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: P1047421

Luminaire Tested: **GALN-SA4A-850-U-T3BC**

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:	P1047421
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA4A-850-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(56) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13922.5 lumens
Efficiency:	N/A
Efficacy:	129.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	107.4
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

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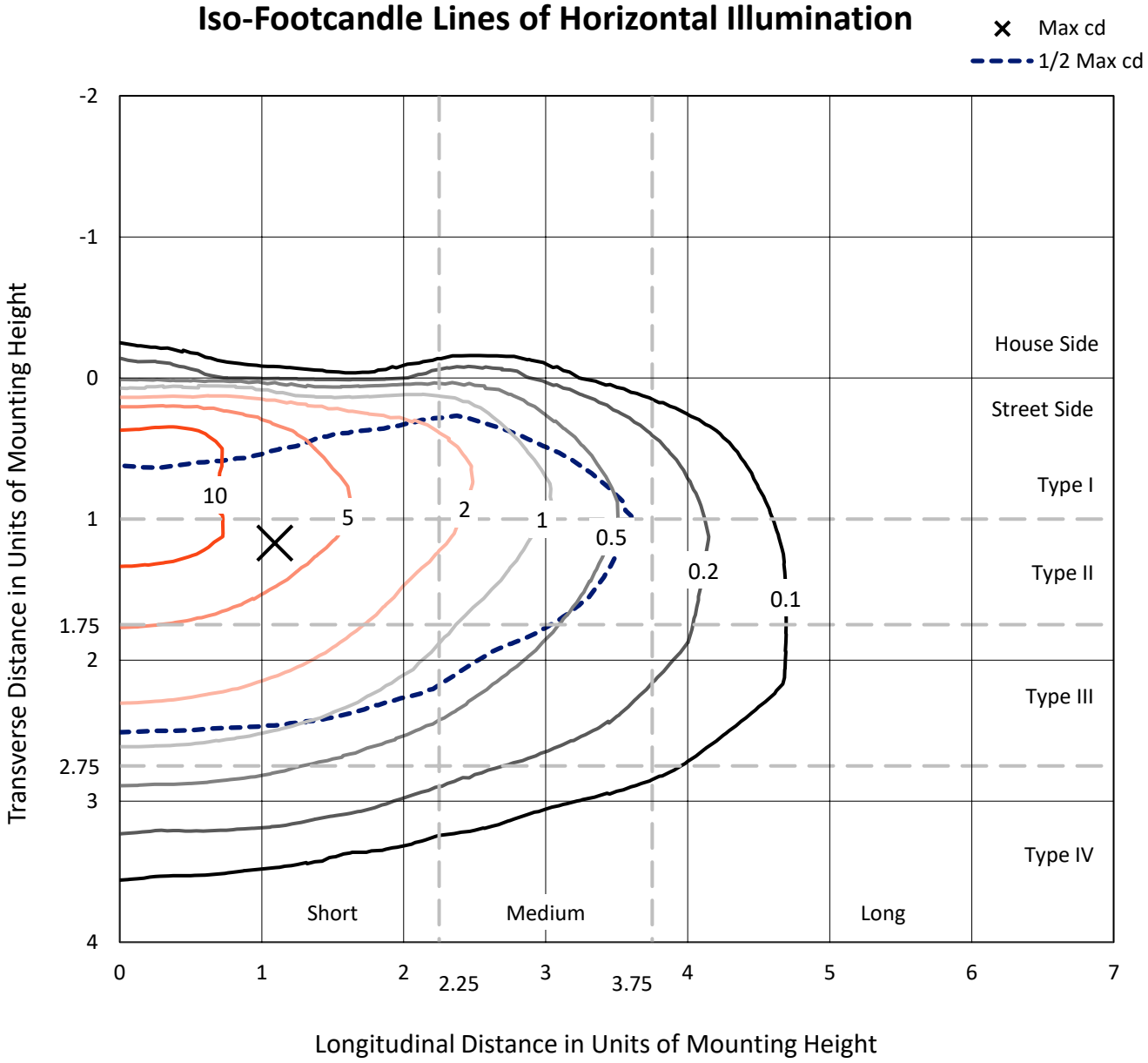
REPORT NUMBER: P1047421
CATALOG NUMBER: GALN-SA4A-850-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 15.6 fc
Type III - Short - N/A

