Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1458613

Luminaire Tested: GLAN-SB4C-940-U-T3LG-HSS

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1458613
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4C-940-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 4xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16625.3 lumens
Efficiency:	N/A
Efficacy:	82.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	200.7
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: P1458613
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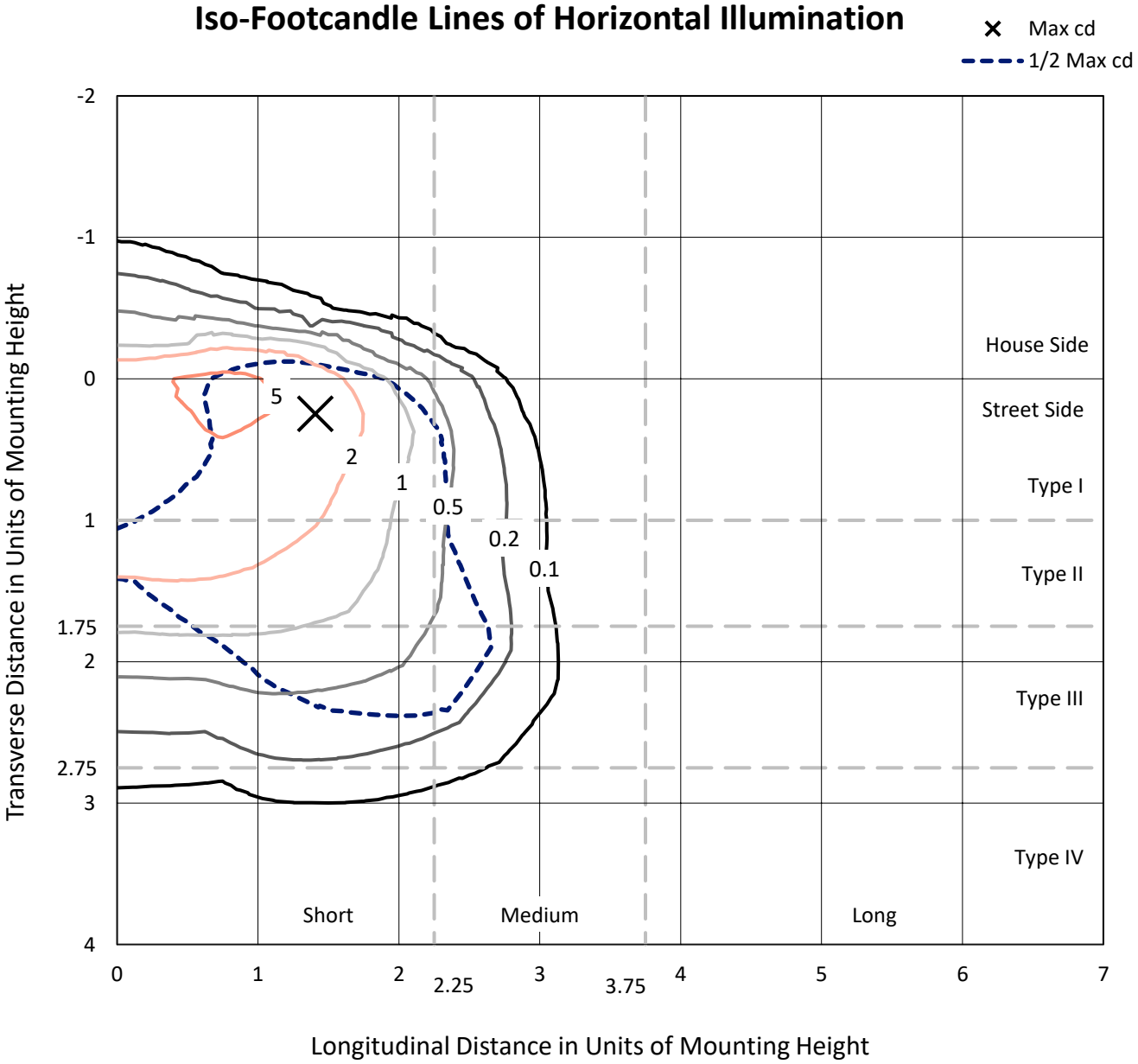
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.6 fc
Type III - Short - N/A

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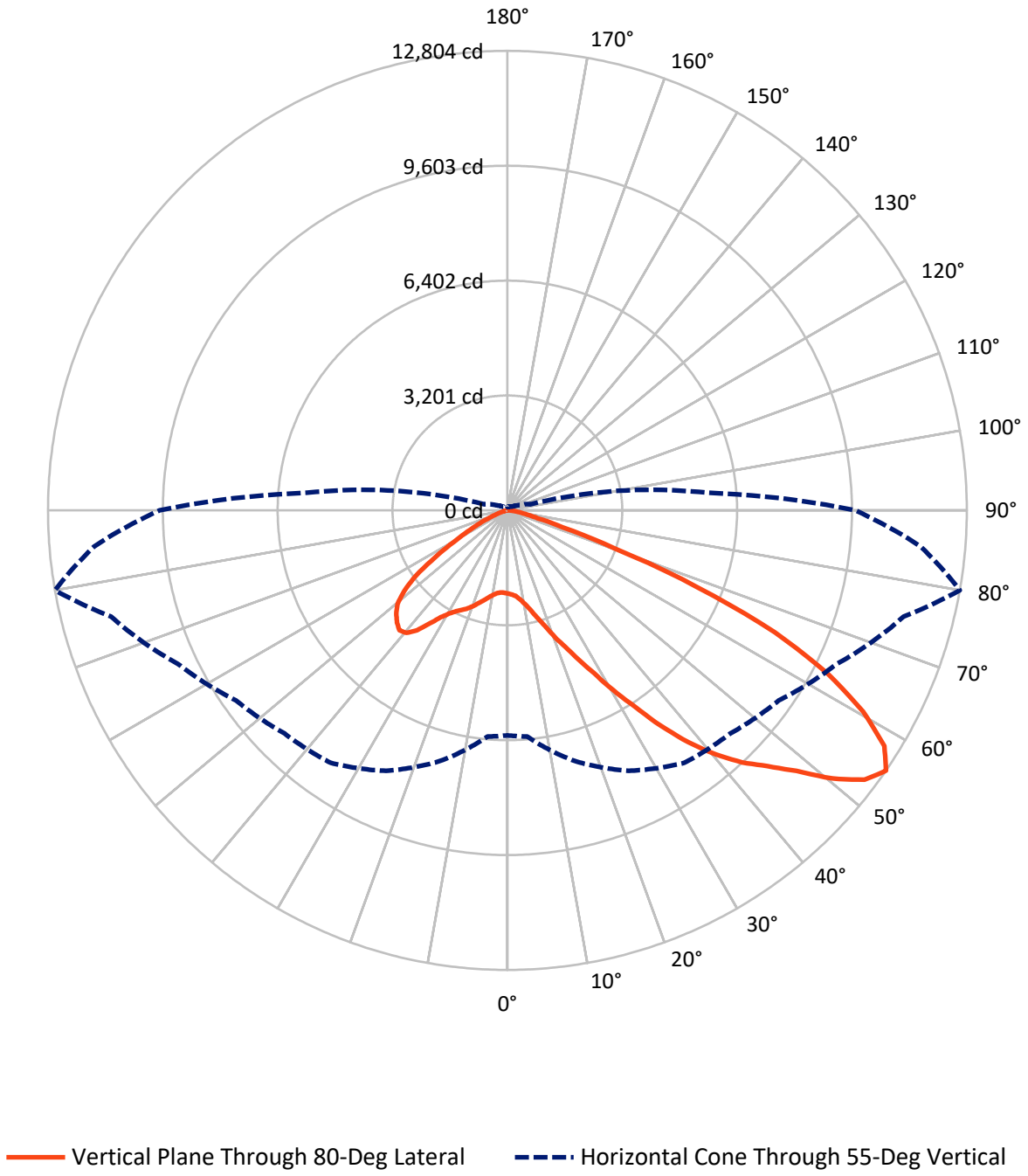
Luminous Intensity Polar Plot



