073.7	1459.0	502.7	251.4
20°	6748.5	6721.2	6661.1	6639.2	6385.1	6207.5	5775.9	4357.8	2273.2	683.0	267.8
22.5°	7841.4	7784.0	7808.6	7677.5	7428.8	7215.7	6950.7	5702.1	3267.7	983.6	297.8
25°	9180.2	9152.8	9084.5	8991.6	8647.4	8461.6	8054.5	6969.8	4379.7	1377.0	330.6
27.5°	10797.6	10767.6	10751.2	10538.1	10141.9	9939.7	9371.4	8166.5	5631.0	1928.9	374.3
30°	12661.0	12674.6	12568.1	12294.9	11833.1	11549.0	10964.3	9420.6	6912.4	2576.5	420.8
32.5°	14589.9	14562.6	14398.6	14076.2	13663.7	13398.7	12655.5	10794.9	8256.7	3431.6	475.4
35°	16669.1	16617.2	16185.5	15816.7	15464.2	15130.9	14453.3	12390.5	9600.9	4390.6	549.2
37.5°	18767.4	18524.3	17658.1	17190.9	16947.8	16674.6	16043.4	14092.6	10937.0	5461.6	639.3
40°	20352.1	20163.6	19136.3	18275.6	18081.6	17849.4	17379.5	15562.6	12357.7	6611.9	748.6
