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: P1048178

Luminaire Tested: **GALN-SA4B-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:	P1048178
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA4B-940-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(56) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13149.4 lumens
Efficiency:	N/A
Efficacy:	91.3 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):	144.1
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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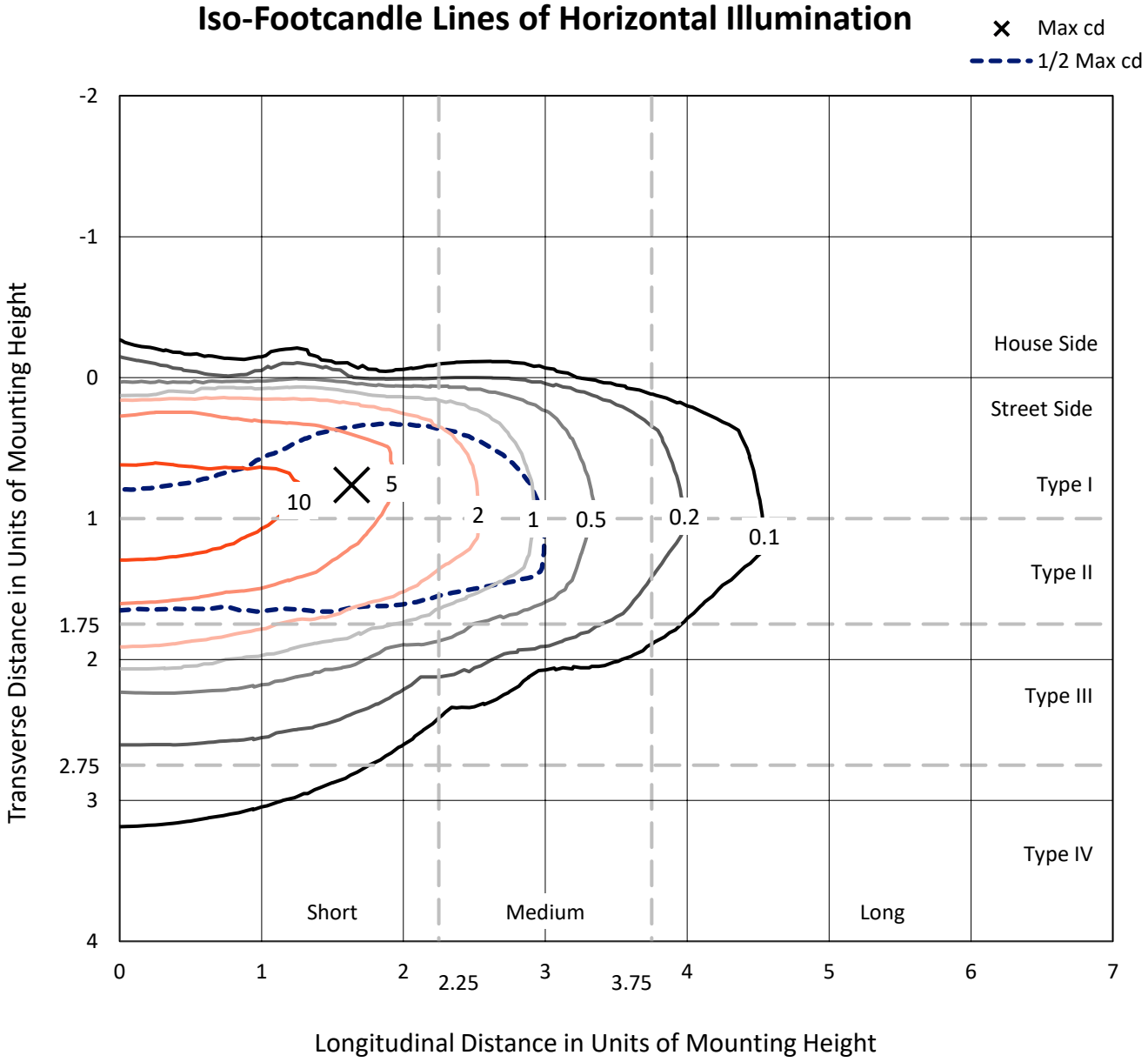
REPORT NUMBER: P1048178
CATALOG NUMBER: GALN-SA4B-940-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 17.4 fc
Type II - Short - N/A

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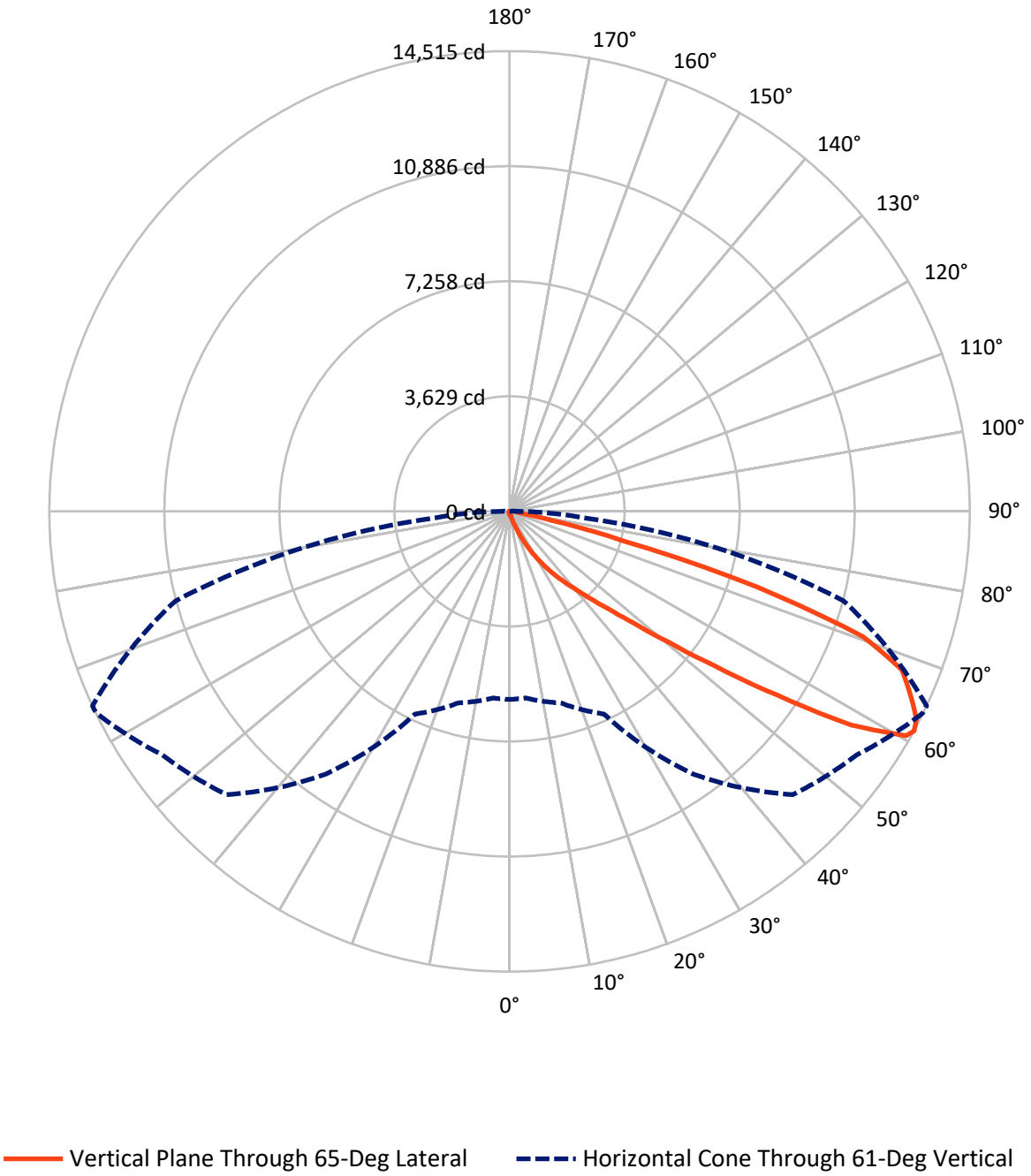
Luminous Intensity Polar Plot



