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: P1048174

Luminaire Tested: **GALN-SA3B-940-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:	P1048174
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA3B-940-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(42) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10259.8 lumens
Efficiency:	N/A
Efficacy:	96.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	106.2
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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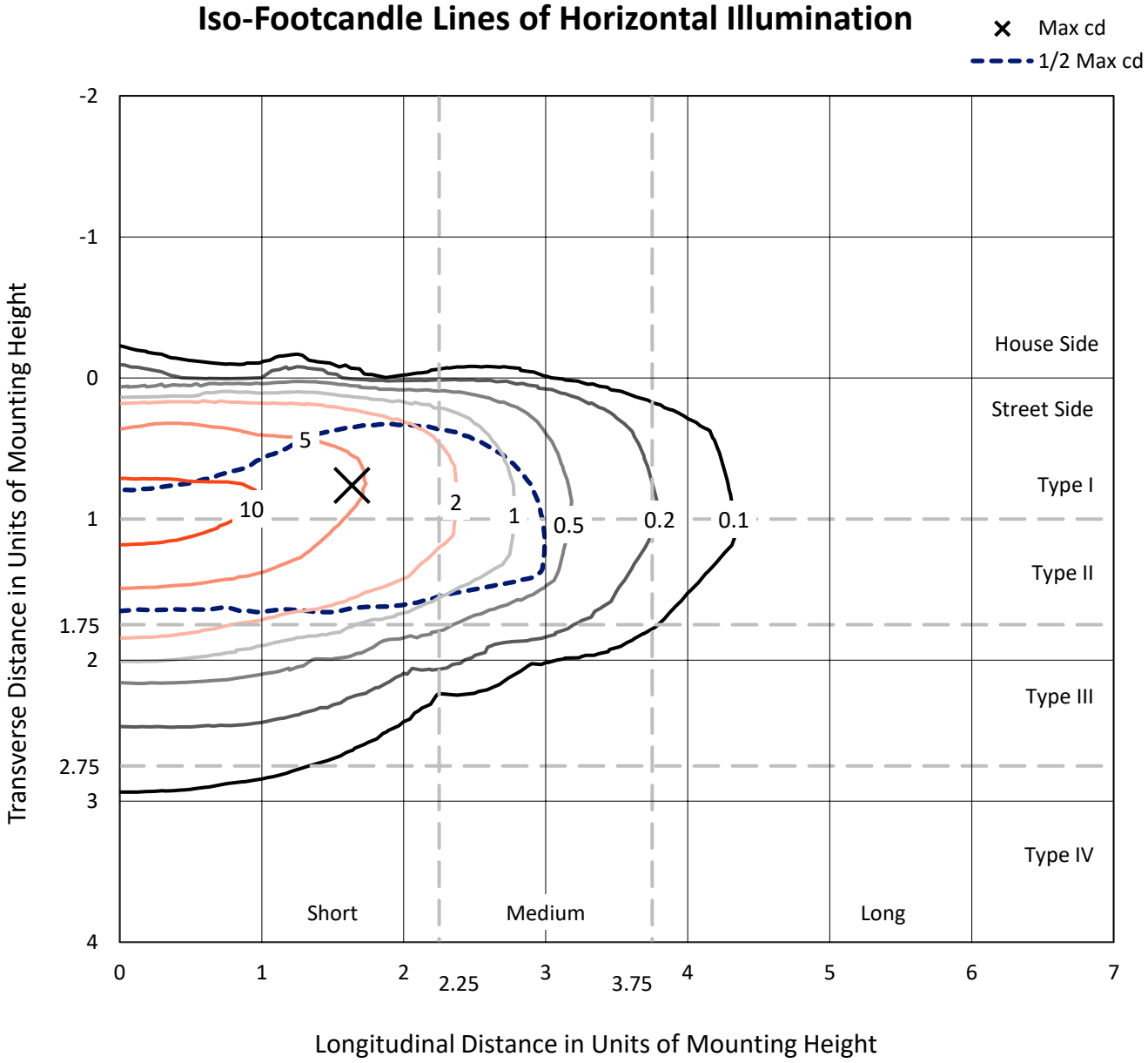
REPORT NUMBER: P1048174
CATALOG NUMBER: GALN-SA3B-940-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 13.6 fc
Type II - Short - N/A

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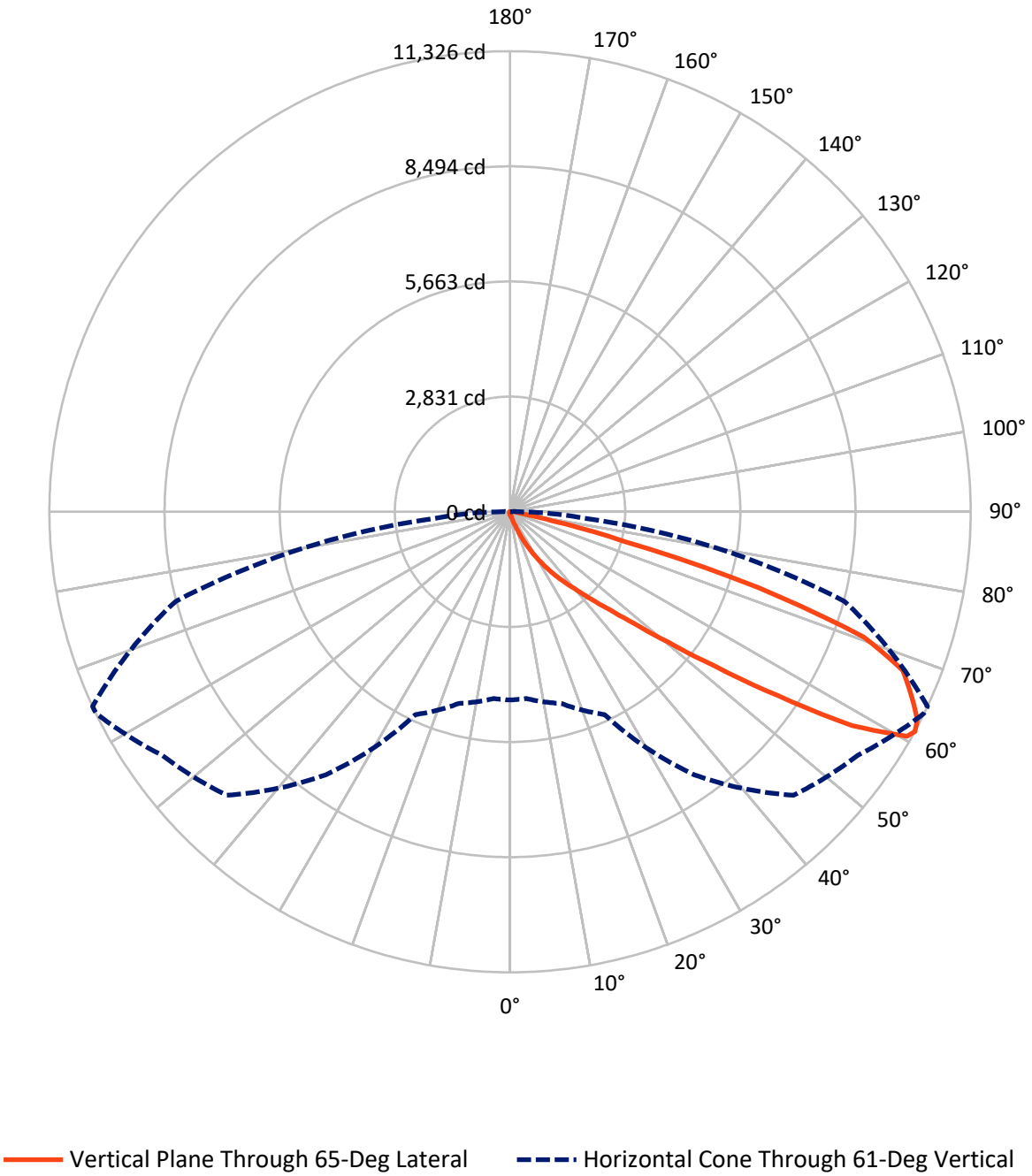
Luminous Intensity Polar Plot