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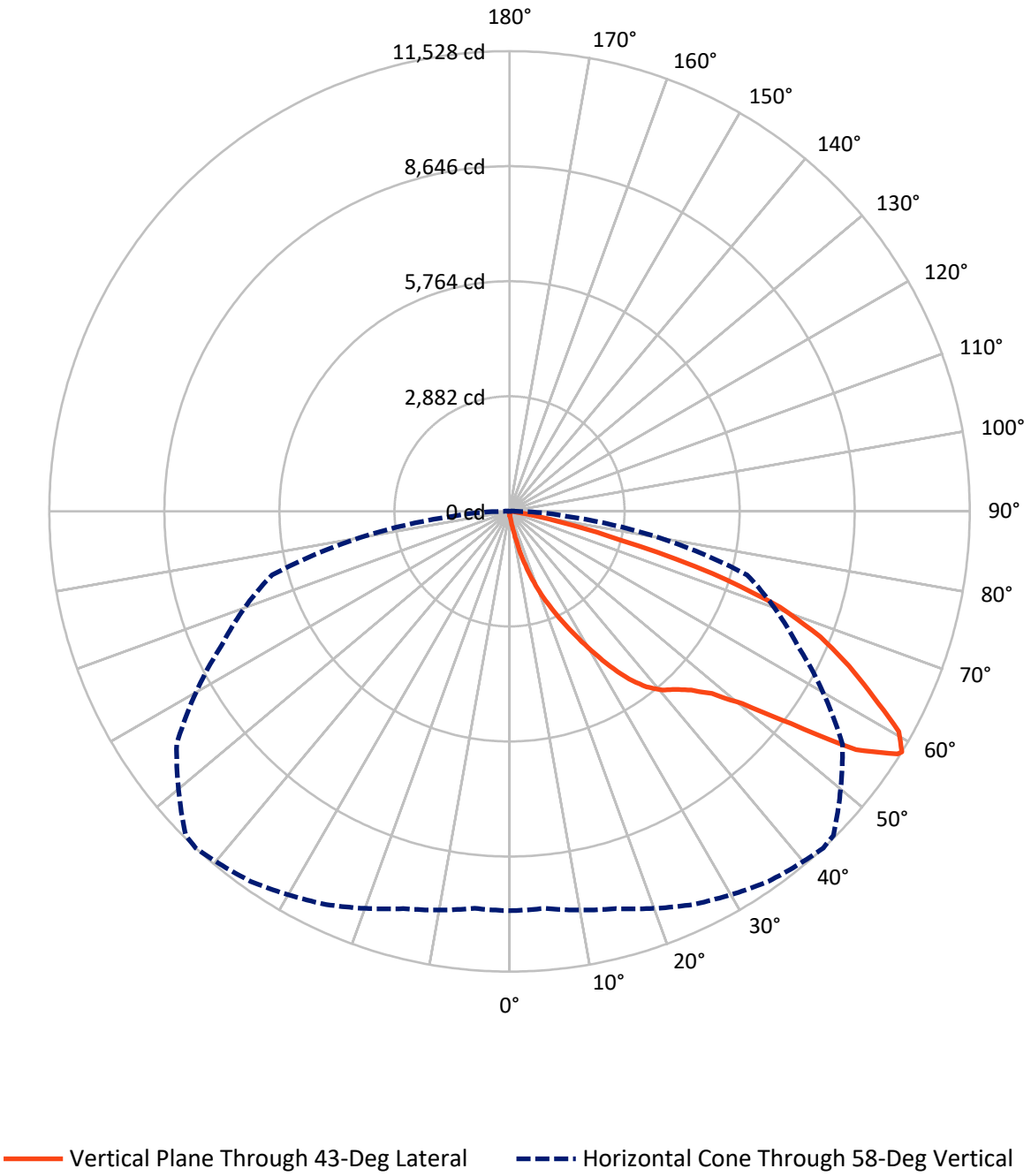
Luminous Intensity Polar Plot



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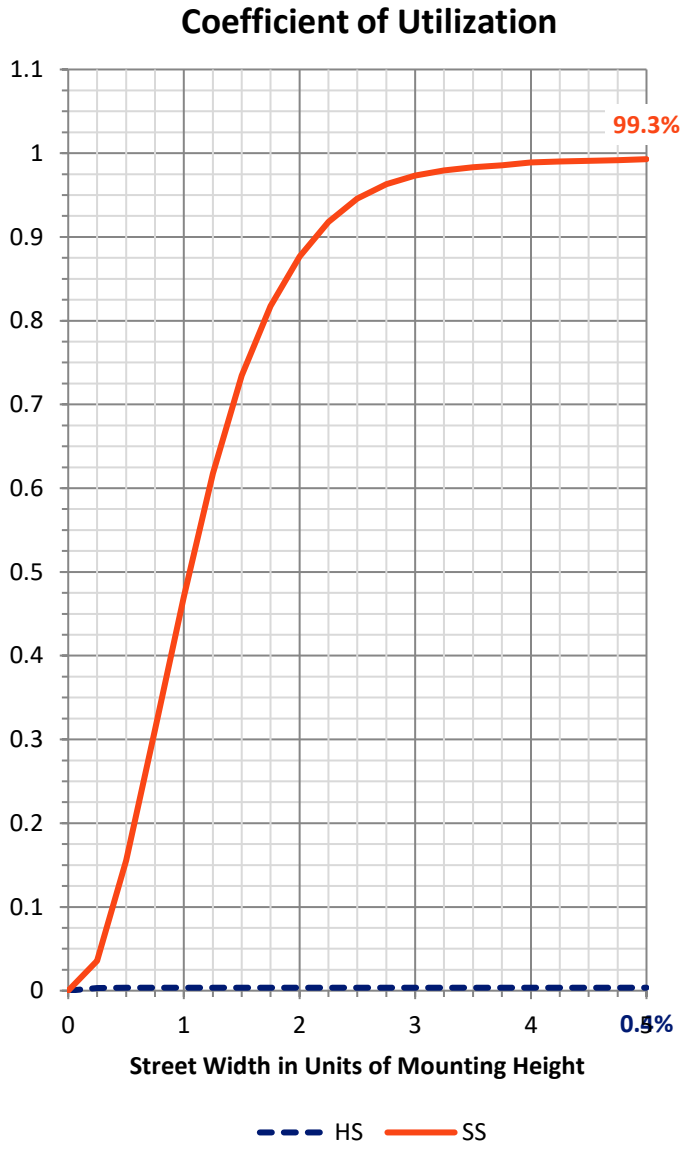
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.8	0.0	50.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13871.7	0.0	13871.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	13922.5	0.0	13922.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.3	0.1
10°-20°	160.0	1.1
20°-30°	576.8	4.1
30°-40°	1319.8	9.5
40°-50°	2225.9	16.0
50°-60°	3673.3	26.4
60°-70°	4105.4	29.5
70°-80°	1695.1	12.2
80°-90°	152.8	1.1
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°	13922.5	100.0
0°-180°	13922.5	100.0



