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: P1047431

Luminaire Tested: **GALN-SA6C-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:	P1047431
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA6C-850-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(84) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31695.7 lumens
Efficiency:	N/A
Efficacy:	112.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	282.5
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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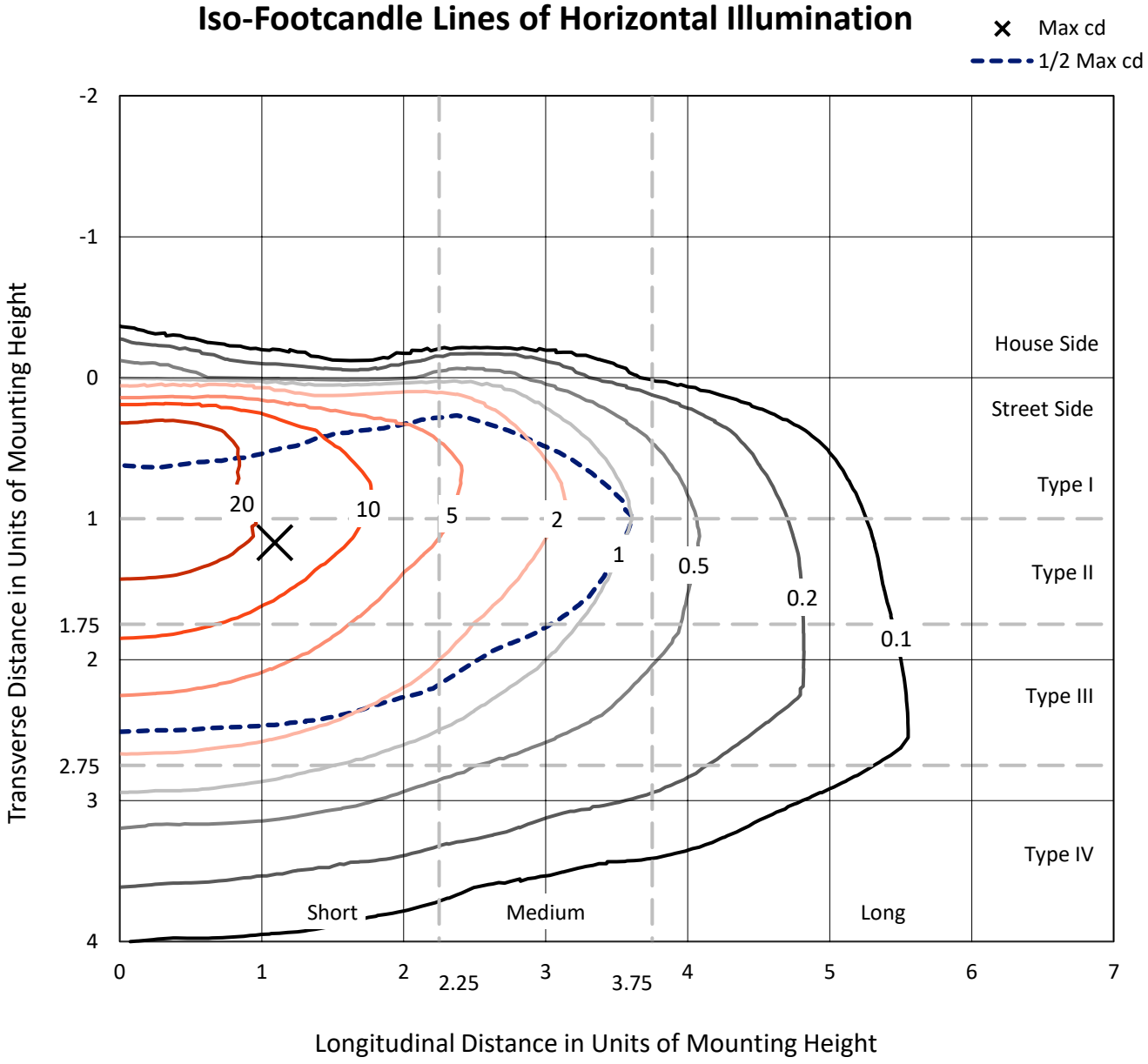
REPORT NUMBER: P1047431
CATALOG NUMBER: GALN-SA6C-850-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 35.6 fc
Type III - Short - N/A

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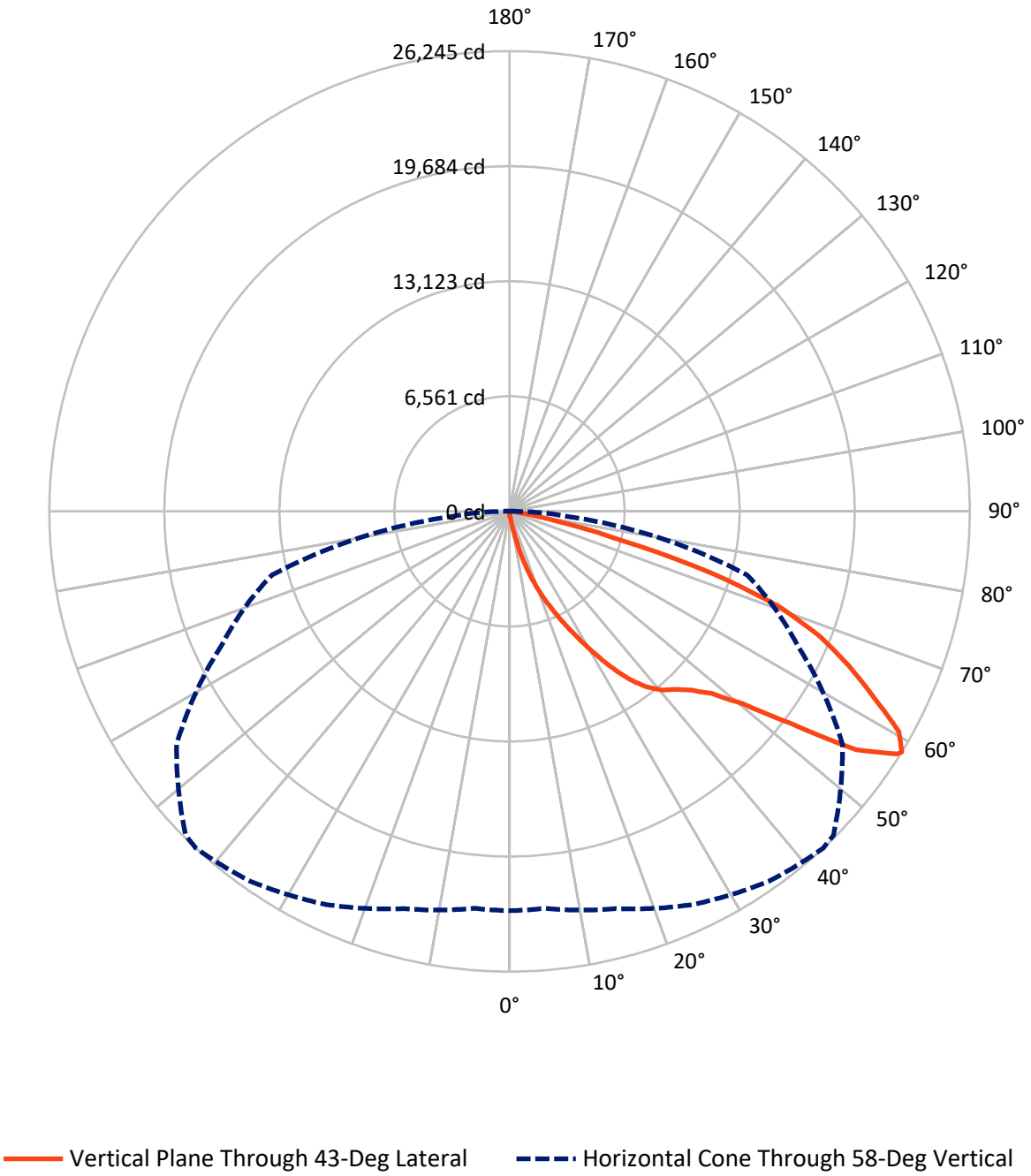
Luminous Intensity Polar Plot