42.5°	21229.1	21125.3	20201.8	19352.1	18895.8	18690.9	18289.3	16846.7	13762.0	7882.4	907.1
45°	21603.4	21442.2	20824.8	20428.6	19701.8	19363.0	18884.9	17816.6	15229.2	9325.0	1128.4
47.5°	21488.7	21395.8	20953.2	21098.0	20570.7	20043.3	19341.2	18559.8	16483.3	10980.7	1431.7
50°	20767.4	20688.1	20551.5	21335.7	21270.1	20647.2	19931.3	19147.2	17507.9	12688.3	1901.6
52.5°	19395.8	19363.0	19712.8	21149.9	21666.3	21179.9	20499.6	19666.3	18464.1	14472.4	2573.7
55°	17628.1	17762.0	18762.0	20860.3	21868.5	21573.4	21002.3	20152.6	19231.9	16068.0	3565.5
57.5°	16901.3	16936.8	18185.5	20655.4	21958.6	21920.4	21491.4	20617.1	19936.8	17343.9	5079.1
60°	17751.0	17696.4	18354.9	20811.1	22138.9	22231.8	21925.8	21048.8	20548.8	18439.6	7095.5
62.5°	19286.5	19256.5	19466.9	21475.0	22666.3	22854.8	22529.6	21360.3	21089.8	19160.9	9396.0
