

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: P1063269

Luminaire Tested: **GLAN-SA3A-740-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063269
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-740-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10947.3 lumens
Efficiency: N/A
Efficacy: 134.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
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



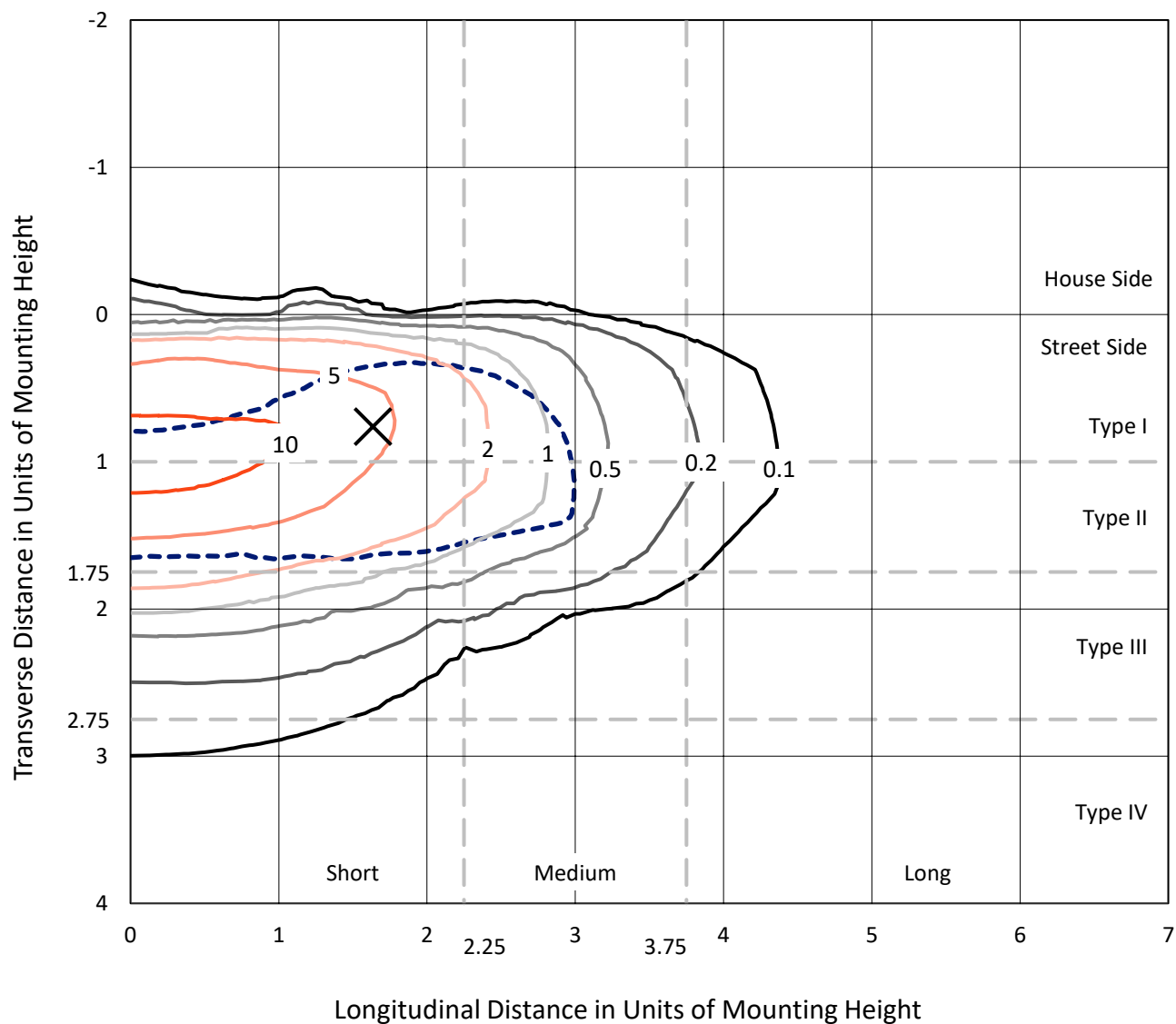
REPORT NUMBER: P1063269

CATALOG NUMBER: GLAN-SA3A-740-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

