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: STREETWORKS

Report Number: P1063215

Luminaire Tested: **GLAN-SA7C-940-U-T3BC**

Issue Date: 08/07/2025

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:	P1063215
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SA7C-940-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(98) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29643.2 lumens
Efficiency:	N/A
Efficacy:	89.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	330
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: P1063215
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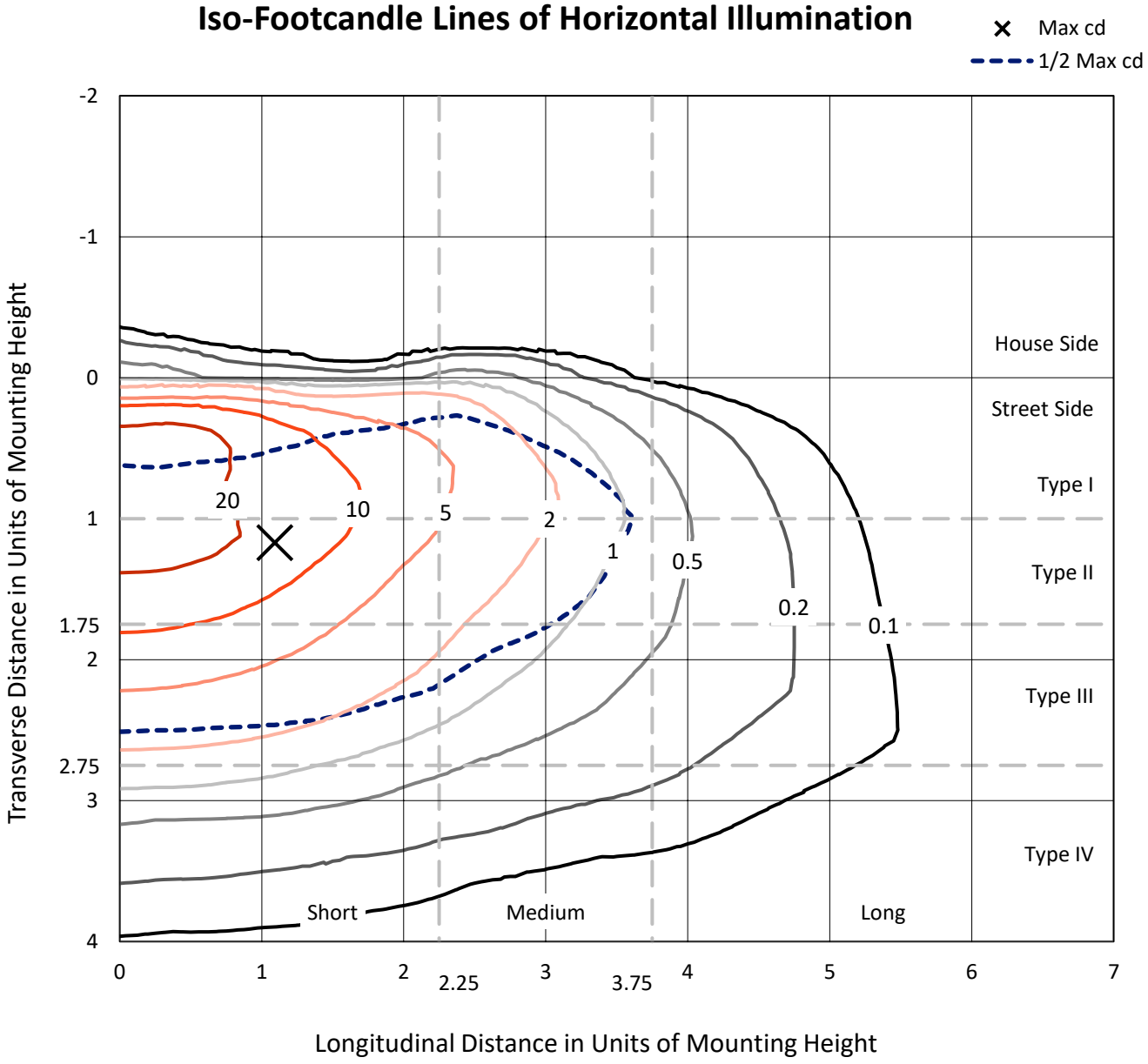
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 33.3 fc
Type III - Short - N/A

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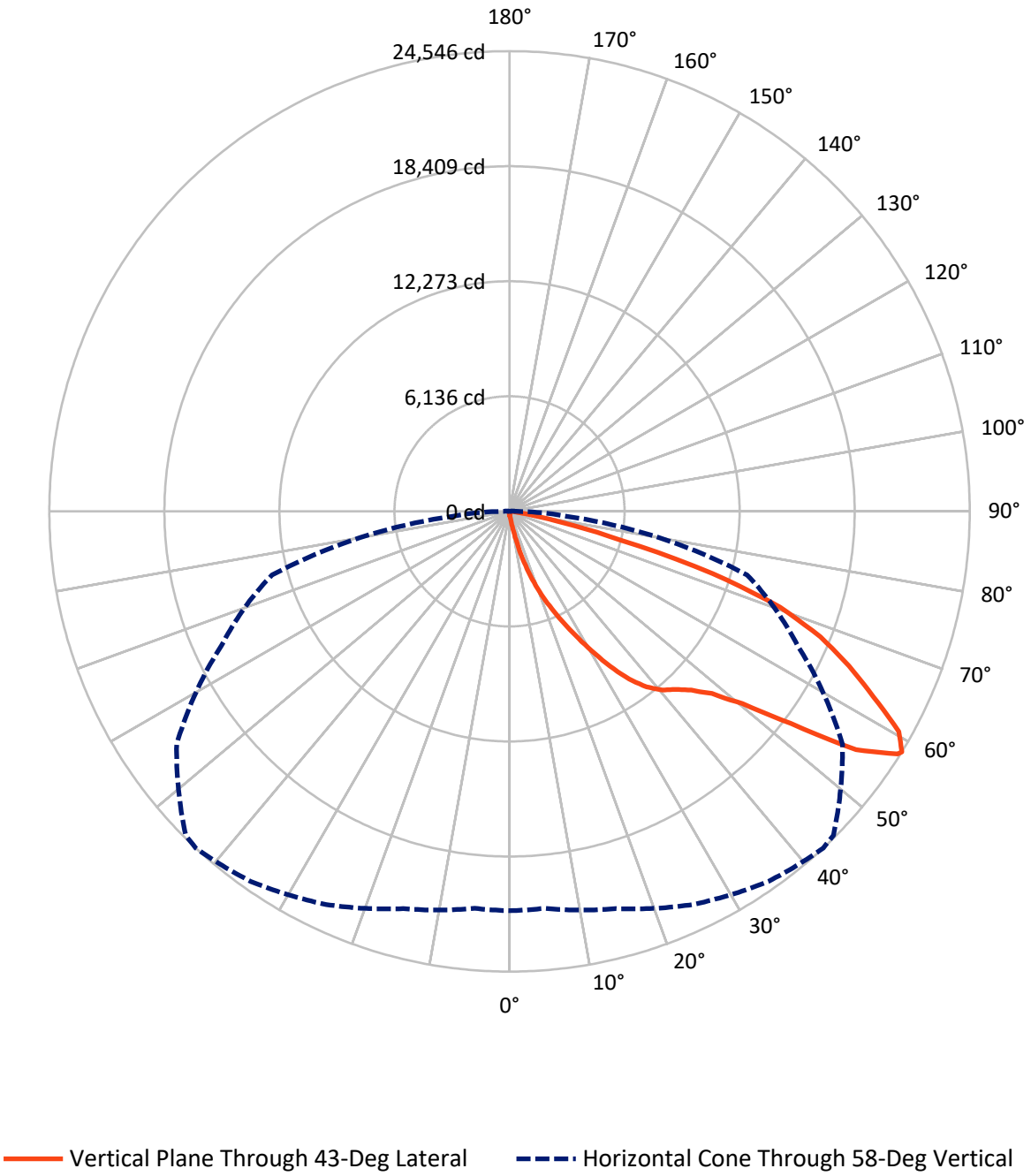
Luminous Intensity Polar Plot