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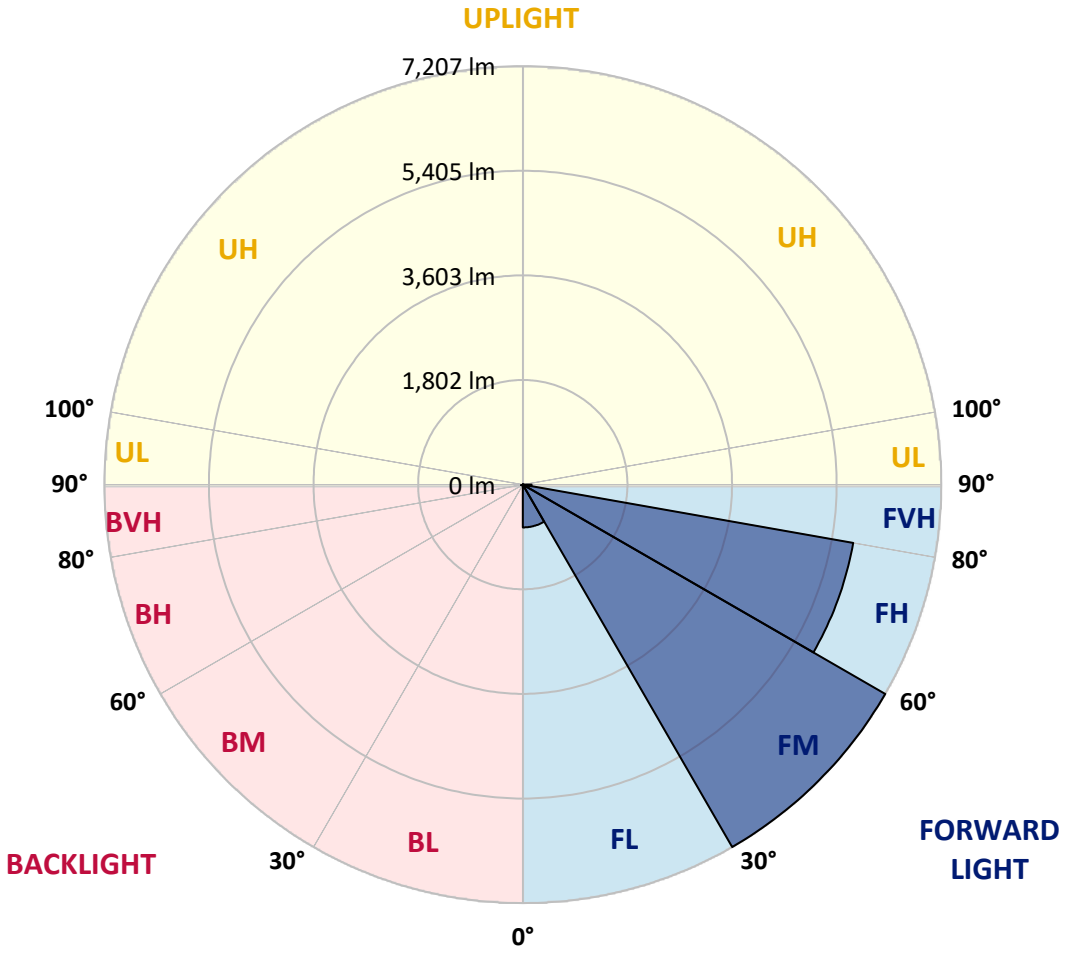
CATALOG NUMBER: GALN-SA4A-850-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	736.9	5.3			
FM	(30°-60°)	7206.8	51.8			
FH	(60°-80°)	5777.2	41.5			G3/7500
FVH	(80°-90°)	150.7	1.1			G2/225
BL	(0°-30°)	13.3	0.1	B0/110		
BM	(30°-60°)	12.2	0.1	B0/220		
BH	(60°-80°)	23.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G3
Type III Short



