

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: P1062658

Luminaire Tested: **GLAN-SA3B-740-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062658
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3B-740-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14739 lumens
Efficiency: N/A
Efficacy: 138.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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



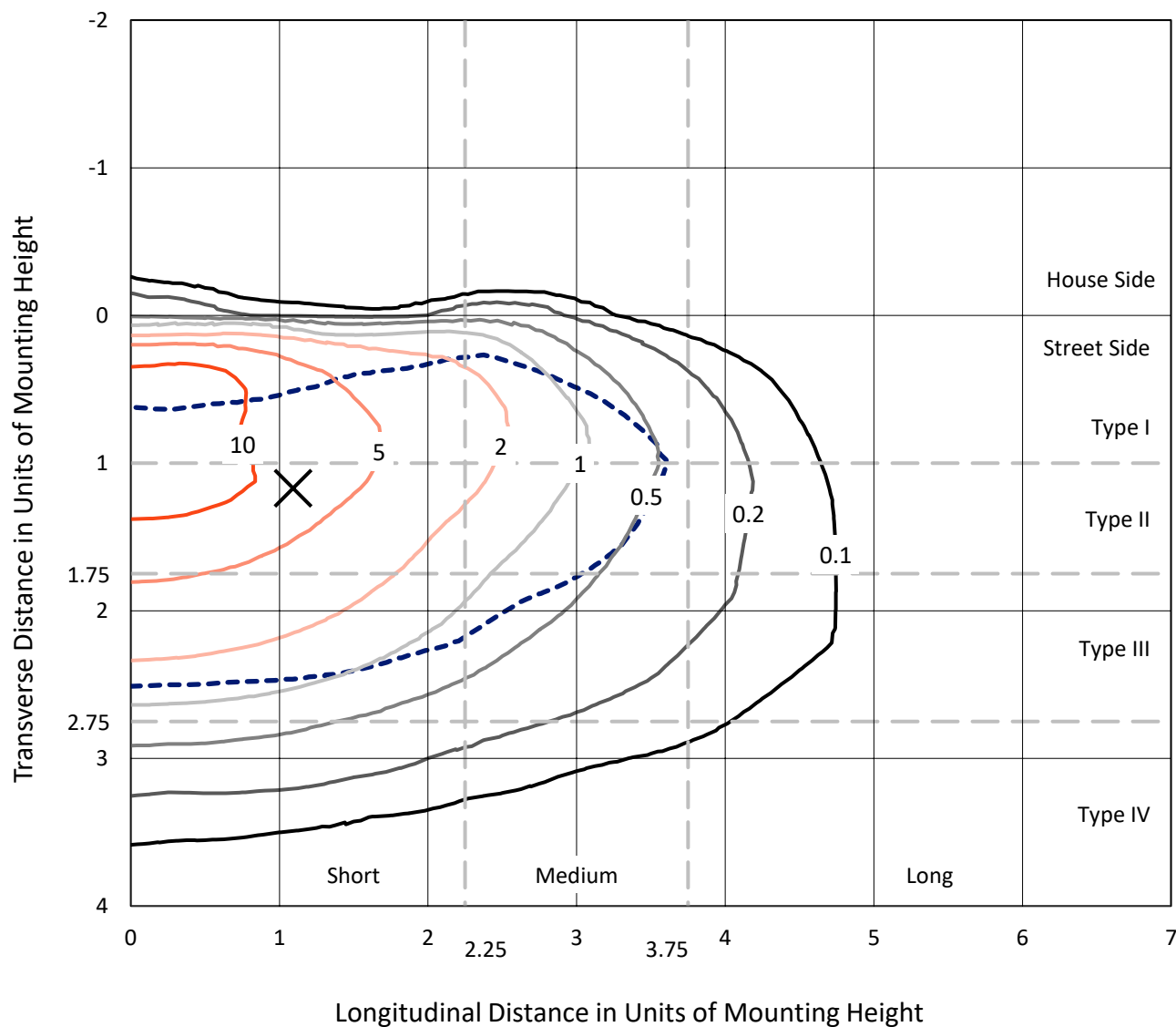
REPORT NUMBER: P1062658

CATALOG NUMBER: GLAN-SA3B-740-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