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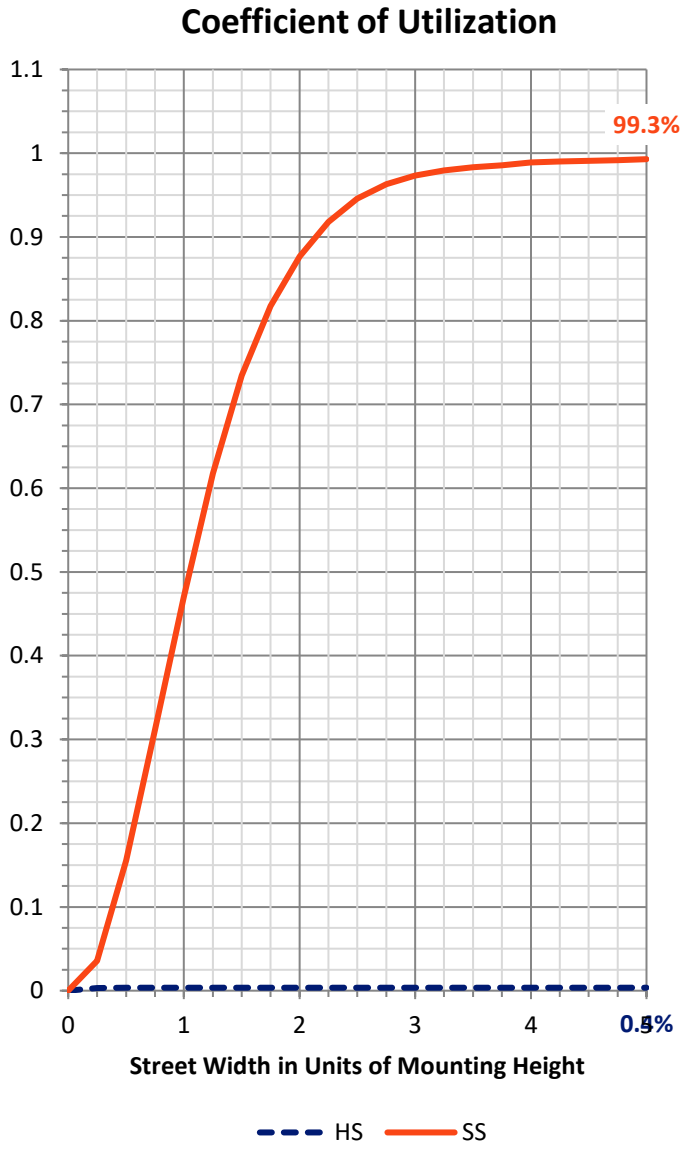
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	115.7	0.0	115.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31580.0	0.0	31580.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	31695.7	0.0	31695.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	0.1
10°-20°	364.3	1.1
20°-30°	1313.2	4.1
30°-40°	3004.5	9.5
40°-50°	5067.5	16.0
50°-60°	8362.6	26.4
60°-70°	9346.3	29.5
70°-80°	3858.9	12.2
80°-90°	347.9	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°	31695.7	100.0
0°-180°	31695.7	100.0



