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: P1048723

Luminaire Tested: **GALN-SA5C-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:	P1048723
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5C-930-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19394.2 lumens
Efficiency:	N/A
Efficacy:	82.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	236
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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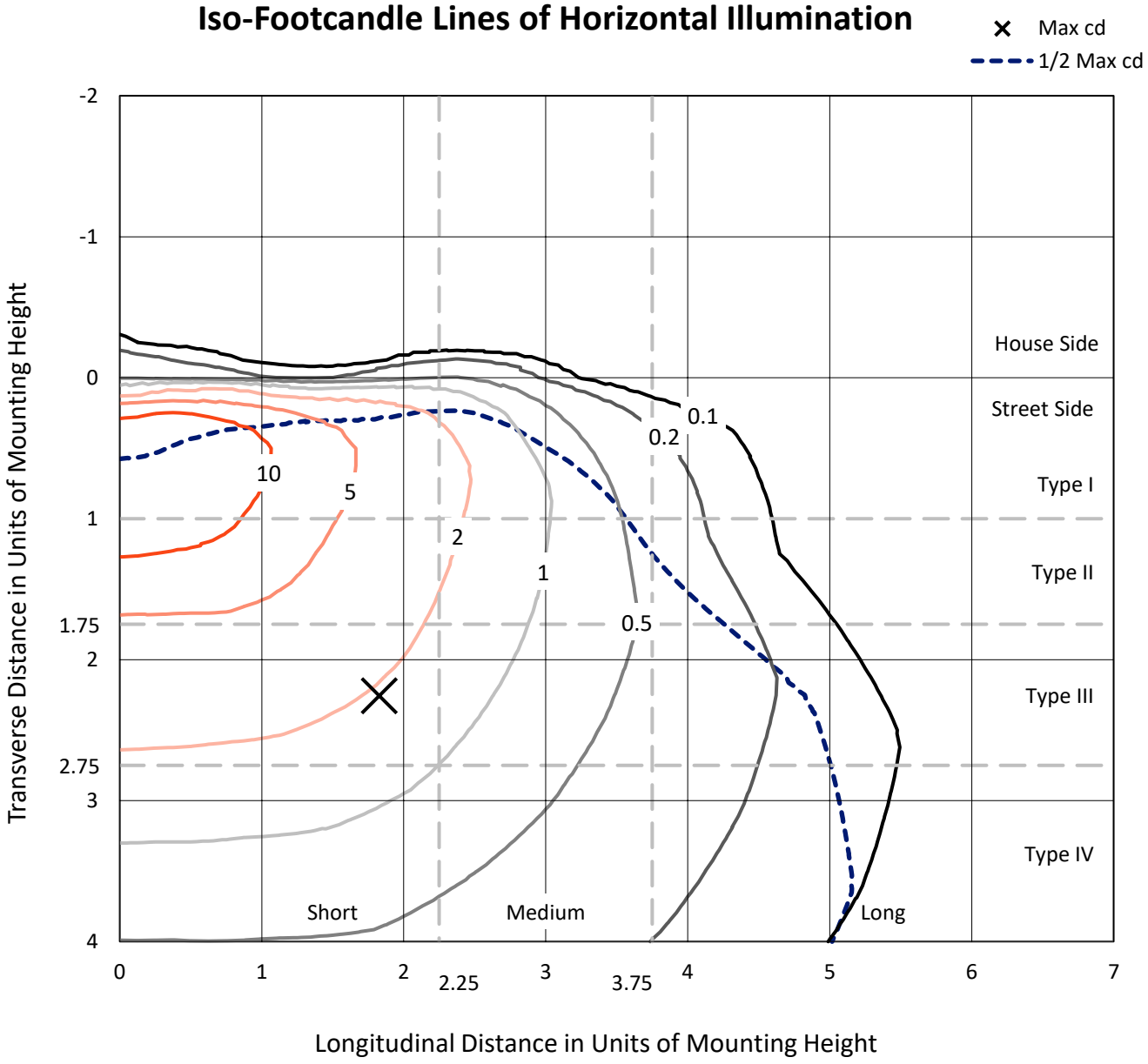
REPORT NUMBER: P1048723
CATALOG NUMBER: GALN-SA5C-930-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 19.9 fc
Type IV - Short - N/A

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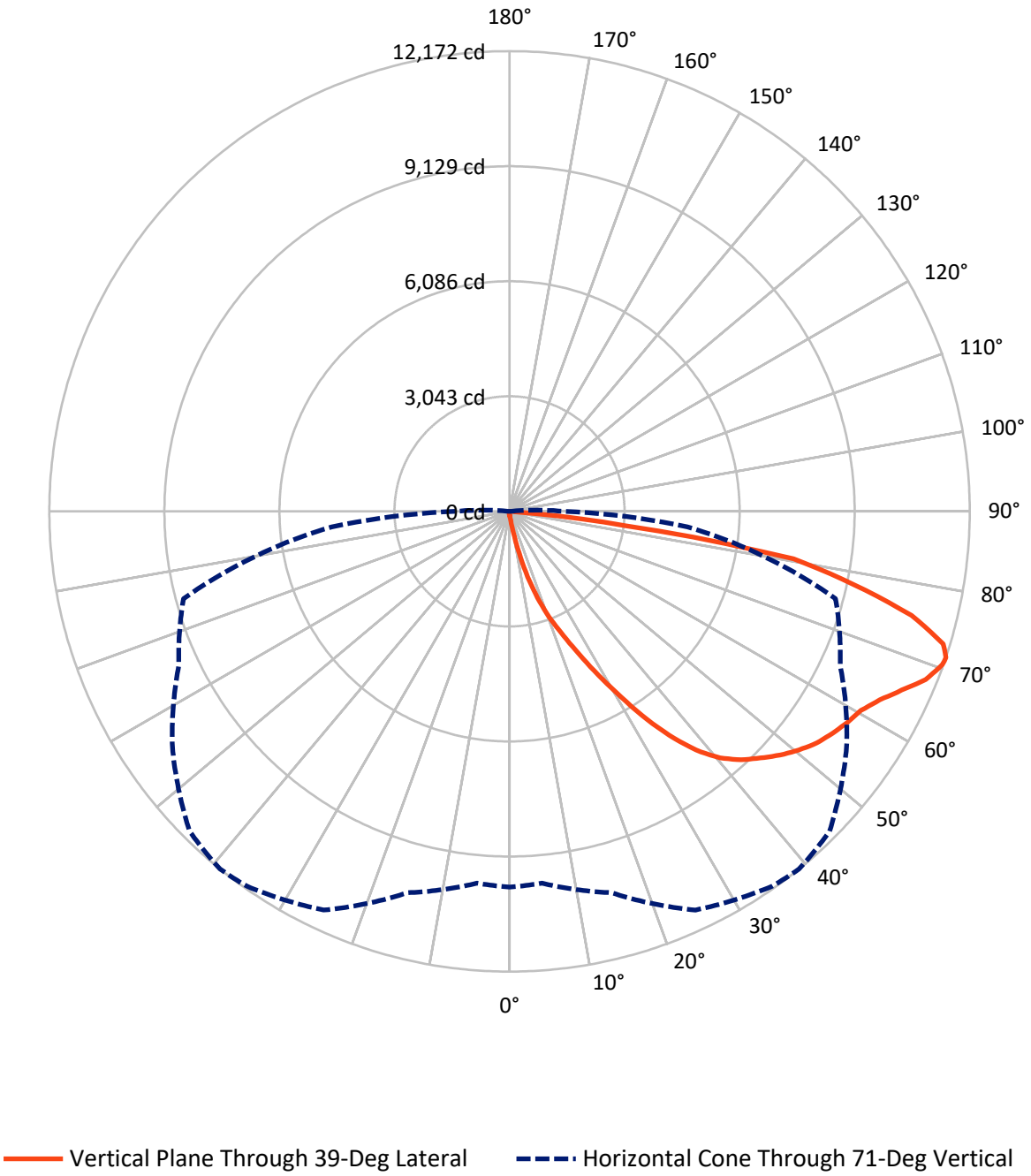
Luminous Intensity Polar Plot