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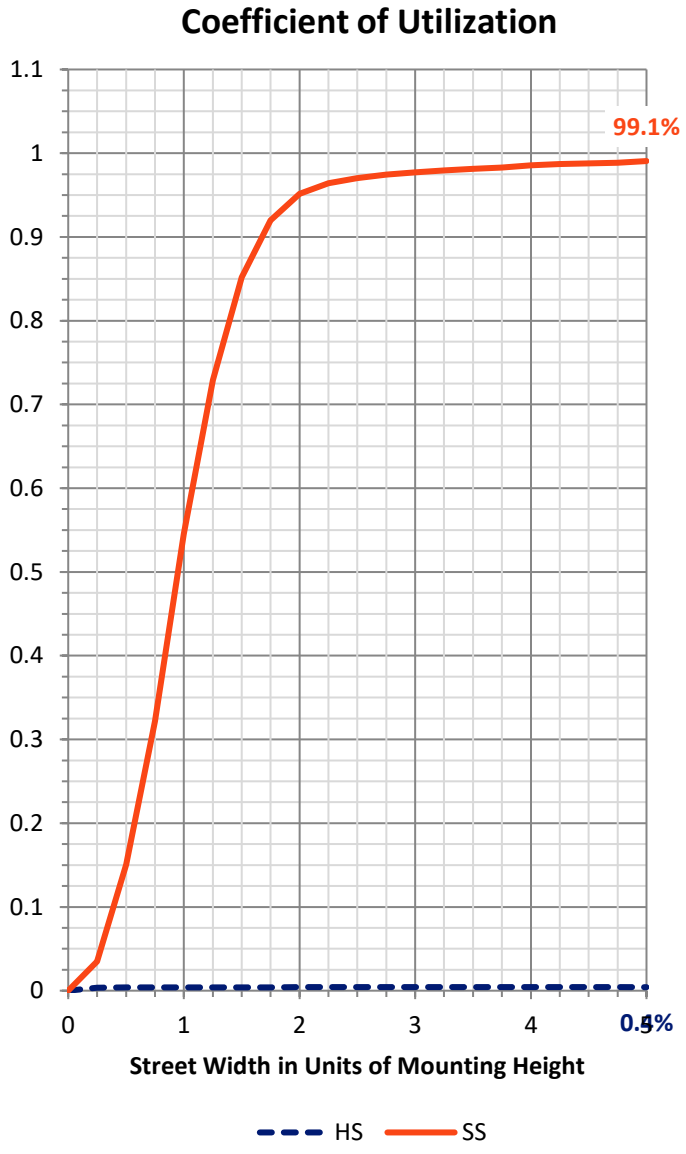
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	56.1	0.0	56.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13093.2	0.0	13093.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	13149.4	0.0	13149.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	0.1
10°-20°	108.1	0.8
20°-30°	388.1	3.0
30°-40°	1033.2	7.9
40°-50°	2714.1	20.6
50°-60°	4204.7	32.0
60°-70°	3525.5	26.8
70°-80°	1037.5	7.9
80°-90°	128.0	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°	13149.4	100.0
0°-180°	13149.4	100.0