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REPORT NUMBER: P1047421
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	91.0	91.0	91.0	91.0	91.0	*91.0*	91.0	91.0	91.0	91.0	91.0
2.5°	109.2	112.9	109.2	109.2	109.2	*105.6*	105.6	102.0	102.0	98.3	94.7
5°	160.2	160.2	149.3	142.0	134.7	*131.1*	127.4	120.2	112.9	105.6	98.3
7.5°	356.8	356.8	324.1	280.4	222.1	*189.3*	182.1	149.3	127.4	112.9	98.3
10°	852.1	852.1	779.2	659.1	509.8	*378.7*	338.6	214.8	152.9	120.2	102.0
12.5°	1416.5	1434.7	1343.6	1190.7	968.6	*739.2*	659.1	393.3	203.9	131.1	102.0
15°	1922.6	1878.9	1853.4	1707.8	1496.6	*1223.5*	1121.5	662.7	294.9	149.3	102.0
17.5°	2264.9	2264.9	2228.5	2130.2	1937.2	*1696.9*	1613.1	1070.5	477.0	171.1	105.6
20°	2665.4	2665.4	2599.9	2530.7	2359.6	*2155.7*	2075.5	1522.1	739.2	218.5	105.6
22.5°	3149.7	3157.0	3084.2	2960.4	2796.5	*2570.8*	2501.6	1940.8	1070.5	291.3	109.2
25°	3739.6	3746.9	3641.3	3524.8	3273.5	*3029.6*	2924.0	2421.5	1474.7	407.8	109.2
27.5°	4391.4	4442.4	4285.8	4085.5	3819.7	*3513.9*	3433.8	2854.8	1875.3	575.3	116.5
30°	5203.4	5203.4	4995.9	4715.5	4427.8	*4049.1*	3947.2	3310.0	2301.3	797.4	123.8
32.5°	5902.6	5847.9	5582.1	5287.2	4981.3	*4628.1*	4518.9	3787.0	2738.3	1074.2	138.4
35°	6437.8	6390.5	6062.8	5746.0	5480.2	*5156.1*	5025.0	4304.0	3200.7	1387.3	160.2
37.5°	6896.6	6878.4	6434.2	6037.3	5862.5	*5578.5*	5462.0	4792.0	3655.9	1726.0	185.7
40°	7399.1	7340.9	6867.5	6375.9	6113.8	*5884.4*	5778.8	5185.2	4092.8	2122.9	222.1
42.5°	7828.8	7759.6	7333.6	6852.9	6405.1	*6095.6*	5993.6	5516.6	4518.9	2519.8	269.5
45°	8305.8	8269.4	7839.7	7475.6	6878.4	*6383.2*	6248.5	5782.4	4908.5	2993.2	331.4
47.5°	9023.2	8957.6	8557.1	8258.5	7566.6	*6820.2*	6627.2	6055.5	5283.5	3459.2	426.0
50°	9857.0	9813.3	9576.6	9340.0	8651.8	*7566.6*	7337.2	6448.8	5702.3	4012.7	549.8
52.5°	10537.9	10530.7	10559.8	10563.4	10042.7	*8822.9*	8480.6	7082.3	6182.9	4558.9	724.6
55°	10523.4	10556.2	10876.6	11244.4	11284.4	*10537.9*	10206.6	8149.3	6809.2	5232.6	968.6
57.5°	10130.1	10104.6	10443.3	10996.8	11386.4	*11466.5*	11411.9	9806.0	7752.3	6044.6	1343.6
58°	*10002.7*	*9980.8*	*10301.3*	*10865.7*	*11313.5*	*11528.4*	*11473.8*	*10181.1*	*7963.5*	*6161.1*	*1445.6*
60°	9540.2	9543.9	9733.2	10246.6	10694.5	*11204.3*	11255.3	11251.6	9015.9	6940.3	1959.0
62.5°	8928.5	8899.4	9074.1	9492.9	9886.2	*10228.4*	10315.8	11324.5	10556.2	7930.8	2938.5
65°	8083.7	8040.0	8225.7	8699.1	9121.5	*9343.6*	9347.2	10348.6	11280.8	8994.0	4336.8
67.5°	6514.3	6477.9	6849.3	7457.4	8109.2	*8400.5*	8531.6	8979.5	10669.0	9715.0	5137.9
70°	3990.9	4067.3	4584.4	5538.4	6652.7	*7187.9*	7384.6	7522.9	9085.1	9605.8	4296.7
72.5°	1842.5	1751.5	2192.1	2858.4	4129.2	*5320.0*	5523.9	6066.4	7202.5	8338.6	3204.4
75°	859.3	826.6	928.5	1249.0	1871.6	*2873.0*	3244.4	4842.9	5523.9	5800.6	2312.2
77.5°	440.6	444.2	528.0	568.0	772.0	*1329.1*	1525.7	3186.1	4049.1	3237.1	1551.2
80°	193.0	200.3	203.9	222.1	313.2	*513.4*	579.0	1478.4	2767.4	1649.5	848.4
82.5°	123.8	127.4	127.4	127.4	149.3	*203.9*	233.0	593.5	1380.1	819.3	262.2
85°	65.5	65.5	72.8	91.0	105.6	*123.8*	131.1	189.3	455.2	244.0	61.9
87.5°	36.4	40.1	43.7	54.6	69.2	*83.8*	91.0	131.1	174.8	167.5	14.6
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-SA4A-850-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2.5°	94.7	91.0	87.4	83.8	80.1	76.5	76.5	76.5	76.5	76.5	76.5
5°	91.0	87.4	83.8	76.5	69.2	65.5	61.9	58.3	58.3	58.3	58.3
7.5°	91.0	87.4	76.5	69.2	61.9	54.6	47.3	47.3	47.3	47.3	47.3
10°	91.0	83.8	72.8	61.9	51.0	43.7	40.1	36.4	36.4	36.4	36.4
12.5°	91.0	80.1	69.2	54.6	43.7	36.4	32.8	29.1	29.1	29.1	29.1
15°	91.0	80.1	65.5	51.0	40.1	29.1	25.5	21.8	21.8	21.8	21.8
17.5°	87.4	76.5	61.9	43.7	32.8	21.8	18.2	14.6	14.6	18.2	18.2
20°	83.8	72.8	54.6	36.4	25.5	18.2	10.9	10.9	10.9	10.9	10.9
22.5°	83.8	72.8	51.0	32.8	21.8	10.9	7.3	7.3	7.3	7.3	10.9
25°	83.8	69.2	43.7	25.5	14.6	7.3	3.6	3.6	3.6	3.6	3.6
27.5°	83.8	69.2	40.1	21.8	10.9	7.3	3.6	0.0	0.0	0.0	0.0
30°	80.1	65.5	36.4	18.2	7.3	3.6	0.0	0.0	0.0	0.0	0.0
32.5°	80.1	61.9	29.1	14.6	7.3	3.6	0.0	0.0	0.0	0.0	0.0
35°	83.8	58.3	25.5	10.9	3.6	0.0	0.0	0.0	0.0	0.0	3.6
37.5°	87.4	54.6	21.8	7.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	91.0	51.0	21.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	98.3	51.0	18.2	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	105.6	51.0	14.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	120.2	54.6	14.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	131.1	58.3	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	145.7	54.6	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	163.9	54.6	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	178.4	51.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*185.7*	*47.3*	*7.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	222.1	43.7	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	345.9	36.4	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	702.8	32.8	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1310.9	29.1	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1467.4	32.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	924.9	25.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	487.9	25.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	244.0	25.5	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	112.9	18.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	47.3	10.9	7.3	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.8	10.9	7.3	7.3	3.6	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	10.9	10.9	10.9	7.3	7.3	3.6	3.6	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

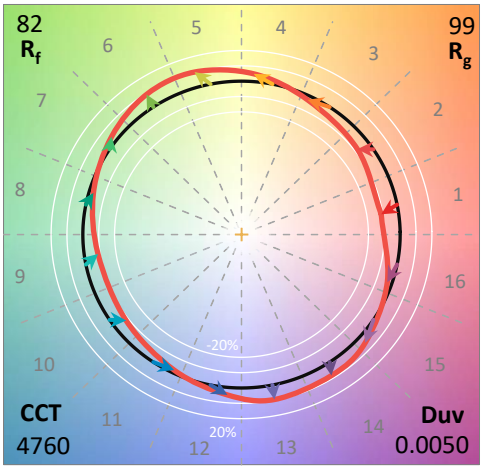
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

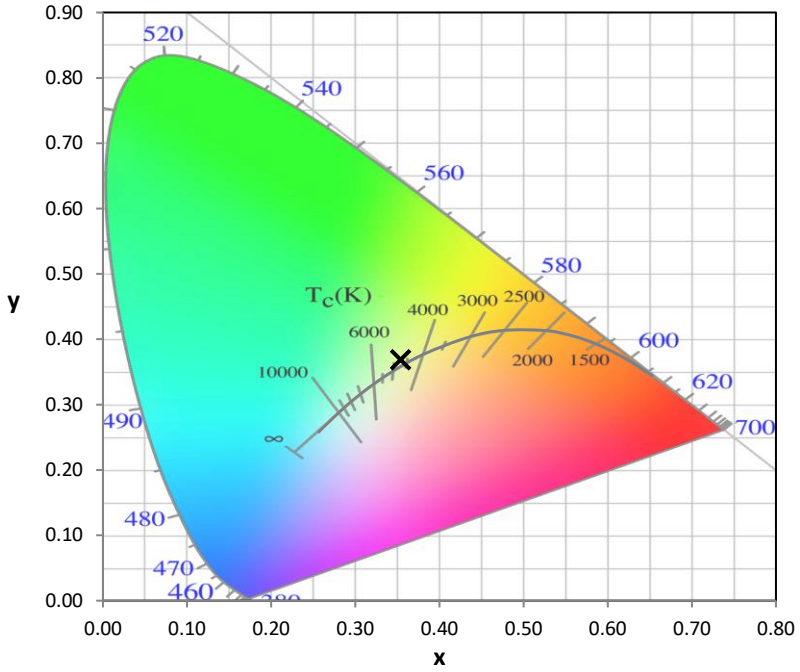
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

