

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: P1062662

Luminaire Tested: **GLAN-SA4B-740-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062662
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4B-740-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18889.9 lumens
Efficiency: N/A
Efficacy: 131.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

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

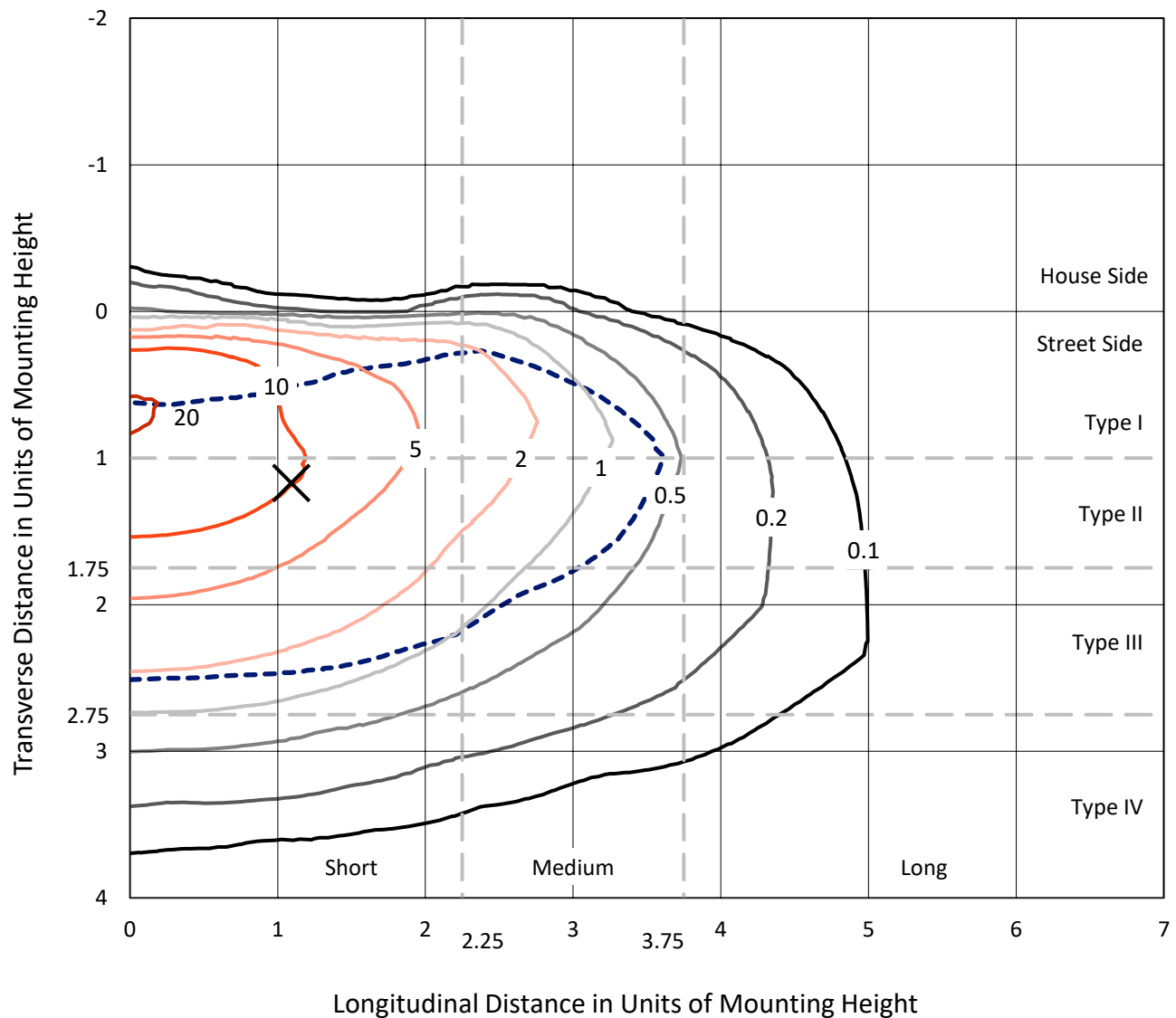


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CATALOG NUMBER: GLAN-SA4B-740-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