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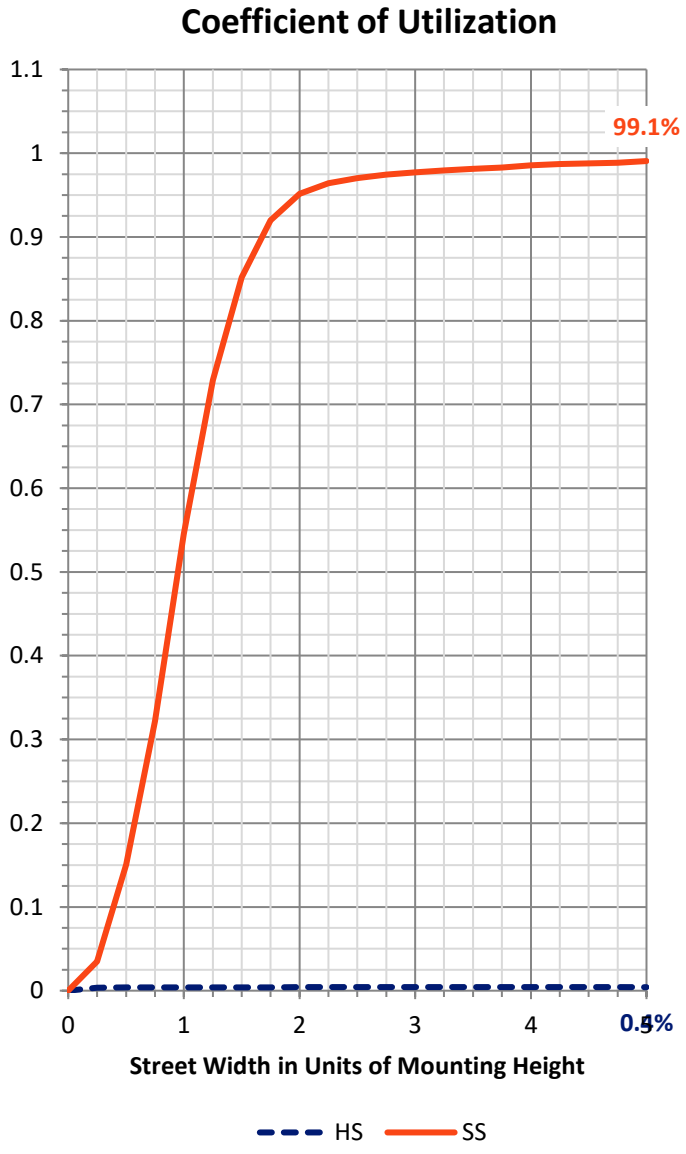
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	43.8	0.0	43.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10216.1	0.0	10216.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	10259.8	0.0	10259.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.1
10°-20°	84.4	0.8
20°-30°	302.8	3.0
30°-40°	806.1	7.9
40°-50°	2117.7	20.6
50°-60°	3280.7	32.0
60°-70°	2750.8	26.8
70°-80°	809.5	7.9
80°-90°	99.9	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°	10259.8	100.0
0°-180°	10259.8	100.0



