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: P1048737

Luminaire Tested: **GALN-SA9A-930-U-T4BC**

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:	P1048737
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-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	22547.9 lumens
Efficiency:	N/A
Efficacy:	92.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

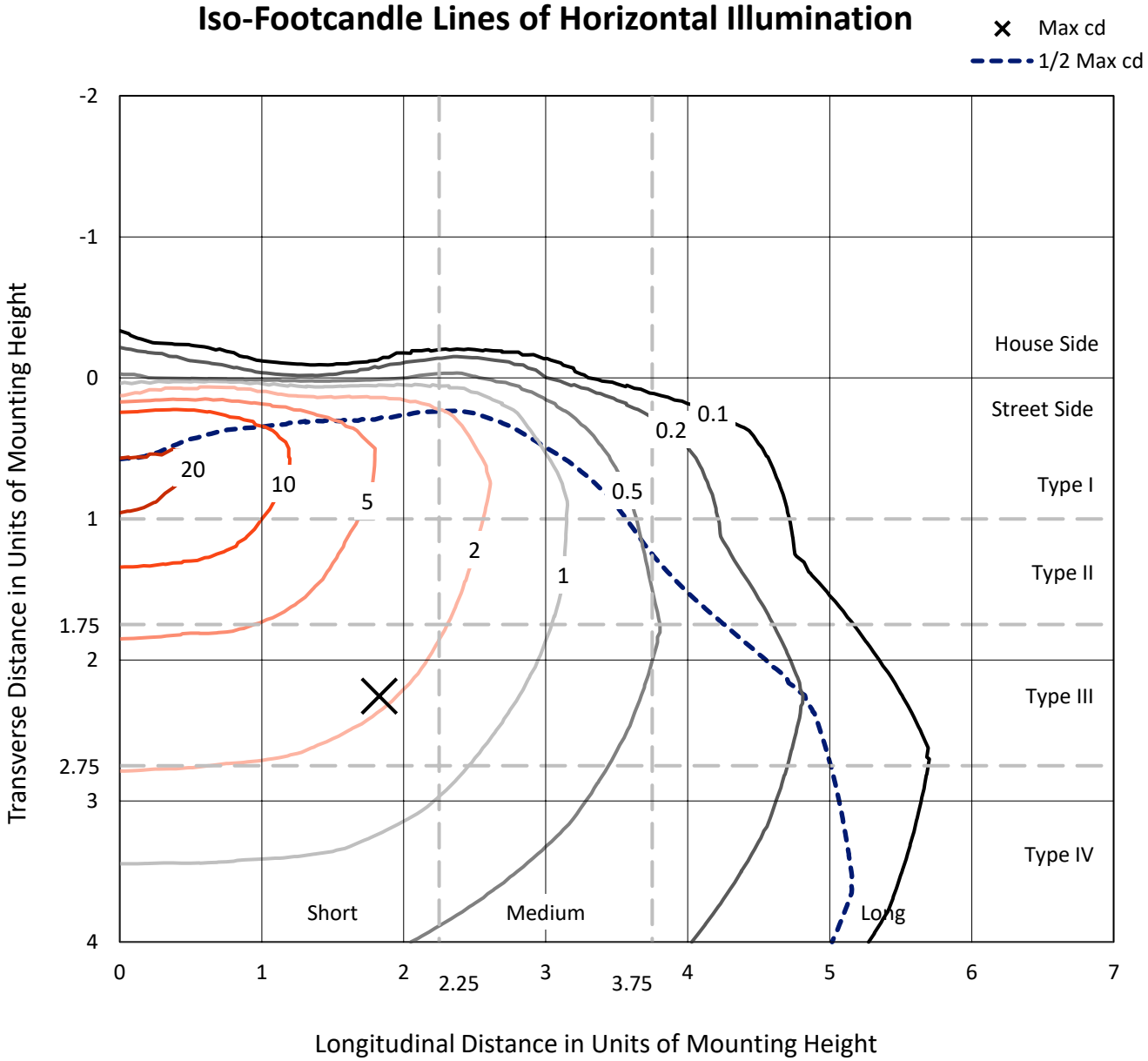
Input Watts (W):	244.6
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1048737
CATALOG NUMBER: GALN-SA9A-930-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



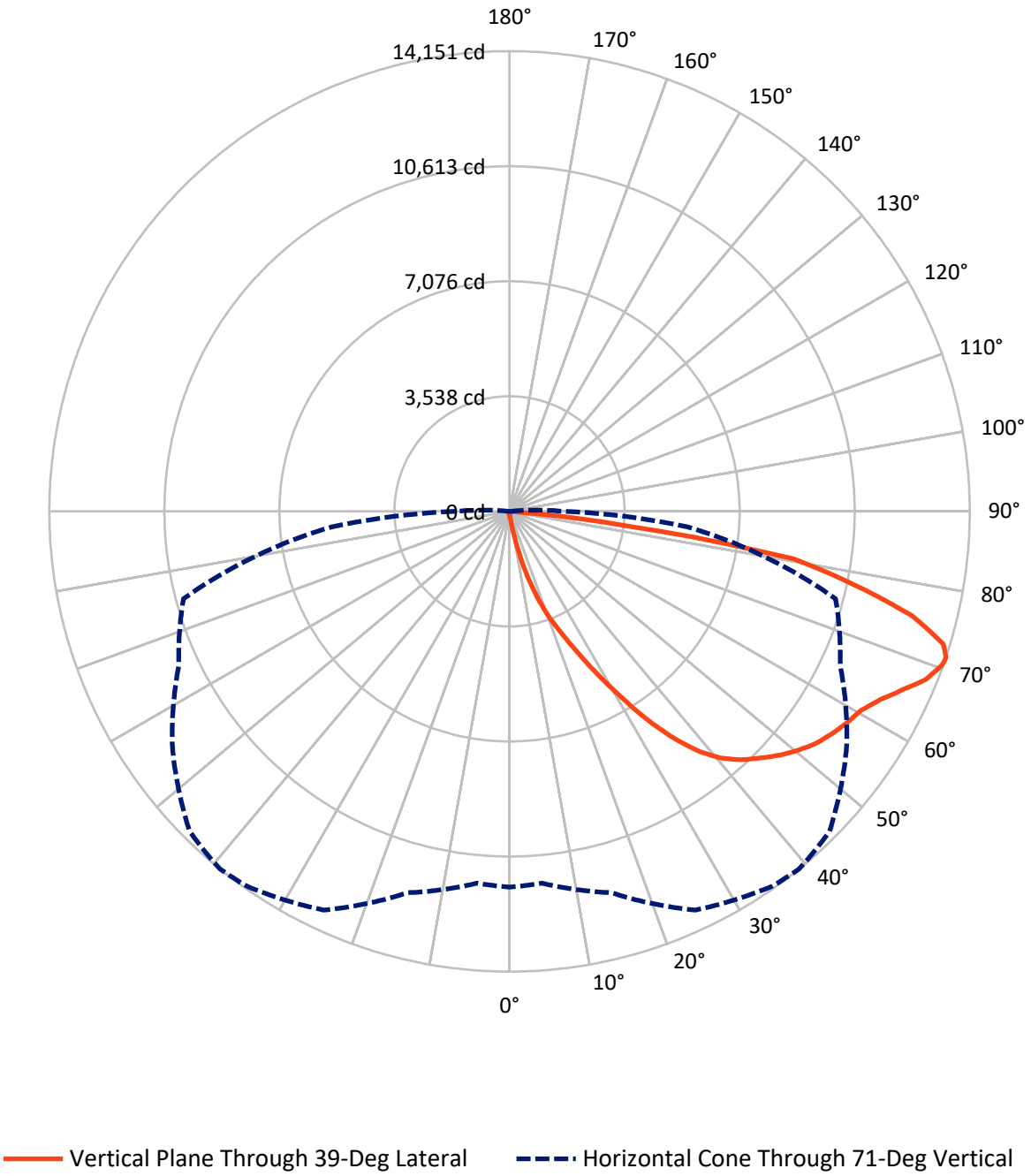
Based on 15 foot mounting height. Maximum calculated value = 23.2 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1048737
CATALOG NUMBER: GALN-SA9A-930-U-T4BC