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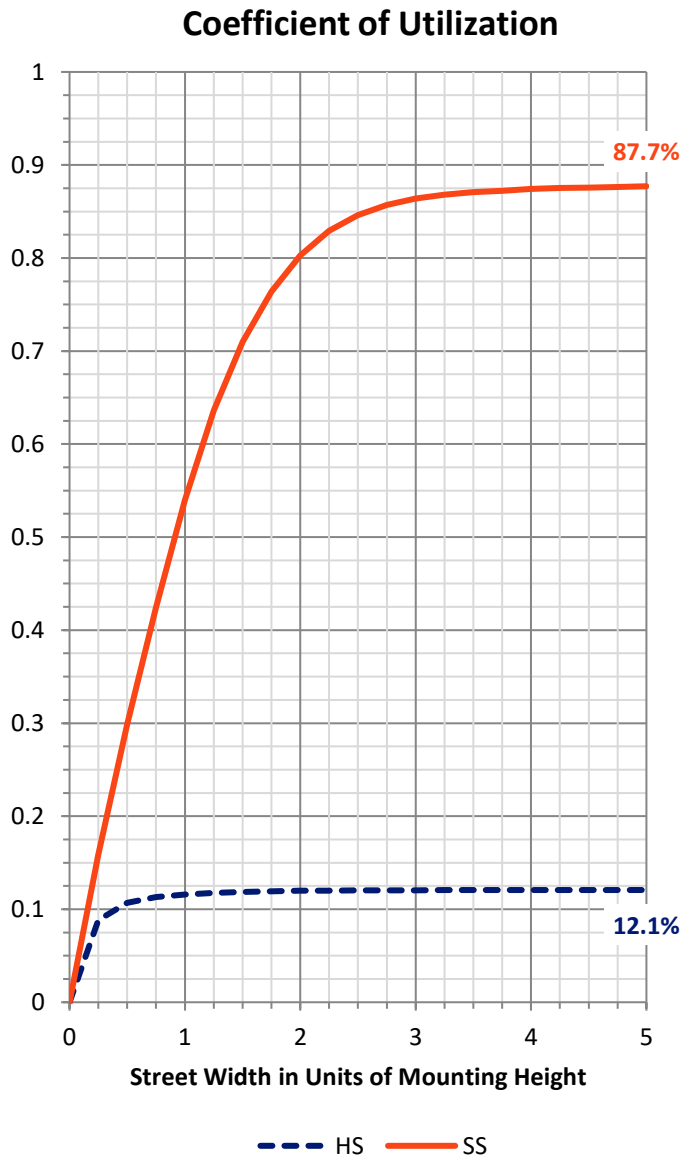
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2021.0	0.0	2021.0
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	14604.3	0.0	14604.3
	% Fixture	87.8	0.0	87.8
Total	Lumens	16625.3	0.0	16625.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.4	1.2
10°-20°	512.4	3.1
20°-30°	1003.1	6.0
30°-40°	2040.7	12.3
40°-50°	3440.3	20.7
50°-60°	4395.7	26.4
60°-70°	3752.9	22.6
70°-80°	1199.3	7.2
80°-90°	86.6	0.5
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°	16625.3	100.0
0°-180°	16625.3	100.0