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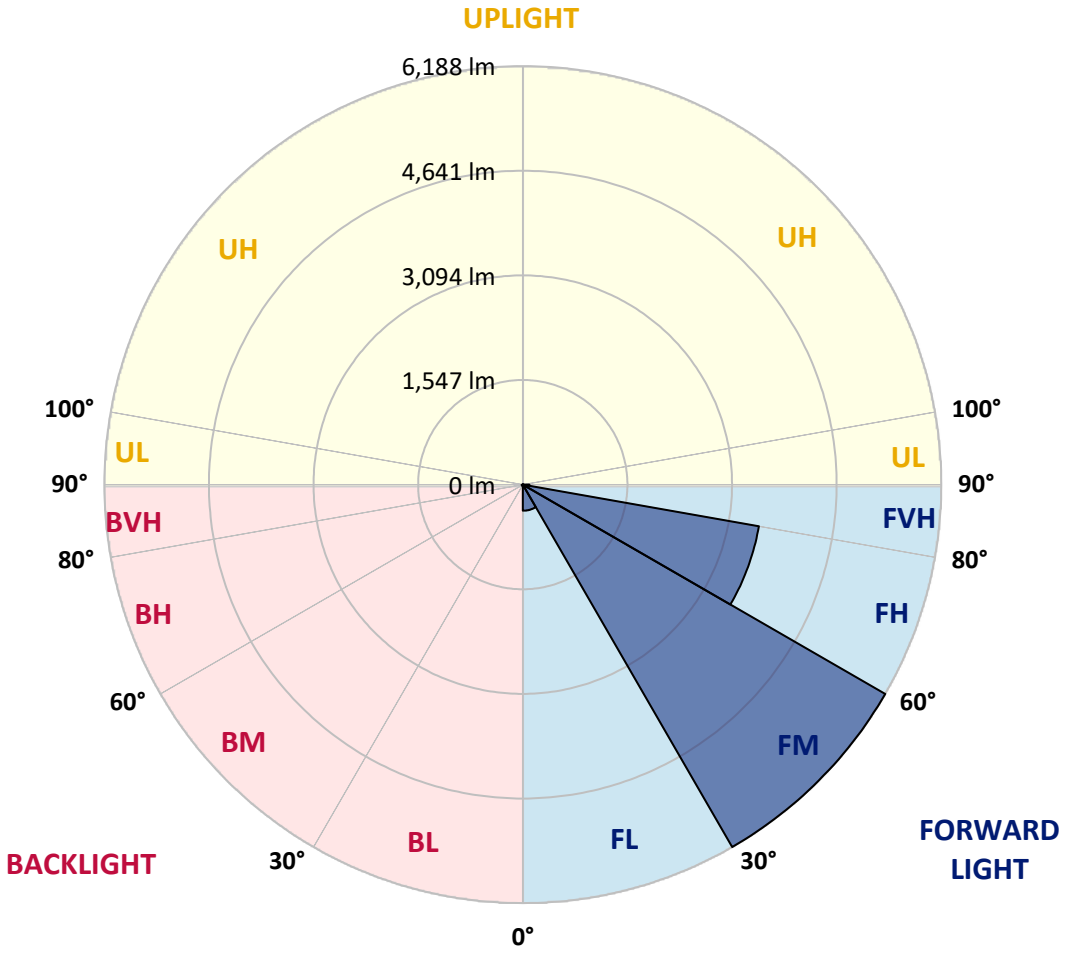
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	385.3	3.8			
FM	(30°-60°)	6187.9	60.3			
FH	(60°-80°)	3544.9	34.6			G2/5000
FVH	(80°-90°)	98.0	1.0			G1/100
BL	(0°-30°)	9.8	0.1	B0/110		
BM	(30°-60°)	16.7	0.2	B0/220		
BH	(60°-80°)	15.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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-G2
Type II Short