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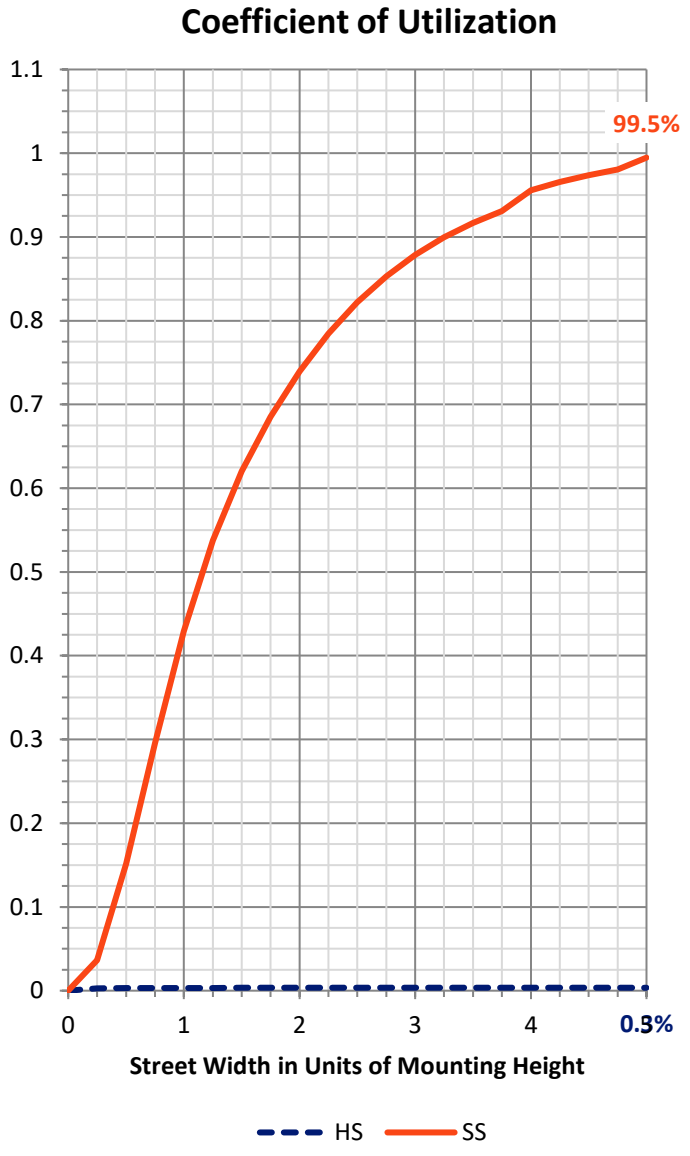
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	68.9	0.0	68.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19325.2	0.0	19325.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	19394.2	0.0	19394.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	207.3	1.1
20°-30°	738.2	3.8
30°-40°	1779.1	9.2
40°-50°	2977.5	15.4
50°-60°	3824.2	19.7
60°-70°	4839.6	25.0
70°-80°	4314.7	22.2
80°-90°	697.5	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°	19394.2	100.0
0°-180°	19394.2	100.0



