

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: P1064079

Luminaire Tested: **GLAN-SA7C-750-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064079
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7C-750-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 39371.5 lumens
Efficiency: N/A
Efficacy: 119.3 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): 330
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

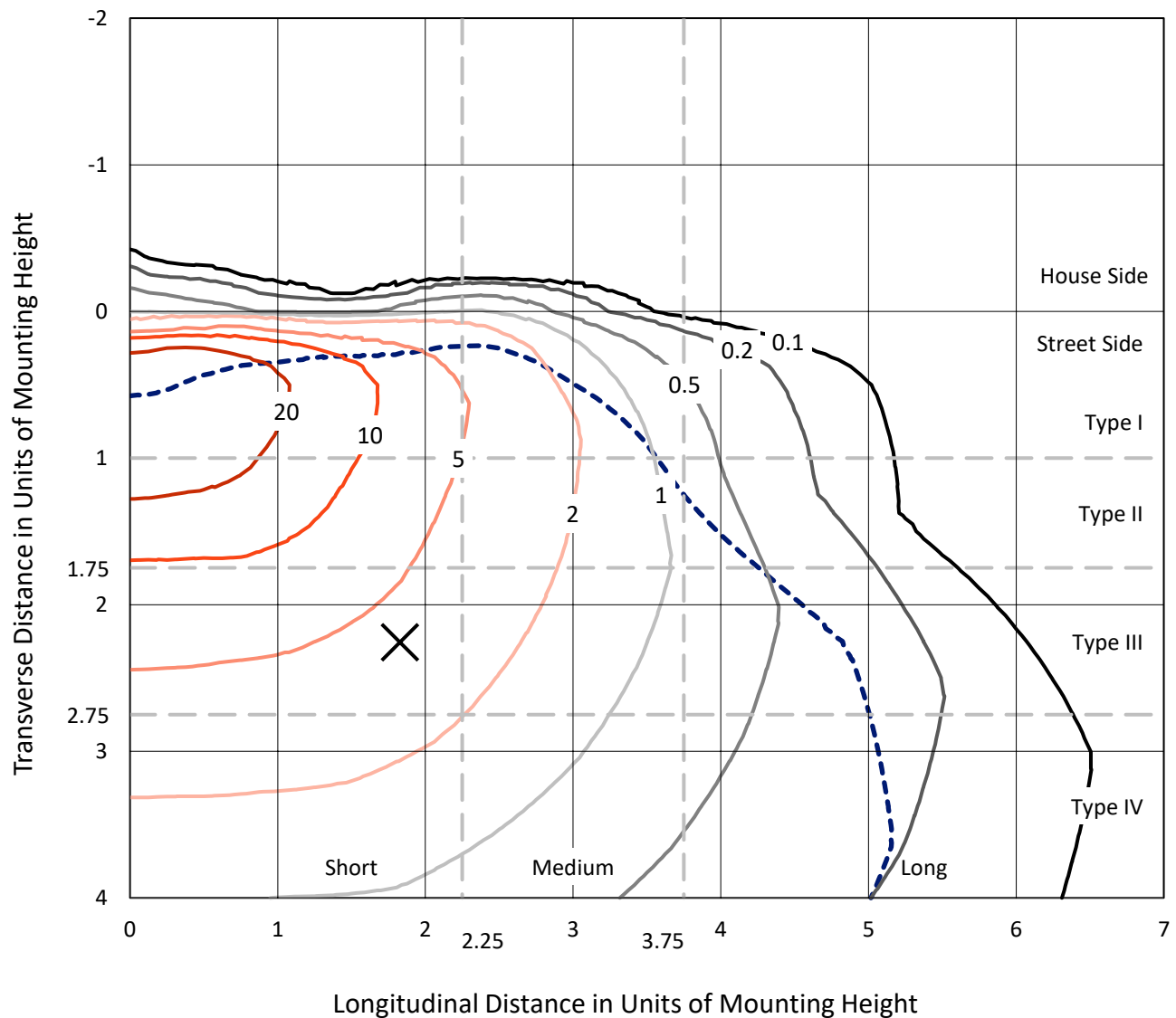


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

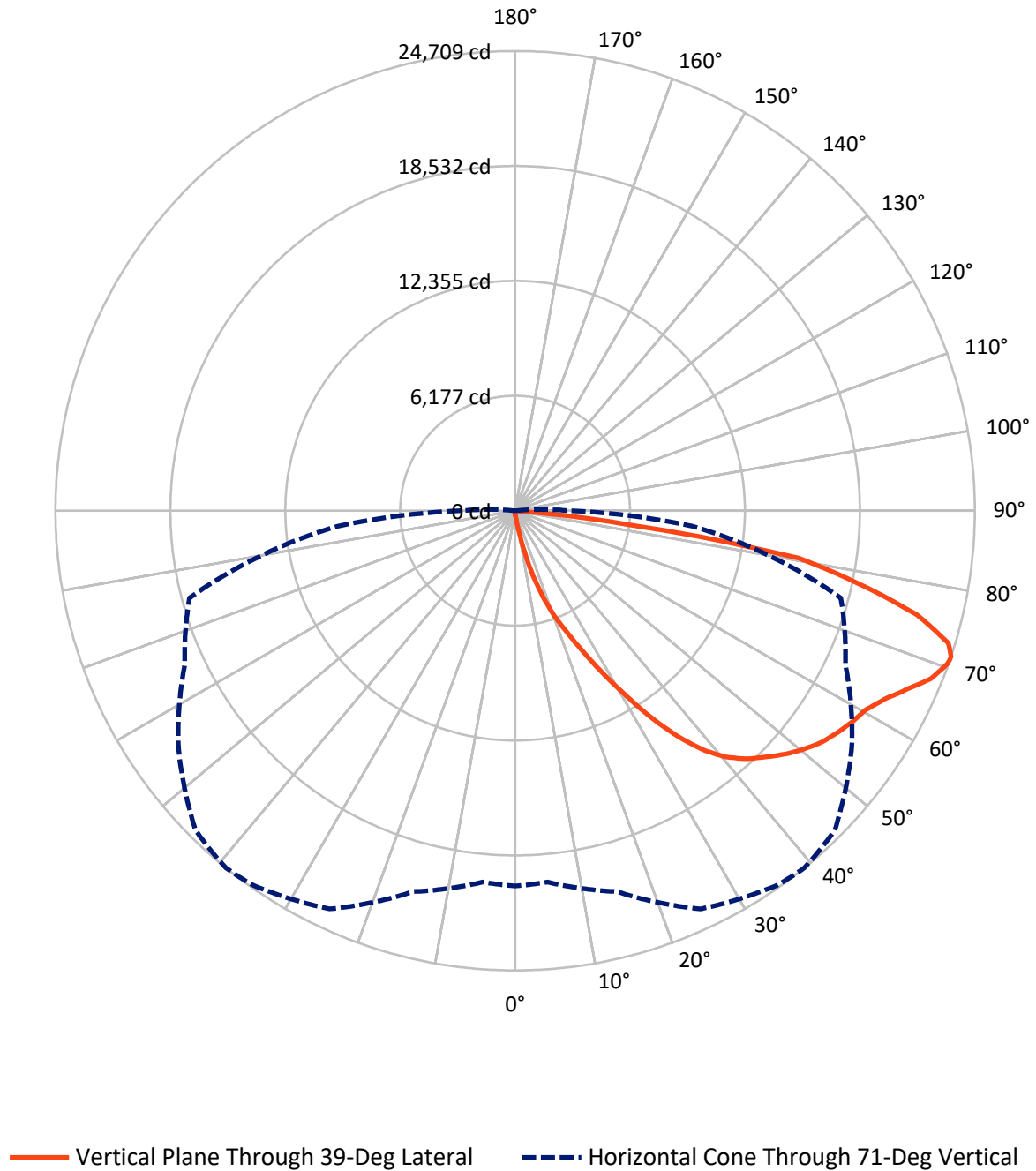


