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: P1048126

Luminaire Tested: **GALN-SA9B-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:	P1048126
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-930-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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:	27320.4 lumens
Efficiency:	N/A
Efficacy:	87.4 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

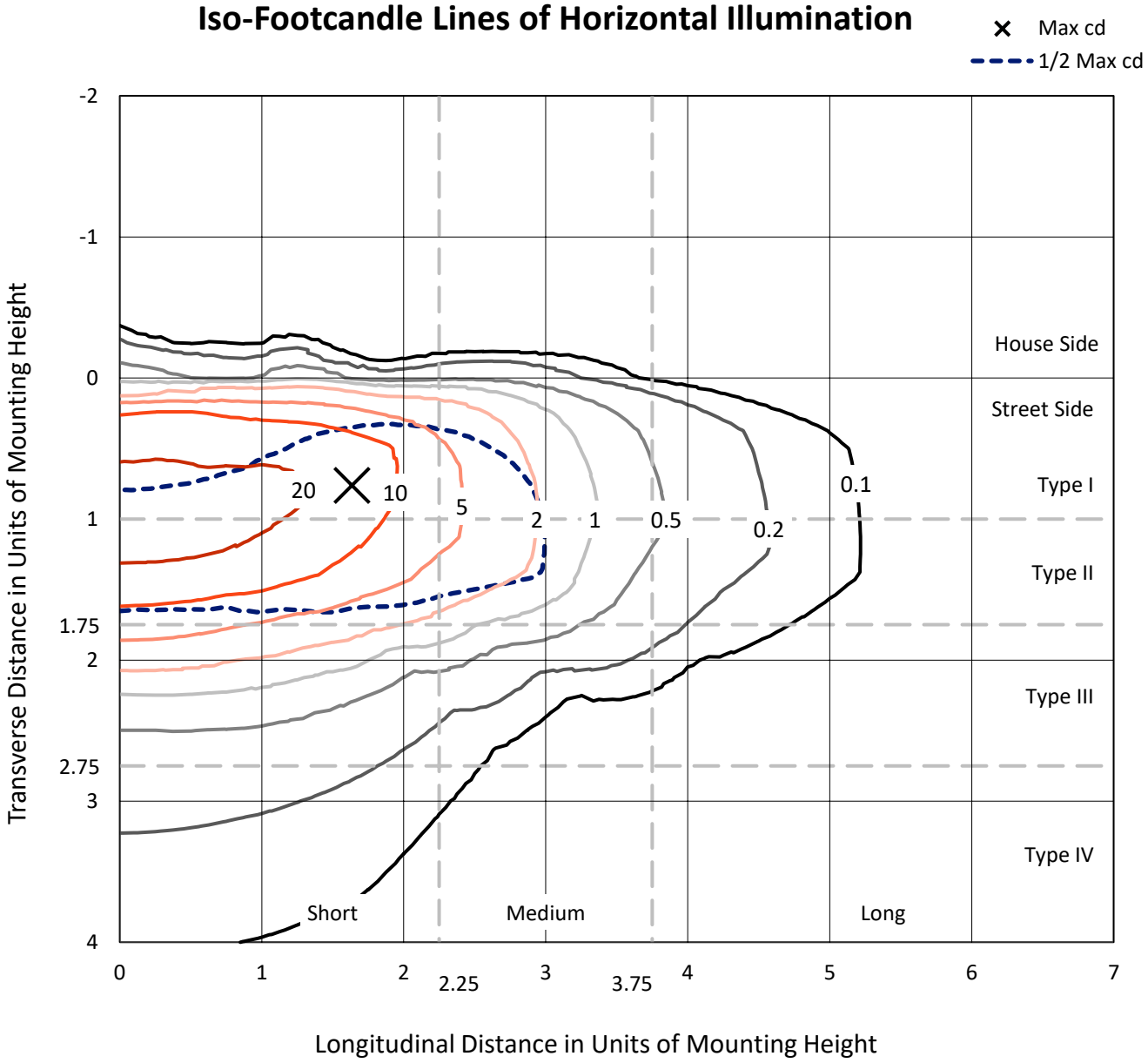
Input Watts (W):	312.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1048126
CATALOG NUMBER: GALN-SA9B-930-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



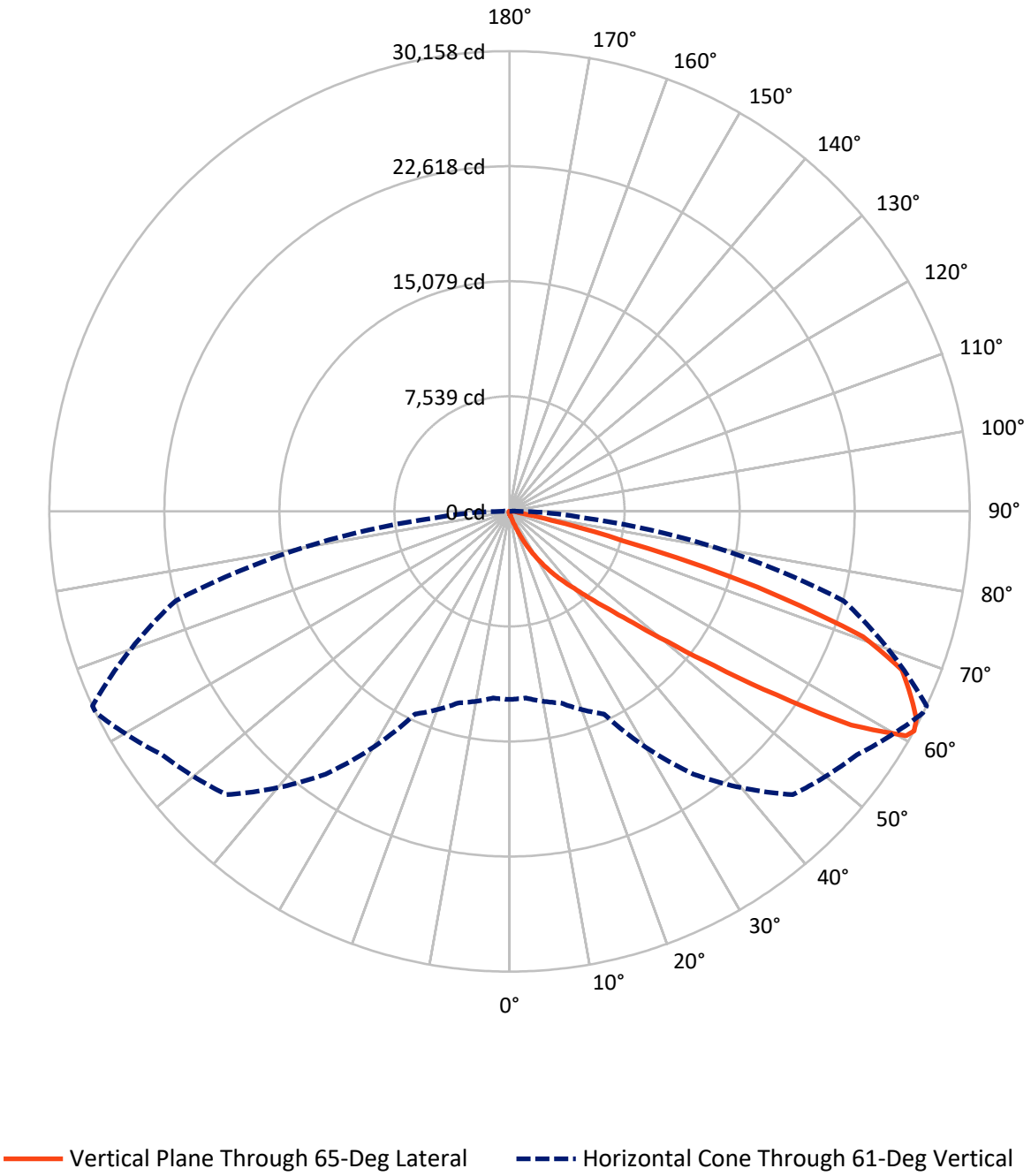
Based on 15 foot mounting height. Maximum calculated value = 36.1 fc
Type II - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1048126
CATALOG NUMBER: GALN-SA9B-930-U-T2BC