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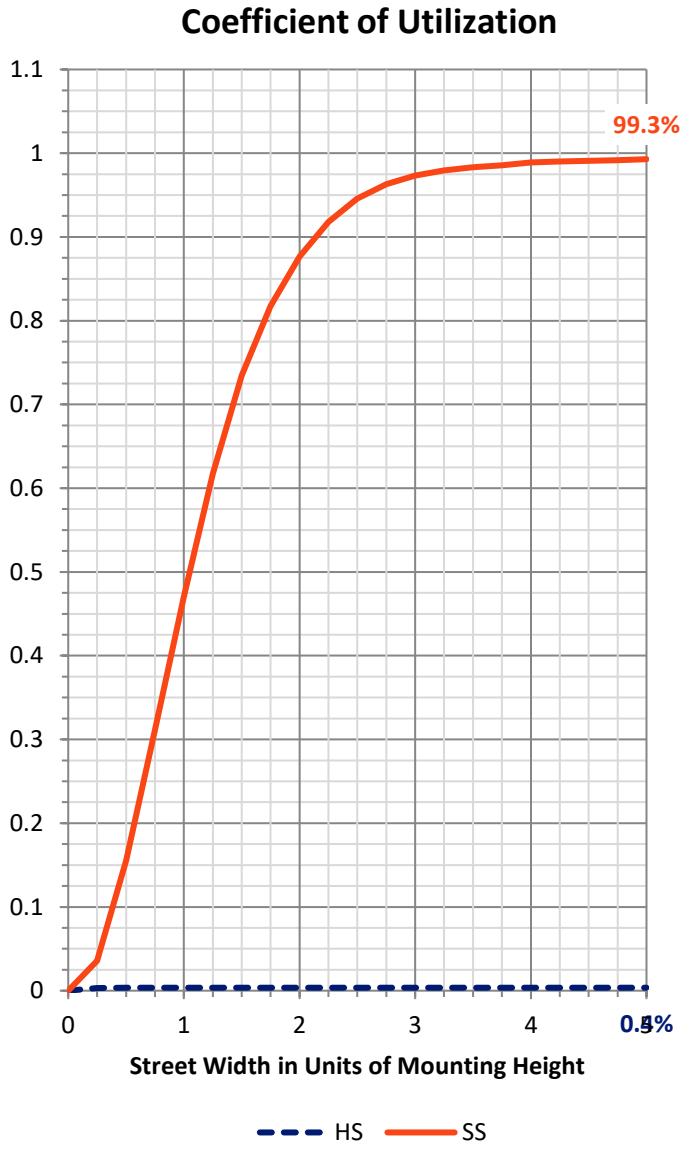
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	108.2	0.0	108.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29535.0	0.0	29535.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	29643.2	0.0	29643.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.4	0.1
10°-20°	340.7	1.1
20°-30°	1228.2	4.1
30°-40°	2810.0	9.5
40°-50°	4739.4	16.0
50°-60°	7821.1	26.4
60°-70°	8741.1	29.5
70°-80°	3609.1	12.2
80°-90°	325.4	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°	29643.2	100.0
0°-180°	29643.2	100.0



