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: P1048795

Luminaire Tested: **GALN-SA5C-940-U-T4BC**

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:	P1048795
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5C-940-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20527.9 lumens
Efficiency:	N/A
Efficacy:	87.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	236
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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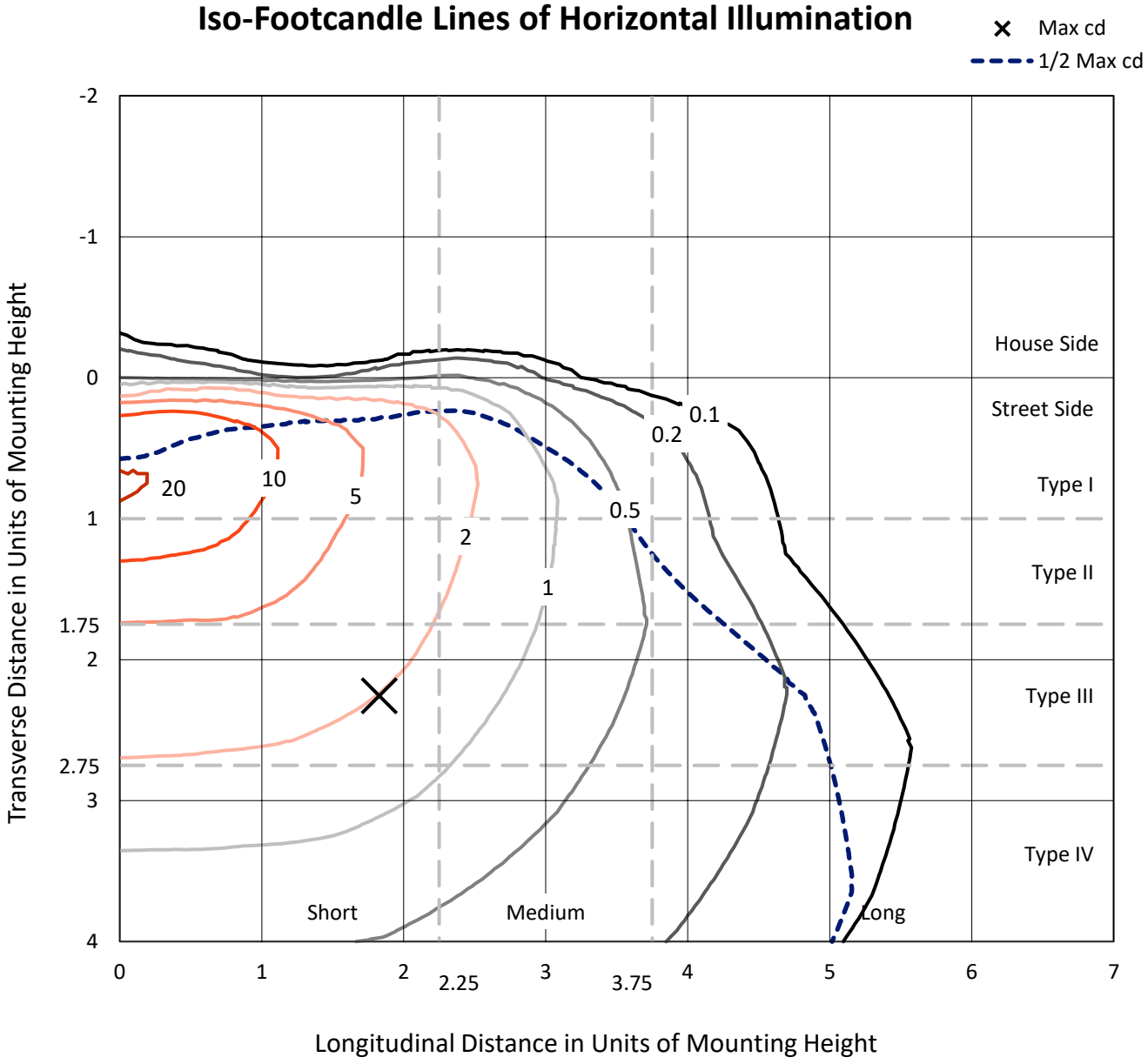
REPORT NUMBER: P1048795
CATALOG NUMBER: GALN-SA5C-940-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 21.1 fc
Type IV - Short - N/A

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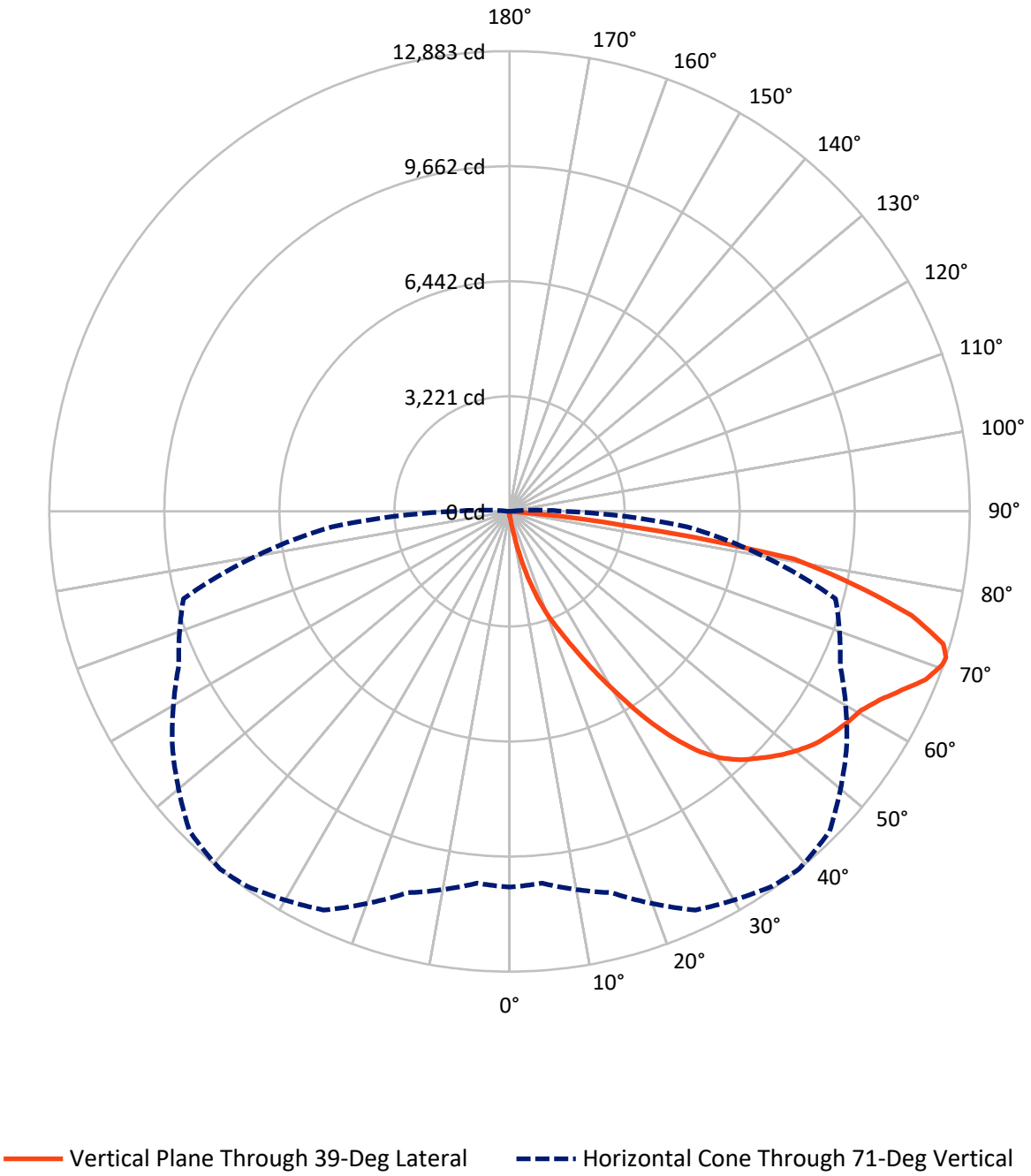
Luminous Intensity Polar Plot