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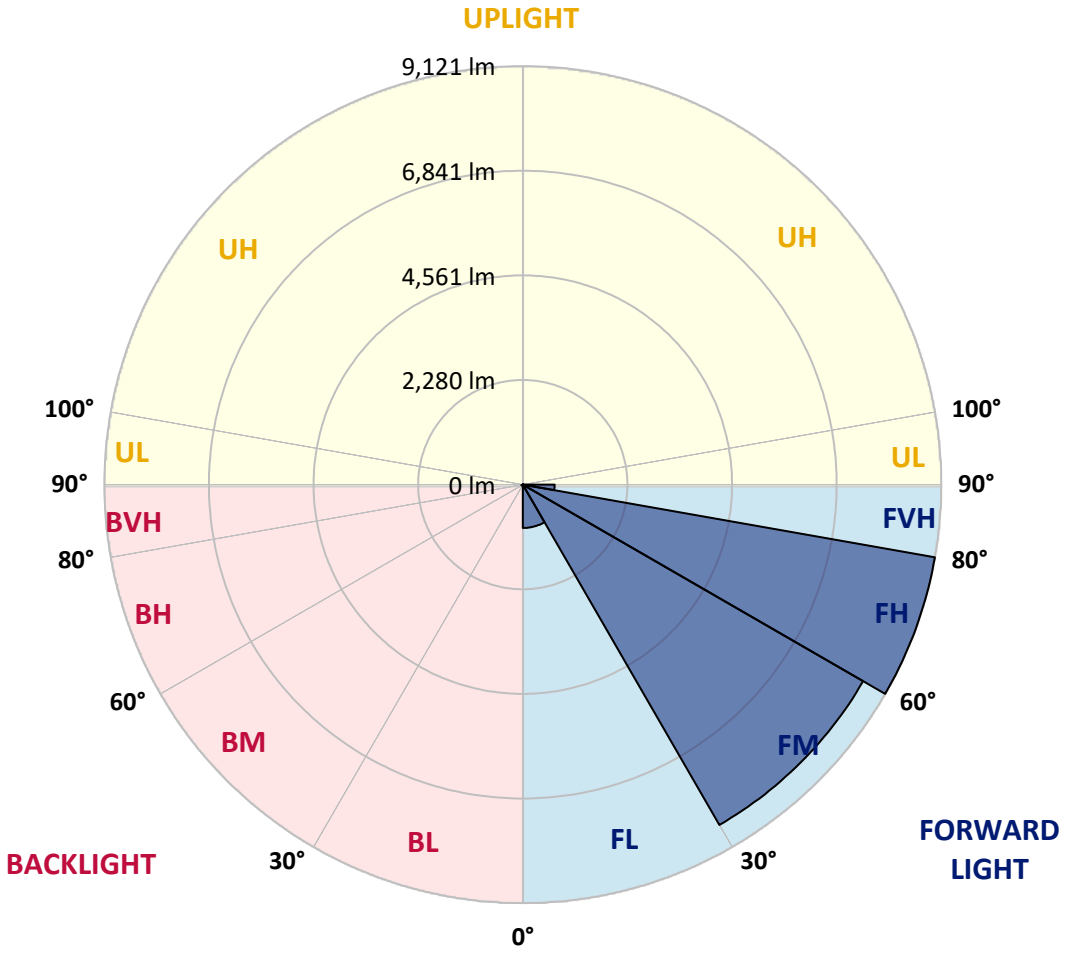
CATALOG NUMBER: GALN-SA5C-930-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	945.0	4.9			
FM	(30°-60°)	8564.8	44.2			
FH	(60°-80°)	9121.1	47.0			G4/12000
FVH	(80°-90°)	694.3	3.6			G4/750
BL	(0°-30°)	16.7	0.1	B0/110		
BM	(30°-60°)	15.9	0.1	B0/220		
BH	(60°-80°)	33.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	106.3	106.3	106.3	106.3	106.3	*106.3*	106.3	106.3	106.3	106.3	106.3
2.5°	122.1	122.1	122.1	118.2	118.2	*116.8*	115.5	115.5	112.9	111.6	109.0
5°	185.1	181.2	172.0	166.7	156.2	*149.7*	143.1	133.9	124.7	118.2	110.3
7.5°	418.8	428.0	397.8	341.3	283.6	*258.6*	216.6	174.6	144.4	124.7	111.6
10°	1067.4	1062.1	959.7	846.8	653.8	*576.4*	451.6	284.9	186.4	136.5	112.9
12.5°	1815.7	1810.5	1689.7	1536.1	1281.4	*1119.9*	883.6	531.7	267.8	154.9	112.9
15°	2444.6	2423.6	2385.5	2233.2	1935.2	*1800.0*	1487.5	940.0	433.3	186.4	115.5
17.5°	2860.8	2842.4	2806.9	2751.8	2562.7	*2402.6*	2151.8	1477.0	701.1	241.6	120.8
20°	3242.8	3229.7	3200.8	3190.3	3068.2	*2982.9*	2775.4	2094.0	1092.3	328.2	128.7
22.5°	3768.0	3740.4	3752.2	3689.2	3569.7	*3467.3*	3340.0	2740.0	1570.2	472.6	143.1
25°	4411.3	4398.2	4365.3	4320.7	4155.3	*4066.0*	3870.4	3349.2	2104.5	661.7	158.9
27.5°	5188.5	5174.1	5166.2	5063.8	4873.4	*4776.3*	4503.2	3924.2	2705.8	926.9	179.9
30°	6083.9	6090.5	6039.3	5908.0	5686.1	*5549.5*	5268.6	4526.8	3321.6	1238.0	202.2
32.5°	7010.8	6997.7	6918.9	6764.0	6565.7	*6438.4*	6081.3	5187.2	3967.5	1649.0	228.4
35°	8009.9	7984.9	7777.5	7600.3	7430.9	*7270.7*	6945.1	5953.9	4613.5	2109.8	263.9
37.5°	9018.2	8901.3	8485.2	8260.6	8143.8	*8012.5*	7709.2	6771.8	5255.5	2624.4	307.2
40°	9779.7	9689.1	9195.4	8781.9	8688.6	*8577.1*	8351.2	7478.2	5938.2	3177.2	359.7
42.5°	10201.1	10151.2	9707.4	9299.1	9079.9	*8981.4*	8788.4	8095.2	6613.0	3787.7	435.9
45°	10381.0	10303.5	10006.8	9816.4	9467.2	*9304.4*	9074.6	8561.3	7318.0	4480.9	542.2
47.5°	10325.8	10281.2	10068.5	10138.1	9884.7	*9631.3*	9293.9	8918.4	7920.6	5276.5	687.9
50°	9979.2	9941.1	9875.5	10252.3	10220.8	*9921.4*	9577.5	9200.7	8412.9	6097.0	913.8
52.5°	9320.1	9304.4	9472.4	10163.0	10411.1	*10177.5*	9850.5	9450.1	8872.5	6954.3	1236.7
55°	8470.7	8535.0	9015.6	10023.8	10508.3	*10366.5*	10092.1	9683.8	9241.4	7721.1	1713.3
57.5°	8121.5	8138.6	8738.5	9925.4	10551.6	*10533.2*	10327.1	9907.0	9580.1	8334.2	2440.6
60°	8529.8	8503.5	8819.9	10000.2	10638.3	*10682.9*	10535.9	10114.4	9874.2	8860.6	3409.6
62.5°	9267.6	9253.2	9354.3	10319.2	10891.7	*10982.3*	10826.0	10264.1	10134.1	9207.2	4515.0
65°	9926.7	9896.5	10084.2	10885.1	11336.7	*11401.1*	11264.5	10520.1	10248.4	9459.3	5553.5
67.5°	10211.6	10205.0	10507.0	11423.4	11804.1	*11873.7*	11754.2	10873.3	10222.1	9539.4	6011.7
70°	10081.6	10056.7	10539.8	11651.8	12068.0	*12146.8*	12031.2	11004.6	9937.2	9286.0	5332.9
71°	*9938.5*	*9871.6*	*10441.3*	*11636.1*	*12104.8*	*12171.7*	*11969.5*	*10885.1*	*9651.0*	*8926.3*	*4717.2*
72.5°	9494.8	9506.6	10170.9	11472.0	12016.8	*11997.1*	11620.3	10457.1	9305.7	8109.7	3789.0
75°	8402.4	8472.0	9295.2	10782.7	11231.7	*10980.9*	10404.6	9639.2	8612.5	5814.8	2631.0
77.5°	6866.4	6970.1	7874.7	9456.7	9329.3	*9304.4*	9280.8	8493.0	7354.8	3123.3	1830.2
80°	3278.3	3502.8	4750.0	6750.8	7333.8	*7616.0*	7438.8	6844.1	5687.4	1487.5	1093.6
82.5°	214.0	211.4	299.3	567.2	2390.8	*3090.5*	4910.2	4891.8	3964.9	724.7	446.4
85°	101.1	103.7	114.2	130.0	151.0	*165.4*	228.4	1339.1	1897.1	345.3	97.2
87.5°	59.1	60.4	70.9	90.6	118.2	*131.3*	156.2	200.9	246.8	190.4	21.0
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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CATALOG NUMBER: GALN-SA5C-930-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3	106.3
2.5°	107.7	106.3	102.4	98.5	94.5	91.9	90.6	91.9	91.9	93.2	93.2
5°	107.7	103.7	97.2	89.3	84.0	78.8	76.1	74.8	76.1	76.1	76.1
7.5°	106.3	99.8	90.6	81.4	74.8	68.3	65.6	64.3	64.3	65.6	65.6
10°	103.7	97.2	85.3	74.8	67.0	59.1	55.1	51.2	51.2	51.2	52.5
12.5°	102.4	93.2	78.8	68.3	57.8	48.6	40.7	36.8	38.1	38.1	38.1
15°	99.8	89.3	74.8	61.7	48.6	36.8	30.2	26.3	27.6	28.9	27.6
17.5°	99.8	88.0	69.6	53.8	38.1	27.6	22.3	19.7	19.7	21.0	21.0
20°	99.8	85.3	65.6	46.0	28.9	21.0	15.8	14.4	14.4	17.1	18.4
22.5°	102.4	85.3	60.4	38.1	23.6	15.8	11.8	10.5	11.8	14.4	15.8
25°	106.3	84.0	55.1	34.1	19.7	11.8	9.2	6.6	7.9	10.5	11.8
27.5°	110.3	82.7	49.9	30.2	15.8	9.2	6.6	5.3	3.9	5.3	5.3
30°	114.2	82.7	44.6	24.9	13.1	6.6	3.9	2.6	1.3	0.0	0.0
32.5°	116.8	80.1	40.7	19.7	10.5	5.3	2.6	1.3	0.0	0.0	0.0
35°	119.5	77.5	35.4	15.8	7.9	3.9	1.3	0.0	0.0	0.0	0.0
37.5°	122.1	73.5	30.2	13.1	6.6	2.6	0.0	0.0	0.0	0.0	0.0
40°	124.7	68.3	24.9	11.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	127.3	64.3	21.0	9.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	133.9	61.7	17.1	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	145.7	59.1	15.8	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	162.8	56.5	14.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	186.4	55.1	13.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	228.4	53.8	11.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	300.6	52.5	11.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	460.8	49.9	11.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	823.2	48.6	10.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1435.0	49.9	10.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2057.3	52.5	9.2	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	1760.6	46.0	9.2	5.3	2.6	1.3	0.0	0.0	0.0	0.0	0.0
71°	*1435.0*	*40.7*	*9.2*	*5.3*	*2.6*	*1.3*	*1.3*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	923.0	31.5	7.9	5.3	2.6	2.6	1.3	0.0	0.0	0.0	0.0
75°	389.9	26.3	7.9	5.3	3.9	2.6	2.6	1.3	0.0	0.0	0.0
77.5°	166.7	19.7	7.9	6.6	5.3	3.9	3.9	2.6	1.3	0.0	0.0
80°	63.0	15.8	9.2	7.9	6.6	6.6	5.3	2.6	1.3	0.0	0.0
82.5°	28.9	13.1	9.2	7.9	7.9	6.6	5.3	3.9	2.6	0.0	0.0
85°	18.4	11.8	9.2	7.9	7.9	6.6	6.6	3.9	2.6	0.0	0.0
87.5°	14.4	11.8	9.2	9.2	7.9	7.9	5.3	3.9	1.3	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