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REPORT NUMBER: P1048174
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	*62.8*	62.8	62.8
2.5°	76.2	76.9	75.5	72.7	70.6	70.6	69.9	67.8	*67.8*	65.6	64.2
5°	106.6	105.2	102.3	96.7	91.7	86.8	81.9	76.9	*76.2*	69.9	65.6
7.5°	174.3	175.7	166.6	148.9	134.1	115.0	97.4	86.8	*85.4*	74.8	66.3
10°	382.5	371.9	350.8	282.3	232.2	175.0	129.9	100.9	*99.5*	80.5	67.8
12.5°	697.3	688.8	650.0	579.4	450.3	313.4	189.9	124.9	*120.7*	85.4	68.5
15°	1005.0	991.6	970.4	899.1	748.1	561.8	310.5	170.8	*159.5*	92.5	67.8
17.5°	1201.2	1203.3	1184.3	1153.9	1056.5	831.4	536.4	254.8	*232.9*	105.2	66.3
20°	1372.7	1367.8	1378.4	1362.1	1293.7	1129.9	780.6	403.7	*366.3*	125.6	67.0
22.5°	1570.3	1582.3	1590.1	1586.6	1511.0	1371.3	1057.9	604.1	*556.9*	163.0	69.2
25°	1835.0	1833.6	1834.3	1825.1	1751.7	1596.4	1336.0	853.3	*805.3*	223.7	74.1
27.5°	2112.4	2120.8	2124.4	2091.2	1995.2	1842.8	1593.6	1125.7	*1069.2*	321.1	80.5
30°	2491.4	2484.3	2468.1	2400.3	2283.9	2094.7	1847.7	1411.5	*1352.3*	457.3	90.3
32.5°	3002.3	2994.6	2912.7	2763.1	2588.8	2357.3	2103.2	1698.1	*1626.1*	627.4	103.7
35°	3844.3	3856.3	3655.2	3267.7	2955.1	2672.7	2386.2	1983.2	*1919.7*	837.0	122.1
37.5°	5133.8	5068.1	4795.0	4110.4	3437.1	3066.6	2656.5	2271.2	*2216.1*	1095.4	146.1
40°	6386.5	6321.6	6242.5	5593.9	4274.8	3500.6	3034.8	2609.2	*2537.9*	1386.8	181.4
42.5°	7703.5	7667.5	7663.9	7174.8	5803.5	4183.1	3490.0	3005.2	*2944.5*	1706.5	239.3
45°	8636.5	8600.5	8676.0	8761.4	7885.5	5645.4	4282.6	3519.7	*3431.4*	2094.7	331.7
47.5°	8762.1	8763.5	8965.4	9232.9	9432.6	7907.4	5338.4	4201.4	*4094.2*	2650.2	487.0
50°	8344.3	8360.5	8681.7	9160.2	9698.0	9805.2	7200.2	5190.9	*5032.1*	3308.6	707.2
52.5°	7548.9	7567.2	8014.7	8801.6	9453.8	10261.2	9392.4	6485.3	*6302.5*	4130.2	1017.7
55°	6832.5	6843.8	7356.9	8351.4	9159.5	10013.4	10693.8	8213.7	*7973.8*	5140.8	1324.0
57.5°	6123.2	6097.1	6431.0	7569.4	9109.3	9709.3	10885.8	10183.5	*9918.9*	6245.3	1562.6
60°	5174.7	5130.9	5399.1	6123.2	8450.2	9909.0	10526.5	11273.2	*11213.2*	7783.2	1746.8
61°	*4629.1*	*4610.8*	*4880.4*	*5501.5*	*7895.4*	*9858.2*	*10440.4*	*11319.1*	*11325.5*	*8510.9*	*1829.4*
62.5°	3305.8	3358.0	3770.2	4577.6	6613.0	9528.6	10451.7	11177.2	*11240.1*	9477.8	2043.2
65°	1469.4	1553.4	1873.8	2530.9	3845.7	7926.5	10351.5	10866.0	*10835.0*	9743.1	2780.0
67.5°	871.6	884.3	1043.8	1434.1	2036.8	4263.5	9134.8	10454.5	*10412.9*	8481.9	3459.0
70°	686.7	693.1	743.9	899.9	1182.2	1633.1	5213.5	9045.1	*9226.5*	6877.7	3386.3
72.5°	651.4	650.0	657.1	684.6	744.6	810.2	2018.5	6012.4	*6381.6*	4953.1	2839.3
75°	643.0	640.1	633.1	622.5	539.2	477.1	625.3	2659.3	*2873.2*	3384.2	2137.8
77.5°	623.9	624.6	626.0	597.1	462.3	337.4	302.8	853.3	*1049.5*	2147.7	1519.5
80°	422.0	428.4	439.0	427.7	415.7	244.2	213.8	303.5	*307.7*	1205.5	1003.6
82.5°	213.8	213.8	208.9	186.3	160.9	158.8	170.1	220.2	*223.0*	609.8	472.2
85°	129.2	136.2	139.0	126.3	115.7	106.6	129.9	175.0	*181.4*	236.4	110.1
87.5°	28.9	29.6	32.5	43.1	62.8	85.4	120.7	160.2	*163.0*	151.7	13.4
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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REPORT NUMBER: P1048174
CATALOG NUMBER: GALN-SA3B-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
2.5°	63.5	62.1	61.4	59.3	57.2	55.0	53.6	52.9	53.6	54.3	54.3
5°	62.8	60.7	57.2	53.6	50.8	48.0	45.2	44.5	44.5	45.2	45.2
7.5°	62.8	59.3	54.3	50.1	45.9	41.6	39.5	38.1	38.8	38.8	38.8
10°	62.8	58.6	52.2	45.9	40.9	36.0	32.5	31.1	31.1	31.1	31.1
12.5°	62.1	57.9	50.1	42.3	35.3	29.6	25.4	23.3	24.0	24.0	24.0
15°	60.7	55.8	47.3	36.0	28.2	22.6	18.3	16.2	16.9	18.3	19.1
17.5°	58.6	53.6	42.3	30.3	22.6	16.9	12.7	11.3	12.0	14.1	14.1
20°	57.9	51.5	37.4	24.7	16.9	12.0	8.5	7.1	7.8	10.6	11.3
22.5°	57.9	50.1	33.9	20.5	12.7	7.8	4.9	2.8	2.8	4.9	4.9
25°	58.6	49.4	31.1	16.9	9.2	5.6	2.8	1.4	2.8	7.8	9.2
27.5°	60.0	48.7	29.6	14.1	7.1	4.9	2.1	4.9	8.5	8.5	8.5
30°	61.4	47.3	27.5	12.0	6.4	3.5	3.5	7.1	7.1	8.5	9.2
32.5°	63.5	46.6	26.1	10.6	4.9	2.8	4.9	4.2	4.2	4.9	5.6
35°	67.8	47.3	24.7	10.6	4.9	3.5	4.2	2.1	1.4	1.4	1.4
37.5°	73.4	48.0	22.6	9.2	4.2	4.2	2.1	0.0	0.0	0.0	0.0
40°	82.6	50.1	21.2	8.5	3.5	3.5	0.7	0.0	0.0	0.0	0.0
42.5°	98.1	54.3	20.5	7.8	3.5	2.8	0.0	0.0	0.0	0.0	0.0
45°	129.2	64.2	19.1	7.1	3.5	1.4	0.0	0.0	0.0	0.0	0.0
47.5°	185.6	87.5	18.3	5.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	271.0	118.6	17.6	4.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	345.8	124.9	12.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	354.3	86.1	9.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	282.3	55.8	7.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	213.8	42.3	7.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*205.4*	*38.1*	*7.1*	*0.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	226.6	33.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	368.4	27.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	640.1	24.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	808.8	22.6	4.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	705.1	20.5	4.2	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	424.2	17.6	4.2	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	222.3	13.4	4.2	3.5	2.1	0.7	0.0	0.0	0.0	0.0	0.0
80°	108.0	12.0	4.9	3.5	2.8	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	42.3	9.9	5.6	4.9	3.5	2.1	0.7	0.0	0.0	0.0	0.0
85°	19.1	8.5	6.4	5.6	4.9	2.8	0.7	0.0	0.0	0.0	0.0
87.5°	9.9	7.8	7.1	6.4	4.9	3.5	1.4	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

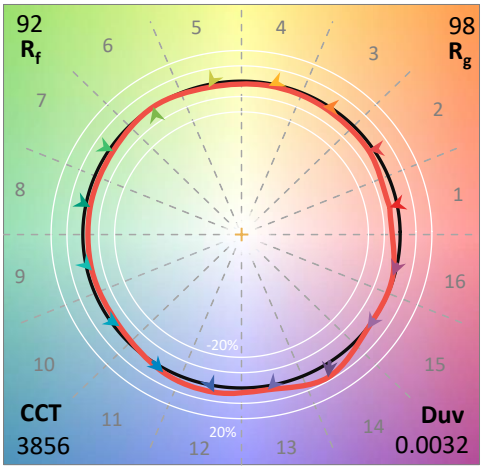
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-16
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-940-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3856
CIE u':	0.2261
CIE v':	0.5084
Duv:	0.0032
CIE x:	0.3896
CIE y:	0.3894
CIE z:	0.2211
Peak Wavelength (nm):	614
Dominant Wavelength (nm):	578
Purity:	33.77304
Rf:	91.8
Rg:	98.4

CRI (Ra):	92.1
R1:	91.8
R2:	94.1
R3:	95.3
R4:	92.8
R5:	91.0
R6:	91.6
R7:	95.0
R8:	85.2
R9:	60.7
R10:	85.2
R11:	92.4
R12:	74.5
R13:	92.3
R14:	97.0
R15:	88.5