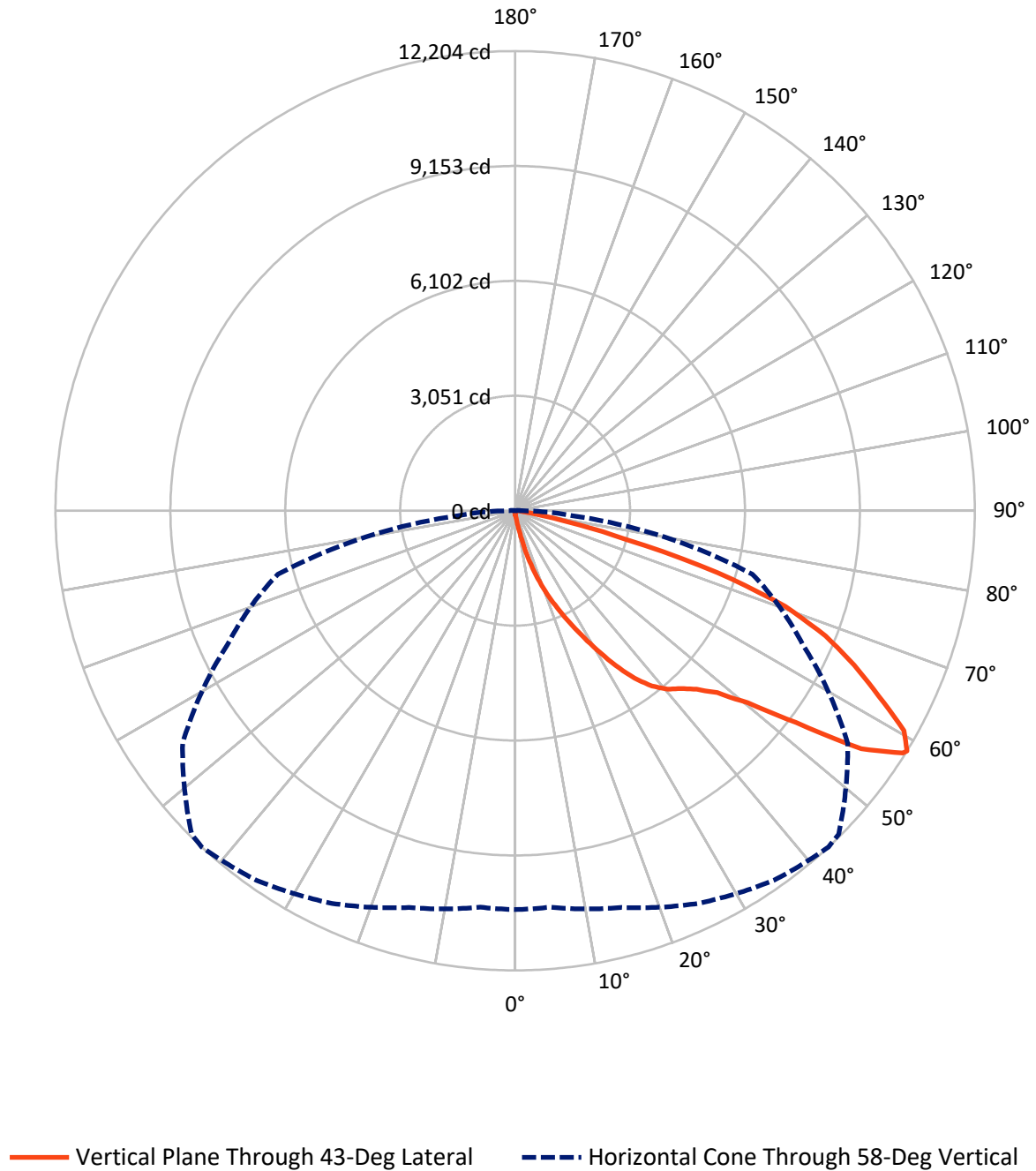


Based on 15 foot mounting height. Maximum calculated value = 16.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	53.8	0.0	53.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14685.1	0.0	14685.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	14739.0	0.0	14739.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	0.1
10°-20°	169.4	1.1
20°-30°	610.7	4.1
30°-40°	1397.2	9.5
40°-50°	2356.5	16.0
50°-60°	3888.7	26.4
60°-70°	4346.2	29.5
70°-80°	1794.5	12.2
80°-90°	161.8	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°	14739.0	100.0
0°-180°	14739.0	100.0