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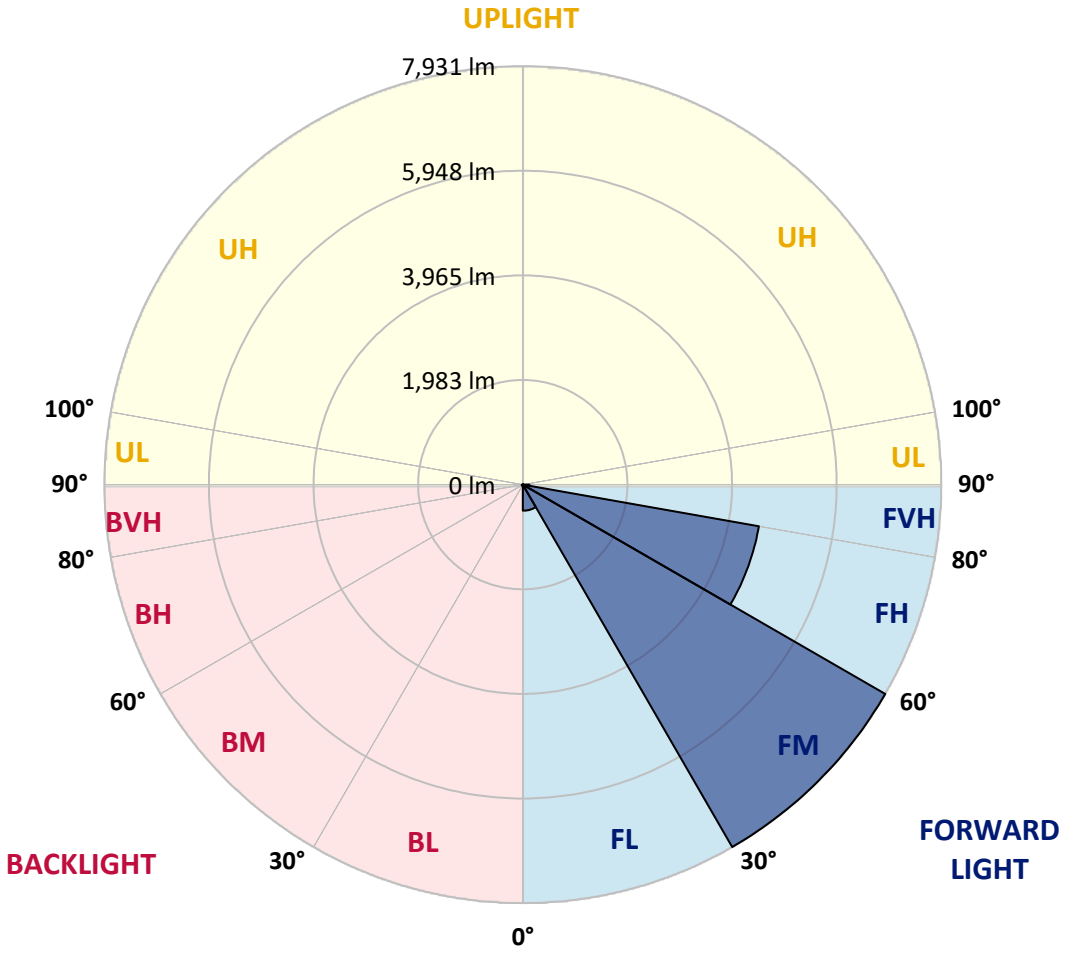
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	493.8	3.8			
FM	(30°-60°)	7930.6	60.3			
FH	(60°-80°)	4543.2	34.6			G2/5000
FVH	(80°-90°)	125.6	1.0			G2/225
BL	(0°-30°)	12.6	0.1	B0/110		
BM	(30°-60°)	21.4	0.2	B0/220		
BH	(60°-80°)	19.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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: P1048178
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	*80.5*	80.5	80.5
2.5°	97.7	98.6	96.8	93.2	90.5	90.5	89.5	86.8	*86.8*	84.1	82.3
5°	136.6	134.8	131.2	123.9	117.6	111.3	104.9	98.6	*97.7*	89.5	84.1
7.5°	223.4	225.2	213.5	190.9	171.9	147.4	124.8	111.3	*109.4*	95.9	85.0
10°	490.3	476.7	449.6	361.8	297.6	224.3	166.4	129.3	*127.5*	103.1	86.8
12.5°	893.7	882.8	833.1	742.6	577.1	401.6	243.3	160.1	*154.7*	109.4	87.7
15°	1288.1	1270.9	1243.7	1152.4	958.8	720.0	398.0	218.9	*204.4*	118.5	86.8
17.5°	1539.5	1542.2	1517.8	1478.9	1354.1	1065.5	687.4	326.5	*298.5*	134.8	85.0
20°	1759.3	1753.0	1766.6	1745.8	1658.0	1448.2	1000.4	517.4	*469.5*	161.0	85.9
22.5°	2012.6	2028.0	2037.9	2033.4	1936.6	1757.5	1355.9	774.3	*713.7*	208.9	88.6
25°	2351.8	2350.0	2350.9	2339.1	2245.1	2046.1	1712.3	1093.6	*1032.1*	286.7	95.0
27.5°	2707.3	2718.1	2722.7	2680.1	2557.1	2361.7	2042.4	1442.7	*1370.4*	411.6	103.1
30°	3193.0	3184.0	3163.2	3076.3	2927.1	2684.7	2368.1	1809.1	*1733.1*	586.1	115.8
32.5°	3847.9	3837.9	3733.0	3541.3	3317.8	3021.2	2695.5	2176.3	*2084.1*	804.1	133.0
35°	4927.0	4942.4	4684.6	4188.0	3787.3	3425.5	3058.2	2541.7	*2460.3*	1072.8	156.5
37.5°	6579.6	6495.5	6145.4	5268.0	4405.1	3930.2	3404.7	2910.8	*2840.2*	1403.8	187.2
40°	8185.1	8101.9	8000.6	7169.4	5478.8	4486.5	3889.5	3344.1	*3252.7*	1777.4	232.5
42.5°	9873.0	9826.9	9822.4	9195.5	7438.0	5361.2	4472.9	3851.5	*3773.7*	2187.2	306.6
45°	11068.8	11022.7	11119.5	11228.9	10106.4	7235.4	5488.7	4510.9	*4397.9*	2684.7	425.1
47.5°	11229.8	11231.6	11490.3	11833.1	12089.1	10134.4	6841.9	5384.7	*5247.2*	3396.5	624.1
50°	10694.3	10715.1	11126.7	11740.0	12429.2	12566.7	9228.1	6652.9	*6449.3*	4240.5	906.3
52.5°	9674.9	9698.4	10271.9	11280.5	12116.3	13151.1	12037.6	8311.8	*8077.5*	5293.3	1304.3
55°	8756.8	8771.3	9428.9	10703.4	11739.1	12833.6	13705.5	10527.0	*10219.4*	6588.6	1696.9
57.5°	7847.8	7814.3	8242.1	9701.2	11674.8	12443.7	13951.6	13051.6	*12712.4*	8004.2	2002.6
60°	6632.1	6576.0	6919.7	7847.8	10830.0	12699.7	13491.2	14448.2	*14371.3*	9975.2	2238.7
61°	*5932.9*	*5909.3*	*6254.9*	*7050.9*	*10119.0*	*12634.6*	*13380.8*	*14507.0*	*14515.1*	*10907.8*	*2344.6*
62.5°	4236.8	4303.8	4832.0	5866.8	8475.5	12212.1	13395.3	14325.1	*14405.6*	12147.0	2618.6
65°	1883.2	1990.9	2401.5	3243.7	4928.8	10158.8	13266.8	13926.2	*13886.4*	12487.1	3563.0
67.5°	1117.1	1133.4	1337.8	1838.0	2610.5	5464.3	11707.4	13398.9	*13345.5*	10870.7	4433.1
70°	880.1	888.3	953.4	1153.3	1515.1	2093.1	6681.8	11592.5	*11825.0*	8814.7	4340.0
72.5°	834.9	833.1	842.1	877.4	954.3	1038.4	2587.0	7705.7	*8178.8*	6348.0	3638.9
75°	824.0	820.4	811.4	797.8	691.1	611.5	801.4	3408.3	*3682.4*	4337.3	2739.8
77.5°	799.6	800.5	802.3	765.2	592.5	432.4	388.0	1093.6	*1345.0*	2752.5	1947.5
80°	540.9	549.1	562.6	548.1	532.8	313.0	274.1	389.0	*394.4*	1544.9	1286.3
82.5°	274.1	274.1	267.7	238.8	206.2	203.5	218.0	282.2	*285.8*	781.5	605.1
85°	165.5	174.6	178.2	161.9	148.3	136.6	166.4	224.3	*232.5*	303.0	141.1
87.5°	37.1	38.0	41.6	55.2	80.5	109.4	154.7	205.3	*208.9*	194.5	17.2
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-SA4B-940-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
2.5°	81.4	79.6	78.7	76.0	73.3	70.6	68.7	67.8	68.7	69.6	69.6
5°	80.5	77.8	73.3	68.7	65.1	61.5	57.9	57.0	57.0	57.9	57.9
7.5°	80.5	76.0	69.6	64.2	58.8	53.4	50.7	48.8	49.7	49.7	49.7
10°	80.5	75.1	66.9	58.8	52.5	46.1	41.6	39.8	39.8	39.8	39.8
12.5°	79.6	74.2	64.2	54.3	45.2	38.0	32.6	29.8	30.8	30.8	30.8
15°	77.8	71.5	60.6	46.1	36.2	28.9	23.5	20.8	21.7	23.5	24.4
17.5°	75.1	68.7	54.3	38.9	28.9	21.7	16.3	14.5	15.4	18.1	18.1
20°	74.2	66.0	47.9	31.7	21.7	15.4	10.9	9.0	9.9	13.6	14.5
22.5°	74.2	64.2	43.4	26.2	16.3	9.9	6.3	3.6	3.6	6.3	6.3
25°	75.1	63.3	39.8	21.7	11.8	7.2	3.6	1.8	3.6	9.9	11.8
27.5°	76.9	62.4	38.0	18.1	9.0	6.3	2.7	6.3	10.9	10.9	10.9
30°	78.7	60.6	35.3	15.4	8.1	4.5	4.5	9.0	9.0	10.9	11.8
32.5°	81.4	59.7	33.5	13.6	6.3	3.6	6.3	5.4	5.4	6.3	7.2
35°	86.8	60.6	31.7	13.6	6.3	4.5	5.4	2.7	1.8	1.8	1.8
37.5°	94.1	61.5	28.9	11.8	5.4	5.4	2.7	0.0	0.0	0.0	0.0
40°	105.8	64.2	27.1	10.9	4.5	4.5	0.9	0.0	0.0	0.0	0.0
42.5°	125.7	69.6	26.2	9.9	4.5	3.6	0.0	0.0	0.0	0.0	0.0
45°	165.5	82.3	24.4	9.0	4.5	1.8	0.0	0.0	0.0	0.0	0.0
47.5°	237.9	112.2	23.5	7.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	347.3	152.0	22.6	6.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	443.2	160.1	15.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	454.1	110.4	11.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	361.8	71.5	9.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	274.1	54.3	9.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*263.2*	*48.8*	*9.0*	*0.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	290.4	42.5	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	472.2	35.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	820.4	30.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1036.6	28.9	5.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	903.6	26.2	5.4	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	543.6	22.6	5.4	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	284.9	17.2	5.4	4.5	2.7	0.9	0.0	0.0	0.0	0.0	0.0
80°	138.4	15.4	6.3	4.5	3.6	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	54.3	12.7	7.2	6.3	4.5	2.7	0.9	0.0	0.0	0.0	0.0
85°	24.4	10.9	8.1	7.2	6.3	3.6	0.9	0.0	0.0	0.0	0.0
87.5°	12.7	9.9	9.0	8.1	6.3	4.5	1.8	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