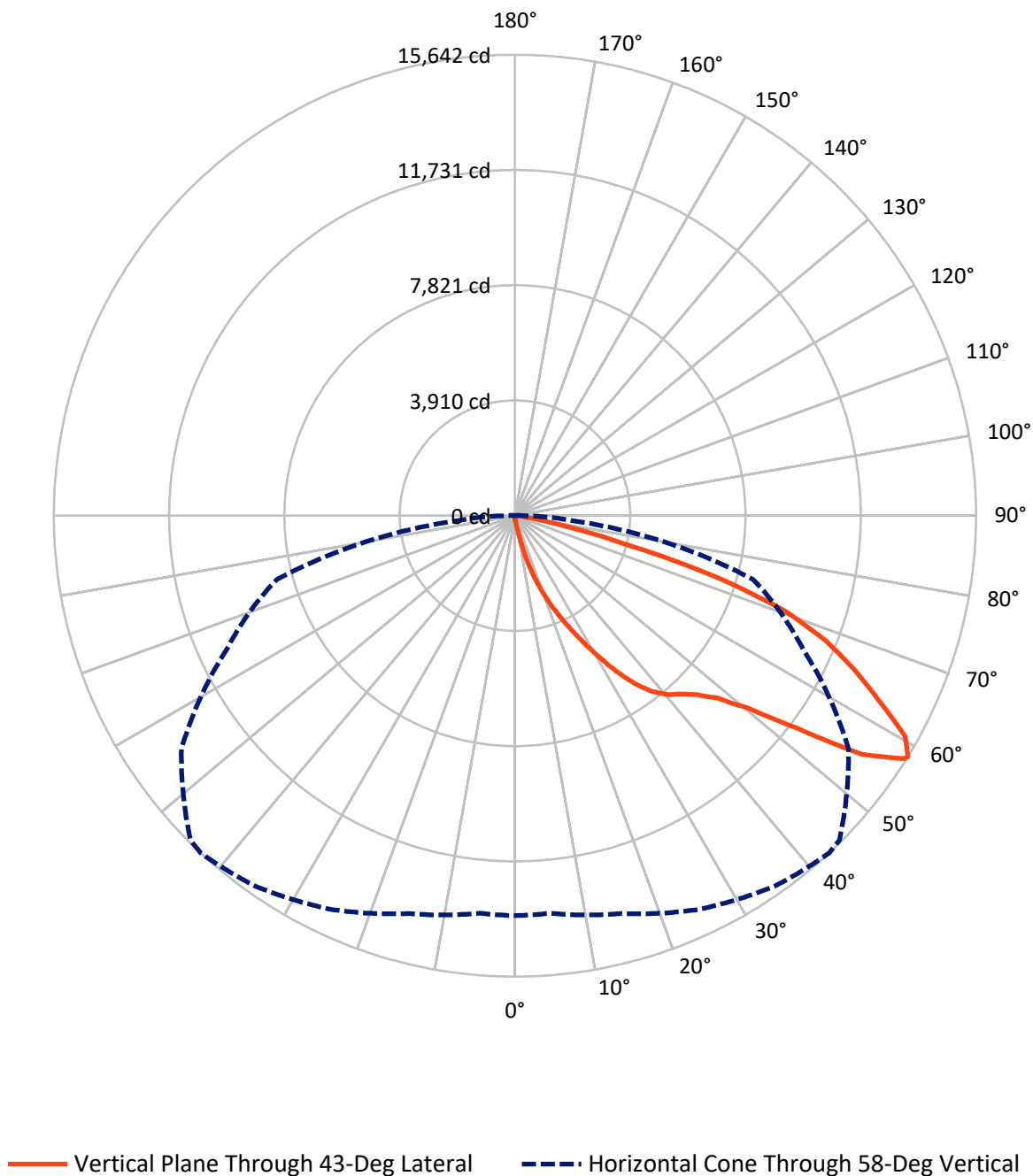


Based on 15 foot mounting height. Maximum calculated value = 21.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.0	0.0	69.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18821.0	0.0	18821.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	18889.9	0.0	18889.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.1	0.1
10°-20°	217.1	1.1
20°-30°	782.6	4.1
30°-40°	1790.6	9.5
40°-50°	3020.1	16.0
50°-60°	4983.9	26.4
60°-70°	5570.2	29.5
70°-80°	2299.8	12.2
80°-90°	207.3	1.1
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°	18889.9	100.0
0°-180°	18889.9	100.0