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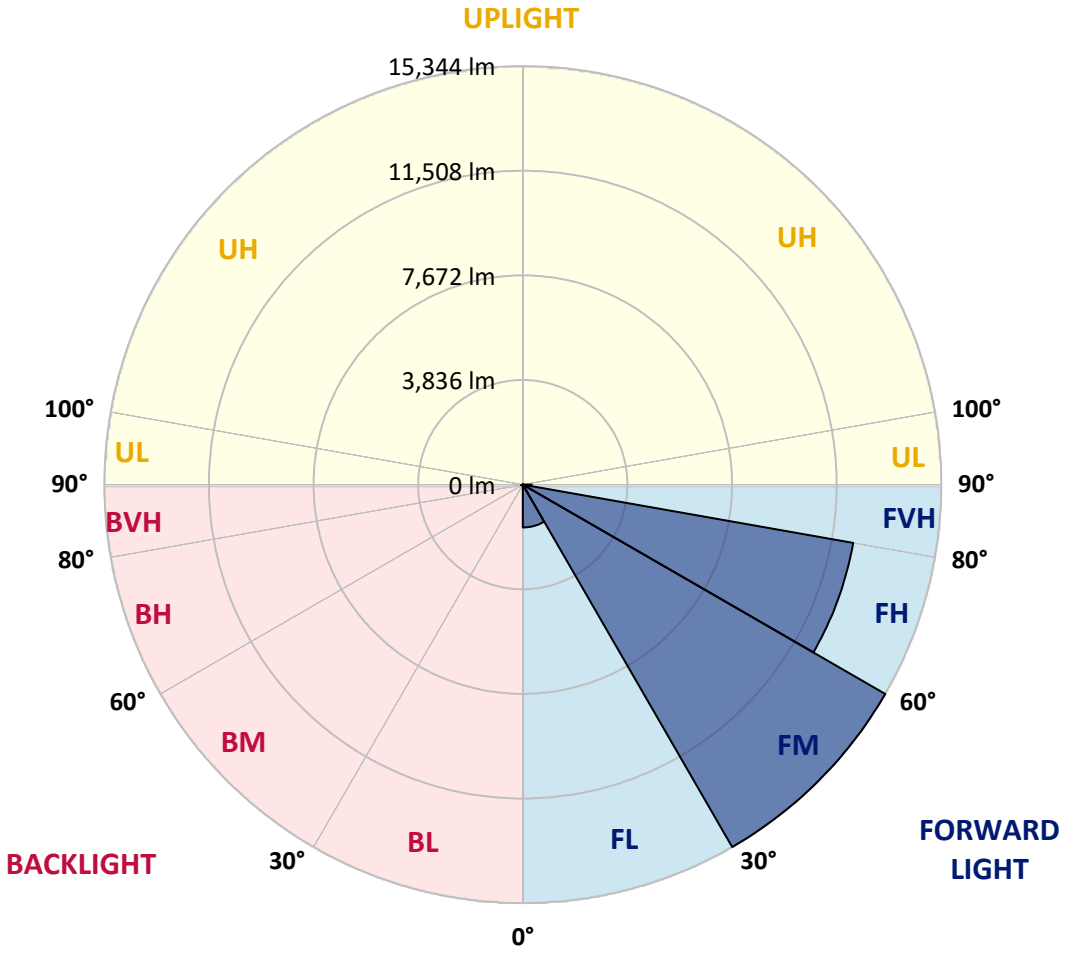
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1569.1	5.3			
FM	(30°-60°)	15344.5	51.8			
FH	(60°-80°)	12300.6	41.5			G5
FVH	(80°-90°)	320.9	1.1			G3/500
BL	(0°-30°)	28.2	0.1	B0/110		
BM	(30°-60°)	25.9	0.1	B0/220		
BH	(60°-80°)	49.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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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REPORT NUMBER: P1063215
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	193.8	193.8	193.8	193.8	193.8	*193.8*	193.8	193.8	193.8	193.8	193.8
2.5°	232.6	240.3	232.6	232.6	232.6	*224.8*	224.8	217.1	217.1	209.3	201.6
5°	341.1	341.1	317.9	302.4	286.9	*279.1*	271.4	255.8	240.3	224.8	209.3
7.5°	759.8	759.8	690.0	597.0	472.9	*403.2*	387.6	317.9	271.4	240.3	209.3
10°	1814.2	1814.2	1659.1	1403.3	1085.4	*806.3*	721.0	457.4	325.6	255.8	217.1
12.5°	3015.9	3054.7	2860.8	2535.2	2062.3	*1573.8*	1403.3	837.3	434.2	279.1	217.1
15°	4093.5	4000.5	3946.2	3636.1	3186.5	*2605.0*	2387.9	1411.0	628.0	317.9	217.1
17.5°	4822.3	4822.3	4744.8	4535.5	4124.6	*3612.9*	3434.5	2279.4	1015.6	364.4	224.8
20°	5675.1	5675.1	5535.6	5388.3	5023.9	*4589.7*	4419.2	3240.7	1573.8	465.2	224.8
22.5°	6706.3	6721.8	6566.7	6303.1	5954.2	*5473.6*	5326.3	4132.3	2279.4	620.2	232.6
25°	7962.3	7977.8	7752.9	7504.8	6969.9	*6450.4*	6225.6	5155.7	3139.9	868.3	232.6
27.5°	9350.0	9458.6	9125.2	8698.8	8132.8	*7481.6*	7311.0	6078.3	3992.8	1225.0	248.1
30°	11078.9	11078.9	10637.0	10040.0	9427.6	*8621.3*	8404.2	7047.4	4899.8	1697.9	263.6
32.5°	12567.5	12451.2	11885.2	11257.2	10606.0	*9854.0*	9621.4	8063.0	5830.2	2287.1	294.6
35°	13707.2	13606.4	12908.6	12234.1	11668.2	*10978.1*	10699.0	9164.0	6814.8	2953.9	341.1
37.5°	14684.0	14645.3	13699.4	12854.3	12482.2	*11877.5*	11629.4	10202.8	7783.9	3674.9	395.4
40°	15753.9	15629.9	14622.0	13575.4	13017.2	*12528.7*	12303.9	11040.2	8714.3	4520.0	472.9
42.5°	16668.8	16521.5	15614.4	14591.0	13637.4	*12978.4*	12761.3	11745.7	9621.4	5365.0	573.7
45°	17684.4	17606.9	16692.0	15916.8	14645.3	*13590.9*	13304.0	12311.6	10450.9	6372.9	705.5
47.5°	19211.7	19072.2	18219.4	17583.6	16110.6	*14521.2*	14110.3	12893.1	11249.5	7365.3	907.1
50°	20987.2	20894.1	20390.2	19886.3	18420.9	*16110.6*	15622.1	13730.4	12141.1	8543.7	1170.7
52.5°	22437.0	22421.5	22483.5	22491.2	21382.6	*18785.3*	18056.6	15079.4	13164.5	9706.7	1542.8
55°	22406.0	22475.7	23158.0	23941.0	24026.3	*22437.0*	21731.4	17351.0	14498.0	11141.0	2062.3
57.5°	21568.6	21514.4	22235.4	23413.8	24243.4	*24414.0*	24297.7	20878.6	16506.0	12869.9	2860.8
58°	*21297.3*	*21250.8*	*21933.0*	*23134.7*	*24088.3*	*24545.8*	*24429.5*	*21677.2*	*16955.6*	*13117.9*	*3077.9*
60°	20312.7	20320.4	20723.6	21816.7	22770.3	*23855.7*	23964.3	23956.5	19196.2	14777.1	4171.1
62.5°	19010.2	18948.1	19320.3	20211.9	21049.2	*21778.0*	21964.0	24111.6	22475.7	16885.9	6256.6
65°	17211.5	17118.5	17513.9	18521.7	19421.1	*19894.0*	19901.8	22033.8	24018.6	19149.7	9233.7
67.5°	13870.0	13792.5	14583.3	15878.0	17265.8	*17886.0*	18165.1	19118.7	22716.1	20684.8	10939.4
70°	8497.2	8660.0	9760.9	11792.2	14164.6	*15304.3*	15722.9	16017.5	19343.5	20452.2	9148.5
72.5°	3923.0	3729.2	4667.3	6086.0	8791.8	*11327.0*	11761.2	12916.4	15335.3	17754.2	6822.6
75°	1829.7	1759.9	1977.0	2659.3	3985.0	*6117.1*	6907.9	10311.4	11761.2	12350.4	4923.1
77.5°	938.1	945.9	1124.2	1209.5	1643.6	*2829.8*	3248.5	6783.8	8621.3	6892.3	3302.7
80°	410.9	426.4	434.2	472.9	666.8	*1093.2*	1232.7	3147.7	5892.2	3512.1	1806.4
82.5°	263.6	271.4	271.4	271.4	317.9	*434.2*	496.2	1263.7	2938.4	1744.4	558.2
85°	139.6	139.6	155.1	193.8	224.8	*263.6*	279.1	403.2	969.1	519.4	131.8
87.5°	77.5	85.3	93.0	116.3	147.3	*178.3*	193.8	279.1	372.1	356.6	31.0
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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REPORT NUMBER: P1063215
CATALOG NUMBER: GLAN-SA7C-940-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	193.8	193.8	193.8	193.8	193.8	193.8	193.8	193.8	193.8	193.8	193.8
2.5°	201.6	193.8	186.1	178.3	170.6	162.8	162.8	162.8	162.8	162.8	162.8
5°	193.8	186.1	178.3	162.8	147.3	139.6	131.8	124.0	124.0	124.0	124.0
7.5°	193.8	186.1	162.8	147.3	131.8	116.3	100.8	100.8	100.8	100.8	100.8
10°	193.8	178.3	155.1	131.8	108.5	93.0	85.3	77.5	77.5	77.5	77.5
12.5°	193.8	170.6	147.3	116.3	93.0	77.5	69.8	62.0	62.0	62.0	62.0
15°	193.8	170.6	139.6	108.5	85.3	62.0	54.3	46.5	46.5	46.5	46.5
17.5°	186.1	162.8	131.8	93.0	69.8	46.5	38.8	31.0	31.0	38.8	38.8
20°	178.3	155.1	116.3	77.5	54.3	38.8	23.3	23.3	23.3	23.3	23.3
22.5°	178.3	155.1	108.5	69.8	46.5	23.3	15.5	15.5	15.5	15.5	23.3
25°	178.3	147.3	93.0	54.3	31.0	15.5	7.8	7.8	7.8	7.8	7.8
27.5°	178.3	147.3	85.3	46.5	23.3	15.5	7.8	0.0	0.0	0.0	0.0
30°	170.6	139.6	77.5	38.8	15.5	7.8	0.0	0.0	0.0	0.0	0.0
32.5°	170.6	131.8	62.0	31.0	15.5	7.8	0.0	0.0	0.0	0.0	0.0
35°	178.3	124.0	54.3	23.3	7.8	0.0	0.0	0.0	0.0	0.0	7.8
37.5°	186.1	116.3	46.5	15.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	193.8	108.5	46.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	209.3	108.5	38.8	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	224.8	108.5	31.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	255.8	116.3	31.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	279.1	124.0	23.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	310.1	116.3	23.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	348.9	116.3	23.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	379.9	108.5	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*395.4*	*100.8*	*15.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	472.9	93.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	736.5	77.5	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1496.3	69.8	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2791.1	62.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3124.4	69.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1969.2	54.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1038.9	54.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	519.4	54.3	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	240.3	38.8	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	100.8	23.3	15.5	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	46.5	23.3	15.5	15.5	7.8	7.8	0.0	0.0	0.0	0.0	0.0
87.5°	23.3	23.3	23.3	15.5	15.5	7.8	7.8	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

