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: P1458091

Luminaire Tested: GLAN-SB9A-740-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:	P1458091
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-740-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	33038.7 lumens
Efficiency:	N/A
Efficacy:	129.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	255.5
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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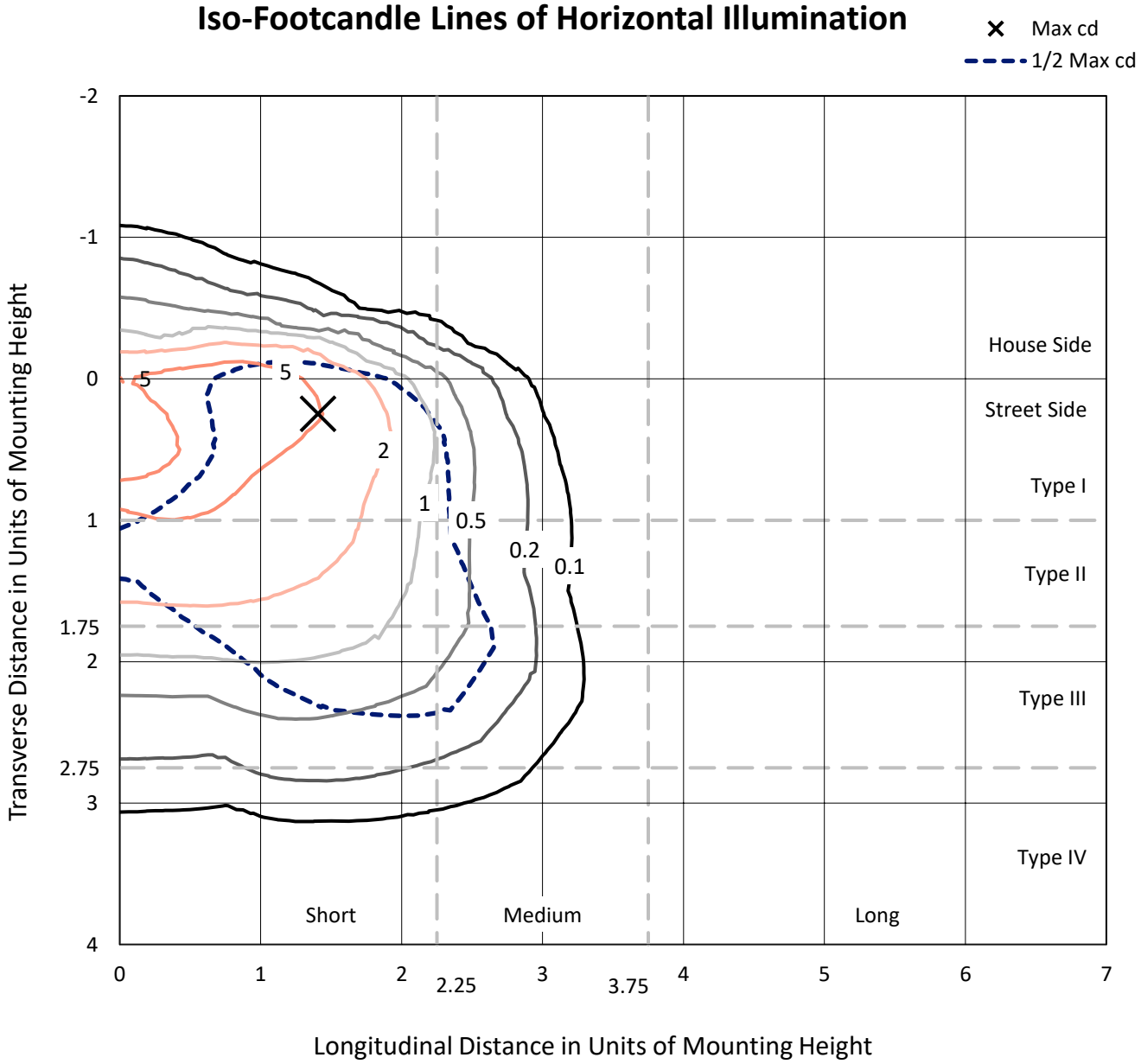
REPORT NUMBER: P1458091
CATALOG NUMBER: GLAN-SB9A-740-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 9.1 fc
Type III - Short - N/A

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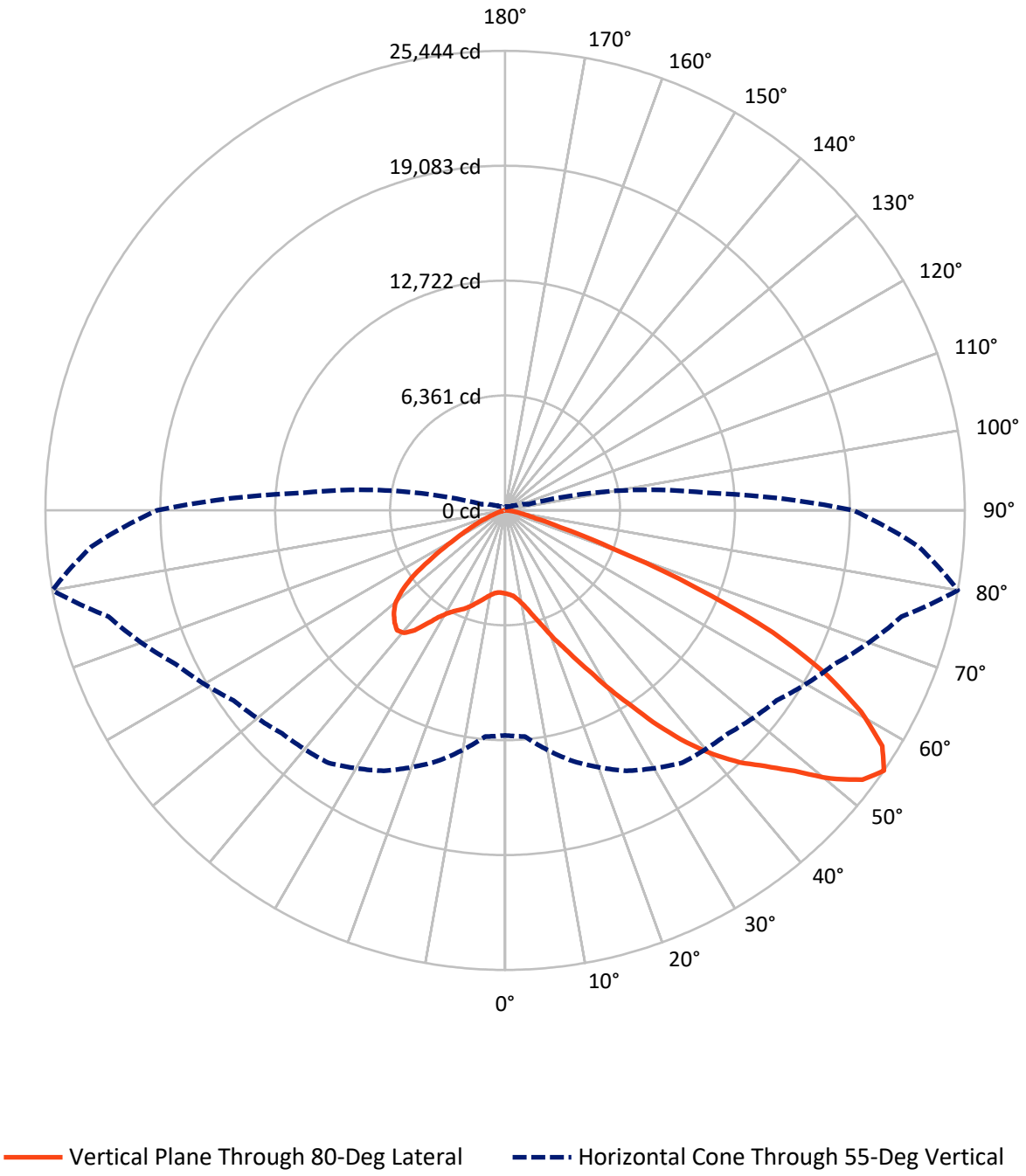
Luminous Intensity Polar Plot