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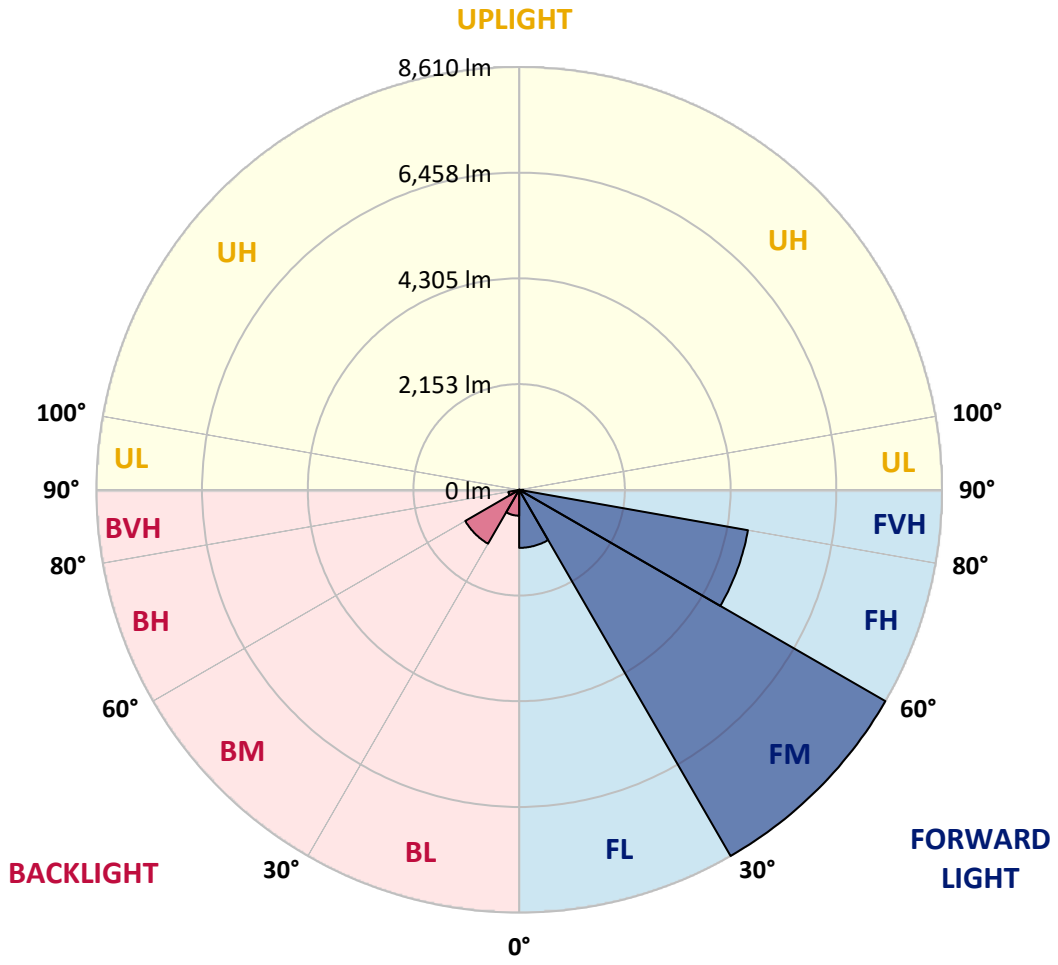
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1182.1	7.1			
FM	(30°-60°)	8610.1	51.8			
FH	(60°-80°)	4730.0	28.5			G2/5000
FVH	(80°-90°)	82.1	0.5			G1/100
BL	(0°-30°)	527.7	3.2	B2/1000		
BM	(30°-60°)	1266.6	7.6	B2/2500		
BH	(60°-80°)	222.1	1.3	B1/500		G1/500
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: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	*2315.9*	2315.9
2.5°	2330.1	2334.8	2330.1	2334.8	2344.2	2339.5	2358.4	2353.7	2353.7	*2349.0*	2330.1
5°	2197.7	2202.4	2211.9	2235.5	2268.6	2301.7	2344.2	2372.6	2401.0	*2396.2*	2377.3
7.5°	1937.8	1947.2	1985.0	2032.3	2141.0	2240.3	2349.0	2419.9	2481.3	*2500.2*	2486.0
10°	1791.3	1800.7	1824.3	1871.6	1970.9	2136.3	2349.0	2495.5	2604.2	*2642.0*	2646.7
12.5°	1777.1	1781.8	1800.7	1852.7	1937.8	2079.6	2344.2	2594.7	2779.1	*2835.8*	2854.7
15°	1786.5	1796.0	1814.9	1857.4	1956.7	2117.4	2382.0	2750.7	3010.6	*3091.0*	3095.7
17.5°	1824.3	1833.8	1857.4	1904.7	2013.4	2216.6	2500.2	2911.4	3289.5	*3379.3*	3431.3
20°	1900.0	1904.7	1933.0	1994.5	2117.4	2339.5	2675.1	3128.8	3625.1	*3757.4*	3795.2
22.5°	1999.2	2013.4	2051.2	2126.8	2282.8	2509.7	2916.1	3393.5	3993.7	*4130.8*	4196.9
25°	2107.9	2126.8	2183.5	2306.4	2504.9	2769.6	3213.9	3743.2	4428.5	*4593.9*	4683.7
27.5°	2330.1	2334.8	2372.6	2528.6	2783.8	3109.9	3592.0	4192.2	4939.0	*5132.7*	5232.0
30°	2816.9	2821.6	2788.5	2831.0	3091.0	3511.6	4036.2	4716.8	5534.5	*5803.9*	5884.2
32.5°	3412.4	3436.0	3431.3	3402.9	3521.1	3913.4	4565.6	5345.4	6234.0	*6517.5*	6593.2
35°	4088.2	4144.9	4130.8	4121.3	4135.5	4428.5	5170.6	6040.2	7028.0	*7373.0*	7434.4
37.5°	4749.9	4764.1	4830.3	4910.6	4920.1	5123.3	5870.0	6777.5	7765.3	*8204.8*	8299.4
40°	5260.4	5307.6	5473.0	5633.7	5799.1	5959.8	6446.6	7373.0	8351.3	*8942.1*	8984.7
42.5°	5657.4	5770.8	6011.8	6262.3	6597.9	6777.5	6994.9	7793.6	8828.7	*9599.1*	9580.2
45°	6139.4	6186.7	6527.0	6857.8	7198.1	7472.3	7467.5	8148.1	9202.1	*10161.5*	10043.4
47.5°	6465.6	6522.3	6985.4	7373.0	7722.7	7859.8	7888.2	8530.9	9717.2	*10842.1*	10563.2
50°	6640.4	6739.7	7245.4	7736.9	8115.0	8157.6	8285.2	9031.9	10393.1	*11744.8*	11220.2
52.5°	6659.3	6753.9	7335.2	7968.5	8379.7	8464.8	8682.2	9599.1	11050.0	*12467.9*	11598.3
55°	*6267.1*	*6323.8*	*7226.5*	*8006.3*	*8587.7*	*8786.2*	*9230.4*	*10123.7*	*11432.9*	*12803.5*	*11565.2*
57.5°	5898.4	5955.1	6739.7	7940.2	8800.3	9206.8	9816.5	10482.9	11135.1	*12387.6*	10827.9
60°	5581.7	5610.1	6323.8	7632.9	8880.7	9618.0	10322.2	10128.4	10364.7	*11390.3*	9566.0
62.5°	4986.2	5005.1	5851.1	7080.0	8720.0	9934.6	10497.1	9376.9	9518.7	*10015.0*	8081.9
65°	3766.8	3837.7	4612.9	6664.1	8455.3	10081.2	10090.6	8460.0	8313.5	*8195.4*	6356.9
67.5°	2556.9	2637.3	3105.2	5992.9	8025.2	10142.6	9301.3	7273.7	6333.2	*5723.5*	4163.9
70°	2041.8	2041.8	2202.4	4816.1	7004.4	9358.0	8323.0	5491.9	4022.1	*3161.9*	2230.8
72.5°	1342.3	1347.0	1498.2	3057.9	4967.3	7136.7	6786.9	3176.1	2089.0	*1611.7*	1101.2
75°	486.8	486.8	657.0	1224.1	2627.8	4248.9	4135.5	1517.1	1134.3	*879.1*	666.4
77.5°	259.9	269.4	316.7	505.7	1006.7	1729.8	1616.4	775.1	642.8	*548.2*	415.9
80°	174.9	179.6	212.7	311.9	486.8	666.4	519.9	434.8	434.8	*368.7*	278.9
82.5°	94.5	99.3	141.8	203.2	259.9	311.9	250.5	255.2	307.2	*250.5*	160.7
85°	66.2	66.2	108.7	146.5	146.5	151.2	108.7	160.7	179.6	*156.0*	108.7
87.5°	37.8	37.8	61.4	70.9	70.9	66.2	33.1	56.7	70.9	*80.3*	47.3
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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Scaled Data Report