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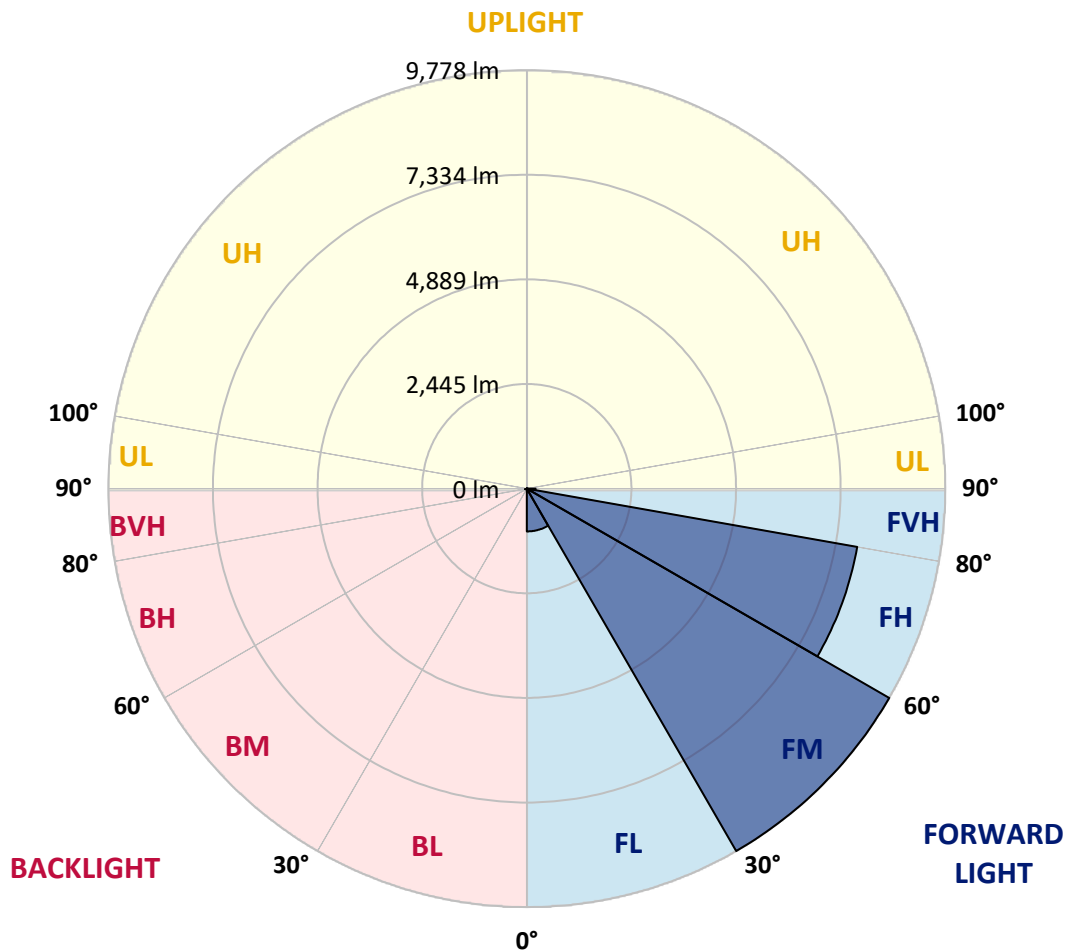
CATALOG NUMBER: GLAN-SA4B-740-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	999.9	5.3			
FM	(30°-60°)	9778.2	51.8			
FH	(60°-80°)	7838.5	41.5			G4/12000
FVH	(80°-90°)	204.5	1.1			G2/225
BL	(0°-30°)	18.0	0.1	B0/110		
BM	(30°-60°)	16.5	0.1	B0/220		
BH	(60°-80°)	31.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	123.5	123.5	123.5	123.5	123.5	123.5	123.5	123.5	123.5	123.5	123.5
2.5°	148.2	153.2	148.2	148.2	148.2	143.3	143.3	138.3	138.3	133.4	128.5
5°	217.4	217.4	202.6	192.7	182.8	177.9	172.9	163.0	153.2	143.3	133.4
7.5°	484.2	484.2	439.7	380.4	301.4	256.9	247.0	202.6	172.9	153.2	133.4
10°	1156.1	1156.1	1057.3	894.2	691.7	513.8	459.5	291.5	207.5	163.0	138.3
12.5°	1921.9	1946.6	1823.0	1615.5	1314.2	1002.9	894.2	533.6	276.7	177.9	138.3
15°	2608.6	2549.3	2514.7	2317.1	2030.5	1660.0	1521.7	899.2	400.2	202.6	138.3
17.5°	3073.0	3073.0	3023.6	2890.2	2628.3	2302.3	2188.6	1452.5	647.2	232.2	143.3
20°	3616.4	3616.4	3527.5	3433.6	3201.4	2924.8	2816.1	2065.1	1002.9	296.4	143.3
22.5°	4273.5	4283.4	4184.6	4016.6	3794.3	3488.0	3394.1	2633.3	1452.5	395.2	148.2
25°	5073.9	5083.8	4940.5	4782.4	4441.5	4110.5	3967.2	3285.4	2000.9	553.3	148.2
27.5°	5958.2	6027.4	5815.0	5543.2	5182.6	4767.6	4658.9	3873.4	2544.4	780.6	158.1
30°	7060.0	7060.0	6778.4	6397.9	6007.6	5493.8	5355.5	4490.9	3122.4	1082.0	168.0
32.5°	8008.5	7934.4	7573.8	7173.6	6758.6	6279.4	6131.2	5138.1	3715.3	1457.4	187.7
35°	8734.8	8670.6	8225.9	7796.1	7435.5	6995.7	6817.9	5839.7	4342.7	1882.3	217.4
37.5°	9357.3	9332.6	8729.9	8191.3	7954.2	7568.8	7410.7	6501.7	4960.3	2341.8	252.0
40°	10039.1	9960.0	9317.8	8650.8	8295.1	7983.8	7840.6	7035.3	5553.1	2880.3	301.4
42.5°	10622.1	10528.2	9950.2	9298.0	8690.3	8270.4	8132.1	7484.9	6131.2	3418.8	365.6
45°	11269.3	11219.9	10636.9	10142.8	9332.6	8660.7	8477.9	7845.5	6659.8	4061.1	449.6
47.5°	12242.6	12153.6	11610.2	11205.1	10266.4	9253.6	8991.7	8216.1	7168.7	4693.5	578.0
50°	13373.9	13314.6	12993.5	12672.4	11738.6	10266.4	9955.1	8749.6	7736.8	5444.4	746.0
52.5°	14297.8	14287.9	14327.4	14332.4	13625.9	11970.8	11506.4	9609.3	8389.0	6185.5	983.2
55°	14278.0	14322.5	14757.3	15256.3	15310.6	14297.8	13848.2	11056.8	9238.7	7099.5	1314.2
57.5°	13744.5	13709.9	14169.4	14920.3	15448.9	15557.6	15483.5	13304.8	10518.3	8201.2	1823.0
58°	13571.6	13541.9	13976.7	14742.5	15350.1	15641.6	15567.5	13813.6	10804.9	8359.3	1961.4
60°	12944.1	12949.0	13206.0	13902.6	14510.2	15201.9	15271.1	15266.1	12232.7	9416.6	2658.0
62.5°	12114.1	12074.6	12311.7	12879.9	13413.5	13877.9	13996.4	15365.0	14322.5	10760.4	3987.0
65°	10967.9	10908.6	11160.6	11802.9	12376.0	12677.3	12682.3	14040.9	15305.7	12203.0	5884.1
67.5°	8838.6	8789.1	9293.1	10118.1	11002.5	11397.7	11575.6	12183.3	14475.7	13181.3	6971.0
70°	5414.8	5518.5	6220.1	7514.5	9026.3	9752.5	10019.3	10207.1	12326.5	13033.0	5829.8
72.5°	2499.9	2376.4	2974.2	3878.3	5602.5	7218.1	7494.7	8230.9	9772.3	11313.7	4347.6
