

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: P1063809

Luminaire Tested: **GLAN-SA3A-940-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063809
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-940-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8008 lumens
Efficiency: N/A
Efficacy: 98.4 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

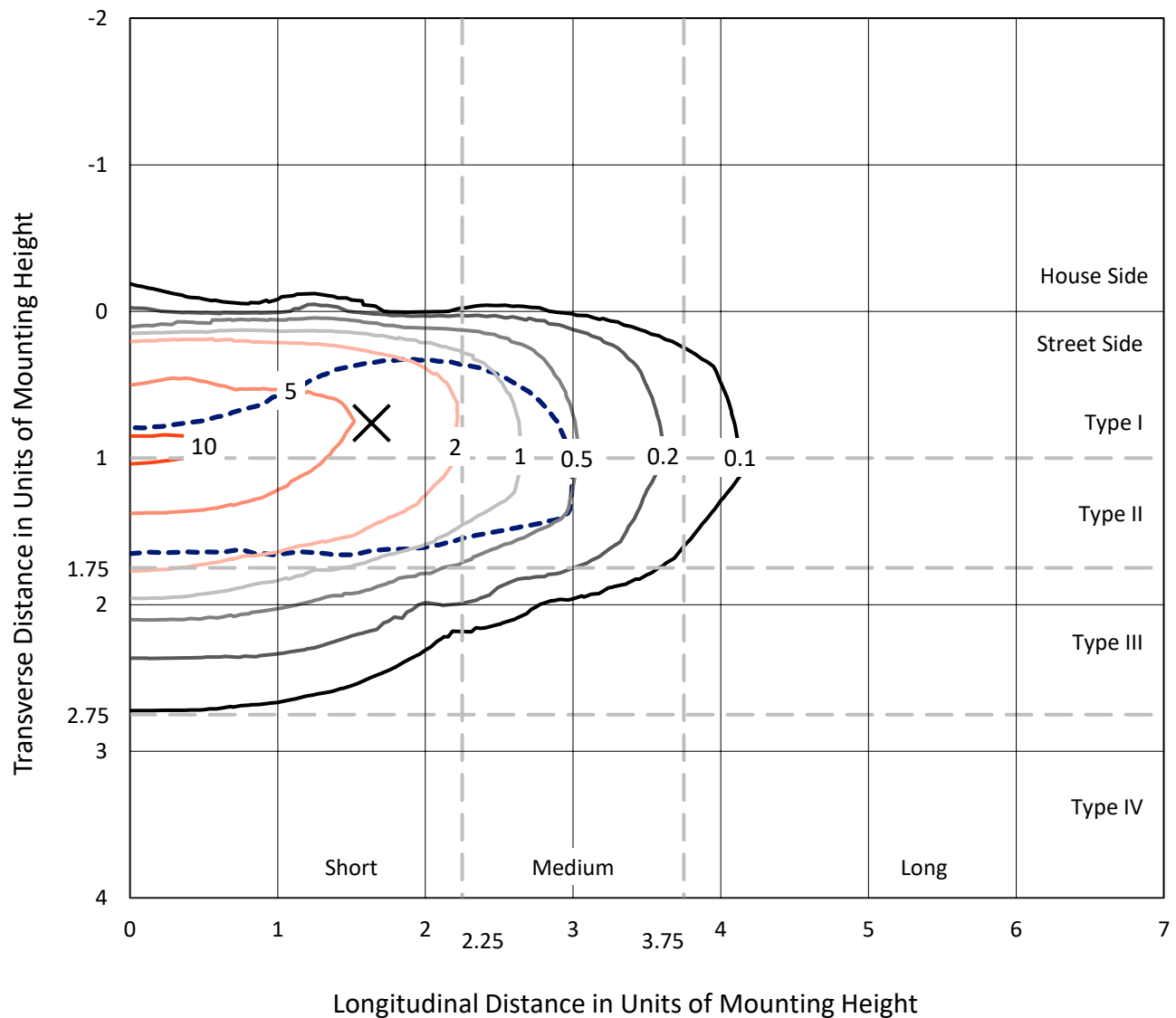


REPORT NUMBER: P1063809

CATALOG NUMBER: GLAN-SA3A-940-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