REPORT NUMBER: P1458613
CATALOG NUMBER: GLAN-SB4C-940-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9	2315.9
2.5°	2325.3	2311.2	2282.8	2226.1	2197.7	2159.9	2126.8	2084.3	2074.8	2070.1	2051.2
5°	2363.1	2334.8	2249.7	2126.8	2022.8	1923.6	1824.3	1767.6	1720.4	1696.7	1692.0
7.5°	2457.7	2401.0	2245.0	2027.6	1833.8	1663.7	1517.1	1389.5	1323.4	1266.6	1271.4
10°	2599.5	2509.7	2254.4	1933.0	1644.7	1370.6	1157.9	973.6	841.3	779.8	775.1
12.5°	2788.5	2660.9	2287.5	1838.5	1413.2	1030.3	760.9	652.2	623.9	619.1	614.4
15°	3020.1	2840.5	2320.6	1715.6	1101.2	713.7	619.1	595.5	590.8	586.1	586.1
17.5°	3298.9	3048.5	2339.5	1507.7	803.5	614.4	581.3	567.2	562.4	557.7	557.7
20°	3648.7	3280.0	2363.1	1243.0	680.6	590.8	553.0	534.1	529.3	529.3	524.6
22.5°	3993.7	3540.0	2344.2	1011.4	657.0	562.4	519.9	501.0	491.5	491.5	486.8
25°	4390.7	3804.7	2287.5	912.2	652.2	538.8	486.8	458.4	444.3	439.5	439.5
27.5°	4844.4	4107.1	2197.7	916.9	652.2	519.9	444.3	406.5	397.0	387.6	387.6
30°	5364.3	4475.8	2131.6	978.3	661.7	501.0	406.5	359.2	345.0	335.6	340.3
32.5°	5959.8	4887.0	2126.8	1077.6	675.9	472.6	363.9	311.9	297.8	293.0	297.8
35°	6635.7	5397.4	2235.5	1153.2	638.0	411.2	311.9	269.4	255.2	255.2	259.9
37.5°	7387.2	5983.5	2382.0	1134.3	515.2	326.1	269.4	236.3	222.1	226.9	231.6
40°	8072.5	6441.9	2405.7	968.9	387.6	278.9	231.6	208.0	198.5	203.2	208.0
42.5°	8592.4	6810.6	2178.8	751.5	326.1	236.3	198.5	179.6	174.9	184.3	184.3
45°	9013.0	6957.1	1819.6	557.7	288.3	203.2	174.9	165.4	156.0	160.7	160.7
47.5°	9452.6	6980.7	1484.1	449.0	255.2	184.3	160.7	151.2	141.8	141.8	141.8
50°	9877.9	6924.0	1134.3	397.0	236.3	165.4	146.5	137.1	127.6	122.9	122.9
52.5°	9981.9	6470.3	831.8	368.7	217.4	156.0	137.1	127.6	118.2	113.4	113.4
55°	*9693.6*	*5610.1*	*652.2*	*330.8*	*198.5*	*141.8*	*127.6*	*118.2*	*104.0*	*99.3*	*99.3*
57.5°	8743.6	4277.3	519.9	283.6	179.6	137.1	118.2	108.7	94.5	89.8	89.8
60°	7510.1	3034.3	420.6	231.6	165.4	122.9	108.7	94.5	85.1	75.6	75.6
62.5°	6144.2	2178.8	340.3	193.8	156.0	108.7	99.3	85.1	66.2	52.0	52.0
65°	4712.1	1564.4	264.7	156.0	141.8	94.5	85.1	70.9	52.0	37.8	37.8
67.5°	3048.5	1011.4	198.5	137.1	108.7	80.3	66.2	56.7	47.3	33.1	28.4
70°	1606.9	590.8	146.5	118.2	80.3	61.4	56.7	47.3	37.8	23.6	23.6
72.5°	831.8	387.6	108.7	104.0	61.4	42.5	47.3	37.8	28.4	14.2	14.2
75°	534.1	259.9	80.3	85.1	37.8	33.1	33.1	23.6	14.2	9.5	4.7
77.5°	345.0	174.9	56.7	70.9	23.6	18.9	18.9	9.5	4.7	0.0	0.0
80°	203.2	108.7	37.8	47.3	9.5	9.5	4.7	0.0	0.0	0.0	0.0
82.5°	104.0	56.7	18.9	18.9	4.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	66.2	28.4	4.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.1	9.5	4.7	0.0	0.0	0.0	0.0	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