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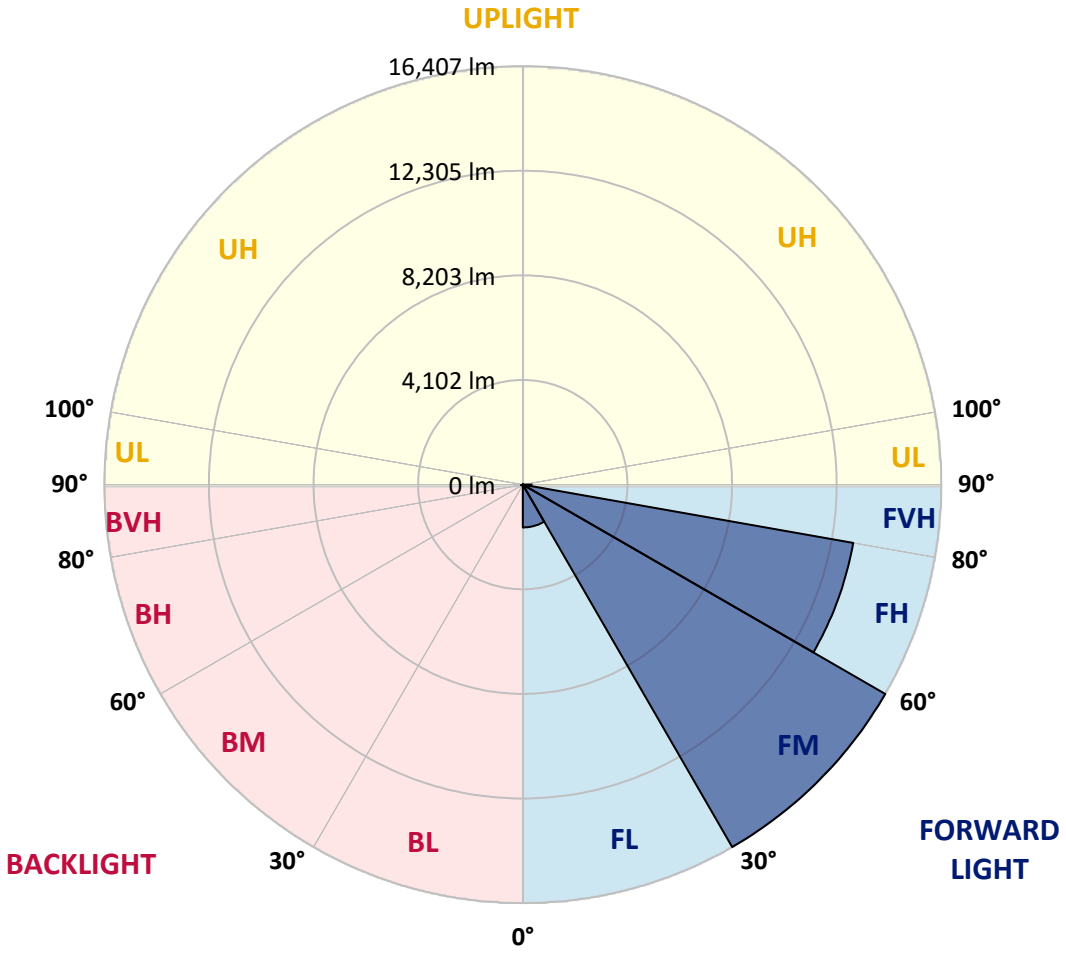
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1677.7	5.3			
FM	(30°-60°)	16406.9	51.8			
FH	(60°-80°)	13152.2	41.5			G5
FVH	(80°-90°)	343.1	1.1			G3/500
BL	(0°-30°)	30.2	0.1	B0/110		
BM	(30°-60°)	27.7	0.1	B0/220		
BH	(60°-80°)	53.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	207.2	207.2	207.2	207.2	207.2	*207.2*	207.2	207.2	207.2	207.2	207.2
2.5°	248.7	257.0	248.7	248.7	248.7	*240.4*	240.4	232.1	232.1	223.8	215.5
5°	364.7	364.7	339.9	323.3	306.7	*298.4*	290.1	273.6	257.0	240.4	223.8
7.5°	812.4	812.4	737.8	638.3	505.7	*431.1*	414.5	339.9	290.1	257.0	223.8
10°	1939.8	1939.8	1774.0	1500.4	1160.6	*862.1*	770.9	489.1	348.2	273.6	232.1
12.5°	3224.7	3266.2	3058.9	2710.7	2205.1	*1682.8*	1500.4	895.3	464.2	298.4	232.1
15°	4377.0	4277.5	4219.5	3887.9	3407.1	*2785.3*	2553.2	1508.7	671.5	339.9	232.1
17.5°	5156.2	5156.2	5073.3	4849.5	4410.1	*3863.0*	3672.3	2437.2	1086.0	389.6	240.4
20°	6068.1	6068.1	5918.9	5761.4	5371.7	*4907.5*	4725.1	3465.1	1682.8	497.4	240.4
22.5°	7170.6	7187.2	7021.4	6739.5	6366.5	*5852.5*	5695.0	4418.4	2437.2	663.2	248.7
25°	8513.5	8530.1	8289.7	8024.5	7452.5	*6897.0*	6656.6	5512.7	3357.3	928.4	248.7
27.5°	9997.4	10113.5	9757.0	9301.1	8695.9	*7999.6*	7817.2	6499.1	4269.2	1309.8	265.3
30°	11846.0	11846.0	11373.5	10735.2	10080.3	*9218.2*	8986.1	7535.4	5239.1	1815.4	281.9
32.5°	13437.6	13313.3	12708.1	12036.7	11340.3	*10536.2*	10287.5	8621.3	6233.9	2445.5	315.0
35°	14656.2	14548.5	13802.4	13081.2	12476.0	*11738.2*	11439.8	9798.5	7286.7	3158.4	364.7
37.5°	15700.7	15659.3	14647.9	13744.4	13346.5	*12699.9*	12434.6	10909.3	8322.9	3929.3	422.8
40°	16844.7	16712.1	15634.4	14515.3	13918.4	*13396.2*	13155.8	11804.6	9317.6	4832.9	505.7
42.5°	17822.9	17665.4	16695.5	15601.3	14581.6	*13877.0*	13644.9	12558.9	10287.5	5736.5	613.4
45°	18908.9	18826.0	17847.8	17018.8	15659.3	*14531.9*	14225.2	13164.1	11174.5	6814.2	754.4
47.5°	20541.9	20392.7	19480.9	18801.1	17226.0	*15526.7*	15087.3	13785.8	12028.4	7875.2	969.9
50°	22440.3	22340.8	21802.0	21263.1	19696.4	*17226.0*	16703.8	14681.1	12981.7	9135.3	1251.7
52.5°	23990.5	23973.9	24040.2	24048.5	22863.1	*20086.0*	19306.8	16123.5	14076.0	10378.7	1649.7
55°	23957.3	24031.9	24761.4	25598.7	25689.9	*23990.5*	23236.1	18552.4	15501.8	11912.3	2205.1
57.5°	23062.0	23004.0	23774.9	25035.0	25922.0	*26104.3*	25980.0	22324.2	17648.8	13760.9	3058.9
58°	*22771.9*	*22722.1*	*23451.6*	*24736.5*	*25756.2*	*26245.3*	*26120.9*	*23178.1*	*18129.6*	*14026.2*	*3291.0*
60°	21719.1	21727.4	22158.4	23327.3	24346.9	*25507.5*	25623.5	25615.2	20525.4	15800.2	4459.9
62.5°	20326.4	20260.1	20658.0	21611.3	22506.6	*23285.8*	23484.8	25781.0	24031.9	18055.0	6689.8
65°	18403.2	18303.7	18726.5	19804.1	20765.8	*21271.4*	21279.7	23559.4	25681.6	20475.6	9873.1
67.5°	14830.3	14747.4	15593.0	16977.4	18461.2	*19124.4*	19422.8	20442.5	24288.9	22117.0	11696.8
70°	9085.5	9259.6	10436.8	12608.7	15145.3	*16363.9*	16811.6	17126.6	20682.9	21868.3	9781.9
72.5°	4194.6	3987.4	4990.4	6507.4	9400.5	*12111.3*	12575.5	13810.7	16397.1	18983.5	7295.0
75°	1956.4	1881.8	2113.9	2843.4	4260.9	*6540.6*	7386.1	11025.3	12575.5	13205.5	5264.0
77.5°	1003.1	1011.3	1202.0	1293.2	1757.4	*3025.7*	3473.4	7253.5	9218.2	7369.6	3531.4
80°	439.4	455.9	464.2	505.7	712.9	*1168.9*	1318.1	3365.6	6300.2	3755.2	1931.5
82.5°	281.9	290.1	290.1	290.1	339.9	*464.2*	530.5	1351.2	3141.8	1865.2	596.9
85°	149.2	149.2	165.8	207.2	240.4	*281.9*	298.4	431.1	1036.2	555.4	140.9
87.5°	82.9	91.2	99.5	124.3	157.5	*190.7*	207.2	298.4	397.9	381.3	33.2
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-SA6C-850-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2	207.2
2.5°	215.5	207.2	199.0	190.7	182.4	174.1	174.1	174.1	174.1	174.1	174.1
5°	207.2	199.0	190.7	174.1	157.5	149.2	140.9	132.6	132.6	132.6	132.6
7.5°	207.2	199.0	174.1	157.5	140.9	124.3	107.8	107.8	107.8	107.8	107.8
10°	207.2	190.7	165.8	140.9	116.1	99.5	91.2	82.9	82.9	82.9	82.9
12.5°	207.2	182.4	157.5	124.3	99.5	82.9	74.6	66.3	66.3	66.3	66.3
15°	207.2	182.4	149.2	116.1	91.2	66.3	58.0	49.7	49.7	49.7	49.7
17.5°	199.0	174.1	140.9	99.5	74.6	49.7	41.4	33.2	33.2	41.4	41.4
20°	190.7	165.8	124.3	82.9	58.0	41.4	24.9	24.9	24.9	24.9	24.9
22.5°	190.7	165.8	116.1	74.6	49.7	24.9	16.6	16.6	16.6	16.6	24.9
25°	190.7	157.5	99.5	58.0	33.2	16.6	8.3	8.3	8.3	8.3	8.3
27.5°	190.7	157.5	91.2	49.7	24.9	16.6	8.3	0.0	0.0	0.0	0.0
30°	182.4	149.2	82.9	41.4	16.6	8.3	0.0	0.0	0.0	0.0	0.0
32.5°	182.4	140.9	66.3	33.2	16.6	8.3	0.0	0.0	0.0	0.0	0.0
35°	190.7	132.6	58.0	24.9	8.3	0.0	0.0	0.0	0.0	0.0	8.3
37.5°	199.0	124.3	49.7	16.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	207.2	116.1	49.7	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	223.8	116.1	41.4	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	240.4	116.1	33.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	273.6	124.3	33.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	298.4	132.6	24.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	331.6	124.3	24.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	373.0	124.3	24.9	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	406.2	116.1	24.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*422.8*	*107.8*	*16.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	505.7	99.5	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	787.5	82.9	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1599.9	74.6	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2984.3	66.3	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3340.8	74.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2105.6	58.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1110.8	58.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	555.4	58.0	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	257.0	41.4	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	107.8	24.9	16.6	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	49.7	24.9	16.6	16.6	8.3	8.3	0.0	0.0	0.0	0.0	0.0
87.5°	24.9	24.9	24.9	16.6	16.6	8.3	8.3	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