Test Conditions

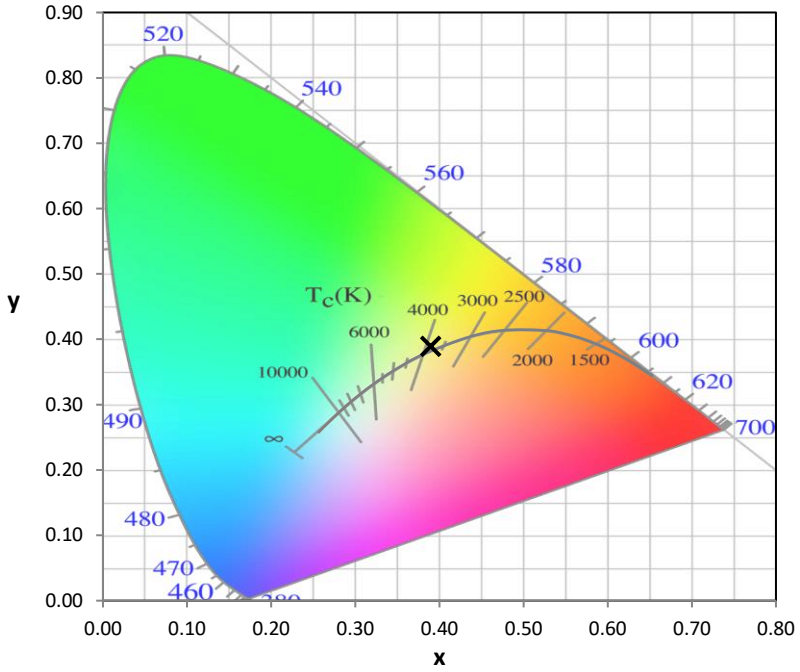
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

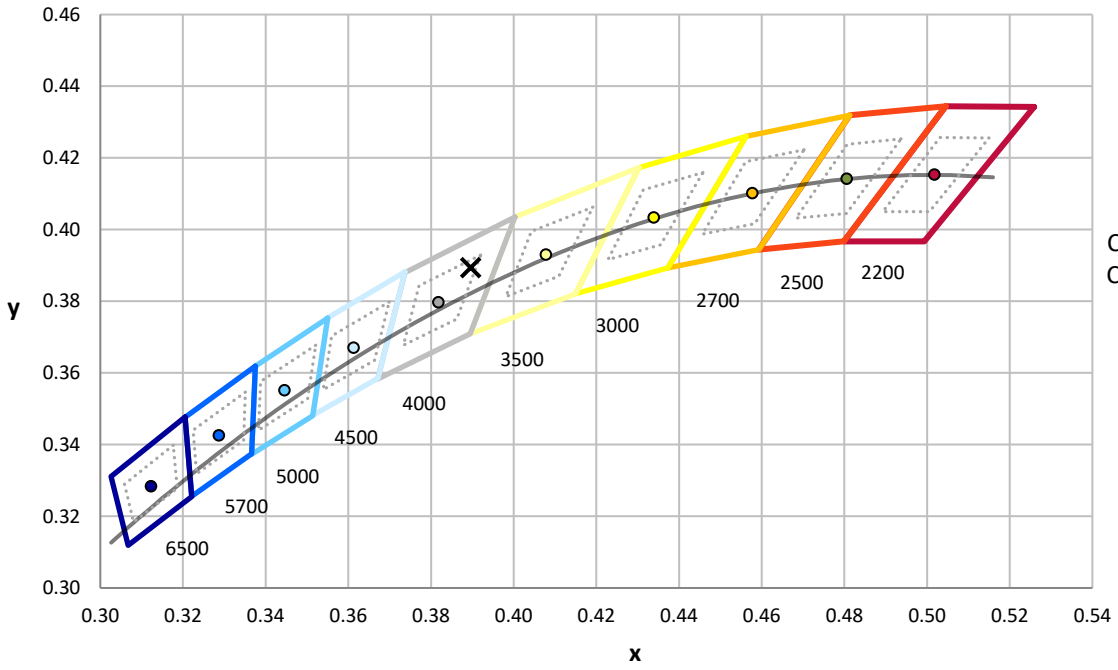
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