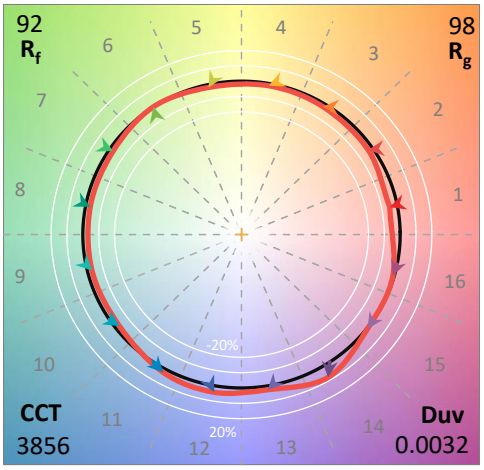
Test Information

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

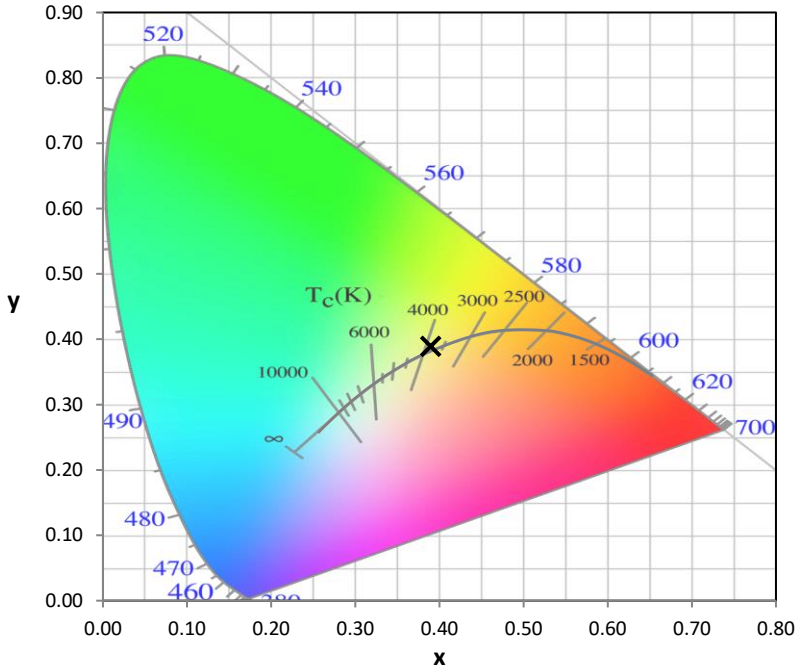
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

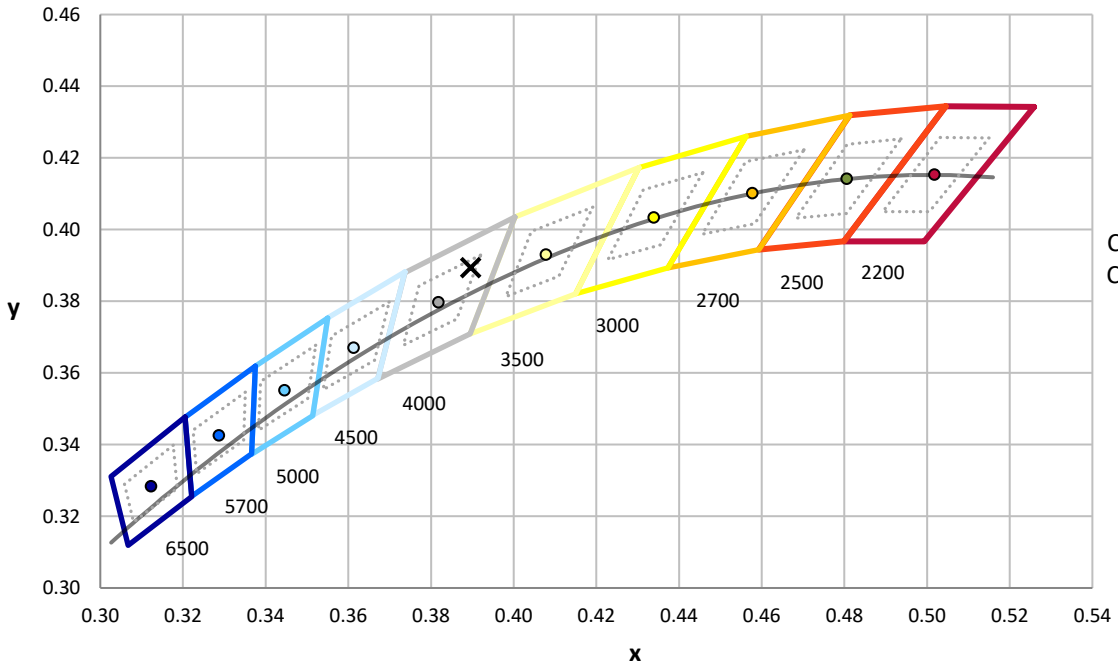
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