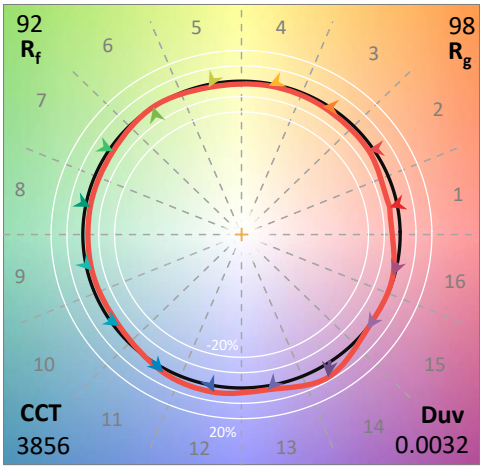
Test Information

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

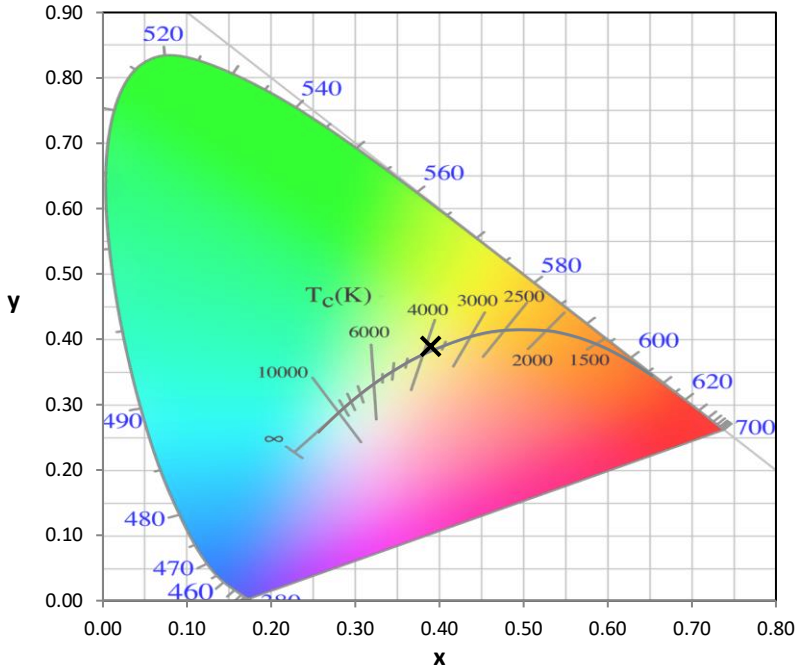
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