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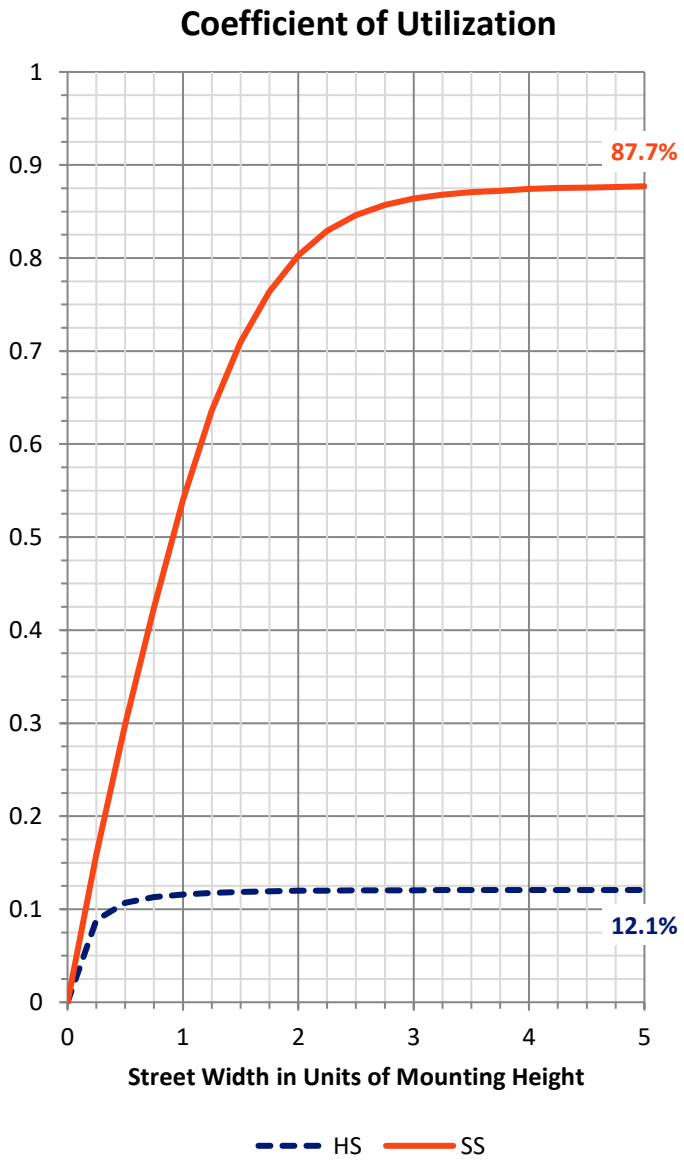
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4016.2	0.0	4016.2
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	29022.5	0.0	29022.5
	% Fixture	87.8	0.0	87.8
Total	Lumens	33038.7	0.0	33038.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	386.2	1.2
10°-20°	1018.2	3.1
20°-30°	1993.4	6.0
30°-40°	4055.4	12.3
40°-50°	6836.8	20.7
50°-60°	8735.4	26.4
60°-70°	7458.0	22.6
70°-80°	2383.3	7.2
80°-90°	172.1	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°	33038.7	100.0
0°-180°	33038.7	100.0