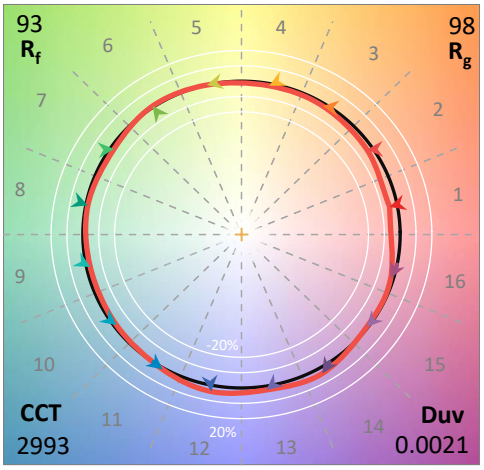
Test Information

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

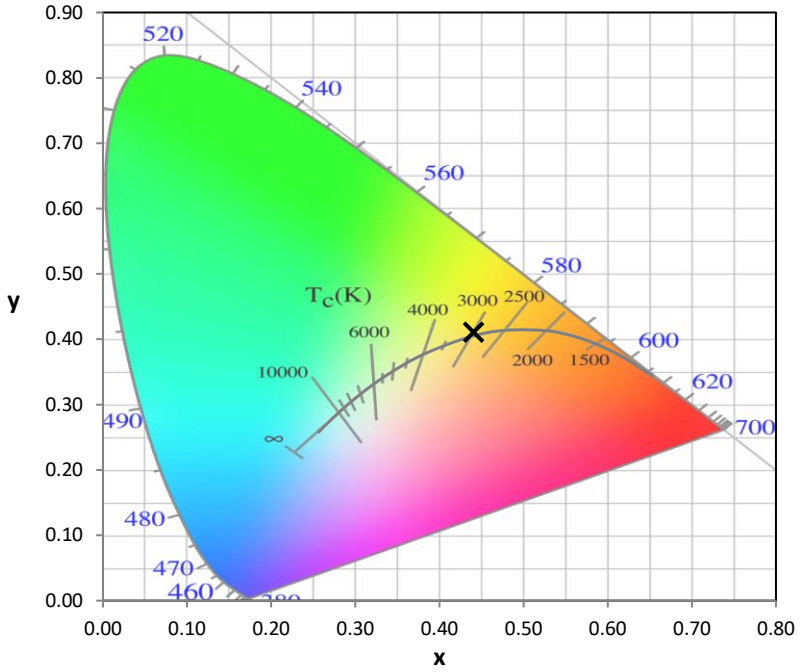
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