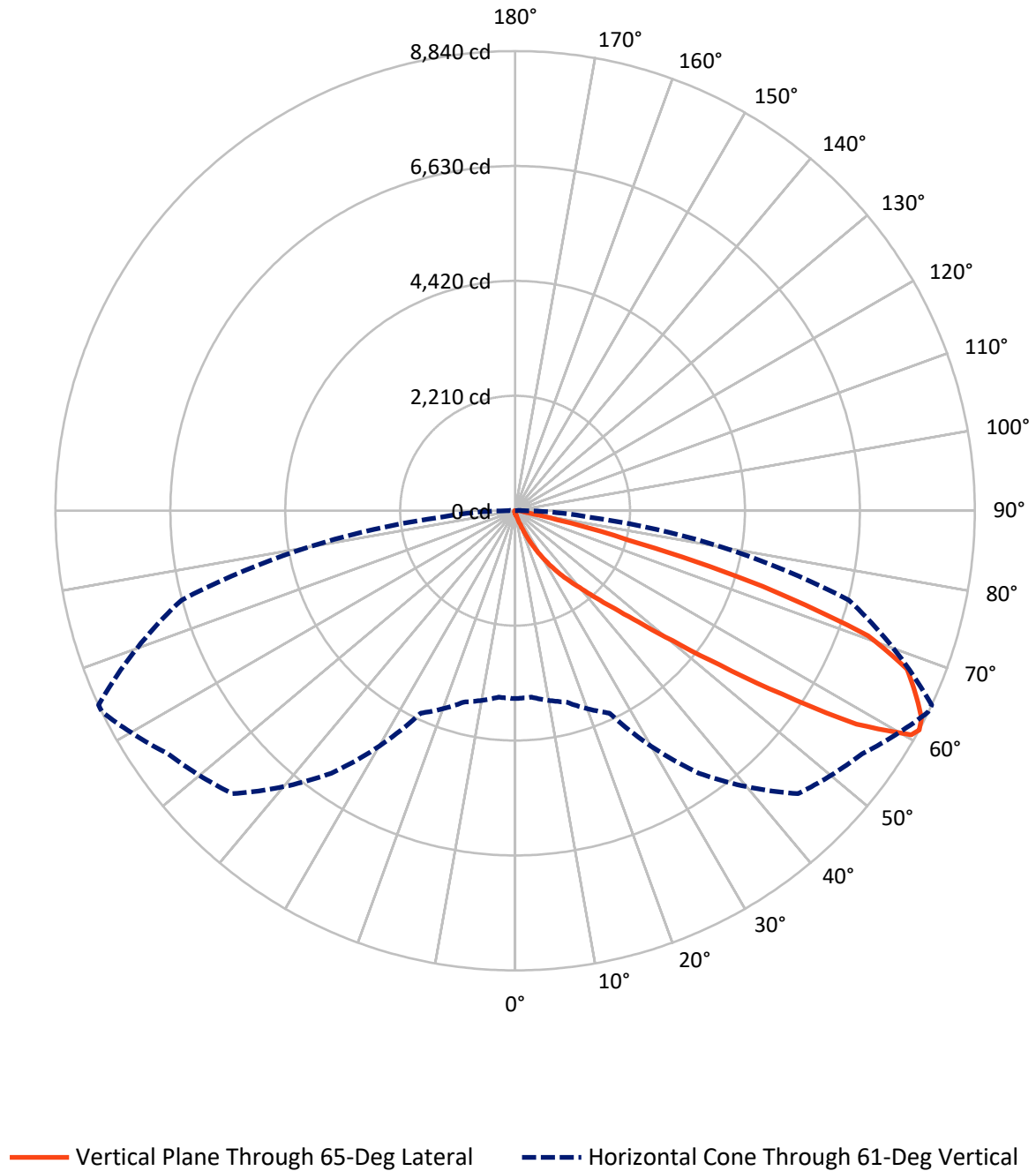


Based on 15 foot mounting height. Maximum calculated value = 10.6 fc
 Type II - Short - N/A

REPORT NUMBER: P1063809

CATALOG NUMBER: GLAN-SA3A-940-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1063809

CATALOG NUMBER: GLAN-SA3A-940-U-T2BC

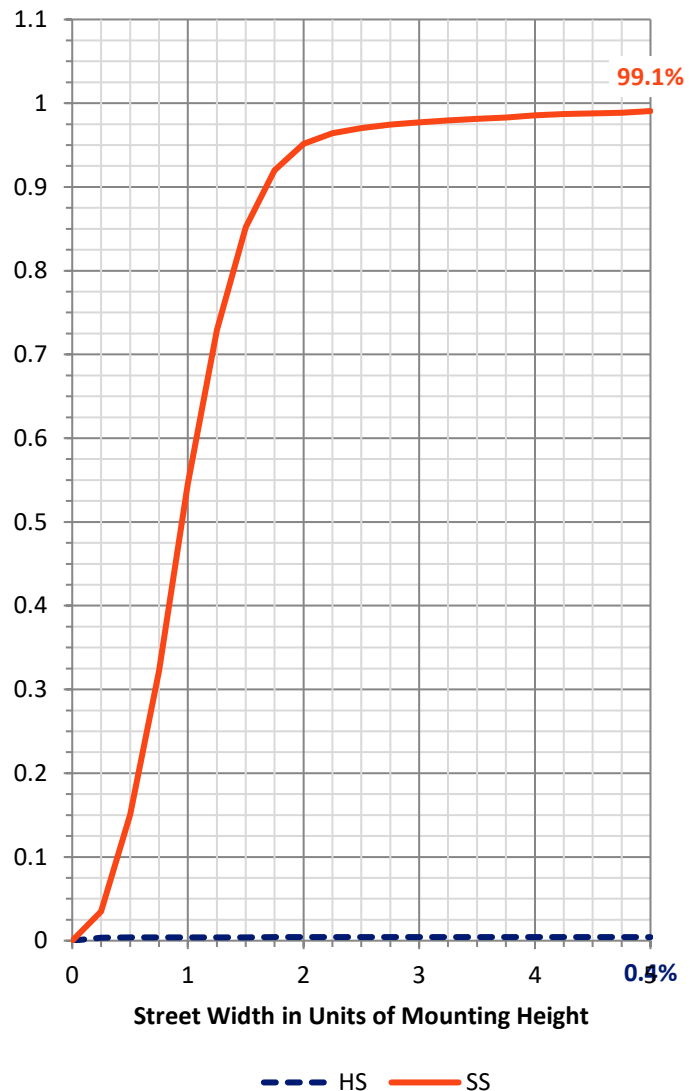
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	34.2	0.0	34.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7973.8	0.0	7973.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	8008.0	0.0	8008.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.1
10°-20°	65.8	0.8
20°-30°	236.3	3.0
30°-40°	629.2	7.9
40°-50°	1652.9	20.6
50°-60°	2560.6	32.0
60°-70°	2147.1	26.8
70°-80°	631.8	7.9
80°-90°	77.9	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°	8008.0	100.0
0°-180°	8008.0	100.0