Based on 15 foot mounting height. Maximum calculated value = 40.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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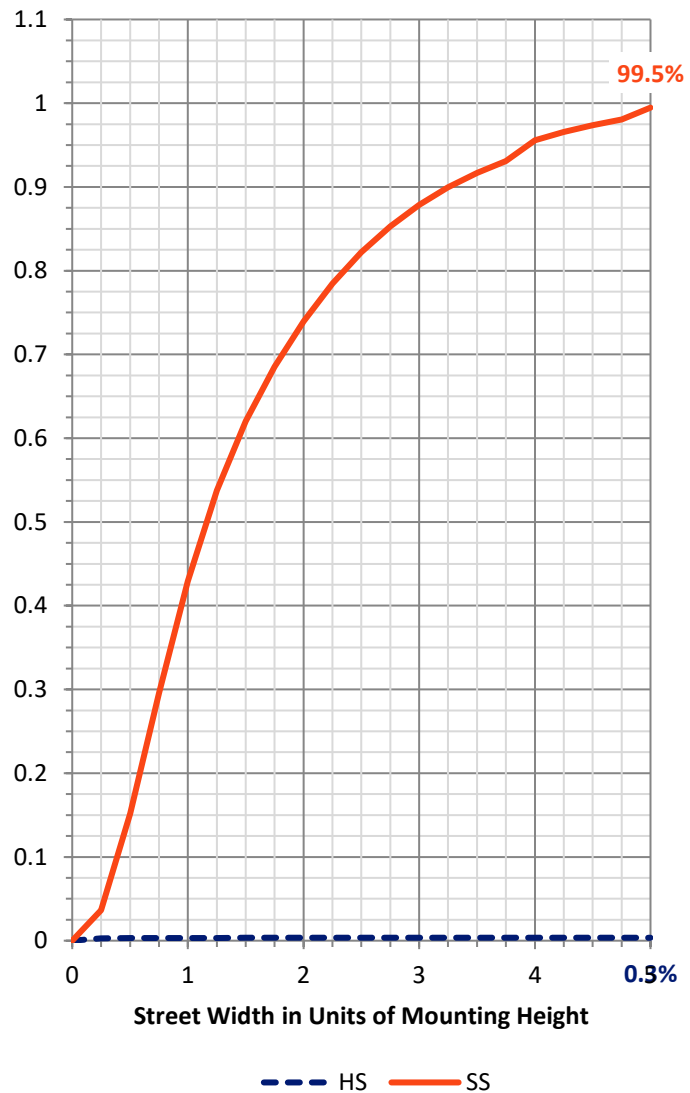
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	139.9	0.0	139.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	39231.5	0.0	39231.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	39371.5	0.0	39371.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.9	0.1
10°-20°	420.8	1.1
20°-30°	1498.6	3.8
30°-40°	3611.7	9.2
40°-50°	6044.5	15.4
50°-60°	7763.4	19.7
60°-70°	9824.6	25.0
70°-80°	8759.1	22.2
80°-90°	1415.9	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°	39371.5	100.0
0°-180°	39371.5	100.0