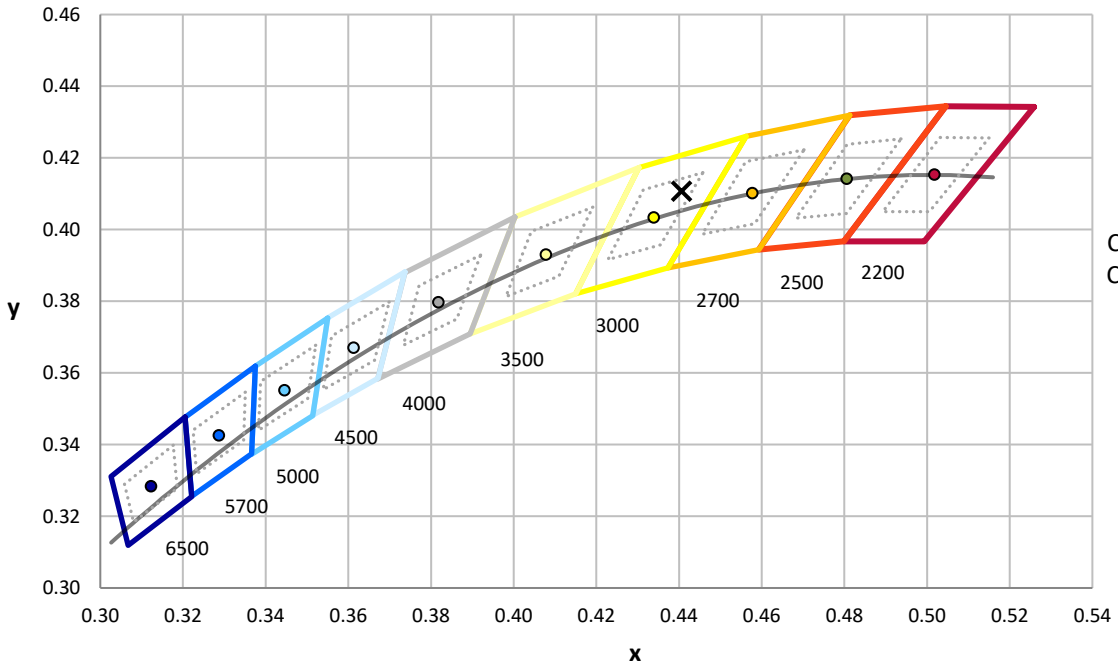
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