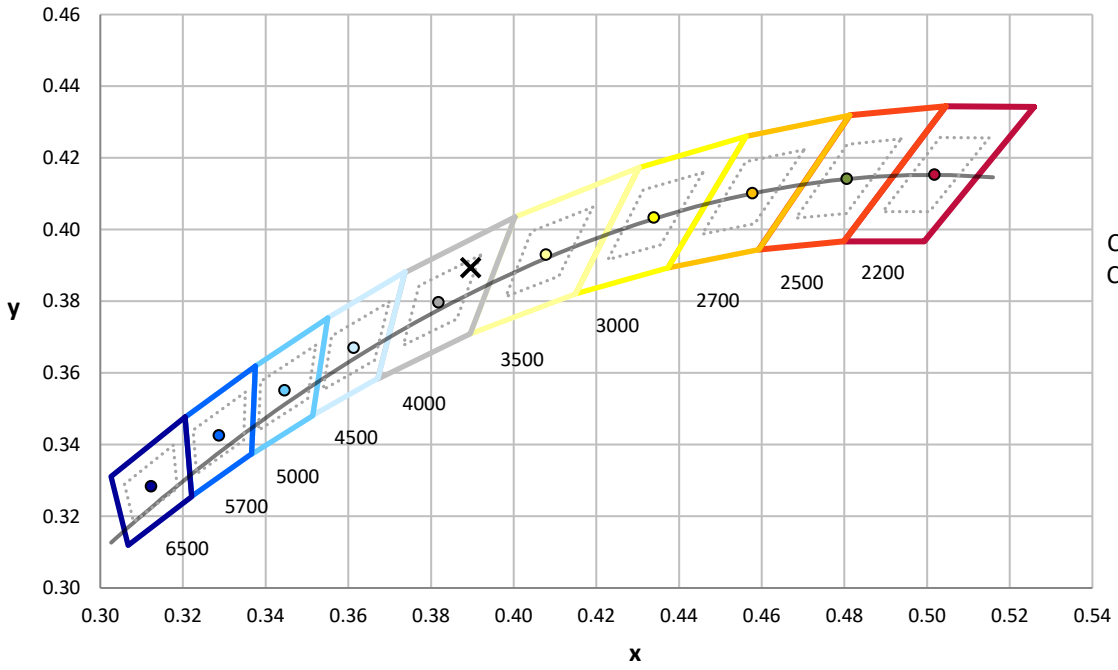
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

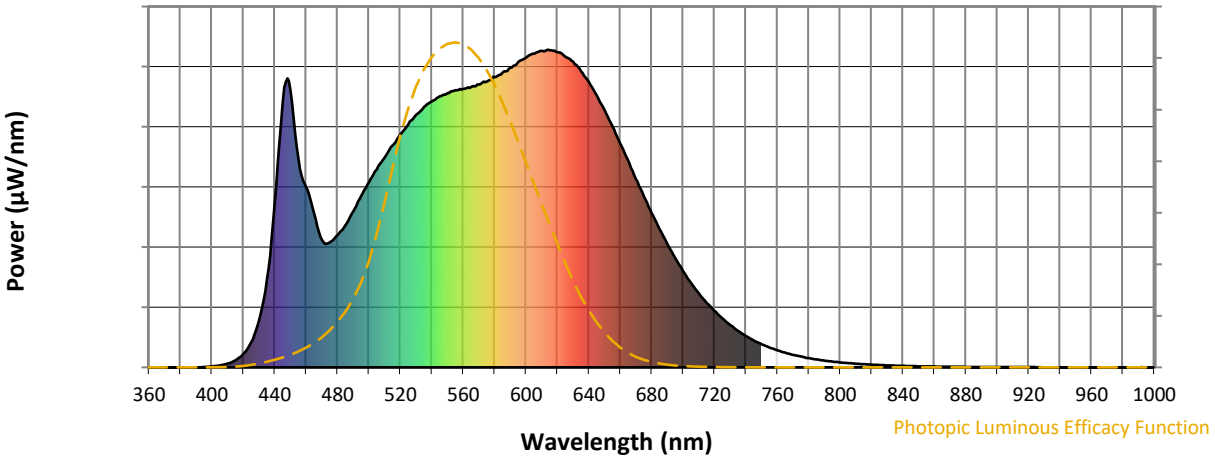


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

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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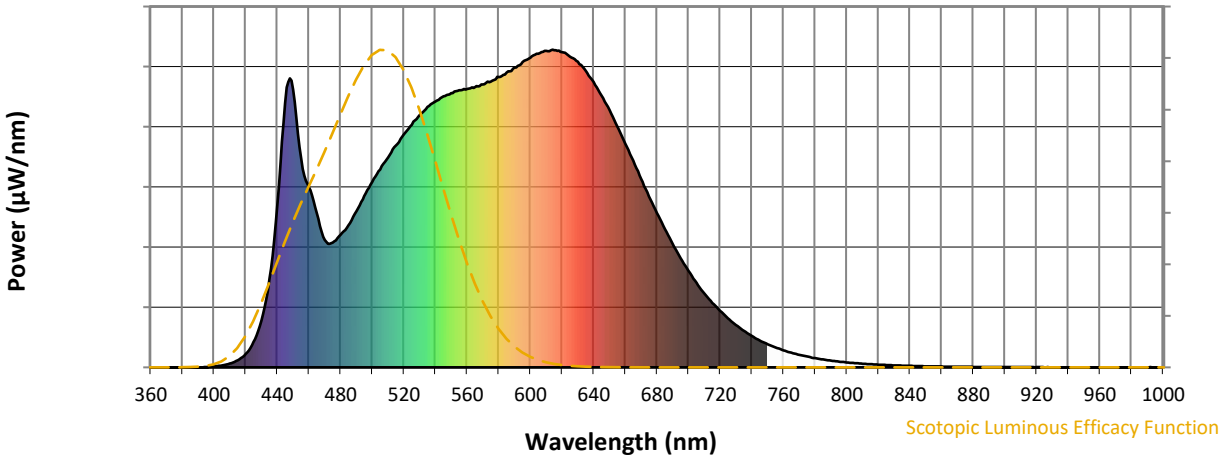
Scotopic Flux vs. Wavelength



