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: P1048053

Luminaire Tested: **GALN-SA9A-850-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:	P1048053
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9A-850-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(126) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29261.8 lumens
Efficiency:	N/A
Efficacy:	119.6 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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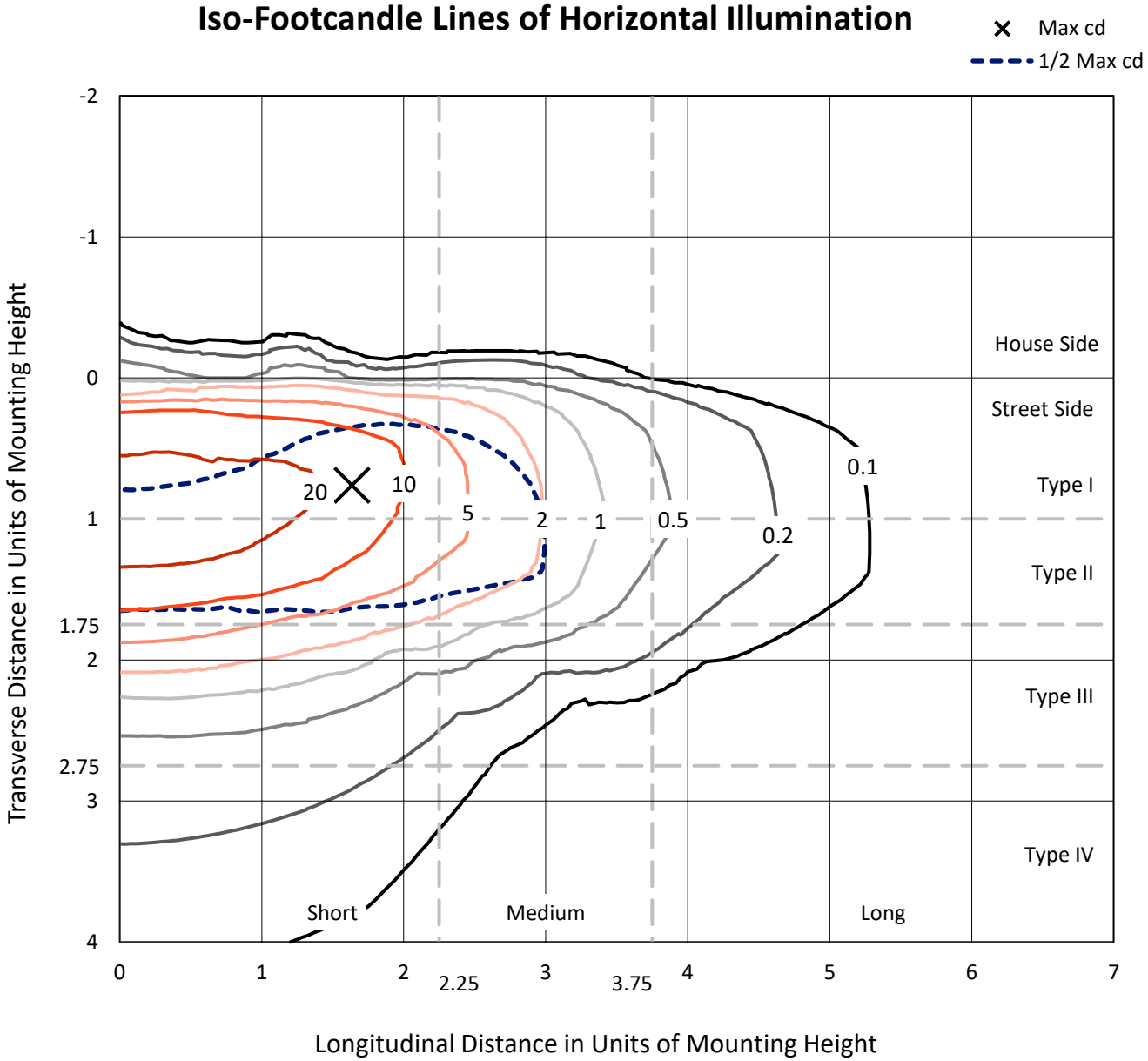
REPORT NUMBER: P1048053
CATALOG NUMBER: GALN-SA9A-850-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 38.7 fc
Type II - Short - N/A

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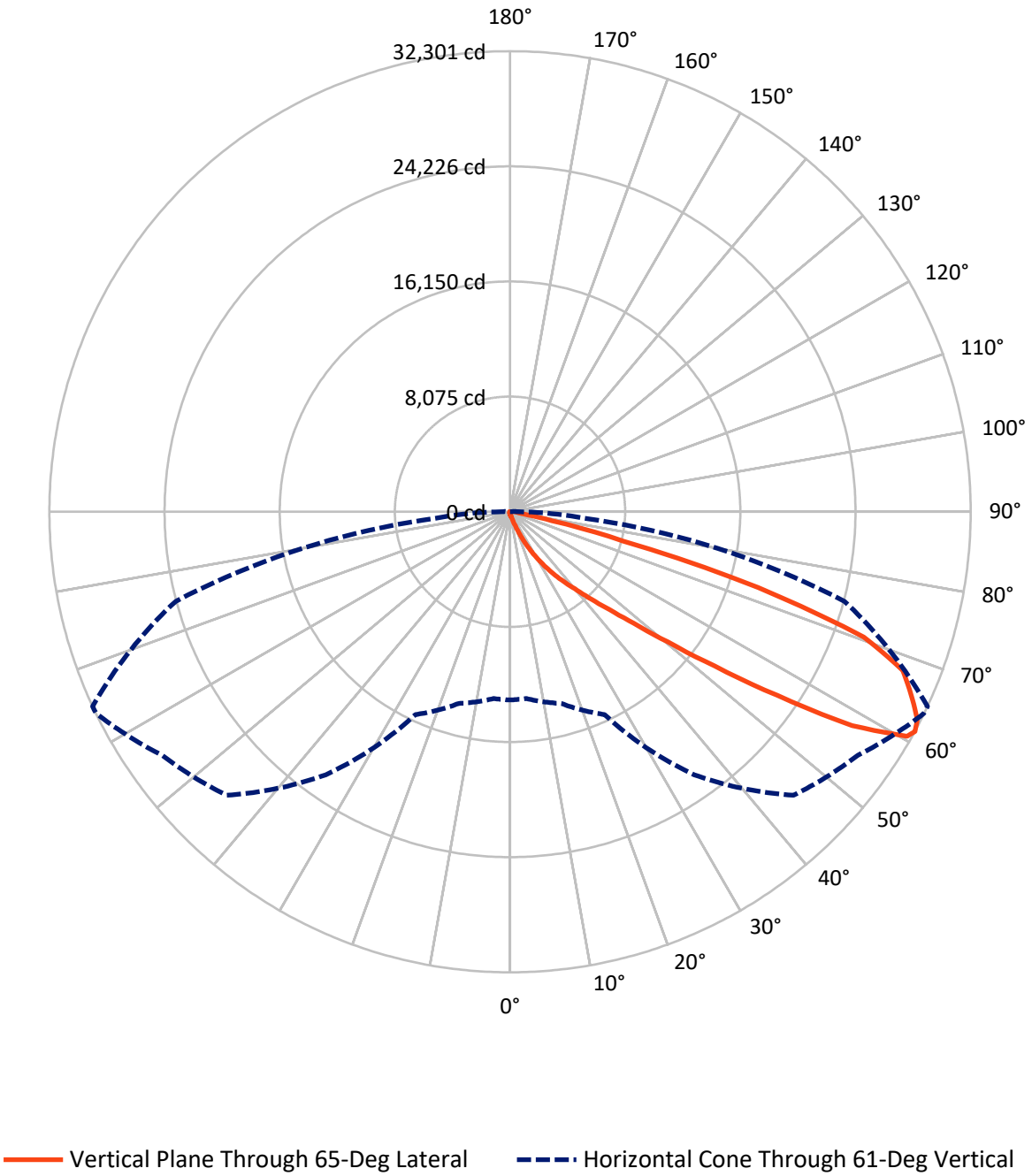
Luminous Intensity Polar Plot