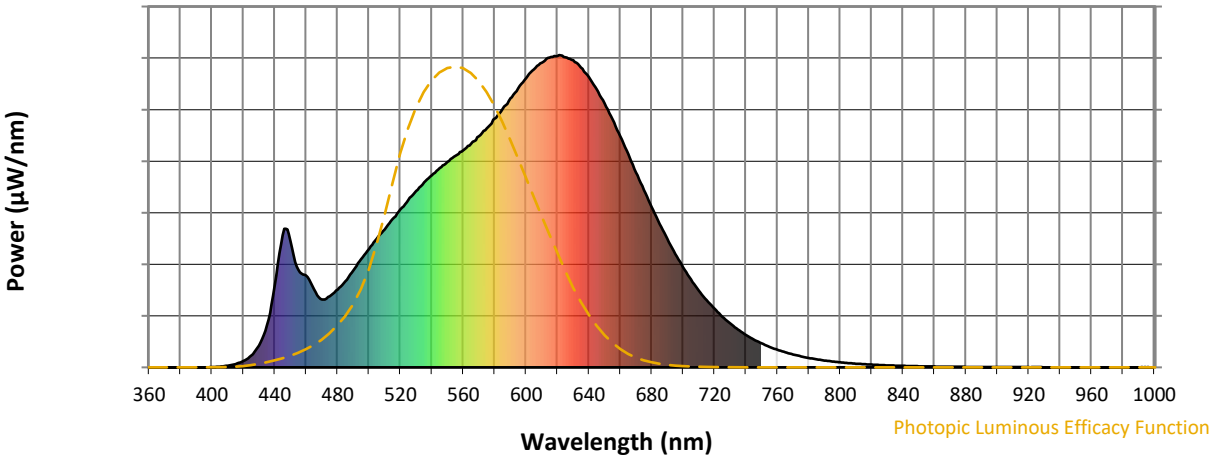


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

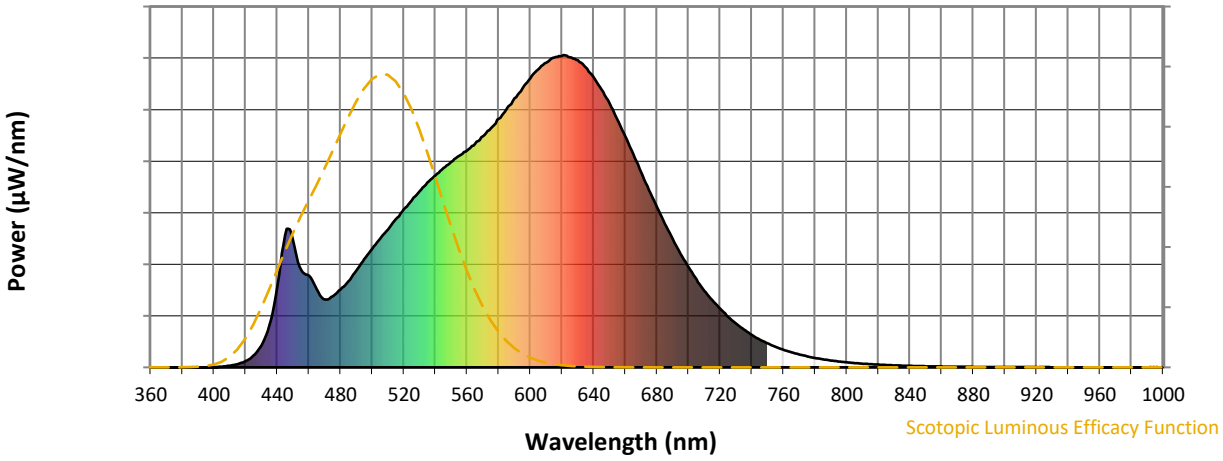


Photopic Lumens: NR

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

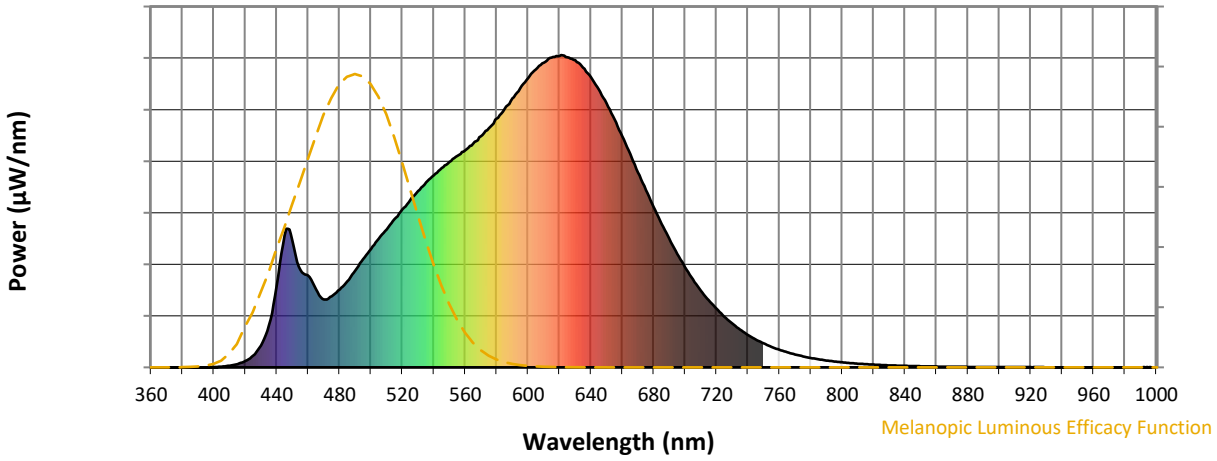


Scotopic Lumens: NR **S/P: 1.39**

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			

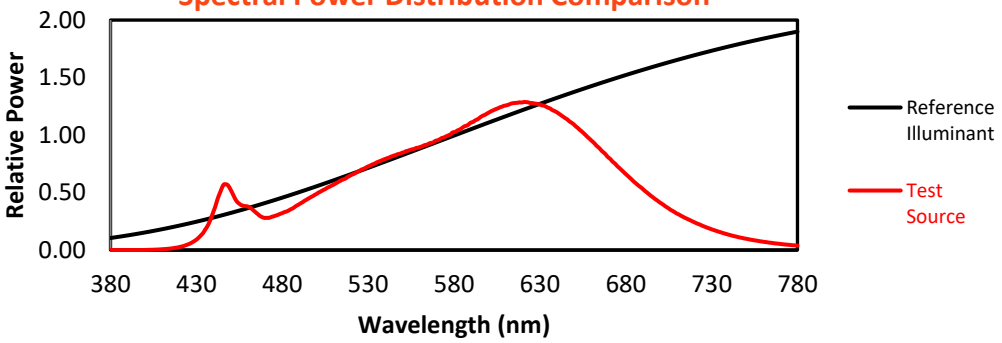
REPORT NUMBER: SP1-2407-184-14

TM-30-18

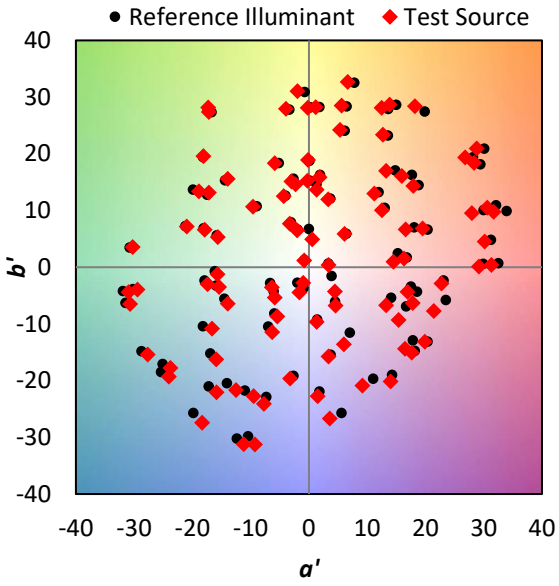
Summary

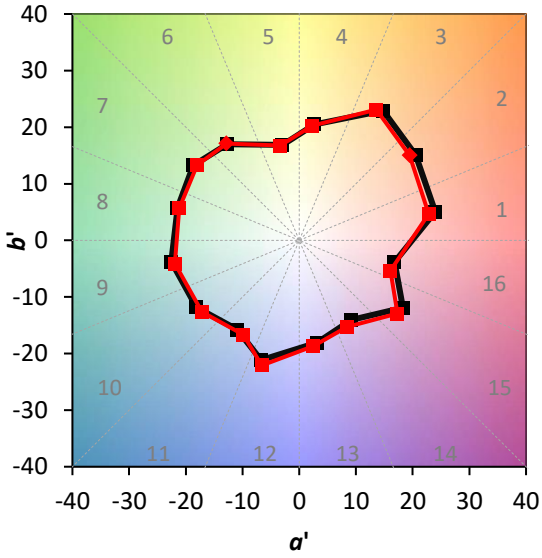
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

