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: McGRAW-EDISON

Report Number: P1048125

Luminaire Tested: **GALN-SA9A-930-U-T2BC**

Issue Date: 07/10/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1048125
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9A-930-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22188.7 lumens
Efficiency:	N/A
Efficacy:	90.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	244.6
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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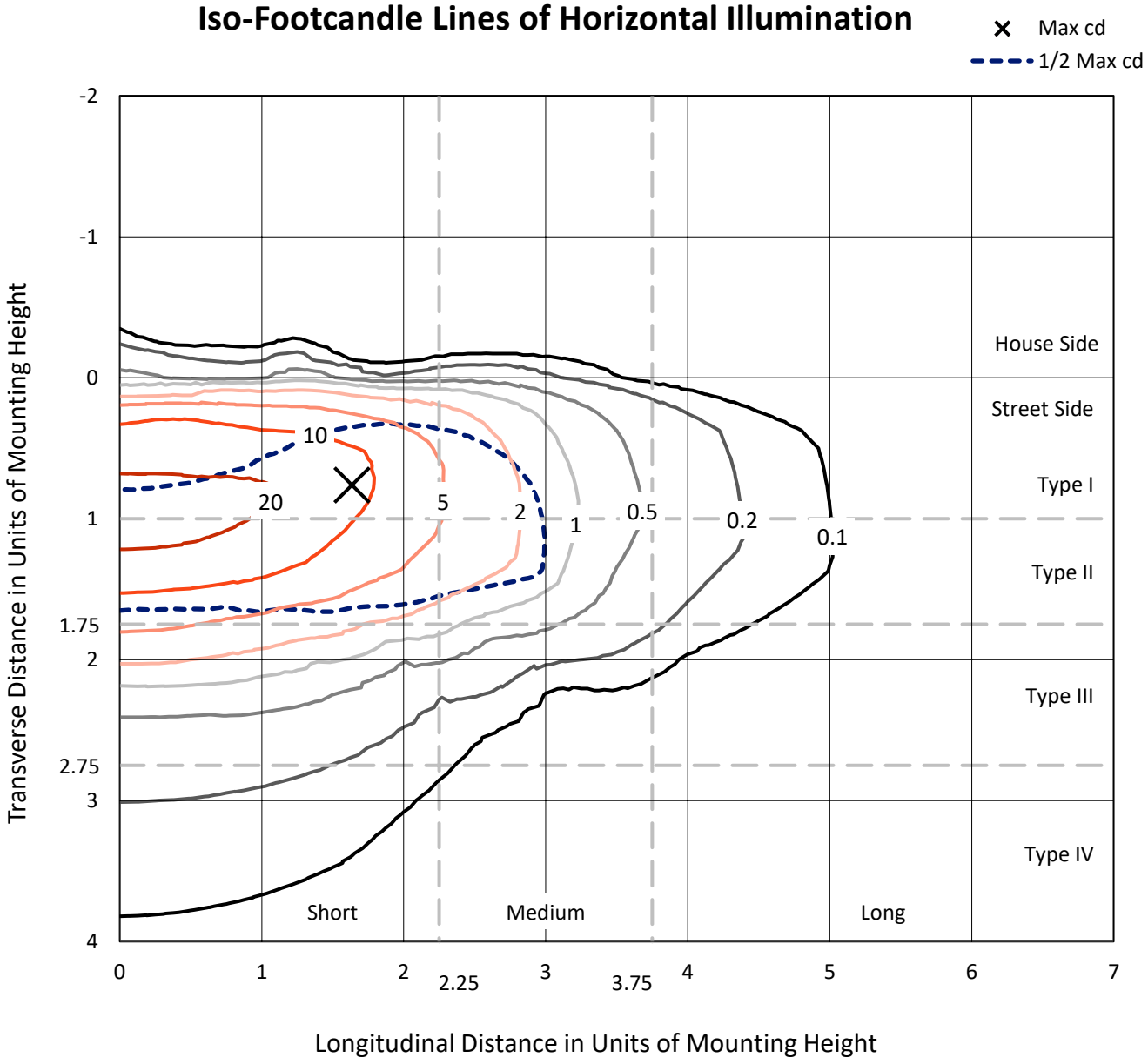
REPORT NUMBER: P1048125
CATALOG NUMBER: GALN-SA9A-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 29.3 fc
Type II - Short - N/A

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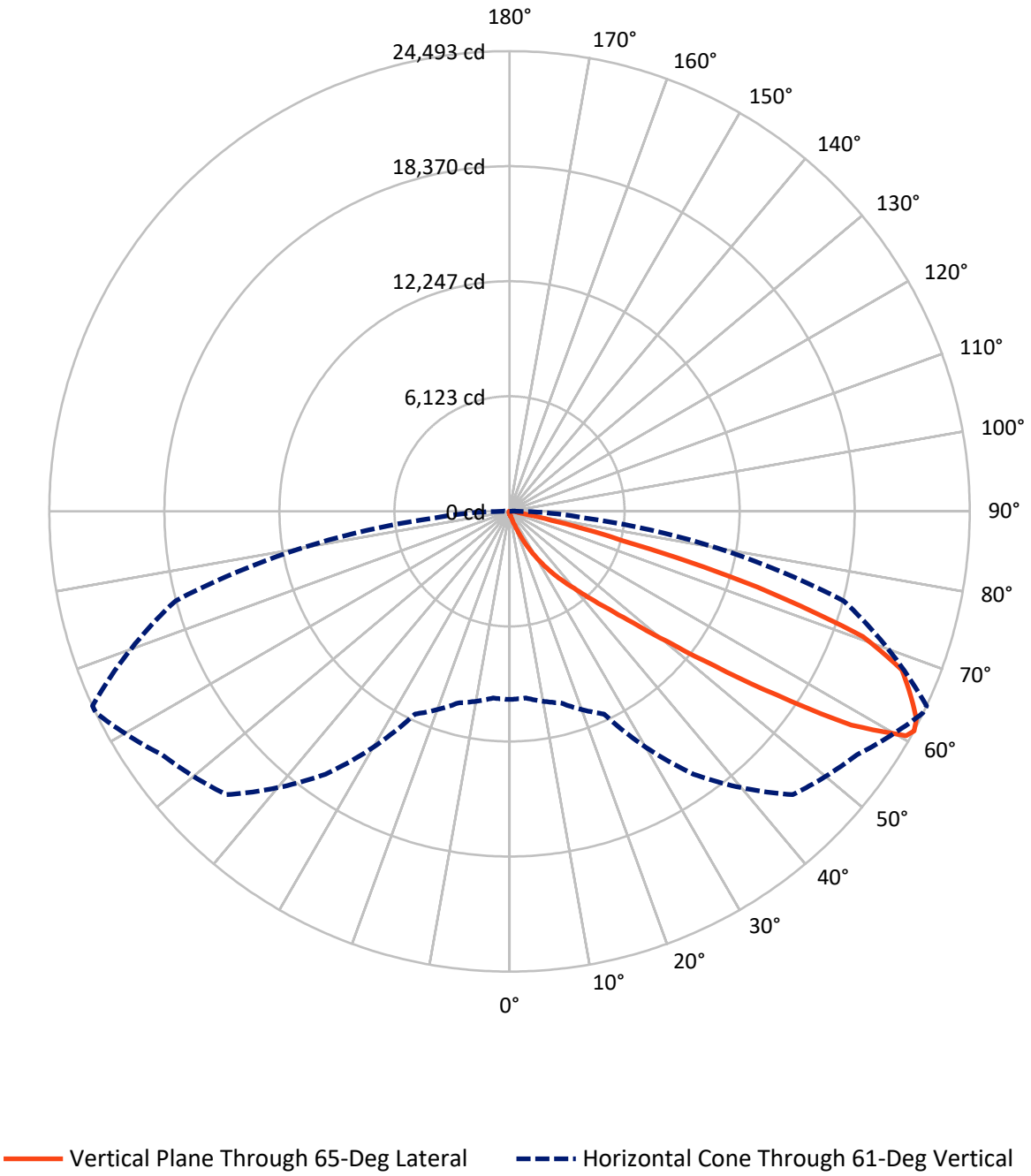
Luminous Intensity Polar Plot