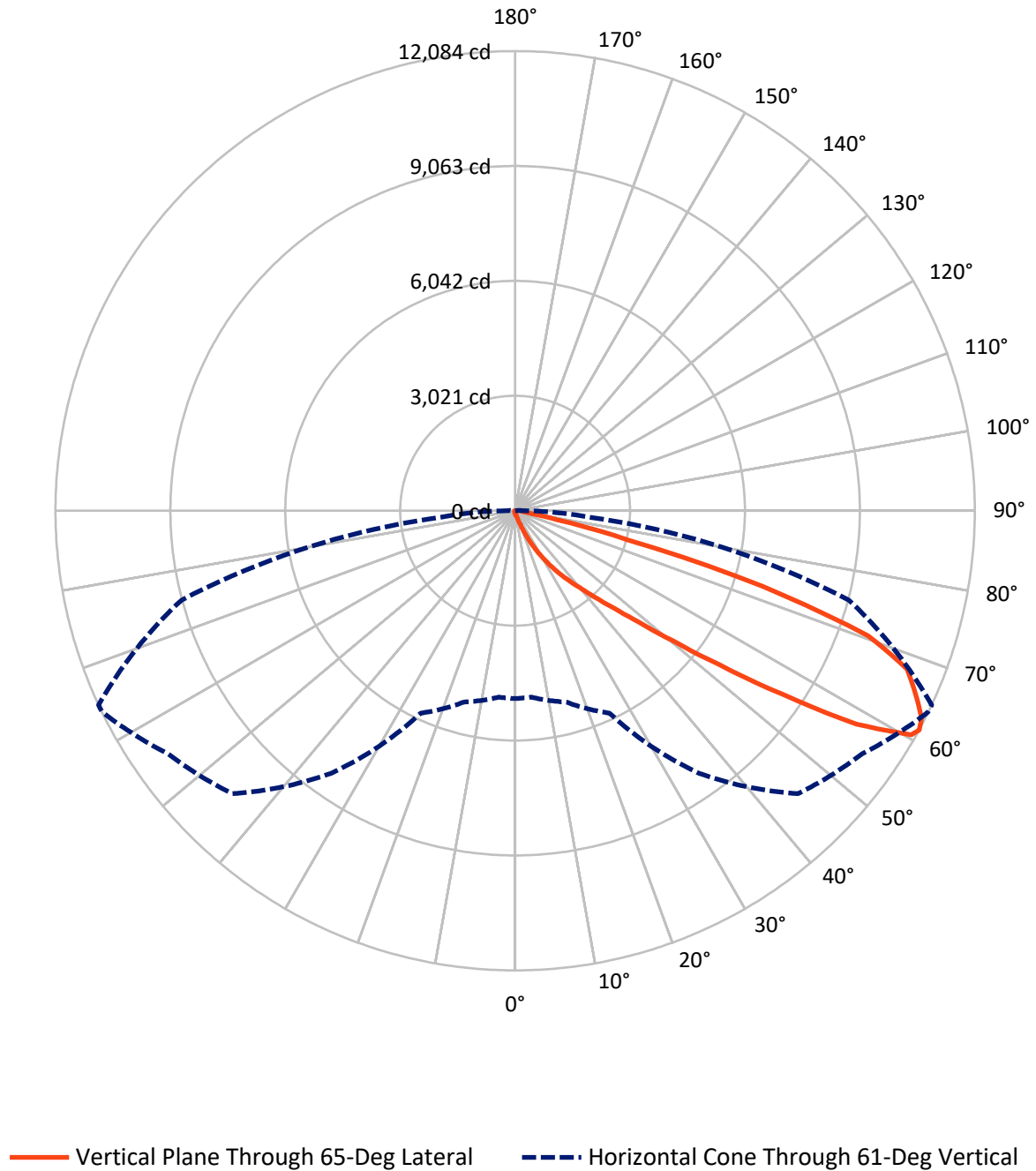


Based on 15 foot mounting height. Maximum calculated value = 14.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1063269

CATALOG NUMBER: GLAN-SA3A-740-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1063269

CATALOG NUMBER: GLAN-SA3A-740-U-T2BC

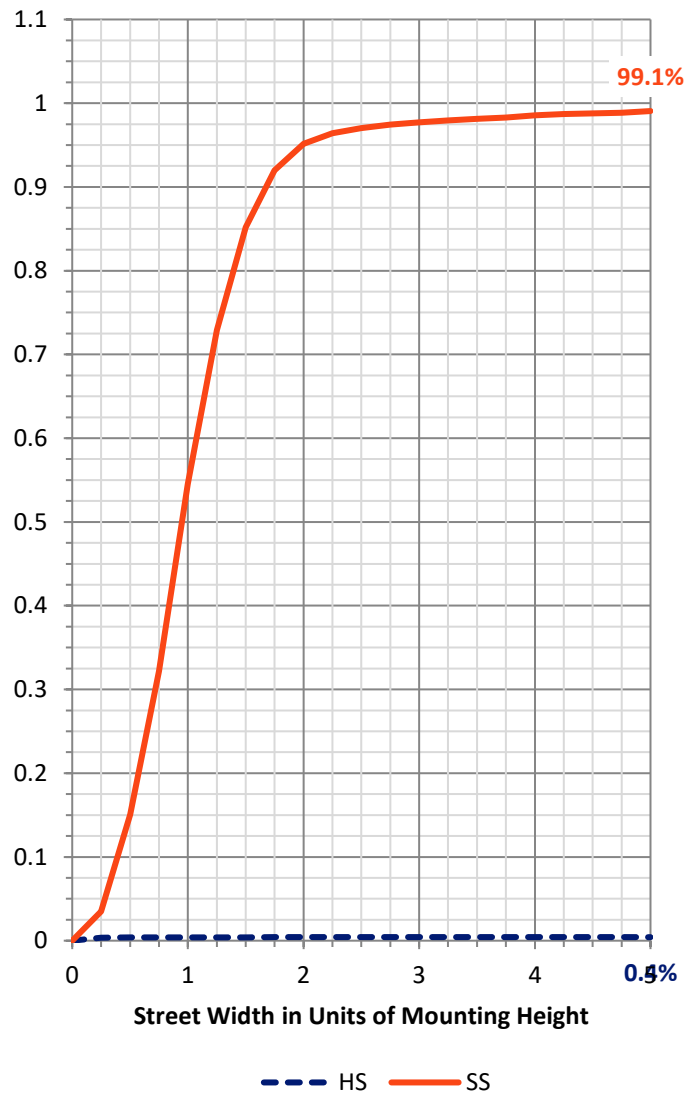
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	46.7	0.0	46.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10900.6	0.0	10900.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	10947.3	0.0	10947.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.5	0.1
10°-20°	90.0	0.8
20°-30°	323.1	3.0
30°-40°	860.1	7.9
40°-50°	2259.6	20.6
50°-60°	3500.5	32.0
60°-70°	2935.1	26.8
70°-80°	863.8	7.9
80°-90°	106.6	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°	10947.3	100.0
0°-180°	10947.3	100.0