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

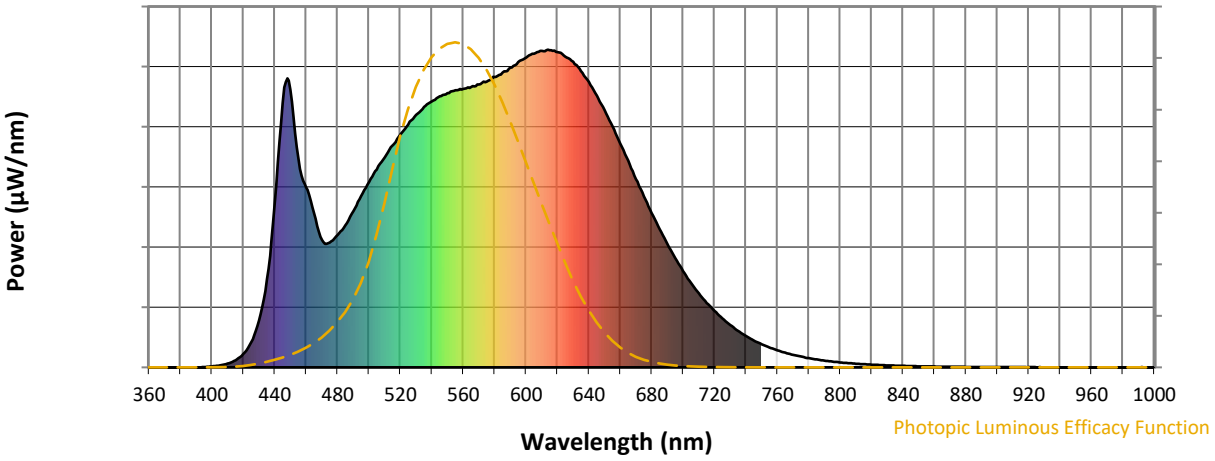


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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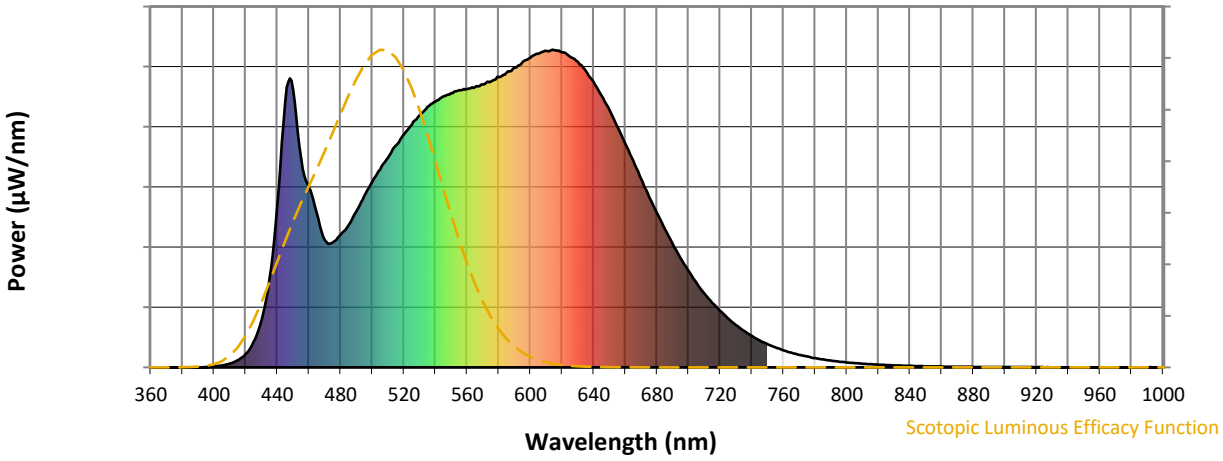
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.72**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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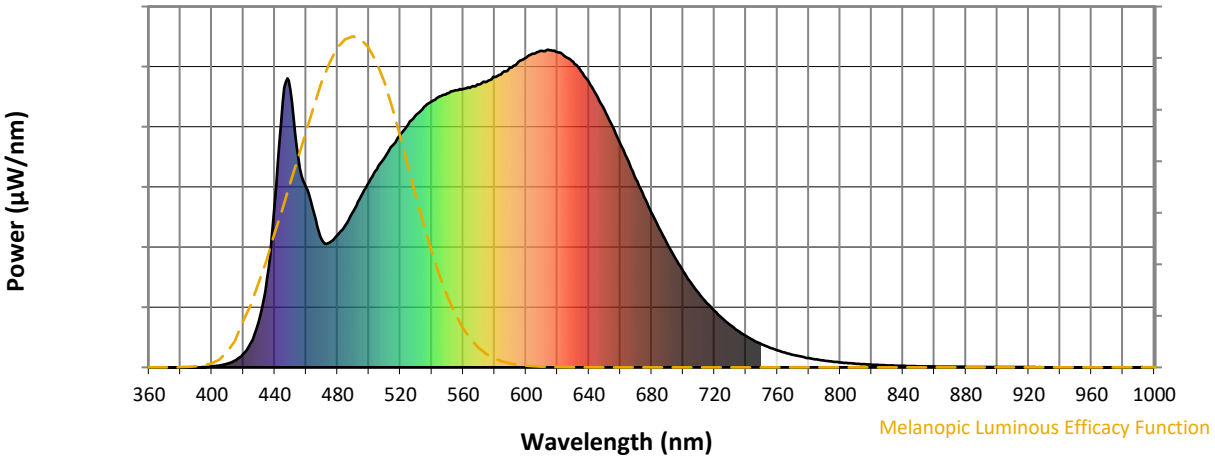
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.52**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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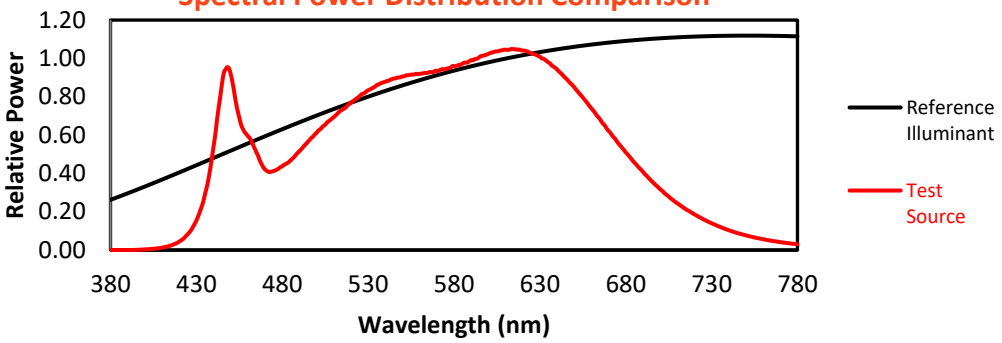
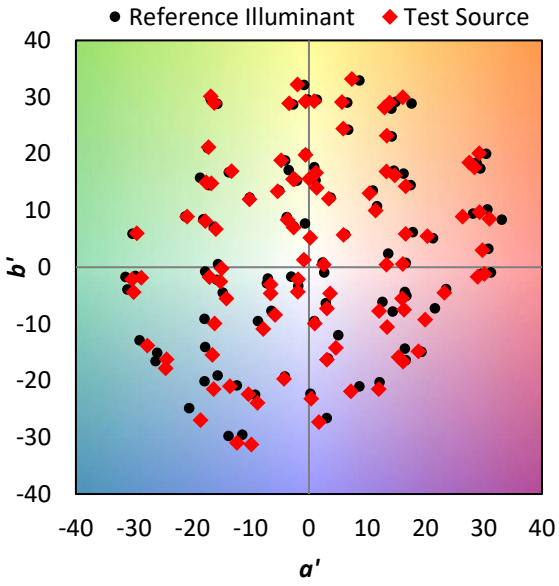
Summary

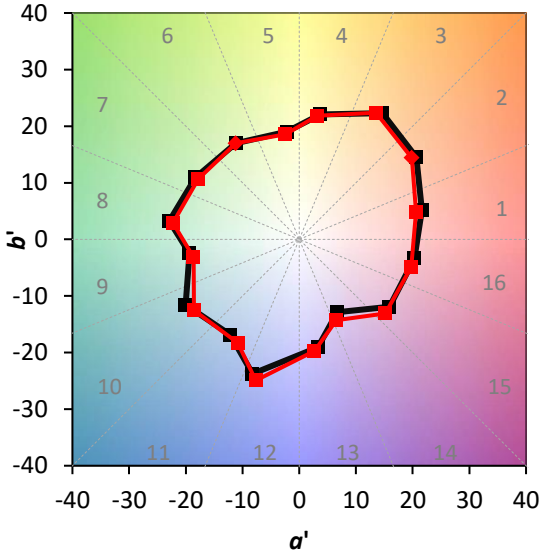
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