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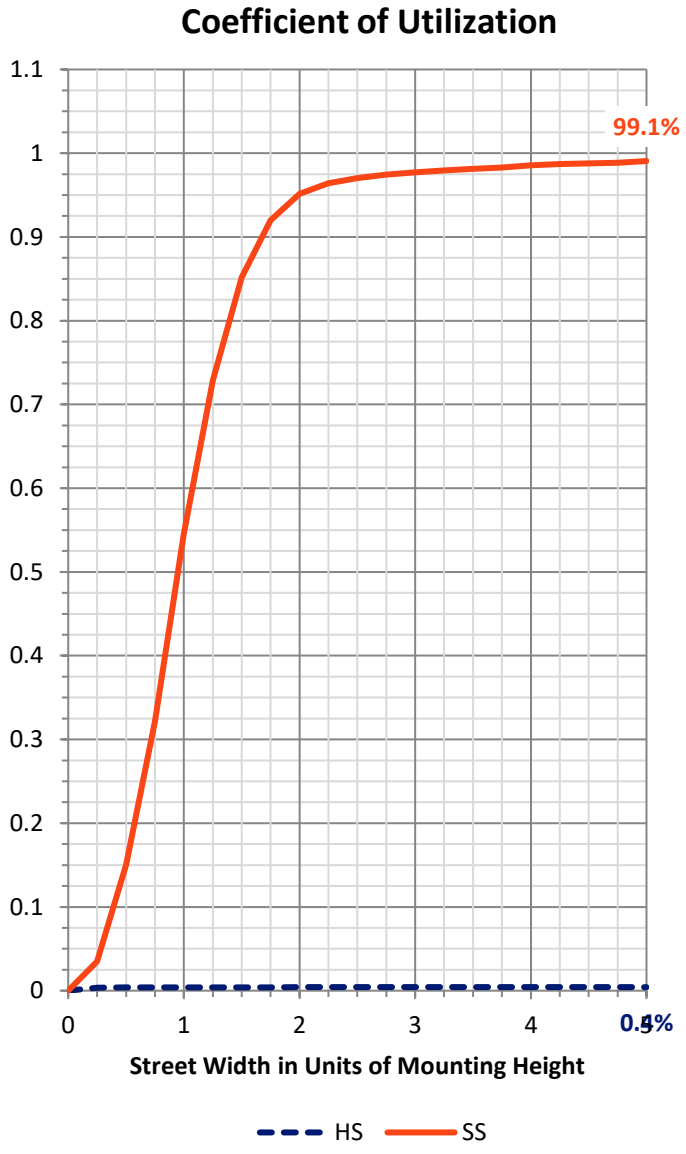
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	94.7	0.0	94.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22094.0	0.0	22094.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	22188.7	0.0	22188.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.1
10°-20°	182.5	0.8
20°-30°	654.8	3.0
30°-40°	1743.4	7.9
40°-50°	4579.9	20.6
50°-60°	7095.1	32.0
60°-70°	5949.1	26.8
70°-80°	1750.7	7.9
80°-90°	216.0	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°	22188.7	100.0
0°-180°	22188.7	100.0