Luminous Intensity Polar Plot



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

Scaled Data Report

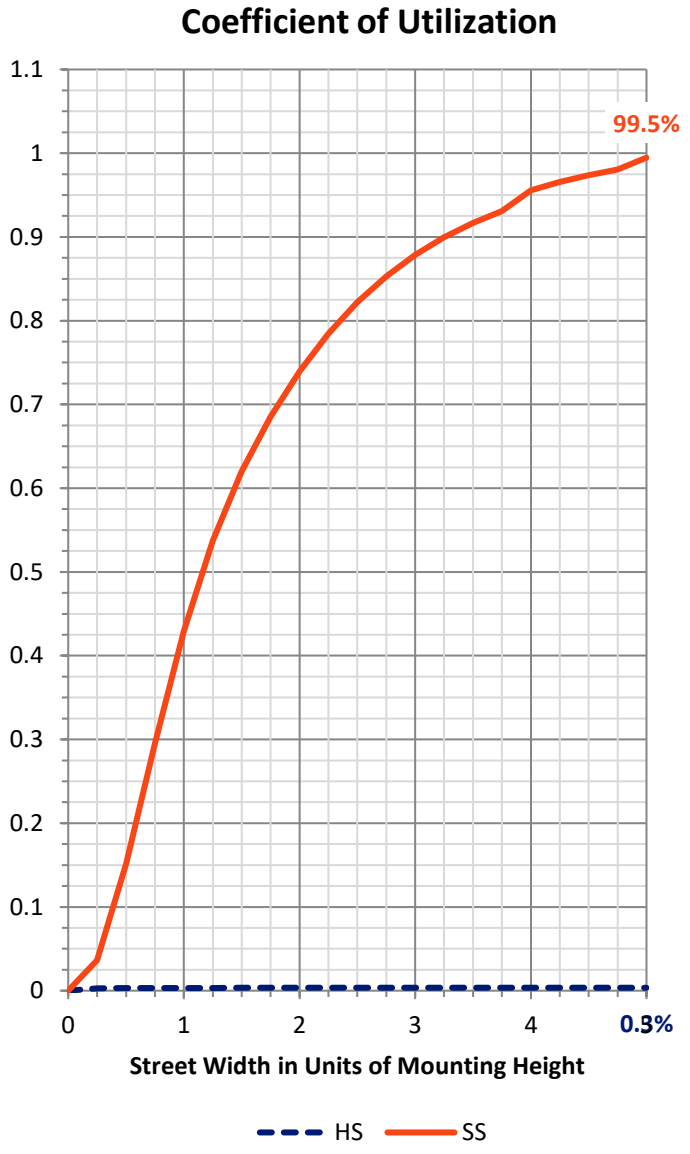
REPORT NUMBER: P1048737
CATALOG NUMBER: GALN-SA9A-930-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.1	0.0	80.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22467.8	0.0	22467.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	22547.9	0.0	22547.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.8	0.1
10°-20°	241.0	1.1
20°-30°	858.2	3.8
30°-40°	2068.4	9.2
40°-50°	3461.7	15.4
50°-60°	4446.1	19.7
60°-70°	5626.5	25.0
70°-80°	5016.3	22.2
80°-90°	810.9	3.6
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°	22547.9	100.0
0°-180°	22547.9	100.0