REPORT NUMBER: P1063269

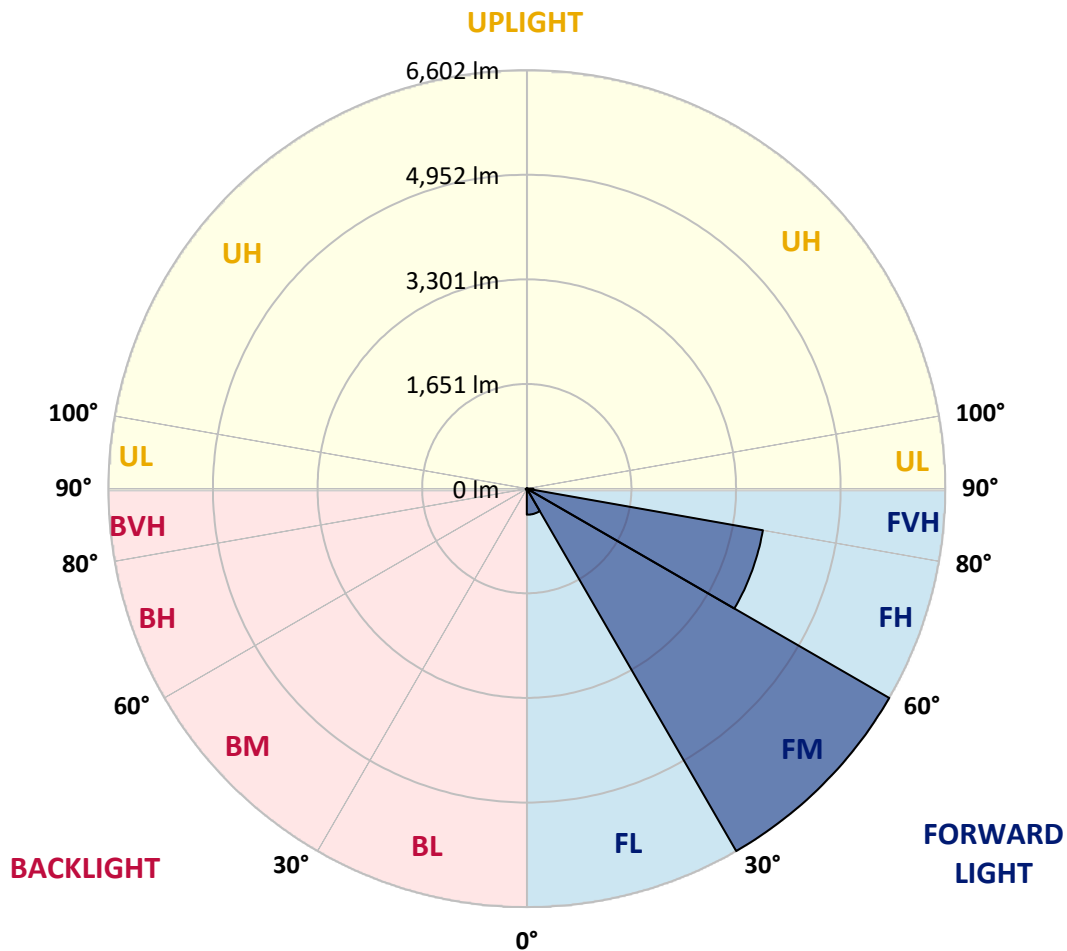
CATALOG NUMBER: GLAN-SA3A-740-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	411.1	3.8			
FM	(30°-60°)	6602.5	60.3			
FH	(60°-80°)	3782.4	34.6			G2/5000
FVH	(80°-90°)	104.6	1.0			G2/225
BL	(0°-30°)	10.5	0.1	B0/110		
BM	(30°-60°)	17.8	0.2	B0/220		
BH	(60°-80°)	16.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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-G2

Type II Short



REPORT NUMBER: P1063269

CATALOG NUMBER: GLAN-SA3A-740-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
2.5°	81.3	82.1	80.6	77.6	75.3	75.3	74.6	72.3	72.3	70.0	68.5
5°	113.7	112.2	109.2	103.2	97.9	92.6	87.4	82.1	81.3	74.6	70.0
7.5°	186.0	187.5	177.7	158.9	143.1	122.7	103.9	92.6	91.1	79.8	70.8
10°	408.2	396.9	374.3	301.2	247.8	186.8	138.6	107.7	106.2	85.8	72.3
12.5°	744.0	735.0	693.6	618.3	480.5	334.4	202.6	133.3	128.8	91.1	73.0
15°	1072.4	1058.0	1035.5	959.4	798.2	599.4	331.3	182.2	170.2	98.7	72.3
17.5°	1281.7	1284.0	1263.6	1231.3	1127.3	887.1	572.3	271.9	248.5	112.2	70.8
20°	1464.7	1459.4	1470.7	1453.4	1380.4	1205.6	832.9	430.7	390.8	134.0	71.5
22.5°	1675.6	1688.4	1696.6	1692.9	1612.3	1463.2	1128.8	644.6	594.2	174.0	73.8
25°	1958.0	1956.4	1957.2	1947.4	1869.1	1703.4	1425.5	910.4	859.2	238.7	79.1
27.5°	2253.9	2262.9	2266.7	2231.3	2128.9	1966.2	1700.4	1201.1	1140.9	342.6	85.8
30°	2658.3	2650.8	2633.4	2561.2	2436.9	2235.1	1971.5	1506.1	1442.9	488.0	96.4
32.5°	3203.5	3195.2	3107.9	2948.2	2762.2	2515.2	2244.1	1811.9	1735.0	669.5	110.7
35°	4101.9	4114.7	3900.1	3486.7	3153.1	2851.8	2546.1	2116.1	2048.3	893.1	130.3
37.5°	5477.7	5407.7	5116.3	4385.8	3667.4	3272.0	2834.5	2423.3	2364.6	1168.7	155.9
40°	6814.4	6745.1	6660.8	5968.7	4561.3	3735.2	3238.2	2784.1	2708.0	1479.8	193.5
42.5°	8219.6	8181.2	8177.5	7655.6	6192.4	4463.4	3723.9	3206.5	3141.8	1820.9	255.3
45°	9215.2	9176.8	9257.3	9348.5	8413.9	6023.7	4569.6	3755.5	3661.4	2235.1	353.9
47.5°	9349.2	9350.7	9566.1	9851.5	10064.6	8437.3	5696.1	4483.0	4368.5	2827.7	519.6
50°	8903.4	8920.7	9263.4	9773.9	10347.8	10462.2	7682.7	5538.7	5369.3	3530.3	754.6
52.5°	8054.7	8074.3	8551.7	9391.4	10087.2	10948.7	10021.7	6919.9	6724.8	4406.9	1085.9
55°	7290.4	7302.4	7849.9	8910.9	9773.2	10684.4	11410.3	8764.1	8508.1	5485.3	1412.7
57.5°	6533.5	6505.7	6861.9	8076.5	9719.7	10359.8	11615.2	10865.9	10583.5	6663.8	1667.3
60°	5521.4	5474.7	5760.9	6533.5	9016.4	10572.9	11231.9	12028.6	11964.6	8304.7	1863.8
61°	4939.3	4919.7	5207.4	5870.1	8424.5	10518.7	11140.0	12077.5	12084.3	9081.1	1951.9
62.5°	3527.3	3583.1	4022.8	4884.3	7056.2	10167.0	11152.0	11926.2	11993.2	10112.8	2180.1
65°	1567.9	1657.5	1999.4	2700.5	4103.4	8457.6	11045.1	11594.1	11560.9	10396.0	2966.3
67.5°	930.0	943.6	1113.8	1530.2	2173.3	4549.2	9746.8	11155.1	11110.6	9050.3	3690.7
70°	732.7	739.5	793.7	960.1	1261.4	1742.6	5562.8	9651.2	9844.7	7338.6	3613.2
72.5°	695.1	693.6	701.1	730.5	794.5	864.5	2153.7	6415.3	6809.2	5285.0	3029.6
75°	686.0	683.0	675.5	664.2	575.3	509.1	667.2	2837.5	3065.7	3610.9	2281.0
77.5°	665.7	666.5	668.0	637.1	493.3	360.0	323.1	910.4	1119.8	2291.6	1621.3
80°	450.3	457.1	468.4	456.4	443.6	260.6	228.2	323.8	328.3	1286.2	1070.8
82.5°	228.2	228.2	222.9	198.8	171.7	169.4	181.5	235.0	238.0	650.6	503.8
85°	137.8	145.3	148.4	134.8	123.5	113.7	138.6	186.8	193.5	252.3	117.5
87.5°	30.9	31.6	34.6	45.9	67.0	91.1	128.8	170.9	174.0	161.9	14.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1063269