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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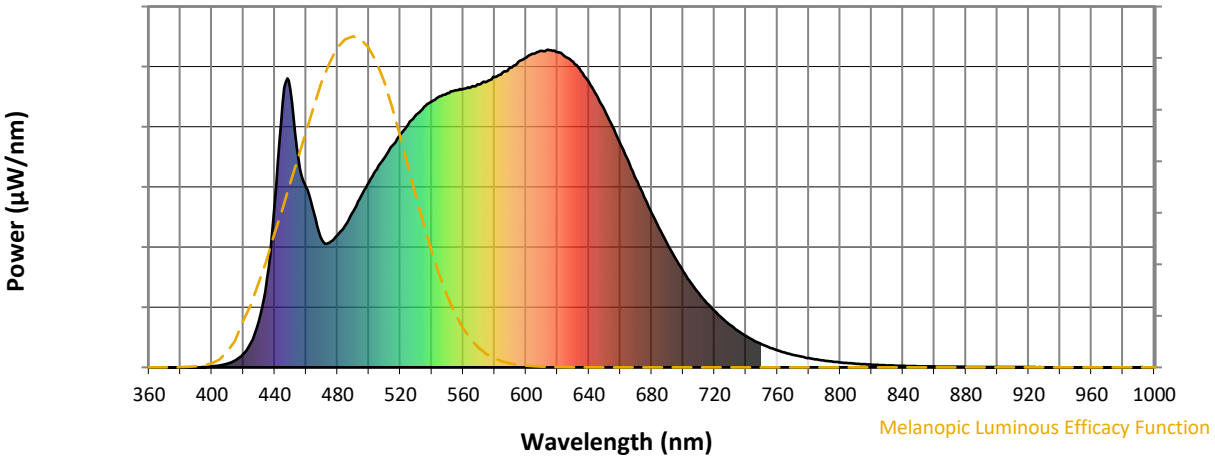
Melanopic Flux vs. Wavelength



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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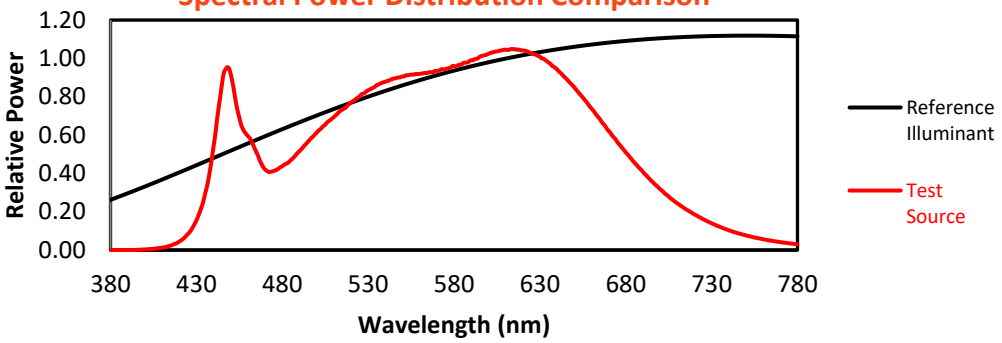
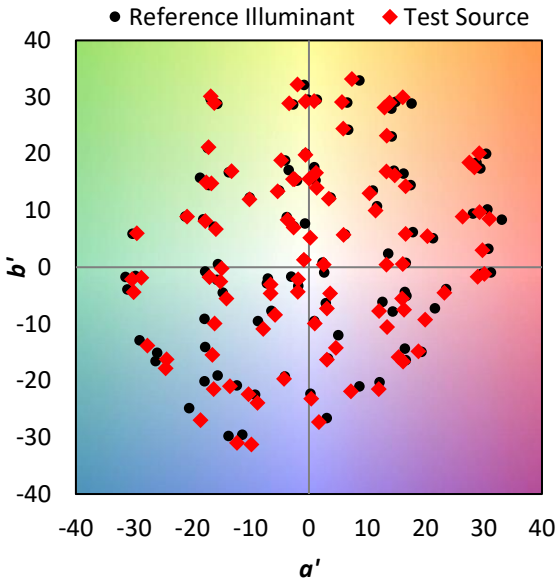
Summary

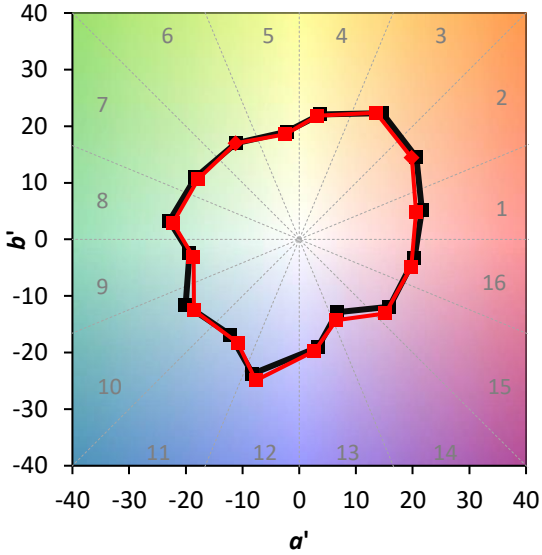
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