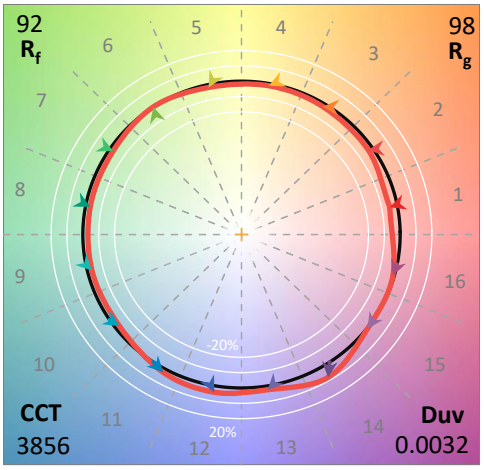
Test Information

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

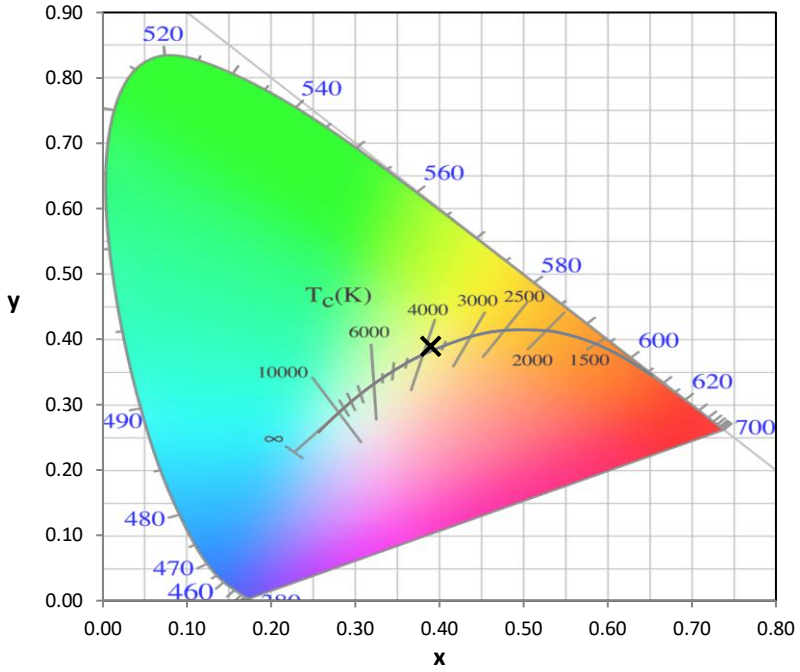
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