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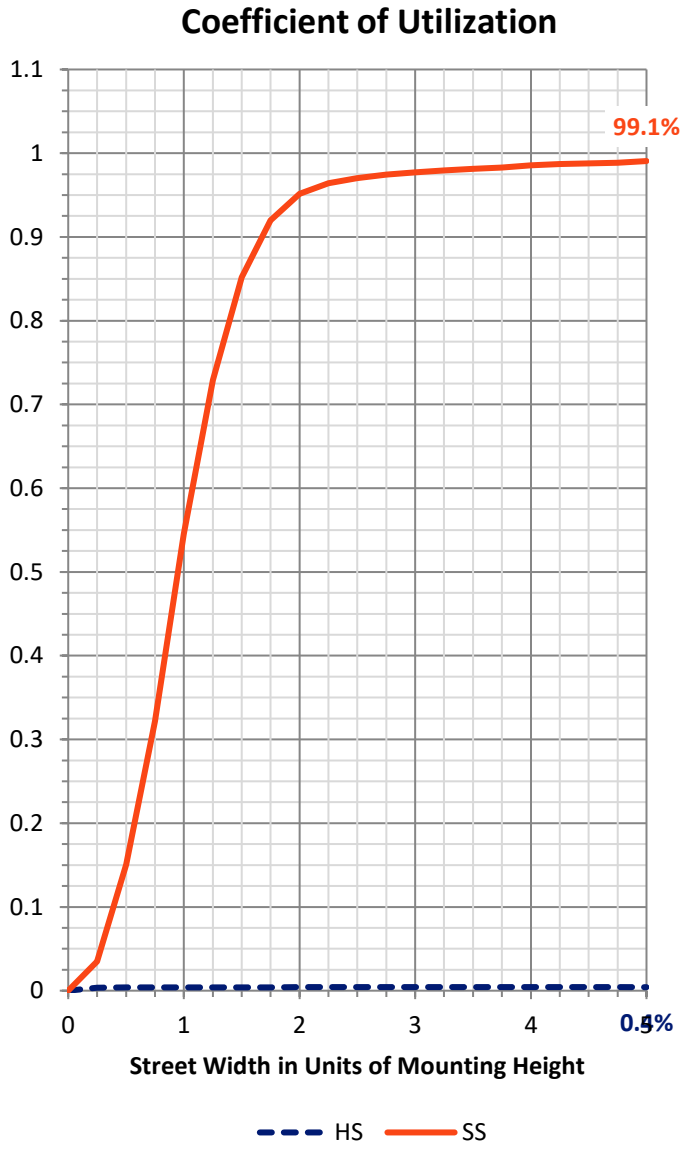
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	124.9	0.0	124.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29136.8	0.0	29136.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	29261.8	0.0	29261.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.8	0.1
10°-20°	240.6	0.8
20°-30°	863.6	3.0
30°-40°	2299.1	7.9
40°-50°	6039.8	20.6
50°-60°	9356.8	32.0
60°-70°	7845.5	26.8
70°-80°	2308.8	7.9
80°-90°	284.8	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°	29261.8	100.0
0°-180°	29261.8	100.0