REPORT NUMBER: P1063809

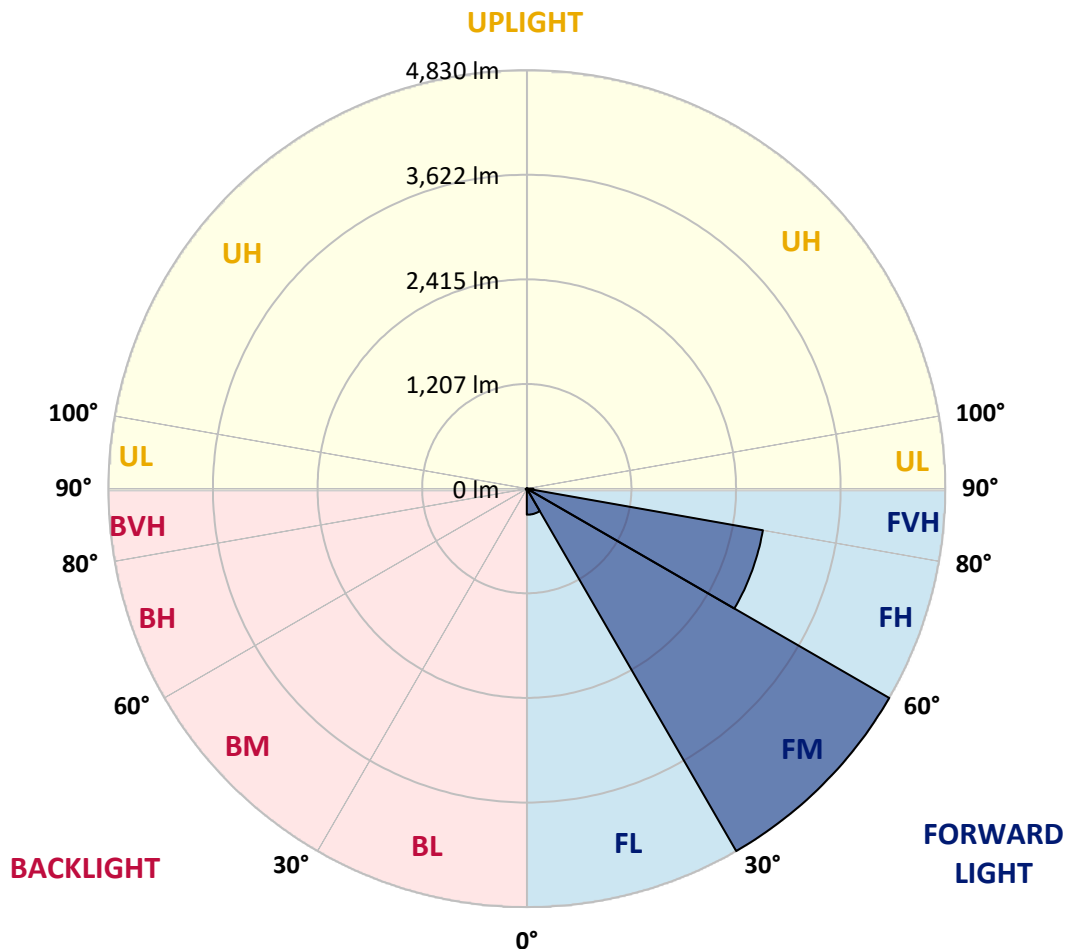
CATALOG NUMBER: GLAN-SA3A-940-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	300.7	3.8			
FM	(30°-60°)	4829.7	60.3			
FH	(60°-80°)	2766.8	34.6			G2/5000
FVH	(80°-90°)	76.5	1.0			G1/100
BL	(0°-30°)	7.7	0.1	B0/110		
BM	(30°-60°)	13.0	0.2	B0/220		
BH	(60°-80°)	12.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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: P1063809

CATALOG NUMBER: GLAN-SA3A-940-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
2.5°	59.5	60.0	58.9	56.7	55.1	55.1	54.5	52.9	52.9	51.2	50.1
5°	83.2	82.1	79.9	75.5	71.6	67.8	63.9	60.0	59.5	54.5	51.2
7.5°	136.1	137.2	130.0	116.2	104.7	89.8	76.0	67.8	66.7	58.4	51.8
10°	298.6	290.3	273.8	220.3	181.2	136.6	101.4	78.8	77.7	62.8	52.9
12.5°	544.3	537.6	507.3	452.3	351.4	244.6	148.2	97.5	94.2	66.7	53.4
15°	784.4	774.0	757.4	701.8	583.9	438.5	242.4	133.3	124.5	72.2	52.9
17.5°	937.6	939.2	924.3	900.7	824.6	648.9	418.7	198.9	181.8	82.1	51.8
20°	1071.4	1067.6	1075.8	1063.2	1009.7	881.9	609.3	315.1	285.9	98.1	52.3
22.5°	1225.7	1235.0	1241.1	1238.3	1179.4	1070.3	825.7	471.5	434.6	127.2	54.0
25°	1432.2	1431.1	1431.7	1424.5	1367.2	1246.0	1042.8	666.0	628.5	174.6	57.8
27.5°	1648.7	1655.3	1658.1	1632.2	1557.3	1438.3	1243.8	878.6	834.6	250.6	62.8
30°	1944.5	1939.0	1926.4	1873.5	1782.6	1635.0	1442.2	1101.7	1055.5	357.0	70.5
32.5°	2343.4	2337.3	2273.4	2156.6	2020.6	1839.9	1641.6	1325.4	1269.2	489.7	81.0
35°	3000.5	3009.9	2852.9	2550.5	2306.5	2086.1	1862.5	1547.9	1498.3	653.3	95.3
37.5°	4007.0	3955.7	3742.6	3208.2	2682.7	2393.5	2073.4	1772.7	1729.7	854.9	114.0
40°	4984.8	4934.1	4872.4	4366.1	3336.6	2732.3	2368.7	2036.5	1980.9	1082.4	141.6
42.5°	6012.7	5984.6	5981.8	5600.1	4529.7	3265.0	2724.0	2345.6	2298.2	1332.0	186.7
45°	6740.9	6712.8	6771.7	6838.4	6154.8	4406.3	3342.6	2747.1	2678.3	1635.0	258.9
47.5°	6839.0	6840.1	6997.6	7206.4	7362.3	6171.9	4166.7	3279.3	3195.6	2068.5	380.1
50°	6512.8	6525.5	6776.2	7149.6	7569.4	7653.1	5619.9	4051.6	3927.6	2582.4	552.0
52.5°	5892.0	5906.3	6255.6	6869.8	7378.8	8009.0	7330.9	5061.9	4919.2	3223.6	794.3
55°	5332.9	5341.7	5742.2	6518.4	7149.1	7815.6	8346.7	6410.9	6223.6	4012.5	1033.4
57.5°	4779.3	4758.9	5019.5	5908.0	7110.0	7578.2	8496.5	7948.4	7741.8	4874.6	1219.6
60°	4038.9	4004.8	4214.1	4779.3	6595.5	7734.1	8216.1	8798.9	8752.1	6074.9	1363.4
61°	3613.1	3598.8	3809.2	4294.0	6162.5	7694.4	8148.9	8834.7	8839.7	6642.8	1427.8
62.5°	2580.2	2621.0	2942.7	3572.9	5161.6	7437.2	8157.7	8724.0	8773.0	7397.5	1594.7
65°	1146.9	1212.4	1462.5	1975.4	3001.6	6186.7	8079.5	8481.1	8456.8	7604.7	2169.8
67.5°	680.3	690.2	814.7	1119.4	1589.8	3327.8	7129.8	8159.9	8127.4	6620.3	2699.8
70°	536.0	540.9	580.6	702.3	922.7	1274.7	4069.2	7059.8	7201.4	5368.2	2643.0
72.5°	508.4	507.3	512.9	534.3	581.2	632.4	1575.5	4692.8	4980.9	3865.9	2216.1
75°	501.8	499.6	494.1	485.9	420.9	372.4	488.1	2075.6	2242.6	2641.4	1668.6
77.5°	487.0	487.5	488.6	466.0	360.8	263.3	236.3	666.0	819.1	1676.3	1186.0
80°	329.4	334.4	342.6	333.8	324.5	190.6	166.9	236.9	240.2	940.9	783.3
82.5°	166.9	166.9	163.1	145.4	125.6	123.9	132.8	171.9	174.1	475.9	368.5
85°	100.8	106.3	108.5	98.6	90.3	83.2	101.4	136.6	141.6	184.5	85.9
87.5°	22.6	23.1	25.3	33.6	49.0	66.7	94.2	125.0	127.2	118.4	10.5
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: P1063809