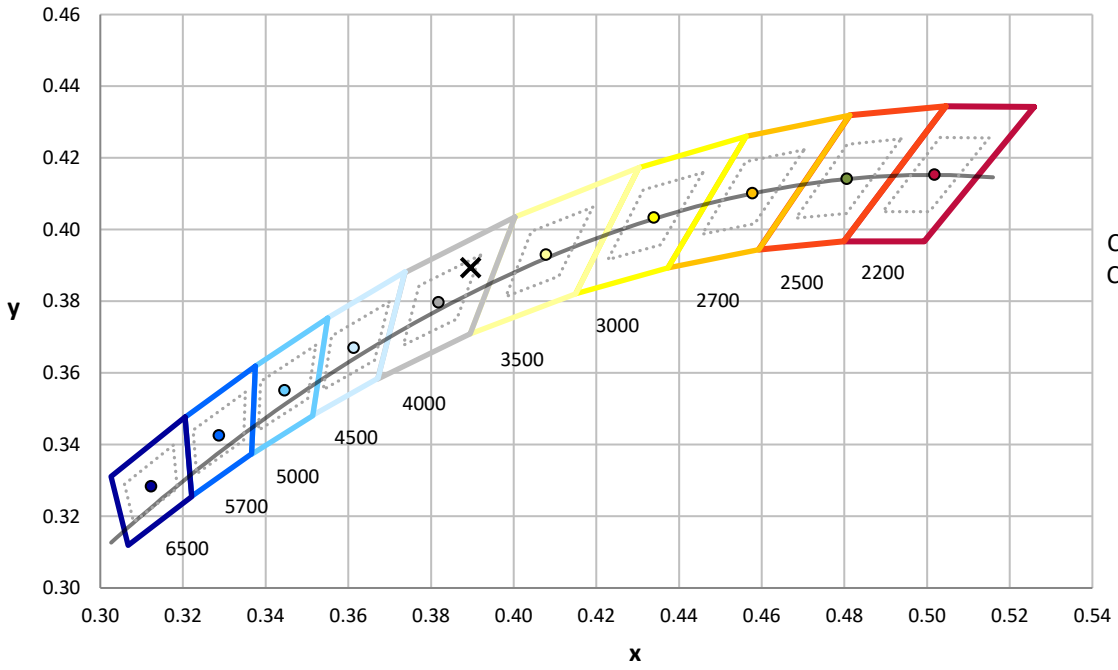
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

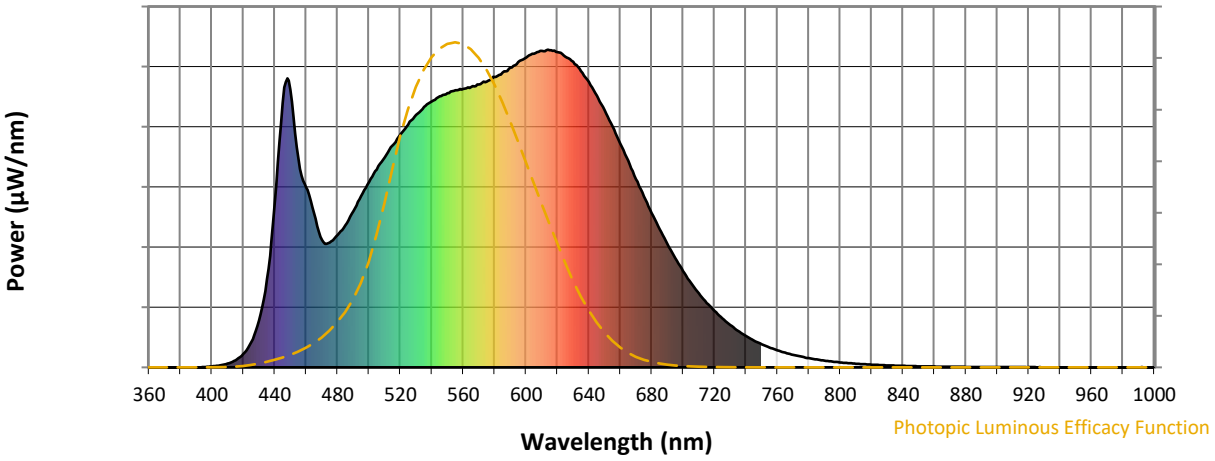


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

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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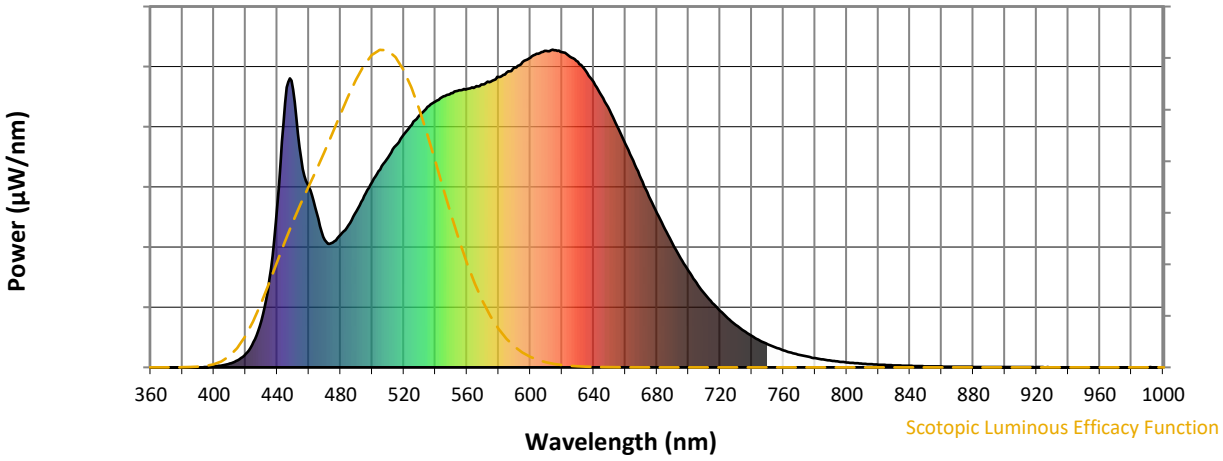
Scotopic Flux vs. Wavelength