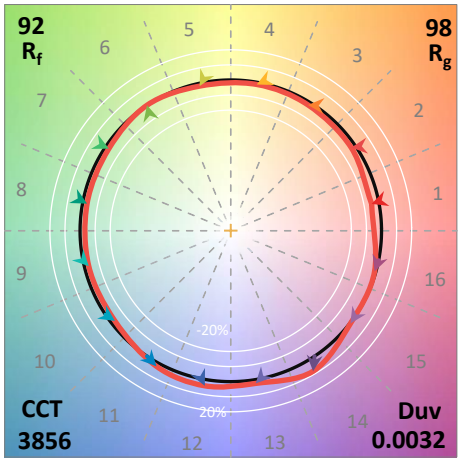
Spectral Power Distribution Comparison

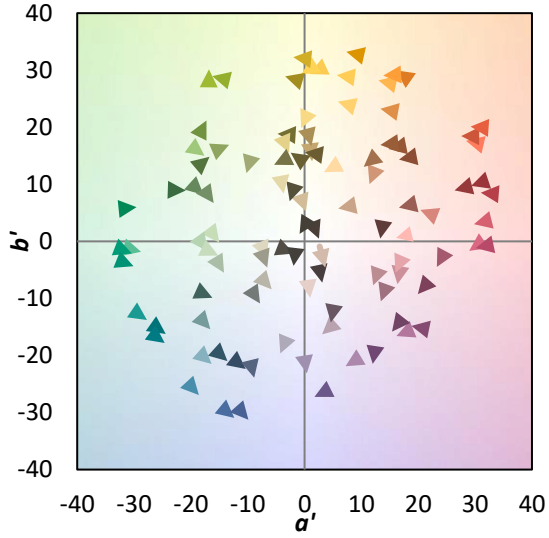


Color Vector Graphics









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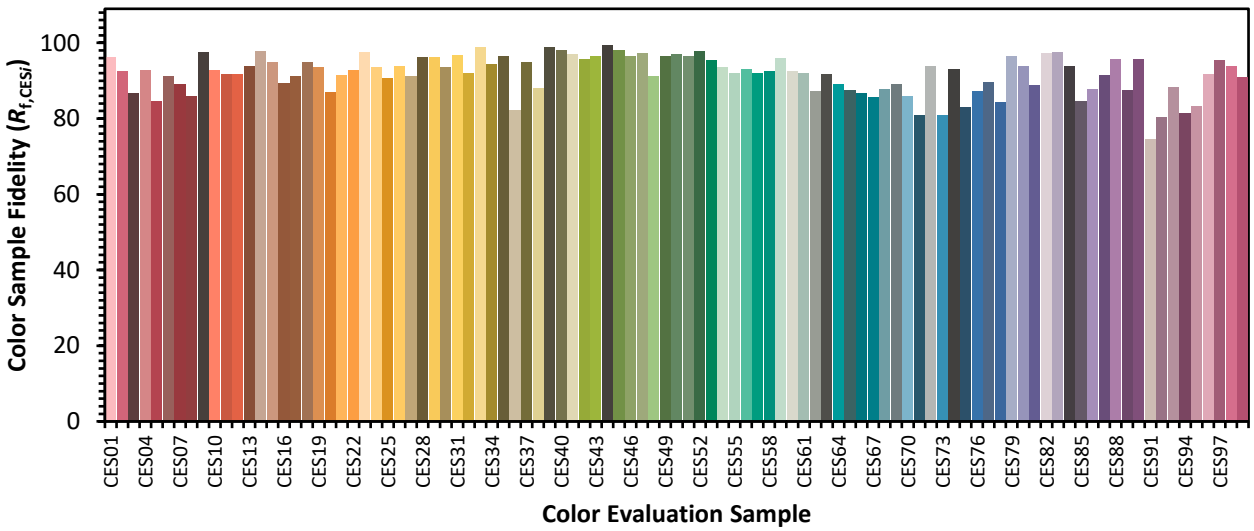
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