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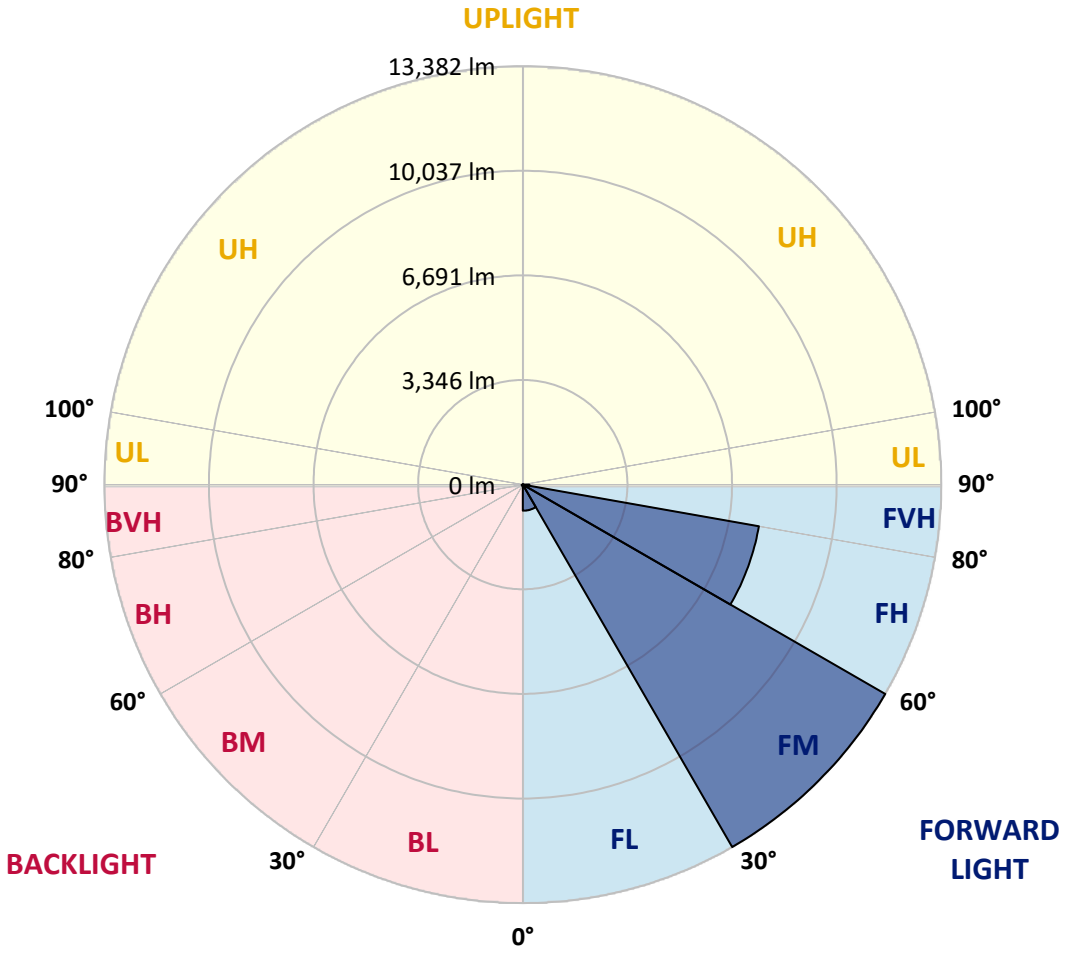
REPORT NUMBER: P1048125
CATALOG NUMBER: GALN-SA9A-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	833.3	3.8			
FM	(30°-60°)	13382.3	60.3			
FH	(60°-80°)	7666.4	34.6			G4/12000
FVH	(80°-90°)	212.0	1.0			G2/225
BL	(0°-30°)	21.2	0.1	B0/110		
BM	(30°-60°)	36.1	0.2	B0/220		
BH	(60°-80°)	33.4	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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-G4
Type II Short