75°	1166.0	1121.5	1259.8	1694.6	2539.4	3898.1	4402.0	6570.9	7494.7	7870.2	3137.2
77.5°	597.8	602.7	716.4	770.7	1047.4	1803.3	2070.1	4322.9	5493.8	4392.1	2104.7
80°	261.8	271.7	276.7	301.4	424.9	696.6	785.5	2005.8	3754.8	2238.0	1151.1
82.5°	168.0	172.9	172.9	172.9	202.6	276.7	316.2	805.3	1872.4	1111.6	355.7
85°	88.9	88.9	98.8	123.5	143.3	168.0	177.9	256.9	617.6	331.0	84.0
87.5°	49.4	54.3	59.3	74.1	93.9	113.6	123.5	177.9	237.1	227.3	19.8
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-740-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	123.5	123.5	123.5	123.5	123.5	123.5	123.5	123.5	123.5	123.5	123.5
2.5°	128.5	123.5	118.6	113.6	108.7	103.8	103.8	103.8	103.8	103.8	103.8
5°	123.5	118.6	113.6	103.8	93.9	88.9	84.0	79.0	79.0	79.0	79.0
7.5°	123.5	118.6	103.8	93.9	84.0	74.1	64.2	64.2	64.2	64.2	64.2
10°	123.5	113.6	98.8	84.0	69.2	59.3	54.3	49.4	49.4	49.4	49.4
12.5°	123.5	108.7	93.9	74.1	59.3	49.4	44.5	39.5	39.5	39.5	39.5
15°	123.5	108.7	88.9	69.2	54.3	39.5	34.6	29.6	29.6	29.6	29.6
17.5°	118.6	103.8	84.0	59.3	44.5	29.6	24.7	19.8	19.8	24.7	24.7
20°	113.6	98.8	74.1	49.4	34.6	24.7	14.8	14.8	14.8	14.8	14.8
22.5°	113.6	98.8	69.2	44.5	29.6	14.8	9.9	9.9	9.9	9.9	14.8
25°	113.6	93.9	59.3	34.6	19.8	9.9	4.9	4.9	4.9	4.9	4.9
27.5°	113.6	93.9	54.3	29.6	14.8	9.9	4.9	0.0	0.0	0.0	0.0
30°	108.7	88.9	49.4	24.7	9.9	4.9	0.0	0.0	0.0	0.0	0.0
32.5°	108.7	84.0	39.5	19.8	9.9	4.9	0.0	0.0	0.0	0.0	0.0
35°	113.6	79.0	34.6	14.8	4.9	0.0	0.0	0.0	0.0	0.0	4.9
37.5°	118.6	74.1	29.6	9.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	123.5	69.2	29.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	133.4	69.2	24.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	143.3	69.2	19.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	163.0	74.1	19.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	177.9	79.0	14.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	197.6	74.1	14.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	222.3	74.1	14.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	242.1	69.2	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	252.0	64.2	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	301.4	59.3	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	469.3	49.4	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	953.5	44.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1778.6	39.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1991.0	44.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1254.9	34.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	662.0	34.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	331.0	34.6	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	153.2	24.7	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	64.2	14.8	9.9	4.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.6	14.8	9.9	9.9	4.9	4.9	0.0	0.0	0.0	0.0	0.0
87.5°	14.8	14.8	14.8	9.9	9.9	4.9	4.9	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