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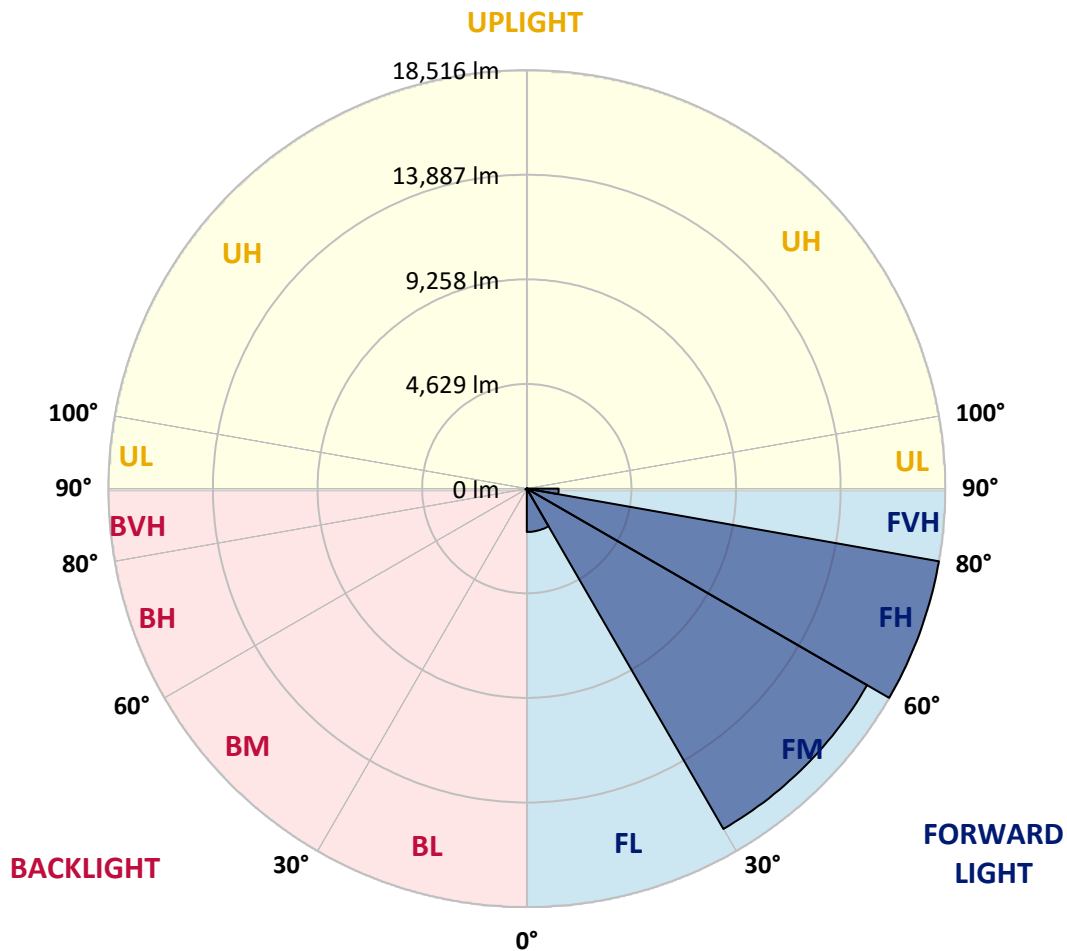
CATALOG NUMBER: GLAN-SA7C-750-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1918.4	4.9			
FM	(30°-60°)	17387.2	44.2			
FH	(60°-80°)	18516.4	47.0			G5
FVH	(80°-90°)	1409.4	3.6			G5
BL	(0°-30°)	33.8	0.1	B0/110		
BM	(30°-60°)	32.4	0.1	B0/220		
BH	(60°-80°)	67.3	0.2	B0/110		G0/110
BVH	(80°-90°)	6.4	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°	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9
2.5°	247.9	247.9	247.9	239.9	239.9	237.2	234.5	234.5	229.2	226.5	221.2
5°	375.8	367.8	349.1	338.5	317.2	303.8	290.5	271.9	253.2	239.9	223.9
7.5°	850.2	868.9	807.6	693.0	575.7	525.1	439.8	354.5	293.2	253.2	226.5
10°	2166.8	2156.2	1948.3	1719.1	1327.3	1170.0	916.8	578.4	378.5	277.2	229.2
12.5°	3686.0	3675.4	3430.2	3118.3	2601.3	2273.4	1793.7	1079.4	543.7	314.5	229.2
15°	4962.7	4920.0	4842.7	4533.6	3928.6	3654.0	3019.7	1908.3	879.5	378.5	234.5
17.5°	5807.6	5770.2	5698.3	5586.3	5202.5	4877.4	4368.3	2998.4	1423.2	490.4	245.2
20°	6583.1	6556.5	6497.8	6476.5	6228.7	6055.4	5634.3	4251.1	2217.5	666.3	261.2
22.5°	7649.2	7593.3	7617.2	7489.3	7246.8	7038.9	6780.4	5562.4	3187.6	959.5	290.5
25°	8955.2	8928.5	8861.9	8771.3	8435.5	8254.2	7857.1	6799.0	4272.4	1343.3	322.5
27.5°	10533.0	10503.7	10487.7	10279.8	9893.4	9696.1	9141.8	7966.4	5493.1	1881.7	365.1
30°	12350.7	12364.0	12260.1	11993.6	11543.1	11266.0	10695.6	9189.7	6743.1	2513.3	410.4
32.5°	14232.4	14205.7	14045.8	13731.3	13328.9	13070.3	12345.4	10530.4	8054.3	3347.5	463.8
35°	16260.6	16210.0	15788.9	15429.1	15085.2	14760.1	14099.1	12086.9	9365.6	4283.0	535.7
37.5°	18307.5	18070.3	17225.4	16769.7	16532.5	16265.9	15650.3	13747.3	10668.9	5327.8	623.7
40°	19853.4	19669.5	18667.3	17827.8	17638.5	17412.0	16953.6	15181.2	12054.9	6449.9	730.3
42.5°	20708.9	20607.6	19706.8	18877.9	18432.8	18232.9	17841.1	16433.9	13424.8	7689.2	884.9
45°	21074.0	20916.8	20314.4	19928.0	19219.0	18888.5	18422.1	17380.0	14856.0	9096.5	1100.7
47.5°	20962.1	20871.5	20439.7	20581.0	20066.6	19552.2	18867.2	18105.0	16079.4	10711.6	1396.6
50°	20258.5	20181.2	20047.9	20812.8	20748.9	20141.2	19442.9	18678.0	17078.8	12377.4	1855.0
52.5°	18920.5	18888.5	19229.7	20631.6	21135.3	20660.9	19997.3	19184.4	18011.7	14117.8	2510.7
55°	17196.1	17326.7	18302.2	20349.1	21332.6	21044.7	20487.7	19658.8	18760.6	15674.3	3478.1
57.5°	16487.2	16521.8	17739.8	20149.2	21420.5	21383.2	20964.8	20111.9	19448.2	16918.9	4954.7
60°	17316.0	17262.7	17905.1	20301.1	21596.4	21687.0	21388.5	20533.0	20045.2	17987.7	6921.6
62.5°	18813.9	18784.6	18989.8	20948.8	22110.8	22294.7	21977.5	20836.8	20573.0	18691.3	9165.8
65°	20151.9	20090.6	20471.7	22097.5	23014.3	23144.9	22867.7	21356.5	20804.8	19203.0	11274.0
67.5°	20730.2	20716.9	21329.9	23190.2	23963.1	24104.4	23861.9	22073.5	20751.5	19365.6	12204.1
70°	20466.4	20415.7	21396.5	23654.0	24498.9	24658.8	24424.2	22340.0	20173.2	18851.2	10826.2
71°	20175.8	20039.9	21196.6	23622.0	24573.5	24709.4	24299.0	22097.5	19592.2	18120.9	9576.2