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REPORT NUMBER: P1048125
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8
2.5°	164.8	166.4	163.3	157.2	152.6	152.6	151.1	146.5	146.5	142.0	138.9
5°	230.5	227.4	221.3	209.1	198.4	187.7	177.1	166.4	164.8	151.1	142.0
7.5°	377.0	380.1	360.2	322.1	290.0	248.8	210.6	187.7	184.7	161.8	143.5
10°	827.3	804.4	758.6	610.5	502.2	378.5	280.8	218.3	215.2	174.0	146.5
12.5°	1508.0	1489.7	1405.8	1253.1	973.8	677.7	410.6	270.2	261.0	184.7	148.1
15°	2173.5	2144.5	2098.7	1944.6	1617.9	1215.0	671.6	369.4	345.0	200.0	146.5
17.5°	2597.8	2602.4	2561.2	2495.6	2284.9	1798.0	1160.0	551.0	503.7	227.4	143.5
20°	2968.7	2958.1	2981.0	2945.8	2797.8	2443.7	1688.1	873.1	792.2	271.7	145.0
22.5°	3396.1	3422.1	3438.9	3431.2	3267.9	2965.7	2288.0	1306.6	1204.3	352.6	149.6
25°	3968.5	3965.4	3967.0	3947.1	3788.4	3452.6	2889.4	1845.4	1741.6	483.9	160.3
27.5°	4568.4	4586.7	4594.3	4522.6	4315.0	3985.3	3446.5	2434.5	2312.4	694.5	174.0
30°	5388.0	5372.7	5337.6	5191.1	4939.3	4530.2	3996.0	3052.7	2924.5	989.1	195.4
32.5°	6493.1	6476.3	6299.2	5975.6	5598.6	5098.0	4548.5	3672.4	3516.7	1356.9	224.4
35°	8314.0	8339.9	7904.9	7067.0	6390.8	5780.3	5160.6	4289.0	4151.7	1810.2	264.1
37.5°	11102.6	10960.7	10370.0	8889.4	7433.3	6632.0	5745.2	4911.8	4792.7	2368.9	316.0
40°	13811.9	13671.5	13500.5	12097.8	9245.1	7570.7	6563.3	5642.9	5488.7	2999.3	392.3
42.5°	16660.1	16582.2	16574.6	15516.8	12551.1	9046.6	7547.8	6499.2	6367.9	3690.7	517.4
45°	18677.9	18600.0	18763.4	18948.0	17053.9	12209.2	9261.9	7611.9	7421.1	4530.2	717.4
47.5°	18949.6	18952.6	19389.2	19967.6	20399.6	17101.2	11545.3	9086.3	8854.3	5731.4	1053.2
50°	18046.0	18081.1	18775.6	19810.4	20973.5	21205.5	15571.8	11226.3	10882.8	7155.5	1529.4
52.5°	16325.8	16365.5	17333.2	19035.0	20445.4	22191.5	20312.6	14025.6	13630.3	8932.2	2201.0
55°	14776.5	14801.0	15910.6	18061.2	19808.9	21655.8	23127.2	17763.6	17244.6	11117.9	2863.4
57.5°	13242.6	13186.1	13908.1	16370.1	19700.5	20997.9	23542.3	22023.6	21451.3	13506.6	3379.3
60°	11191.2	11096.5	11676.5	13242.6	18274.9	21429.9	22765.4	24380.3	24250.6	16832.5	3777.7
61°	10011.3	9971.6	10554.7	11897.9	17075.2	21320.0	22579.2	24479.5	24493.3	18406.2	3956.3
62.5°	7149.4	7262.4	8153.7	9899.9	14301.9	20607.2	22603.6	24172.7	24308.6	20497.3	4418.8
65°	3177.9	3359.5	4052.4	5473.5	8317.1	17142.4	22386.9	23499.6	23432.5	21071.2	6012.3
67.5°	1885.0	1912.5	2257.5	3101.5	4405.0	9220.7	19755.5	22609.8	22519.7	18343.6	7480.6
70°	1485.1	1498.9	1608.8	1946.1	2556.6	3532.0	11275.1	19561.6	19953.9	14874.2	7323.4
72.5°	1408.8	1405.8	1421.0	1480.6	1610.3	1752.2	4365.3	13002.9	13801.2	10711.9	6140.5
75°	1390.5	1384.4	1369.1	1346.2	1166.1	1031.8	1352.3	5751.3	6213.8	7318.8	4623.3
77.5°	1349.3	1350.8	1353.9	1291.3	999.8	729.6	654.8	1845.4	2269.7	4644.7	3286.2
80°	912.8	926.5	949.4	925.0	899.0	528.1	462.5	656.3	665.5	2607.0	2170.5
82.5°	462.5	462.5	451.8	403.0	348.0	343.4	367.8	476.2	482.3	1318.8	1021.1
85°	279.3	294.6	300.7	273.2	250.3	230.5	280.8	378.5	392.3	511.3	238.1
87.5°	62.6	64.1	70.2	93.1	135.8	184.7	261.0	346.5	352.6	328.2	29.0
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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REPORT NUMBER: P1048125
CATALOG NUMBER: GALN-SA9A-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8	135.8
2.5°	137.4	134.3	132.8	128.2	123.6	119.1	116.0	114.5	116.0	117.5	117.5
5°	135.8	131.3	123.6	116.0	109.9	103.8	97.7	96.2	96.2	97.7	97.7
7.5°	135.8	128.2	117.5	108.4	99.2	90.1	85.5	82.4	83.9	83.9	83.9
10°	135.8	126.7	112.9	99.2	88.5	77.8	70.2	67.2	67.2	67.2	67.2
12.5°	134.3	125.2	108.4	91.6	76.3	64.1	54.9	50.4	51.9	51.9	51.9
15°	131.3	120.6	102.3	77.8	61.1	48.8	39.7	35.1	36.6	39.7	41.2
17.5°	126.7	116.0	91.6	65.6	48.8	36.6	27.5	24.4	25.9	30.5	30.5
20°	125.2	111.4	80.9	53.4	36.6	25.9	18.3	15.3	16.8	22.9	24.4
22.5°	125.2	108.4	73.3	44.3	27.5	16.8	10.7	6.1	6.1	10.7	10.7
25°	126.7	106.8	67.2	36.6	19.8	12.2	6.1	3.1	6.1	16.8	19.8
27.5°	129.7	105.3	64.1	30.5	15.3	10.7	4.6	10.7	18.3	18.3	18.3
30°	132.8	102.3	59.5	25.9	13.7	7.6	7.6	15.3	15.3	18.3	19.8
32.5°	137.4	100.7	56.5	22.9	10.7	6.1	10.7	9.2	9.2	10.7	12.2
35°	146.5	102.3	53.4	22.9	10.7	7.6	9.2	4.6	3.1	3.1	3.1
37.5°	158.7	103.8	48.8	19.8	9.2	9.2	4.6	0.0	0.0	0.0	0.0
40°	178.6	108.4	45.8	18.3	7.6	7.6	1.5	0.0	0.0	0.0	0.0
42.5°	212.2	117.5	44.3	16.8	7.6	6.1	0.0	0.0	0.0	0.0	0.0
45°	279.3	138.9	41.2	15.3	7.6	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	401.4	189.3	39.7	12.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	586.1	256.4	38.2	10.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	747.9	270.2	25.9	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	766.2	186.2	19.8	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	610.5	120.6	16.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	462.5	91.6	15.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*444.2*	*82.4*	*15.3*	*1.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	490.0	71.7	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	796.8	59.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1384.4	51.9	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1749.2	48.8	9.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1524.8	44.3	9.2	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	917.3	38.2	9.2	6.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	480.8	29.0	9.2	7.6	4.6	1.5	0.0	0.0	0.0	0.0	0.0
80°	233.5	25.9	10.7	7.6	6.1	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	91.6	21.4	12.2	10.7	7.6	4.6	1.5	0.0	0.0	0.0	0.0
85°	41.2	18.3	13.7	12.2	10.7	6.1	1.5	0.0	0.0	0.0	0.0
87.5°	21.4	16.8	15.3	13.7	10.7	7.6	3.1	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

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

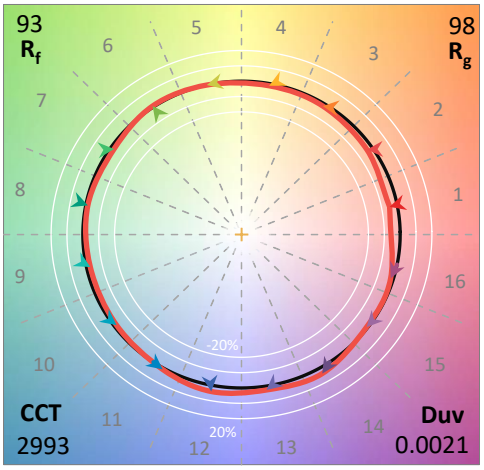
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

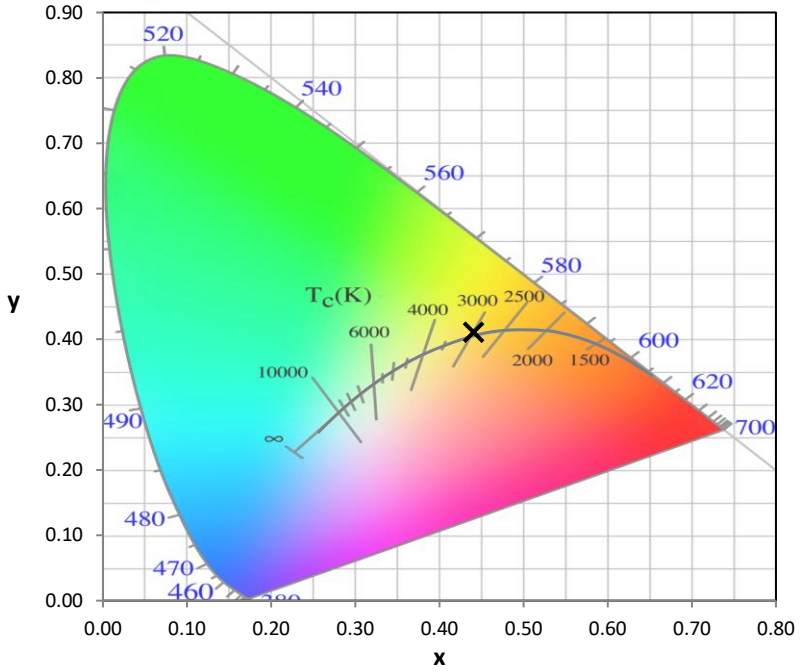
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