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

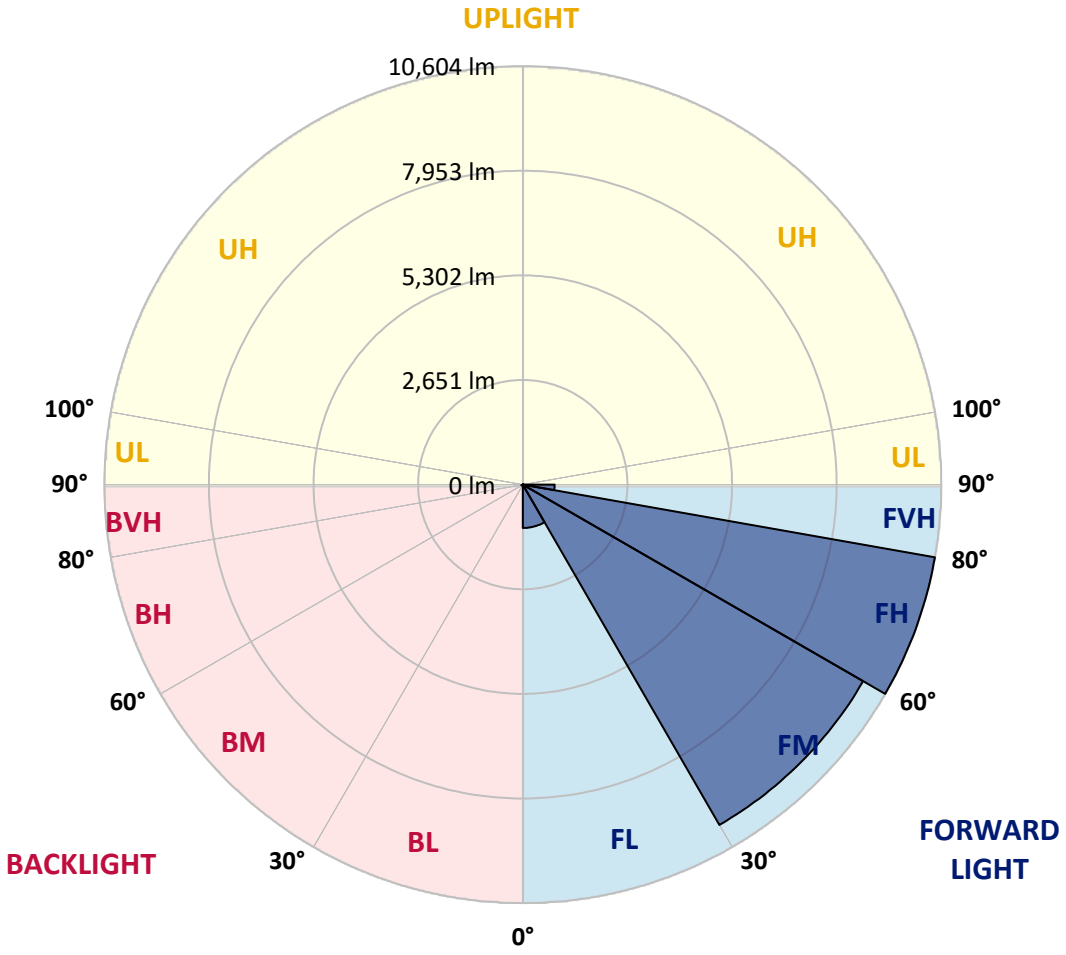
Scaled Data Report

REPORT NUMBER: P1048737
CATALOG NUMBER: GALN-SA9A-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1098.7	4.9			
FM	(30°-60°)	9957.6	44.2			
FH	(60°-80°)	10604.3	47.0			G4/12000
FVH	(80°-90°)	807.2	3.6			G5
BL	(0°-30°)	19.4	0.1	B0/110		
BM	(30°-60°)	18.5	0.1	B0/220		
BH	(60°-80°)	38.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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-G5
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1048737
CATALOG NUMBER: GALN-SA9A-930-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6
2.5°	142.0	142.0	142.0	137.4	137.4	135.8	134.3	134.3	131.3	129.7	126.7
5°	215.2	210.6	200.0	193.8	181.6	174.0	166.4	155.7	145.0	137.4	128.2
7.5°	486.9	497.6	462.5	396.9	329.7	300.7	251.9	203.0	167.9	145.0	129.7
10°	1240.9	1234.8	1115.8	984.5	760.1	670.1	525.1	331.2	216.7	158.7	131.3
12.5°	2111.0	2104.9	1964.4	1785.9	1489.7	1302.0	1027.2	618.2	311.4	180.1	131.3
15°	2842.1	2817.7	2773.4	2596.4	2249.9	2092.7	1729.4	1092.9	503.7	216.7	134.3
17.5°	3326.0	3304.6	3263.4	3199.3	2979.5	2793.3	2501.7	1717.2	815.1	280.9	140.4
20°	3770.1	3754.9	3721.3	3709.1	3567.1	3467.9	3226.7	2434.6	1269.9	381.6	149.6
22.5°	4380.7	4348.6	4362.4	4289.1	4150.2	4031.1	3883.1	3185.5	1825.5	549.5	166.4
25°	5128.6	5113.3	5075.2	5023.3	4831.0	4727.2	4499.7	3893.8	2446.8	769.3	184.7
27.5°	6032.2	6015.4	6006.3	5887.2	5665.9	5552.9	5235.5	4562.3	3145.9	1077.6	209.1
30°	7073.2	7080.8	7021.3	6868.7	6610.7	6452.0	6125.3	5262.9	3861.7	1439.4	235.1
32.5°	8150.8	8135.6	8044.0	7863.9	7633.4	7485.3	7070.2	6030.7	4612.7	1917.1	265.6
35°	9312.4	9283.4	9042.2	8836.2	8639.3	8453.0	8074.5	6922.1	5363.7	2452.9	306.8
37.5°	10484.6	10348.8	9864.9	9603.9	9468.1	9315.4	8962.9	7873.0	6110.1	3051.2	357.2
40°	11369.9	11264.6	10690.7	10209.9	10101.5	9971.8	9709.2	8694.2	6903.8	3693.8	418.2
42.5°	11859.9	11801.9	11286.0	10811.3	10556.4	10441.9	10217.5	9411.6	7688.3	4403.6	506.8
45°	12069.0	11979.0	11634.0	11412.7	11006.7	10817.4	10550.3	9953.5	8508.0	5209.5	630.4
47.5°	12004.9	11953.0	11705.7	11786.6	11492.1	11197.5	10805.2	10368.6	9208.6	6134.5	799.8
50°	11602.0	11557.7	11481.4	11919.4	11882.8	11534.8	11134.9	10696.8	9781.0	7088.5	1062.4
52.5°	10835.7	10817.4	11012.8	11815.6	12104.1	11832.4	11452.4	10986.8	10315.2	8085.2	1437.8
55°	9848.1	9922.9	10481.6	11653.8	12217.1	12052.2	11733.2	11258.5	10744.1	8976.6	1991.9
57.5°	9442.1	9462.0	10159.5	11539.4	12267.4	12246.1	12006.4	11518.0	11137.9	9689.4	2837.5
60°	9916.8	9886.3	10254.2	11626.4	12368.2	12420.1	12249.1	11759.2	11479.8	10301.5	3964.0
62.5°	10774.7	10757.9	10875.4	11997.3	12662.8	12768.1	12586.5	11933.2	11782.1	10704.4	5249.2
65°	11540.9	11505.8	11724.1	12655.1	13180.2	13255.0	13096.3	12230.8	11914.9	10997.5	6456.6
67.5°	11872.1	11864.5	12215.6	13281.0	13723.6	13804.5	13665.6	12641.4	11884.3	11090.6	6989.3
70°	11721.0	11692.0	12253.7	13546.5	14030.4	14122.0	13987.7	12794.0	11553.1	10796.0	6200.1