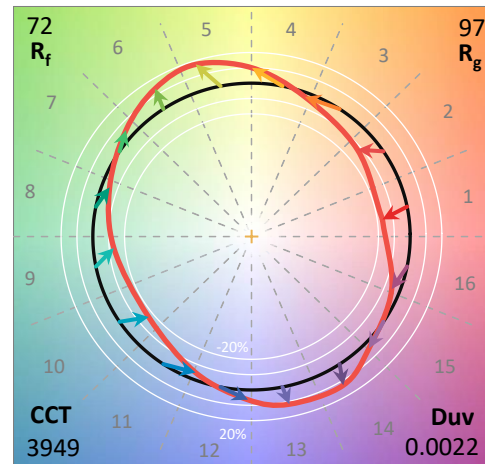
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

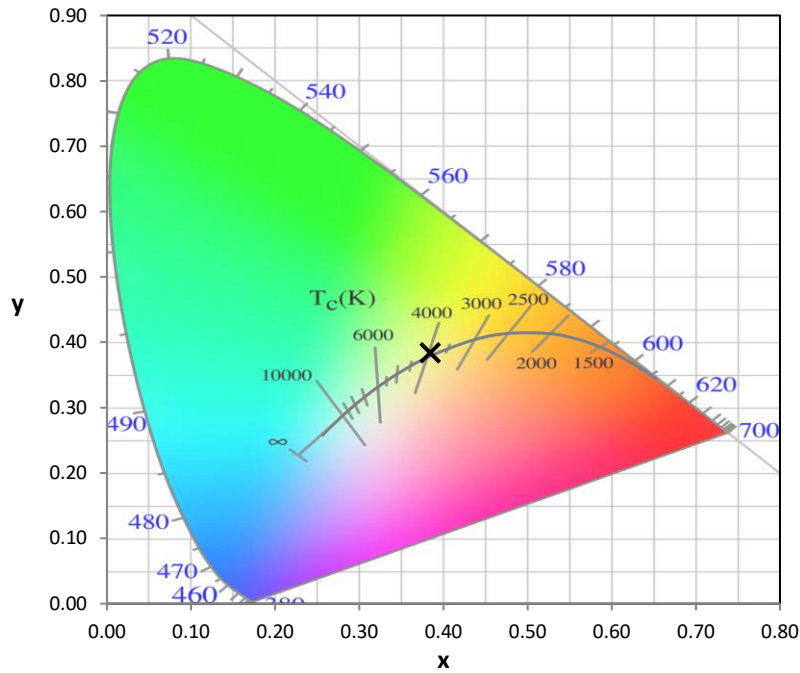
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