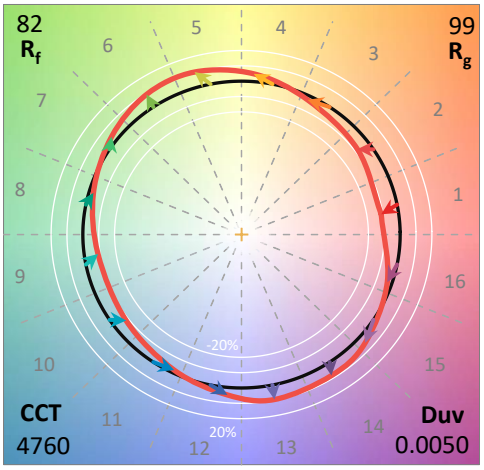
Test Information

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

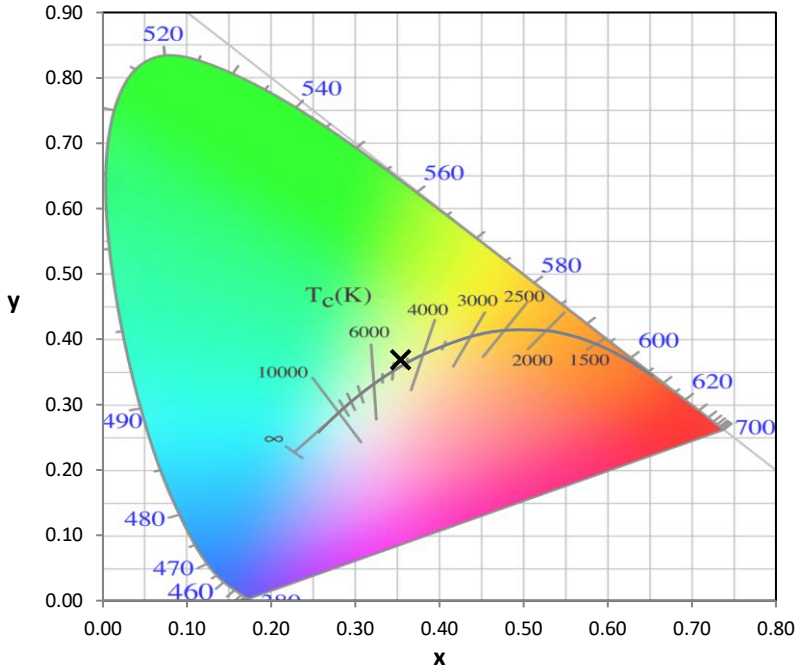
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