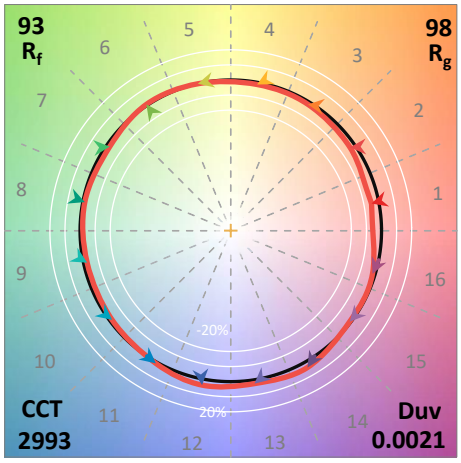
Spectral Power Distribution Comparison

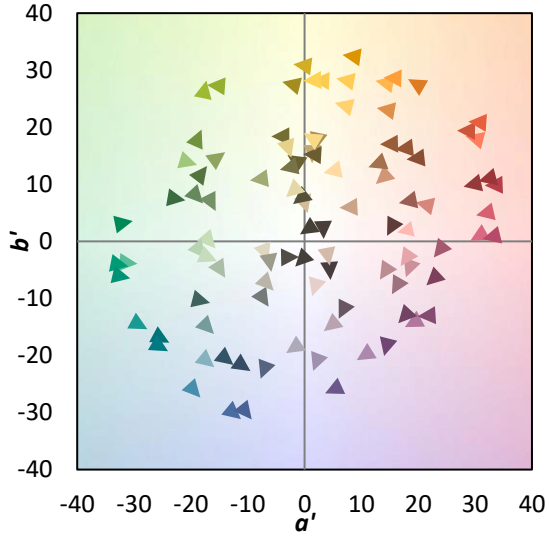


Color Vector Graphics







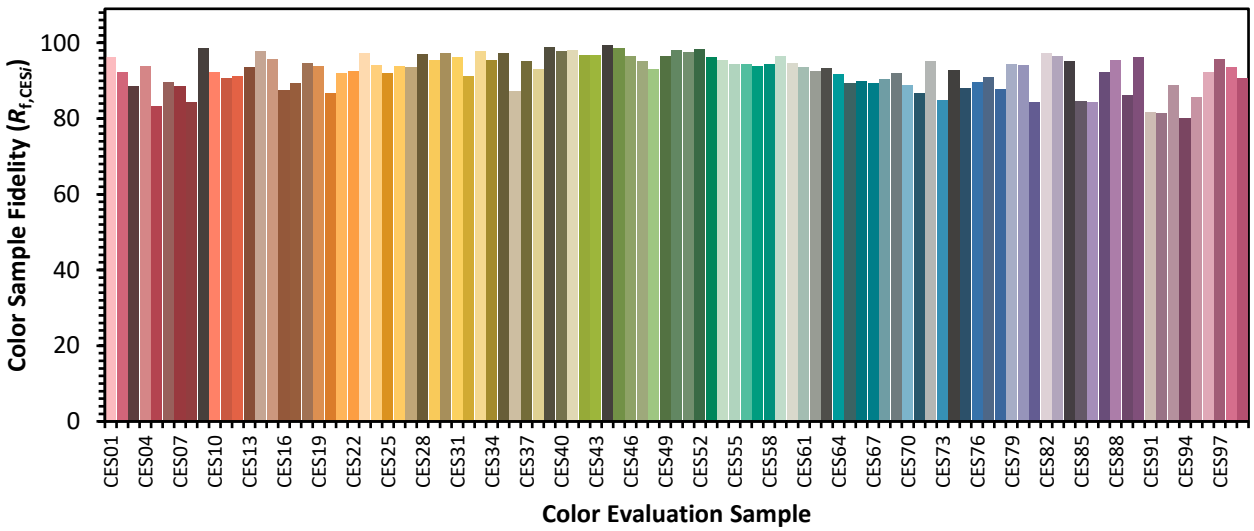


REPORT NUMBER: SP1-2407-184-14

TM-30-18

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

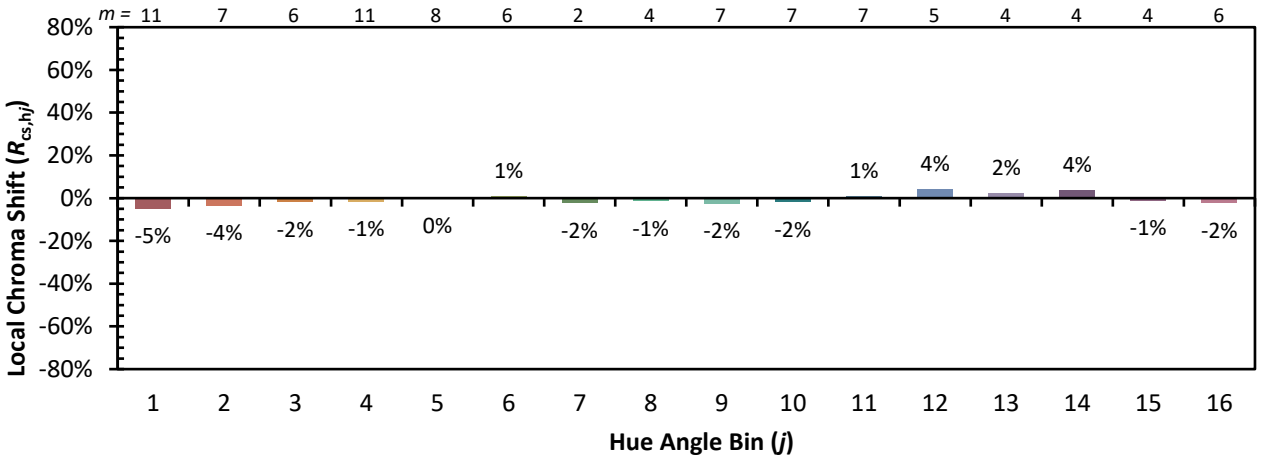
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82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