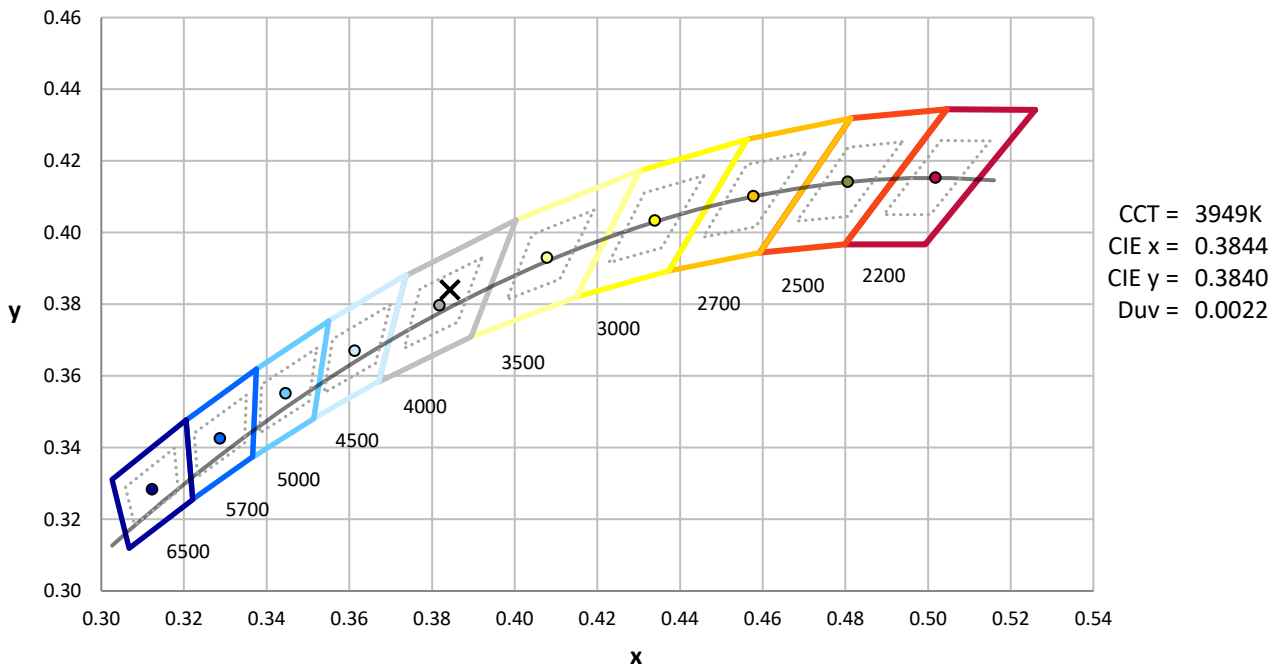
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



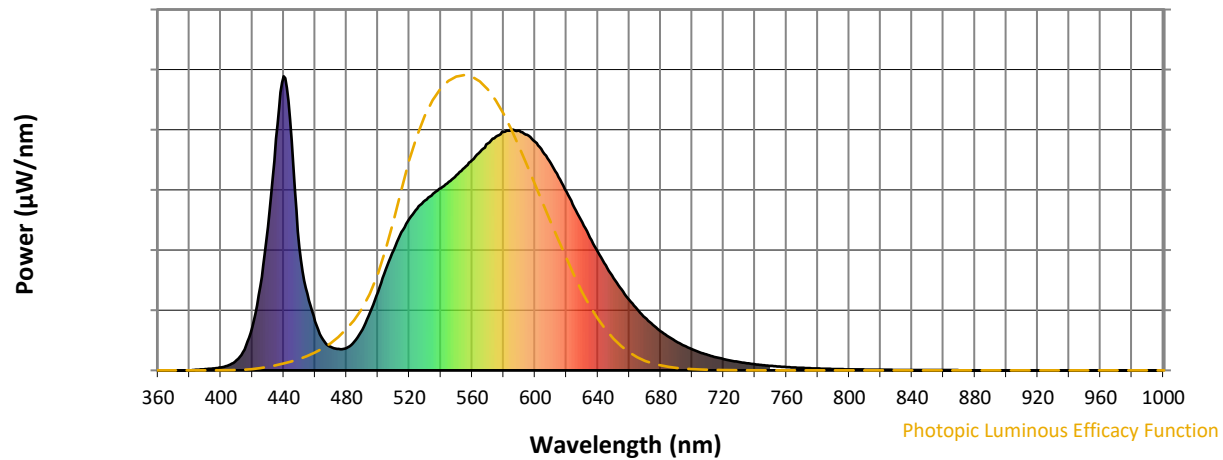
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