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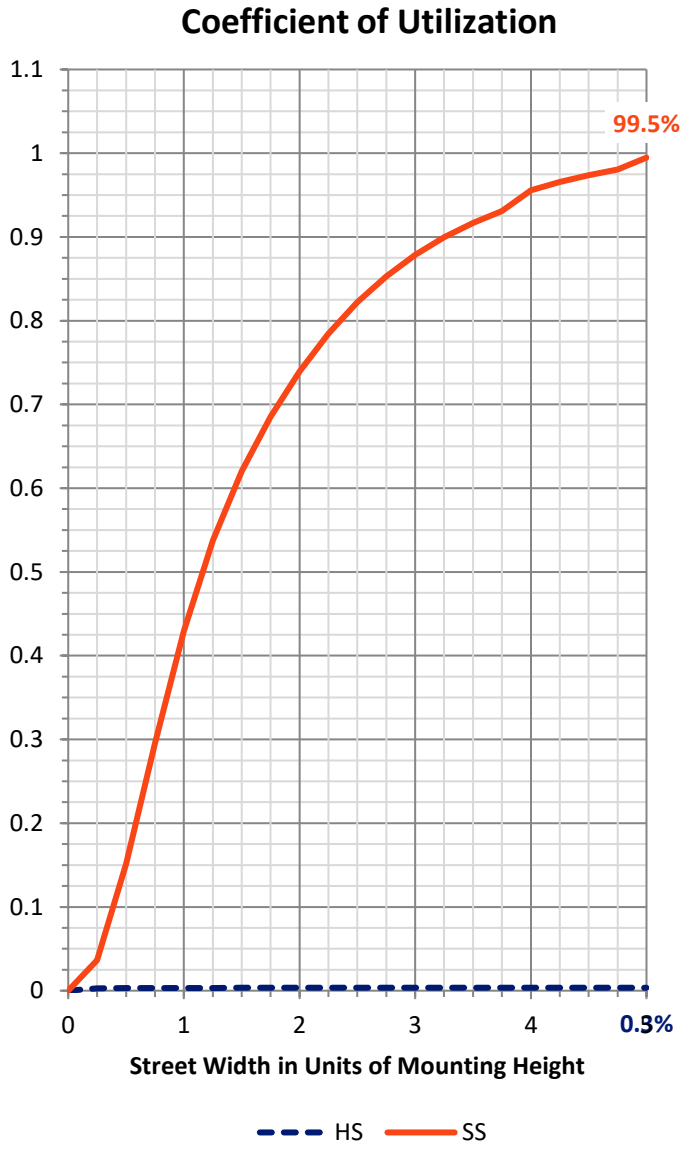
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	72.9	0.0	72.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20455.0	0.0	20455.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	20527.9	0.0	20527.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.2	0.1
10°-20°	219.4	1.1
20°-30°	781.3	3.8
30°-40°	1883.1	9.2
40°-50°	3151.5	15.4
50°-60°	4047.8	19.7
60°-70°	5122.5	25.0
70°-80°	4566.9	22.2
80°-90°	738.2	3.6
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°	20527.9	100.0
0°-180°	20527.9	100.0