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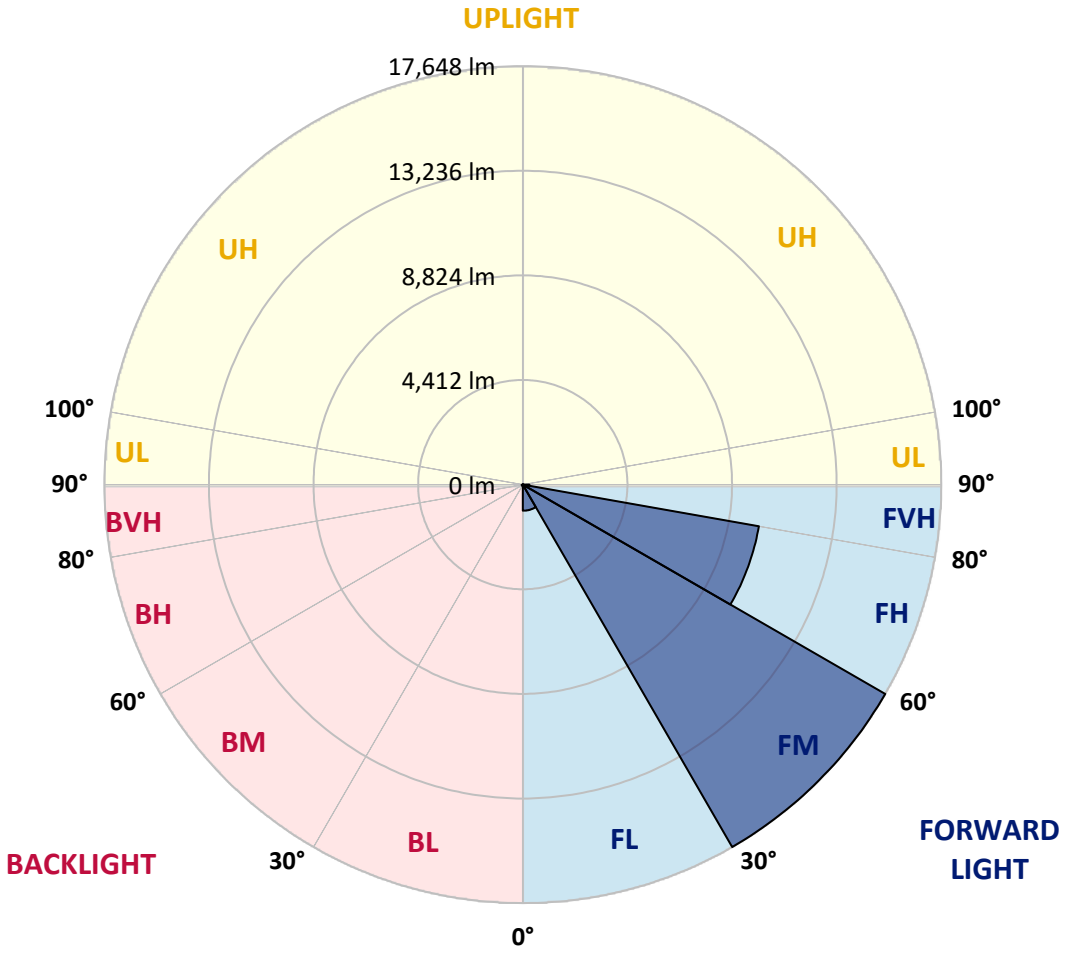
CATALOG NUMBER: GALN-SA9A-850-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1098.9	3.8			
FM	(30°-60°)	17648.1	60.3			
FH	(60°-80°)	10110.2	34.6			G4/12000
FVH	(80°-90°)	279.5	1.0			G3/500
BL	(0°-30°)	28.0	0.1	B0/110		
BM	(30°-60°)	47.5	0.2	B0/220		
BH	(60°-80°)	44.1	0.2	B0/110		G0/110
BVH	(80°-90°)	5.3	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: P1048053
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	*179.1*	179.1	179.1
2.5°	217.4	219.4	215.4	207.3	201.3	201.3	199.3	193.2	*193.2*	187.2	183.2
5°	303.9	299.9	291.9	275.8	261.7	247.6	233.5	219.4	*217.4*	199.3	187.2
7.5°	497.2	501.2	475.0	424.7	382.4	328.1	277.8	247.6	*243.6*	213.4	189.2
10°	1091.0	1060.8	1000.4	805.2	662.2	499.2	370.4	287.8	*283.8*	229.5	193.2
12.5°	1988.7	1964.6	1853.9	1652.6	1284.2	893.7	541.5	356.3	*344.2*	243.6	195.3
15°	2866.4	2828.1	2767.7	2564.4	2133.7	1602.3	885.7	487.1	*454.9*	263.7	193.2
17.5°	3425.9	3432.0	3377.6	3291.1	3013.3	2371.2	1529.8	726.7	*664.3*	299.9	189.2
20°	3915.1	3901.0	3931.2	3884.9	3689.6	3222.6	2226.3	1151.4	*1044.7*	358.3	191.2
22.5°	4478.7	4512.9	4535.0	4525.0	4309.6	3911.1	3017.3	1723.0	*1588.2*	465.0	197.3
25°	5233.5	5229.5	5231.5	5205.3	4996.0	4553.2	3810.4	2433.6	*2296.7*	638.1	211.4
27.5°	6024.6	6048.7	6058.8	5964.2	5690.5	5255.7	4545.1	3210.6	*3049.5*	915.9	229.5
30°	7105.5	7085.4	7039.1	6845.9	6513.7	5974.3	5269.8	4025.8	*3856.7*	1304.4	257.7
32.5°	8562.9	8540.7	8307.2	7880.5	7383.3	6723.1	5998.4	4843.0	*4637.7*	1789.5	295.9
35°	10964.2	10998.5	10424.8	9319.7	8428.0	7622.8	6805.6	5656.2	*5475.1*	2387.3	348.2
37.5°	14641.8	14454.6	13675.6	11723.1	9802.8	8746.0	7576.5	6477.5	*6320.5*	3124.0	416.7
40°	18214.7	18029.5	17804.0	15954.2	12192.1	9984.0	8655.4	7441.7	*7238.4*	3955.3	517.3
42.5°	21970.7	21868.1	21858.0	20463.1	16552.0	11930.4	9953.8	8570.9	*8397.8*	4867.2	682.4
45°	24631.8	24529.1	24744.5	24988.1	22490.1	16101.1	12214.2	10038.3	*9786.7*	5974.3	946.1
47.5°	24990.1	24994.1	25569.8	26332.7	26902.3	22552.5	15225.5	11982.8	*11676.8*	7558.4	1388.9
50°	23798.4	23844.7	24760.6	26125.3	27659.2	27965.1	20535.5	14804.8	*14351.9*	9436.4	2016.9
52.5°	21529.9	21582.2	22858.4	25102.8	26962.7	29265.5	26787.6	18496.5	*17975.1*	11779.5	2902.6
55°	19486.8	19519.0	20982.4	23818.6	26123.3	28558.9	30499.4	23426.1	*22741.7*	14661.9	3776.2
57.5°	17463.9	17389.4	18341.5	21588.3	25980.4	27691.4	31046.9	29044.0	*28289.2*	17812.1	4456.5
60°	14758.5	14633.7	15398.6	17463.9	24100.4	28261.0	30022.3	32152.0	*31980.9*	22198.2	4981.9
61°	*13202.6*	*13150.2*	*13919.2*	*15690.5*	*22518.2*	*28116.1*	*29776.7*	*32282.8*	*32300.9*	*24273.5*	*5217.4*
62.5°	9428.4	9577.3	10752.9	13055.6	18860.8	27176.1	29808.9	31878.2	*32057.3*	27031.2	5827.3
65°	4190.8	4430.4	5344.2	7218.2	10968.3	22606.8	29523.1	30990.5	*30901.9*	27788.0	7928.8
67.5°	2485.9	2522.2	2977.1	4090.2	5809.2	12159.9	26052.9	29817.0	*29698.2*	24191.0	9865.2
70°	1958.5	1976.7	2121.6	2566.4	3371.6	4657.8	14869.2	25797.2	*26314.6*	19615.7	9657.9