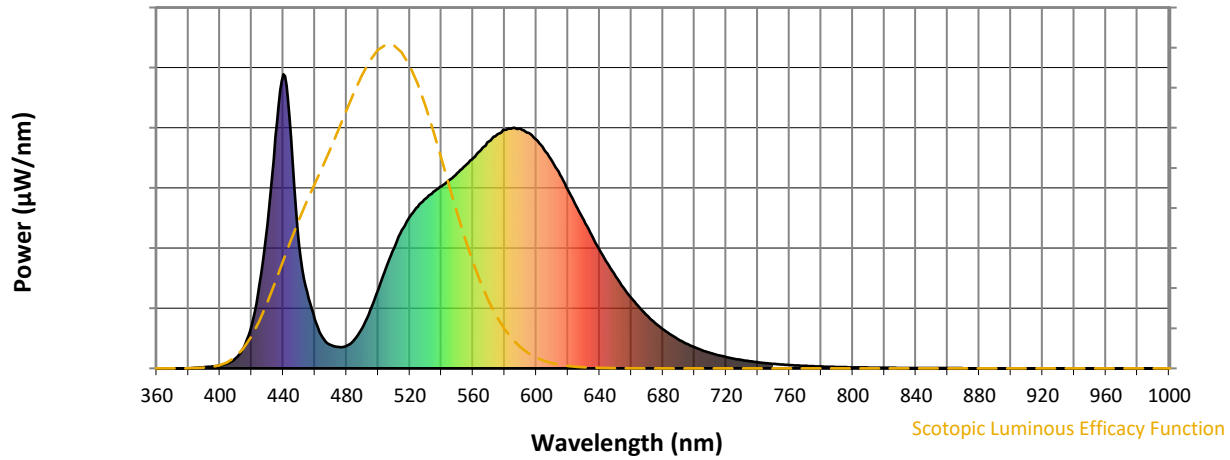


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



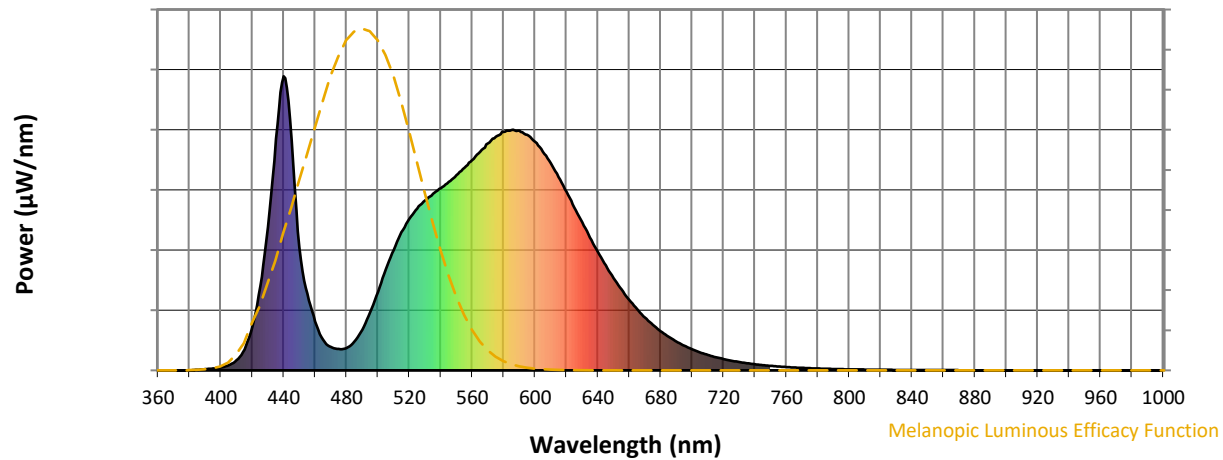
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

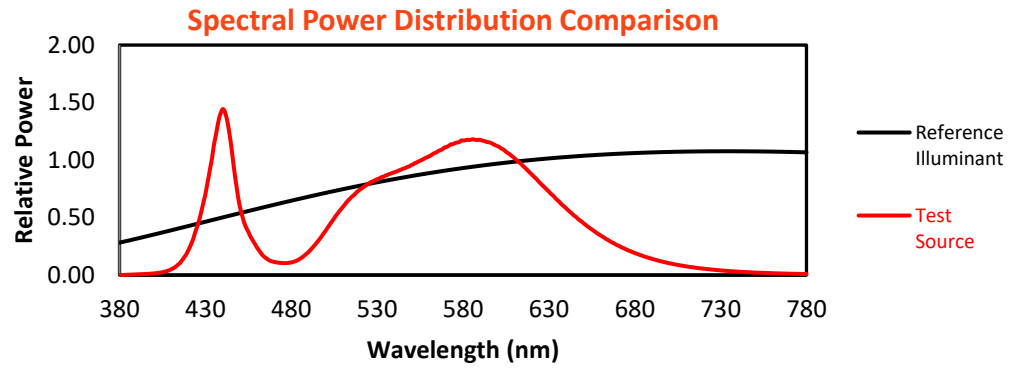
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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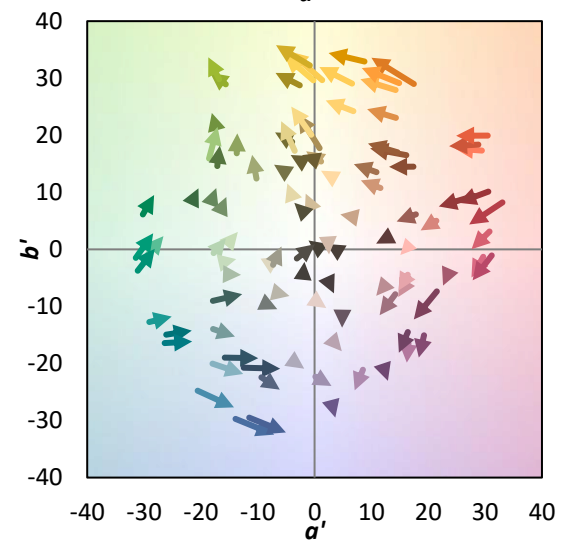
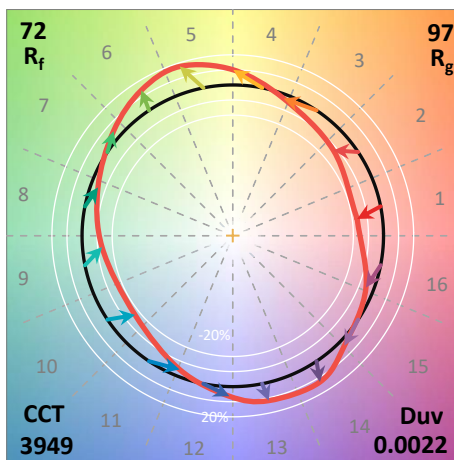
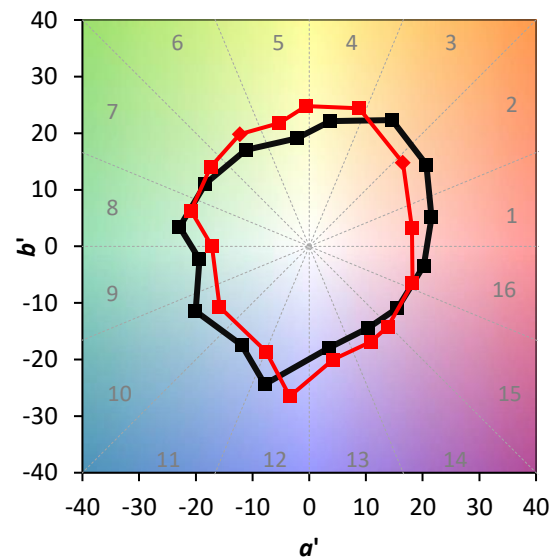
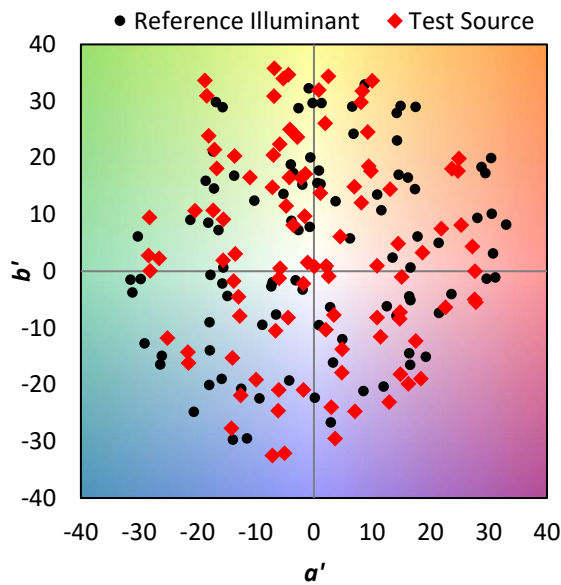
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