65°	20658.1	20595.3	20986.0	22652.6	23592.5	23726.3	23442.2	21893.0	21327.5	19685.4	11557.2
67.5°	21251.0	21237.3	21865.7	23772.8	24565.1	24709.9	24461.3	22628.0	21272.8	19852.1	12510.7
70°	20980.5	20928.6	21934.0	24248.2	25114.3	25278.2	25037.8	22901.2	20679.9	19324.8	11098.2
71°	20682.7	20543.3	21729.1	24215.4	25190.8	25330.1	24909.4	22652.6	20084.3	18576.2	9816.8
72.5°	19759.2	19783.8	21166.3	23873.9	25007.7	24966.8	24182.6	21761.9	19365.8	16876.7	7885.1
75°	17486.0	17630.8	19343.9	22439.5	23373.9	22852.0	21652.6	20059.7	17923.2	12100.9	5475.3
77.5°	14289.4	14505.2	16387.7	19680.0	19414.9	19363.0	19313.9	17674.5	15305.7	6499.9	3808.7
80°	6822.3	7289.5	9885.1	14048.9	15262.0	15849.4	15480.6	14242.9	11835.8	3095.6	2275.9
82.5°	445.3	439.9	622.9	1180.3	4975.3	6431.6	10218.4	10180.1	8251.2	1508.2	928.9