71°	11554.6	11476.8	12139.2	13528.2	14073.1	14151.0	13915.9	12655.1	11220.4	10377.8	5484.3
72.5°	11038.7	11052.5	11824.8	13337.4	13970.9	13948.0	13509.9	12157.5	10818.9	9428.4	4405.1
75°	9768.8	9849.7	10806.7	12536.1	13058.1	12766.6	12096.5	11206.6	10013.0	6760.3	3058.8
77.5°	7982.9	8103.5	9155.2	10994.5	10846.4	10817.4	10789.9	9874.1	8550.7	3631.2	2127.8
80°	3811.3	4072.4	5522.4	7848.6	8526.3	8854.5	8648.4	7957.0	6612.2	1729.4	1271.5
82.5°	248.8	245.7	348.0	659.4	2779.5	3593.1	5708.6	5687.3	4609.6	842.6	519.0
85°	117.5	120.6	132.8	151.1	175.5	192.3	265.6	1556.9	2205.6	401.4	113.0
87.5°	68.7	70.2	82.4	105.3	137.4	152.6	181.6	233.5	287.0	221.3	24.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1048737
CATALOG NUMBER: GALN-SA9A-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6
2.5°	125.2	123.6	119.1	114.5	109.9	106.8	105.3	106.8	106.8	108.4	108.4
5°	125.2	120.6	113.0	103.8	97.7	91.6	88.5	87.0	88.5	88.5	88.5
7.5°	123.6	116.0	105.3	94.6	87.0	79.4	76.3	74.8	74.8	76.3	76.3
10°	120.6	113.0	99.2	87.0	77.8	68.7	64.1	59.5	59.5	59.5	61.1
12.5°	119.1	108.4	91.6	79.4	67.2	56.5	47.3	42.7	44.3	44.3	44.3
15°	116.0	103.8	87.0	71.7	56.5	42.7	35.1	30.5	32.1	33.6	32.1
17.5°	116.0	102.3	80.9	62.6	44.3	32.1	25.9	22.9	22.9	24.4	24.4
20°	116.0	99.2	76.3	53.4	33.6	24.4	18.3	16.8	16.8	19.8	21.4
22.5°	119.1	99.2	70.2	44.3	27.5	18.3	13.7	12.2	13.7	16.8	18.3
25°	123.6	97.7	64.1	39.7	22.9	13.7	10.7	7.6	9.2	12.2	13.7
27.5°	128.2	96.2	58.0	35.1	18.3	10.7	7.6	6.1	4.6	6.1	6.1
30°	132.8	96.2	51.9	29.0	15.3	7.6	4.6	3.1	1.5	0.0	0.0
32.5°	135.8	93.1	47.3	22.9	12.2	6.1	3.1	1.5	0.0	0.0	0.0
35°	138.9	90.1	41.2	18.3	9.2	4.6	1.5	0.0	0.0	0.0	0.0
37.5°	142.0	85.5	35.1	15.3	7.6	3.1	0.0	0.0	0.0	0.0	0.0
40°	145.0	79.4	29.0	13.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	148.1	74.8	24.4	10.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	155.7	71.7	19.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	169.4	68.7	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	189.3	65.6	16.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	216.7	64.1	15.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	265.6	62.6	13.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	349.5	61.1	13.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	535.8	58.0	13.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	957.0	56.5	12.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1668.3	58.0	12.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2391.8	61.1	10.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	2046.9	53.4	10.7	6.1	3.1	1.5	0.0	0.0	0.0	0.0	0.0
71°	*1668.3*	*47.3*	*10.7*	*6.1*	*3.1*	*1.5*	*1.5*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1073.0	36.6	9.2	6.1	3.1	3.1	1.5	0.0	0.0	0.0	0.0
75°	453.3	30.5	9.2	6.1	4.6	3.1	3.1	1.5	0.0	0.0	0.0
77.5°	193.8	22.9	9.2	7.6	6.1	4.6	4.6	3.1	1.5	0.0	0.0
80°	73.3	18.3	10.7	9.2	7.6	7.6	6.1	3.1	1.5	0.0	0.0
82.5°	33.6	15.3	10.7	9.2	9.2	7.6	6.1	4.6	3.1	0.0	0.0
85°	21.4	13.7	10.7	9.2	9.2	7.6	7.6	4.6	3.1	0.0	0.0
87.5°	16.8	13.7	10.7	10.7	9.2	9.2	6.1	4.6	1.5	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