CATALOG NUMBER: GLAN-SA3A-740-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
2.5°	67.8	66.3	65.5	63.3	61.0	58.7	57.2	56.5	57.2	58.0	58.0
5°	67.0	64.8	61.0	57.2	54.2	51.2	48.2	47.4	47.4	48.2	48.2
7.5°	67.0	63.3	58.0	53.5	48.9	44.4	42.2	40.7	41.4	41.4	41.4
10°	67.0	62.5	55.7	48.9	43.7	38.4	34.6	33.1	33.1	33.1	33.1
12.5°	66.3	61.8	53.5	45.2	37.7	31.6	27.1	24.9	25.6	25.6	25.6
15°	64.8	59.5	50.5	38.4	30.1	24.1	19.6	17.3	18.1	19.6	20.3
17.5°	62.5	57.2	45.2	32.4	24.1	18.1	13.6	12.0	12.8	15.1	15.1
20°	61.8	55.0	39.9	26.4	18.1	12.8	9.0	7.5	8.3	11.3	12.0
22.5°	61.8	53.5	36.1	21.8	13.6	8.3	5.3	3.0	3.0	5.3	5.3
25°	62.5	52.7	33.1	18.1	9.8	6.0	3.0	1.5	3.0	8.3	9.8
27.5°	64.0	52.0	31.6	15.1	7.5	5.3	2.3	5.3	9.0	9.0	9.0
30°	65.5	50.5	29.4	12.8	6.8	3.8	3.8	7.5	7.5	9.0	9.8
32.5°	67.8	49.7	27.9	11.3	5.3	3.0	5.3	4.5	4.5	5.3	6.0
35°	72.3	50.5	26.4	11.3	5.3	3.8	4.5	2.3	1.5	1.5	1.5
37.5°	78.3	51.2	24.1	9.8	4.5	4.5	2.3	0.0	0.0	0.0	0.0
40°	88.1	53.5	22.6	9.0	3.8	3.8	0.8	0.0	0.0	0.0	0.0
42.5°	104.7	58.0	21.8	8.3	3.8	3.0	0.0	0.0	0.0	0.0	0.0
45°	137.8	68.5	20.3	7.5	3.8	1.5	0.0	0.0	0.0	0.0	0.0
47.5°	198.1	93.4	19.6	6.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	289.2	126.5	18.8	5.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	369.0	133.3	12.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	378.0	91.9	9.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	301.2	59.5	8.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	228.2	45.2	7.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	219.1	40.7	7.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	241.7	35.4	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	393.1	29.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	683.0	25.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	863.0	24.1	4.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	752.3	21.8	4.5	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	452.6	18.8	4.5	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	237.2	14.3	4.5	3.8	2.3	0.8	0.0	0.0	0.0	0.0	0.0
80°	115.2	12.8	5.3	3.8	3.0	1.5	0.0	0.0	0.0	0.0	0.0
82.5°	45.2	10.5	6.0	5.3	3.8	2.3	0.8	0.0	0.0	0.0	0.0
85°	20.3	9.0	6.8	6.0	5.3	3.0	0.8	0.0	0.0	0.0	0.0
87.5°	10.5	8.3	7.5	6.8	5.3	3.8	1.5	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

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

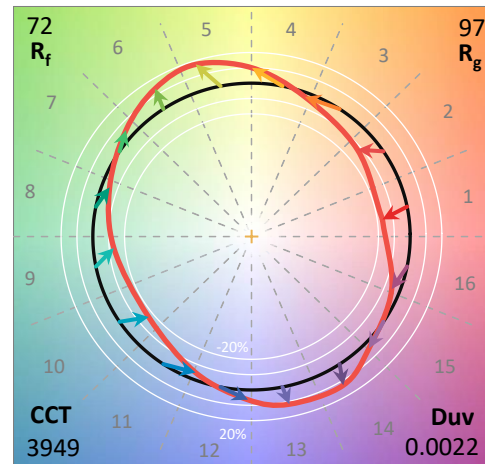
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

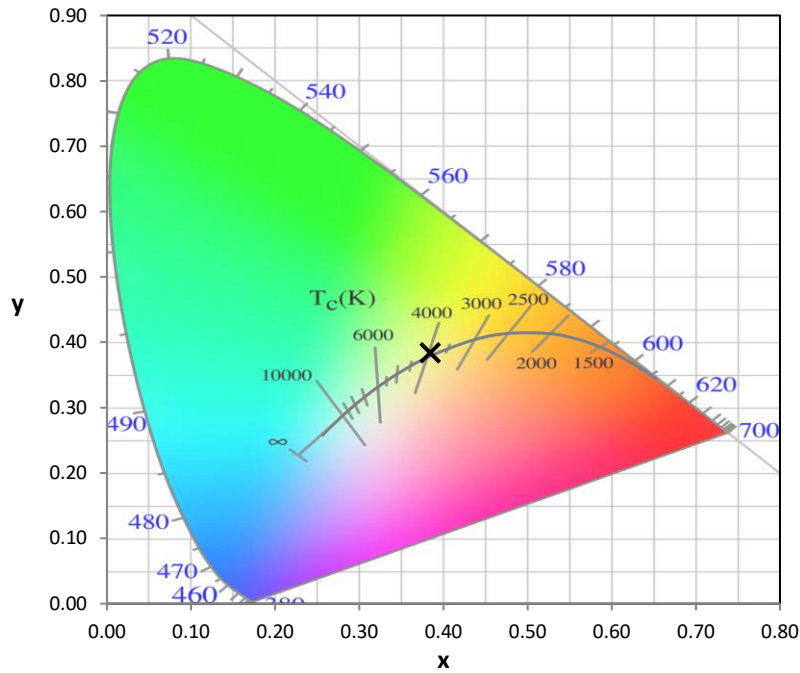
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