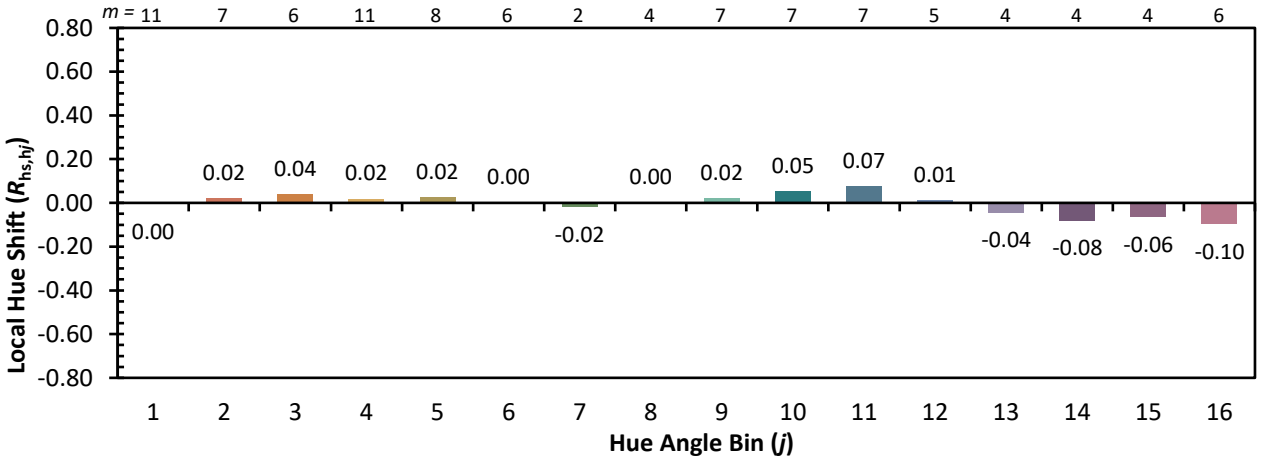


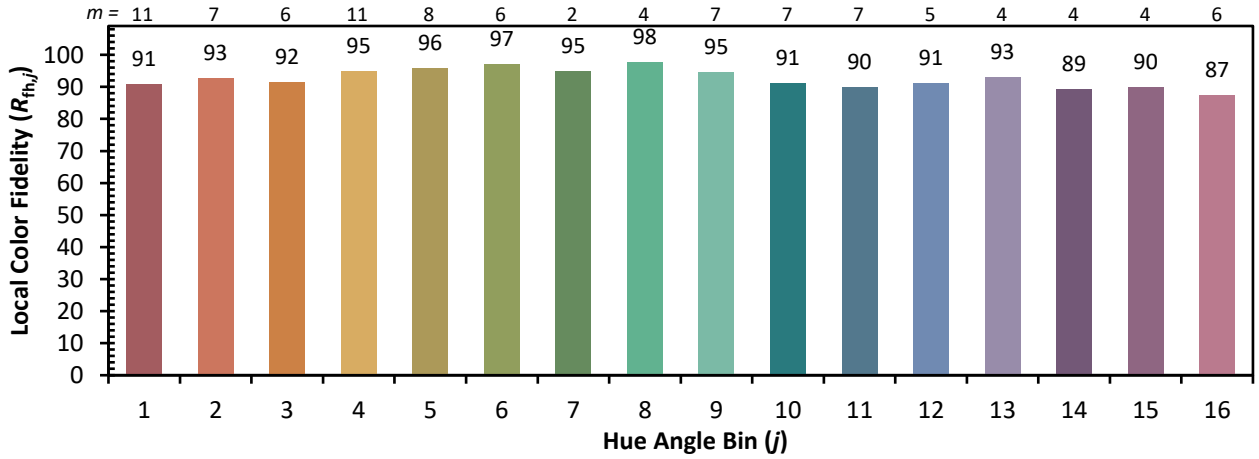
REPORT NUMBER: SP1-2407-184-14

TM-30-18

Color Rendition by Hue-Angle Bin



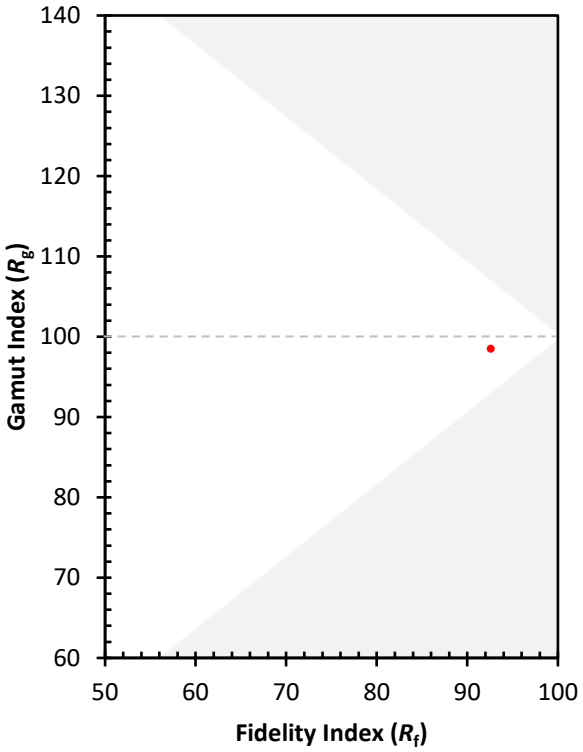


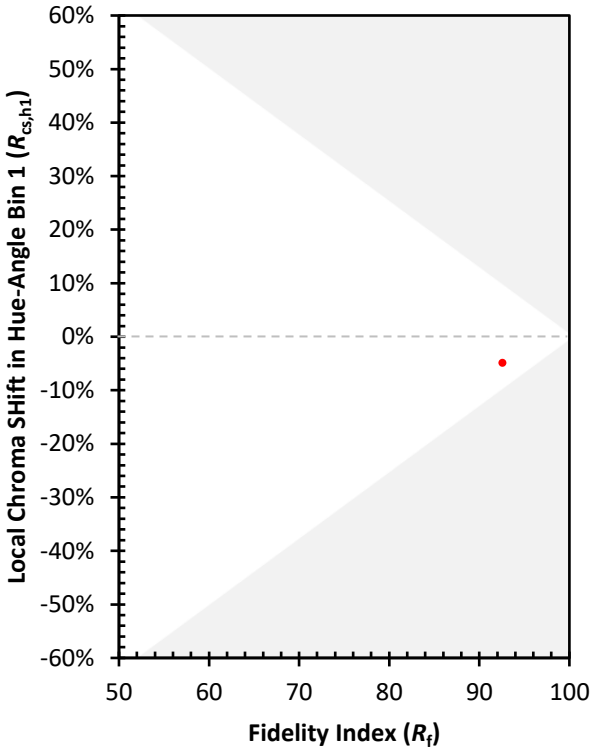


REPORT NUMBER: SP1-2407-184-14

TM-30-18

Measure Comparisons





(END OF REPORT)