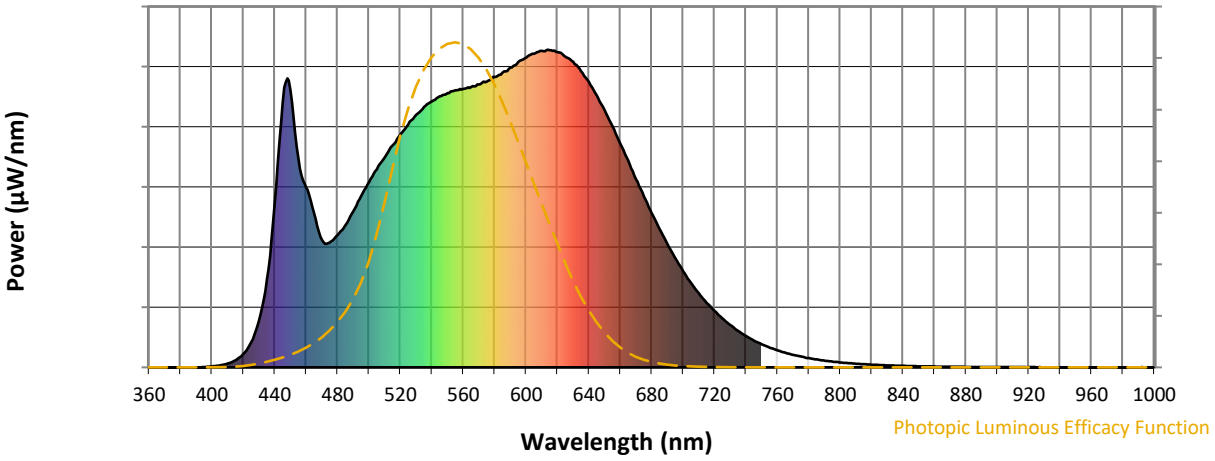


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

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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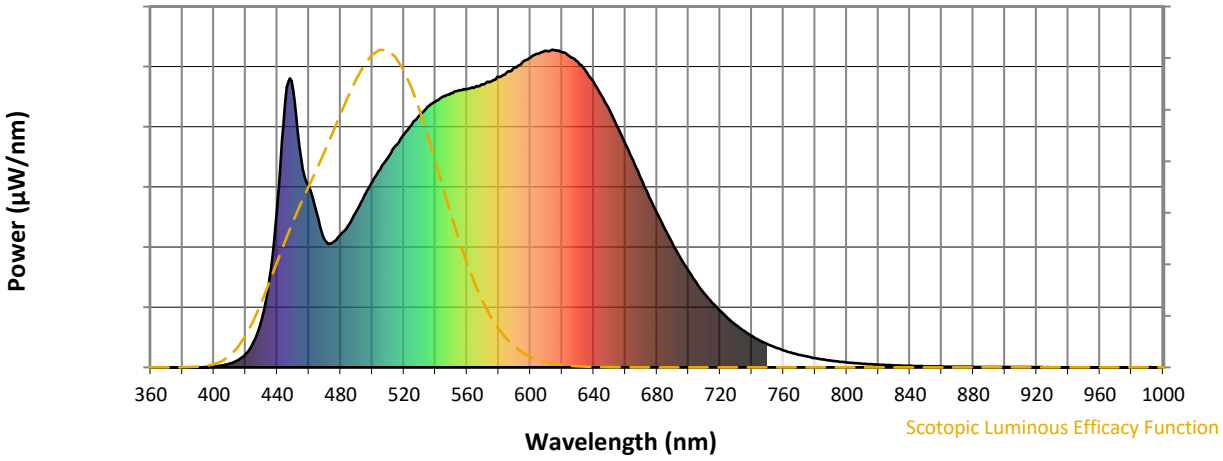
Scotopic Flux vs. Wavelength



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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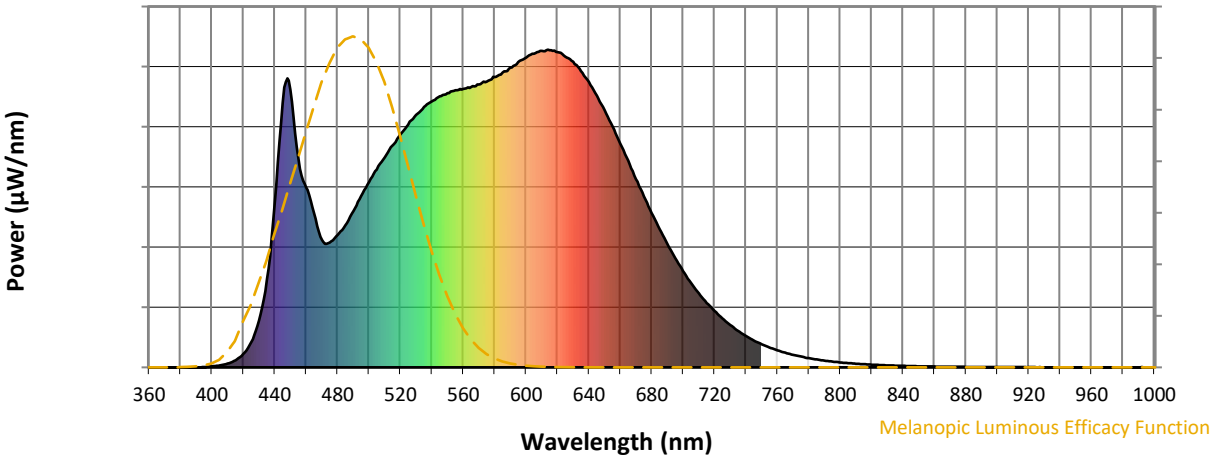
Melanopic Flux vs. Wavelength



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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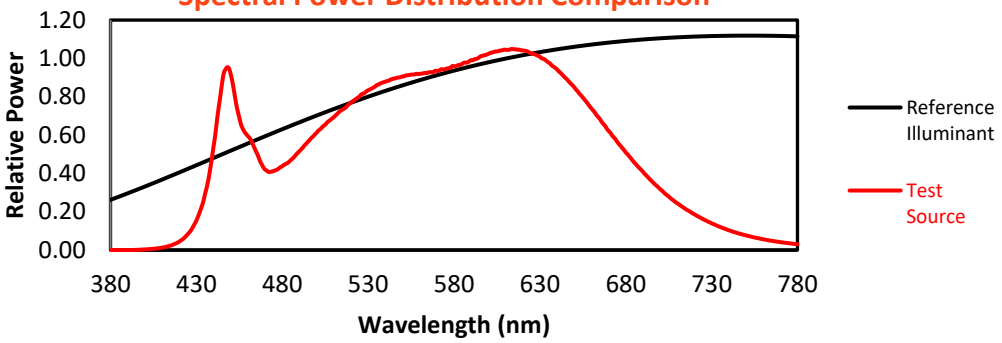
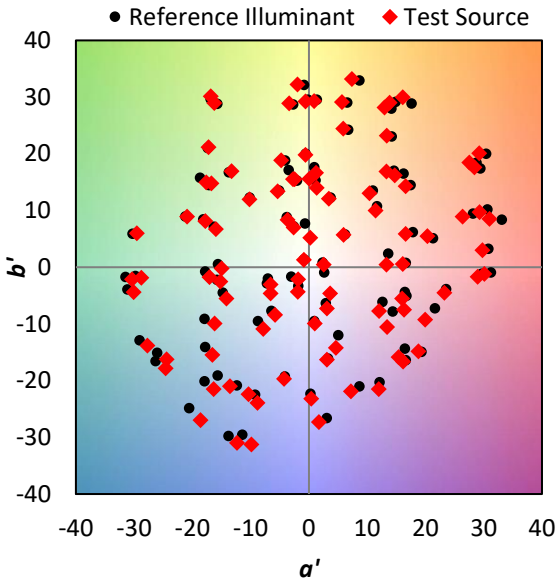
Summary

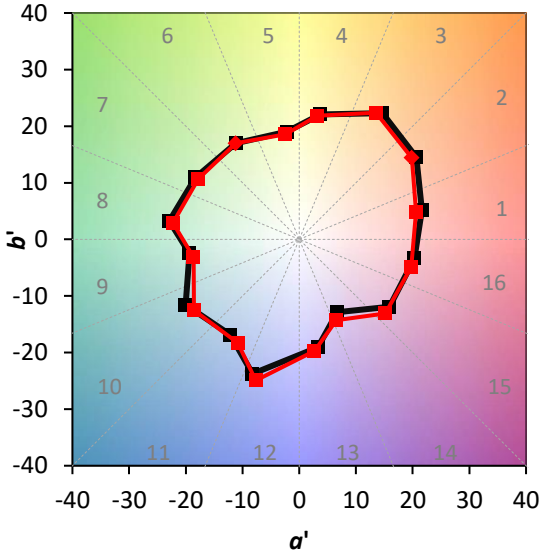
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