72.5°	19275.0	19299.0	20647.6	23288.8	24394.9	24354.9	23590.0	21228.6	18891.2	16463.2	7691.9
75°	17057.5	17198.8	18869.9	21889.6	22801.1	22292.0	21122.0	19568.2	17484.0	11804.3	5341.1
77.5°	13939.2	14149.7	15986.1	19197.7	18939.2	18888.5	18840.6	17241.4	14930.7	6340.6	3715.3
80°	6655.1	7110.9	9642.8	13704.7	14888.0	15461.0	15101.2	13893.9	11545.8	3019.7	2220.1
82.5°	434.4	429.1	607.7	1151.4	4853.4	6274.0	9968.0	9930.7	8049.0	1471.2	906.2
85°	205.2	210.6	231.9	263.9	306.5	335.8	463.8	2718.5	3851.3	701.0	197.2
87.5°	119.9	122.6	143.9	183.9	239.9	266.5	317.2	407.8	501.1	386.5	42.6
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-SA7C-750-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9	215.9
2.5°	218.5	215.9	207.9	199.9	191.9	186.6	183.9	186.6	186.6	189.2	189.2
5°	218.5	210.6	197.2	181.2	170.6	159.9	154.6	151.9	154.6	154.6	154.6
7.5°	215.9	202.6	183.9	165.2	151.9	138.6	133.3	130.6	130.6	133.3	133.3
10°	210.6	197.2	173.2	151.9	135.9	119.9	111.9	103.9	103.9	103.9	106.6
12.5°	207.9	189.2	159.9	138.6	117.3	98.6	82.6	74.6	77.3	77.3	77.3
15°	202.6	181.2	151.9	125.3	98.6	74.6	61.3	53.3	56.0	58.6	56.0
17.5°	202.6	178.6	141.3	109.3	77.3	56.0	45.3	40.0	40.0	42.6	42.6
20°	202.6	173.2	133.3	93.3	58.6	42.6	32.0	29.3	29.3	34.6	37.3
22.5°	207.9	173.2	122.6	77.3	48.0	32.0	24.0	21.3	24.0	29.3	32.0
25°	215.9	170.6	111.9	69.3	40.0	24.0	18.7	13.3	16.0	21.3	24.0
27.5°	223.9	167.9	101.3	61.3	32.0	18.7	13.3	10.7	8.0	10.7	10.7
30°	231.9	167.9	90.6	50.6	26.7	13.3	8.0	5.3	2.7	0.0	0.0
32.5°	237.2	162.6	82.6	40.0	21.3	10.7	5.3	2.7	0.0	0.0	0.0
35°	242.5	157.2	72.0	32.0	16.0	8.0	2.7	0.0	0.0	0.0	0.0
37.5°	247.9	149.3	61.3	26.7	13.3	5.3	0.0	0.0	0.0	0.0	0.0
40°	253.2	138.6	50.6	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	258.5	130.6	42.6	18.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	271.9	125.3	34.6	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	295.8	119.9	32.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	330.5	114.6	29.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	378.5	111.9	26.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	463.8	109.3	24.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	610.3	106.6	24.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	935.5	101.3	24.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1671.1	98.6	21.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2913.1	101.3	21.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4176.4	106.6	18.7	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	3574.1	93.3	18.7	10.7	5.3	2.7	0.0	0.0	0.0	0.0	0.0
71°	2913.1	82.6	18.7	10.7	5.3	2.7	2.7	0.0	0.0	0.0	0.0
72.5°	1873.7	64.0	16.0	10.7	5.3	5.3	2.7	0.0	0.0	0.0	0.0
75°	791.6	53.3	16.0	10.7	8.0	5.3	5.3	2.7	0.0	0.0	0.0
77.5°	338.5	40.0	16.0	13.3	10.7	8.0	8.0	5.3	2.7	0.0	0.0
80°	127.9	32.0	18.7	16.0	13.3	13.3	10.7	5.3	2.7	0.0	0.0
82.5°	58.6	26.7	18.7	16.0	16.0	13.3	10.7	8.0	5.3	0.0	0.0
85°	37.3	24.0	18.7	16.0	16.0	13.3	13.3	8.0	5.3	0.0	0.0
87.5°	29.3	24.0	18.7	18.7	16.0	16.0	10.7	8.0	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