CATALOG NUMBER: GLAN-SA3A-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
2.5°	49.6	48.5	47.9	46.3	44.6	43.0	41.9	41.3	41.9	42.4	42.4
5°	49.0	47.4	44.6	41.9	39.7	37.5	35.3	34.7	34.7	35.3	35.3
7.5°	49.0	46.3	42.4	39.1	35.8	32.5	30.8	29.7	30.3	30.3	30.3
10°	49.0	45.7	40.8	35.8	31.9	28.1	25.3	24.2	24.2	24.2	24.2
12.5°	48.5	45.2	39.1	33.1	27.5	23.1	19.8	18.2	18.7	18.7	18.7
15°	47.4	43.5	36.9	28.1	22.0	17.6	14.3	12.7	13.2	14.3	14.9
17.5°	45.7	41.9	33.1	23.7	17.6	13.2	9.9	8.8	9.4	11.0	11.0
20°	45.2	40.2	29.2	19.3	13.2	9.4	6.6	5.5	6.1	8.3	8.8
22.5°	45.2	39.1	26.4	16.0	9.9	6.1	3.9	2.2	2.2	3.9	3.9
25°	45.7	38.6	24.2	13.2	7.2	4.4	2.2	1.1	2.2	6.1	7.2
27.5°	46.8	38.0	23.1	11.0	5.5	3.9	1.7	3.9	6.6	6.6	6.6
30°	47.9	36.9	21.5	9.4	5.0	2.8	2.8	5.5	5.5	6.6	7.2
32.5°	49.6	36.4	20.4	8.3	3.9	2.2	3.9	3.3	3.3	3.9	4.4
35°	52.9	36.9	19.3	8.3	3.9	2.8	3.3	1.7	1.1	1.1	1.1
37.5°	57.3	37.5	17.6	7.2	3.3	3.3	1.7	0.0	0.0	0.0	0.0
40°	64.5	39.1	16.5	6.6	2.8	2.8	0.6	0.0	0.0	0.0	0.0
42.5°	76.6	42.4	16.0	6.1	2.8	2.2	0.0	0.0	0.0	0.0	0.0
45°	100.8	50.1	14.9	5.5	2.8	1.1	0.0	0.0	0.0	0.0	0.0
47.5°	144.9	68.3	14.3	4.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	211.5	92.5	13.8	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	269.9	97.5	9.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	276.5	67.2	7.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	220.3	43.5	6.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	166.9	33.1	5.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	160.3	29.7	5.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	176.8	25.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	287.5	21.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	499.6	18.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	631.3	17.6	3.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	550.3	16.0	3.3	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	331.1	13.8	3.3	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	173.5	10.5	3.3	2.8	1.7	0.6	0.0	0.0	0.0	0.0	0.0
80°	84.3	9.4	3.9	2.8	2.2	1.1	0.0	0.0	0.0	0.0	0.0
82.5°	33.1	7.7	4.4	3.9	2.8	1.7	0.6	0.0	0.0	0.0	0.0
85°	14.9	6.6	5.0	4.4	3.9	2.2	0.6	0.0	0.0	0.0	0.0
87.5°	7.7	6.1	5.5	5.0	3.9	2.8	1.1	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

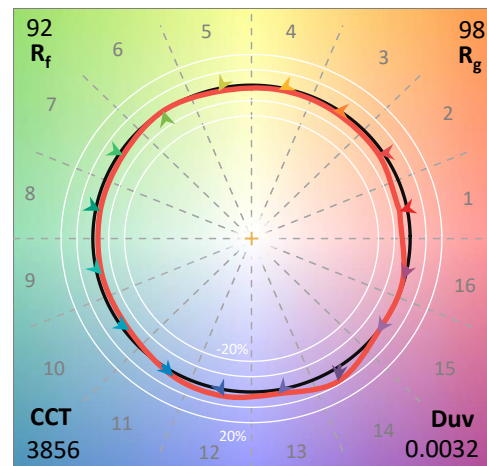
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

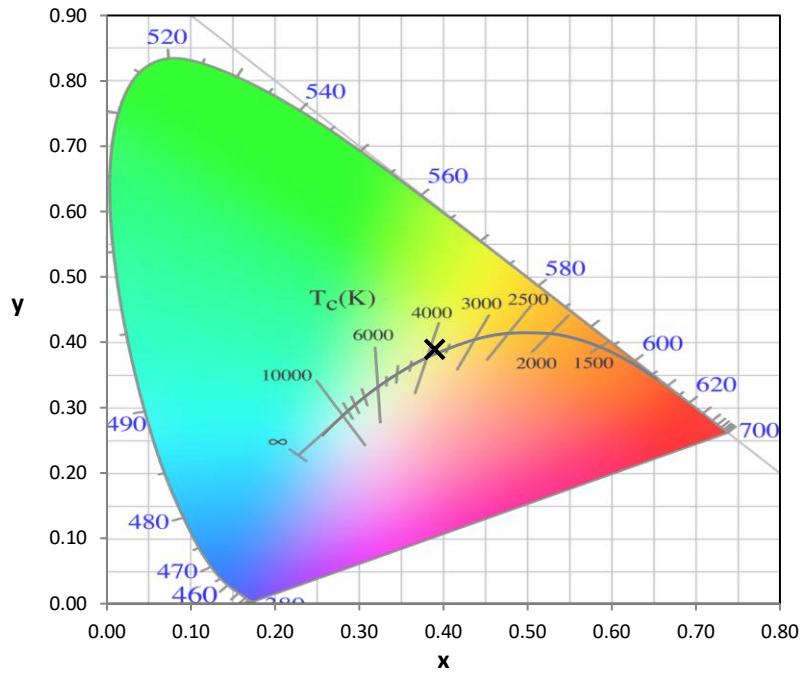
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