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

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

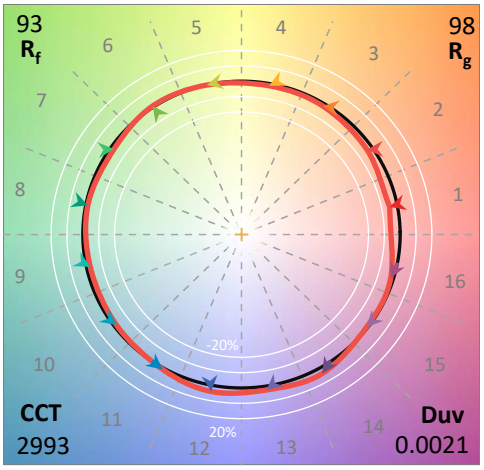
Test Information

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

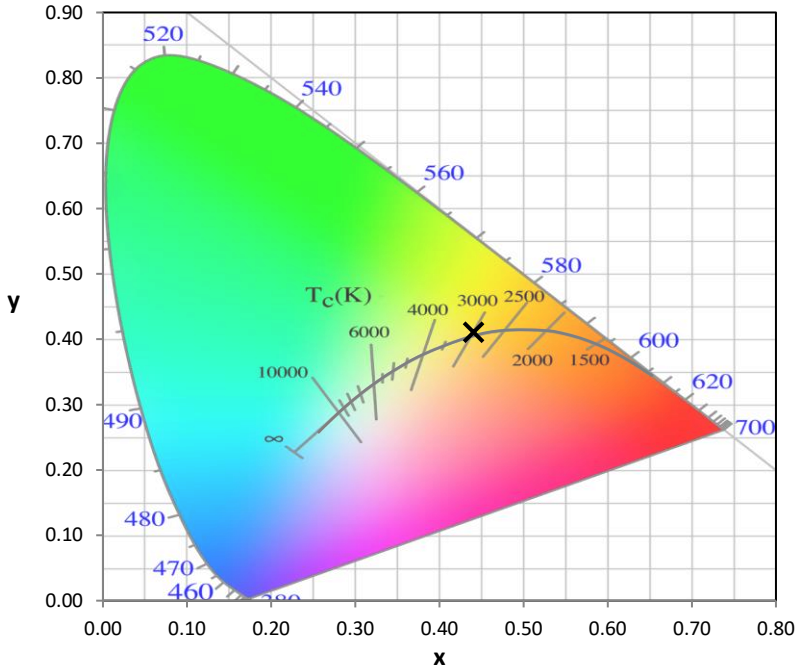
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

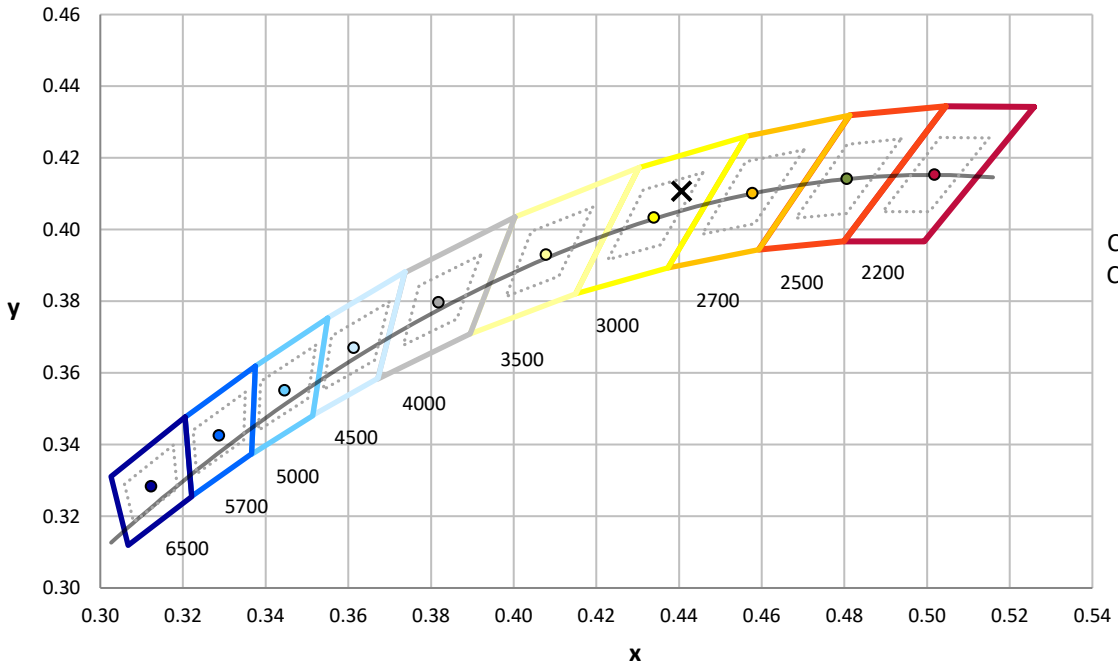
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