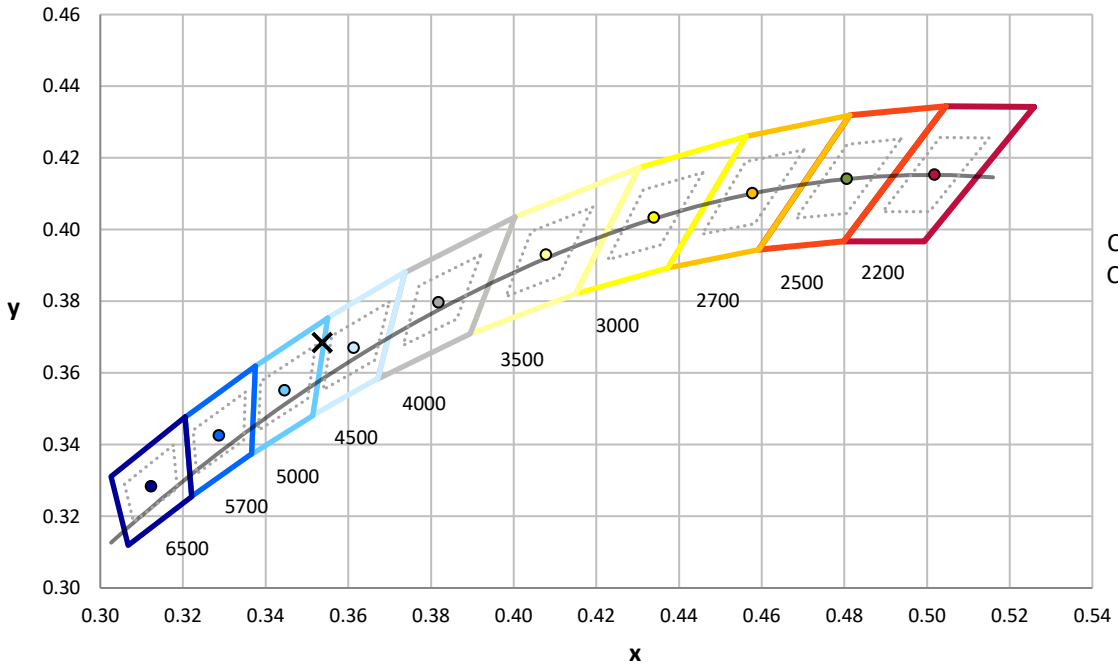
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