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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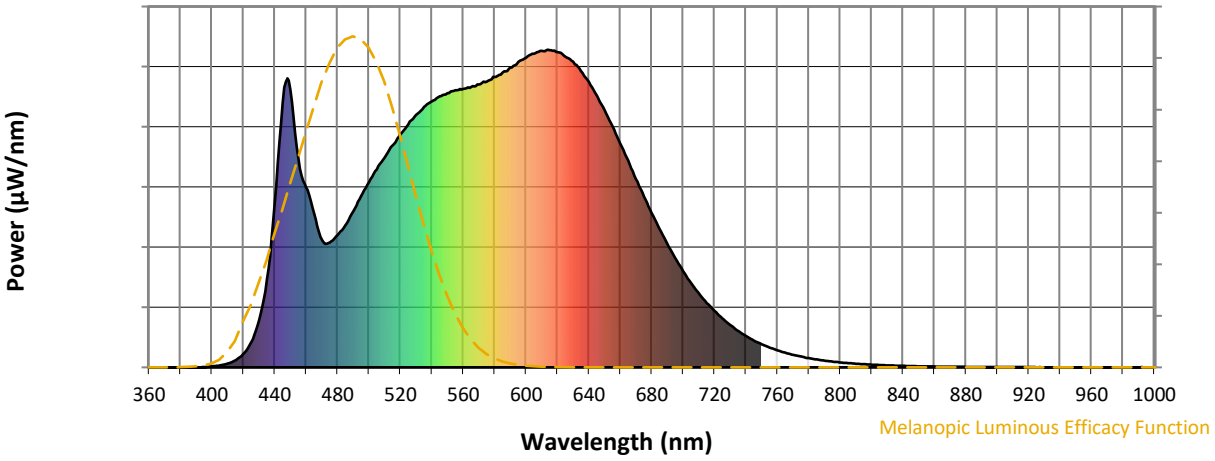
Melanopic Flux vs. Wavelength



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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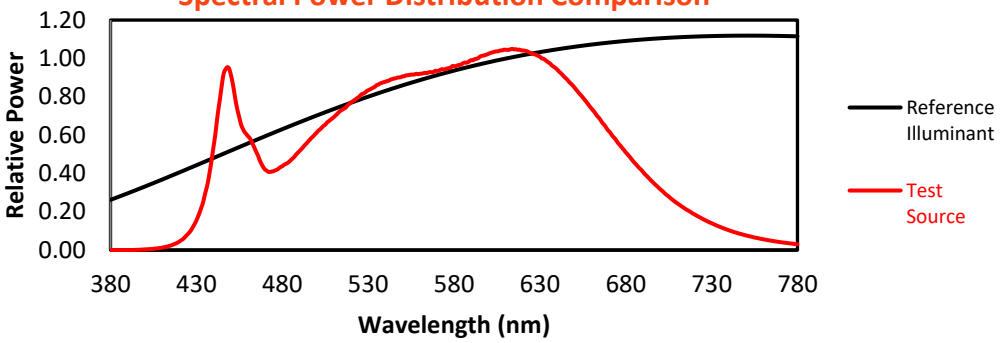
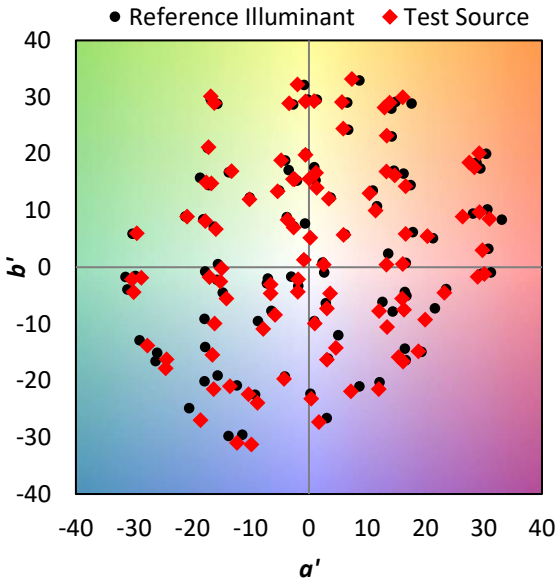
Summary

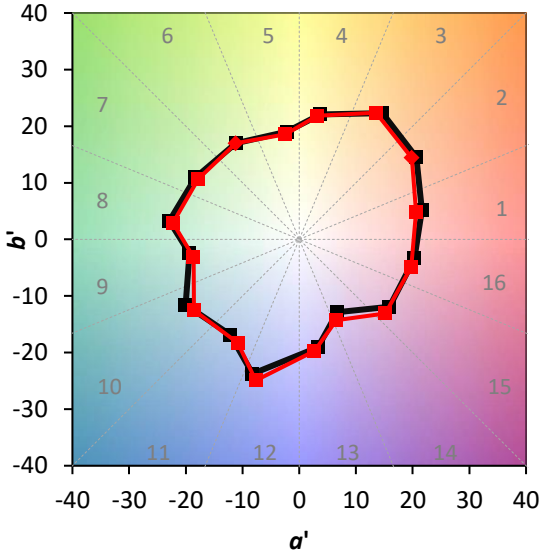
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