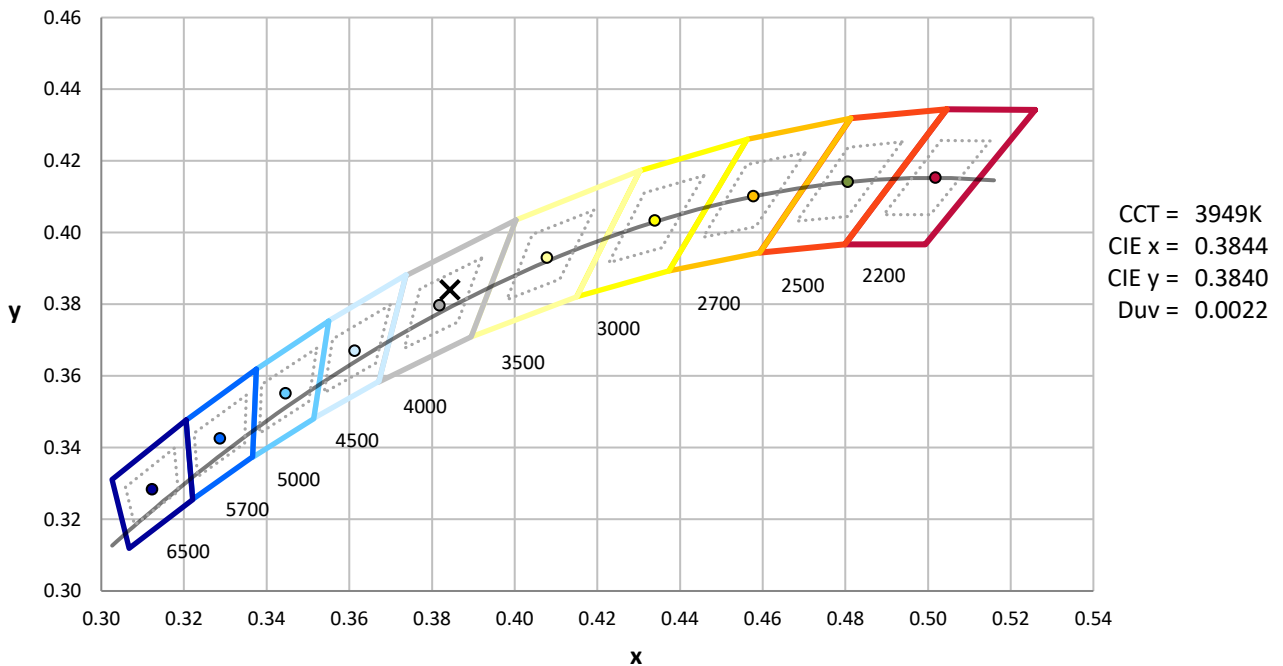
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



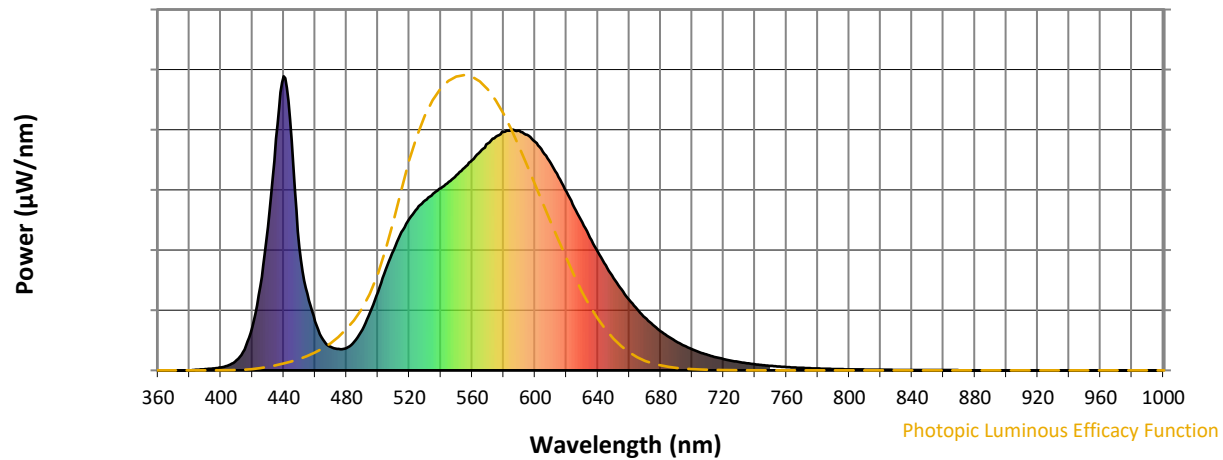
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

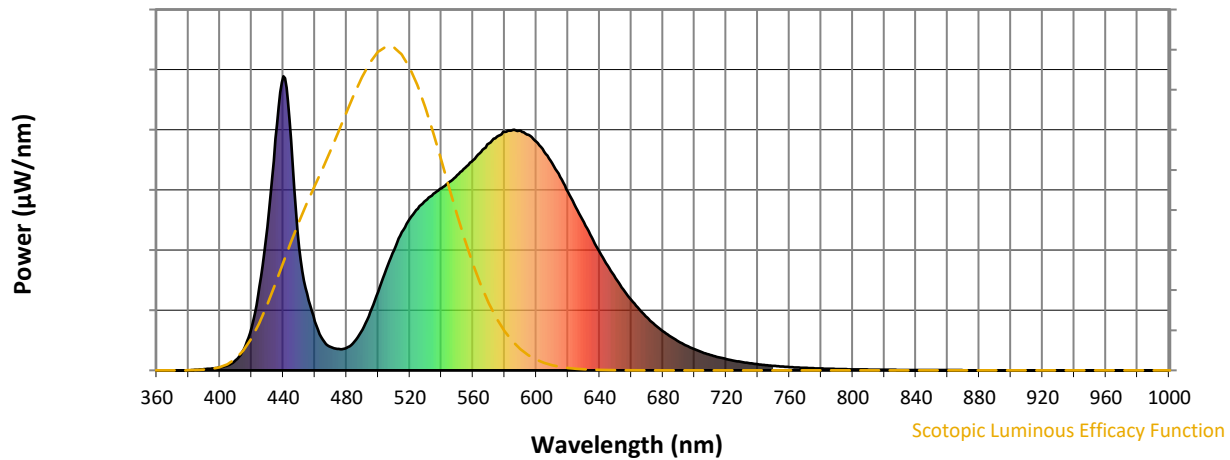


Photopic Lumens: NR

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	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