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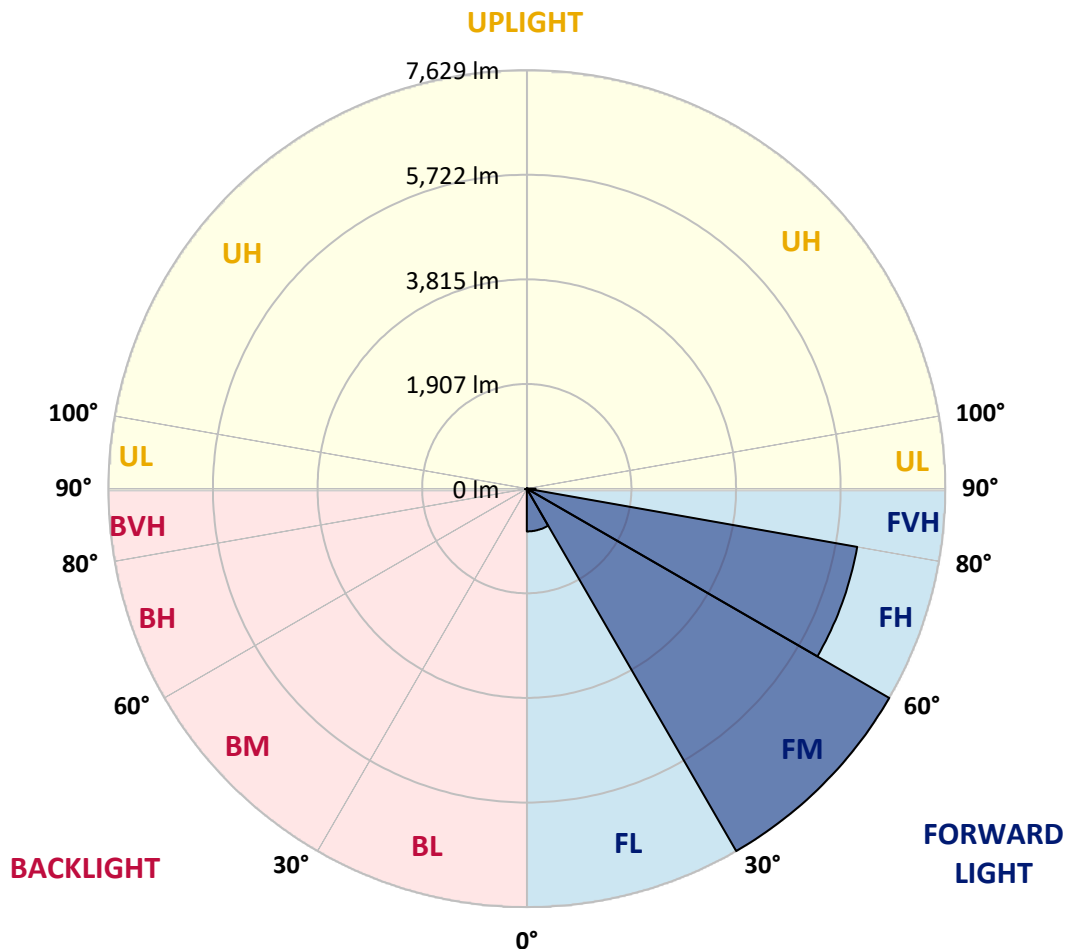
CATALOG NUMBER: GLAN-SA3B-740-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	780.2	5.3			
FM	(30°-60°)	7629.5	51.8			
FH	(60°-80°)	6116.0	41.5			G3/7500
FVH	(80°-90°)	159.6	1.1			G2/225
BL	(0°-30°)	14.0	0.1	B0/110		
BM	(30°-60°)	12.9	0.1	B0/220		
BH	(60°-80°)	24.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2.5°	115.6	119.5	115.6	115.6	115.6	111.8	111.8	107.9	107.9	104.1	100.2
5°	169.6	169.6	158.0	150.3	142.6	138.8	134.9	127.2	119.5	111.8	104.1
7.5°	377.8	377.8	343.1	296.8	235.1	200.5	192.7	158.0	134.9	119.5	104.1
10°	902.0	902.0	824.9	697.7	539.7	400.9	358.5	227.4	161.9	127.2	107.9
12.5°	1499.5	1518.8	1422.4	1260.5	1025.4	782.5	697.7	416.3	215.9	138.8	107.9
15°	2035.4	1989.1	1962.1	1807.9	1584.3	1295.2	1187.3	701.6	312.2	158.0	107.9
17.5°	2397.7	2397.7	2359.2	2255.1	2050.8	1796.4	1707.7	1133.3	505.0	181.2	111.8
20°	2821.7	2821.7	2752.4	2679.1	2497.9	2282.1	2197.3	1611.3	782.5	231.3	111.8
22.5°	3334.4	3342.2	3265.1	3134.0	2960.5	2721.5	2648.3	2054.6	1133.3	308.4	115.6
25°	3958.9	3966.6	3854.8	3731.5	3465.5	3207.2	3095.4	2563.5	1561.2	431.7	115.6
27.5°	4648.9	4702.9	4537.2	4325.1	4043.7	3719.9	3635.1	3022.2	1985.2	609.1	123.4
30°	5508.6	5508.6	5288.8	4992.0	4687.5	4286.6	4178.7	3504.1	2436.3	844.2	131.1
32.5°	6248.7	6190.9	5909.5	5597.2	5273.4	4899.5	4783.9	4009.0	2898.8	1137.2	146.5
35°	6815.4	6765.3	6418.3	6082.9	5801.5	5458.5	5319.7	4556.4	3388.4	1468.7	169.6
37.5°	7301.1	7281.8	6811.5	6391.3	6206.3	5905.6	5782.3	5073.0	3870.3	1827.2	196.6
40°	7833.0	7771.4	7270.2	6749.8	6472.3	6229.4	6117.6	5489.3	4332.8	2247.4	235.1
42.5°	8287.9	8214.7	7763.7	7254.8	6780.7	6453.0	6345.1	5840.1	4783.9	2667.6	285.3
45°	8792.9	8754.4	8299.5	7914.0	7281.8	6757.5	6614.9	6121.5	5196.3	3168.7	350.8
47.5°	9552.3	9482.9	9058.9	8742.8	8010.4	7220.1	7015.8	6410.6	5593.4	3662.1	451.0
50°	10435.1	10388.8	10138.2	9887.7	9159.1	8010.4	7767.5	6826.9	6036.7	4248.0	582.1
52.5°	11155.9	11148.2	11179.1	11182.9	10631.7	9340.3	8977.9	7497.7	6545.5	4826.3	767.1
55°	11140.5	11175.2	11514.4	11903.8	11946.2	11155.9	10805.1	8627.1	7208.6	5539.4	1025.4
57.5°	10724.2	10697.2	11055.7	11641.6	12054.1	12138.9	12081.1	10381.1	8207.0	6399.0	1422.4
58°	10589.3	10566.1	10905.4	11502.9	11977.0	12204.4	12146.6	10778.1	8430.5	6522.4	1530.4
60°	10099.7	10103.5	10304.0	10847.5	11321.7	11861.4	11915.3	11911.5	9544.6	7347.3	2073.9
62.5°	9452.1	9421.2	9606.3	10049.6	10465.9	10828.3	10920.8	11988.6	11175.2	8395.9	3110.9
65°	8557.8	8511.5	8708.1	9209.2	9656.4	9891.5	9895.4	10955.5	11942.3	9521.5	4591.1
67.5°	6896.3	6857.8	7251.0	7894.7	8584.7	8893.1	9031.9	9506.0	11294.7	10284.7	5439.2
70°	4224.9	4305.9	4853.2	5863.2	7042.8	7609.5	7817.6	7964.1	9617.8	10169.1	4548.7
72.5°	1950.6	1854.2	2320.6	3026.1	4371.4	5631.9	5847.8	6422.2	7624.9	8827.6	3392.3
75°	909.7	875.0	983.0	1322.2	1981.4	3041.5	3434.7	5126.9	5847.8	6140.8	2447.8
77.5°	466.4	470.3	559.0	601.4	817.2	1407.0	1615.2	3373.0	4286.6	3427.0	1642.2
80°	204.3	212.0	215.9	235.1	331.5	543.5	612.9	1565.1	2929.7	1746.2	898.2
82.5°	131.1	134.9	134.9	134.9	158.0	215.9	246.7	628.3	1461.0	867.3	277.5
85°	69.4	69.4	77.1	96.4	111.8	131.1	138.8	200.5	481.9	258.3	65.5
87.5°	38.5	42.4	46.3	57.8	73.2	88.7	96.4	138.8	185.0	177.3	15.4
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-SA3B-740-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
2.5°	100.2	96.4	92.5	88.7	84.8	81.0	81.0	81.0	81.0	81.0	81.0
5°	96.4	92.5	88.7	81.0	73.2	69.4	65.5	61.7	61.7	61.7	61.7
7.5°	96.4	92.5	81.0	73.2	65.5	57.8	50.1	50.1	50.1	50.1	50.1
10°	96.4	88.7	77.1	65.5	54.0	46.3	42.4	38.5	38.5	38.5	38.5
12.5°	96.4	84.8	73.2	57.8	46.3	38.5	34.7	30.8	30.8	30.8	30.8
15°	96.4	84.8	69.4	54.0	42.4	30.8	27.0	23.1	23.1	23.1	23.1
17.5°	92.5	81.0	65.5	46.3	34.7	23.1	19.3	15.4	15.4	19.3	19.3
20°	88.7	77.1	57.8	38.5	27.0	19.3	11.6	11.6	11.6	11.6	11.6
22.5°	88.7	77.1	54.0	34.7	23.1	11.6	7.7	7.7	7.7	7.7	11.6
25°	88.7	73.2	46.3	27.0	15.4	7.7	3.9	3.9	3.9	3.9	3.9
27.5°	88.7	73.2	42.4	23.1	11.6	7.7	3.9	0.0	0.0	0.0	0.0
30°	84.8	69.4	38.5	19.3	7.7	3.9	0.0	0.0	0.0	0.0	0.0
32.5°	84.8	65.5	30.8	15.4	7.7	3.9	0.0	0.0	0.0	0.0	0.0
35°	88.7	61.7	27.0	11.6	3.9	0.0	0.0	0.0	0.0	0.0	3.9
37.5°	92.5	57.8	23.1	7.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	96.4	54.0	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	104.1	54.0	19.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	111.8	54.0	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	127.2	57.8	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	138.8	61.7	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	154.2	57.8	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	173.5	57.8	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	188.9	54.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	196.6	50.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	235.1	46.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	366.2	38.5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	744.0	34.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1387.7	30.8	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1553.5	34.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	979.1	27.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	516.5	27.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	258.3	27.0	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	119.5	19.3	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	50.1	11.6	7.7	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.1	11.6	7.7	7.7	3.9	3.9	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	11.6	11.6	7.7	7.7	3.9	3.9	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