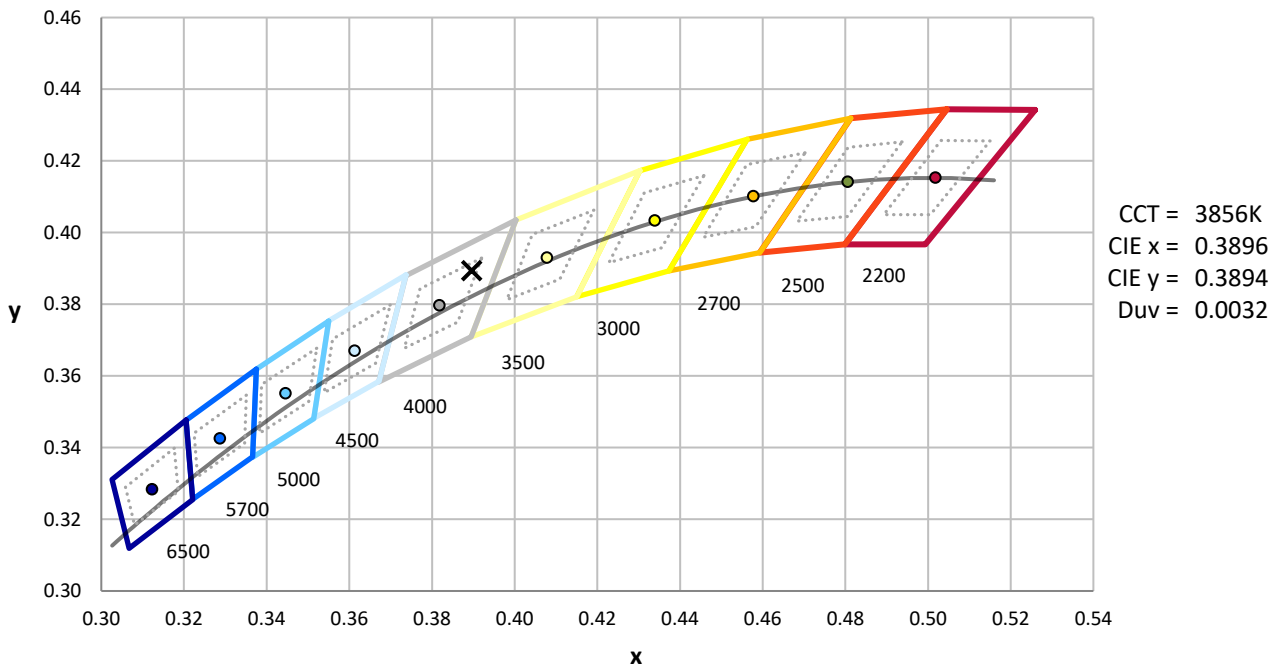
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



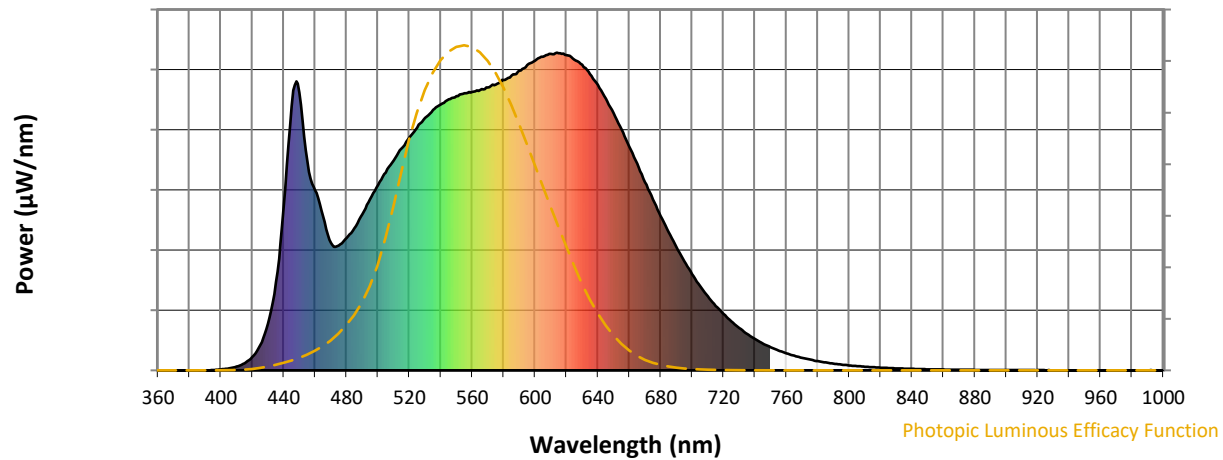
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