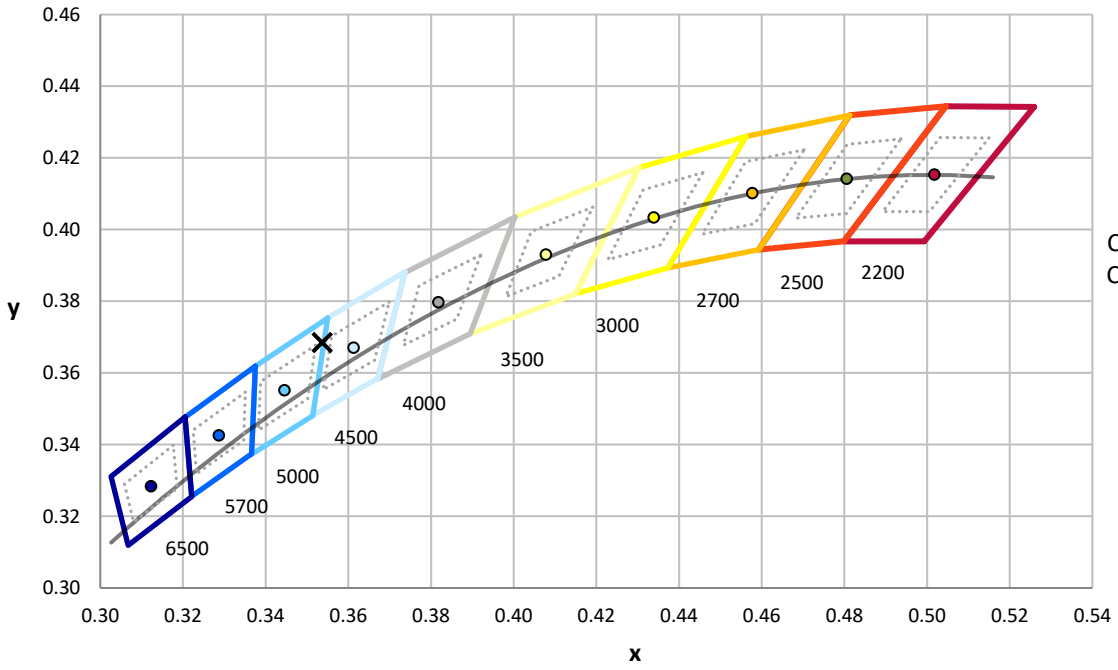
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

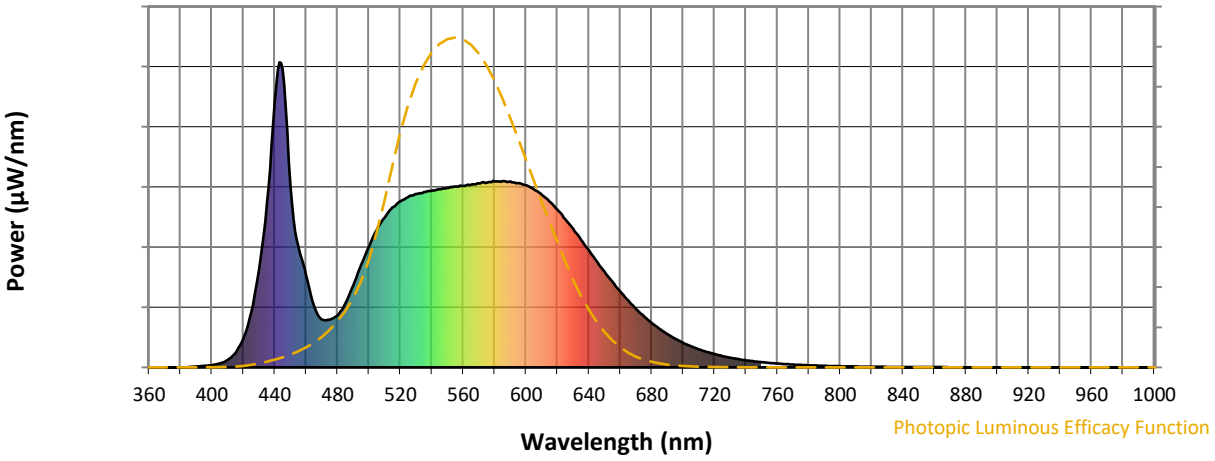


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

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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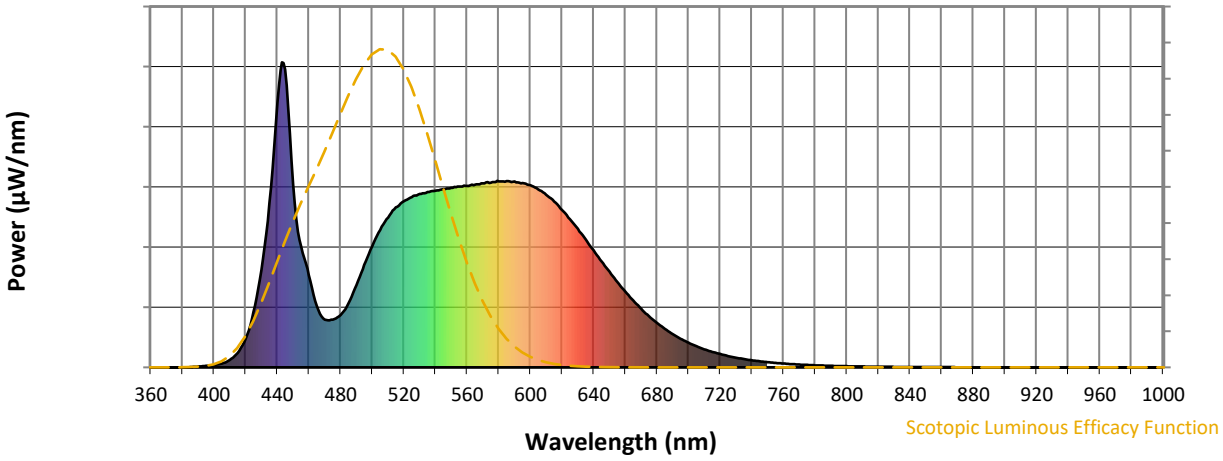
Scotopic Flux vs. Wavelength