85°	210.4	215.8	237.7	270.5	314.2	344.3	475.4	2786.8	3948.0	718.6	202.2
87.5°	122.9	125.7	147.5	188.5	245.9	273.2	325.1	418.0	513.7	396.2	43.7
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-SA9B-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3	221.3
2.5°	224.0	221.3	213.1	204.9	196.7	191.3	188.5	191.3	191.3	194.0	194.0
5°	224.0	215.8	202.2	185.8	174.9	163.9	158.5	155.7	158.5	158.5	158.5
7.5°	221.3	207.6	188.5	169.4	155.7	142.1	136.6	133.9	133.9	136.6	136.6
10°	215.8	202.2	177.6	155.7	139.3	122.9	114.8	106.6	106.6	106.6	109.3
12.5°	213.1	194.0	163.9	142.1	120.2	101.1	84.7	76.5	79.2	79.2	79.2
15°	207.6	185.8	155.7	128.4	101.1	76.5	62.8	54.6	57.4	60.1	57.4
17.5°	207.6	183.1	144.8	112.0	79.2	57.4	46.4	41.0	41.0	43.7	43.7
20°	207.6	177.6	136.6	95.6	60.1	43.7	32.8	30.1	30.1	35.5	38.3
22.5°	213.1	177.6	125.7	79.2	49.2	32.8	24.6	21.9	24.6	30.1	32.8
25°	221.3	174.9	114.8	71.0	41.0	24.6	19.1	13.7	16.4	21.9	24.6
27.5°	229.5	172.1	103.8	62.8	32.8	19.1	13.7	10.9	8.2	10.9	10.9
30°	237.7	172.1	92.9	51.9	27.3	13.7	8.2	5.5	2.7	0.0	0.0
32.5°	243.2	166.7	84.7	41.0	21.9	10.9	5.5	2.7	0.0	0.0	0.0
35°	248.6	161.2	73.8	32.8	16.4	8.2	2.7	0.0	0.0	0.0	0.0
37.5°	254.1	153.0	62.8	27.3	13.7	5.5	0.0	0.0	0.0	0.0	0.0
40°	259.6	142.1	51.9	24.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	265.0	133.9	43.7	19.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	278.7	128.4	35.5	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	303.3	122.9	32.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	338.8	117.5	30.1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	388.0	114.8	27.