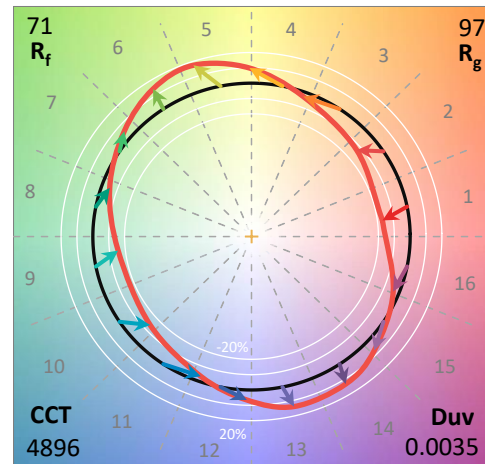
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

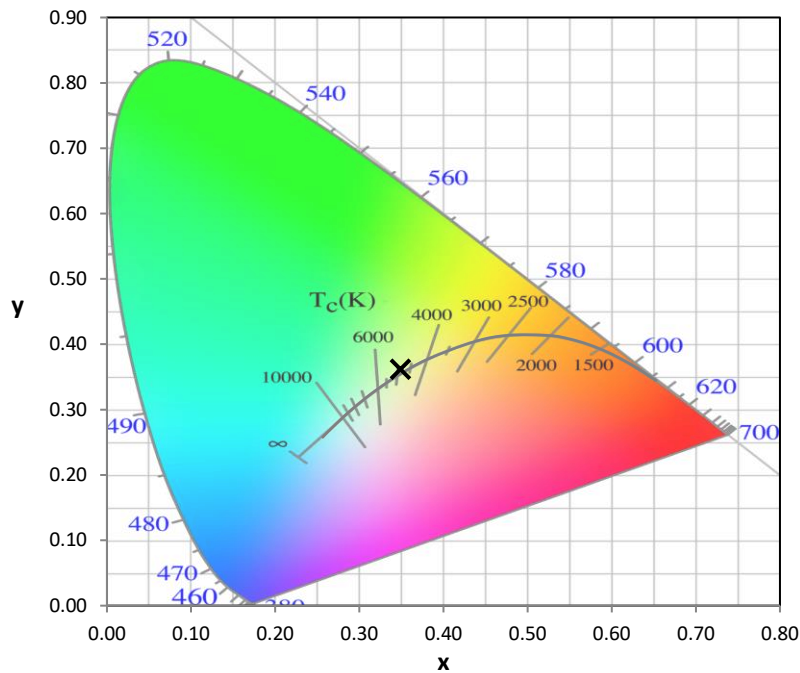
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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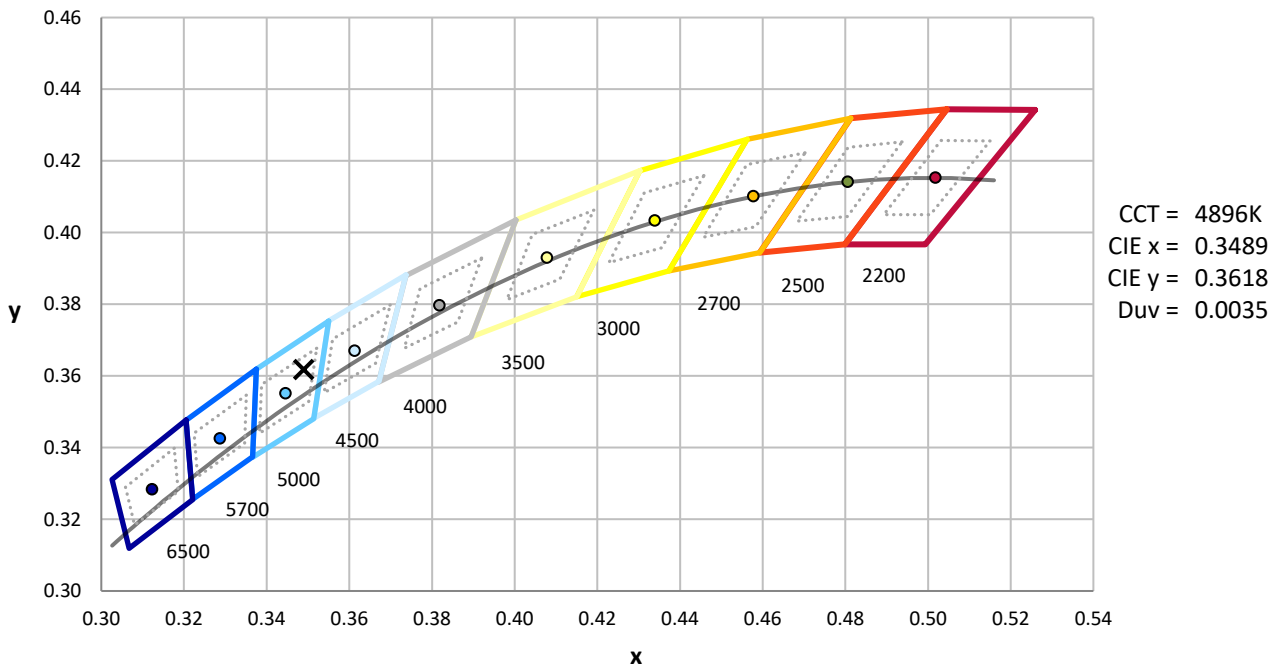
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



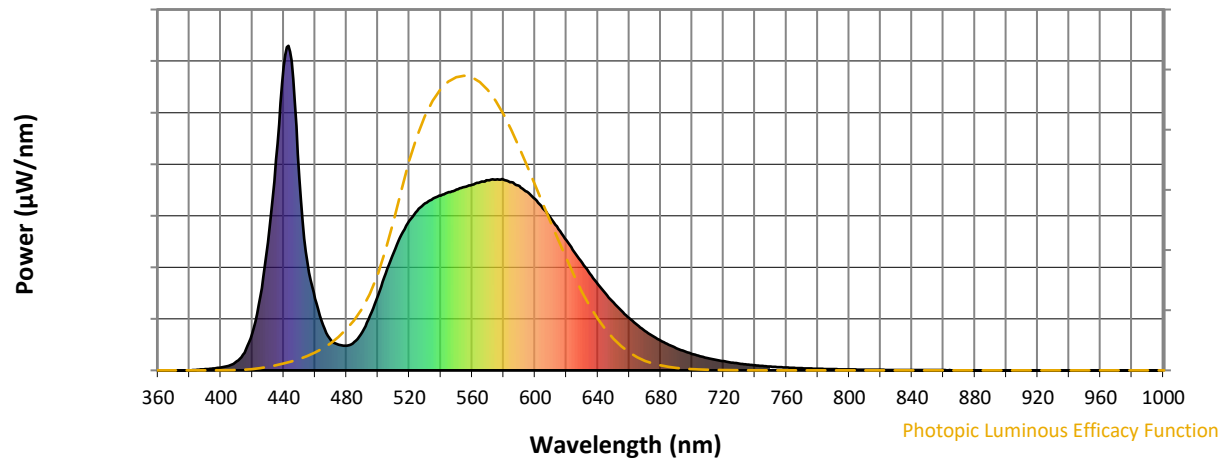
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