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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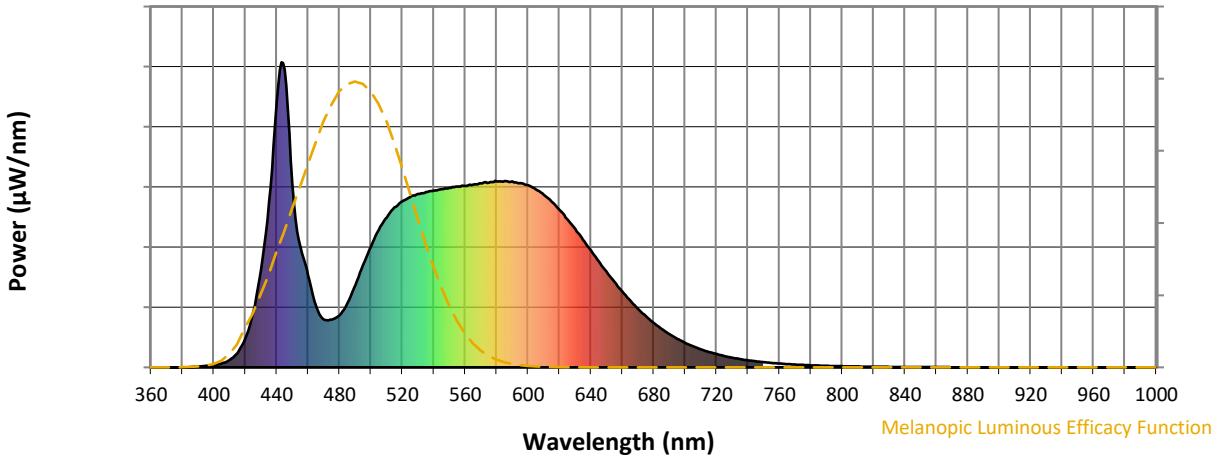
Melanopic Flux vs. Wavelength



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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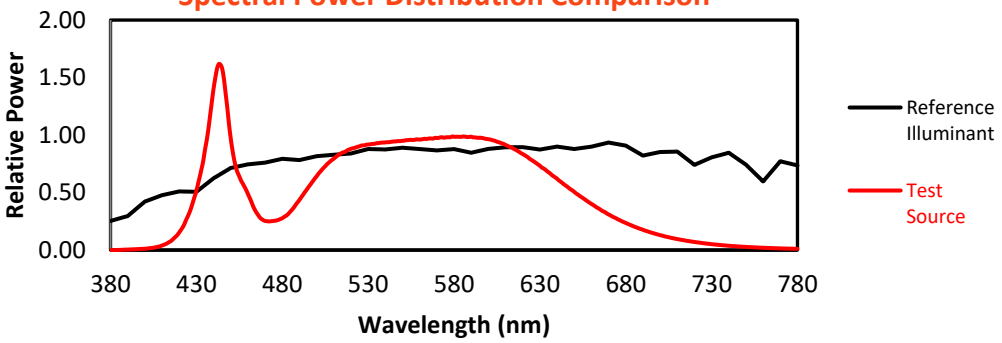
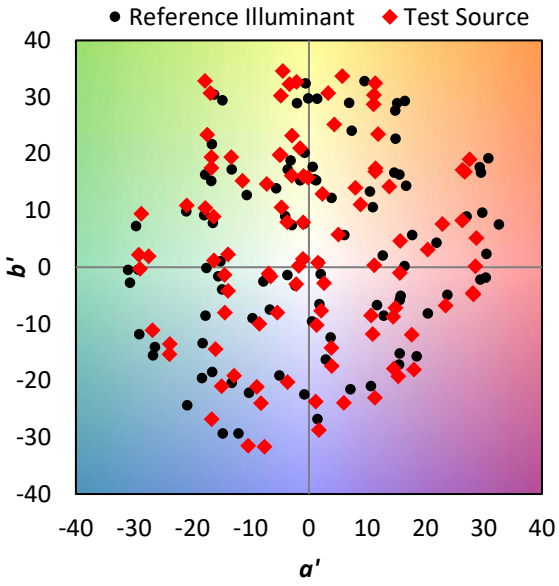
Summary

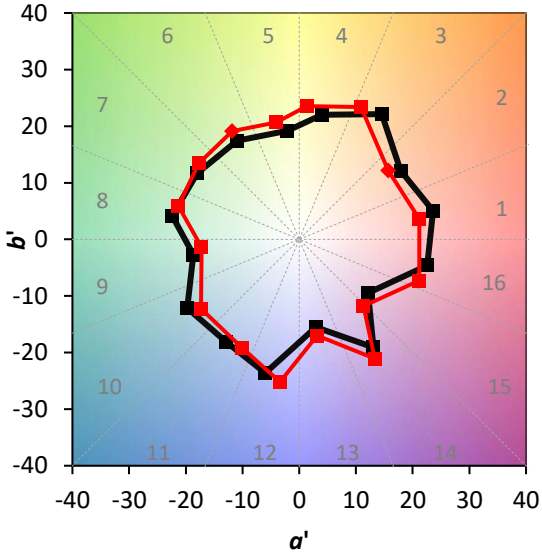
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