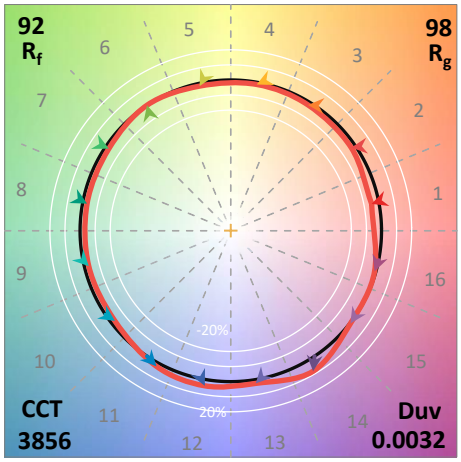
Spectral Power Distribution Comparison

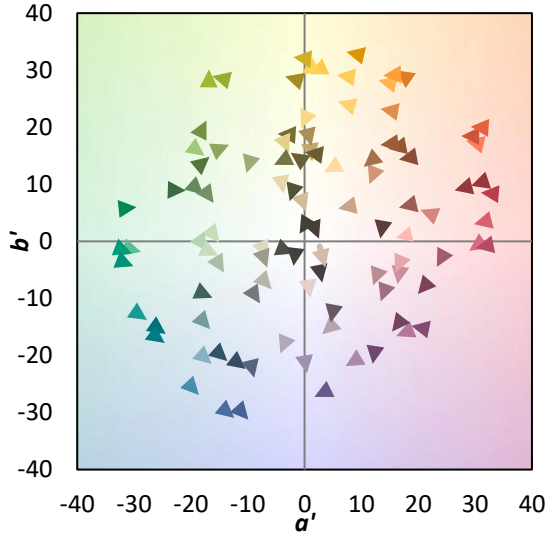


Color Vector Graphics









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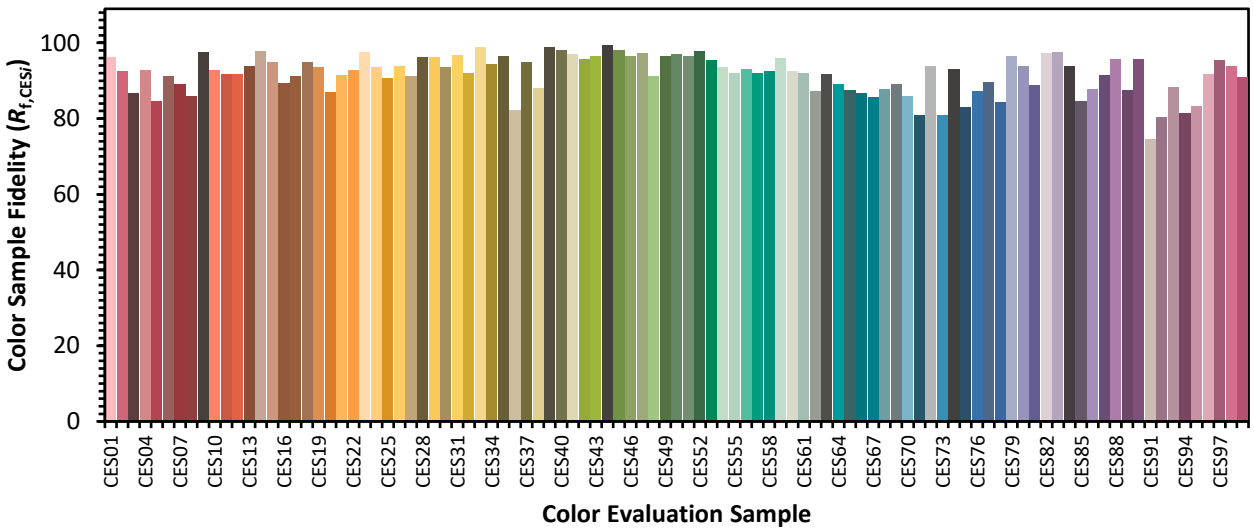
Individual Sample Fidelity Index ($R_{f,i}$)