Luminous Intensity Polar Plot



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

Scaled Data Report

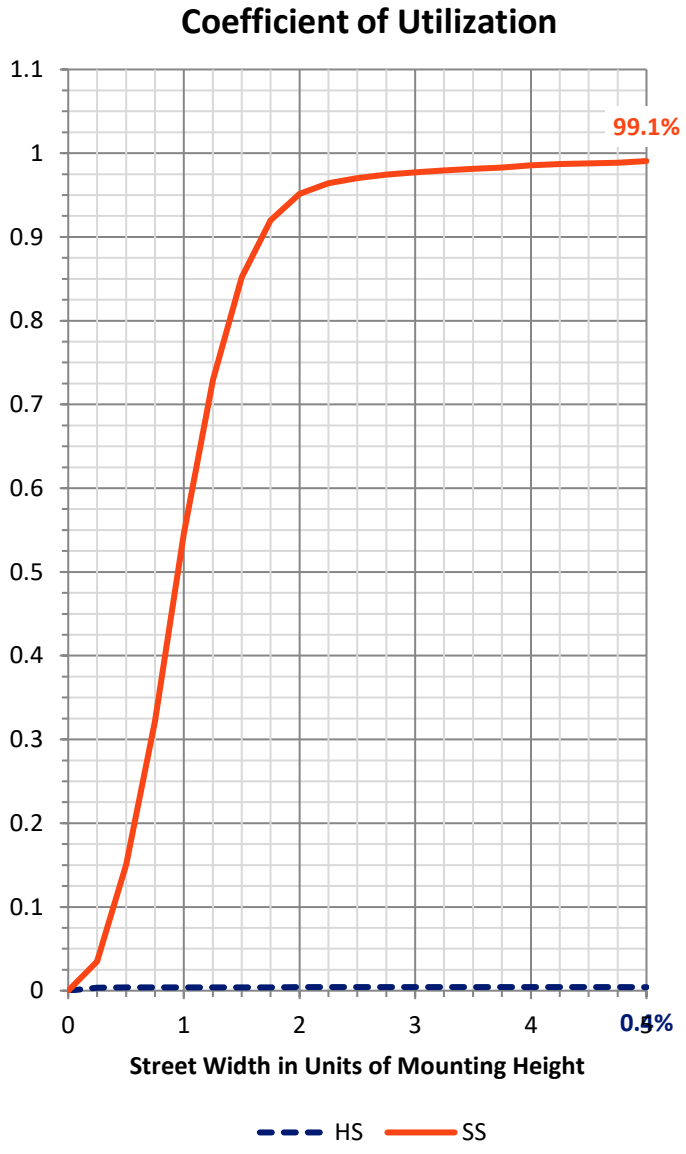
REPORT NUMBER: P1048126
CATALOG NUMBER: GALN-SA9B-930-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	116.6	0.0	116.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27203.8	0.0	27203.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	27320.4	0.0	27320.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	0.1
10°-20°	224.7	0.8
20°-30°	806.3	3.0
30°-40°	2146.6	7.9
40°-50°	5639.1	20.6
50°-60°	8736.0	32.0
60°-70°	7325.0	26.8
70°-80°	2155.6	7.9
80°-90°	265.9	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°	27320.4	100.0
0°-180°	27320.4	100.0