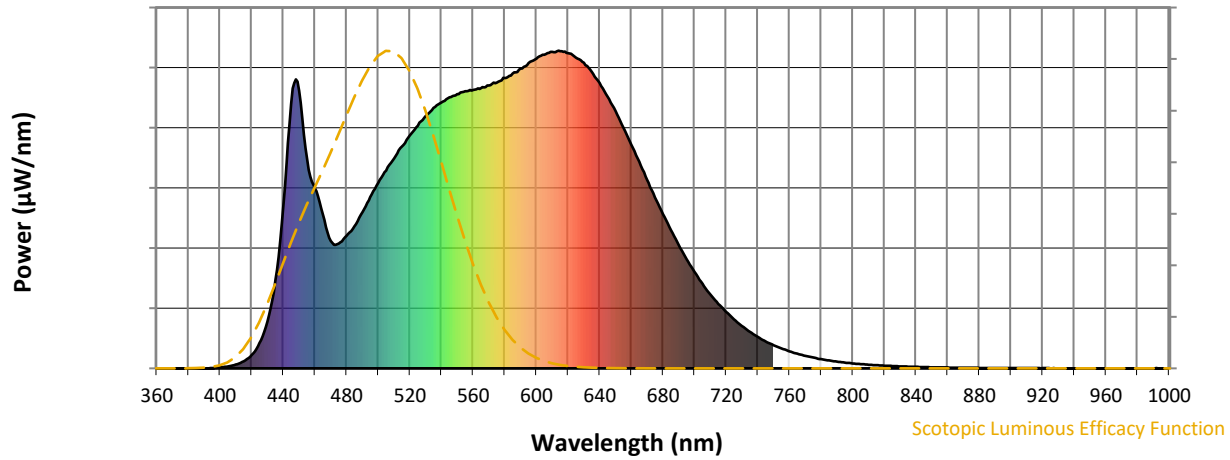


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



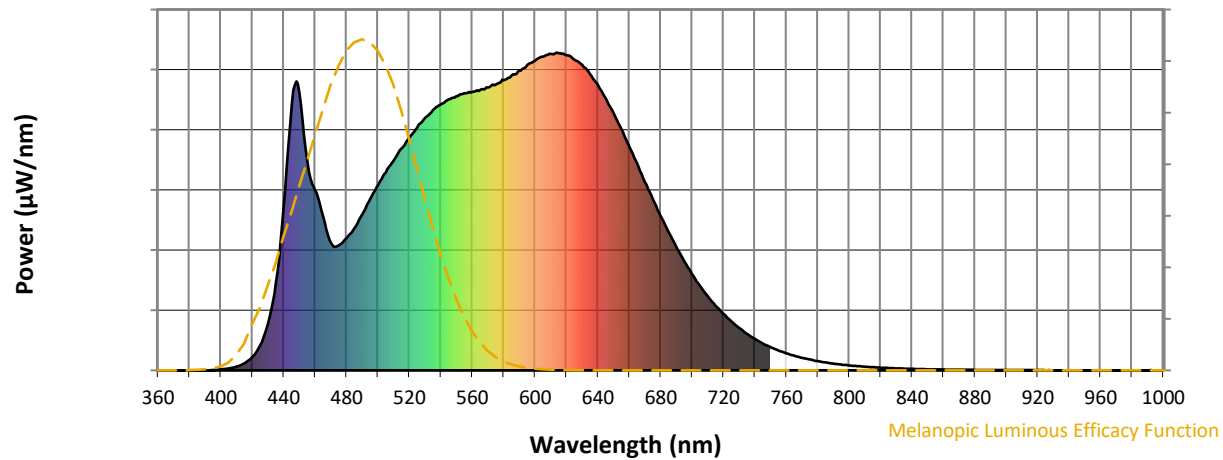
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

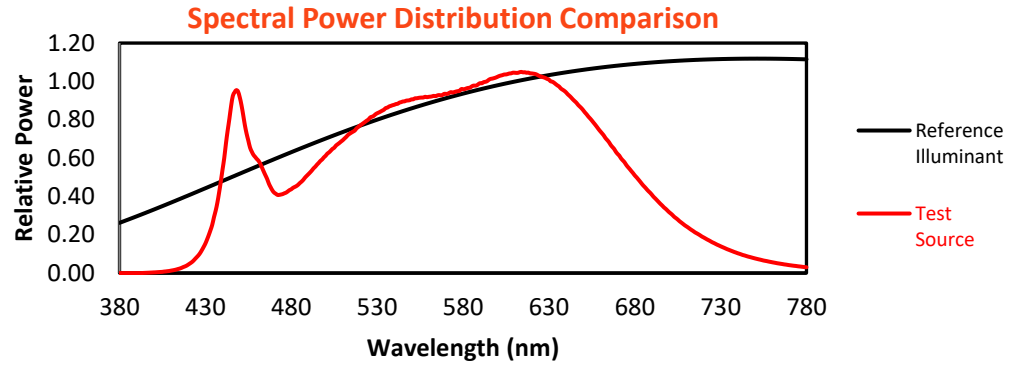
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

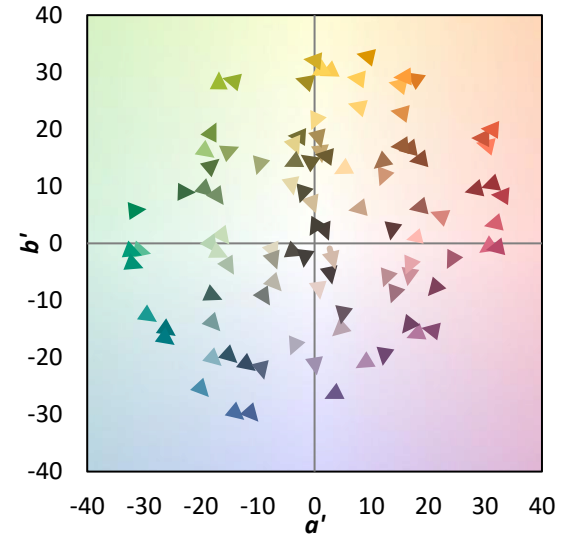
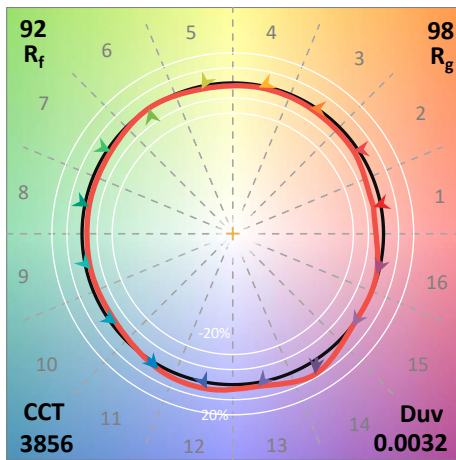
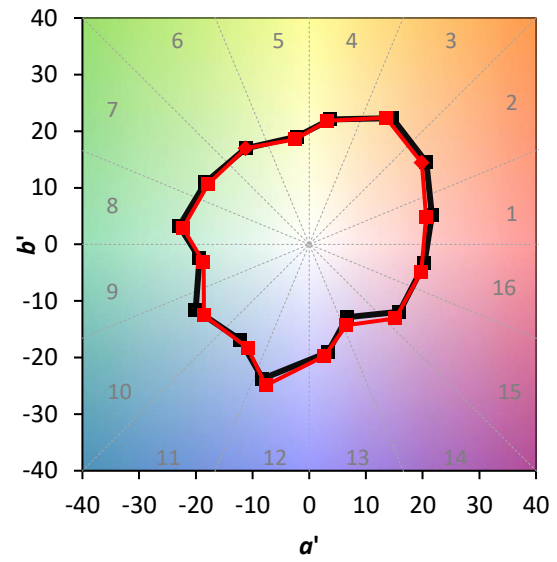
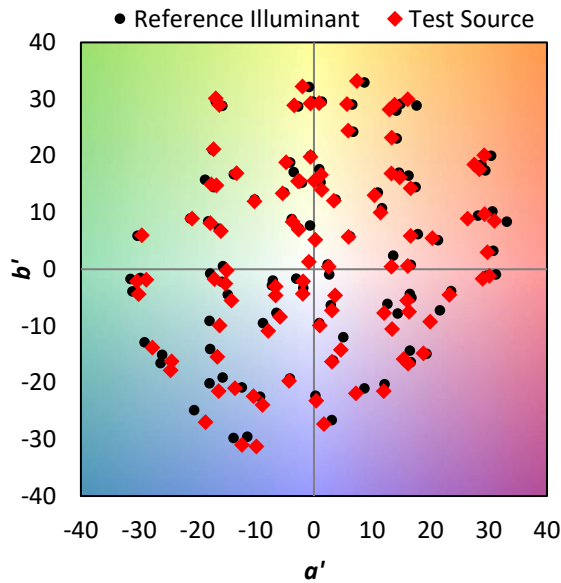
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