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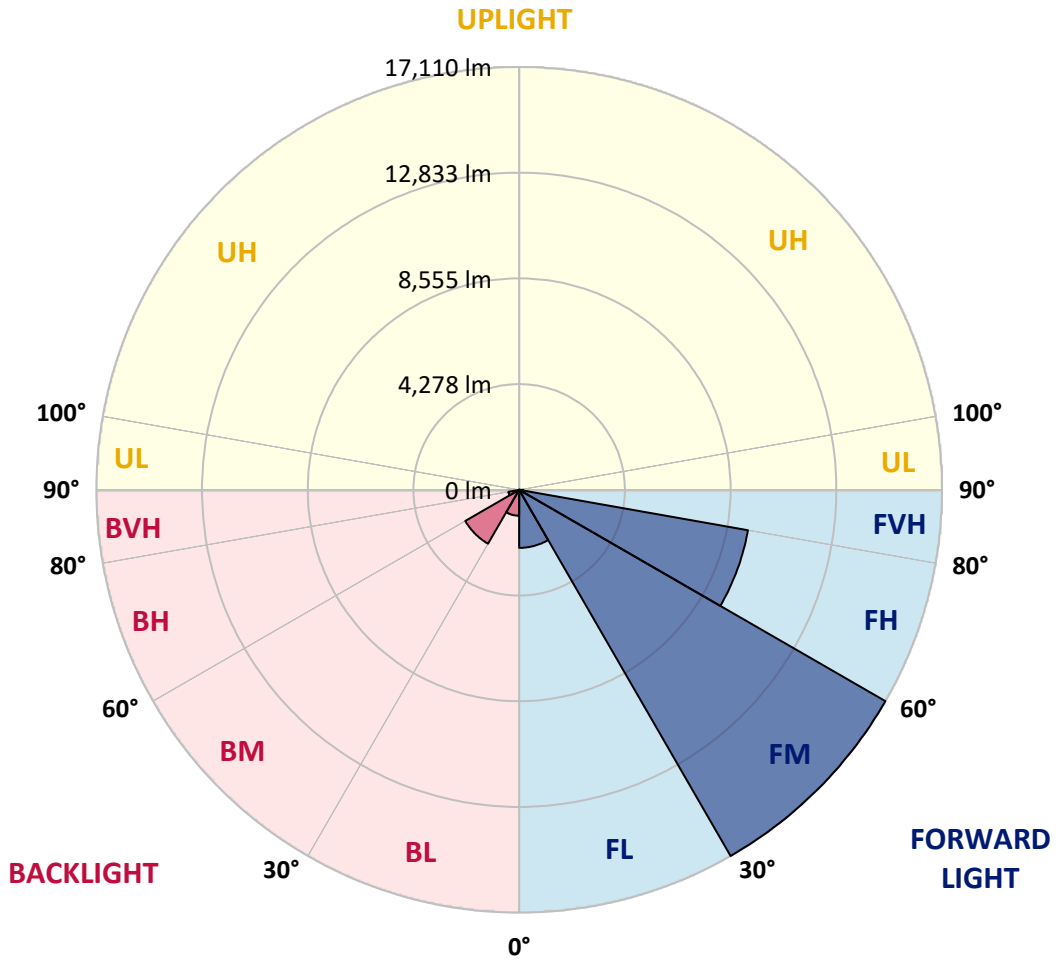
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2349.1	7.1			
FM	(30°-60°)	17110.5	51.8			
FH	(60°-80°)	9399.8	28.5			G4/12000
FVH	(80°-90°)	163.1	0.5			G2/225
BL	(0°-30°)	1048.7	3.2	B3/2500		
BM	(30°-60°)	2517.1	7.6	B3/5000		
BH	(60°-80°)	441.4	1.3	B1/500		G1/500
BVH	(80°-90°)	9.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	*4602.2*	4602.2
2.5°	4630.4	4639.8	4630.4	4639.8	4658.6	4649.2	4686.8	4677.4	4677.4	*4668.0*	4630.4
5°	4367.4	4376.8	4395.6	4442.6	4508.3	4574.1	4658.6	4715.0	4771.3	*4761.9*	4724.3
7.5°	3850.9	3869.6	3944.8	4038.7	4254.7	4452.0	4668.0	4808.9	4931.0	*4968.5*	4940.4
10°	3559.7	3578.5	3625.4	3719.4	3916.6	4245.3	4668.0	4959.2	5175.2	*5250.3*	5259.7
12.5°	3531.5	3540.9	3578.5	3681.8	3850.9	4132.6	4658.6	5156.4	5522.7	*5635.4*	5673.0
15°	3550.3	3569.1	3606.7	3691.2	3888.4	4207.8	4733.7	5466.3	5982.9	*6142.6*	6152.0
17.5°	3625.4	3644.2	3691.2	3785.1	4001.1	4405.0	4968.5	5785.7	6537.1	*6715.5*	6818.8
20°	3775.7	3785.1	3841.5	3963.6	4207.8	4649.2	5316.1	6217.7	7203.9	*7466.9*	7542.0
22.5°	3973.0	4001.1	4076.3	4226.5	4536.5	4987.3	5795.1	6743.7	7936.5	*8208.9*	8340.4
25°	4189.0	4226.5	4339.3	4583.5	4977.9	5503.9	6386.8	7438.7	8800.6	*9129.3*	9307.8
27.5°	4630.4	4639.8	4715.0	5024.9	5532.1	6180.2	7138.2	8331.0	9815.0	*10200.1*	10397.3
30°	5597.8	5607.2	5541.5	5626.0	6142.6	6978.5	8021.1	9373.5	10998.4	*11533.8*	11693.5
32.5°	6781.3	6828.2	6818.8	6762.5	6997.3	7776.9	9073.0	10622.7	12388.5	*12952.0*	13102.3
35°	8124.4	8237.1	8208.9	8190.1	8218.3	8800.6	10275.2	12003.4	13966.4	*14652.0*	14774.1
37.5°	9439.3	9467.5	9599.0	9758.6	9777.4	10181.3	11665.3	13468.6	15431.6	*16305.1*	16492.9
40°	10453.7	10547.6	10876.3	11195.7	11524.4	11843.7	12811.1	14652.0	16596.3	*17770.3*	17854.8
42.5°	11242.6	11468.0	11947.0	12444.8	13111.7	13468.6	13900.7	15488.0	17544.9	*19075.8*	19038.3
45°	12200.6	12294.6	12970.8	13628.3	14304.5	14849.3	14839.9	16192.4	18286.9	*20193.5*	19958.7
47.5°	12848.7	12961.4	13881.9	14652.0	15347.1	15619.4	15675.8	16953.2	19310.6	*21546.0*	20991.9
50°	13196.2	13393.5	14398.4	15375.2	16126.6	16211.2	16464.8	17948.7	20653.7	*23339.9*	22297.4
52.5°	13233.8	13421.6	14576.9	15835.5	16652.6	16821.7	17253.7	19075.8	21959.3	*24777.0*	23048.8
55°	*12454.2*	*12566.9*	*14360.9*	*15910.6*	*17065.9*	*17460.3*	*18343.2*	*20118.4*	*22720.1*	*25443.8*	*22983.0*
57.5°	11721.6	11834.3	13393.5	15779.1	17488.5	18296.3	19507.9	20832.2	22128.3	*24617.3*	21517.8
60°	11092.3	11148.7	12566.9	15168.6	17648.2	19113.4	20512.9	20127.8	20597.4	*22635.5*	19010.1
62.5°	9908.9	9946.5	11627.7	14069.7	17328.9	19742.7	20860.4	18634.4	18916.2	*19902.4*	16060.9
65°	7485.7	7626.6	9166.9	13243.2	16802.9	20033.8	20052.6	16812.3	16521.1	*16286.3*	12632.7
67.5°	5081.3	5240.9	6170.8	11909.5	15948.2	20155.9	18484.1	14454.8	12585.7	*11374.1*	8274.6
70°	4057.5	4057.5	4376.8	9570.8	13919.4	18596.8	16539.9	10913.9	7992.9	*6283.5*	4433.2
72.5°	2667.4	2676.8	2977.4	6076.8	9871.3	14182.4	13487.4	6311.6	4151.4	*3202.8*	2188.4
75°	967.4	967.4	1305.5	2432.6	5222.1	8443.7	8218.3	3014.9	2254.2	*1747.0*	1324.3