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

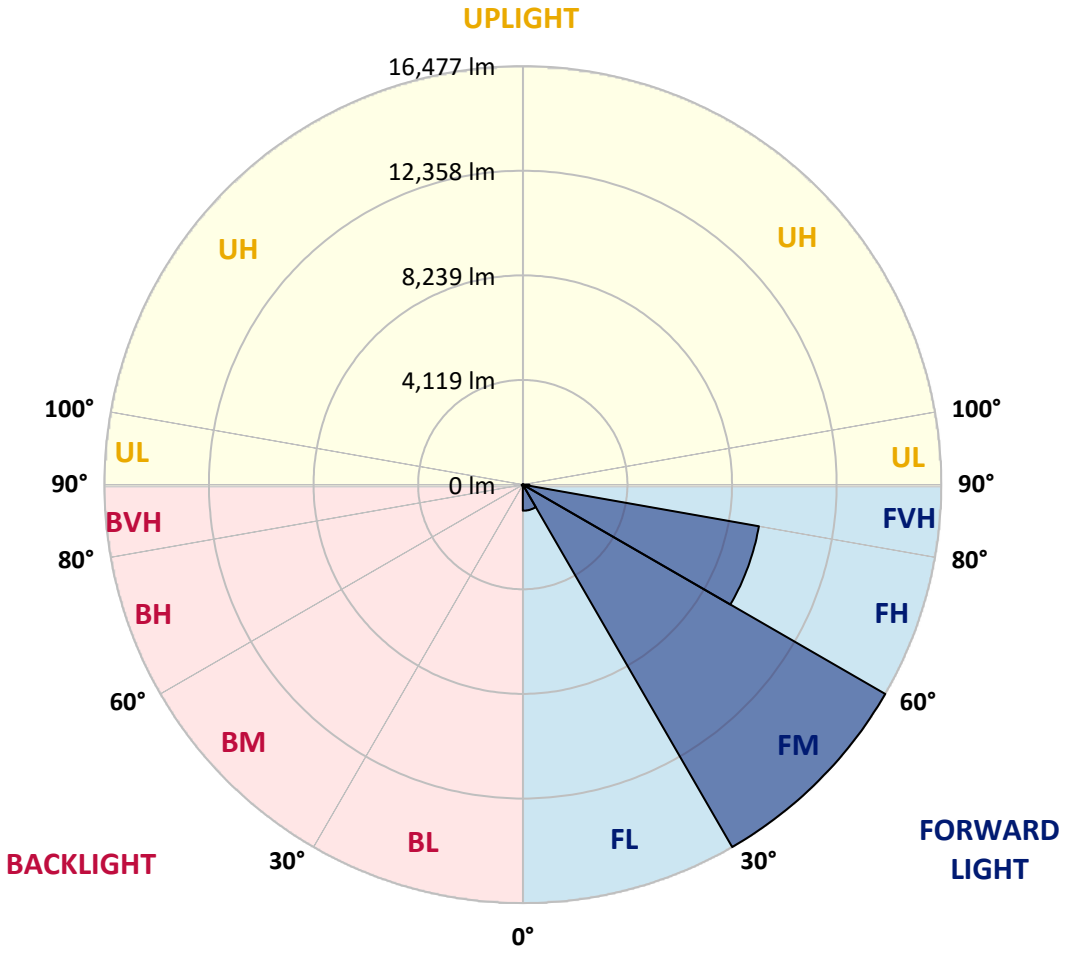
Scaled Data Report

REPORT NUMBER: P1048126
CATALOG NUMBER: GALN-SA9B-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1026.0	3.8			
FM	(30°-60°)	16477.3	60.3			
FH	(60°-80°)	9439.5	34.6			G4/12000
FVH	(80°-90°)	261.0	1.0			G3/500
BL	(0°-30°)	26.2	0.1	B0/110		
BM	(30°-60°)	44.4	0.2	B0/220		
BH	(60°-80°)	41.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.9	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