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	475.4	112.0	24.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	625.7	109.3	24.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	959.0	103.8	24.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1713.1	101.1	21.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2986.3	103.8	21.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4281.3	109.3	19.1	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	3663.9	95.6	19.1	10.9	5.5	2.7	0.0	0.0	0.0	0.0	0.0
71°	2986.3	84.7	19.1	10.9	5.5	2.7	2.7	0.0	0.0	0.0	0.0
72.5°	1920.7	65.6	16.4	10.9	5.5	5.5	2.7	0.0	0.0	0.0	0.0
75°	811.5	54.6	16.4	10.9	8.2	5.5	5.5	2.7	0.0	0.0	0.0
77.5°	347.0	41.0	16.4	13.7	10.9	8.2	8.2	5.5	2.7	0.0	0.0
80°	131.1	32.8	19.1	16.4	13.7	13.7	10.9	5.5	2.7	0.0	0.0
82.5°	60.1	27.3	19.1	16.4	16.4	13.7	10.9	8.2	5.5	0.0	0.0
85°	38.3	24.6	19.1	16.4	16.4	13.7	13.7	8.2	5.5	0.0	0.0
87.5°	30.1	24.6	19.1	19.1	16.4	16.4	10.9	8.2	2.7	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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

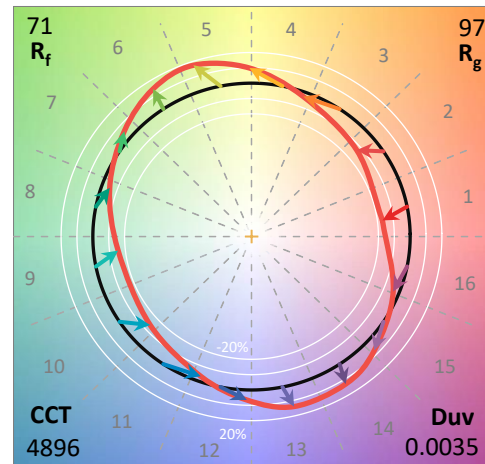
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

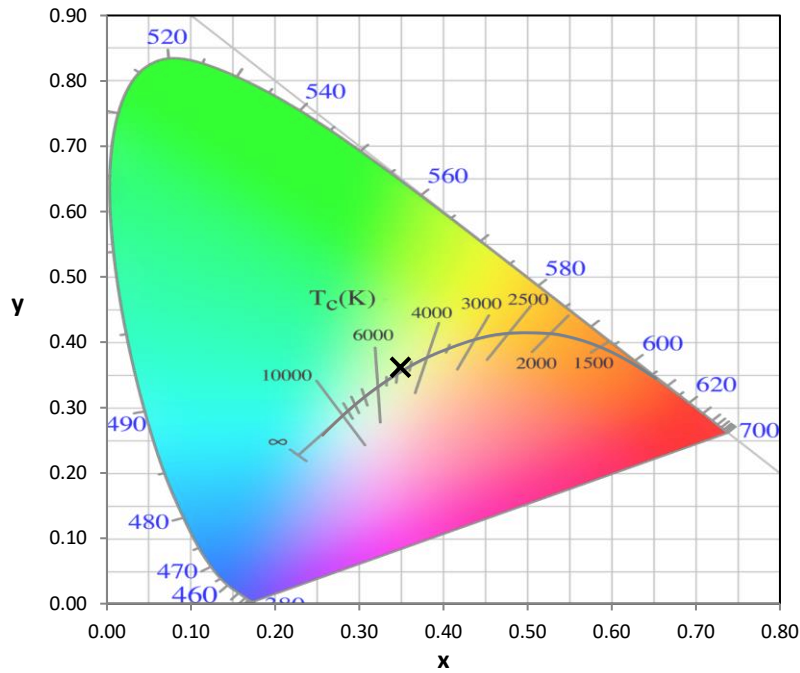
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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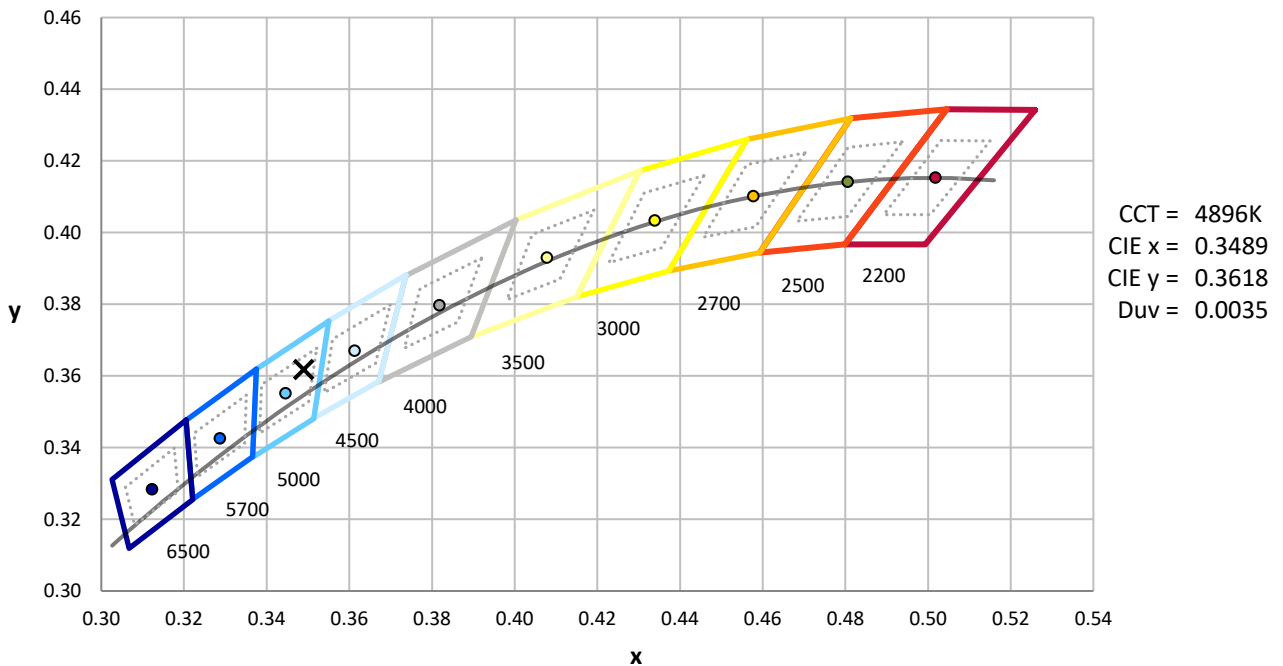
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



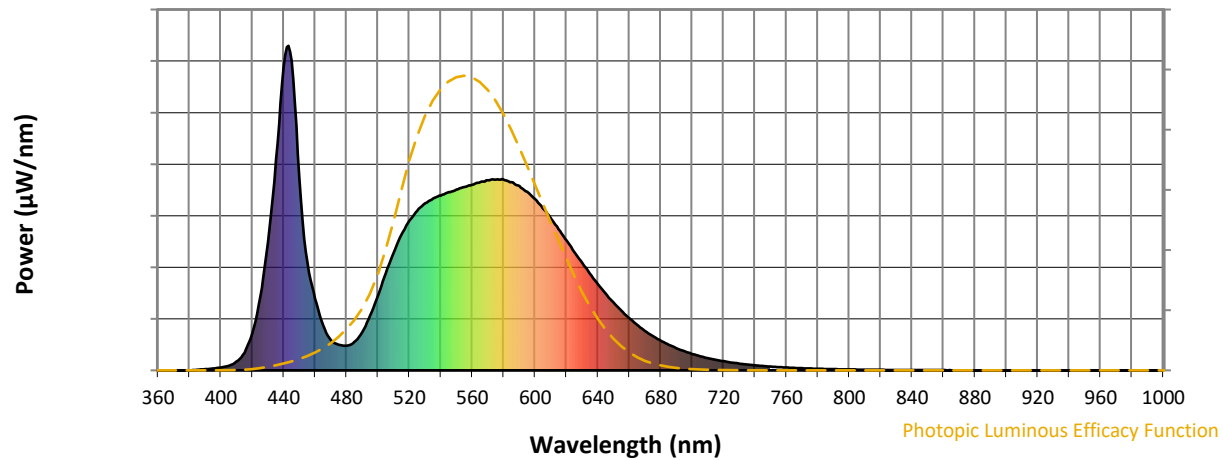
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

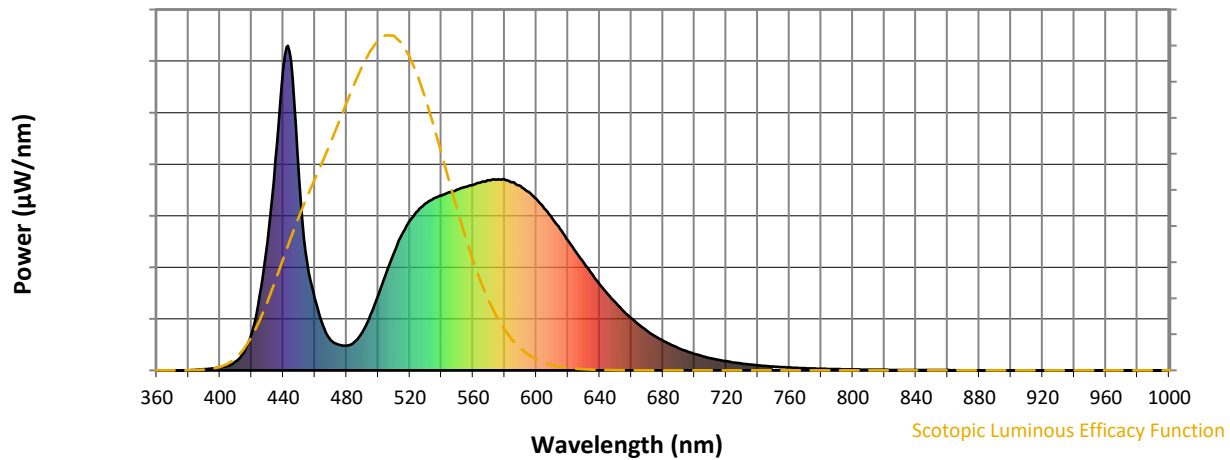


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