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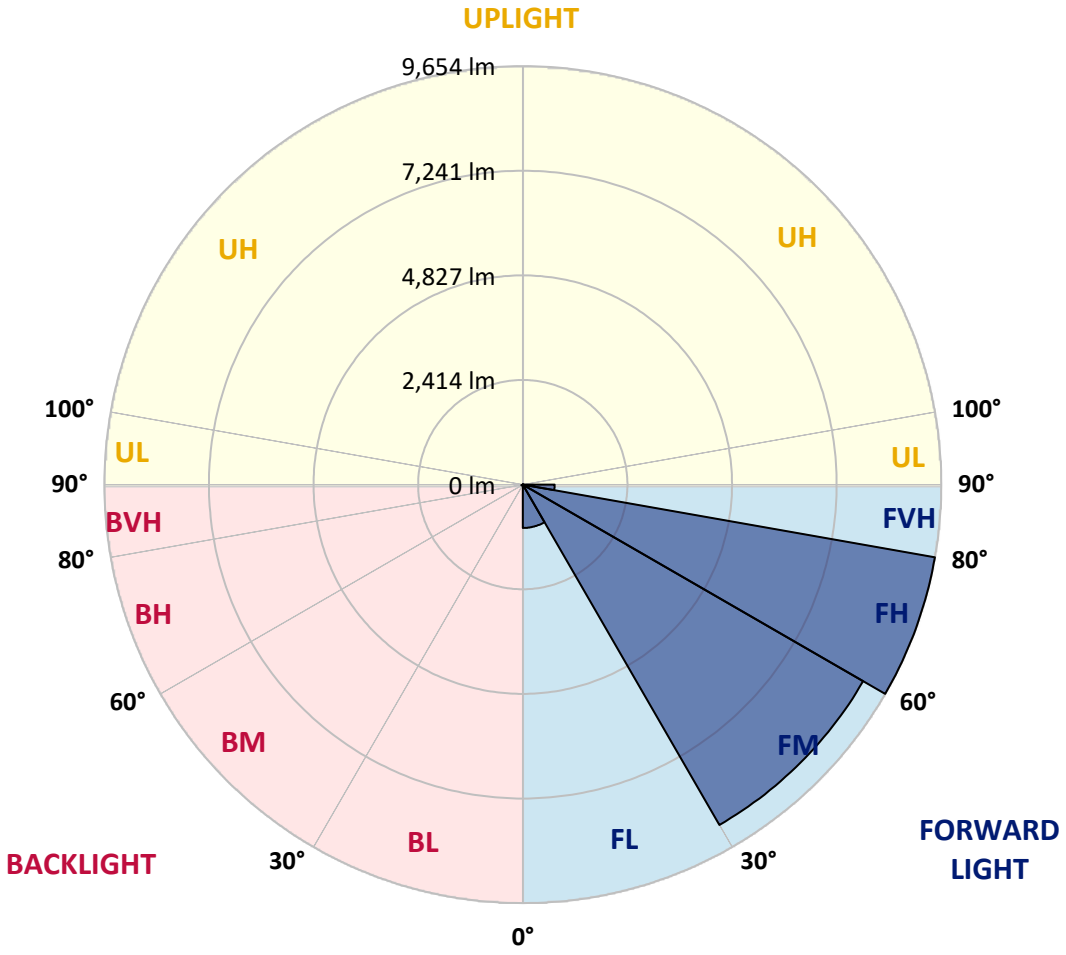
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1000.3	4.9			
FM	(30°-60°)	9065.5	44.2			
FH	(60°-80°)	9654.3	47.0			G4/12000
FVH	(80°-90°)	734.9	3.6			G4/750
BL	(0°-30°)	17.6	0.1	B0/110		
BM	(30°-60°)	16.9	0.1	B0/220		
BH	(60°-80°)	35.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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 IV Short