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

Scaled Data Report

REPORT NUMBER: P1048126
CATALOG NUMBER: GALN-SA9B-930-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	167.3	167.3	167.3	167.3	167.3	167.3	167.3	167.3	*167.3*	167.3	167.3
2.5°	203.0	204.8	201.1	193.6	187.9	187.9	186.1	180.4	*180.4*	174.8	171.0
5°	283.8	280.0	272.5	257.5	244.3	231.2	218.0	204.8	*203.0*	186.1	174.8
7.5°	464.2	468.0	443.5	396.5	357.1	306.3	259.4	231.2	*227.4*	199.2	176.7
10°	1018.6	990.4	934.0	751.7	618.3	466.1	345.8	268.7	*265.0*	214.2	180.4
12.5°	1856.8	1834.2	1730.9	1542.9	1199.0	834.4	505.5	332.6	*321.4*	227.4	182.3
15°	2676.2	2640.5	2584.1	2394.3	1992.1	1496.0	826.9	454.8	*424.7*	246.2	180.4
17.5°	3198.7	3204.3	3153.6	3072.7	2813.4	2213.9	1428.3	678.4	*620.2*	280.0	176.7
20°	3655.3	3642.2	3670.4	3627.1	3444.9	3008.8	2078.6	1075.0	*975.4*	334.5	178.5
22.5°	4181.6	4213.5	4234.2	4224.8	4023.7	3651.6	2817.1	1608.7	*1482.8*	434.1	184.2
25°	4886.3	4882.6	4884.4	4860.0	4664.5	4251.1	3557.6	2272.1	*2144.3*	595.8	197.3
27.5°	5624.9	5647.5	5656.8	5568.5	5312.9	4907.0	4243.6	2997.6	*2847.2*	855.1	214.2
30°	6634.1	6615.3	6572.1	6391.7	6081.6	5577.9	4920.1	3758.7	*3600.8*	1217.8	240.6
32.5°	7994.8	7974.1	7756.1	7357.7	6893.5	6277.0	5600.5	4521.7	*4330.0*	1670.7	276.3
35°	10236.8	10268.8	9733.2	8701.4	7868.8	7117.1	6354.1	5281.0	*5111.8*	2228.9	325.1
37.5°	13670.4	13495.6	12768.3	10945.3	9152.4	8165.8	7073.9	6047.8	*5901.2*	2916.8	389.0
40°	17006.2	16833.3	16622.9	14895.7	11383.2	9321.6	8081.2	6948.0	*6758.1*	3692.9	483.0
42.5°	20513.1	20417.3	20407.9	19105.5	15453.9	11138.9	9293.4	8002.3	*7840.7*	4544.3	637.1
45°	22997.6	22901.8	23102.9	23330.3	20998.0	15032.9	11403.9	9372.3	*9137.4*	5577.9	883.3
47.5°	23332.1	23335.9	23873.4	24585.7	25117.5	21056.3	14215.4	11187.8	*10902.1*	7057.0	1296.8
50°	22219.6	22262.8	23117.9	24392.1	25824.2	26109.8	19173.1	13822.6	*13399.8*	8810.4	1883.1
52.5°	20101.5	20150.4	21341.9	23437.4	25173.9	27323.9	25010.4	17269.4	*16782.6*	10998.0	2710.0
55°	18194.0	18224.1	19590.4	22238.4	24390.2	26664.2	28475.9	21871.9	*21232.9*	13689.2	3525.7
57.5°	16305.3	16235.7	17124.6	20156.0	24256.8	25854.2	28987.1	27117.2	*26412.4*	16630.4	4160.9
60°	13779.4	13662.9	14377.0	16305.3	22501.5	26386.1	28030.5	30018.9	*29859.1*	20725.5	4651.4
61°	*12326.7*	*12277.8*	*12995.7*	*14649.5*	*21024.3*	*26250.8*	*27801.2*	*30141.0*	*30157.9*	*22663.1*	*4871.3*
62.5°	8802.9	8942.0	10039.5	12189.5	17609.5	25373.1	27831.3	29763.3	*29930.5*	25237.8	5440.7
65°	3912.8	4136.5	4989.7	6739.4	10240.6	21107.0	27564.4	28934.5	*28851.8*	25944.4	7402.8
67.5°	2321.0	2354.8	2779.6	3818.8	5423.8	11353.2	24324.4	27838.8	*27727.9*	22586.0	9210.7
70°	1828.6	1845.5	1980.8	2396.2	3147.9	4348.8	13882.8	24085.8	*24568.8*	18314.3	9017.1
72.5°	1734.6	1730.9	1749.7	1823.0	1982.7	2157.5	5374.9	16010.2	*16993.1*	13189.3	7560.6
75°	1712.1	1704.6	1685.8	1657.6	1435.8	1270.4	1665.1	7081.4	*7650.8*	9011.5	5692.6
77.5°	1661.3	1663.2	1667.0	1589.9	1231.0	898.3	806.2	2272.1	*2794.6*	5718.9	4046.2
80°	1123.9	1140.8	1169.0	1138.9	1106.9	650.3	569.4	808.1	*819.4*	3209.9	2672.4
82.5°	569.4	569.4	556.3	496.1	428.5	422.9	452.9	586.4	*593.9*	1623.8	1257.3
85°	343.9	362.7	370.2	336.4	308.2	283.8	345.8	466.1	*483.0*	629.6	293.2
87.5°	77.1	78.9	86.5	114.6	167.3	227.4	321.4	426.6	*434.1*	404.1	35.7
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: P1048126
CATALOG NUMBER: GALN-SA9B-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	167.3	167.3	167.3	167.3	167.3	167.3	167.3	167.3	167.3	167.3	167.3
2.5°	169.1	165.4	163.5	157.9	152.2	146.6	142.8	141.0	142.8	144.7	144.7
5°	167.3	161.6	152.2	142.8	135.3	127.8	120.3	118.4	118.4	120.3	120.3
7.5°	167.3	157.9	144.7	133.4	122.2	110.9	105.2	101.5	103.4	103.4	103.4
10°	167.3	156.0	139.1	122.2	109.0	95.8	86.5	82.7	82.7	82.7	82.7
12.5°	165.4	154.1	133.4	112.8	94.0	78.9	67.7	62.0	63.9	63.9	63.9
15°	161.6	148.5	125.9	95.8	75.2	60.1	48.9	43.2	45.1	48.9	50.7
17.5°	156.0	142.8	112.8	80.8	60.1	45.1	33.8	30.1	31.9	37.6	37.6
20°	154.1	137.2	99.6	65.8	45.1	31.9	22.6	18.8	20.7	28.2	30.1
22.5°	154.1	133.4	90.2	54.5	33.8	20.7	13.2	7.5	7.5	13.2	13.2
25°	156.0	131.6	82.7	45.1	24.4	15.0	7.5	3.8	7.5	20.7	24.4
27.5°	159.7	129.7	78.9	37.6	18.8	13.2	5.6	13.2	22.6	22.6	22.6
30°	163.5	125.9	73.3	31.9	16.9	9.4	9.4	18.8	18.8	22.6	24.4
32.5°	169.1	124.0	69.5	28.2	13.2	7.5	13.2	11.3	11.3	13.2	15.0
35°	180.4	125.9	65.8	28.2	13.2	9.4	11.3	5.6	3.8	3.8	3.8
37.5°	195.5	127.8	60.1	24.4	11.3	11.3	5.6	0.0	0.0	0.0	0.0
40°	219.9	133.4	56.4	22.6	9.4	9.4	1.9	0.0	0.0	0.0	0.0
42.5°	261.2	144.7	54.5	20.7	9.4	7.5	0.0	0.0	0.0	0.0	0.0
45°	343.9	171.0	50.7	18.8	9.4	3.8	0.0	0.0	0.0	0.0	0.0
47.5°	494.3	233.0	48.9	15.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	721.7	315.7	47.0	13.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	920.9	332.6	31.9	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	943.4	229.3	24.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	751.7	148.5	20.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	569.4	112.8	18.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*546.9*	*101.5*	*18.8*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	603.3	88.3	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	981.0	73.3	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1704.6	63.9	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2153.7	60.1	11.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1877.5	54.5	11.3	3.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	1129.5	47.0	11.3	7.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	592.0	35.7	11.3	9.4	5.6	1.9	0.0	0.0	0.0	0.0	0.0
80°	287.5	31.9	13.2	9.4	7.5	3.8	0.0	0.0	0.0	0.0	0.0
82.5°	112.8	26.3	15.0	13.2	9.4	5.6	1.9	0.0	0.0	0.0	0.0
85°	50.7	22.6	16.9	15.0	13.2	7.5	1.9	0.0	0.0	0.0	0.0
87.5°	26.3	20.7	18.8	16.9	13.2	9.4	3.8	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