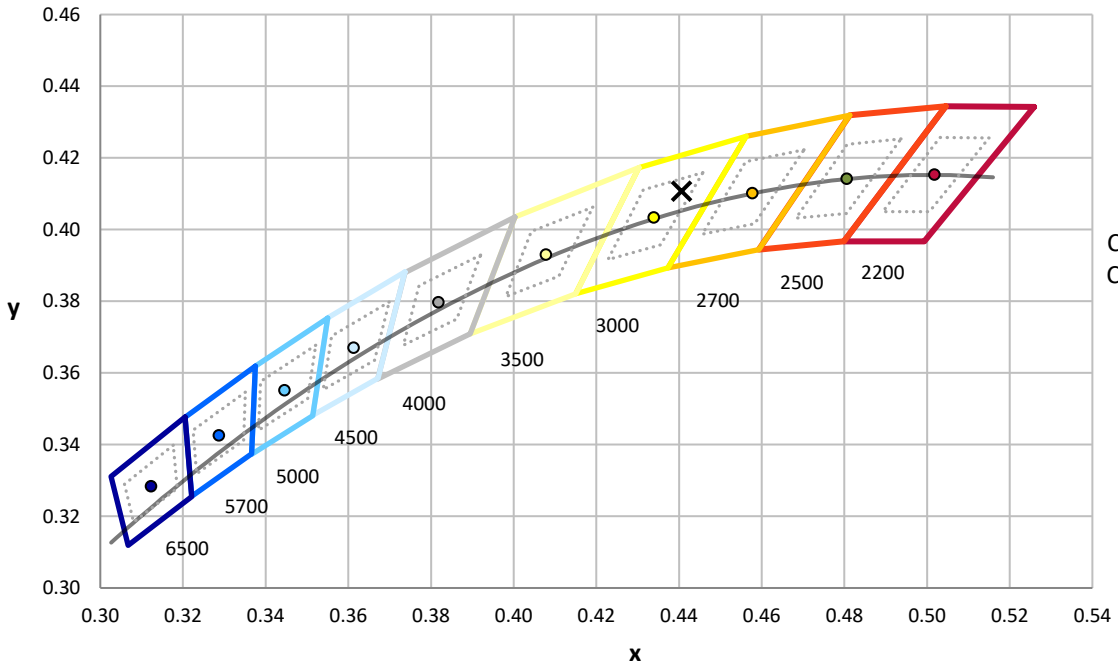
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