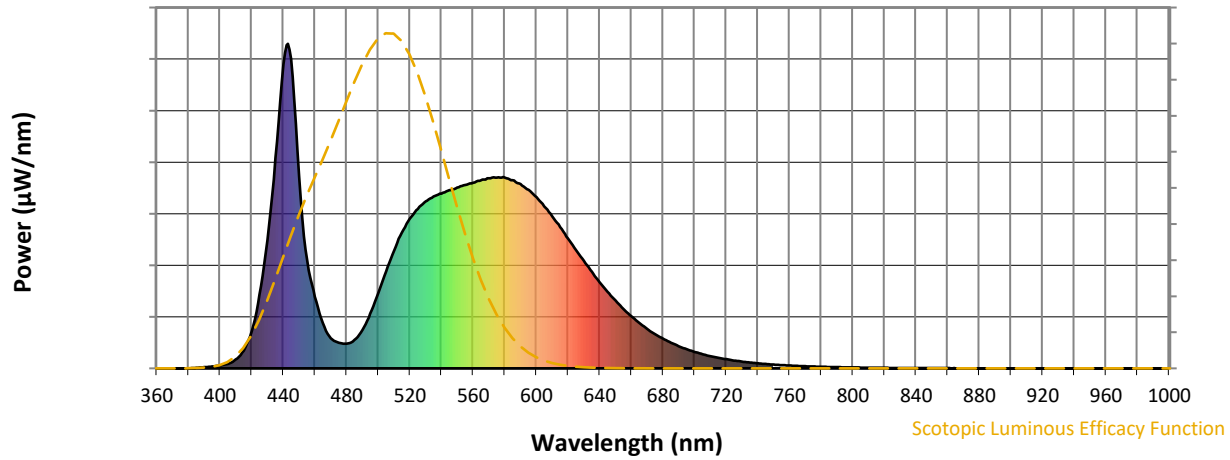


Photopic Lumens: NR

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



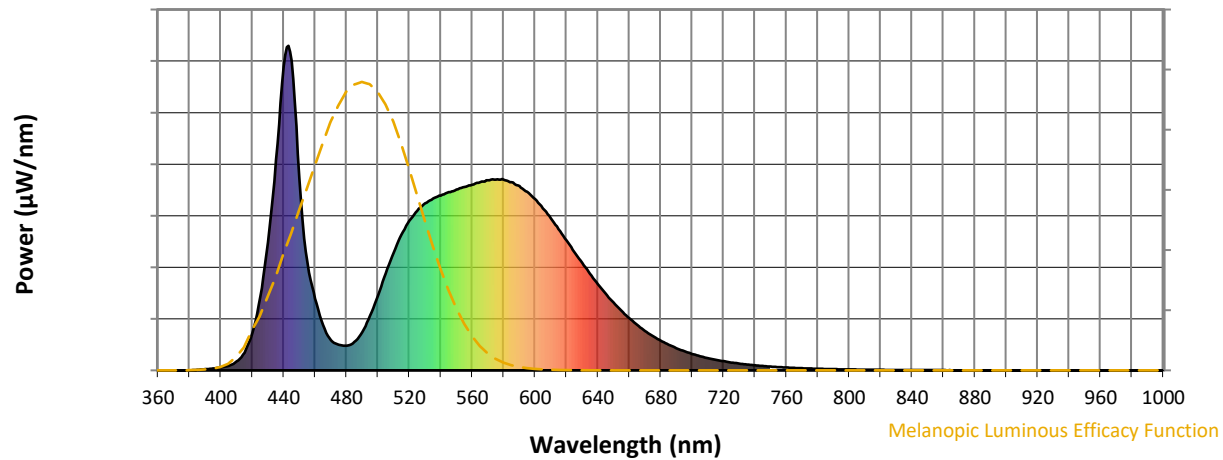
Scotopic Lumens: NR

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

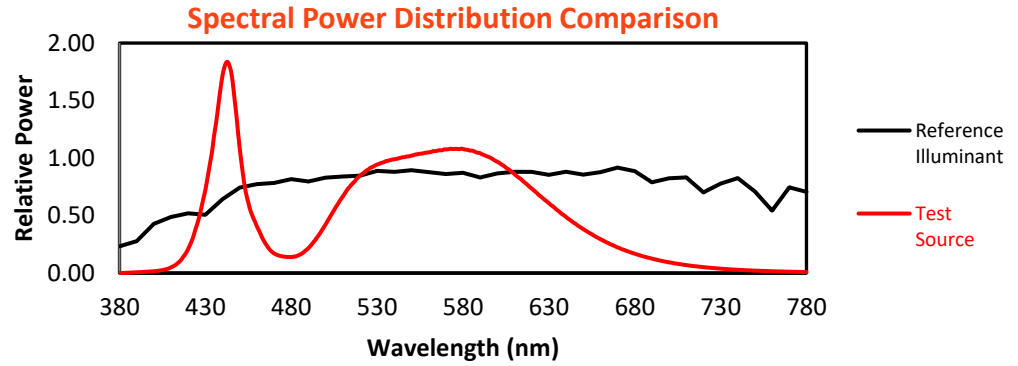
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	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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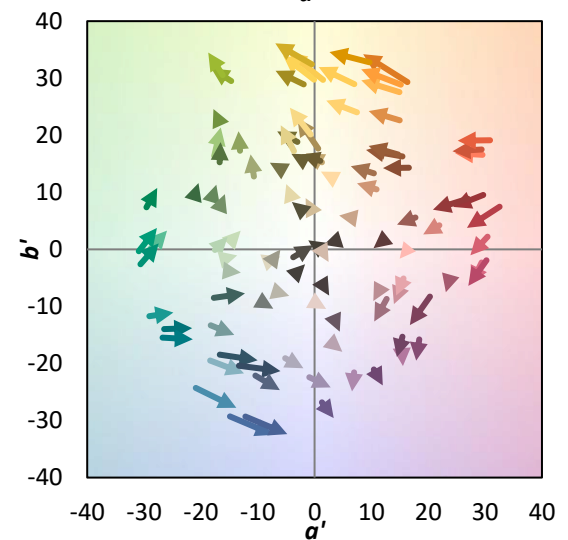
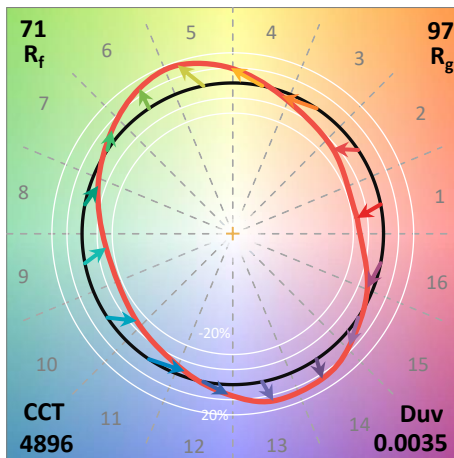
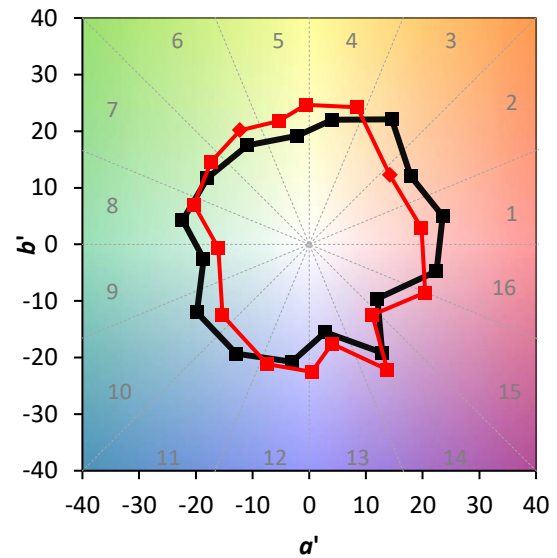
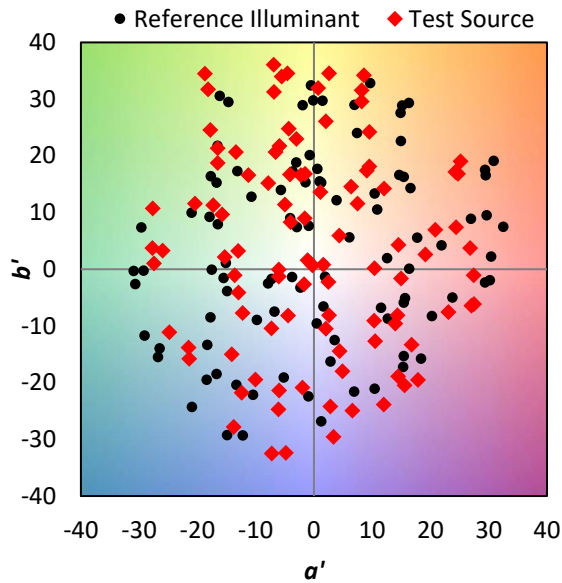
TM-30-18