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

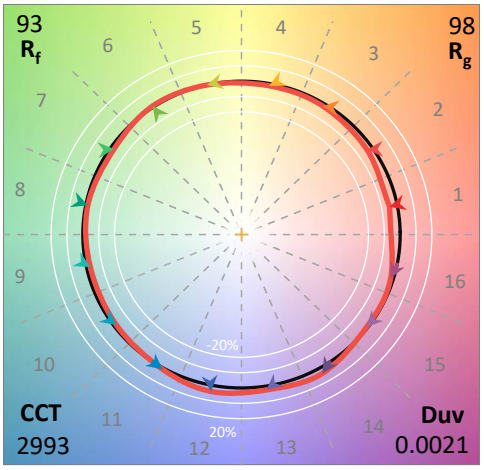
Test Information

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

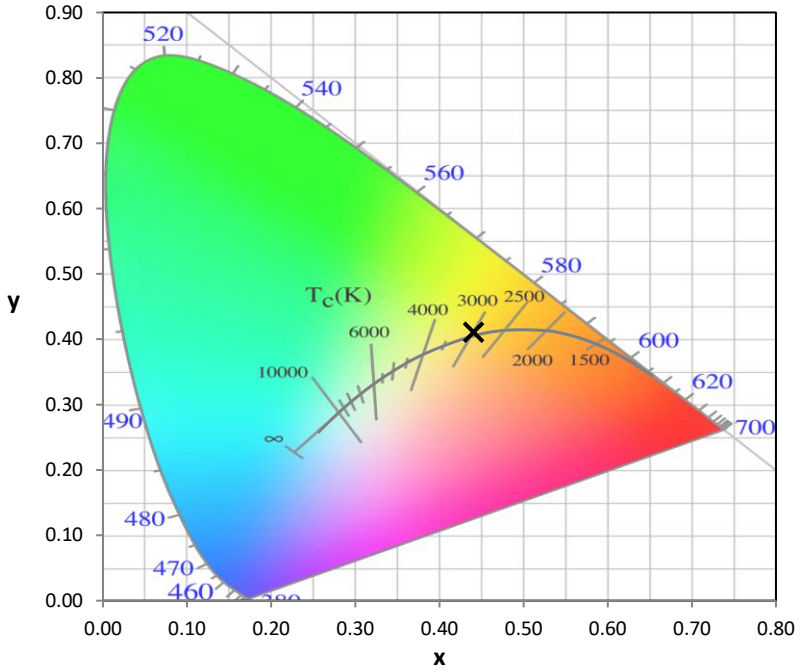
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

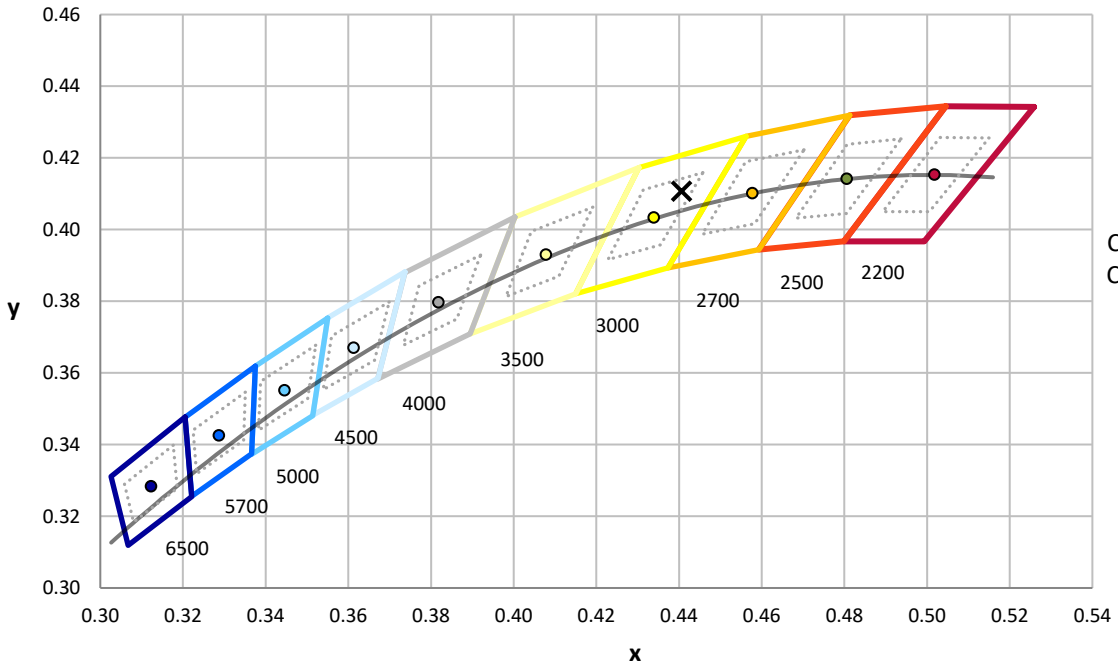
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