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

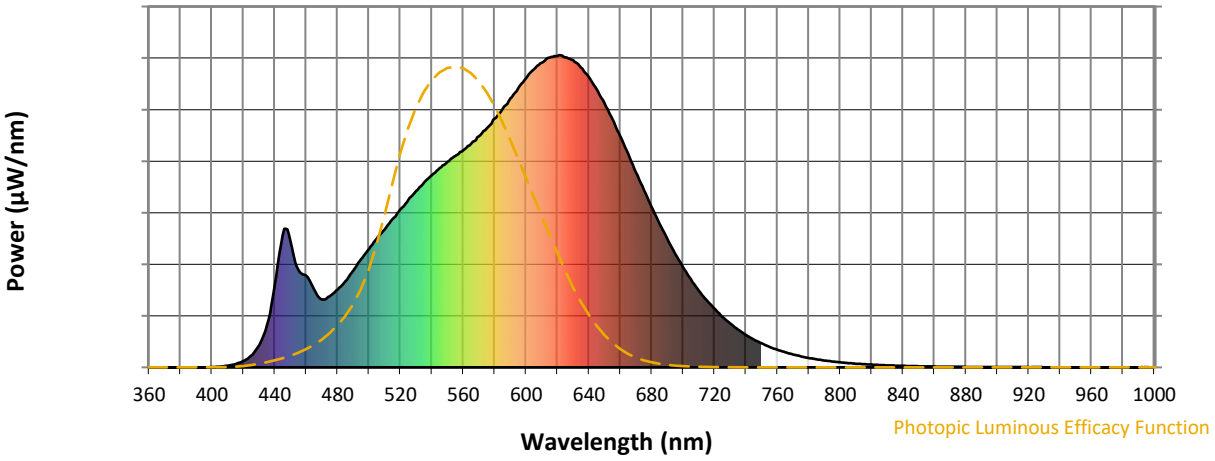


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

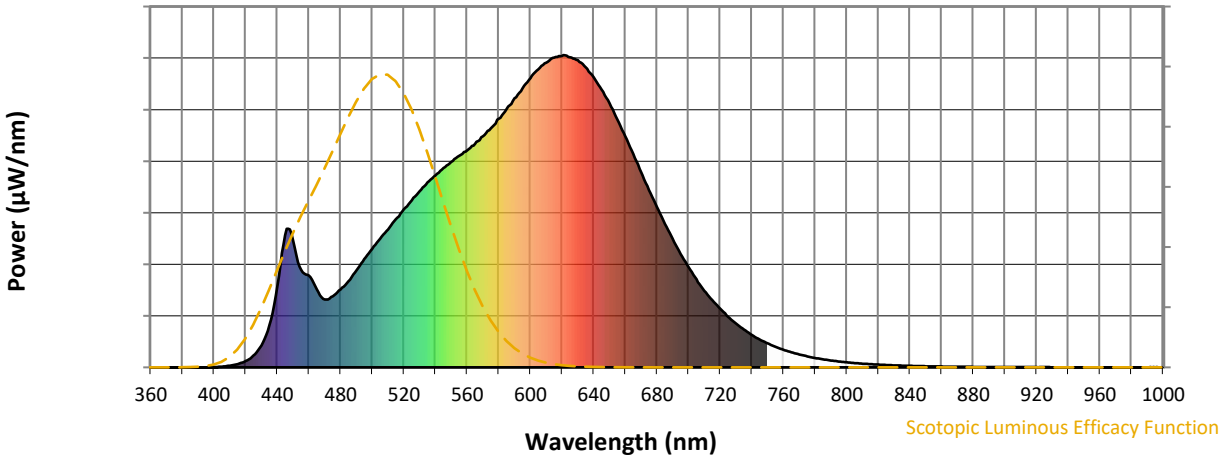


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength

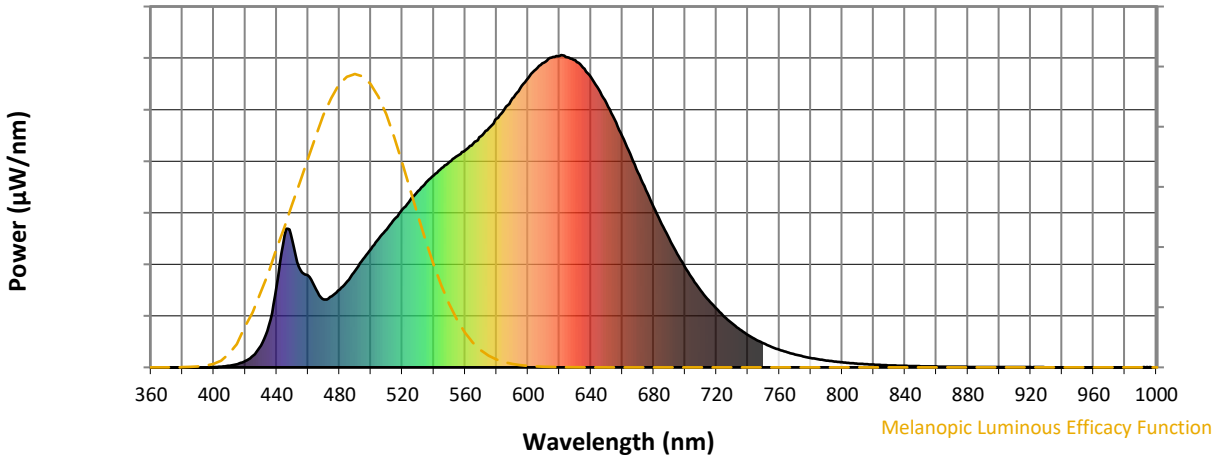


Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

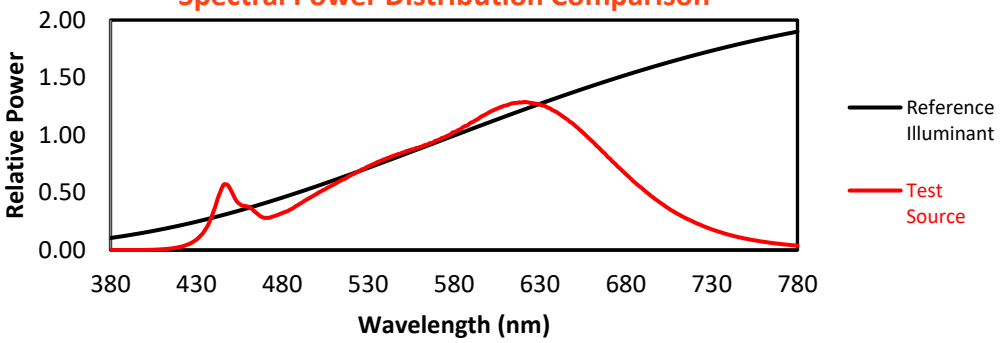
REPORT NUMBER: SP1-2407-184-14

TM-30-18

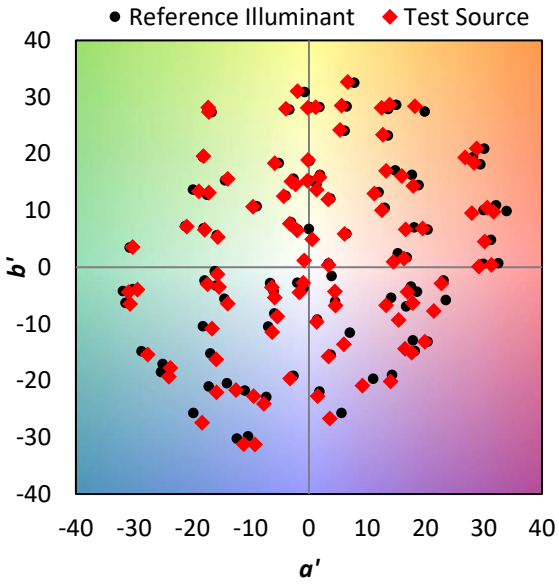
Summary

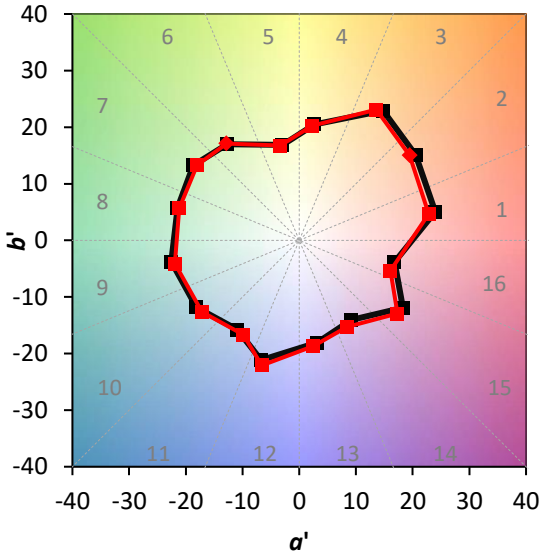
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