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REPORT NUMBER: P1048795
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	112.6	112.6	112.6	112.6	112.6	*112.6*	112.6	112.6	112.6	112.6	112.6
2.5°	129.2	129.2	129.2	125.1	125.1	*123.7*	122.3	122.3	119.5	118.1	115.3
5°	195.9	191.8	182.0	176.5	165.4	*158.4*	151.5	141.7	132.0	125.1	116.7
7.5°	443.3	453.0	421.1	361.3	300.2	*273.8*	229.3	184.8	152.9	132.0	118.1
10°	1129.8	1124.2	1015.8	896.3	692.0	*610.0*	478.0	301.5	197.3	144.5	119.5
12.5°	1921.9	1916.3	1788.5	1625.9	1356.3	*1185.4*	935.2	562.8	283.5	164.0	119.5
15°	2587.5	2565.3	2525.0	2363.8	2048.3	*1905.2*	1574.4	995.0	458.6	197.3	122.3
17.5°	3028.0	3008.5	2971.0	2912.7	2712.6	*2543.0*	2277.6	1563.3	742.1	255.7	127.8
20°	3432.4	3418.5	3387.9	3376.8	3247.6	*3157.2*	2937.7	2216.5	1156.2	347.4	136.2
22.5°	3988.2	3959.1	3971.6	3904.9	3778.4	*3670.0*	3535.2	2900.2	1662.0	500.3	151.5
25°	4669.2	4655.3	4620.5	4573.3	4398.2	*4303.7*	4096.6	3544.9	2227.6	700.4	168.1
27.5°	5491.8	5476.5	5468.2	5359.8	5158.3	*5055.5*	4766.4	4153.6	2864.0	981.1	190.4
30°	6439.5	6446.5	6392.3	6253.3	6018.5	*5874.0*	5576.6	4791.4	3515.8	1310.4	214.0
32.5°	7420.6	7406.7	7323.3	7159.4	6949.5	*6814.7*	6436.8	5490.4	4199.5	1745.4	241.8
35°	8478.1	8451.7	8232.2	8044.6	7865.3	*7695.8*	7351.1	6302.0	4883.2	2233.1	279.3
37.5°	9545.4	9421.7	8981.2	8743.5	8619.9	*8480.9*	8159.9	7167.7	5562.7	2777.9	325.2
40°	10351.3	10255.5	9733.0	9295.2	9196.6	*9078.4*	8839.4	7915.3	6285.3	3362.9	380.8
42.5°	10797.4	10744.6	10274.9	9842.7	9610.7	*9506.5*	9302.2	8568.5	6999.6	4009.1	461.4
45°	10987.8	10905.8	10591.8	10390.3	10020.6	*9848.3*	9605.1	9061.8	7745.8	4742.8	573.9
47.5°	10929.4	10882.2	10657.1	10730.7	10462.5	*10194.3*	9837.2	9439.8	8383.6	5584.9	728.2
50°	10562.6	10522.3	10452.8	10851.6	10818.3	*10501.4*	10137.3	9738.5	8904.7	6453.4	967.2
52.5°	9865.0	9848.3	10026.2	10757.1	11019.8	*10772.4*	10426.4	10002.6	9391.1	7360.9	1309.0
55°	8965.9	9034.0	9542.6	10609.8	11122.6	*10972.5*	10682.1	10249.9	9781.6	8172.4	1813.5
57.5°	8596.2	8614.3	9249.4	10505.6	11168.4	*11149.0*	10930.8	10486.1	10140.1	8821.4	2583.3
60°	9028.4	9000.6	9335.5	10584.8	11260.2	*11307.4*	11151.8	10705.7	10451.4	9378.6	3608.9
62.5°	9809.4	9794.1	9901.1	10922.5	11528.4	*11624.2*	11458.9	10864.1	10726.5	9745.5	4778.9
65°	10507.0	10475.0	10673.7	11521.4	11999.4	*12067.5*	11923.0	11135.1	10847.4	10012.3	5878.1
67.5°	10808.5	10801.6	11121.2	12091.2	12494.2	*12567.8*	12441.3	11508.9	10819.7	10097.0	6363.1
70°	10671.0	10644.6	11155.9	12333.0	12773.5	*12856.8*	12734.6	11647.9	10518.1	9828.8	5644.7
71°	*10519.5*	*10448.6*	*11051.7*	*12316.3*	*12812.4*	*12883.3*	*12669.2*	*11521.4*	*10215.2*	*9448.1*	*4992.9*
72.5°	10049.8	10062.3	10765.5	12142.6	12719.3	*12698.4*	12299.6	11068.4	9849.7	8583.7	4010.5
75°	8893.6	8967.3	9838.6	11413.0	11888.3	*11622.9*	11012.8	10202.7	9116.0	6154.7	2784.8
77.5°	7267.8	7377.5	8335.0	10009.5	9874.7	*9848.3*	9823.3	8989.5	7784.7	3305.9	1937.1
80°	3469.9	3707.5	5027.7	7145.5	7762.5	*8061.2*	7873.6	7244.1	6019.9	1574.4	1157.6
82.5°	226.5	223.7	316.8	600.3	2530.5	*3271.2*	5197.2	5177.8	4196.7	767.1	472.5
85°	107.0	109.8	120.9	137.6	159.8	*175.1*	241.8	1417.4	2008.0	365.5	102.8
87.5°	62.5	63.9	75.0	95.9	125.1	*139.0*	165.4	212.6	261.3	201.5	22.2
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-SA5C-940-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6	112.6
2.5°	113.9	112.6	108.4	104.2	100.1	97.3	95.9	97.3	97.3	98.7	98.7
5°	113.9	109.8	102.8	94.5	88.9	83.4	80.6	79.2	80.6	80.6	80.6
7.5°	112.6	105.6	95.9	86.2	79.2	72.3	69.5	68.1	68.1	69.5	69.5
10°	109.8	102.8	90.3	79.2	70.9	62.5	58.4	54.2	54.2	54.2	55.6
12.5°	108.4	98.7	83.4	72.3	61.1	51.4	43.1	38.9	40.3	40.3	40.3
15°	105.6	94.5	79.2	65.3	51.4	38.9	32.0	27.8	29.2	30.6	29.2
17.5°	105.6	93.1	73.7	57.0	40.3	29.2	23.6	20.8	20.8	22.2	22.2
20°	105.6	90.3	69.5	48.6	30.6	22.2	16.7	15.3	15.3	18.1	19.5
22.5°	108.4	90.3	63.9	40.3	25.0	16.7	12.5	11.1	12.5	15.3	16.7
25°	112.6	88.9	58.4	36.1	20.8	12.5	9.7	6.9	8.3	11.1	12.5
27.5°	116.7	87.5	52.8	32.0	16.7	9.7	6.9	5.6	4.2	5.6	5.6
30°	120.9	87.5	47.2	26.4	13.9	6.9	4.2	2.8	1.4	0.0	0.0
32.5°	123.7	84.8	43.1	20.8	11.1	5.6	2.8	1.4	0.0	0.0	0.0
35°	126.5	82.0	37.5	16.7	8.3	4.2	1.4	0.0	0.0	0.0	0.0
37.5°	129.2	77.8	32.0	13.9	6.9	2.8	0.0	0.0	0.0	0.0	0.0
40°	132.0	72.3	26.4	12.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	134.8	68.1	22.2	9.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	141.7	65.3	18.1	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	154.2	62.5	16.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	172.3	59.8	15.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	197.3	58.4	13.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	241.8	57.0	12.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	318.2	55.6	12.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	487.8	52.8	12.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	871.3	51.4	11.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1518.9	52.8	11.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2177.5	55.6	9.7	4.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	1863.5	48.6	9.7	5.6	2.8	1.4	0.0	0.0	0.0	0.0	0.0
71°	*1518.9*	*43.1*	*9.7*	*5.6*	*2.8*	*1.4*	*1.4*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	976.9	33.4	8.3	5.6	2.8	2.8	1.4	0.0	0.0	0.0	0.0
75°	412.7	27.8	8.3	5.6	4.2	2.8	2.8	1.4	0.0	0.0	0.0
77.5°	176.5	20.8	8.3	6.9	5.6	4.2	4.2	2.8	1.4	0.0	0.0
80°	66.7	16.7	9.7	8.3	6.9	6.9	5.6	2.8	1.4	0.0	0.0
82.5°	30.6	13.9	9.7	8.3	8.3	6.9	5.6	4.2	2.8	0.0	0.0
85°	19.5	12.5	9.7	8.3	8.3	6.9	6.9	4.2	2.8	0.0	0.0
87.5°	15.3	12.5	9.7	9.7	8.3	8.3	5.6	4.2	1.4	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