72.5°	1857.9	1853.9	1874.0	1952.5	2123.6	2310.8	5756.9	17147.8	*18200.6*	14126.5	8097.9
75°	1833.7	1825.7	1805.6	1775.4	1537.9	1360.7	1783.4	7584.6	*8194.5*	9651.8	6097.1
77.5°	1779.4	1781.4	1785.4	1702.9	1318.4	962.2	863.5	2433.6	*2993.2*	6125.2	4333.8
80°	1203.7	1221.8	1252.0	1219.8	1185.6	696.5	609.9	865.5	*877.6*	3438.0	2862.3
82.5°	609.9	609.9	595.8	531.4	458.9	452.9	485.1	628.0	*636.1*	1739.1	1346.6
85°	368.4	388.5	396.5	360.3	330.1	303.9	370.4	499.2	*517.3*	674.3	314.0
87.5°	82.5	84.5	92.6	122.8	179.1	243.6	344.2	456.9	*465.0*	432.8	38.2
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-SA9A-850-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1
2.5°	181.2	177.1	175.1	169.1	163.0	157.0	153.0	151.0	153.0	155.0	155.0
5°	179.1	173.1	163.0	153.0	144.9	136.9	128.8	126.8	126.8	128.8	128.8
7.5°	179.1	169.1	155.0	142.9	130.8	118.8	112.7	108.7	110.7	110.7	110.7
10°	179.1	167.1	149.0	130.8	116.7	102.7	92.6	88.6	88.6	88.6	88.6
12.5°	177.1	165.1	142.9	120.8	100.6	84.5	72.5	66.4	68.4	68.4	68.4
15°	173.1	159.0	134.9	102.7	80.5	64.4	52.3	46.3	48.3	52.3	54.3
17.5°	167.1	153.0	120.8	86.6	64.4	48.3	36.2	32.2	34.2	40.3	40.3
20°	165.1	146.9	106.7	70.5	48.3	34.2	24.2	20.1	22.1	30.2	32.2
22.5°	165.1	142.9	96.6	58.4	36.2	22.1	14.1	8.1	8.1	14.1	14.1
25°	167.1	140.9	88.6	48.3	26.2	16.1	8.1	4.0	8.1	22.1	26.2
27.5°	171.1	138.9	84.5	40.3	20.1	14.1	6.0	14.1	24.2	24.2	24.2
30°	175.1	134.9	78.5	34.2	18.1	10.1	10.1	20.1	20.1	24.2	26.2
32.5°	181.2	132.9	74.5	30.2	14.1	8.1	14.1	12.1	12.1	14.1	16.1
35°	193.2	134.9	70.5	30.2	14.1	10.1	12.1	6.0	4.0	4.0	4.0
37.5°	209.3	136.9	64.4	26.2	12.1	12.1	6.0	0.0	0.0	0.0	0.0
40°	235.5	142.9	60.4	24.2	10.1	10.1	2.0	0.0	0.0	0.0	0.0
42.5°	279.8	155.0	58.4	22.1	10.1	8.1	0.0	0.0	0.0	0.0	0.0
45°	368.4	183.2	54.3	20.1	10.1	4.0	0.0	0.0	0.0	0.0	0.0
47.5°	529.4	249.6	52.3	16.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	773.0	338.2	50.3	14.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	986.3	356.3	34.2	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1010.5	245.6	26.2	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	805.2	159.0	22.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	609.9	120.8	20.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*585.8*	*108.7*	*20.1*	*2.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	646.1	94.6	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1050.7	78.5	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1825.7	68.4	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2306.8	64.4	12.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2010.9	58.4	12.1	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1209.7	50.3	12.1	8.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	634.1	38.2	12.1	10.1	6.0	2.0	0.0	0.0	0.0	0.0	0.0
80°	308.0	34.2	14.1	10.1	8.1	4.0	0.0	0.0	0.0	0.0	0.0
82.5°	120.8	28.2	16.1	14.1	10.1	6.0	2.0	0.0	0.0	0.0	0.0
85°	54.3	24.2	18.1	16.1	14.1	8.1	2.0	0.0	0.0	0.0	0.0
87.5°	28.2	22.1	20.1	18.1	14.1	10.1	4.0	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