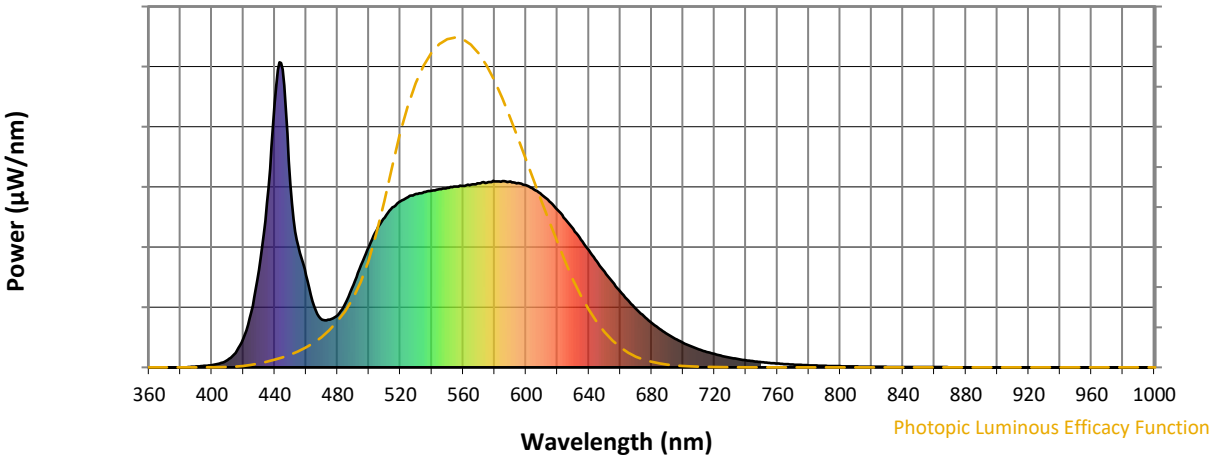


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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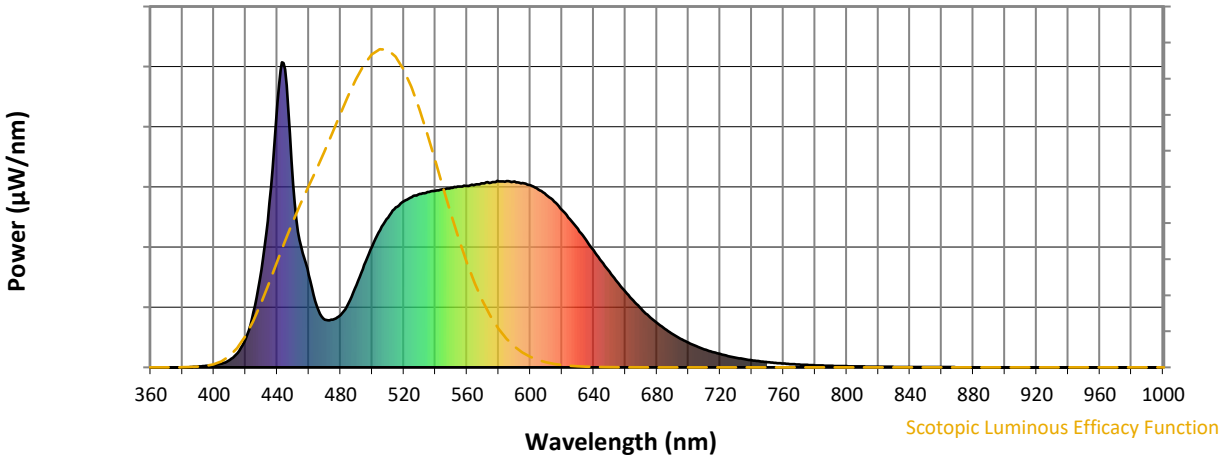
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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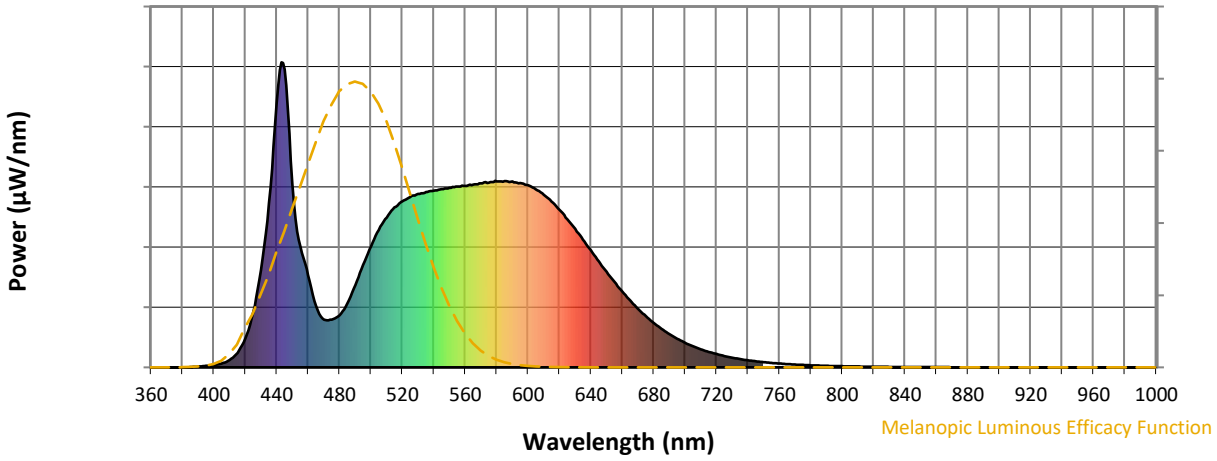
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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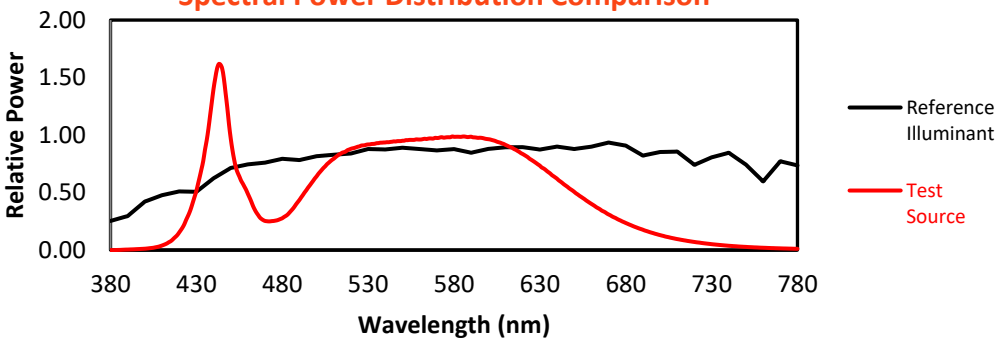
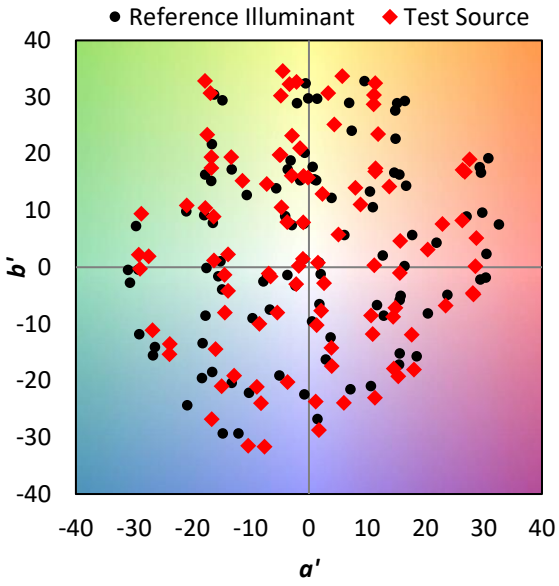
Summary

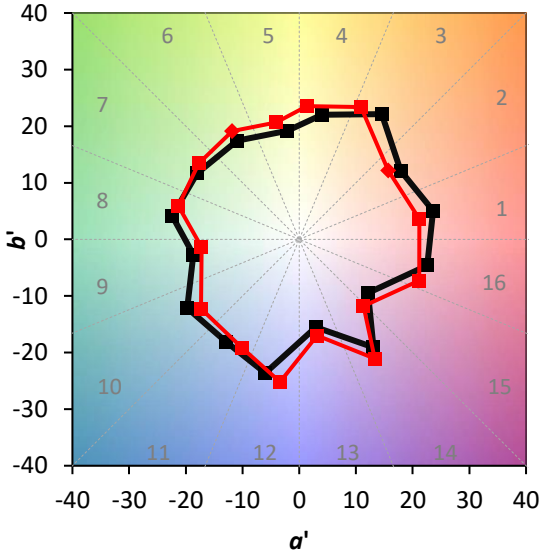
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