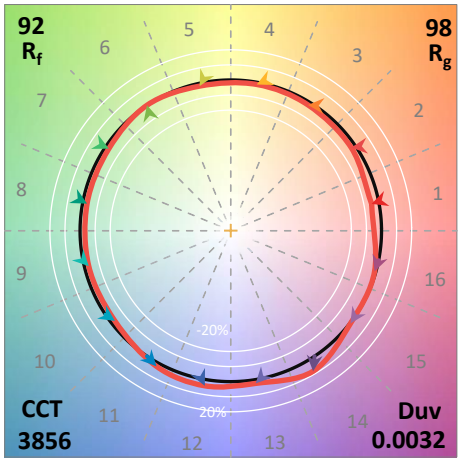
Spectral Power Distribution Comparison

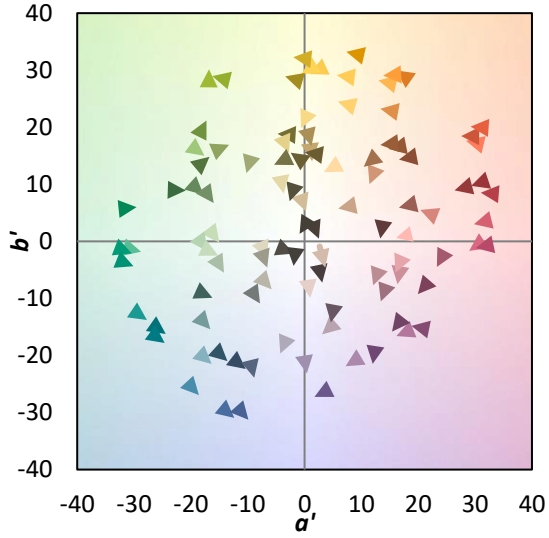


Color Vector Graphics









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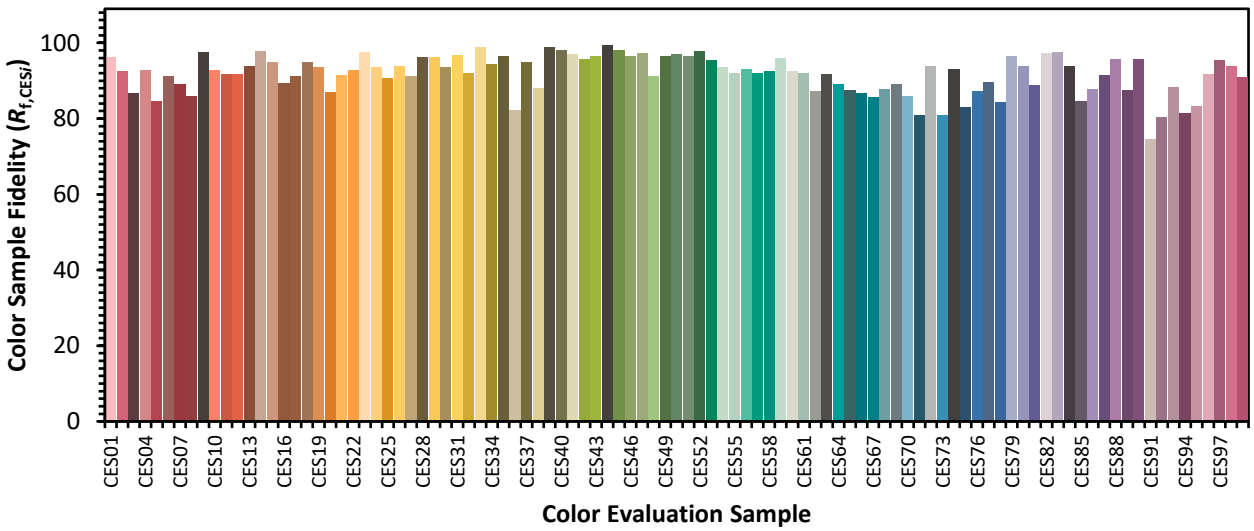
Individual Sample Fidelity Index ($R_{f,i}$)