77.5°	516.6	535.4	629.3	1005.0	2000.6	3437.6	3212.2	1540.3	1277.4	*1089.5*	826.5
80°	347.5	356.9	422.7	619.9	967.4	1324.3	1033.2	864.1	864.1	*732.6*	554.1
82.5°	187.8	197.2	281.8	403.9	516.6	619.9	497.8	507.2	610.5	*497.8*	319.3
85°	131.5	131.5	216.0	291.2	291.2	300.6	216.0	319.3	356.9	*309.9*	216.0
87.5°	75.1	75.1	122.1	140.9	140.9	131.5	65.7	112.7	140.9	*159.7*	93.9
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: P1458091
CATALOG NUMBER: GLAN-SB9A-740-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2	4602.2
2.5°	4621.0	4592.9	4536.5	4423.8	4367.4	4292.3	4226.5	4142.0	4123.2	4113.8	4076.3
5°	4696.2	4639.8	4470.8	4226.5	4019.9	3822.7	3625.4	3512.7	3418.8	3371.8	3362.5
7.5°	4884.0	4771.3	4461.4	4029.3	3644.2	3306.1	3014.9	2761.3	2629.9	2517.1	2526.5
10°	5165.8	4987.3	4480.1	3841.5	3268.5	2723.8	2301.1	1934.8	1671.8	1549.7	1540.3
12.5°	5541.5	5287.9	4545.9	3653.6	2808.3	2047.5	1512.2	1296.1	1239.8	1230.4	1221.0
15°	6001.7	5644.8	4611.6	3409.4	2188.4	1418.2	1230.4	1183.4	1174.0	1164.6	1164.6
17.5°	6555.8	6058.1	4649.2	2996.2	1596.7	1221.0	1155.3	1127.1	1117.7	1108.3	1108.3
20°	7250.9	6518.3	4696.2	2470.2	1352.5	1174.0	1098.9	1061.3	1051.9	1051.9	1042.5
22.5°	7936.5	7034.9	4658.6	2010.0	1305.5	1117.7	1033.2	995.6	976.8	976.8	967.4
25°	8725.5	7560.8	4545.9	1812.7	1296.1	1070.7	967.4	911.1	882.9	873.5	873.5
27.5°	9627.1	8161.9	4367.4	1822.1	1296.1	1033.2	882.9	807.7	789.0	770.2	770.2
30°	10660.3	8894.5	4235.9	1944.2	1314.9	995.6	807.7	713.8	685.6	666.9	676.2
32.5°	11843.7	9711.7	4226.5	2141.5	1343.1	939.2	723.2	619.9	591.7	582.3	591.7
35°	13186.8	10726.0	4442.6	2291.7	1268.0	817.1	619.9	535.4	507.2	507.2	516.6
37.5°	14680.2	11890.7	4733.7	2254.2	1023.8	648.1	535.4	469.6	441.4	450.8	460.2
40°	16042.1	12801.7	4780.7	1925.4	770.2	554.1	460.2	413.3	394.5	403.9	413.3
42.5°	17075.3	13534.4	4329.9	1493.4	648.1	469.6	394.5	356.9	347.5	366.3	366.3
45°	17911.2	13825.5	3616.0	1108.3	572.9	403.9	347.5	328.7	309.9	319.3	319.3
47.5°	18784.7	13872.5	2949.2	892.3	507.2	366.3	319.3	300.6	281.8	281.8	281.8
50°	19630.0	13759.8	2254.2	789.0	469.6	328.7	291.2	272.4	253.6	244.2	244.2
52.5°	19836.6	12858.1	1653.1	732.6	432.0	309.9	272.4	253.6	234.8	225.4	225.4
55°	*19263.7*	*11148.7*	*1296.1*	*657.5*	*394.5*	*281.8*	*253.6*	*234.8*	*206.6*	*197.2*	*197.2*
57.5°	17375.8	8500.1	1033.2	563.5	356.9	272.4	234.8	216.0	187.8	178.5	178.5
60°	14924.4	6029.9	835.9	460.2	328.7	244.2	216.0	187.8	169.1	150.3	150.3
62.5°	12210.0	4329.9	676.2	385.1	309.9	216.0	197.2	169.1	131.5	103.3	103.3
65°	9364.2	3108.9	526.0	309.9	281.8	187.8	169.1	140.9	103.3	75.1	75.1
67.5°	6058.1	2010.0	394.5	272.4	216.0	159.7	131.5	112.7	93.9	65.7	56.4
70°	3193.4	1174.0	291.2	234.8	159.7	122.1	112.7	93.9	75.1	47.0	47.0
72.5°	1653.1	770.2	216.0	206.6	122.1	84.5	93.9	75.1	56.4	28.2	28.2
75°	1061.3	516.6	159.7	169.1	75.1	65.7	65.7	47.0	28.2	18.8	9.4
77.5°	685.6	347.5	112.7	140.9	47.0	37.6	37.6	18.8	9.4	0.0	0.0
80°	403.9	216.0	75.1	93.9	18.8	18.8	9.4	0.0	0.0	0.0	0.0
82.5°	206.6	112.7	37.6	37.6	9.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	131.5	56.4	9.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	65.7	18.8	9.4	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