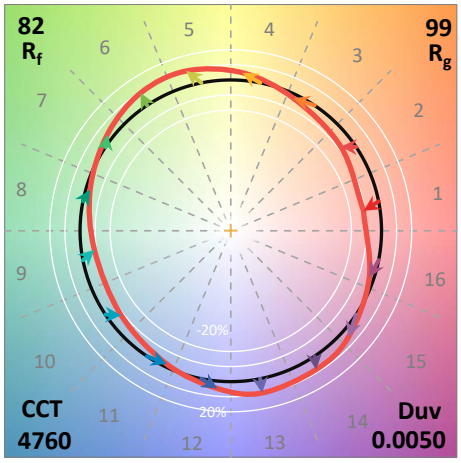
Spectral Power Distribution Comparison

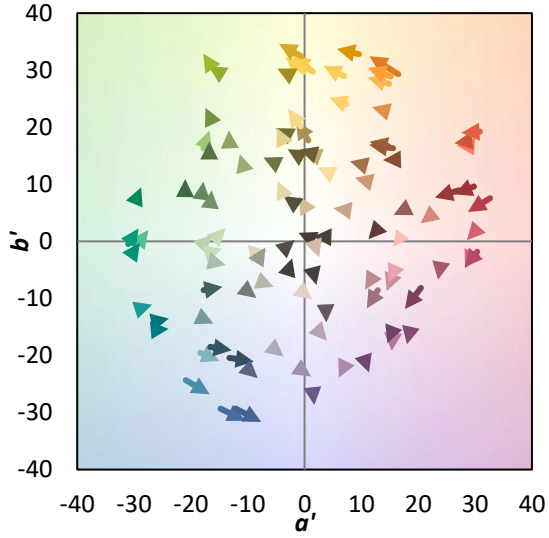


Color Vector Graphics









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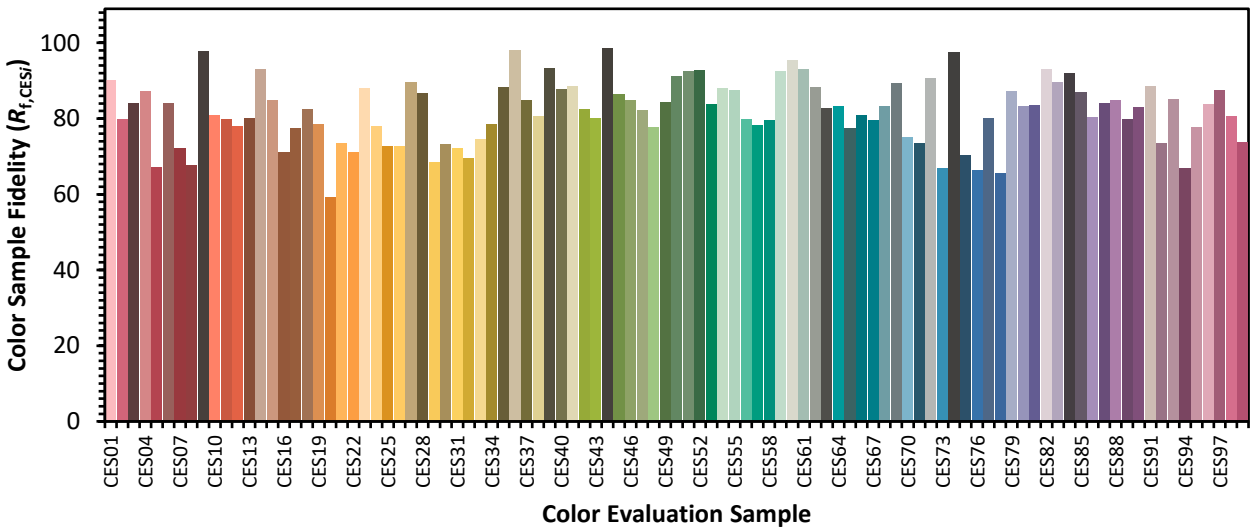
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