Summary

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

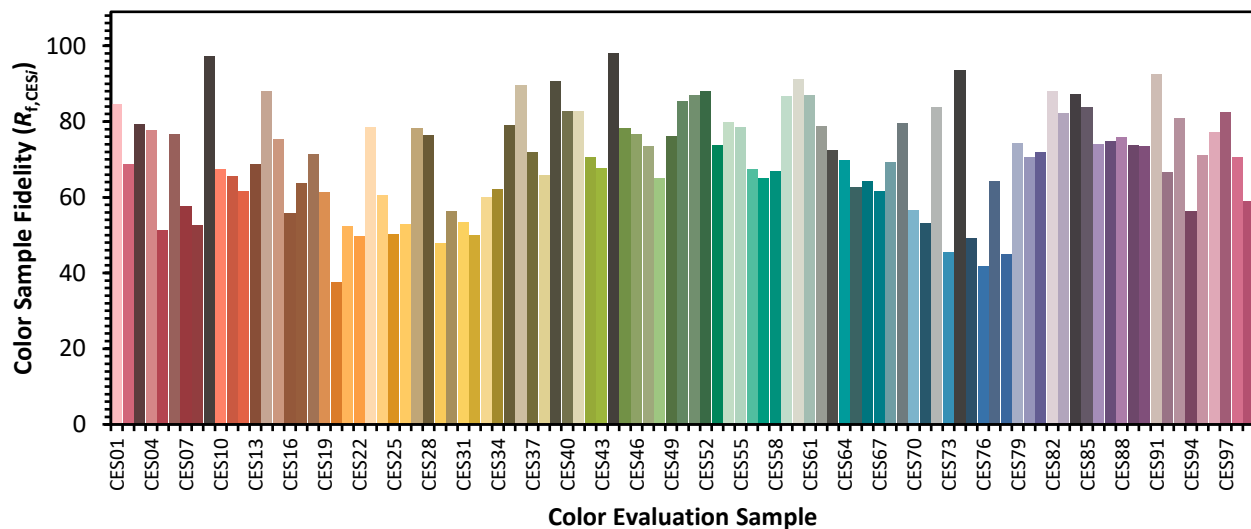


Color Vector Graphics

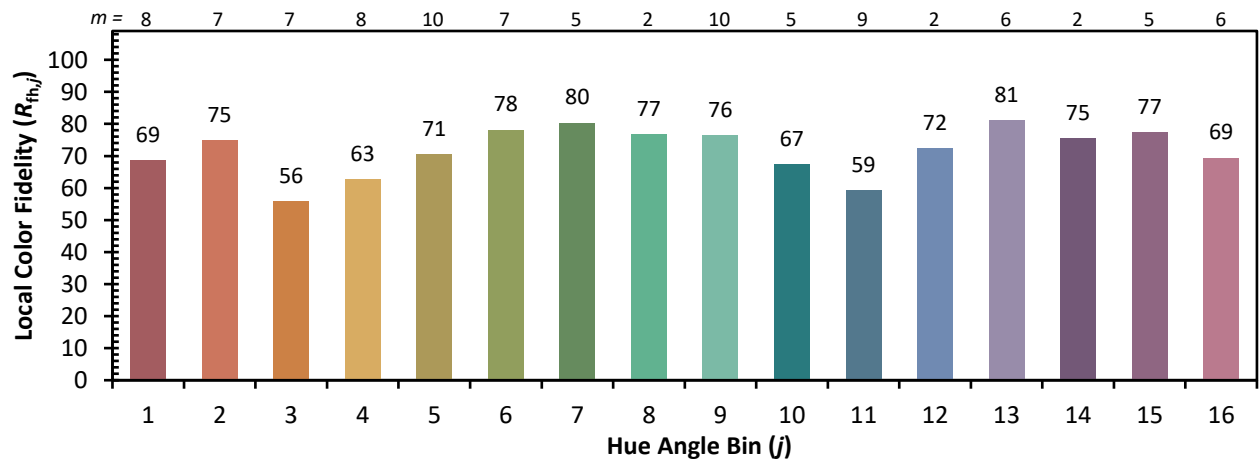
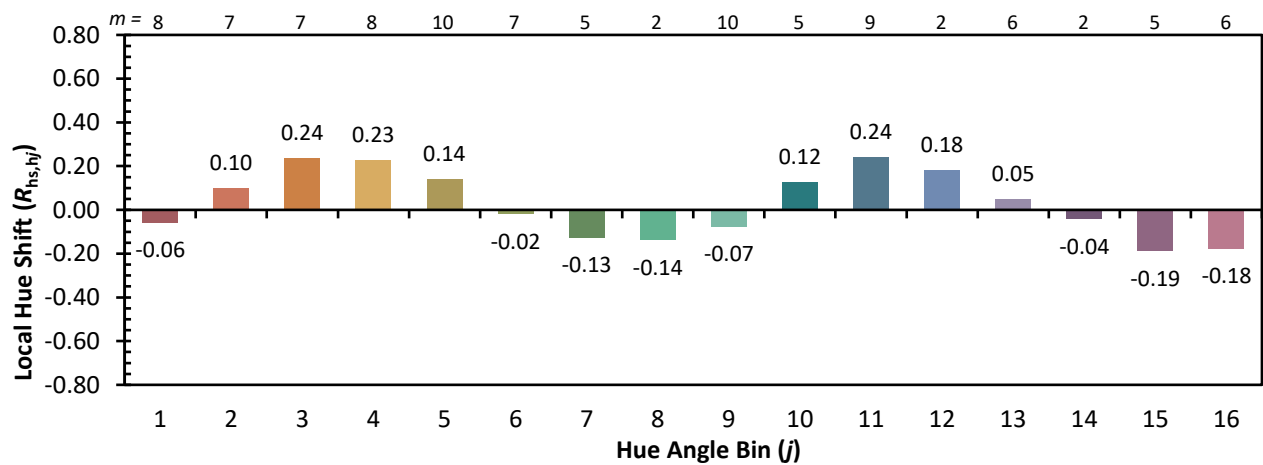