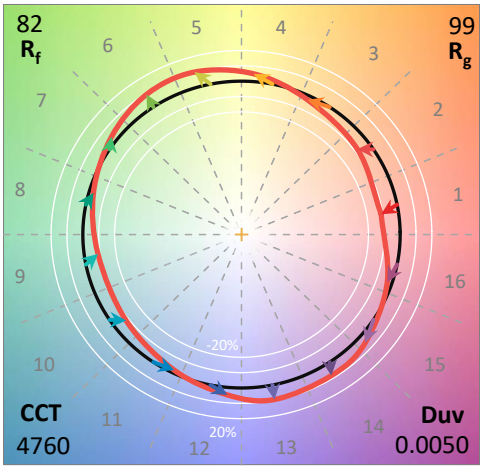
Test Information

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

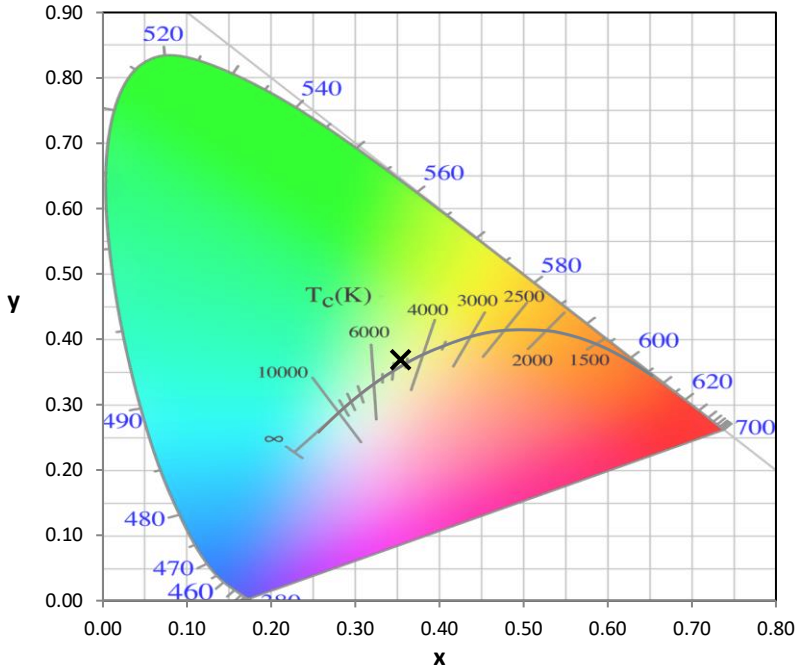
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

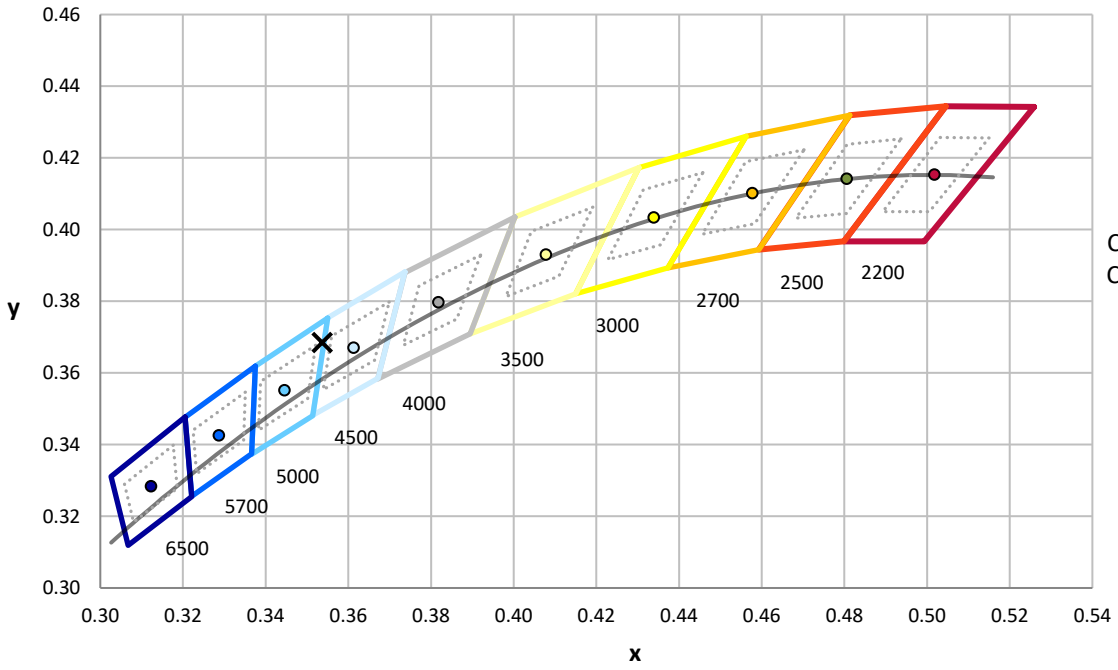
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

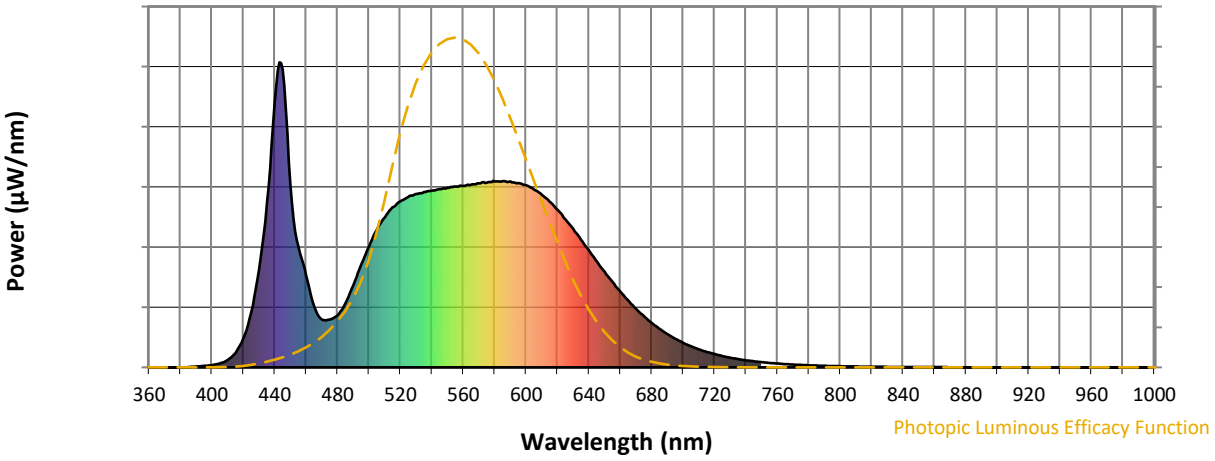


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

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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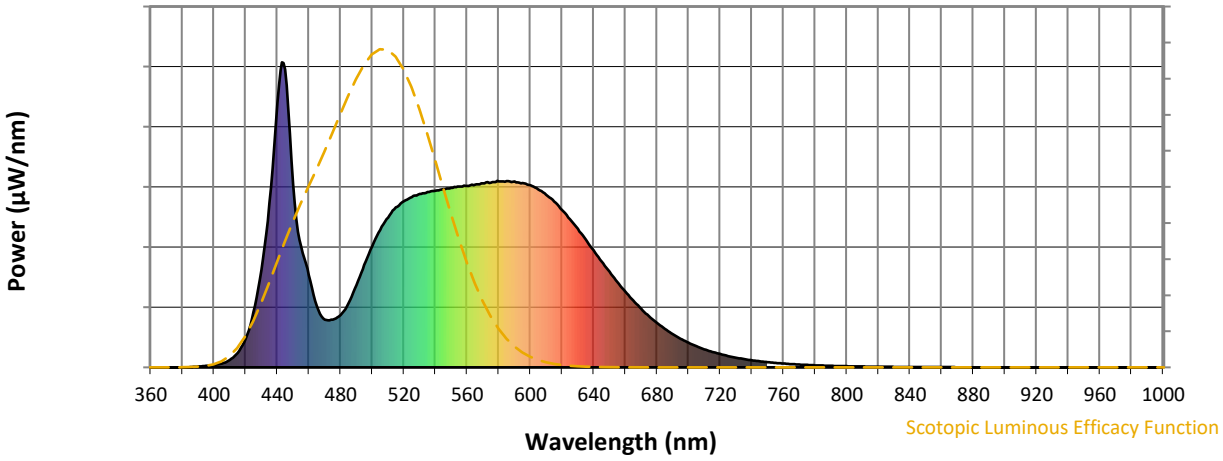
Scotopic Flux vs. Wavelength