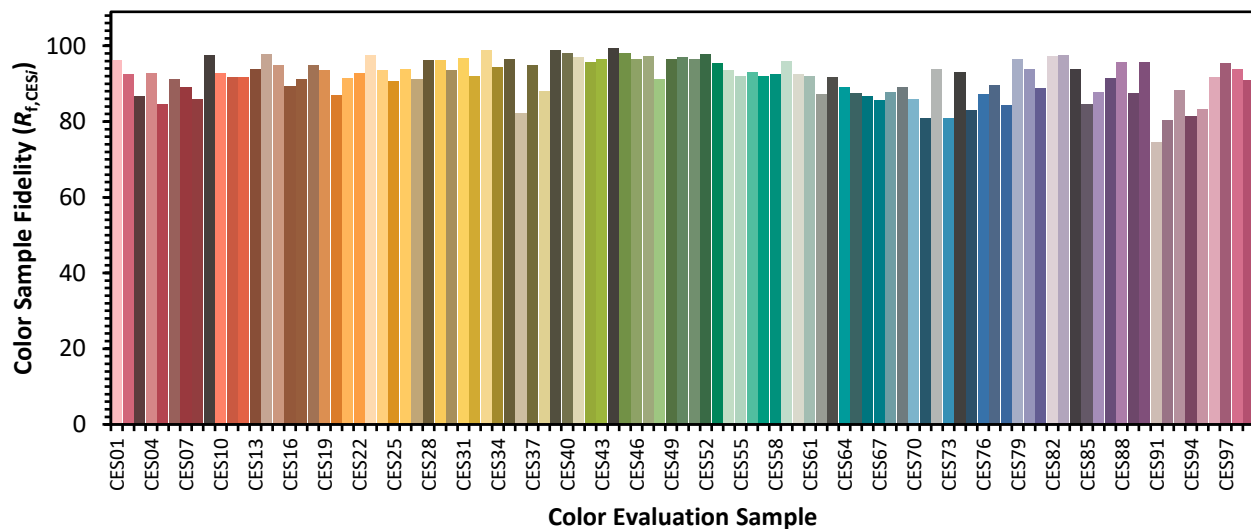


Color Vector Graphics

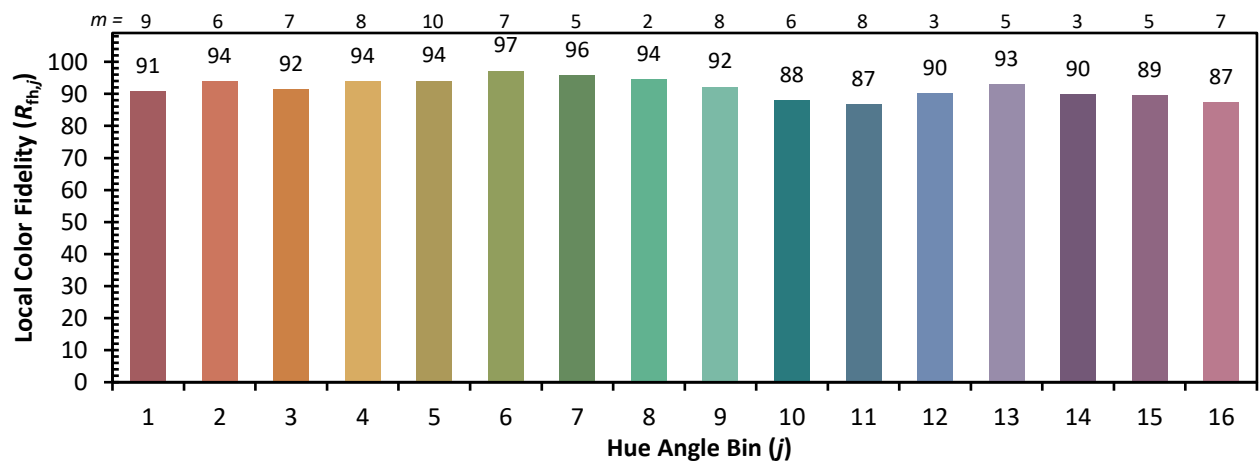
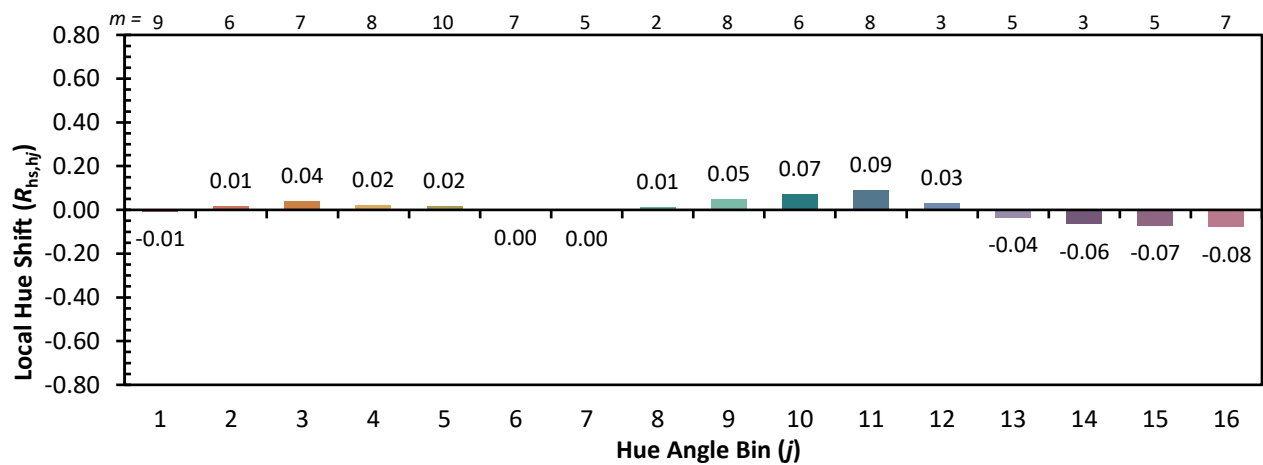
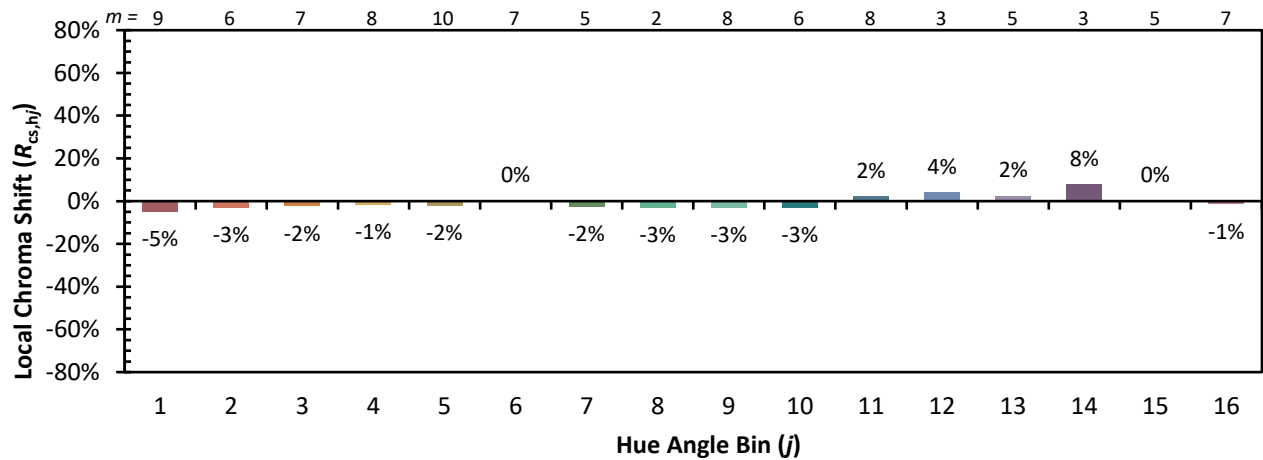