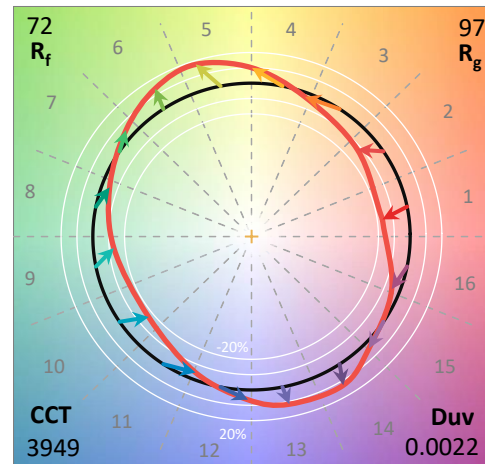
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

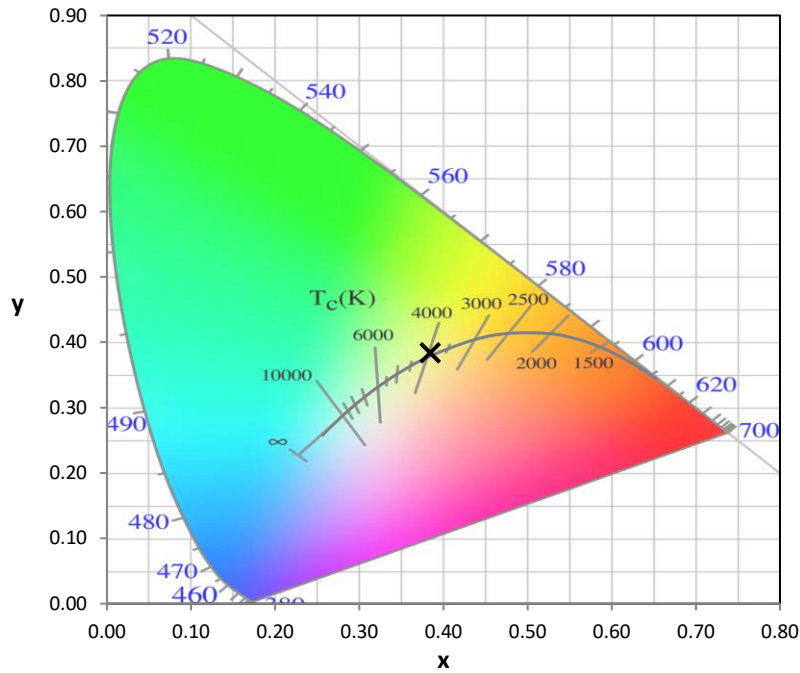
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