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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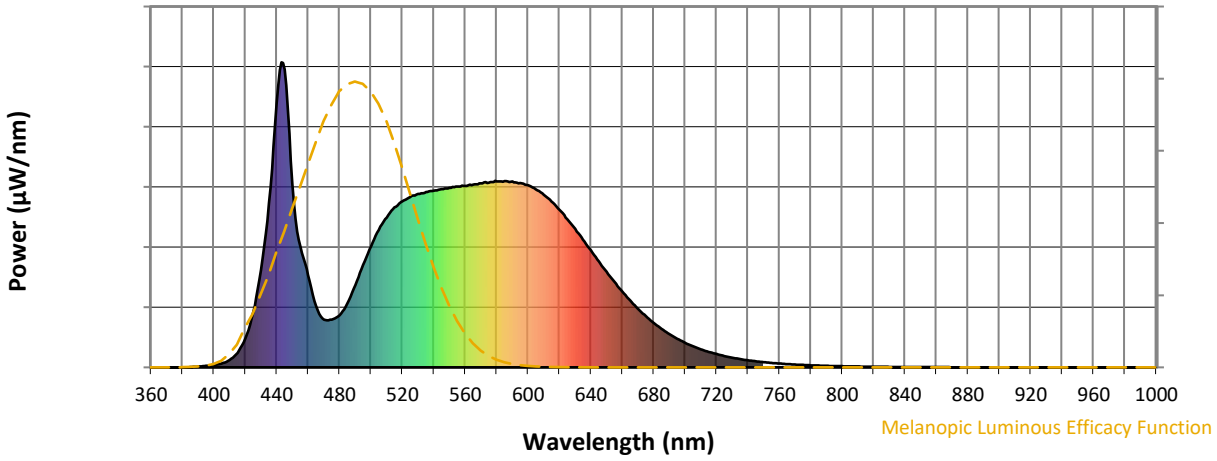
Melanopic Flux vs. Wavelength



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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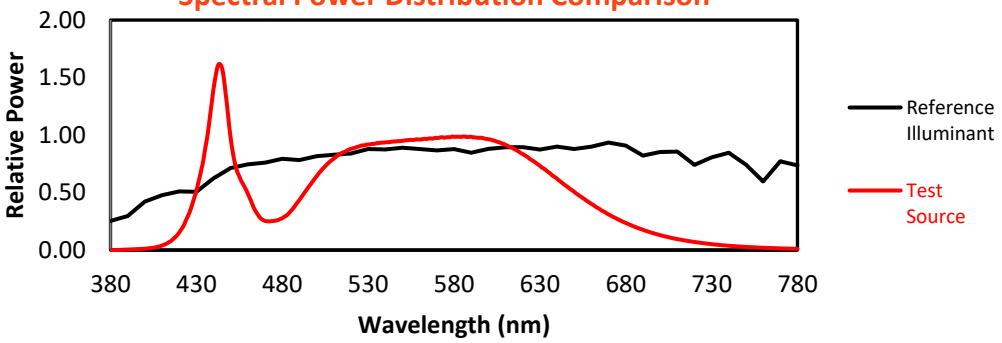
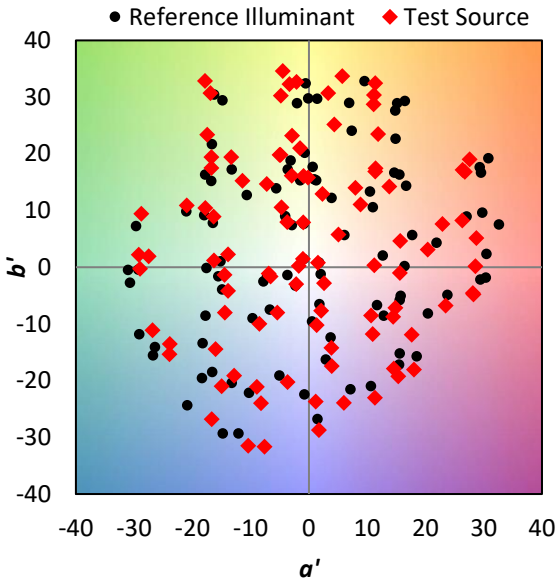
Summary

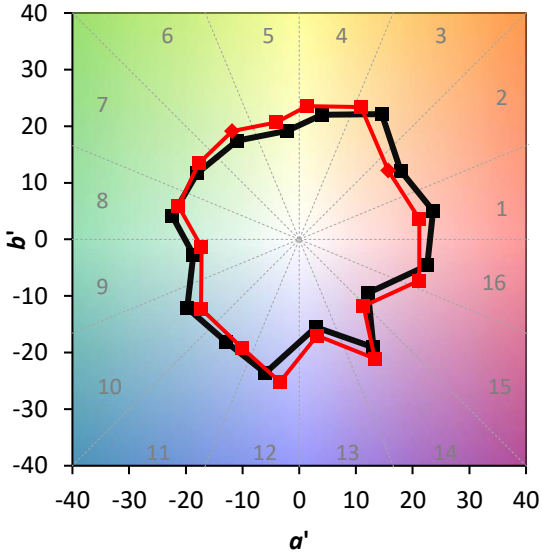
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