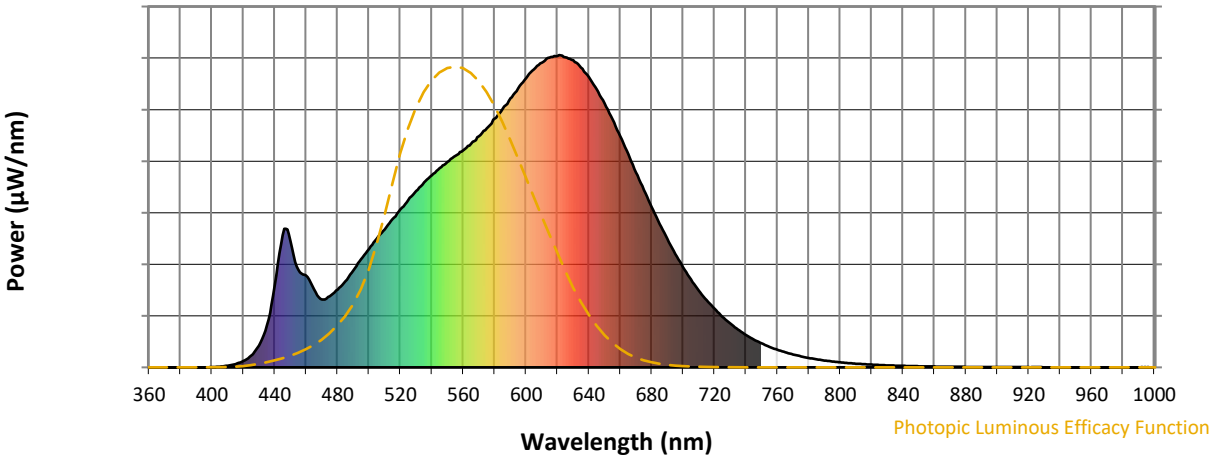


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

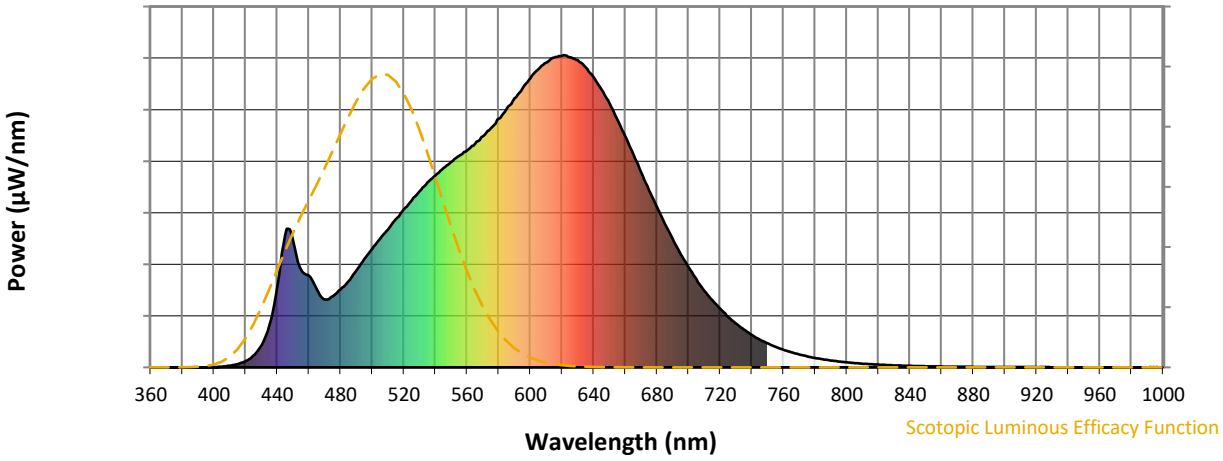


Photopic Lumens: NR

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

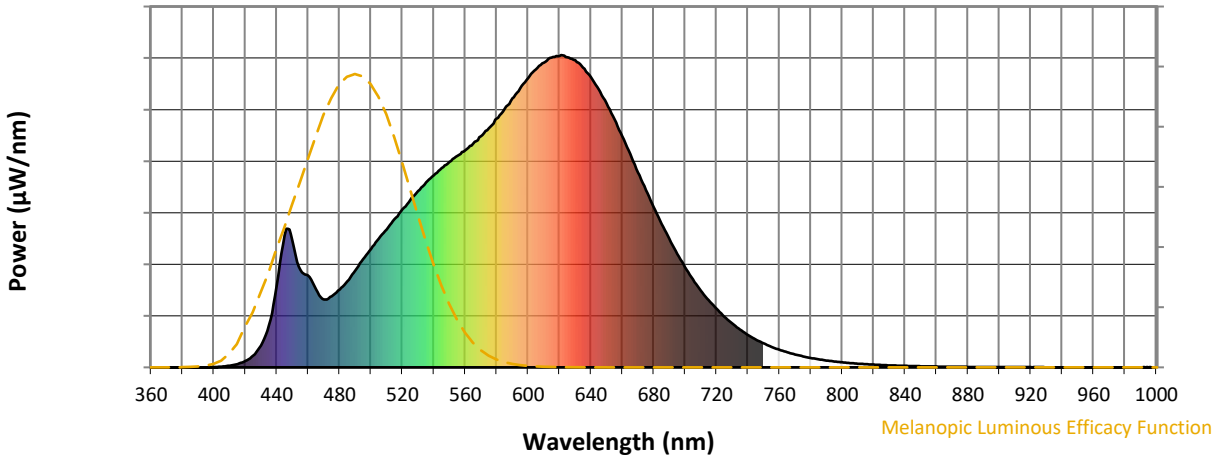


Scotopic Lumens: NR **S/P: 1.39**

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			

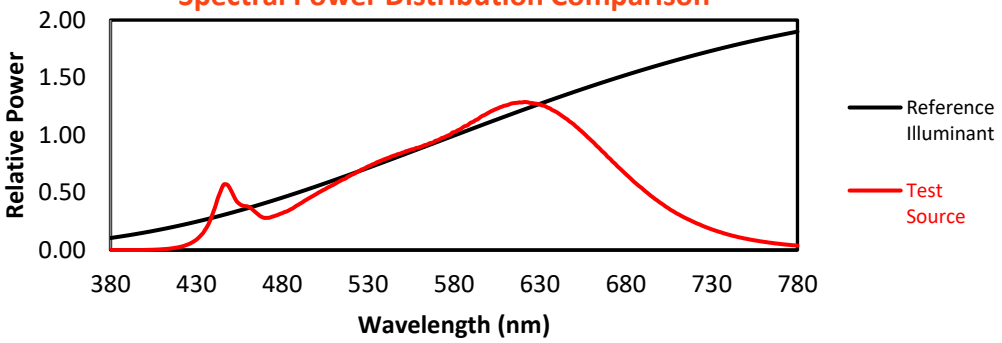
REPORT NUMBER: SP1-2407-184-14

TM-30-18

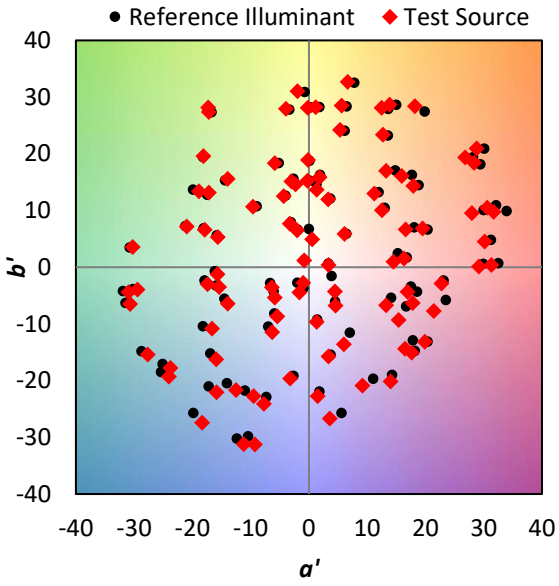
Summary

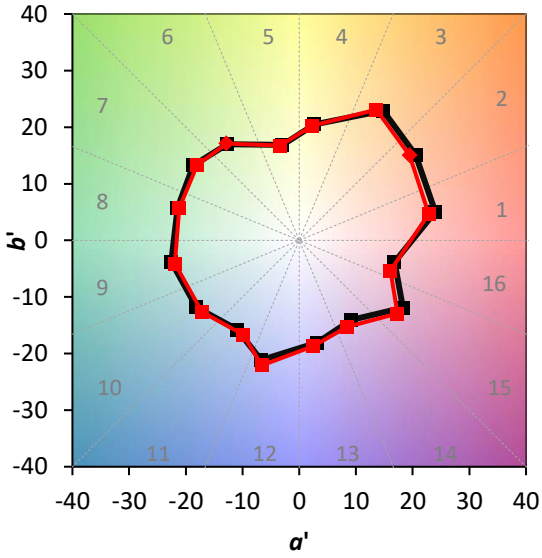
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