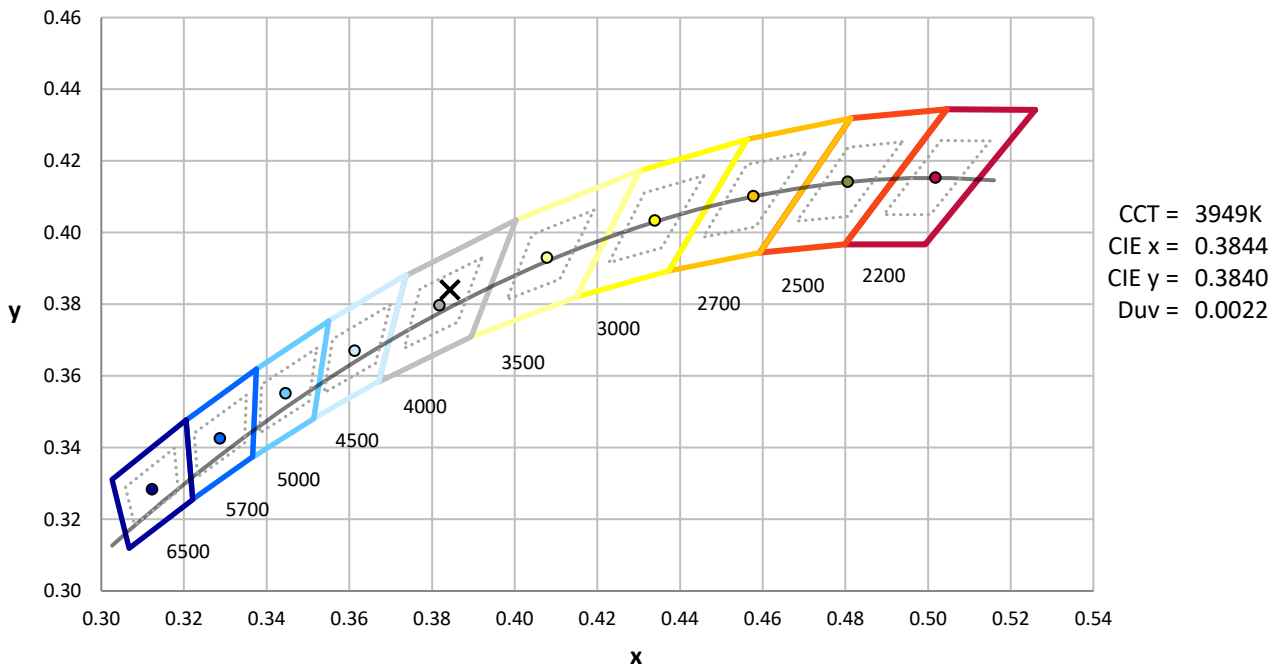
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



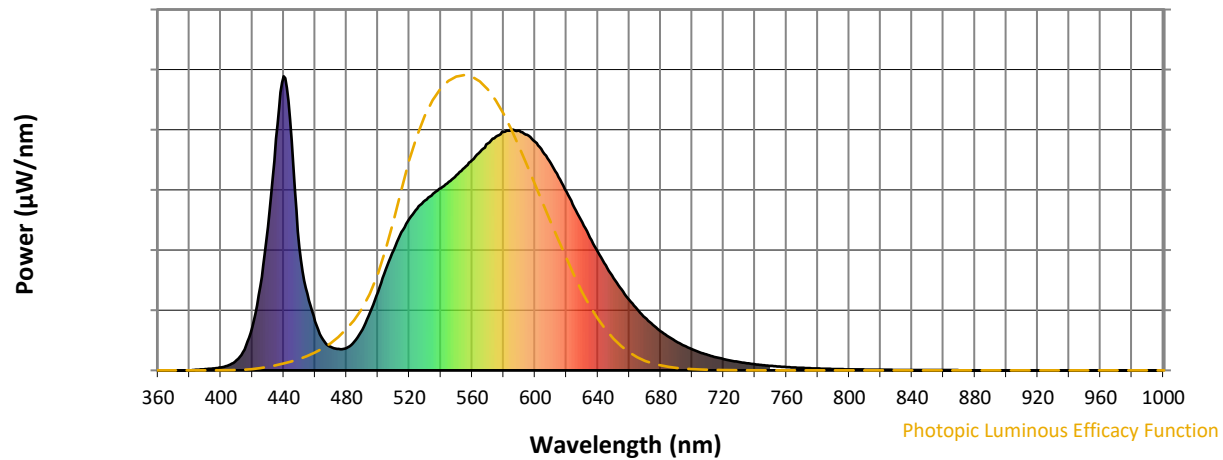
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

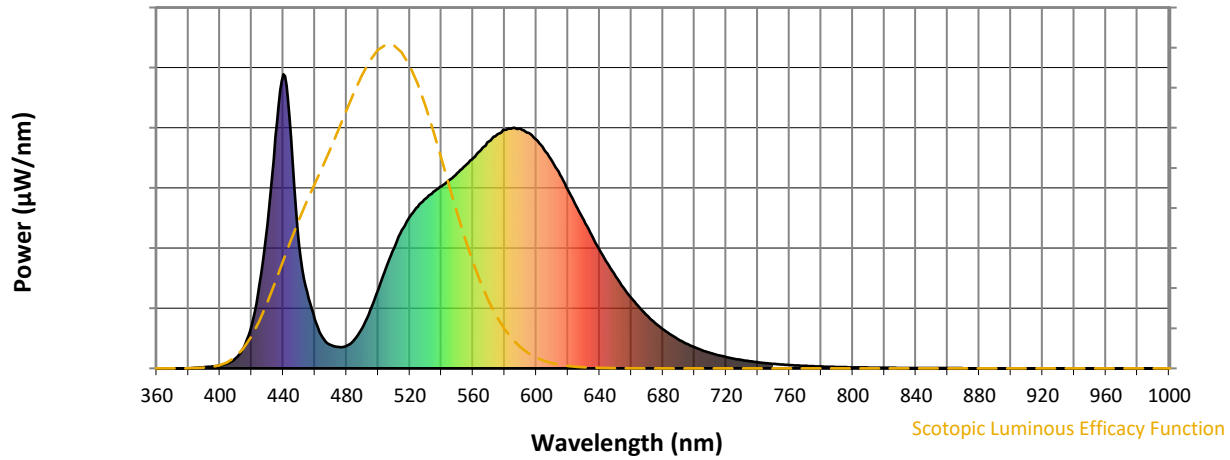


Photopic Lumens: NR

λ (nm)	Power 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			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