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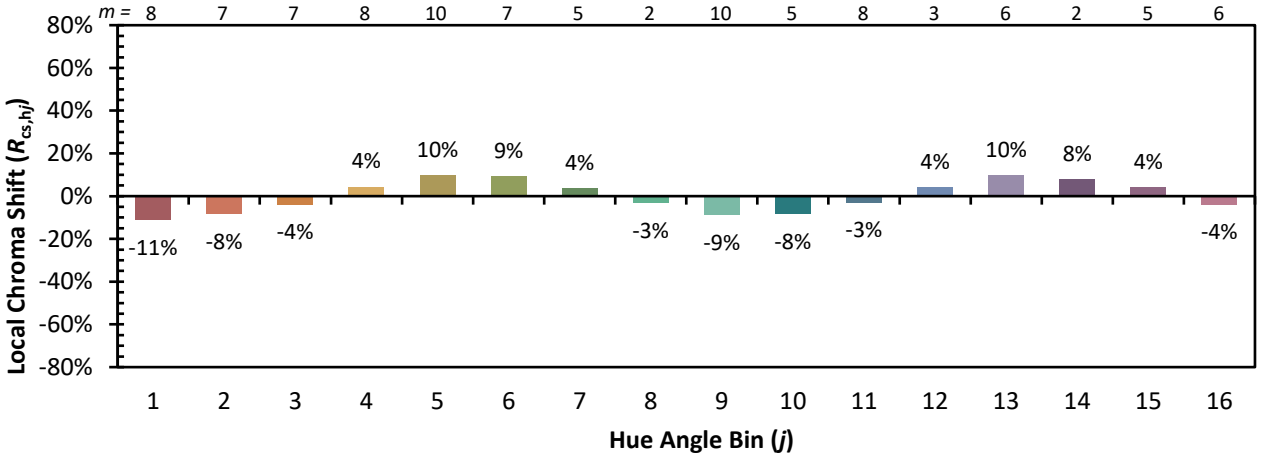
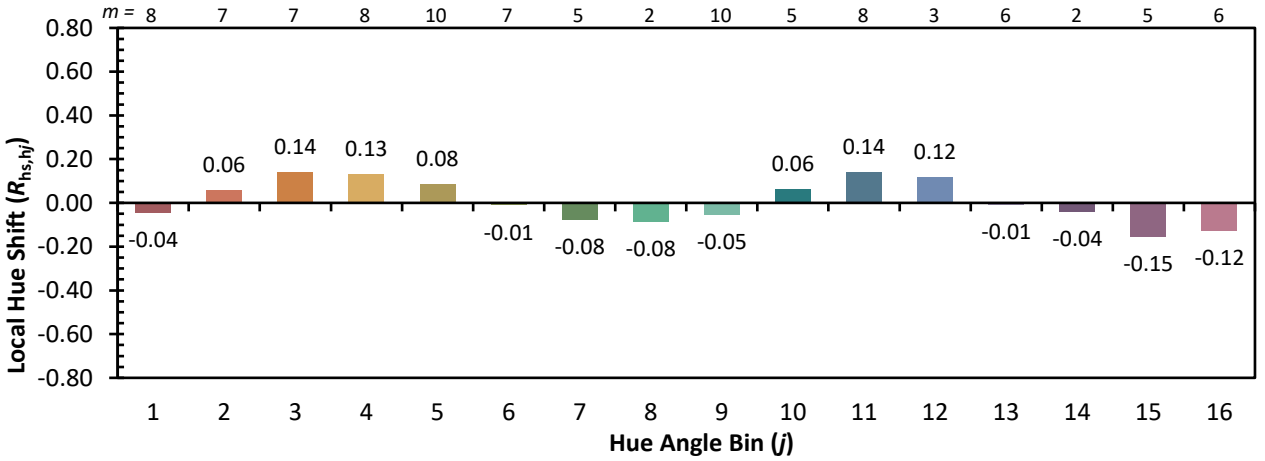
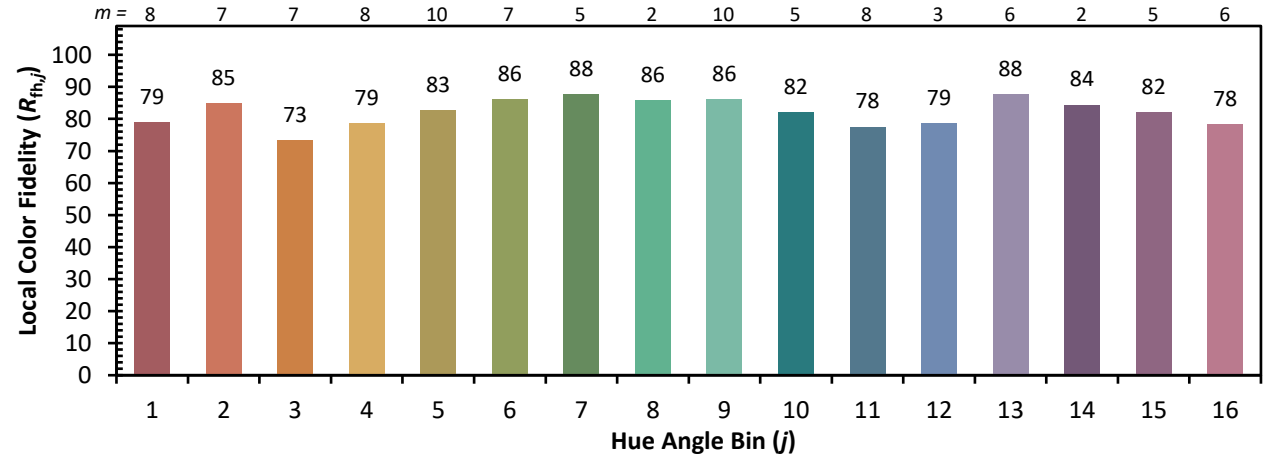
Color Rendition by Hue-Angle Bin







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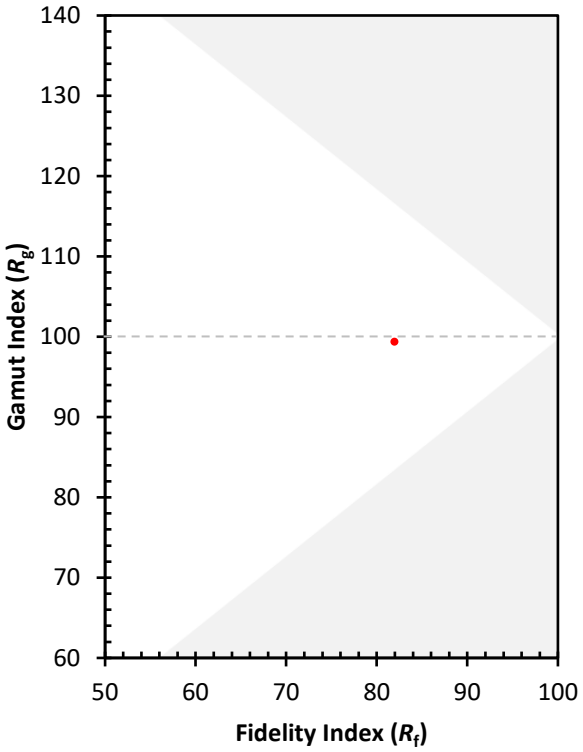
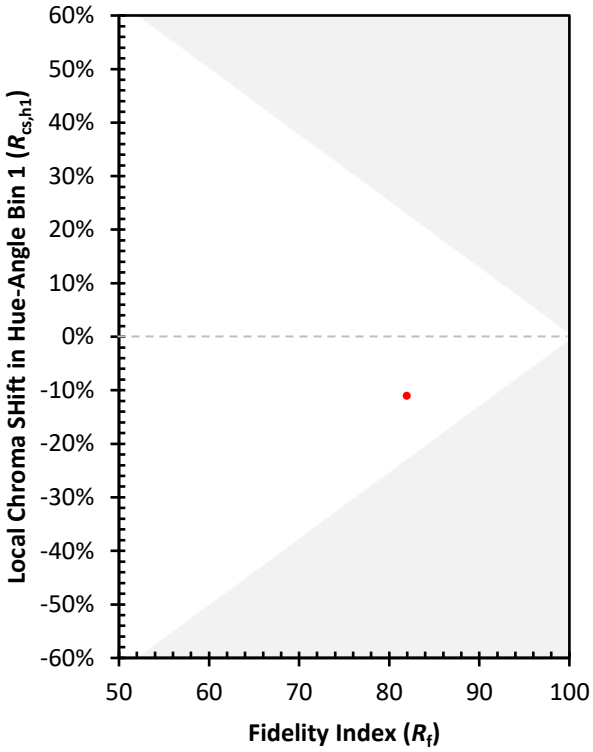
Measure Comparisons





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