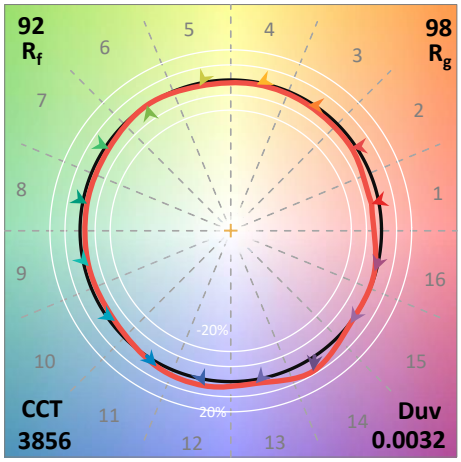
Spectral Power Distribution Comparison

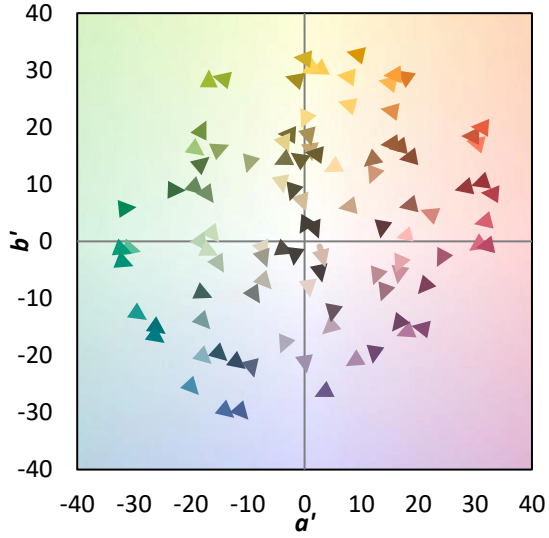


Color Vector Graphics









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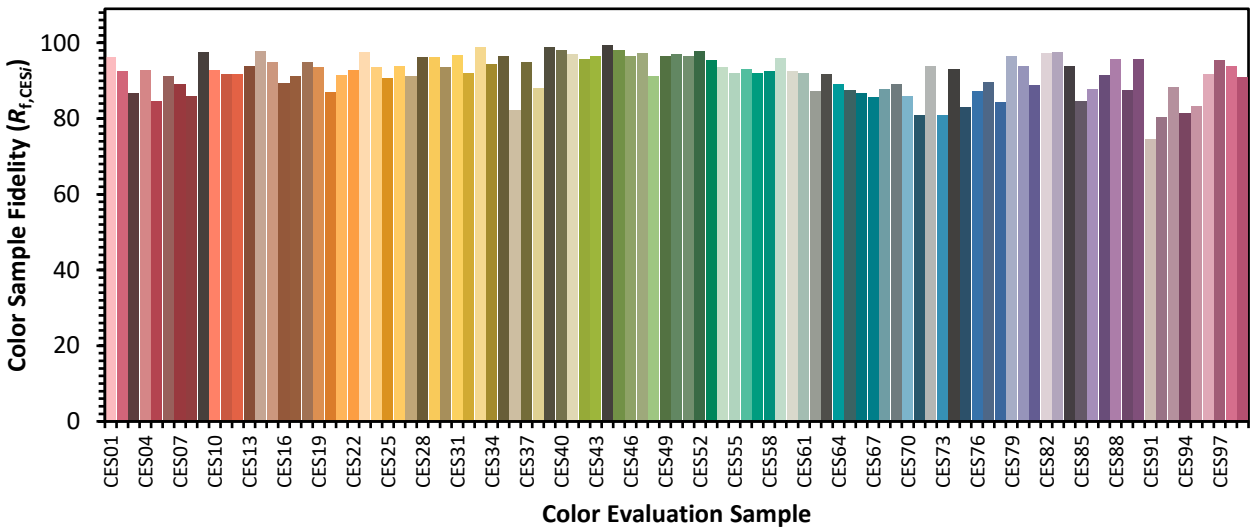
Individual Sample Fidelity Index ($R_{f,i}$)