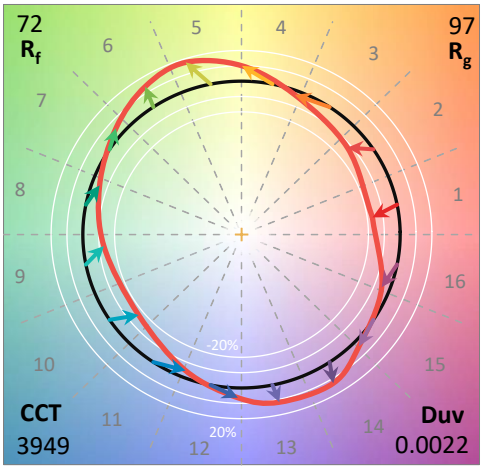
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

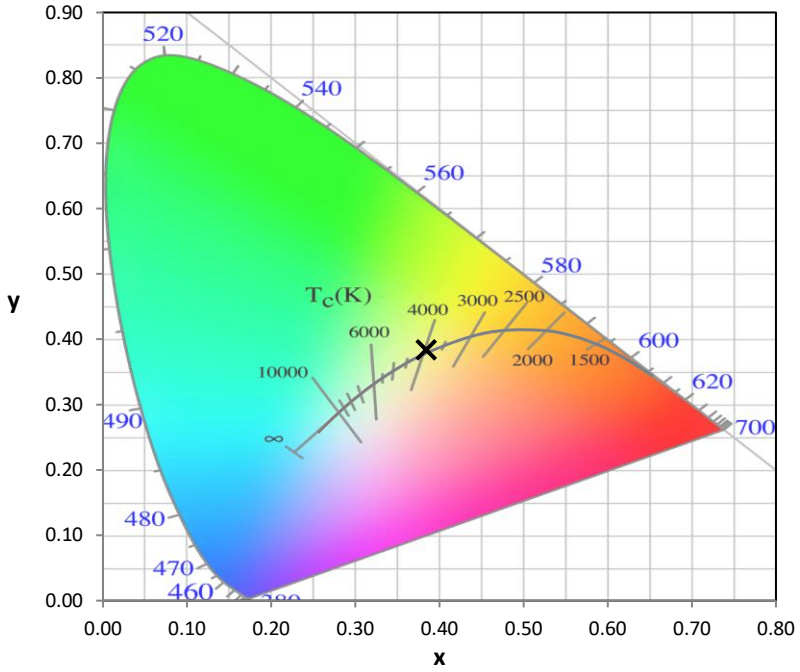
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

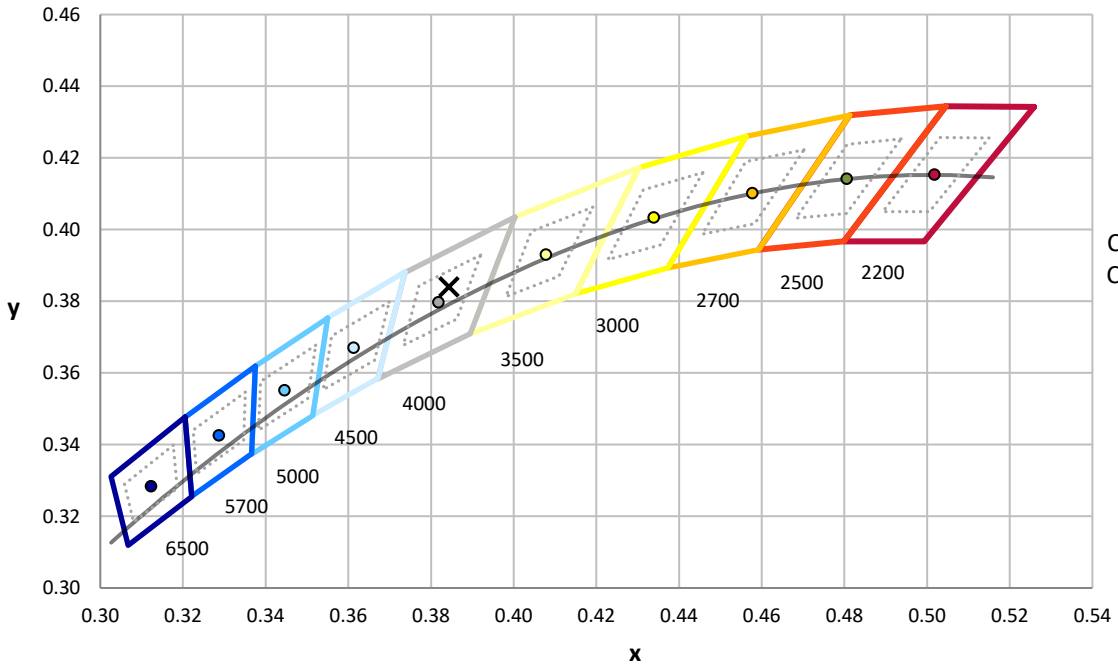
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