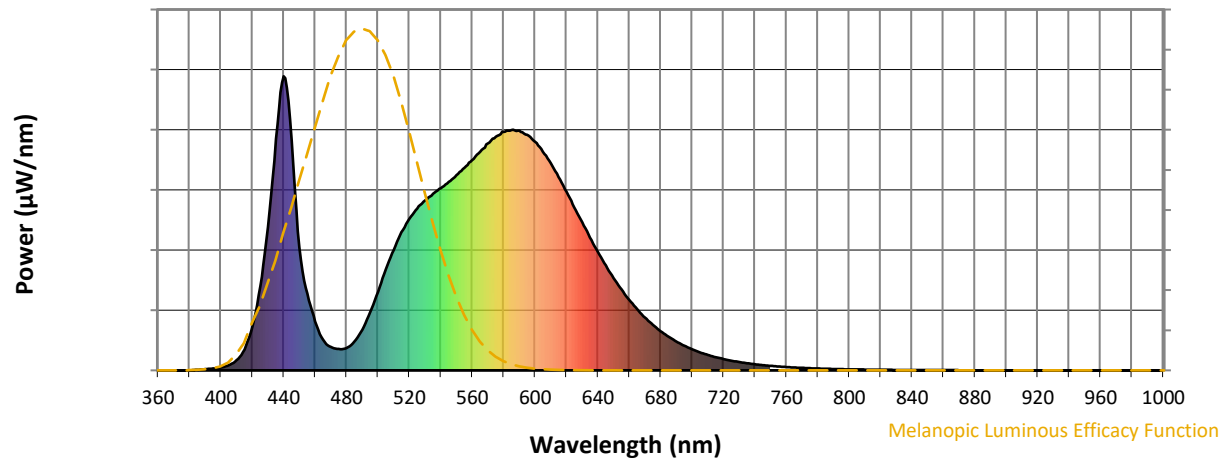
Scotopic Lumens: NR

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

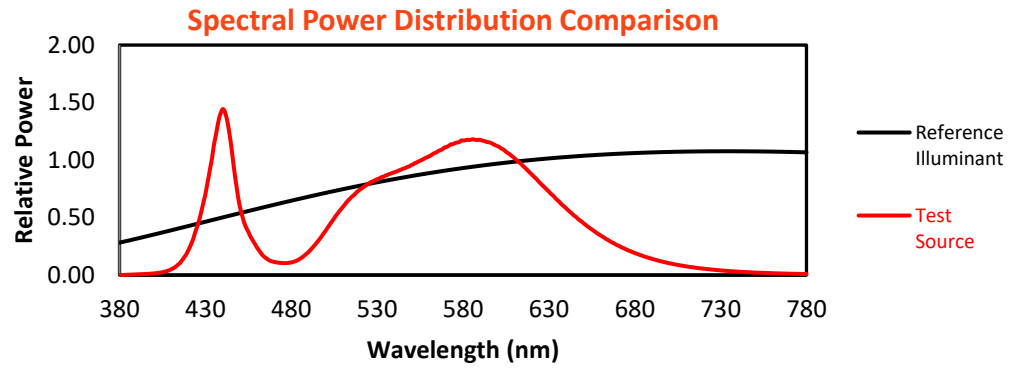
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	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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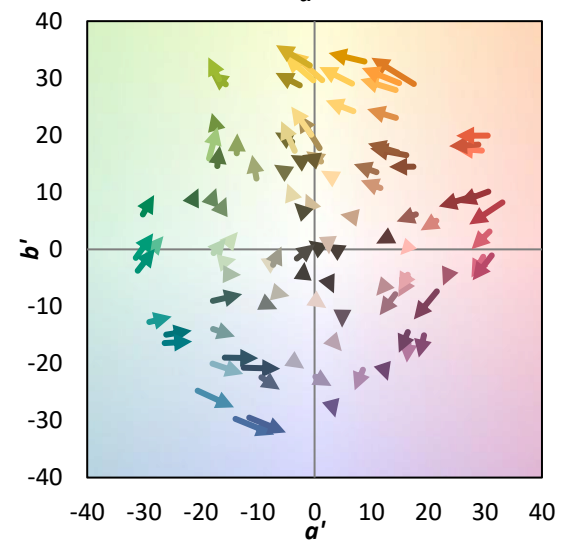
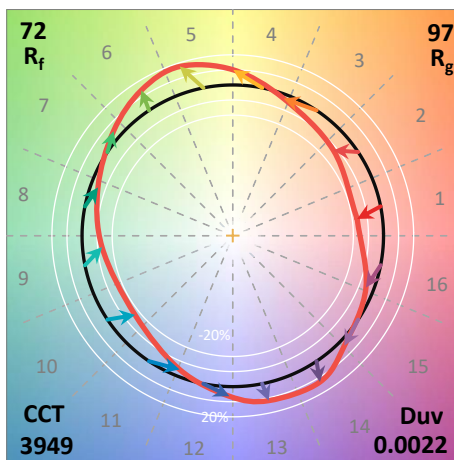
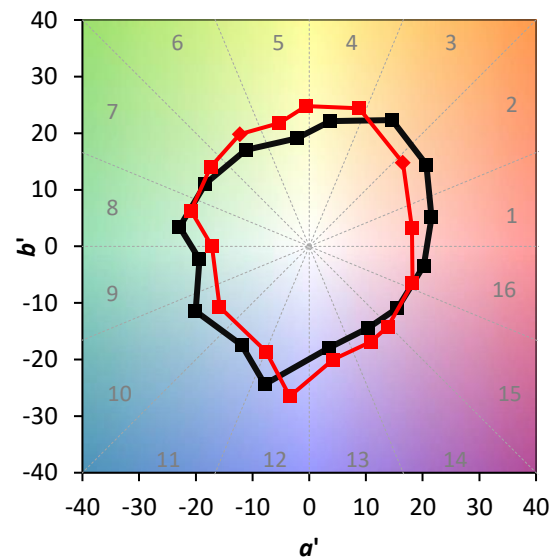
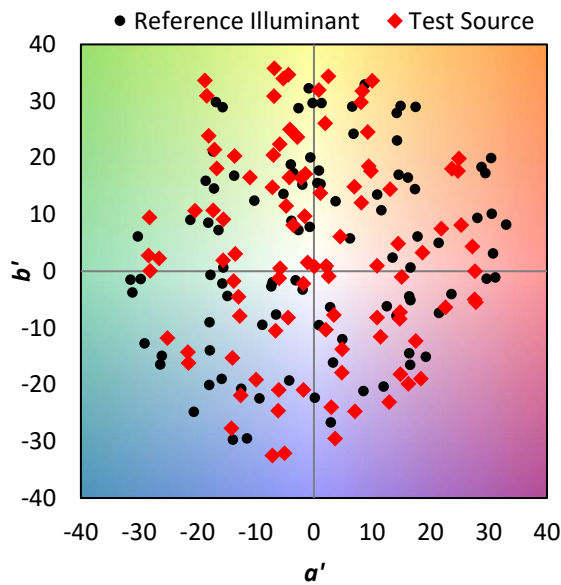
TM-30-18