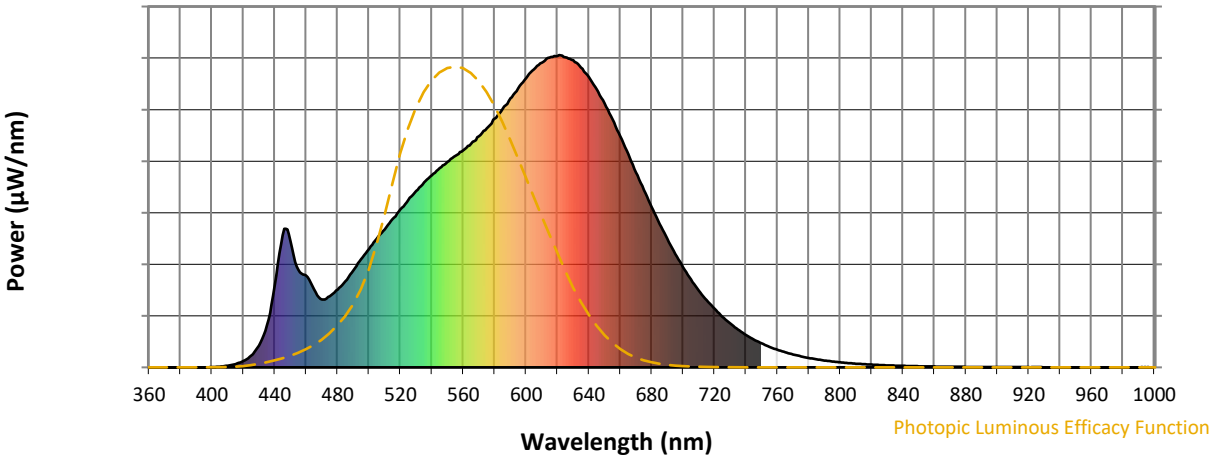


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

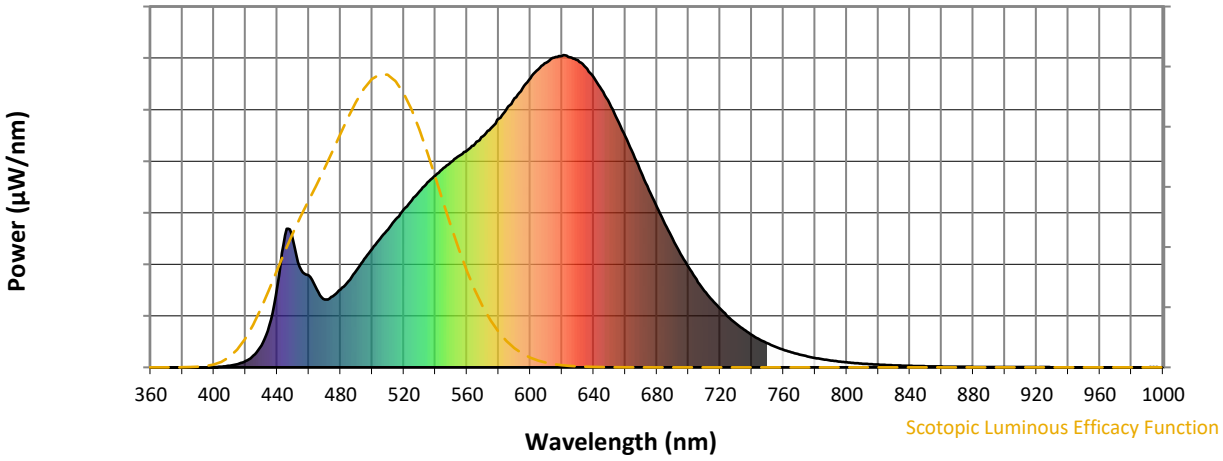


Photopic Lumens: NR

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

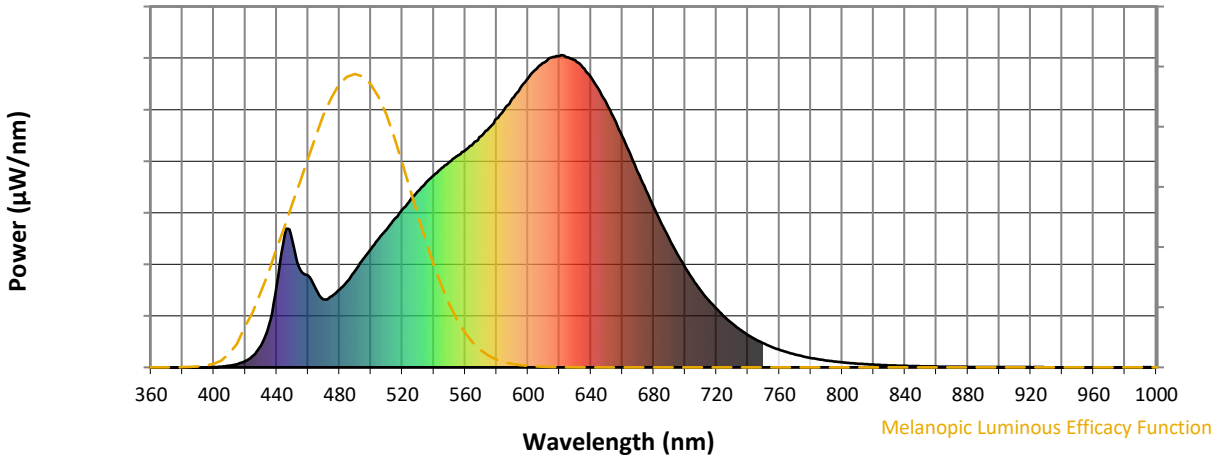


Scotopic Lumens: NR **S/P: 1.39**

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			

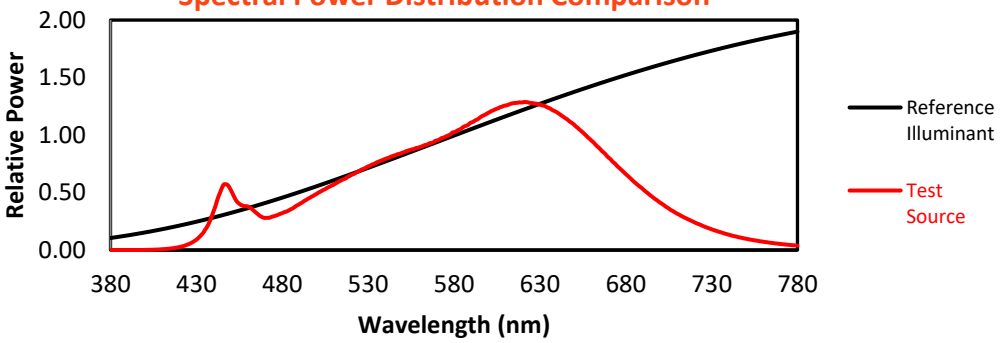
REPORT NUMBER: SP1-2407-184-14

TM-30-18

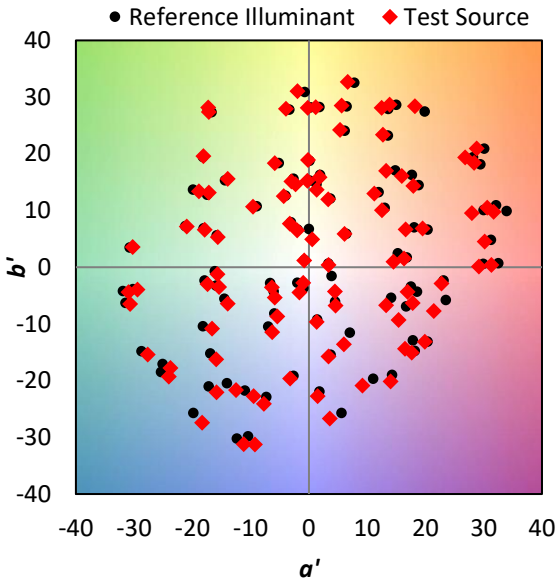
Summary

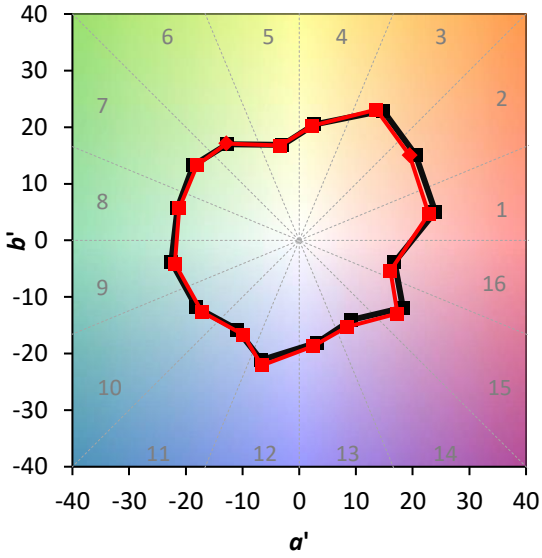
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