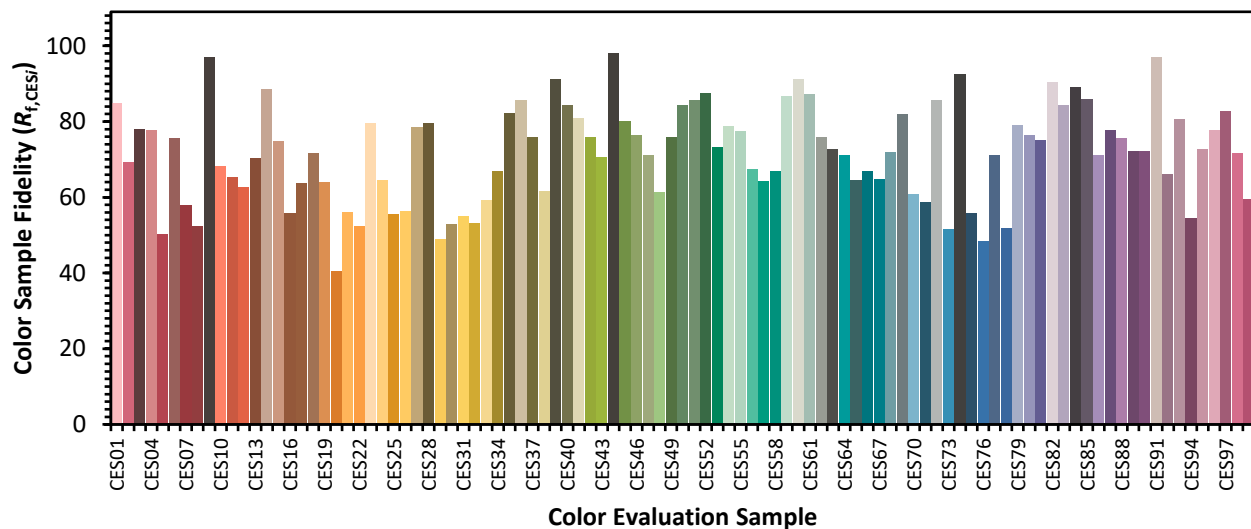


Color Vector Graphics

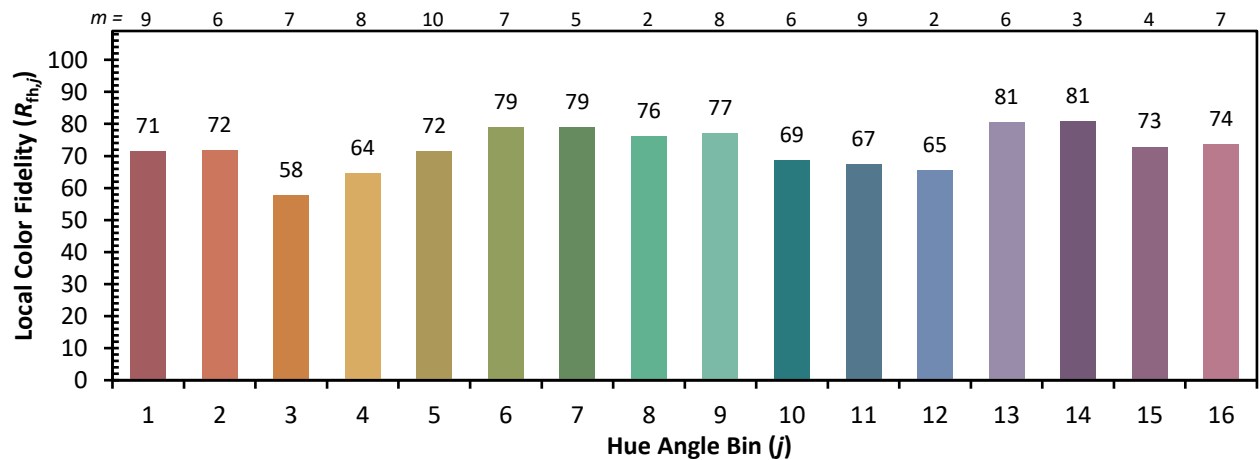
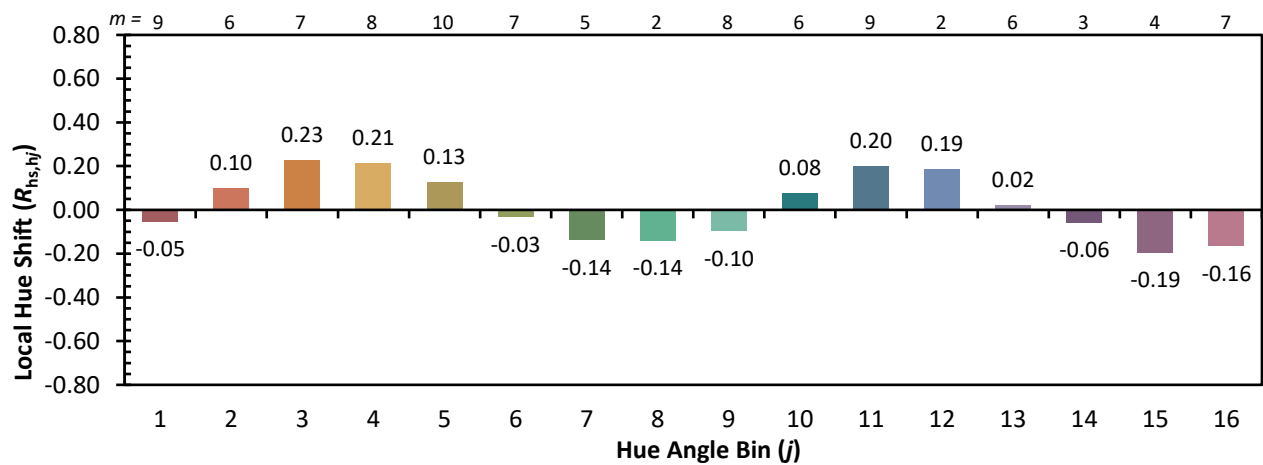
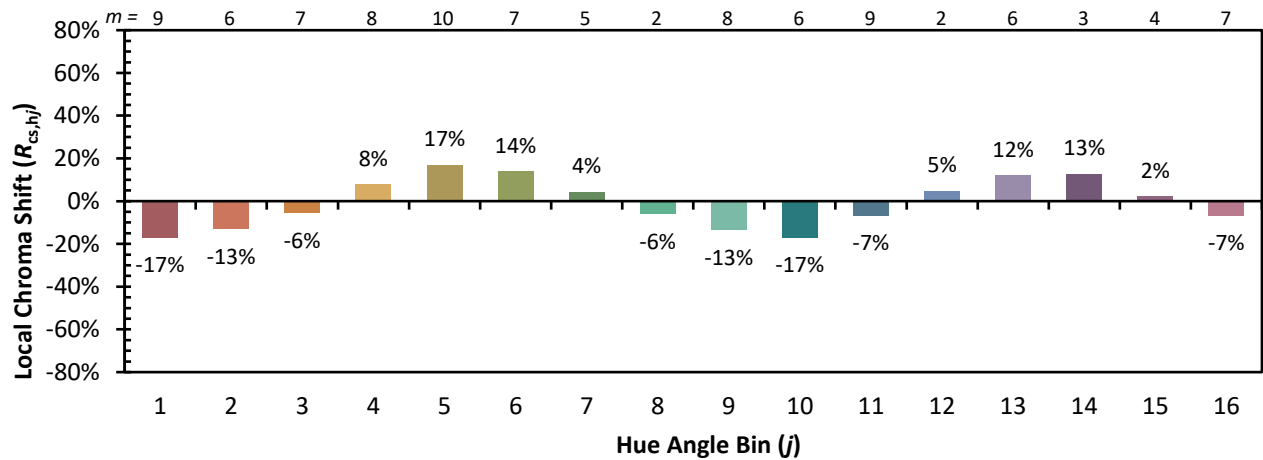


Individual Sample Fidelity Index ($R_{f,i}$)

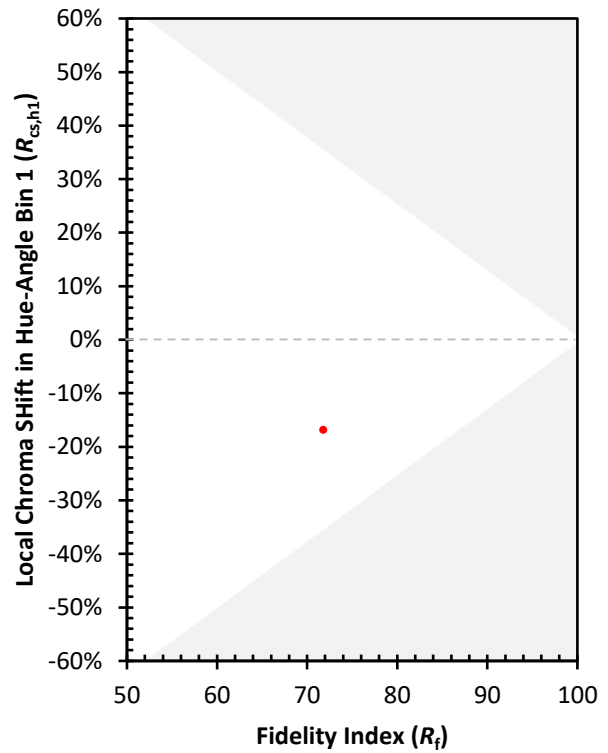
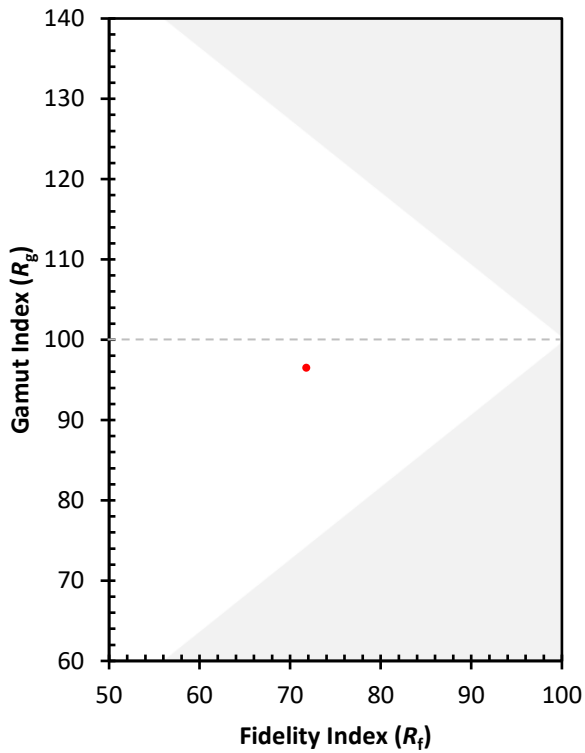
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)