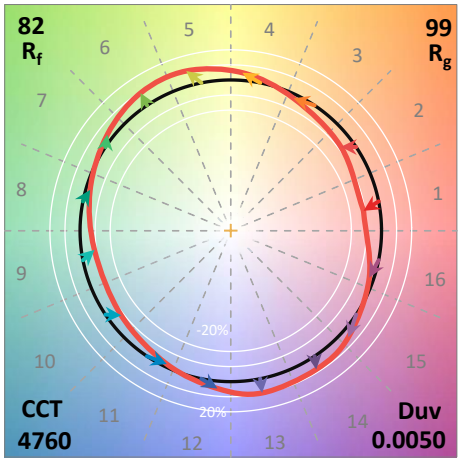
Spectral Power Distribution Comparison

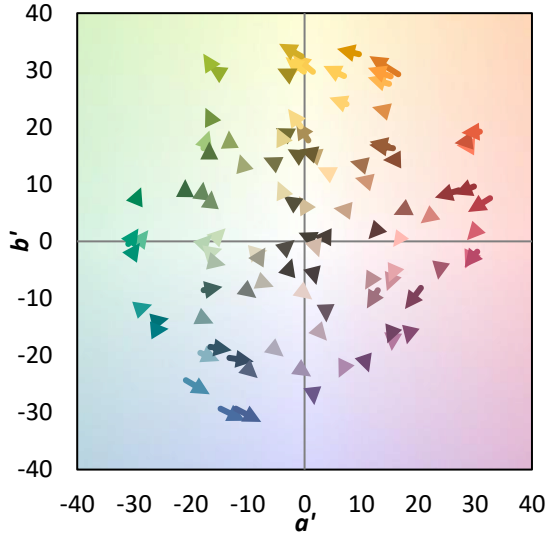


Color Vector Graphics









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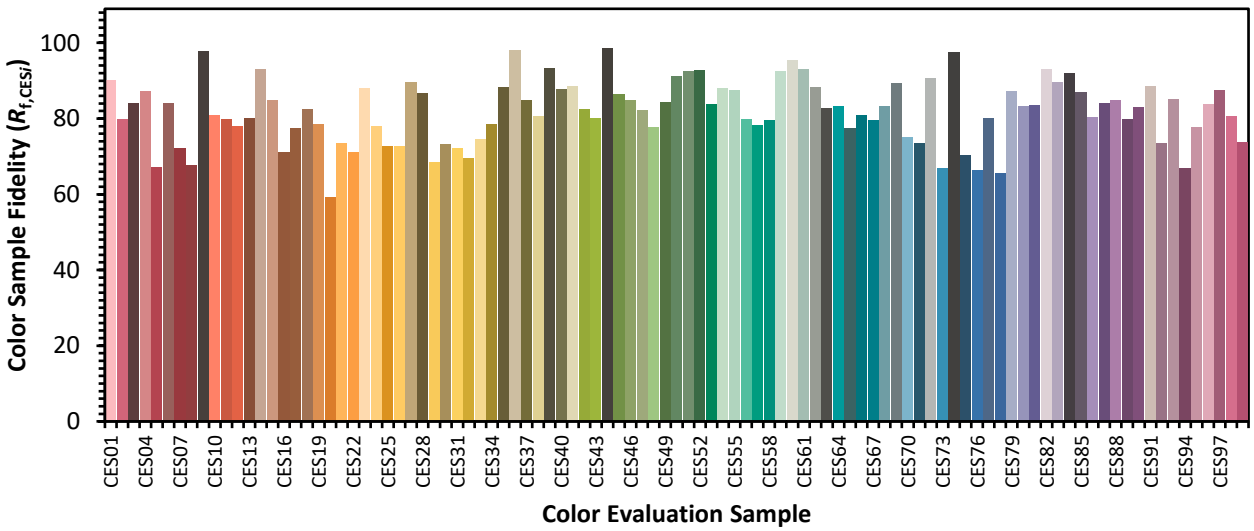
Individual Sample Fidelity Index ($R_{f,i}$)