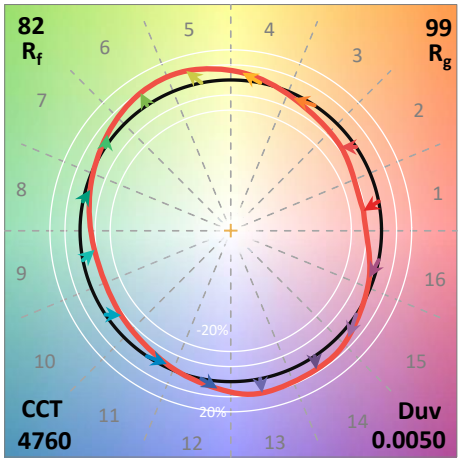
Spectral Power Distribution Comparison

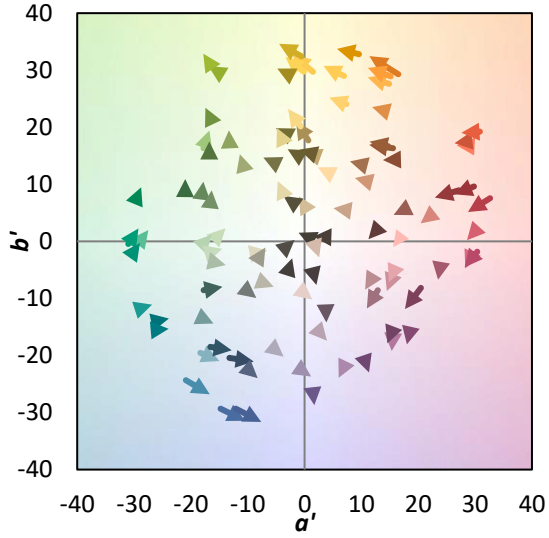


Color Vector Graphics









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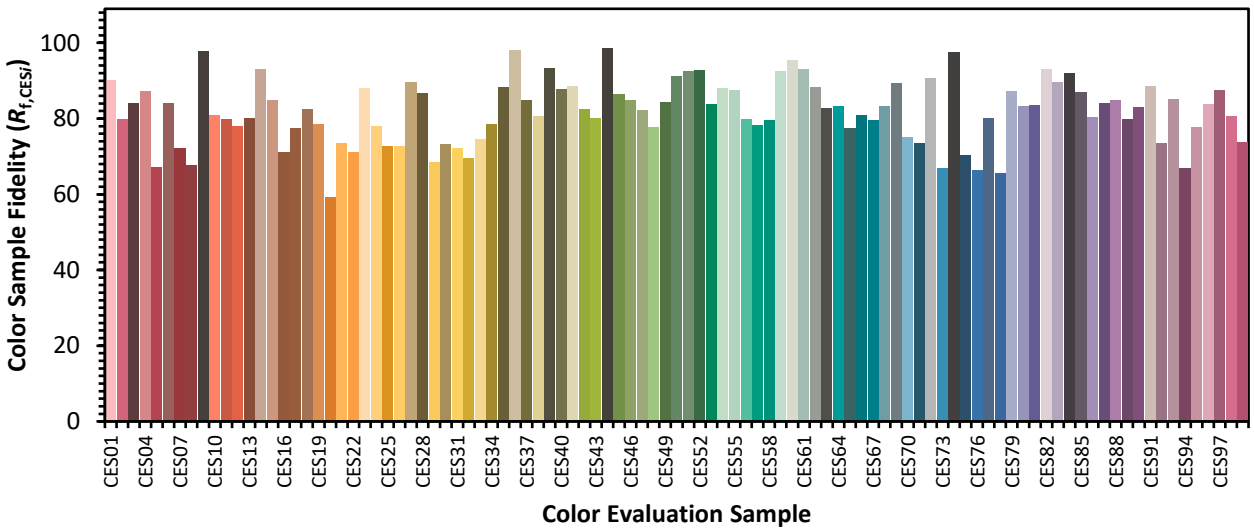
Individual Sample Fidelity Index ($R_{f,i}$)