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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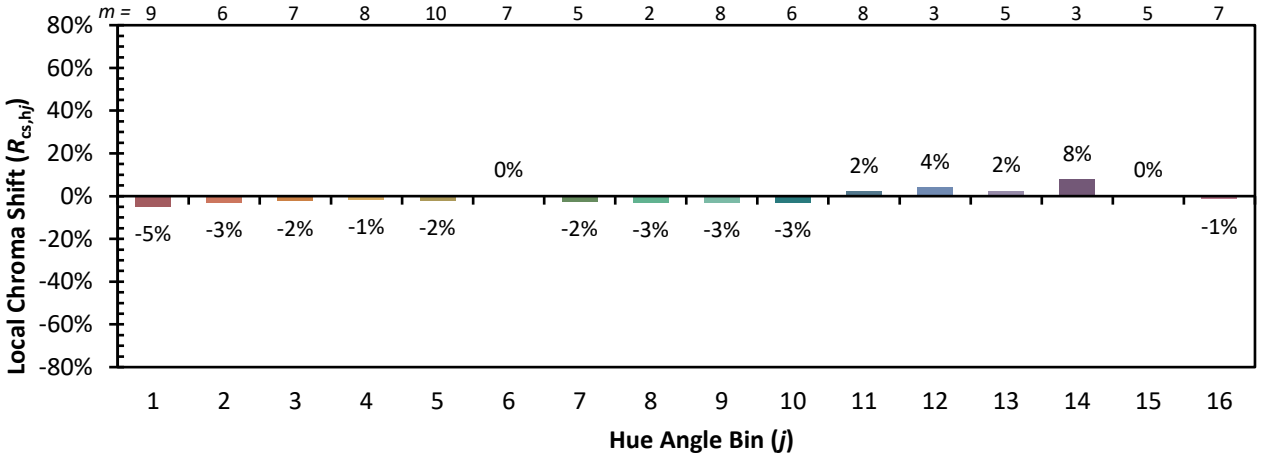
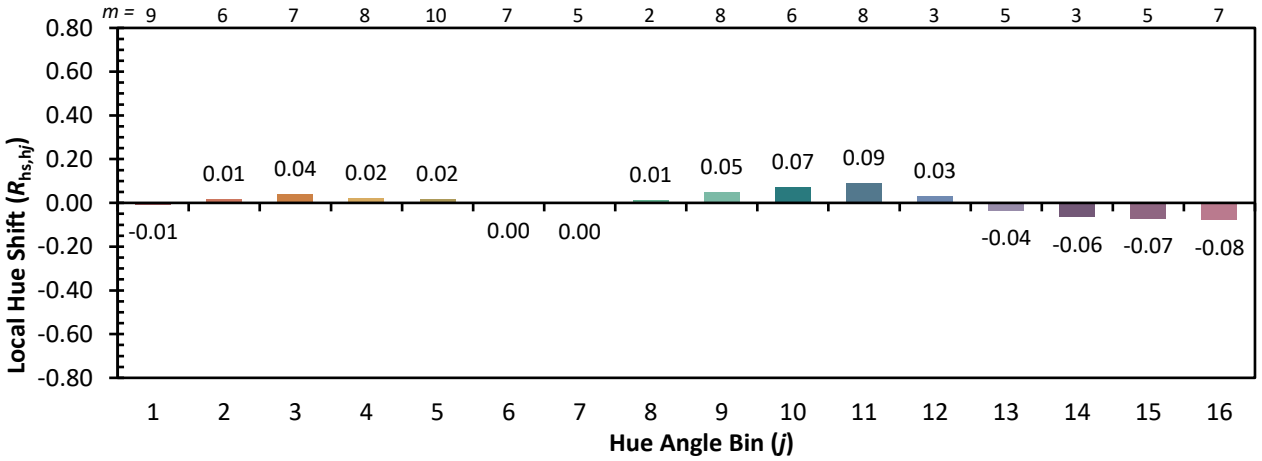
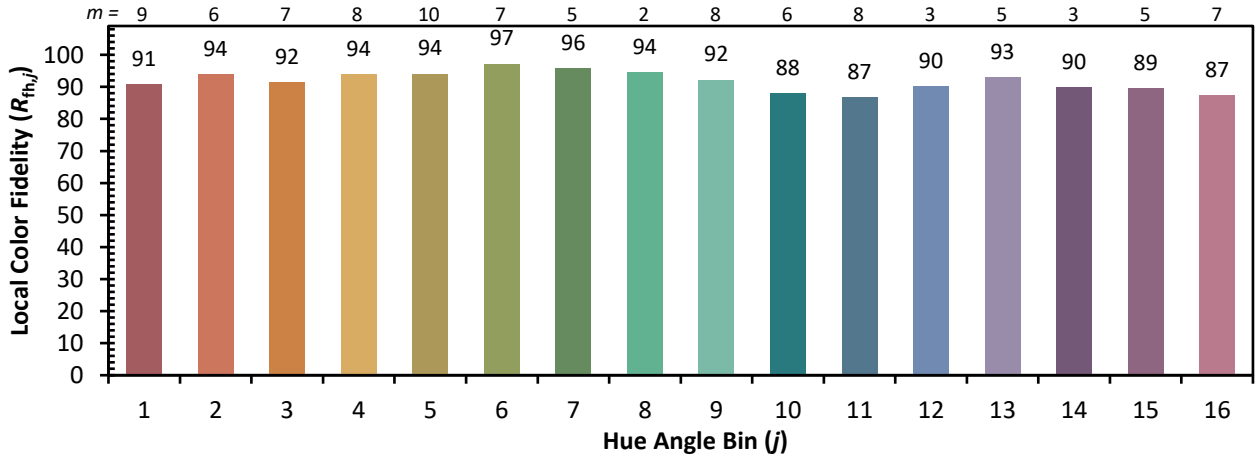
Color Rendition by Hue-Angle Bin







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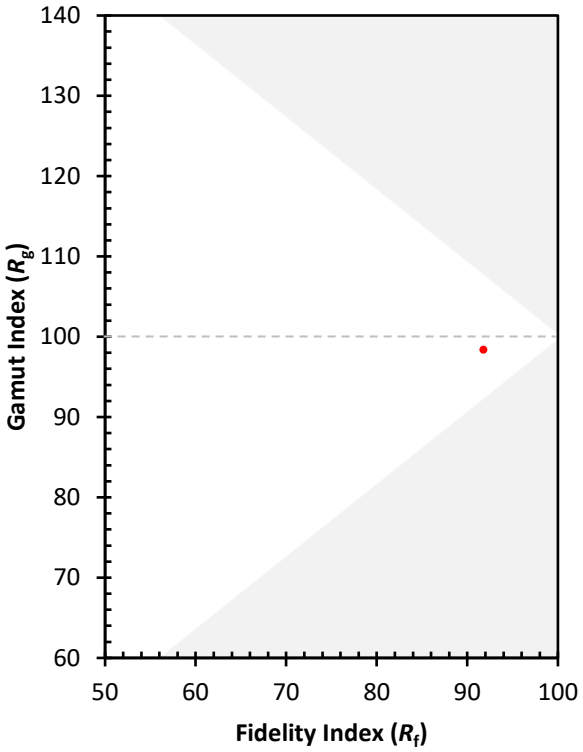
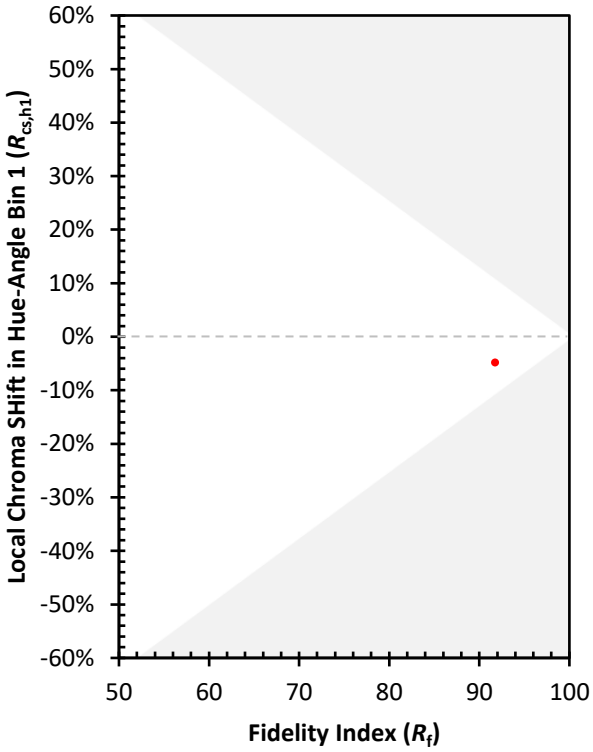
Measure Comparisons





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