Summary

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

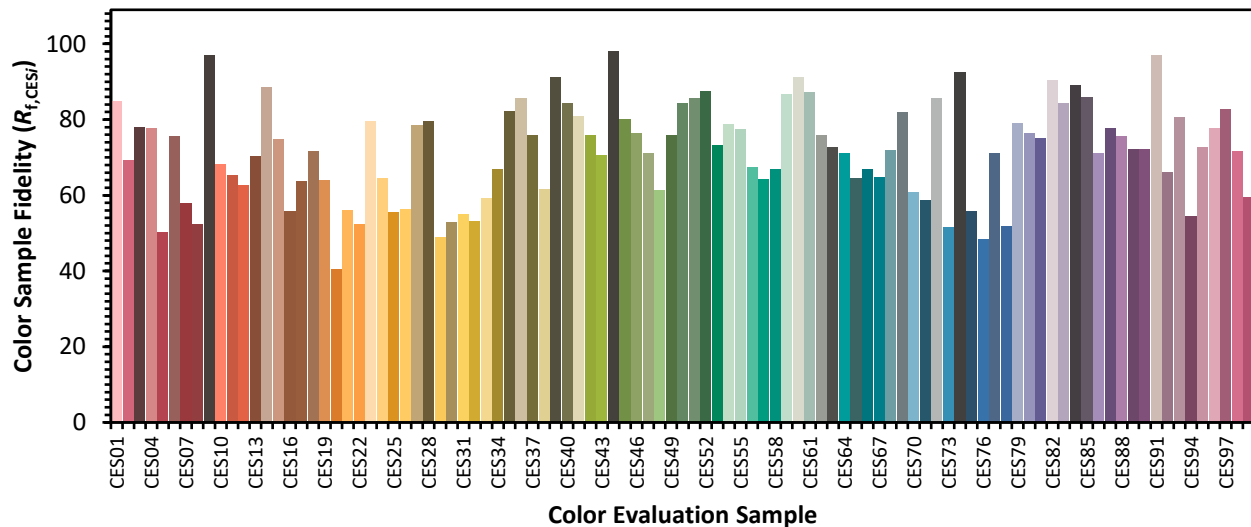


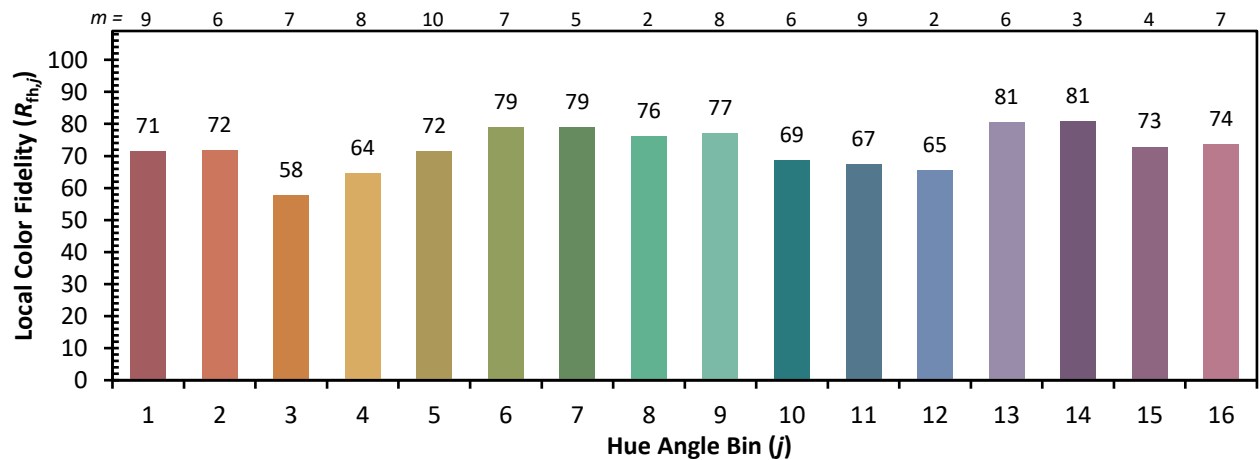
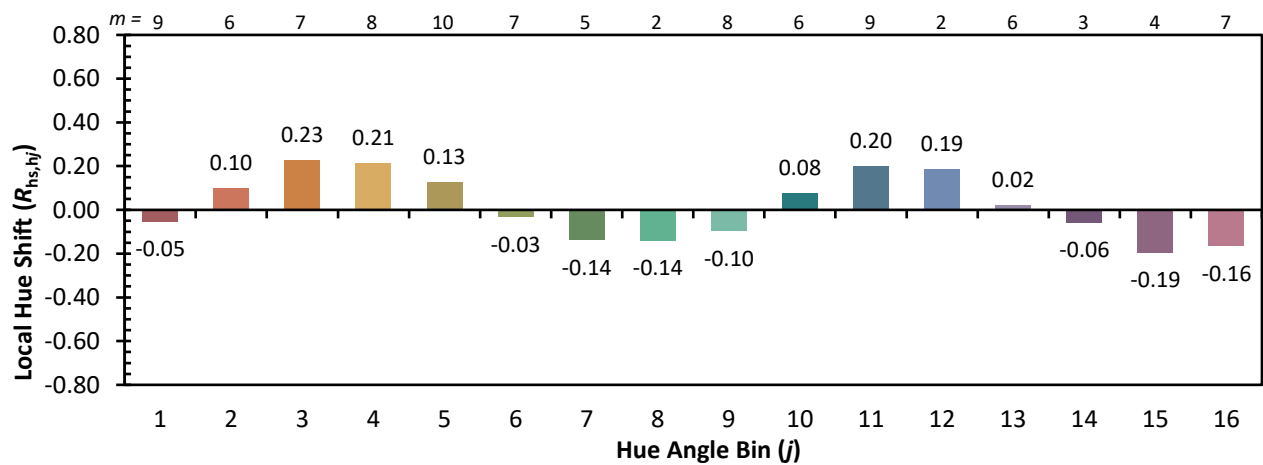
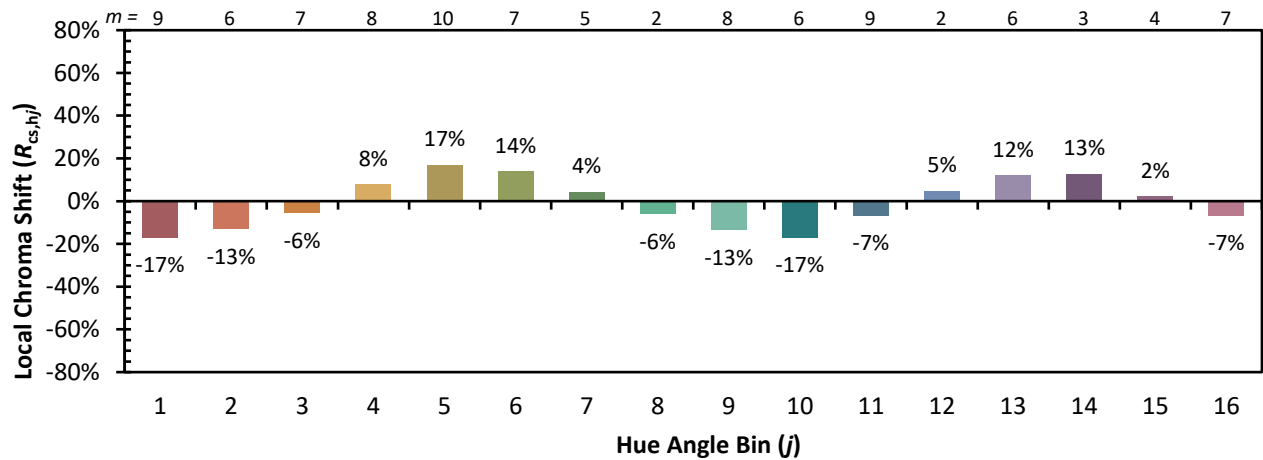
Color Vector Graphics