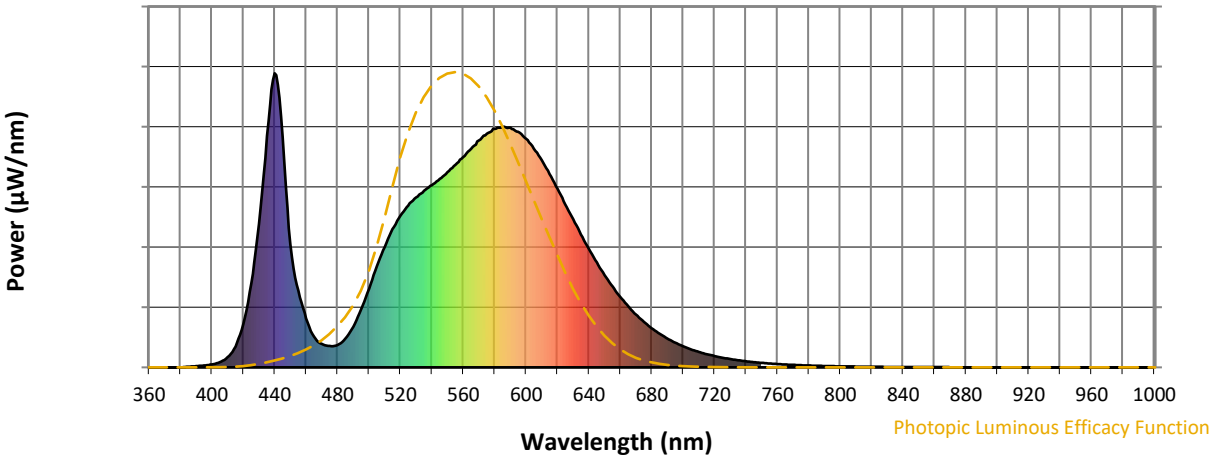


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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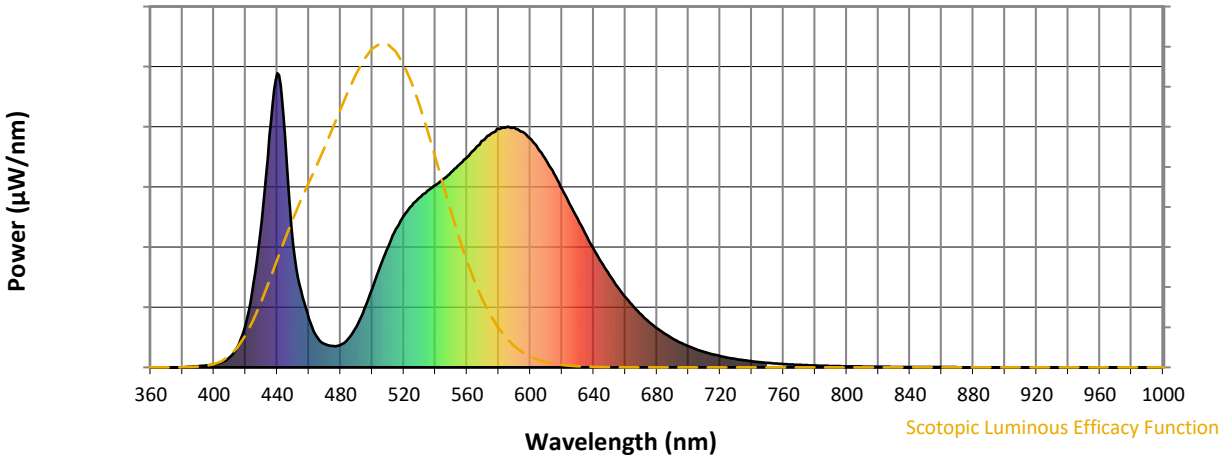
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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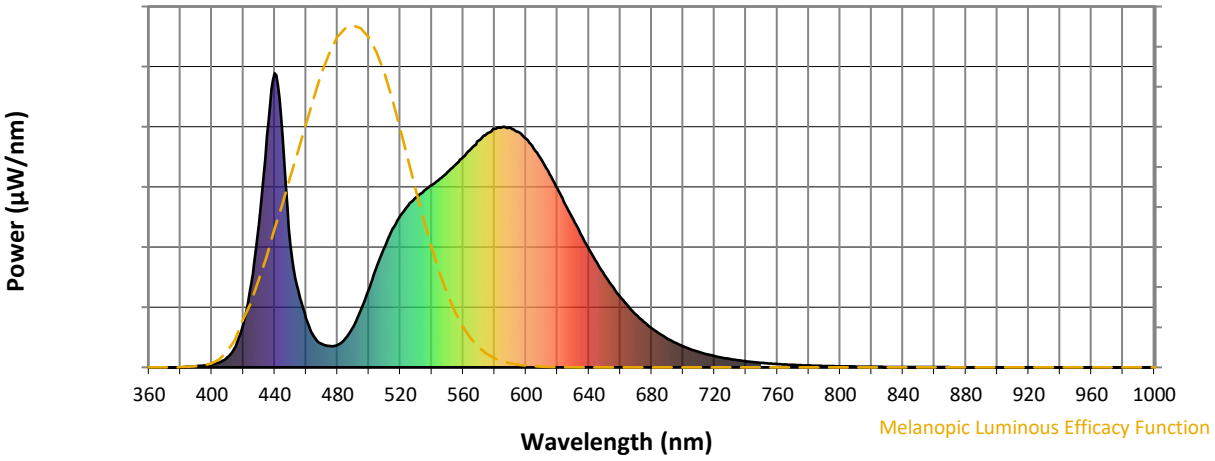
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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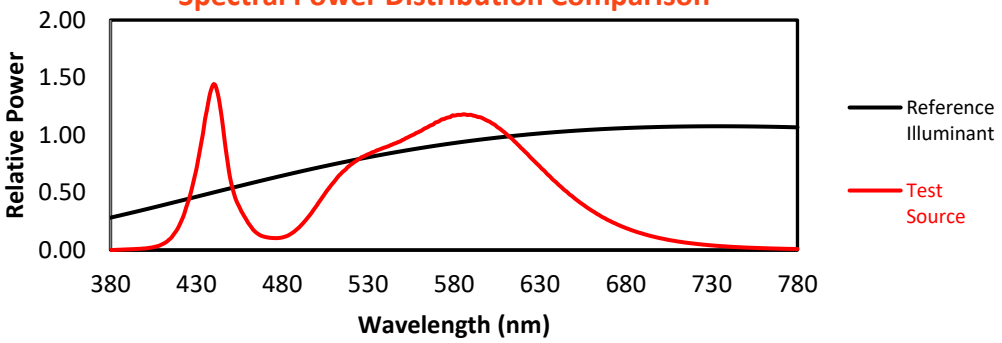
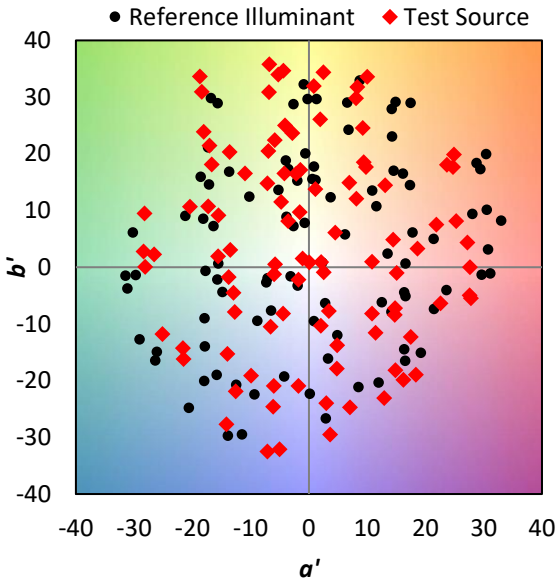
Summary

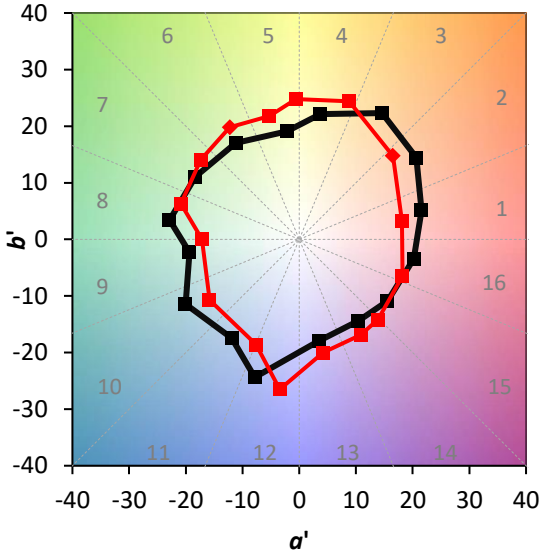
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