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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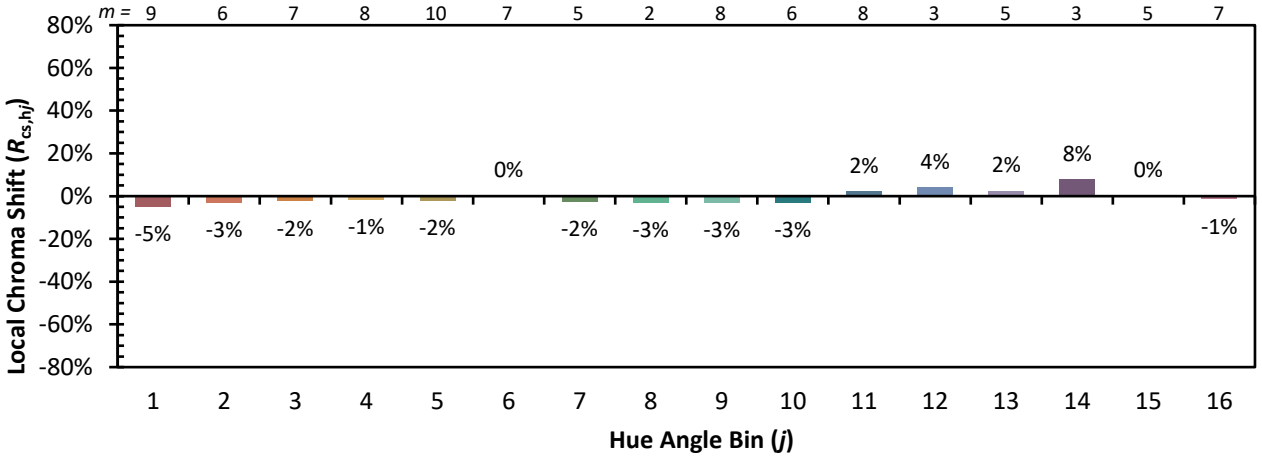
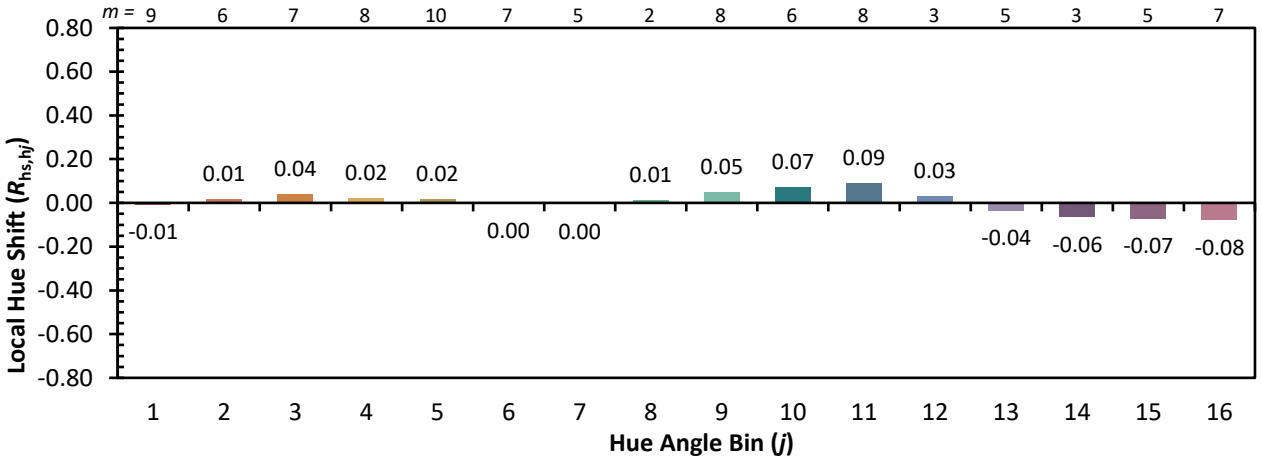
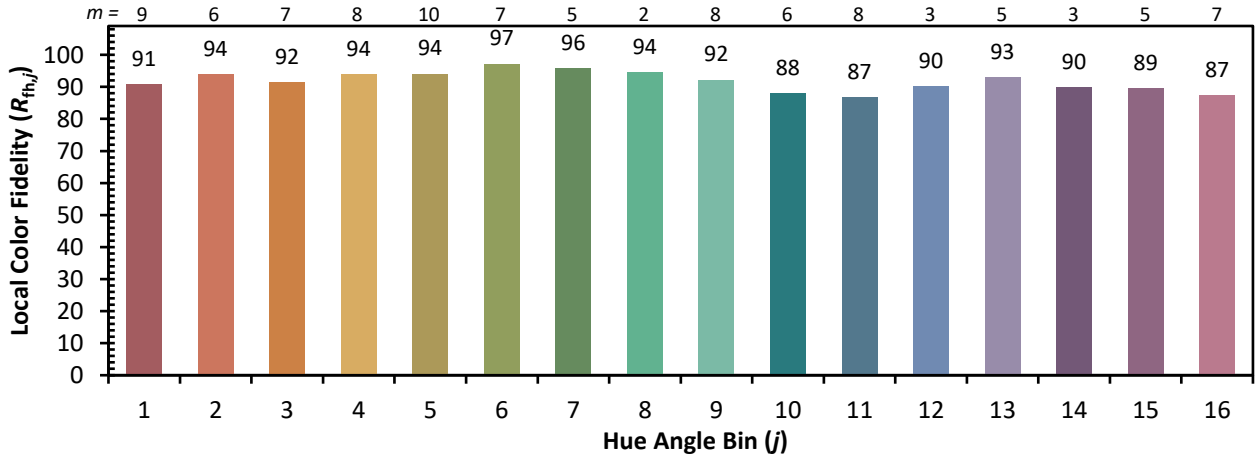
Color Rendition by Hue-Angle Bin







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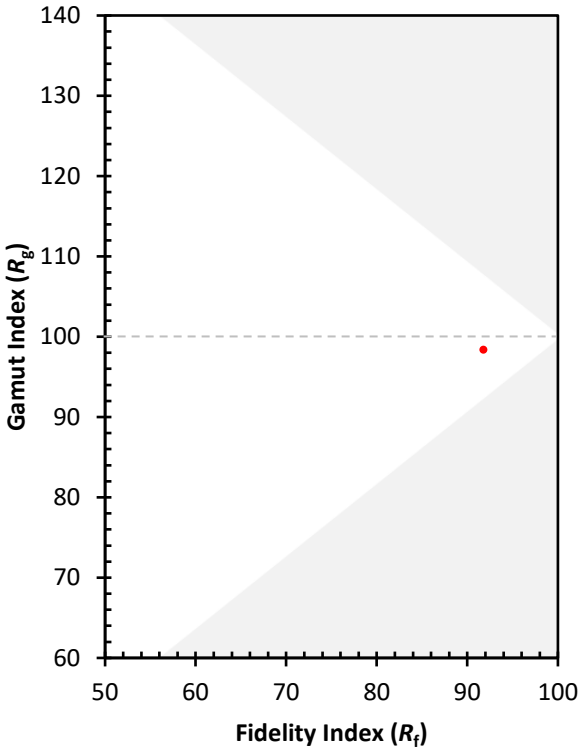
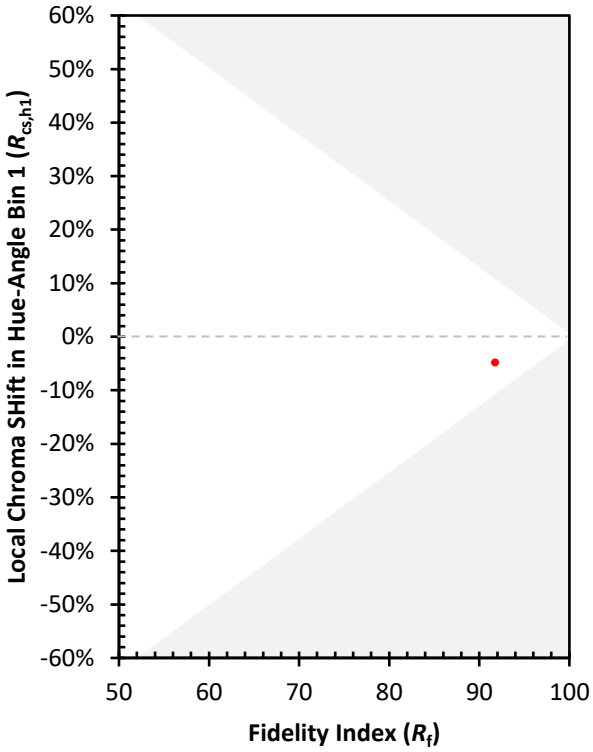
Measure Comparisons





(END OF REPORT)