Individual Sample Fidelity Index ($R_{f,i}$)

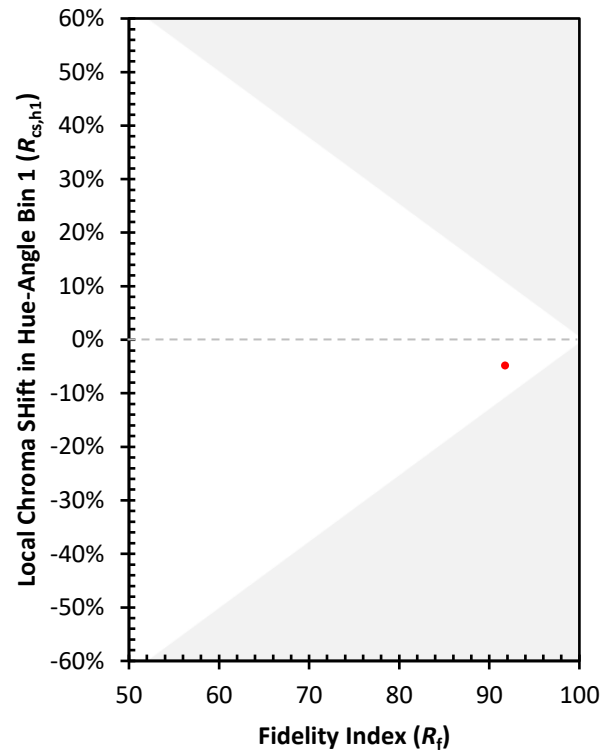
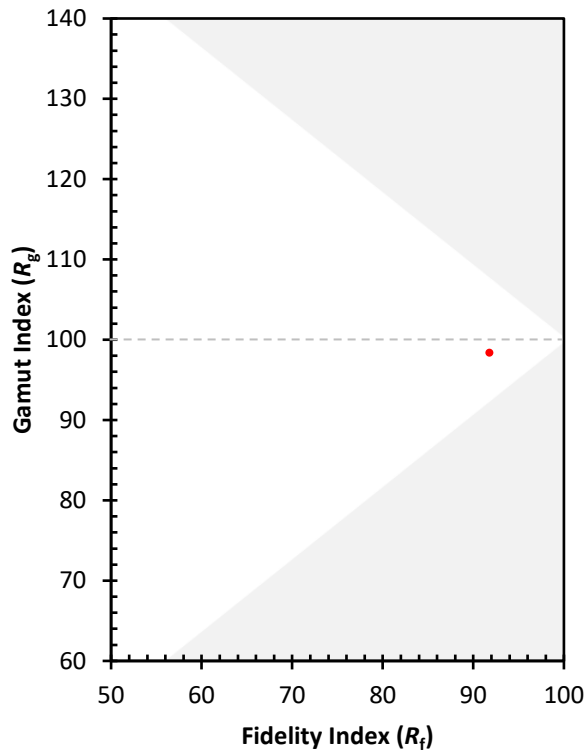
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)