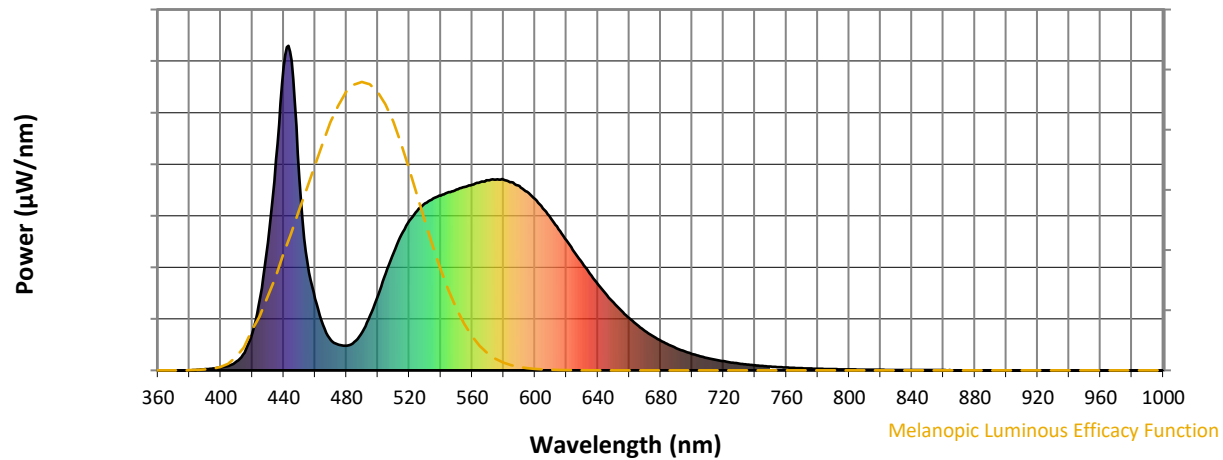
Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

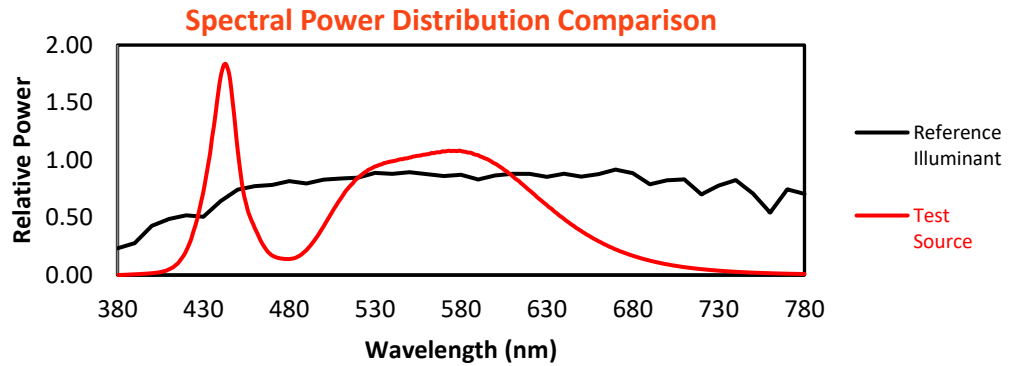
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

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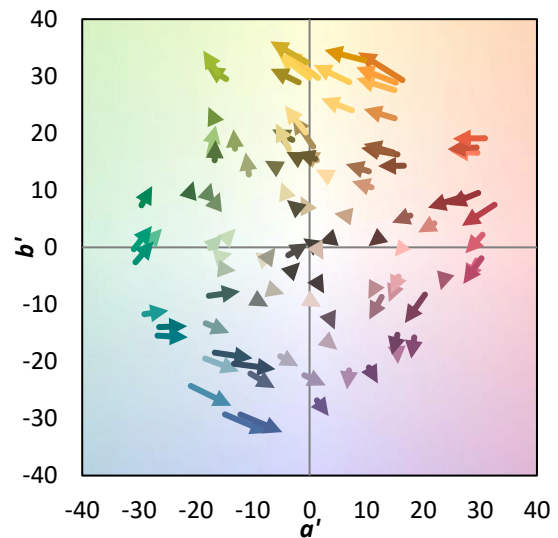
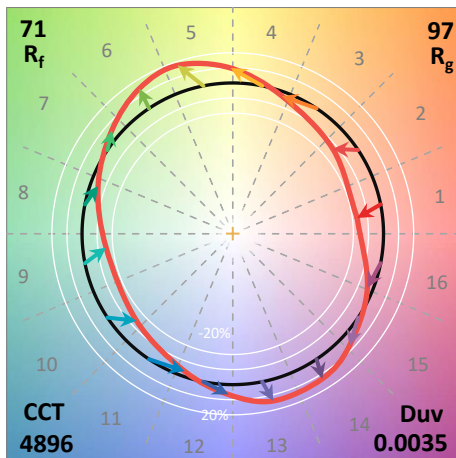
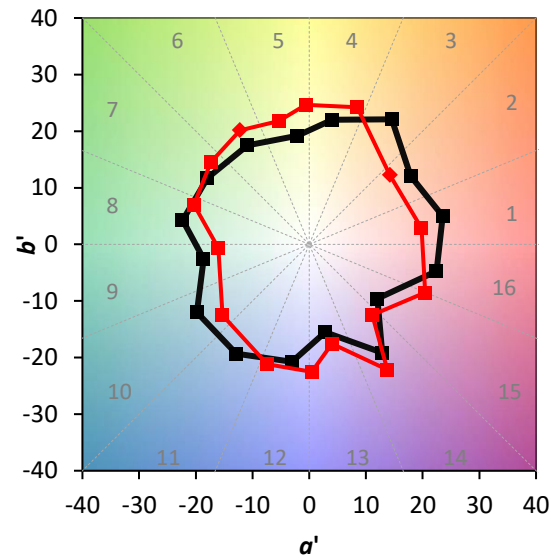
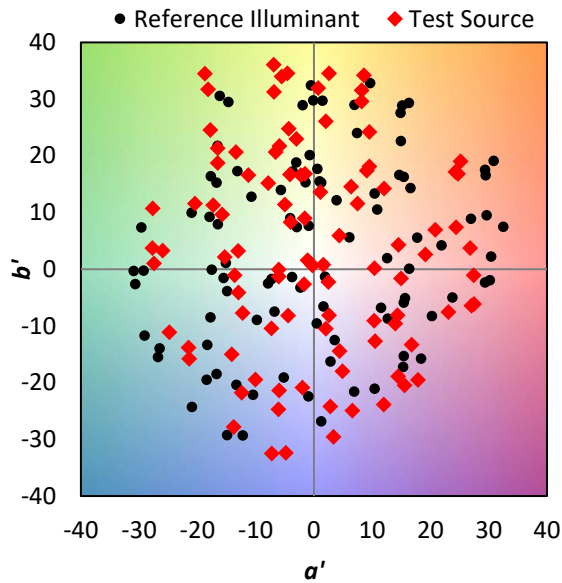
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$

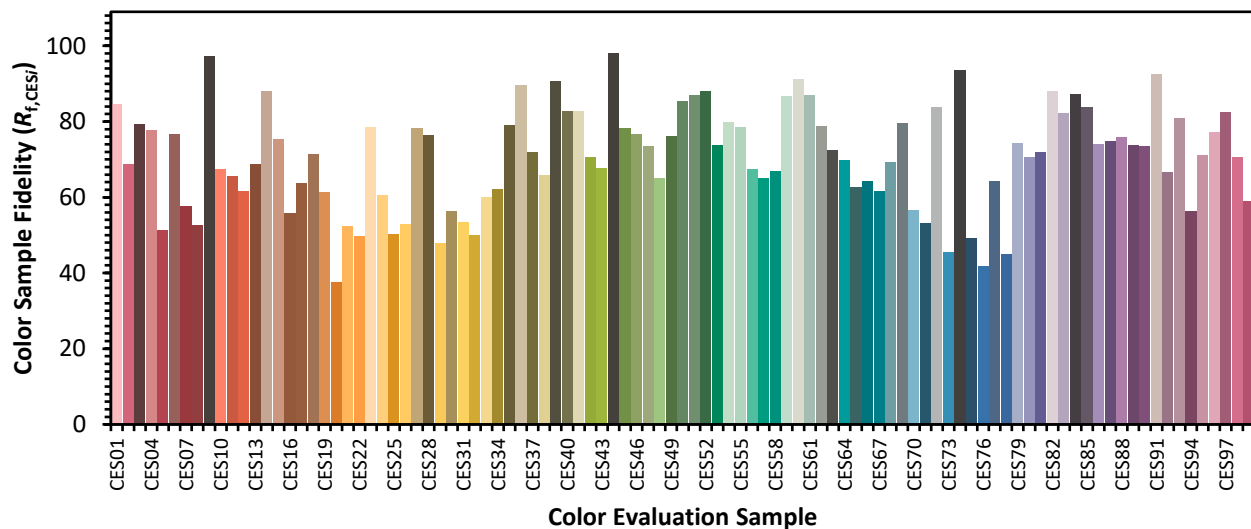


Color Vector Graphics

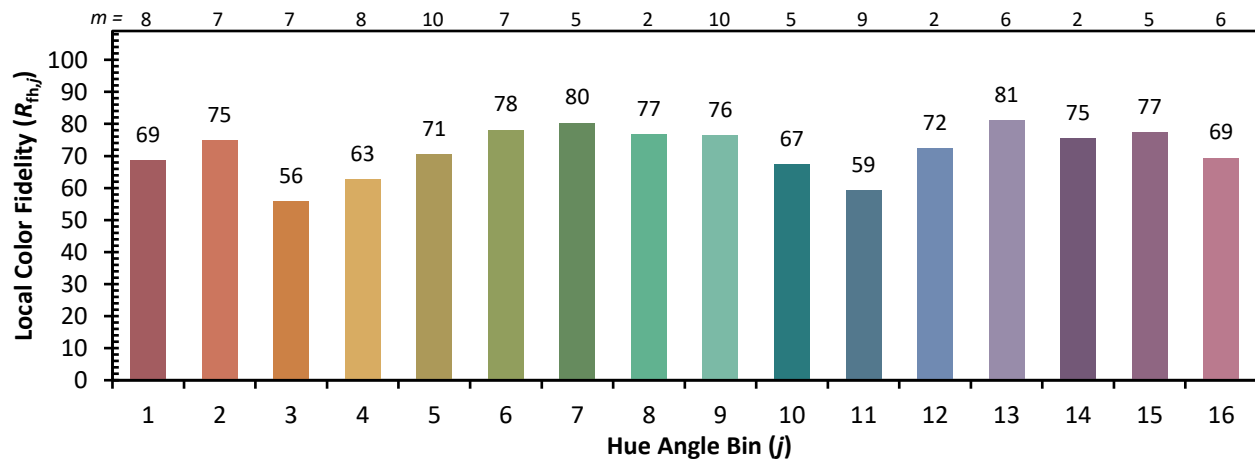
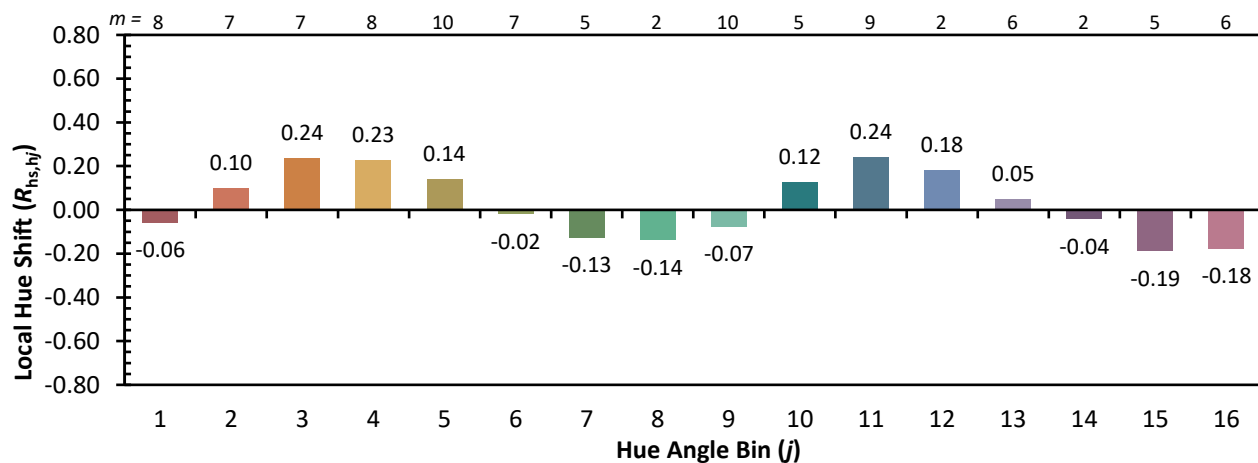
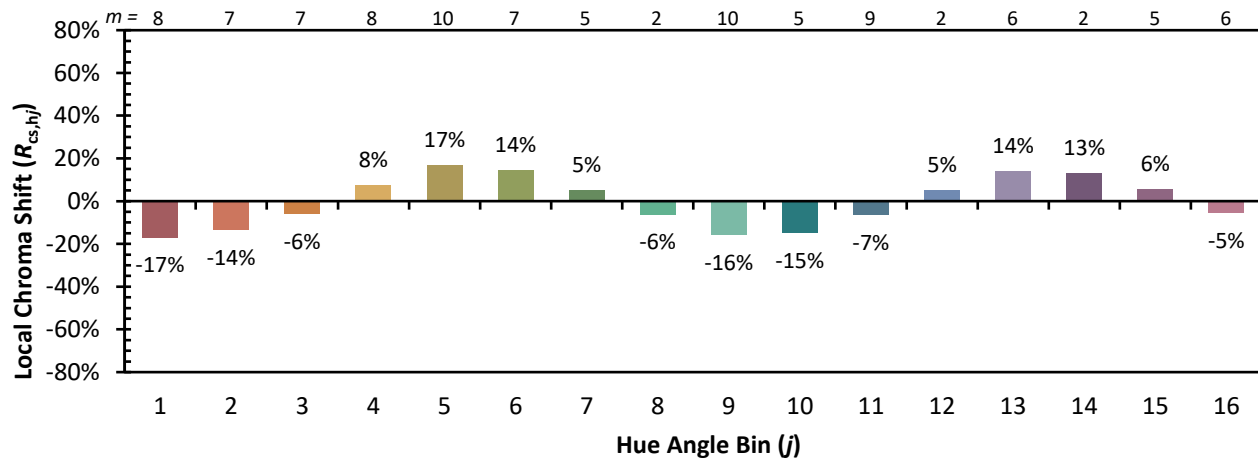


Individual Sample Fidelity Index ($R_{f,i}$)

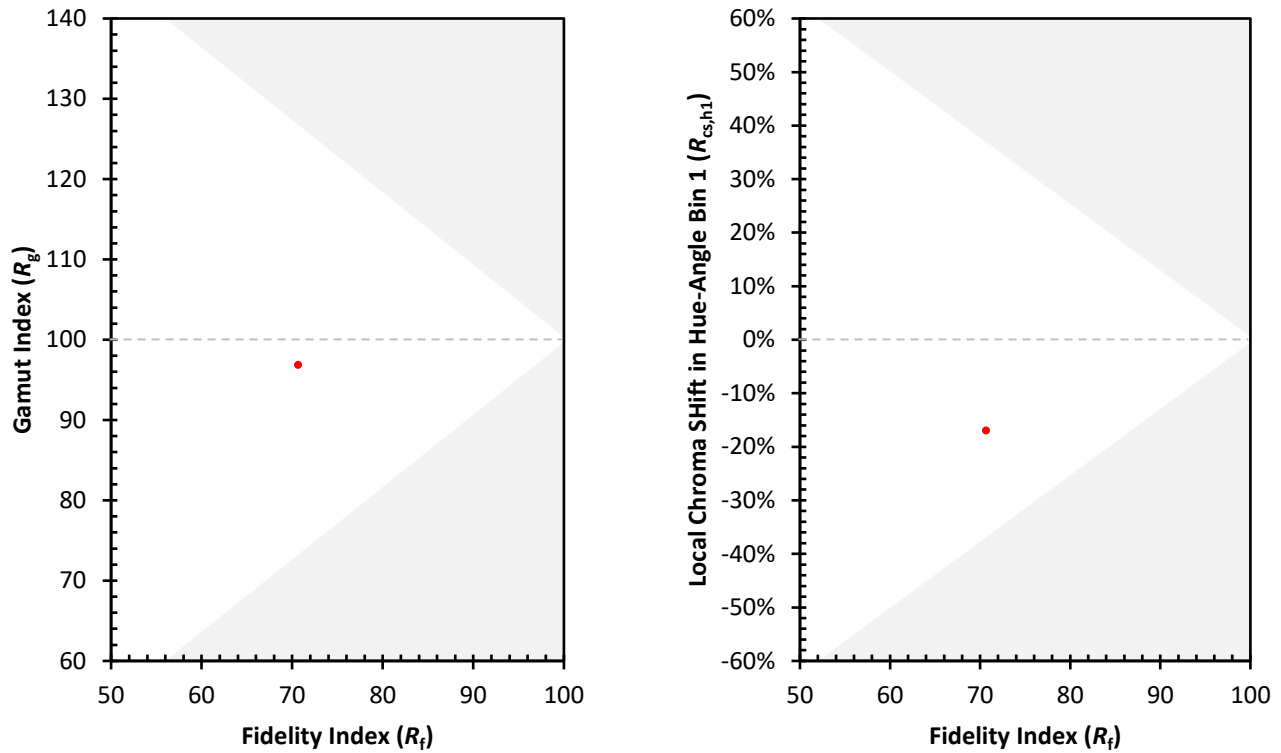
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)