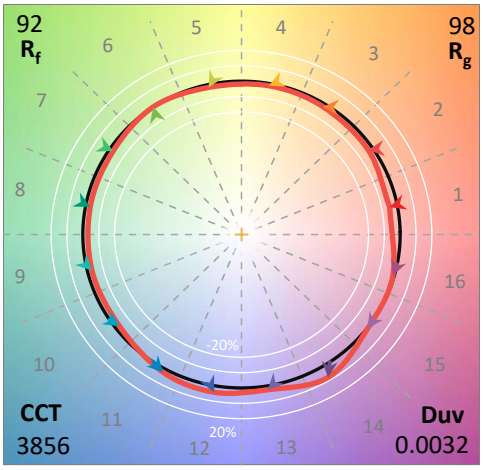
Test Information

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

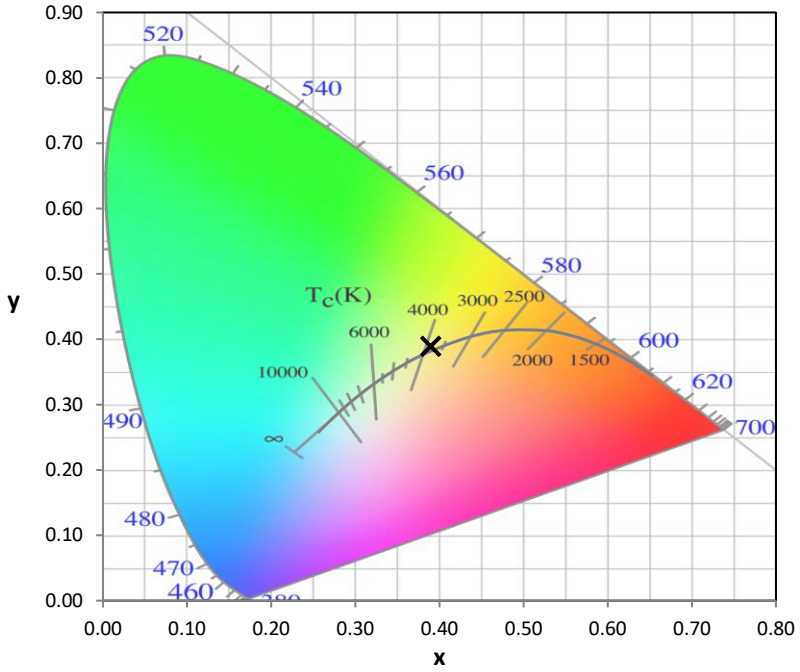
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

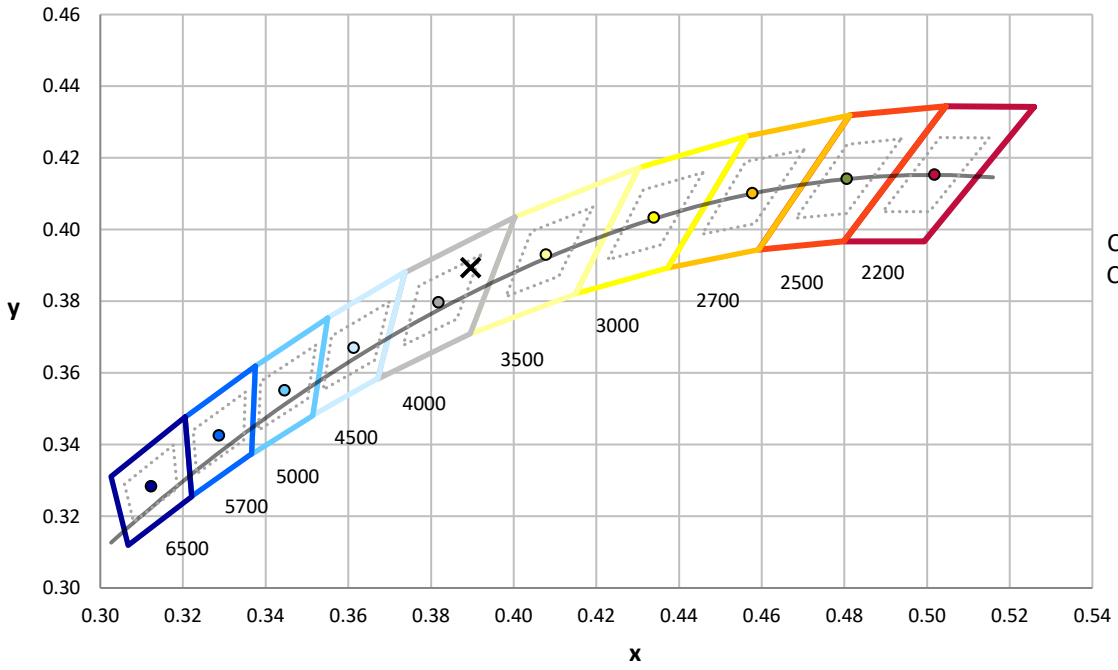
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

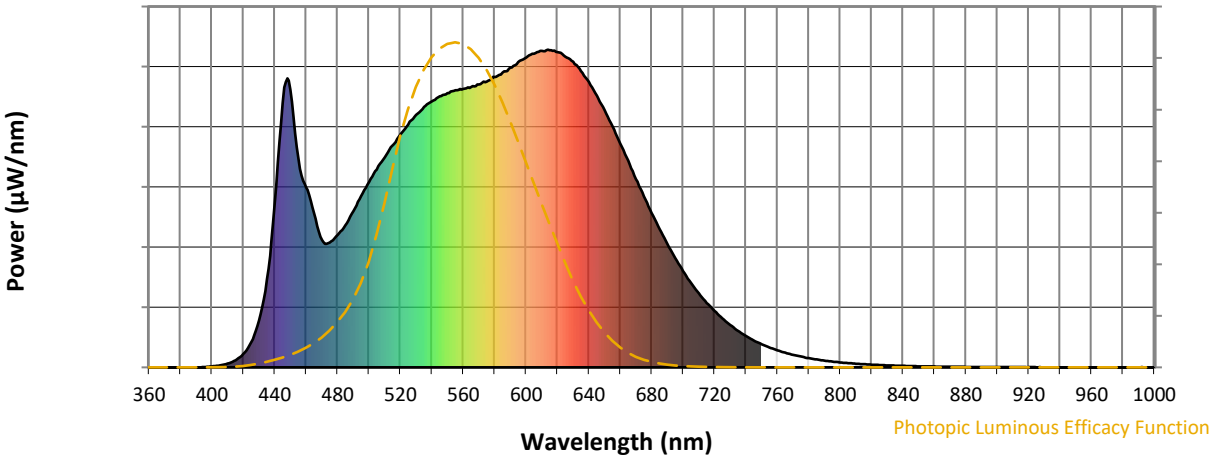


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

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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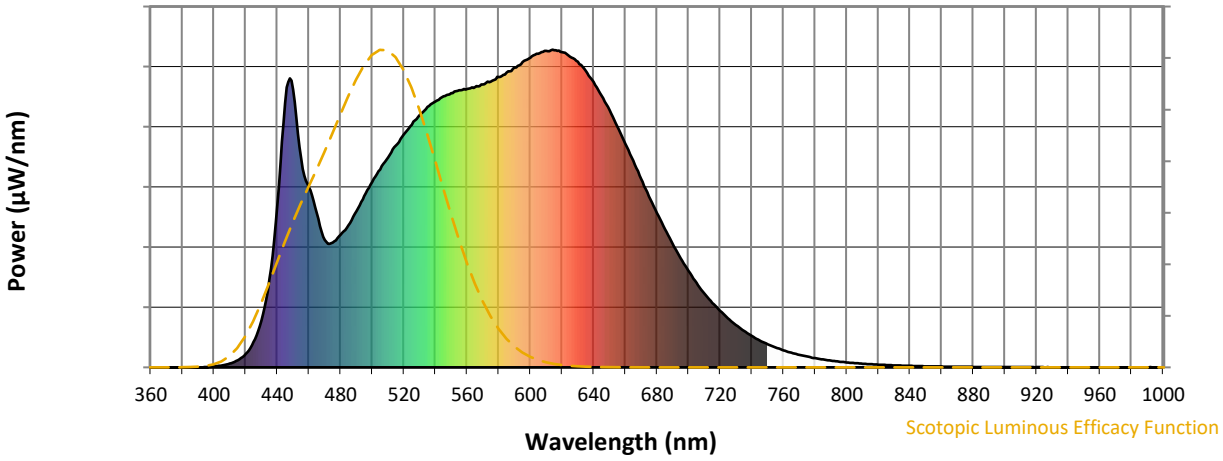
Scotopic Flux vs. Wavelength