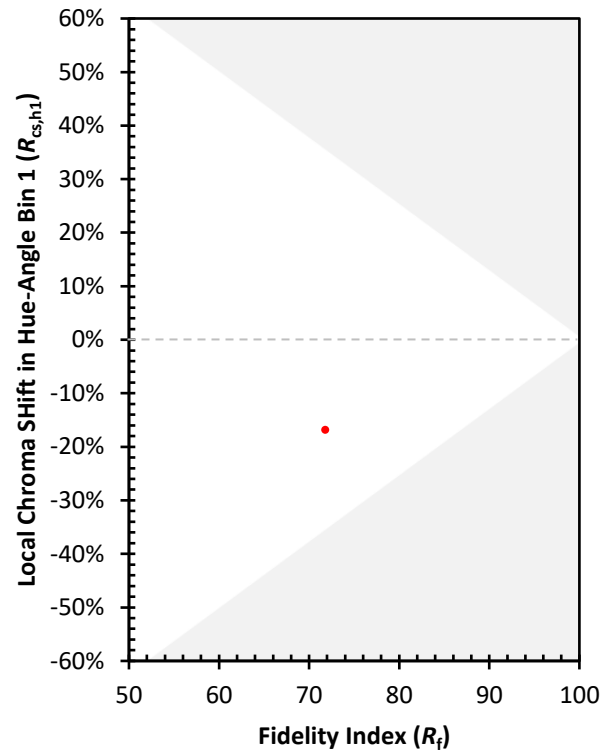
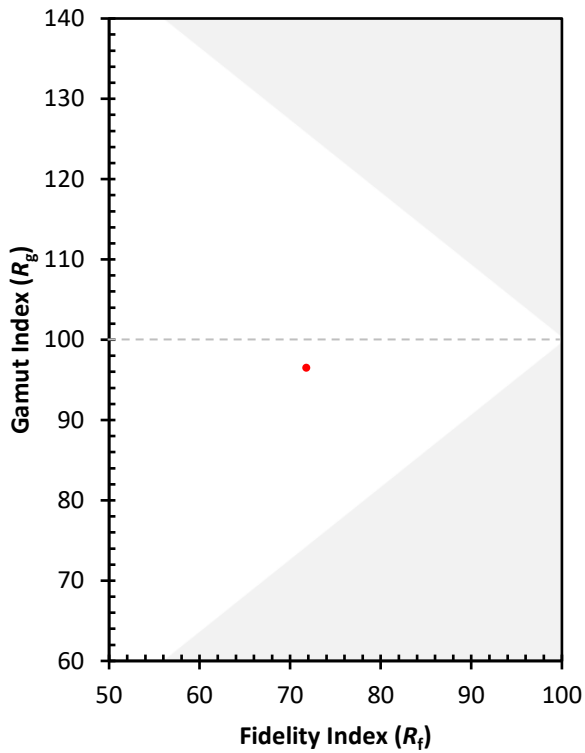
Individual Sample Fidelity Index ($R_{f,i}$)

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)