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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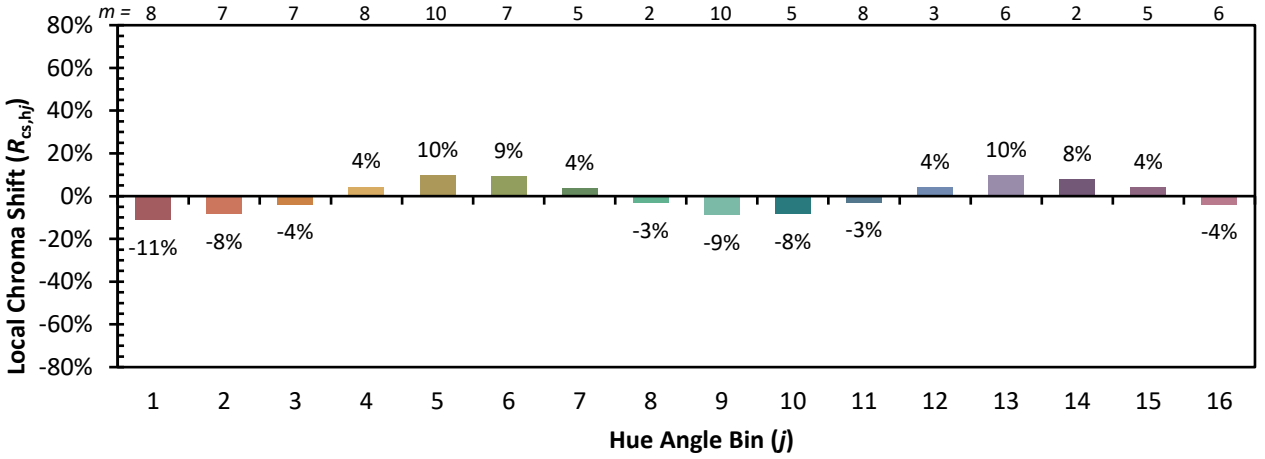
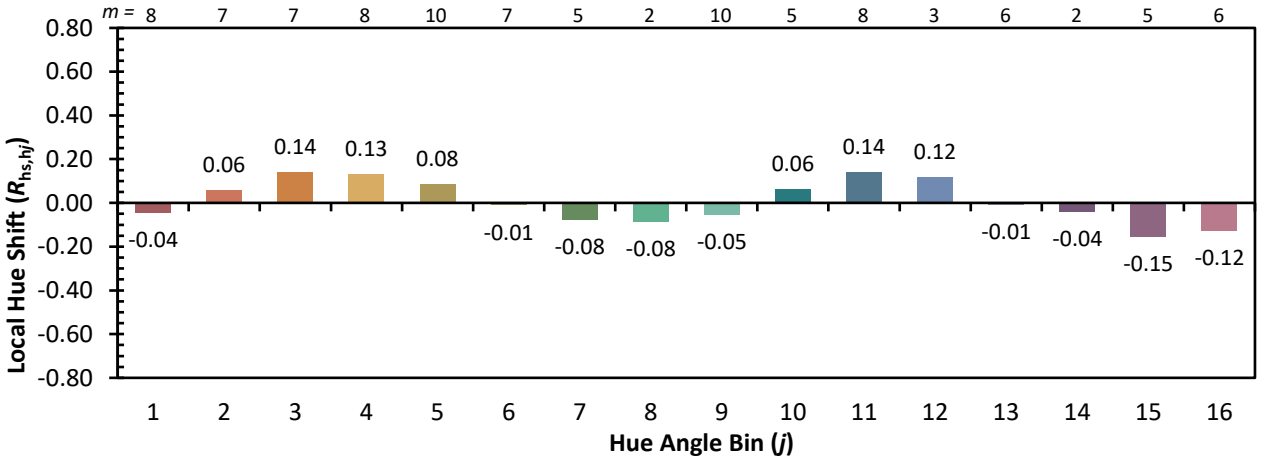
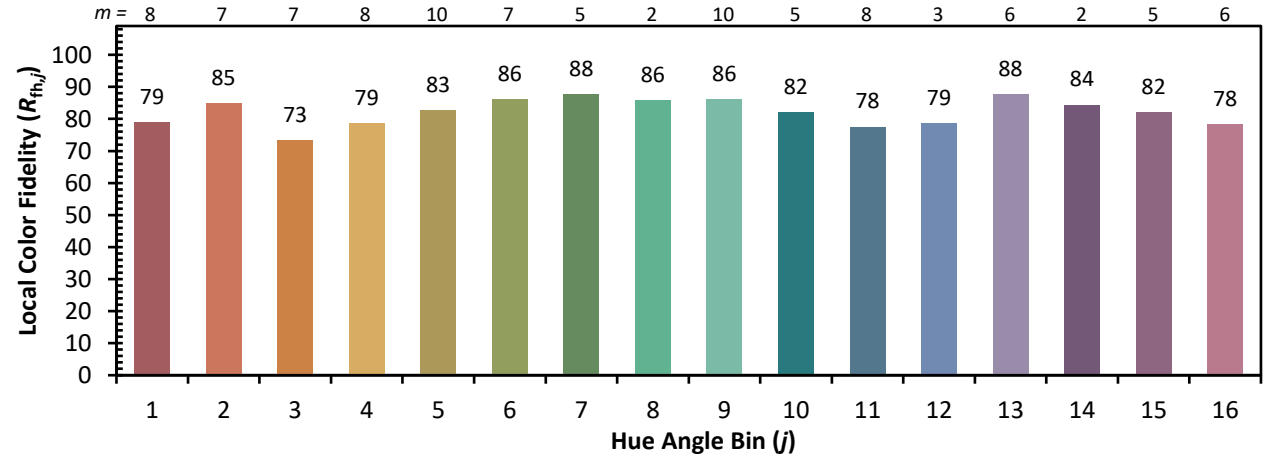
Color Rendition by Hue-Angle Bin







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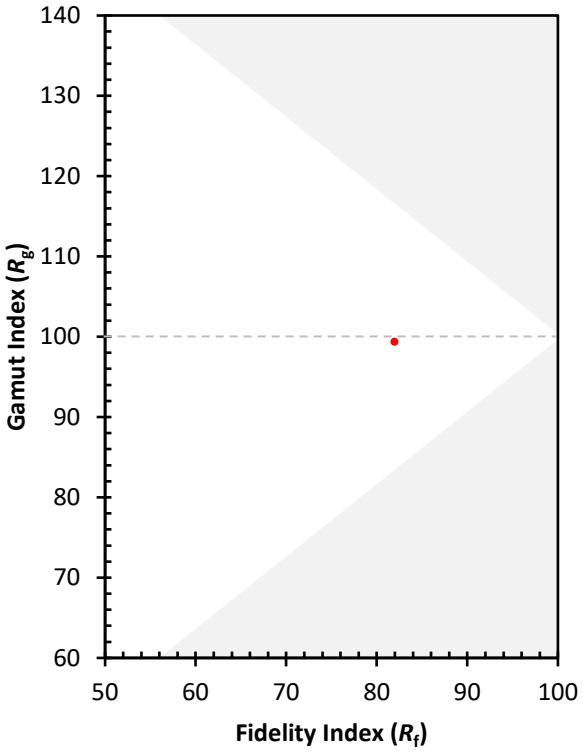
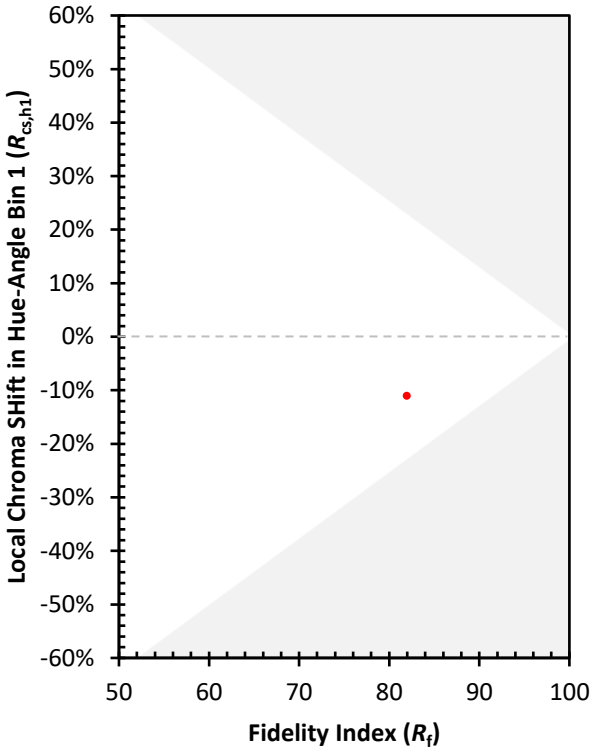
Measure Comparisons





(END OF REPORT)