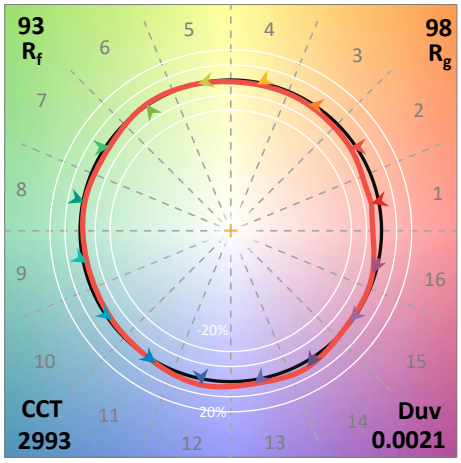
Spectral Power Distribution Comparison

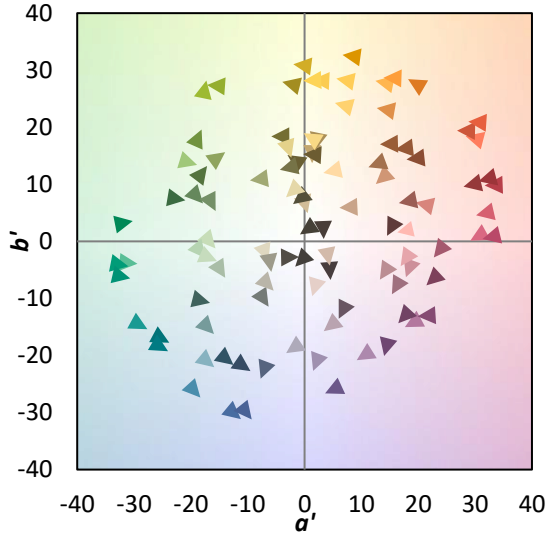


Color Vector Graphics







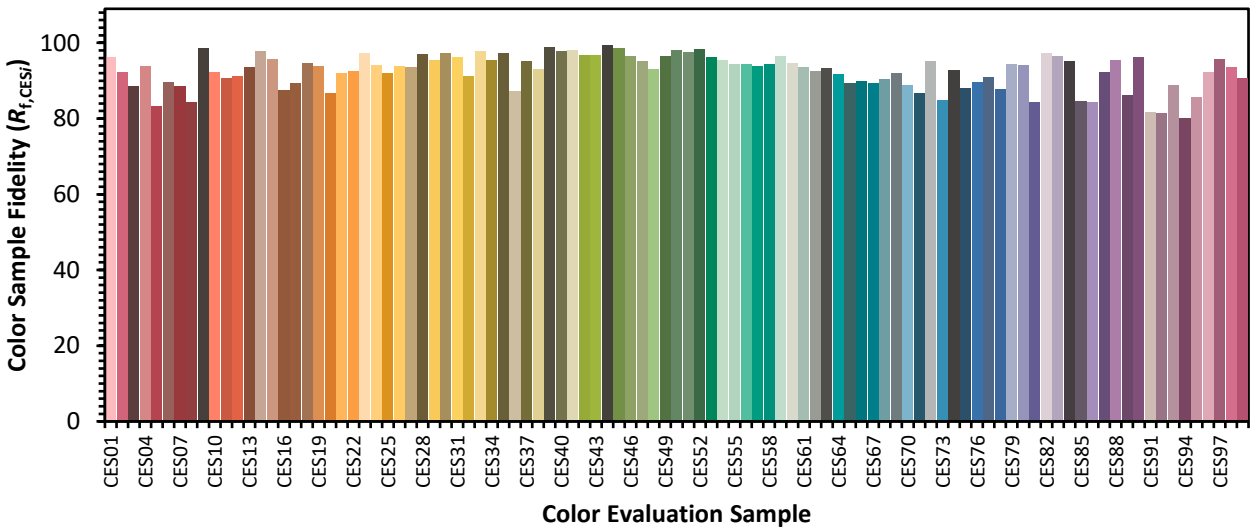


REPORT NUMBER: SP1-2407-184-14

TM-30-18

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

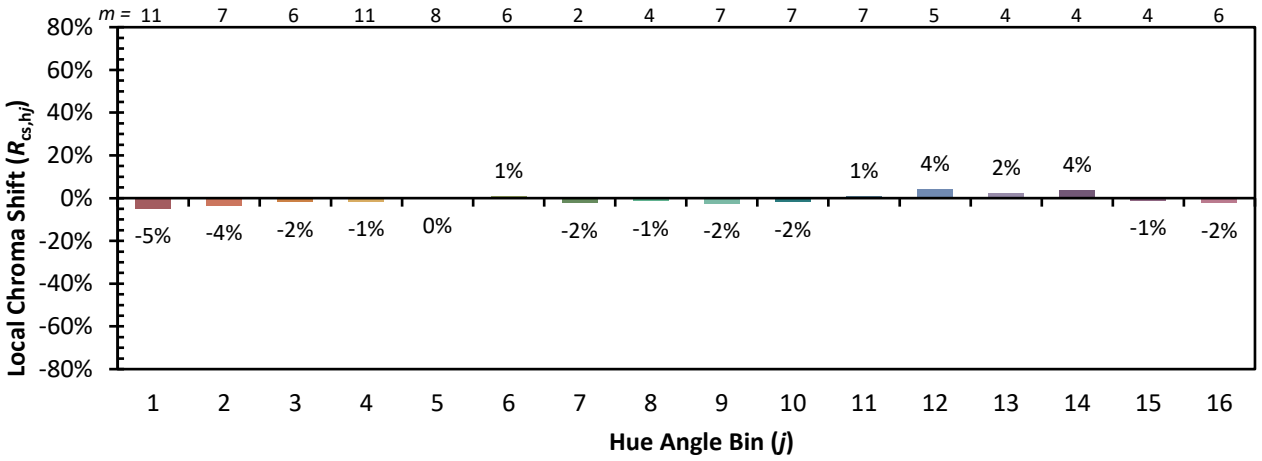
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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	