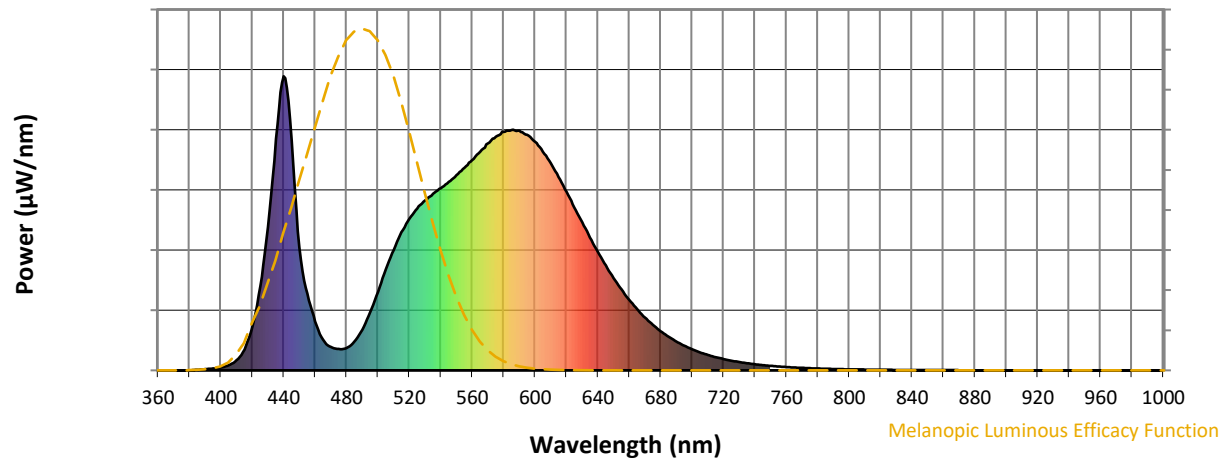
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

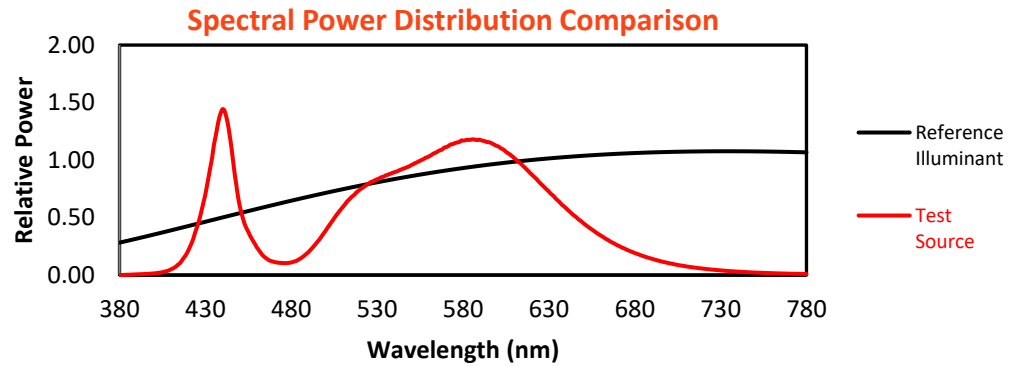
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	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			

REPORT NUMBER: SP1-2407-184-1

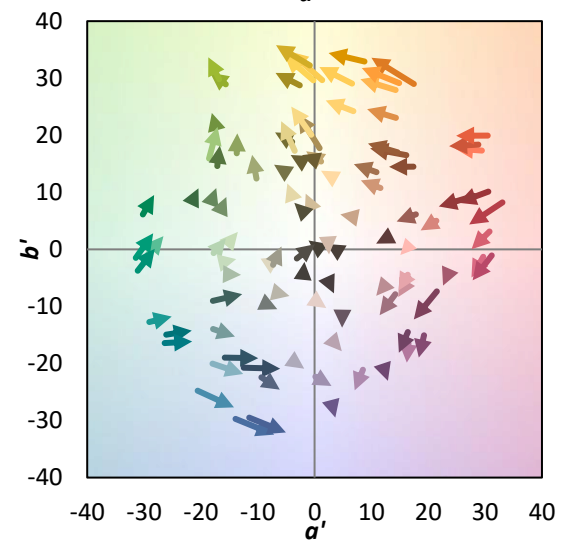
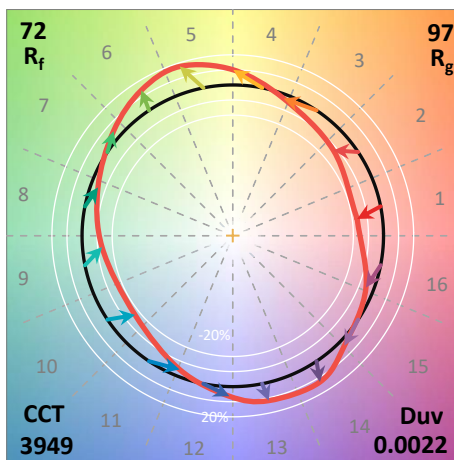
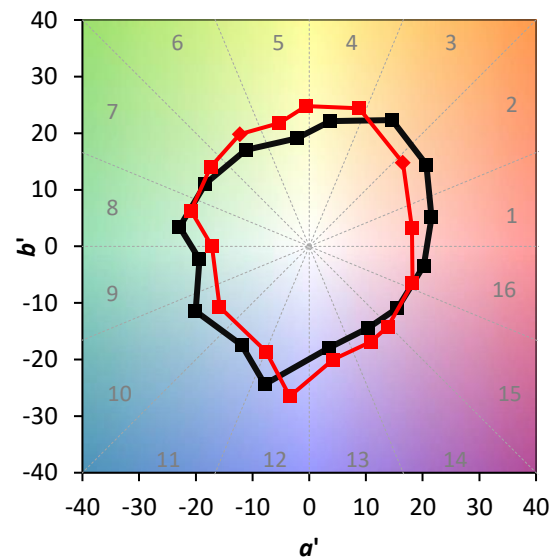
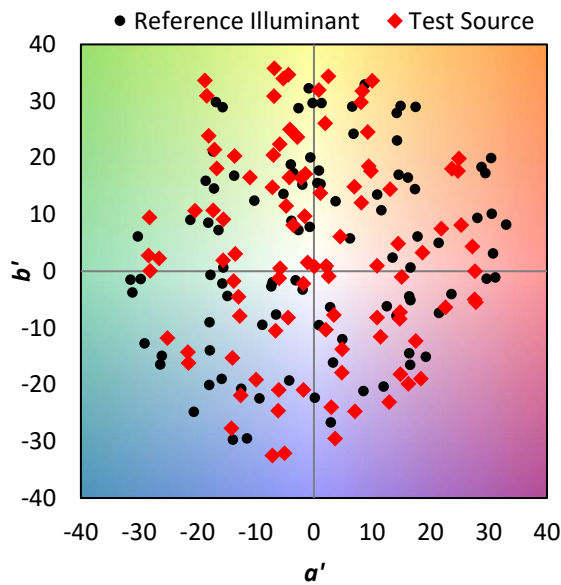
TM-30-18