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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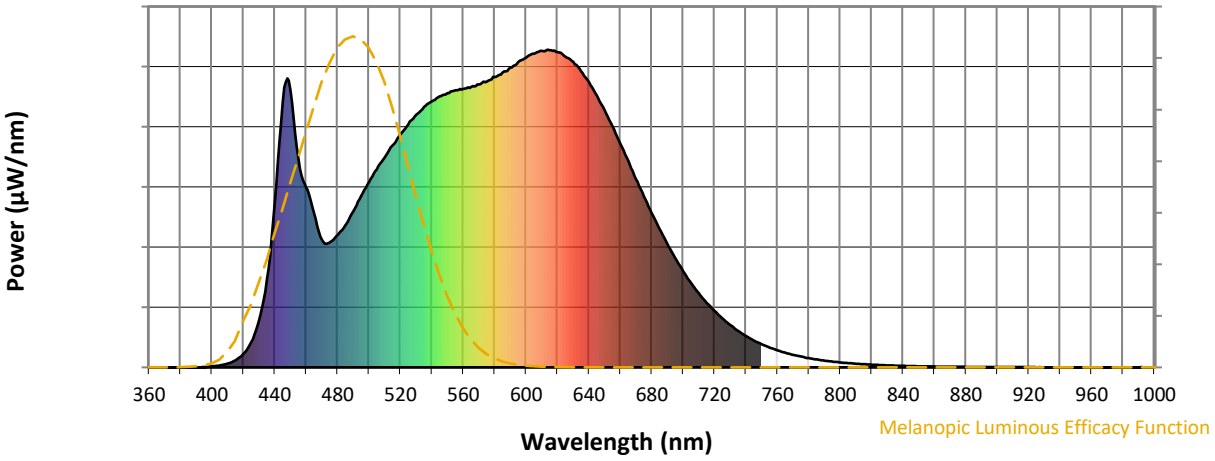
Melanopic Flux vs. Wavelength



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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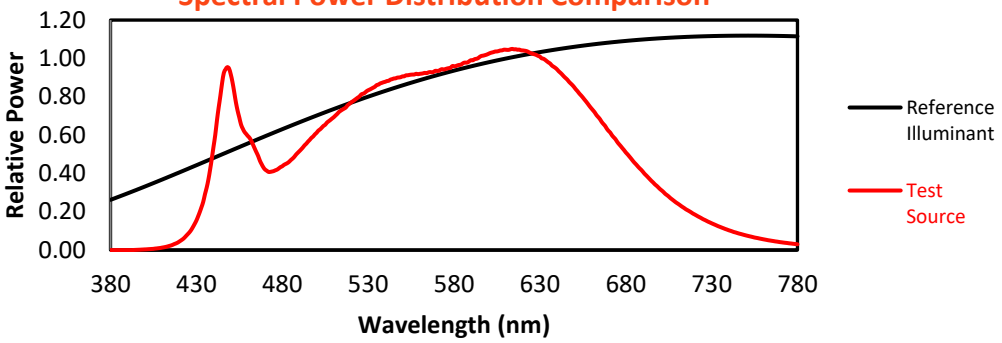
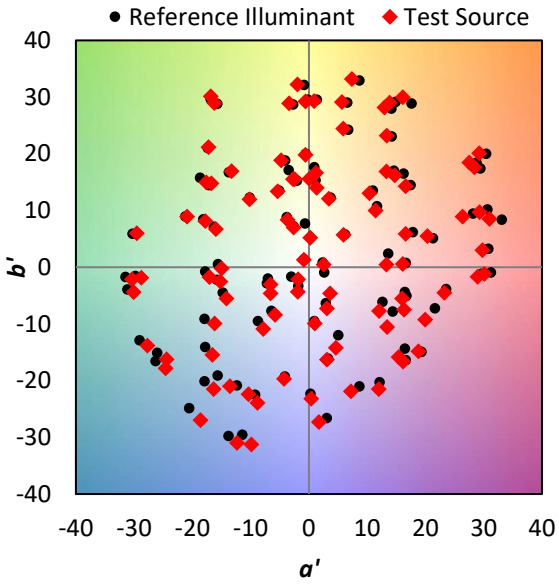
Summary

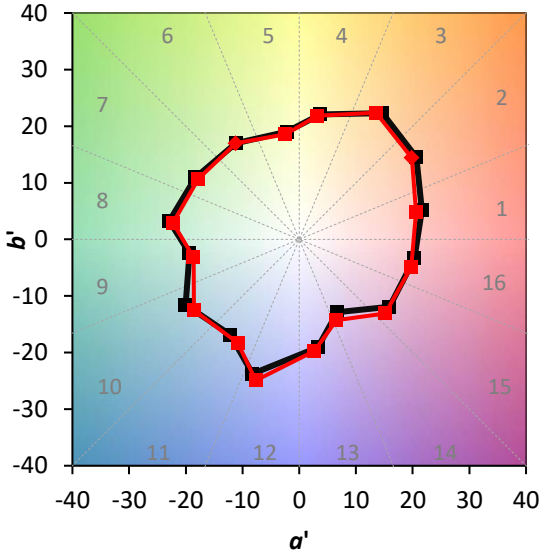
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