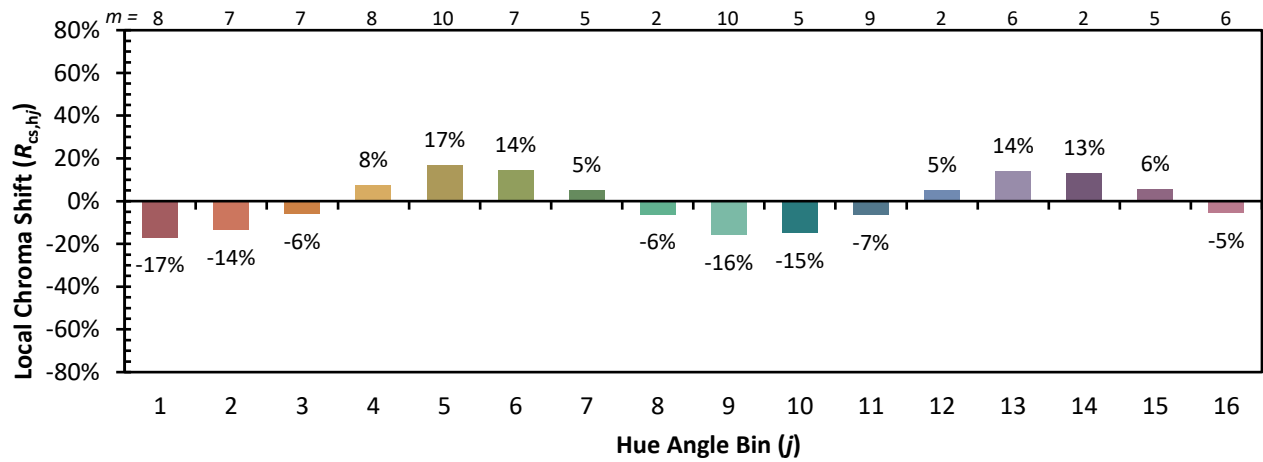


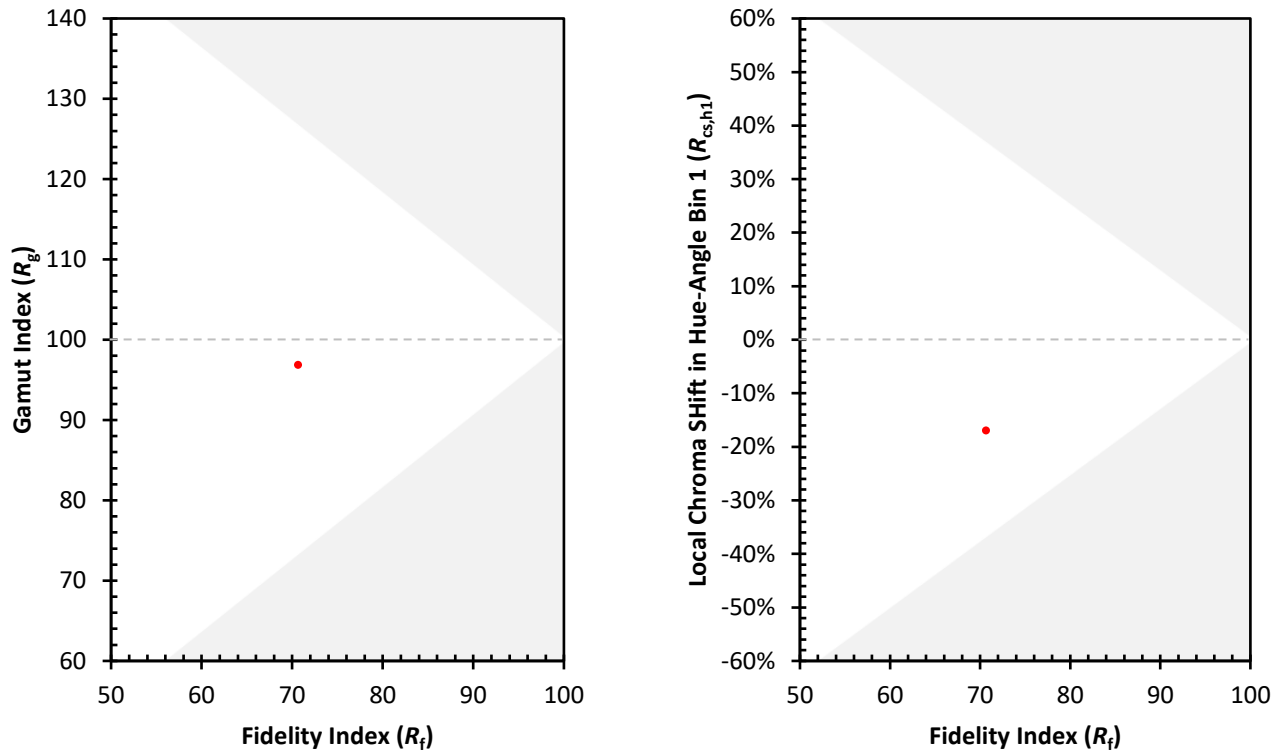
Individual Sample Fidelity Index ($R_{f,i}$)

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)