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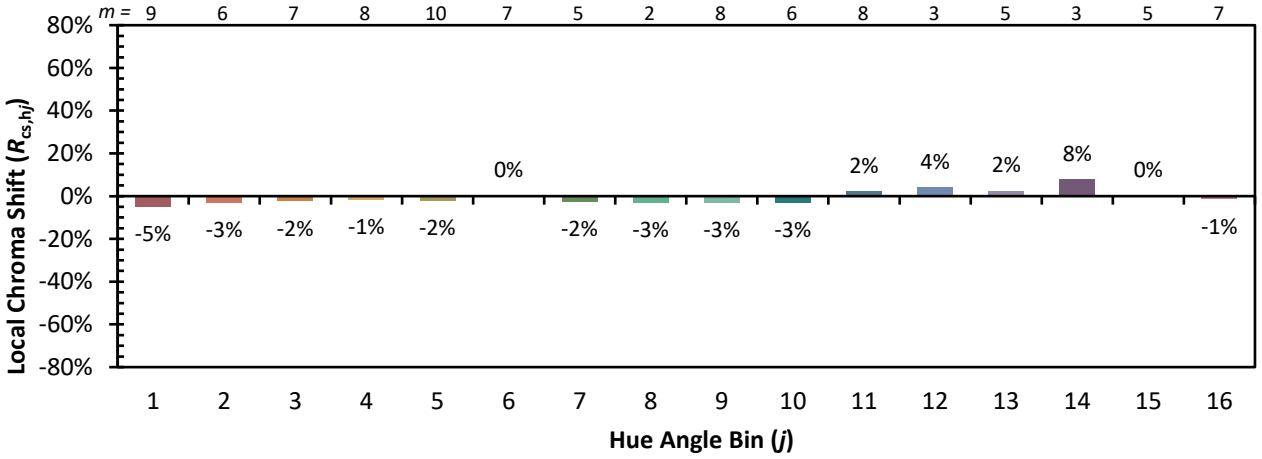
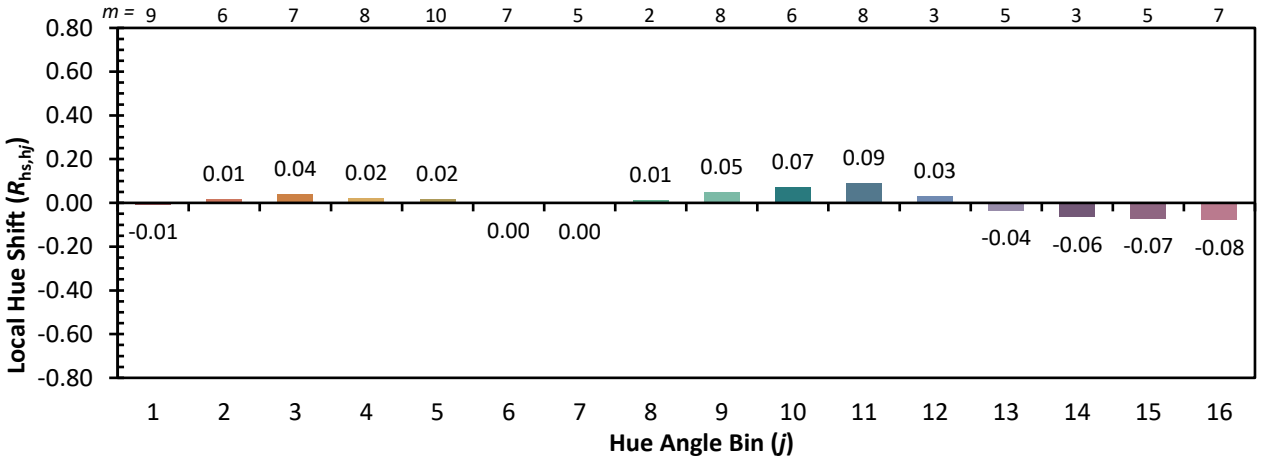
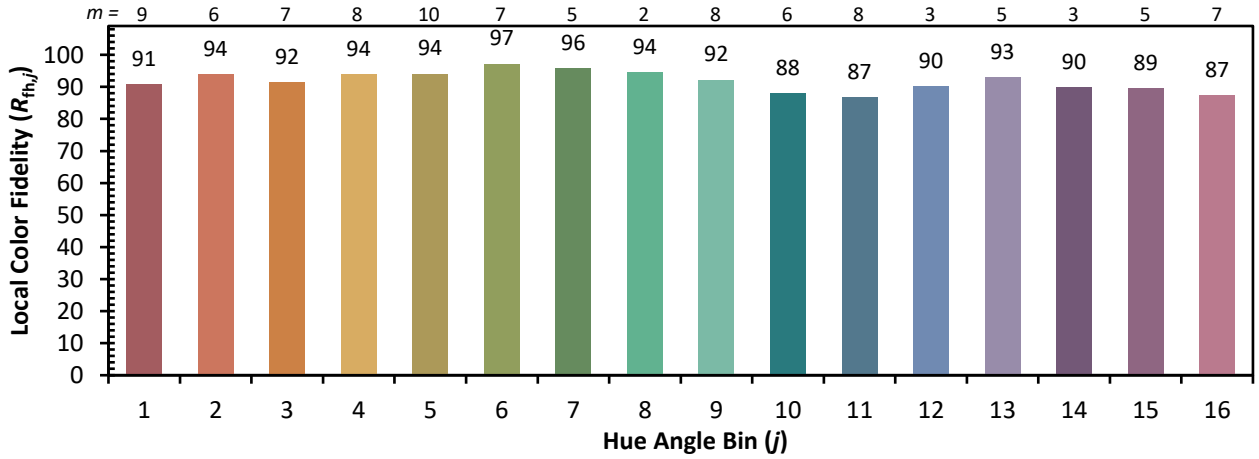
Color Rendition by Hue-Angle Bin







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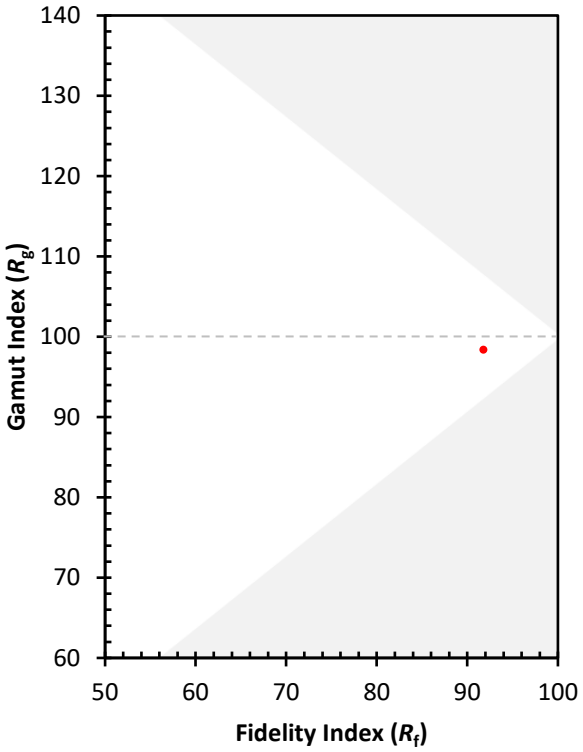
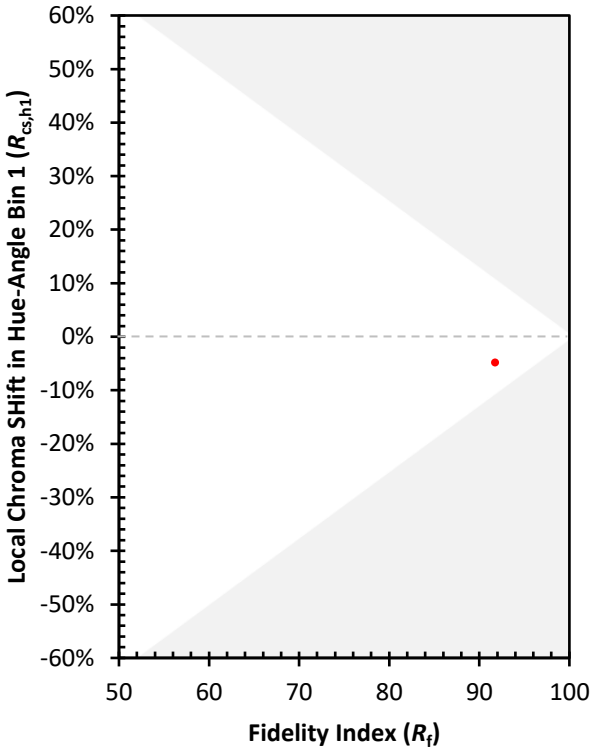
Measure Comparisons





(END OF REPORT)