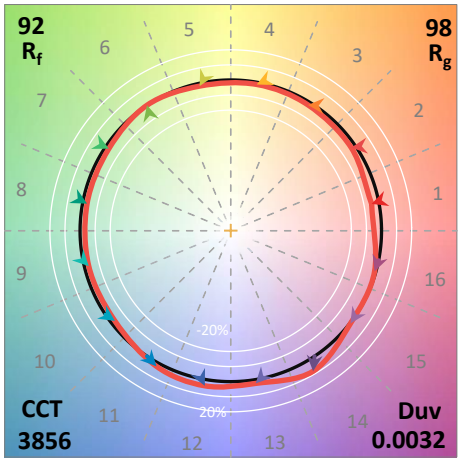
Spectral Power Distribution Comparison

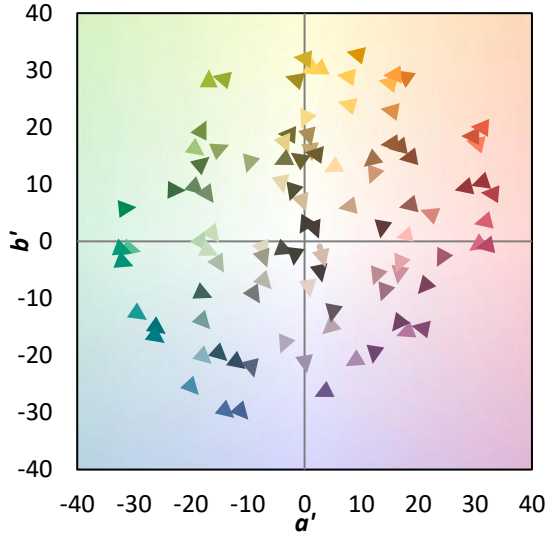


Color Vector Graphics









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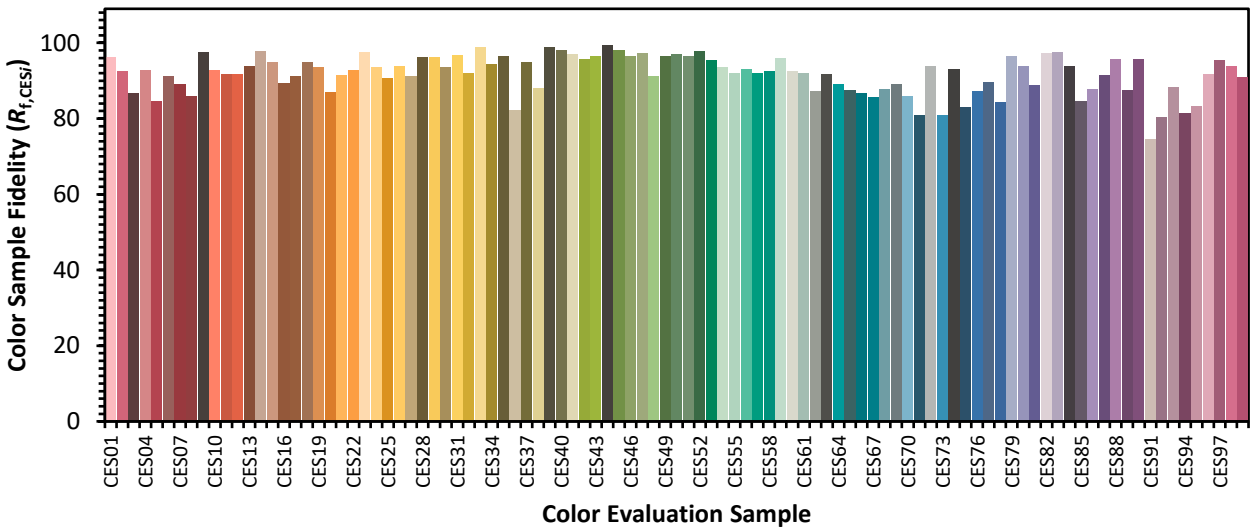
Individual Sample Fidelity Index ($R_{f,i}$)