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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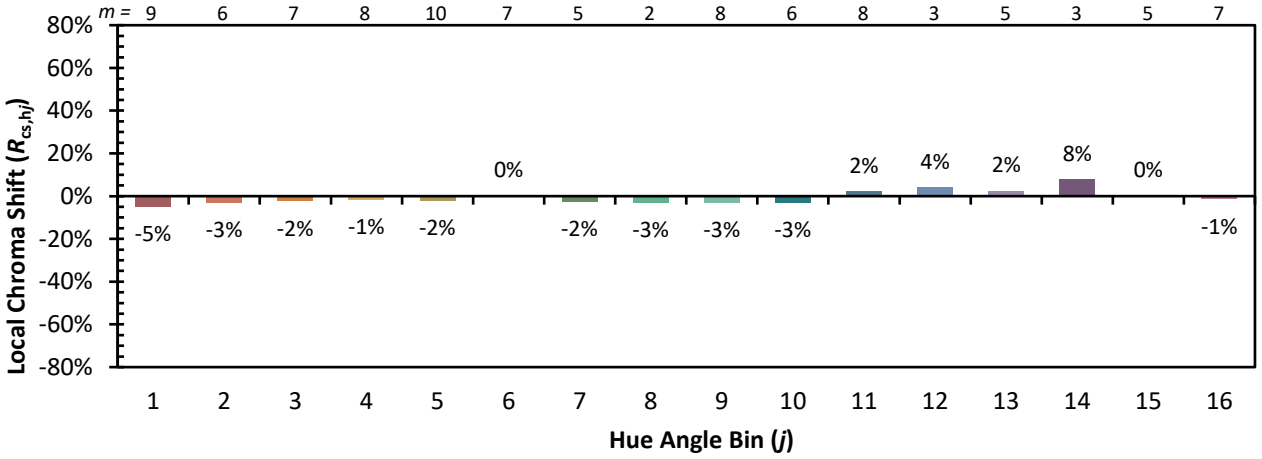
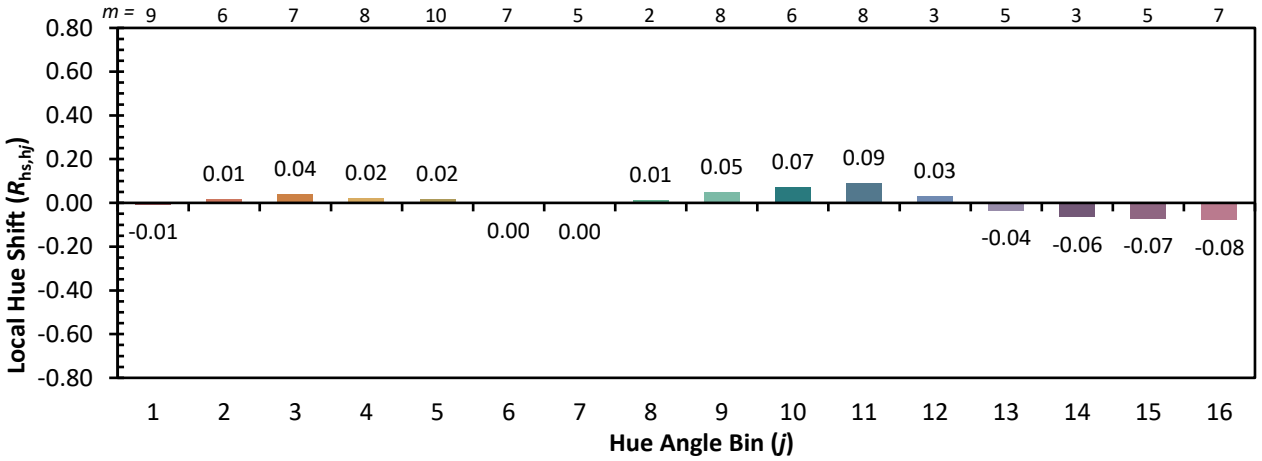
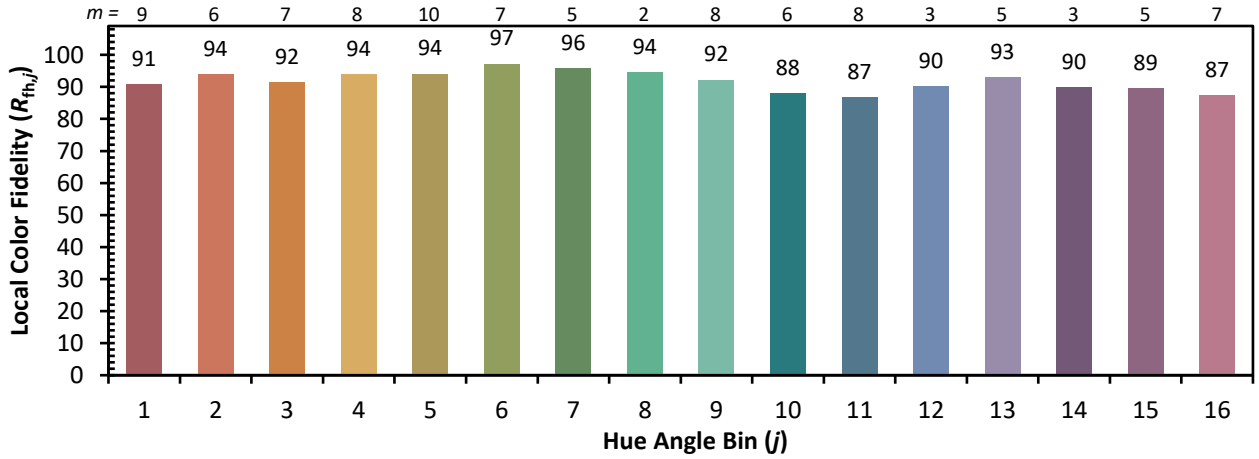
Color Rendition by Hue-Angle Bin







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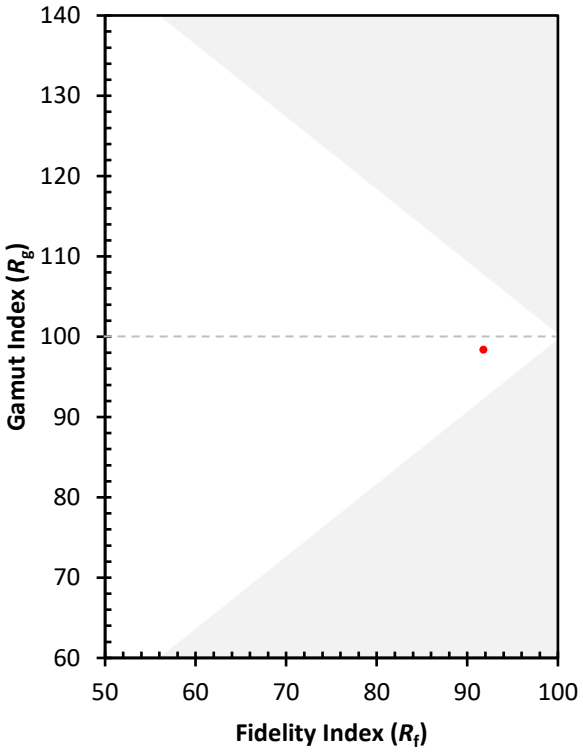
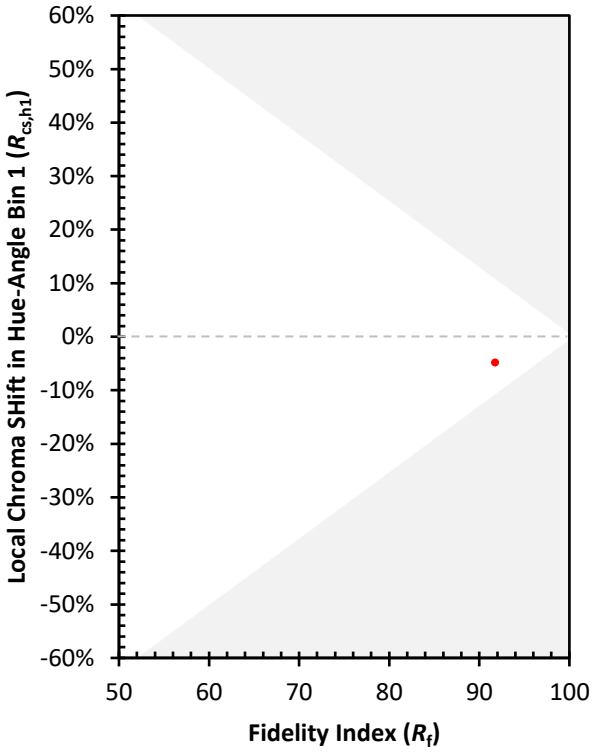
Measure Comparisons





(END OF REPORT)