Summary

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

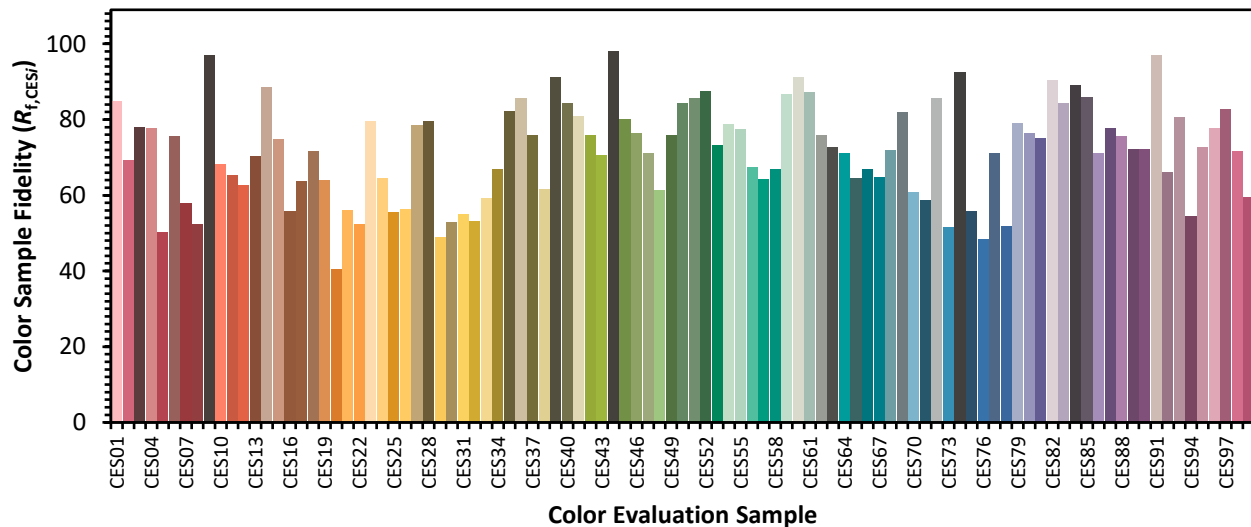


Color Vector Graphics

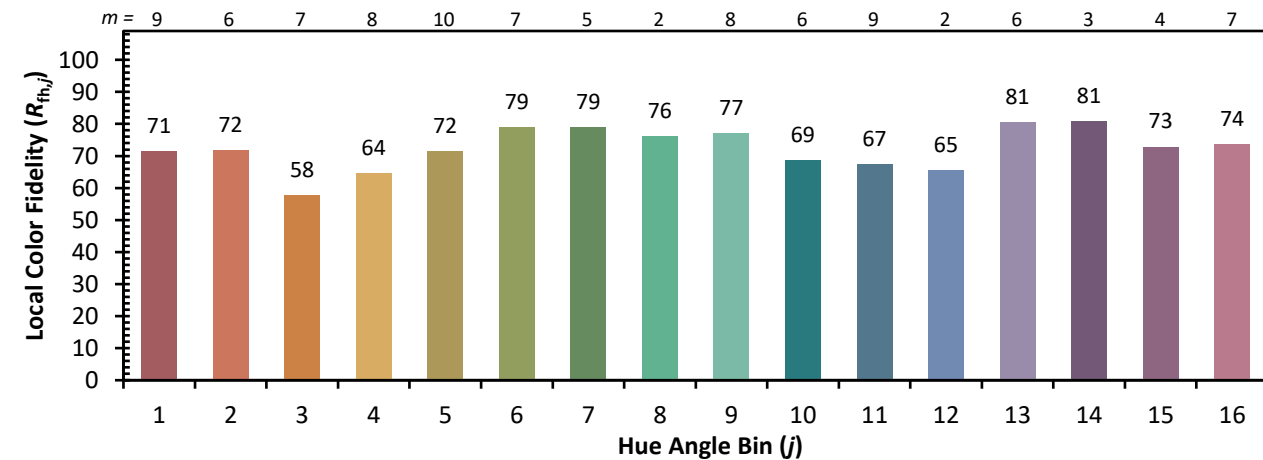
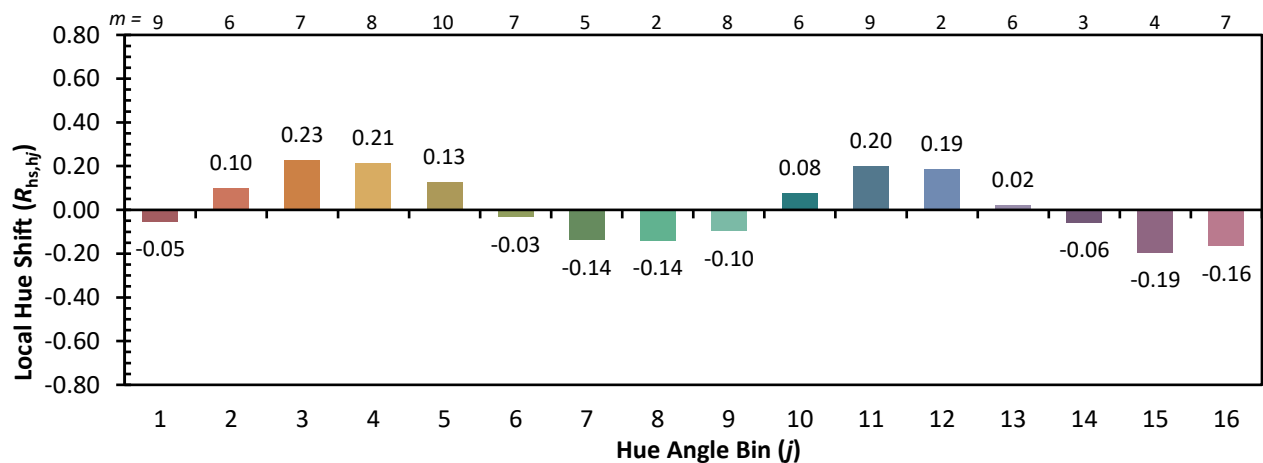
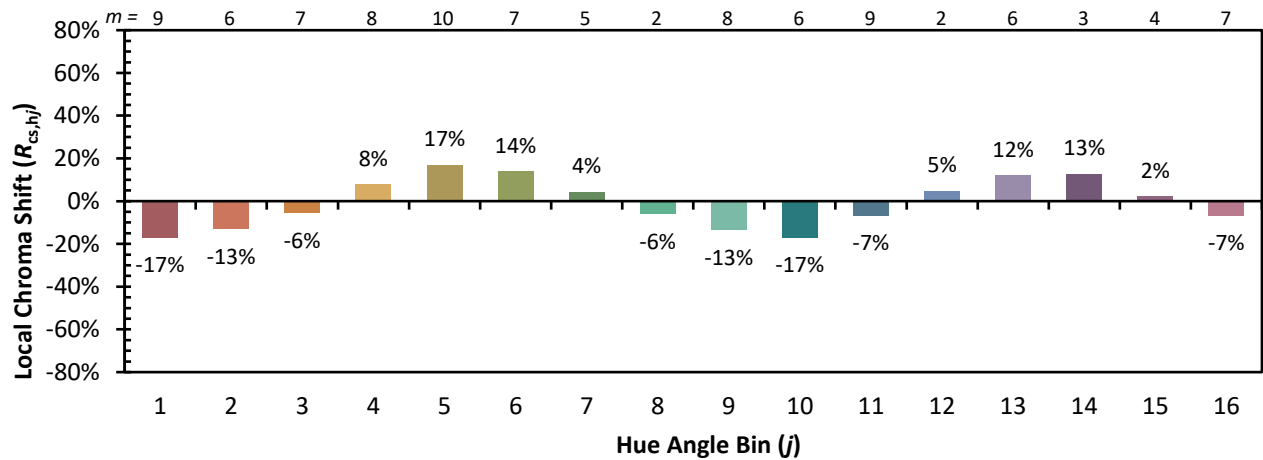