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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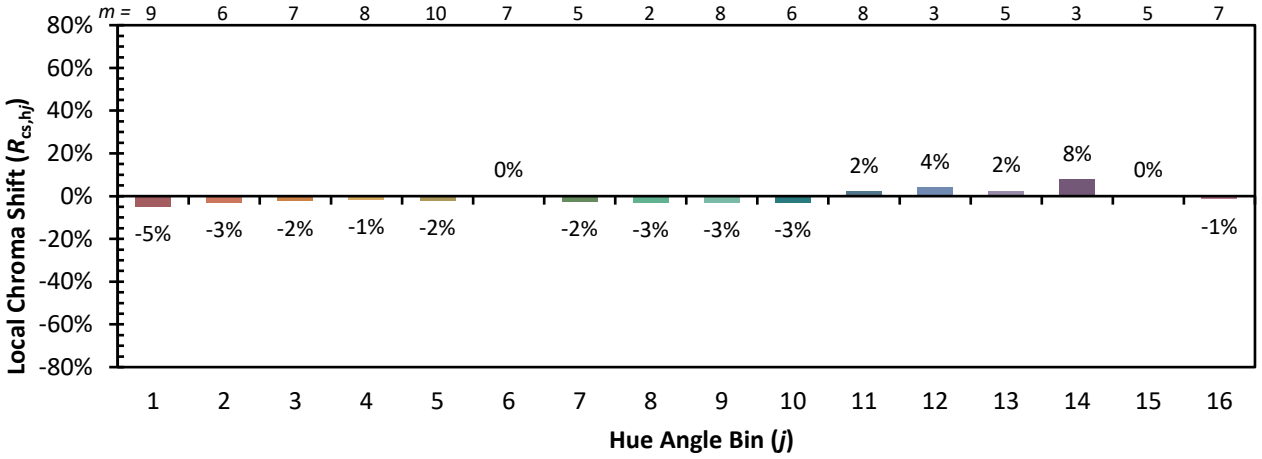
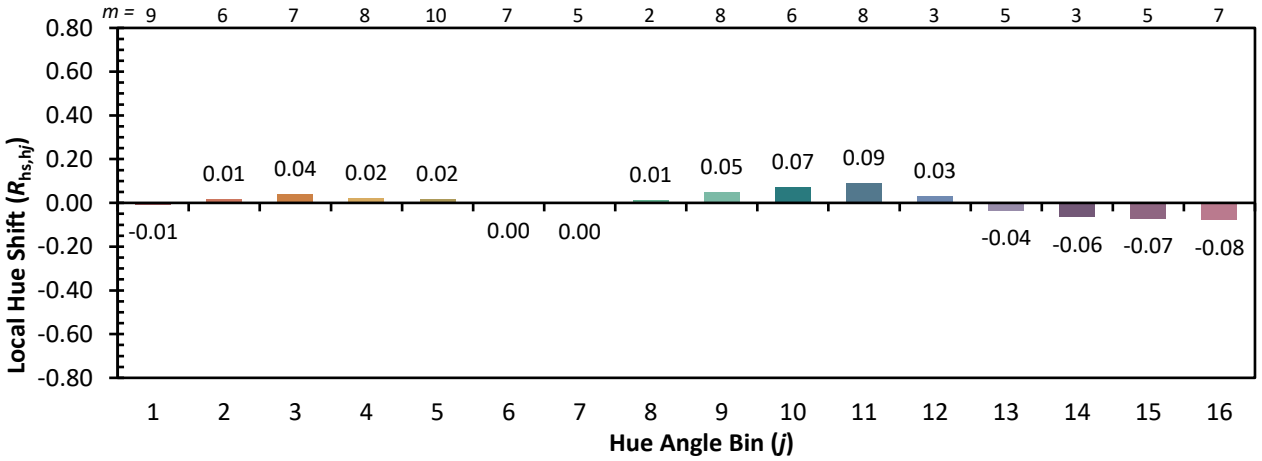
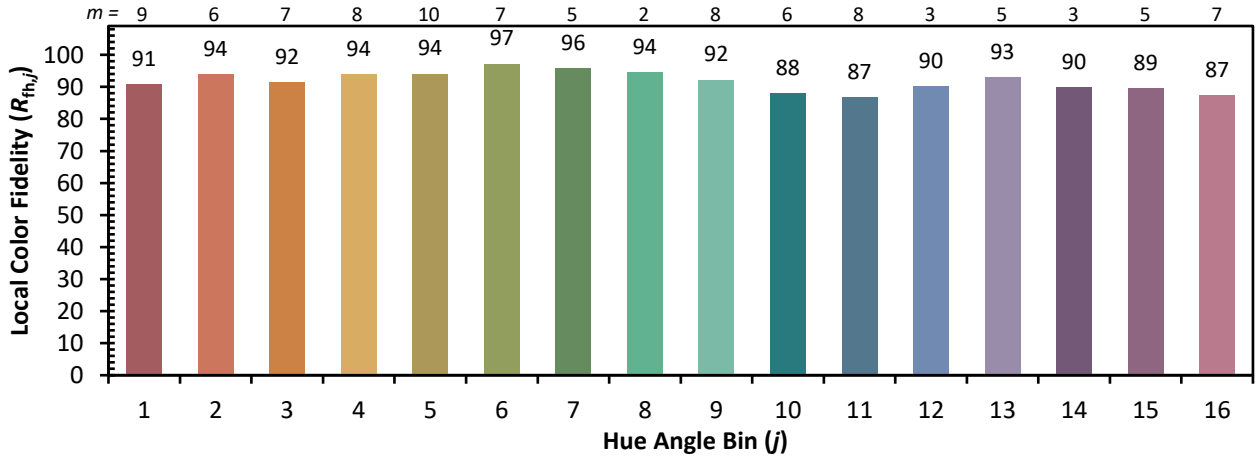
Color Rendition by Hue-Angle Bin







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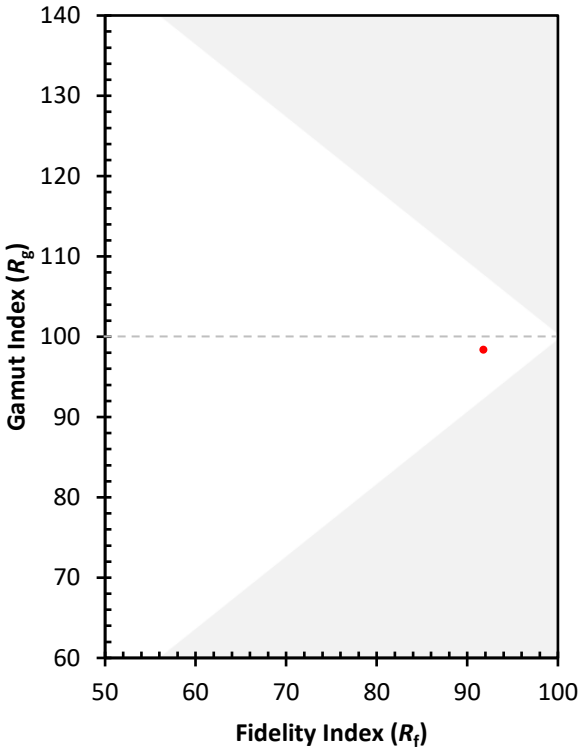
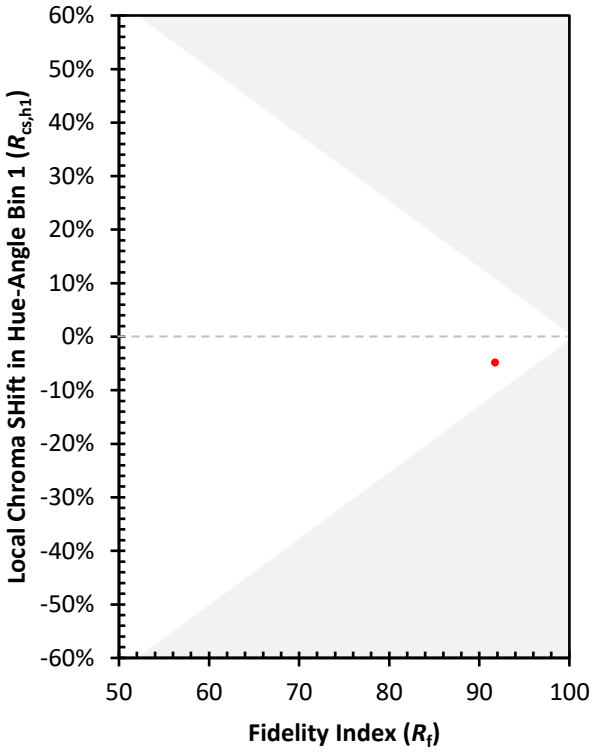
Measure Comparisons





(END OF REPORT)