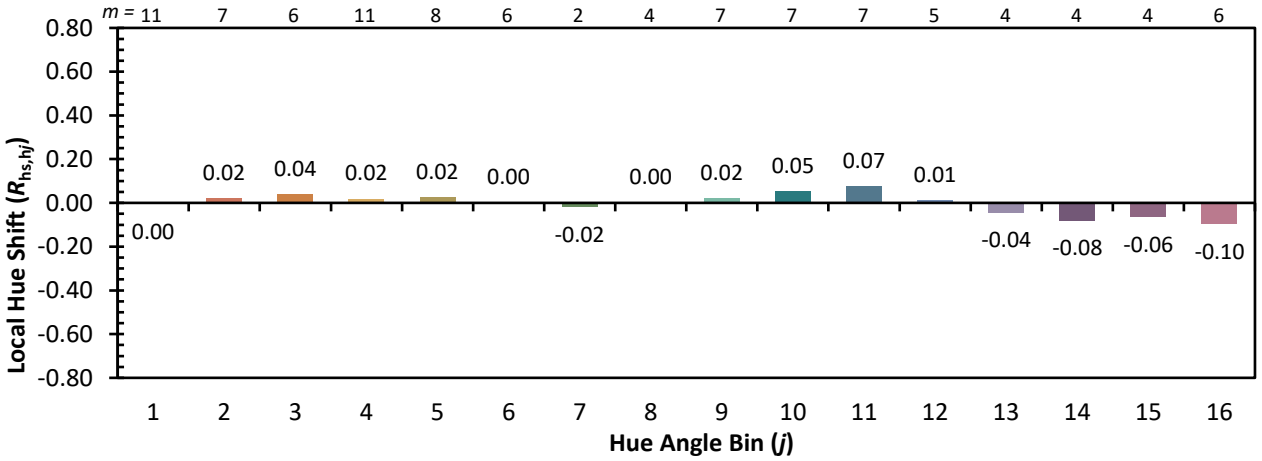


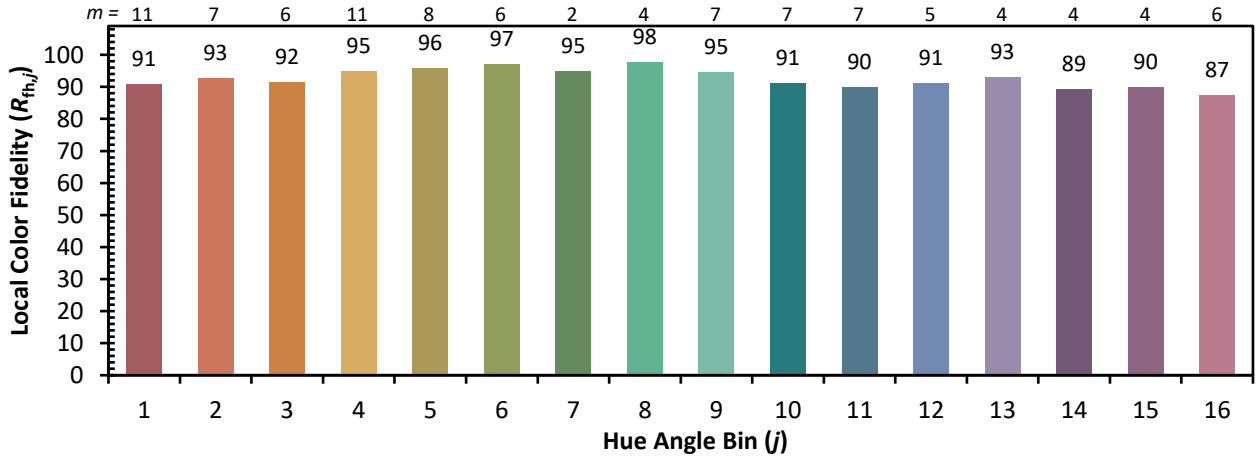
REPORT NUMBER: SP1-2407-184-14

TM-30-18

Color Rendition by Hue-Angle Bin



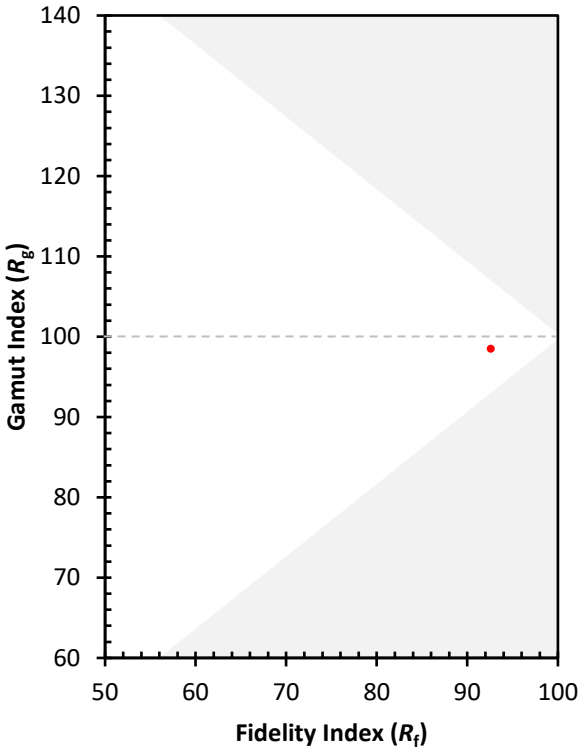


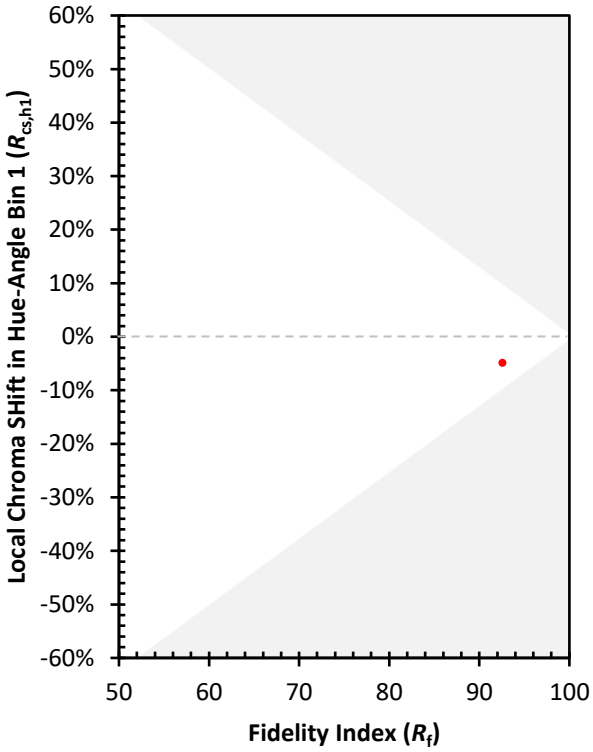


REPORT NUMBER: SP1-2407-184-14

TM-30-18

Measure Comparisons





(END OF REPORT)