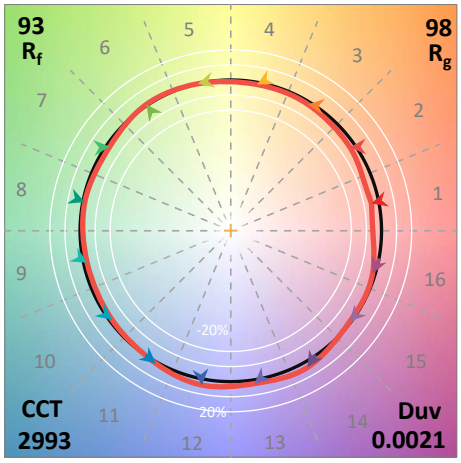
Spectral Power Distribution Comparison

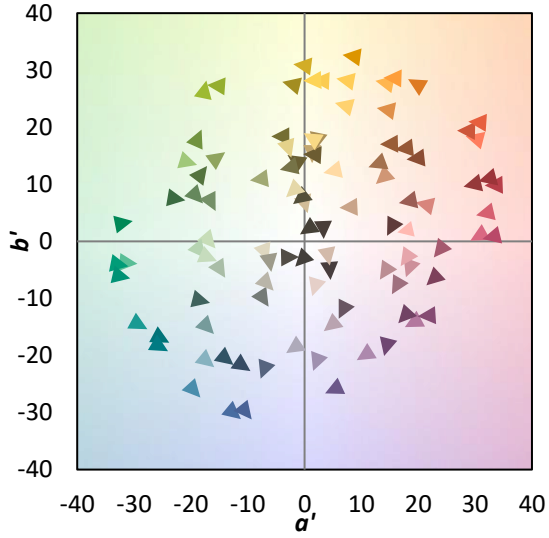


Color Vector Graphics







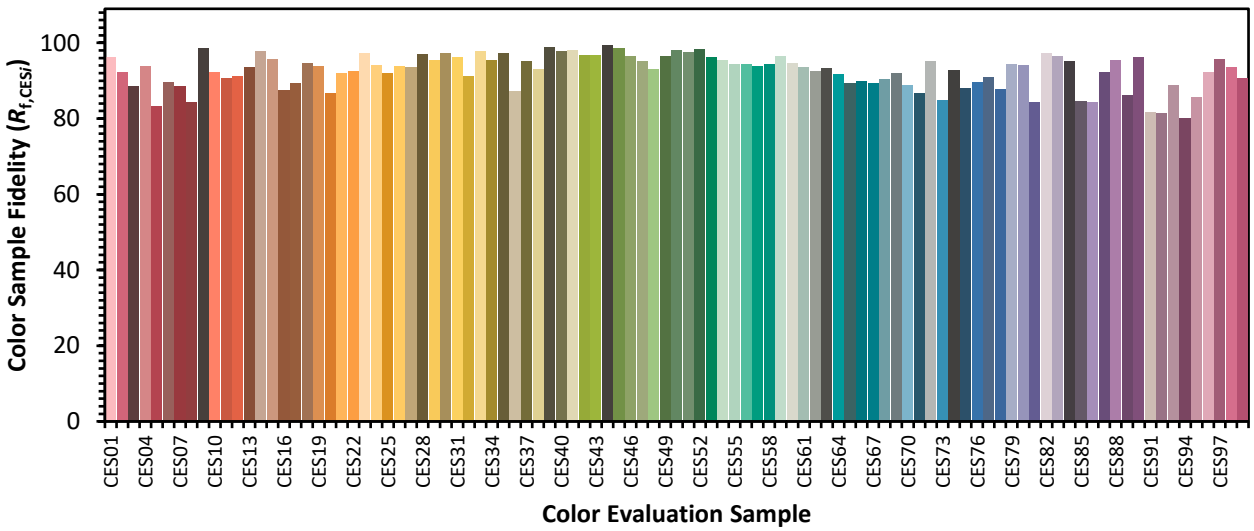


REPORT NUMBER: SP1-2407-184-14

TM-30-18

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

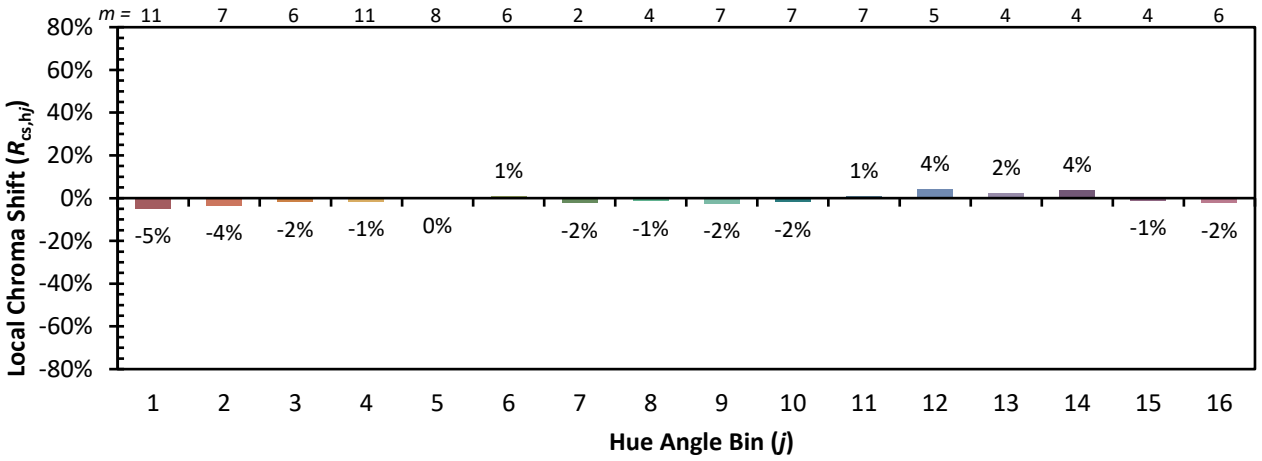
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82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