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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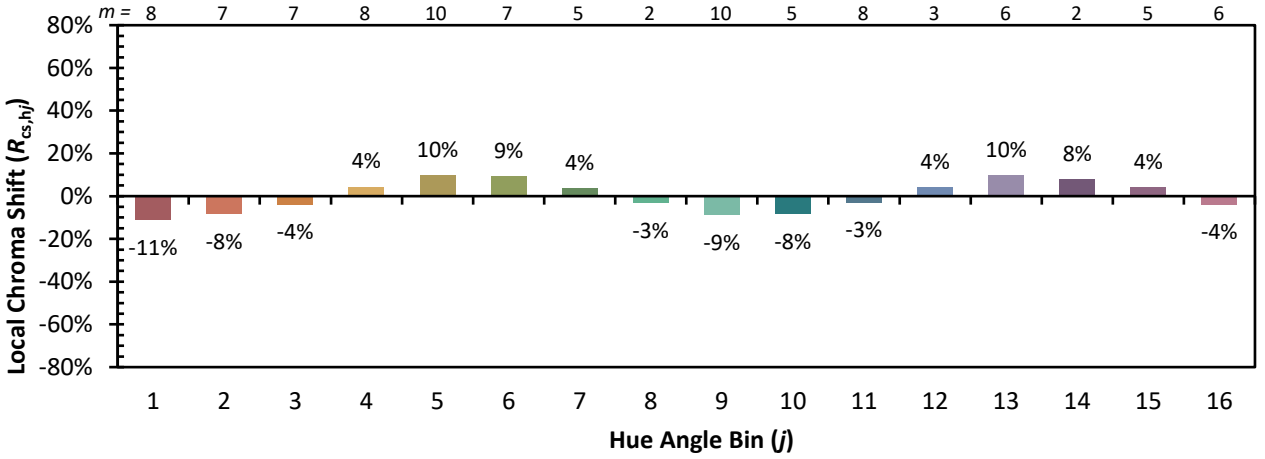
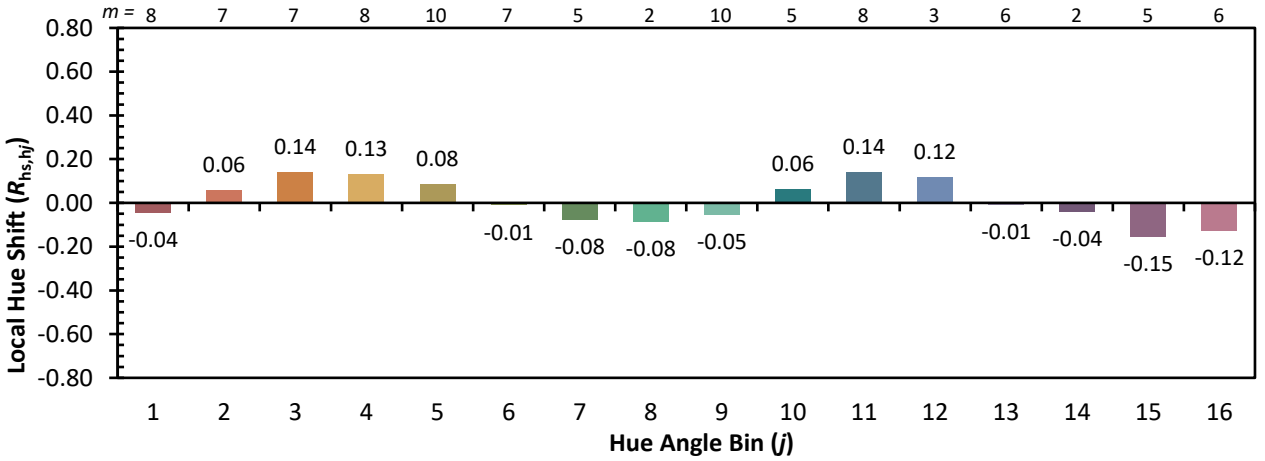
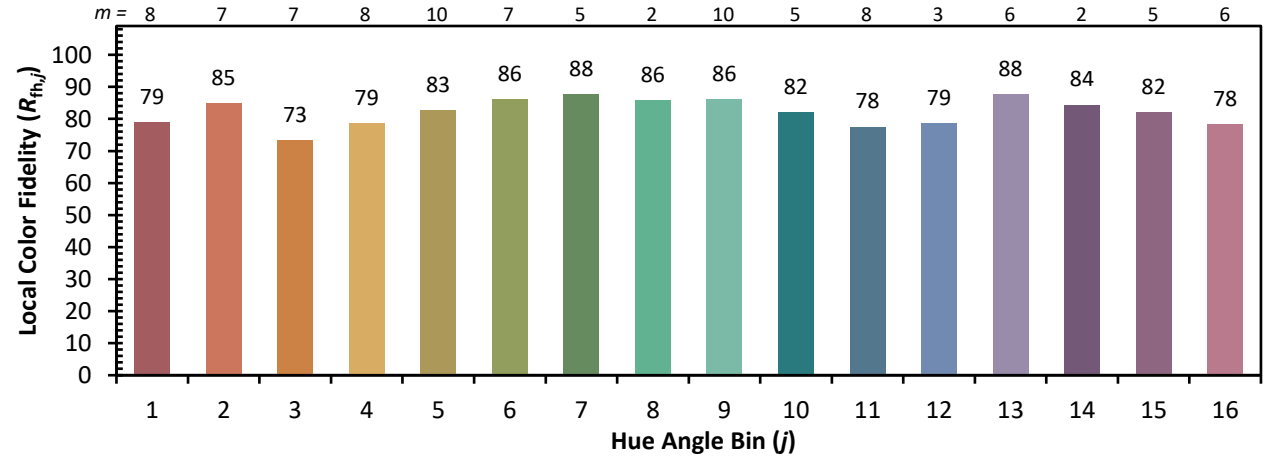
Color Rendition by Hue-Angle Bin







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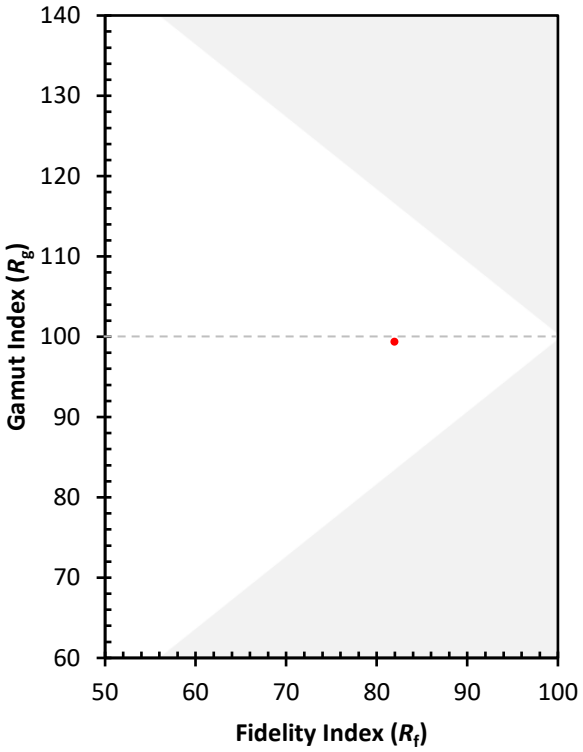
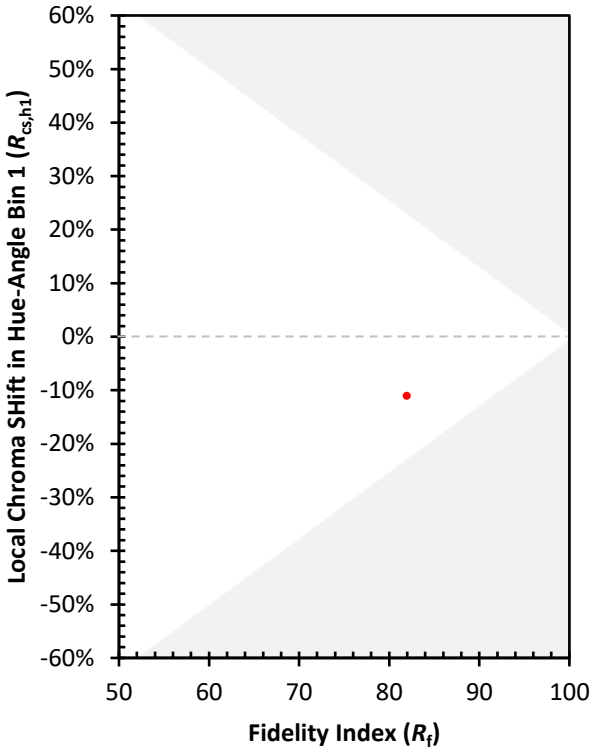
Measure Comparisons





(END OF REPORT)