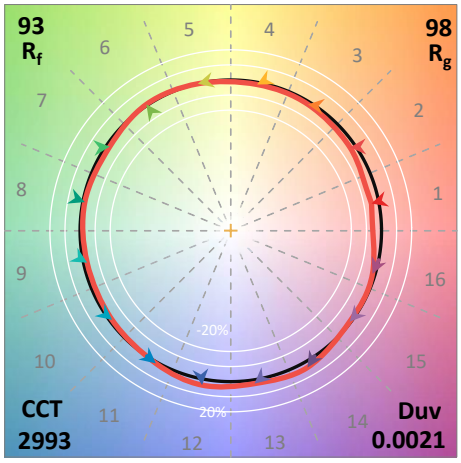
Spectral Power Distribution Comparison

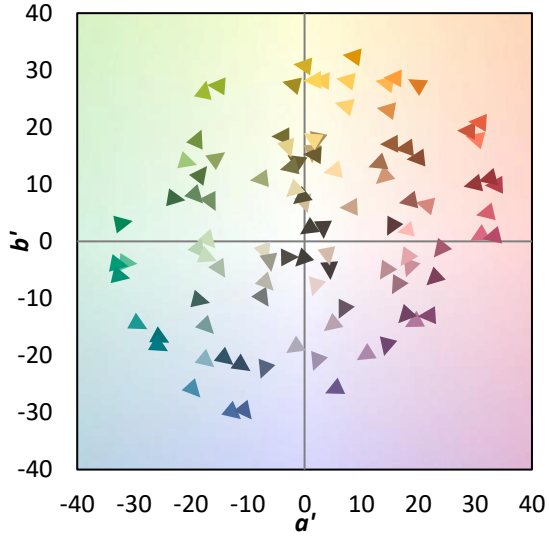


Color Vector Graphics







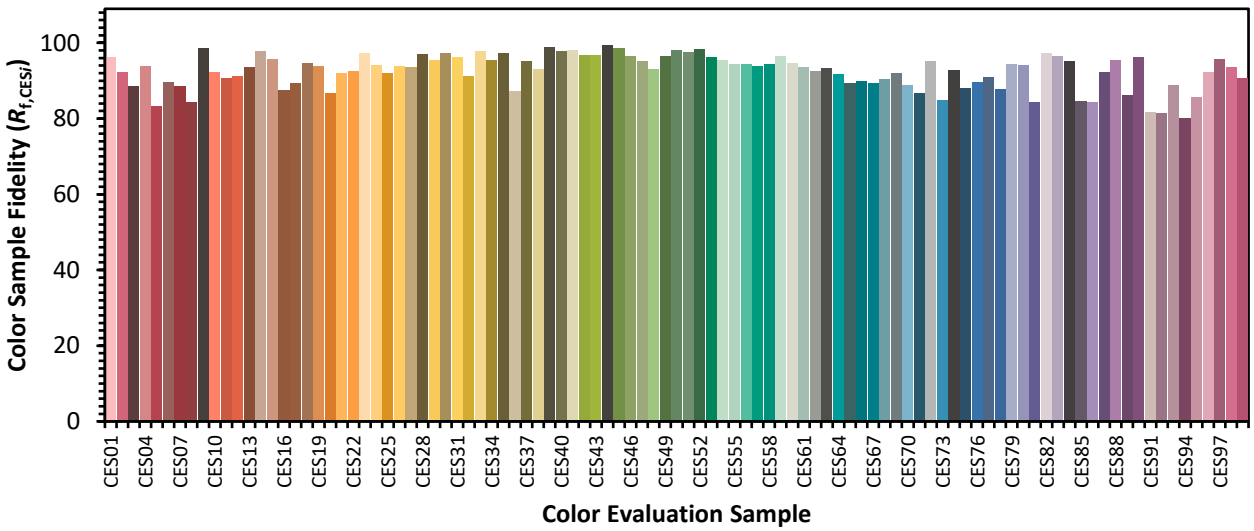


REPORT NUMBER: SP1-2407-184-14

TM-30-18

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

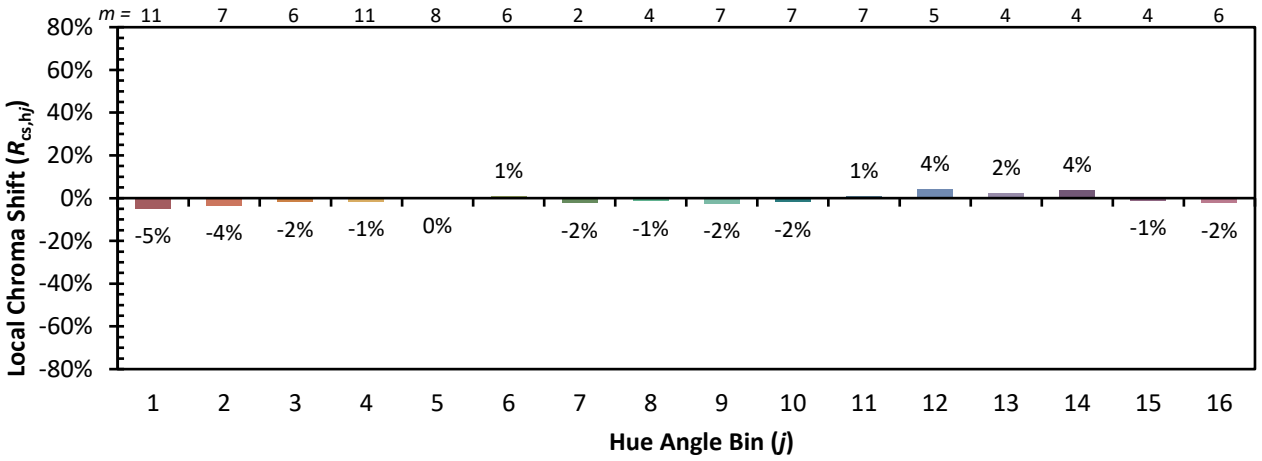
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	