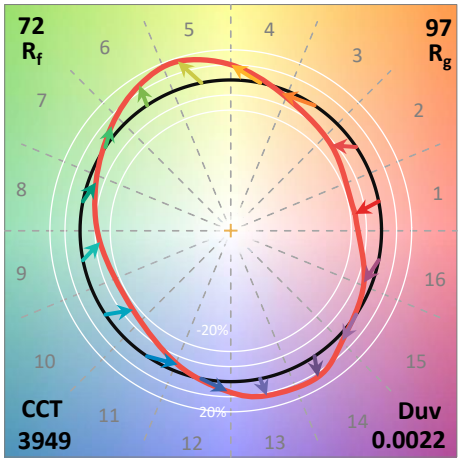
Spectral Power Distribution Comparison

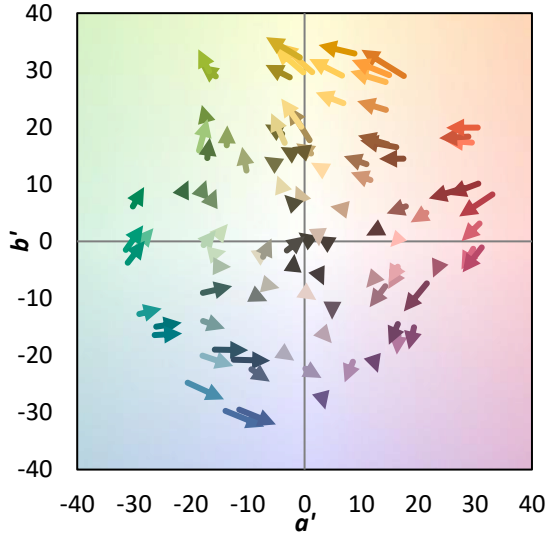


Color Vector Graphics









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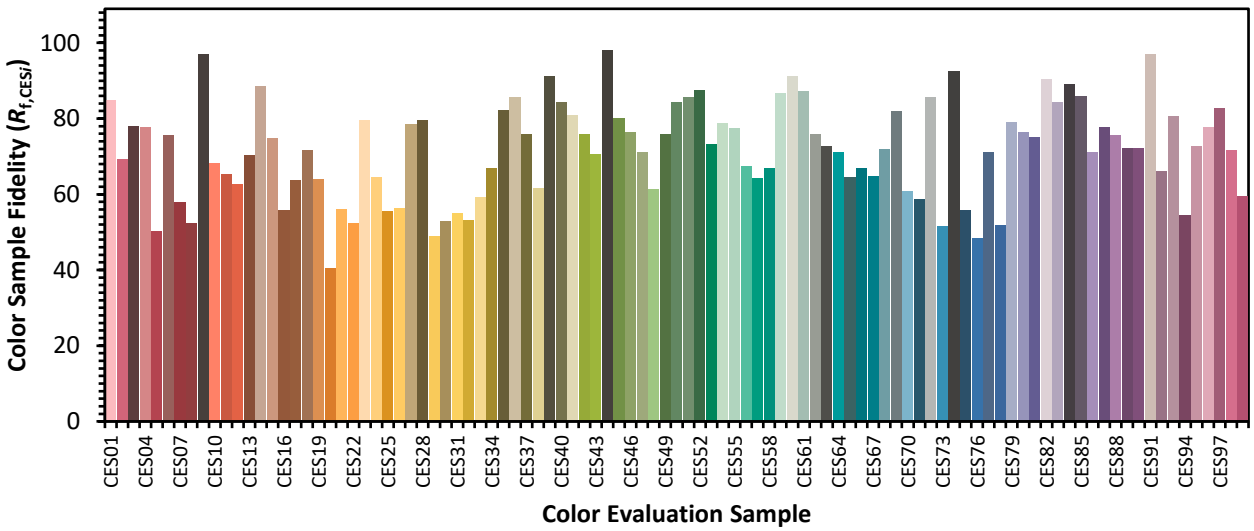
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