Individual Sample Fidelity Index ($R_{f,i}$)

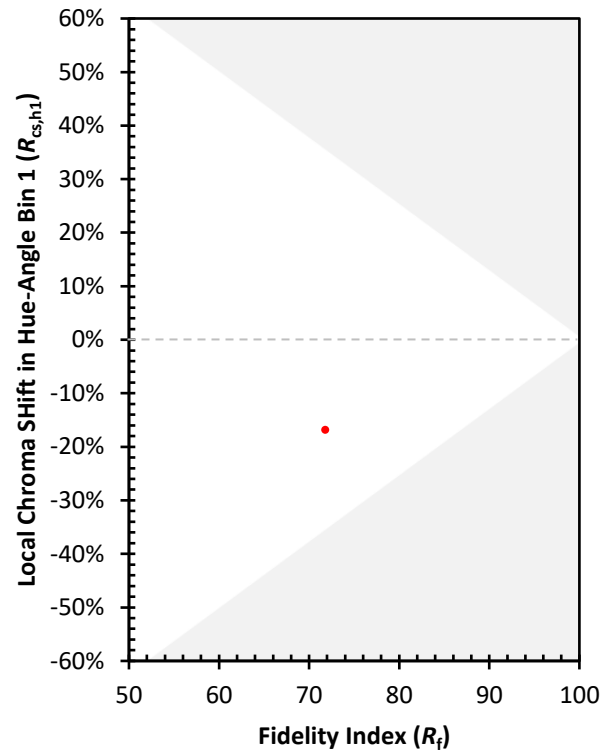
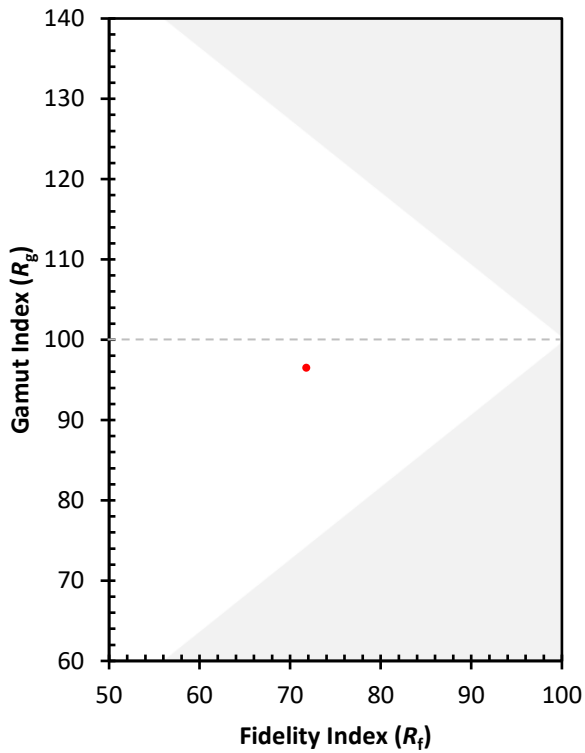
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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)