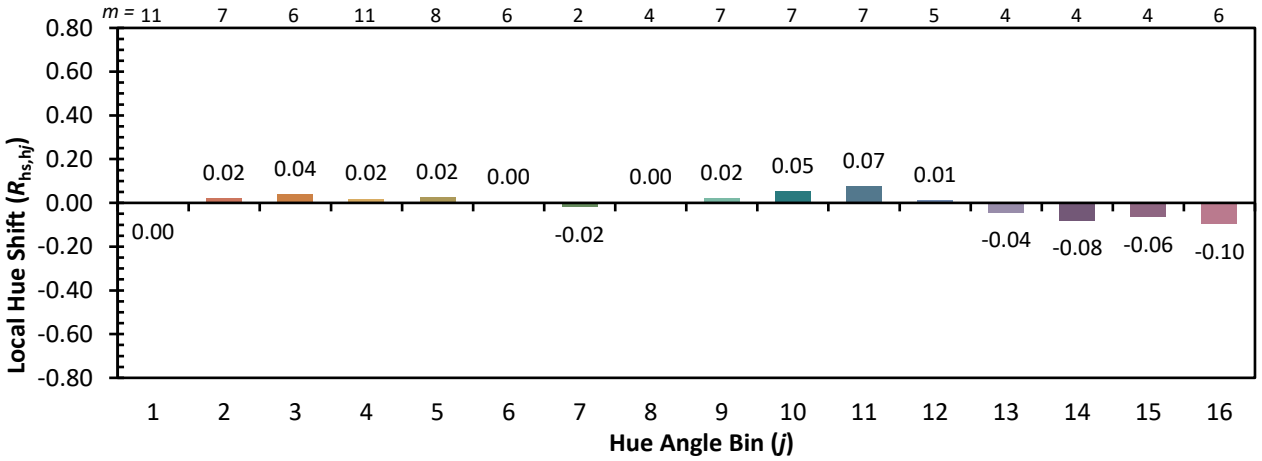


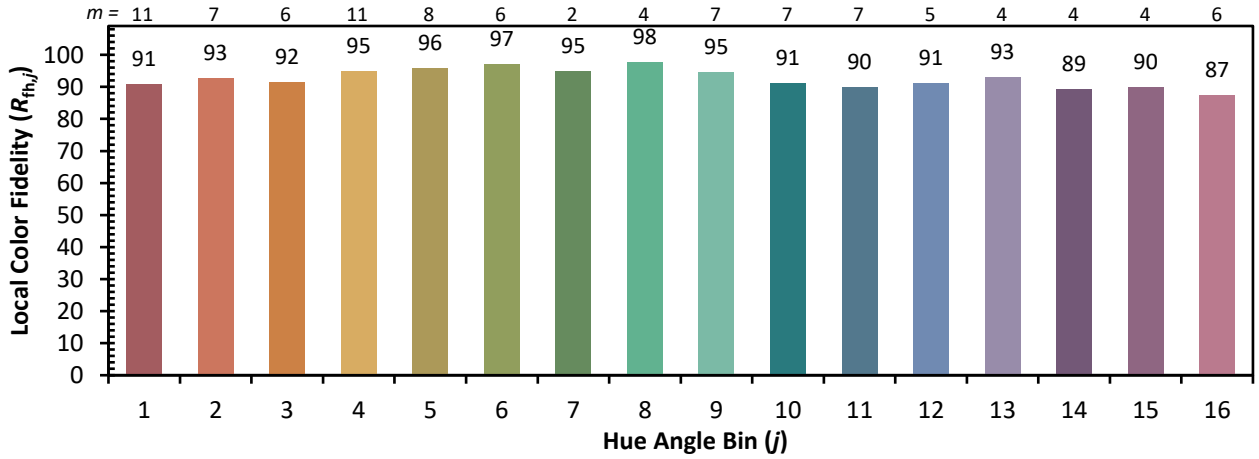
REPORT NUMBER: SP1-2407-184-14

TM-30-18

Color Rendition by Hue-Angle Bin



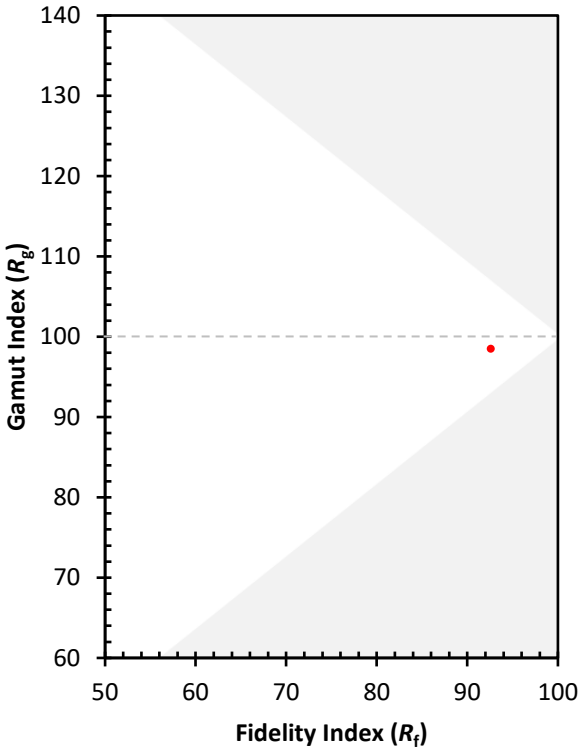


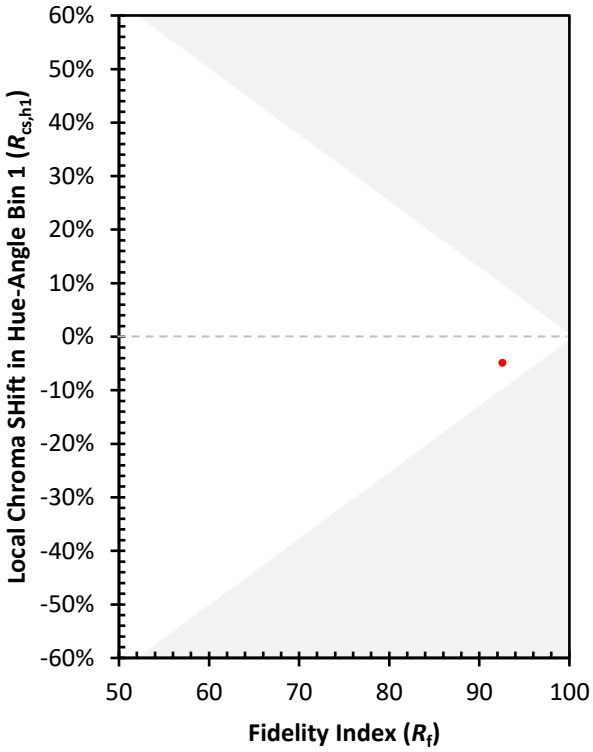


REPORT NUMBER: SP1-2407-184-14

TM-30-18

Measure Comparisons





(END OF REPORT)