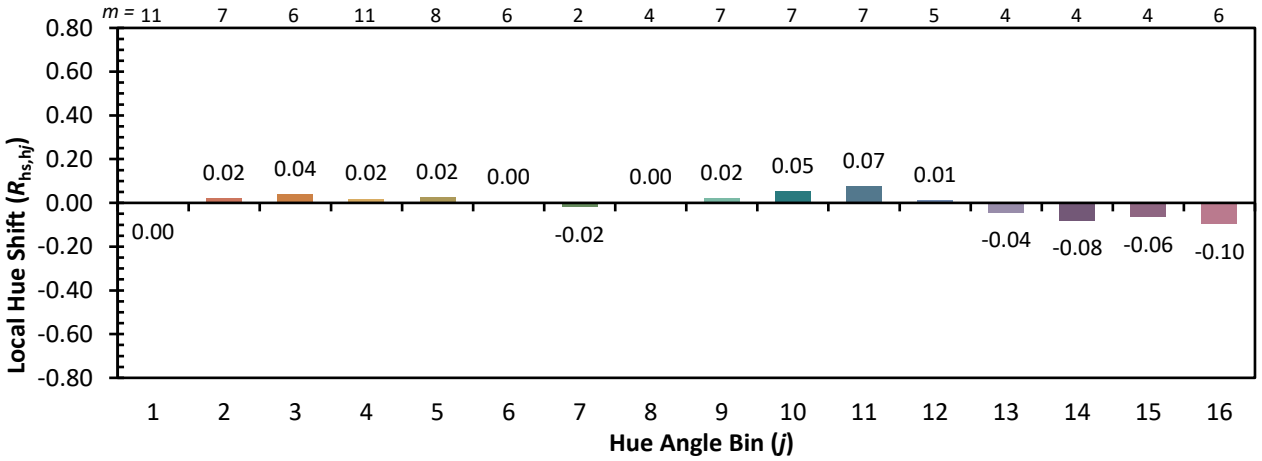


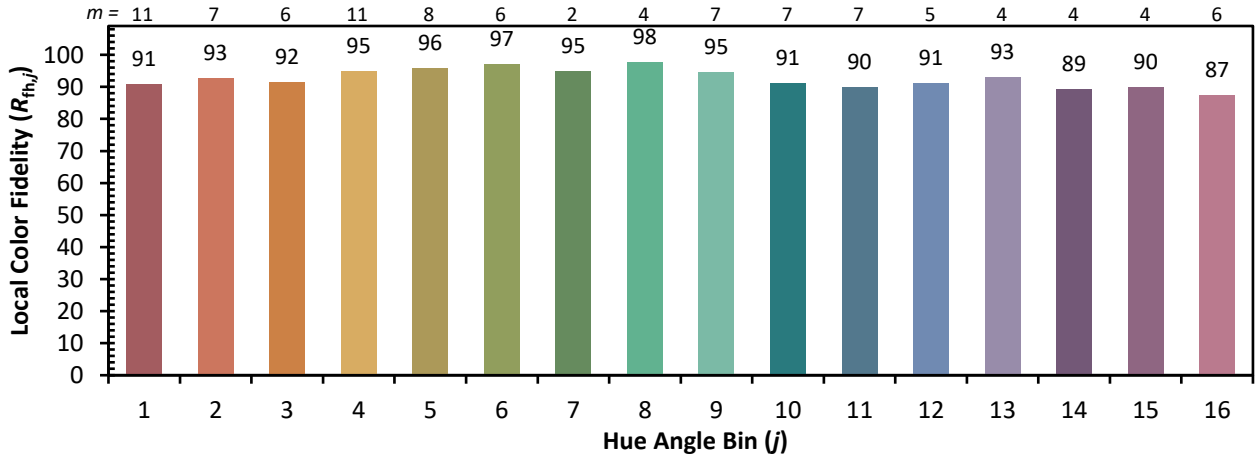
REPORT NUMBER: SP1-2407-184-14

TM-30-18

Color Rendition by Hue-Angle Bin



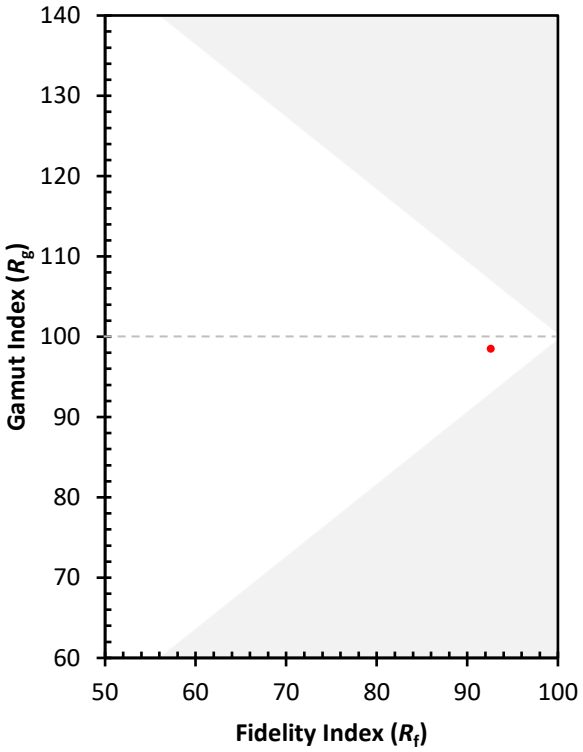


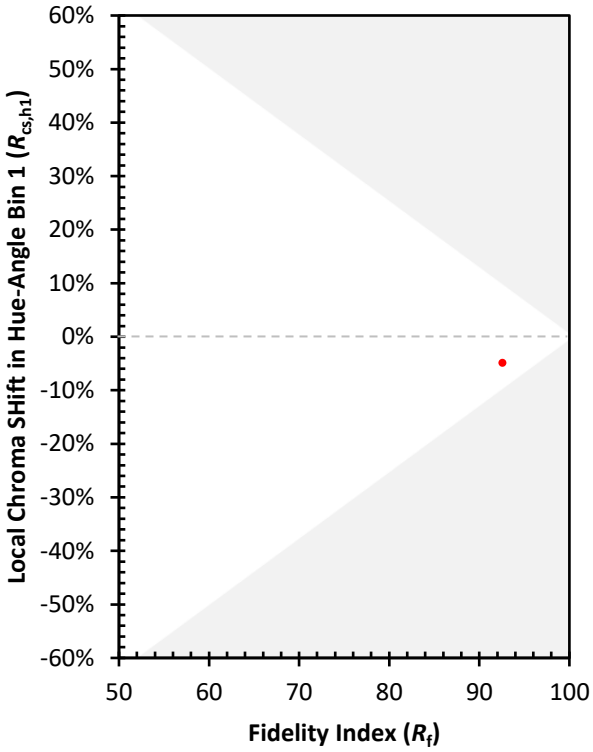


REPORT NUMBER: SP1-2407-184-14

TM-30-18

Measure Comparisons





(END OF REPORT)