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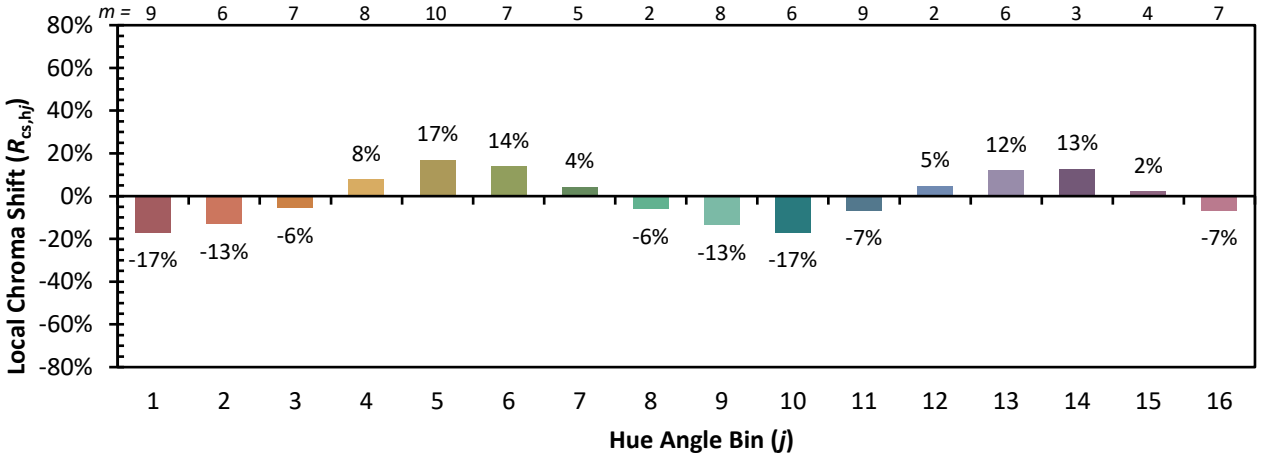
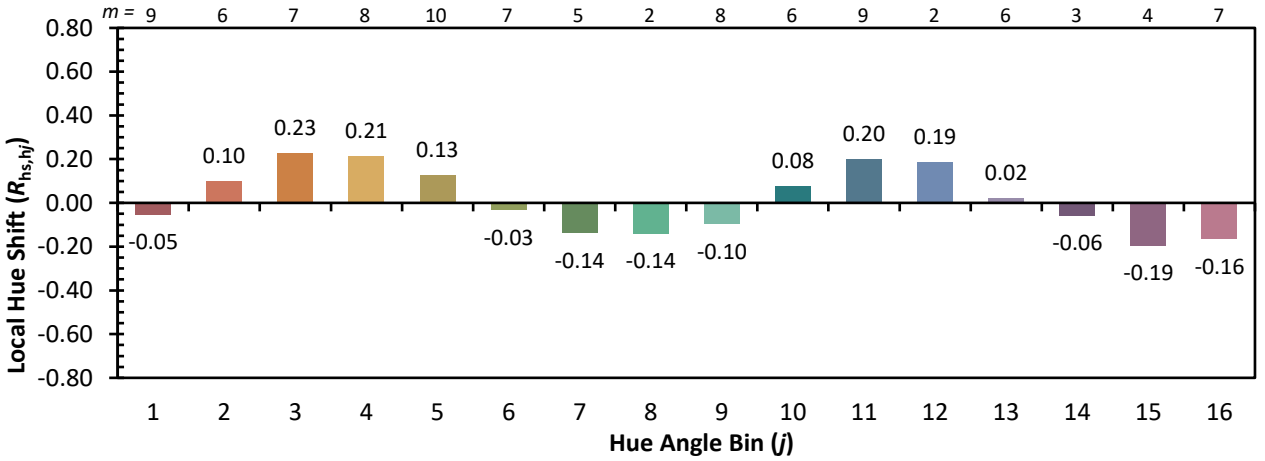
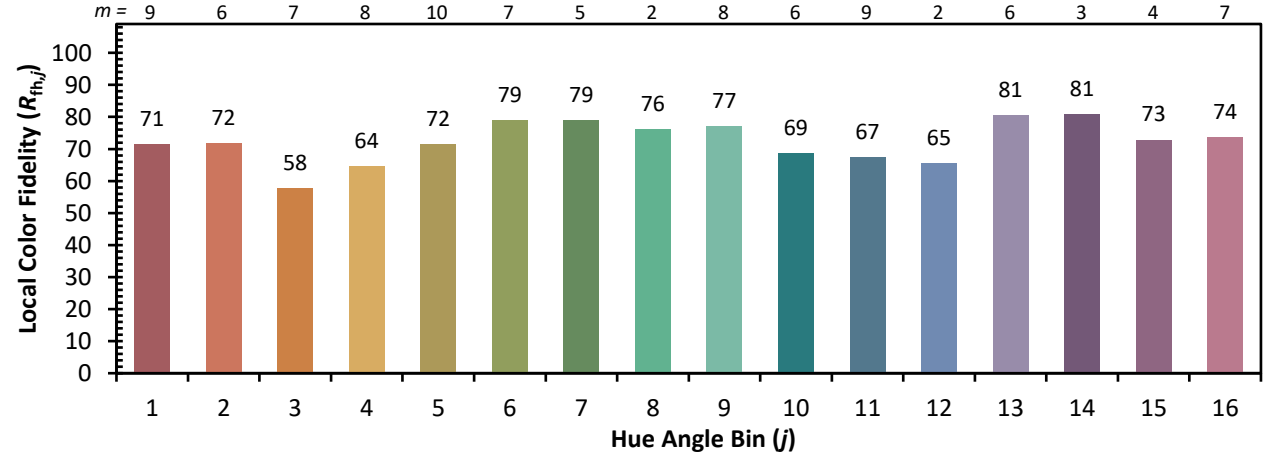
Color Rendition by Hue-Angle Bin







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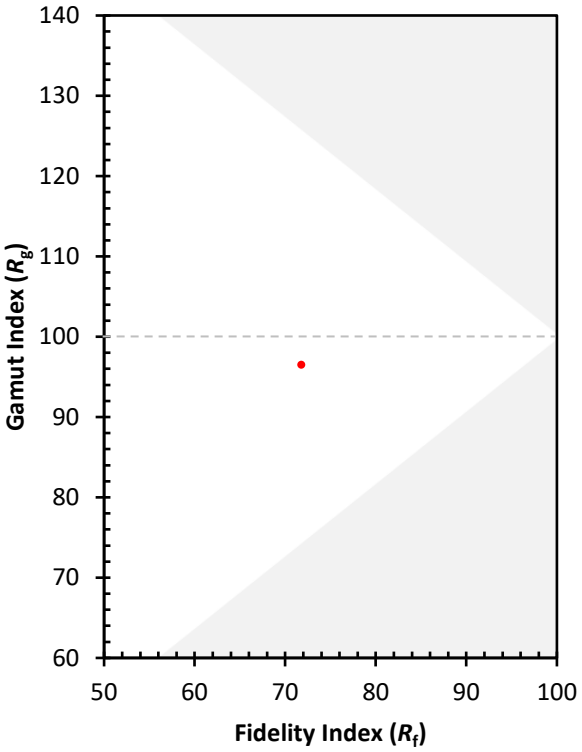
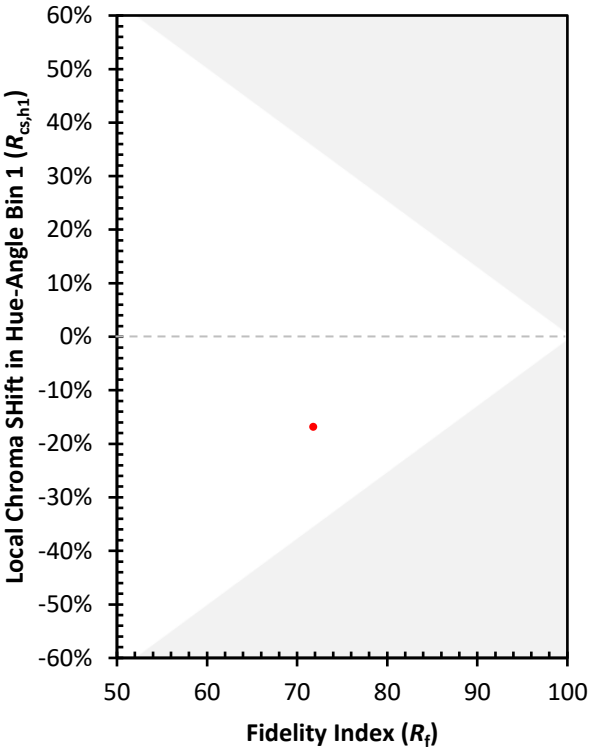
Measure Comparisons





(END OF REPORT)