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: P1459013

Luminaire Tested: GLAN-SB5C-840-U-T4LG-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:	P1459013
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5C-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26236.1 lumens
Efficiency:	N/A
Efficacy:	105.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	249.5
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: P1459013
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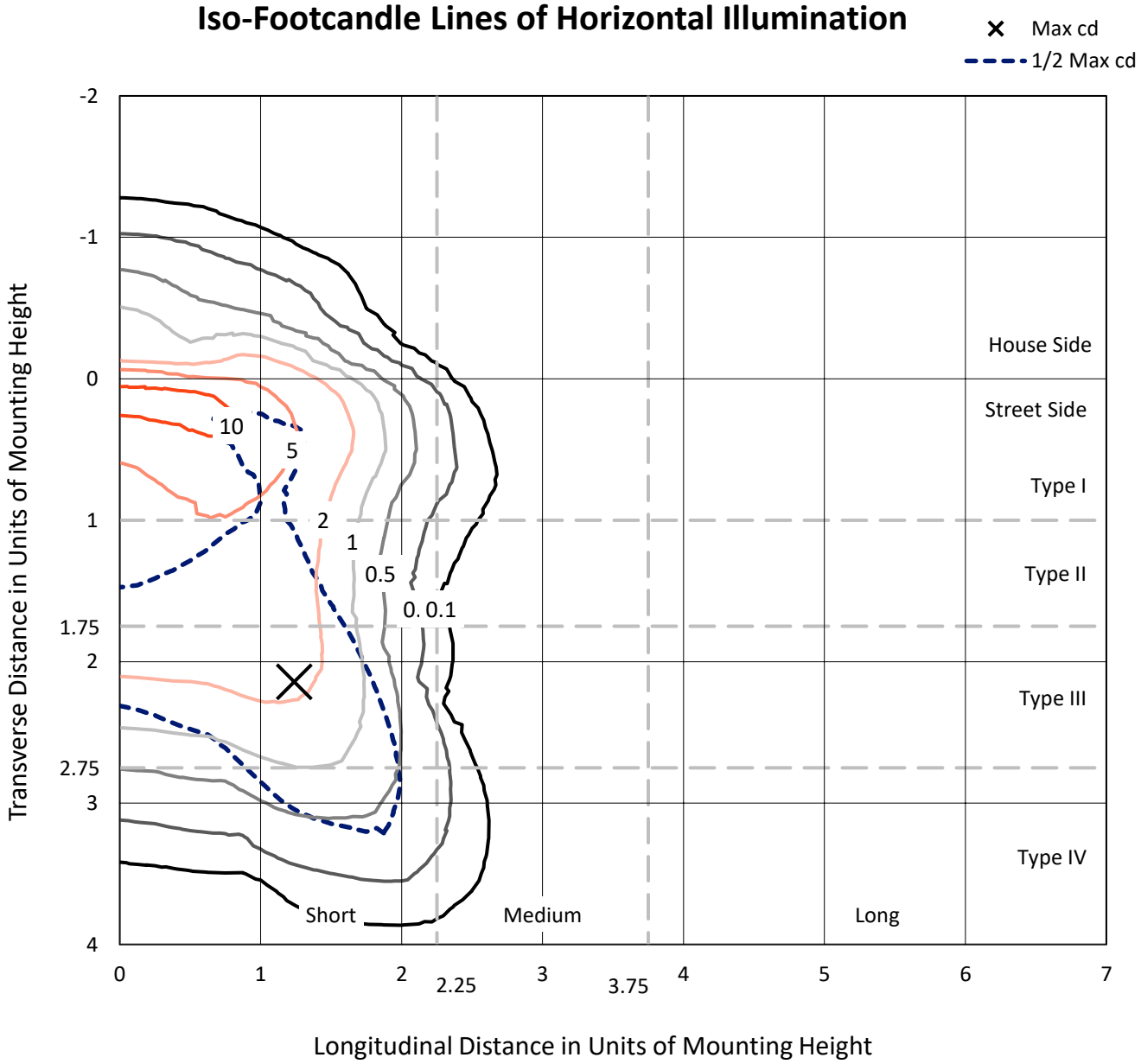
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12.7 fc
Type IV - Short - N/A

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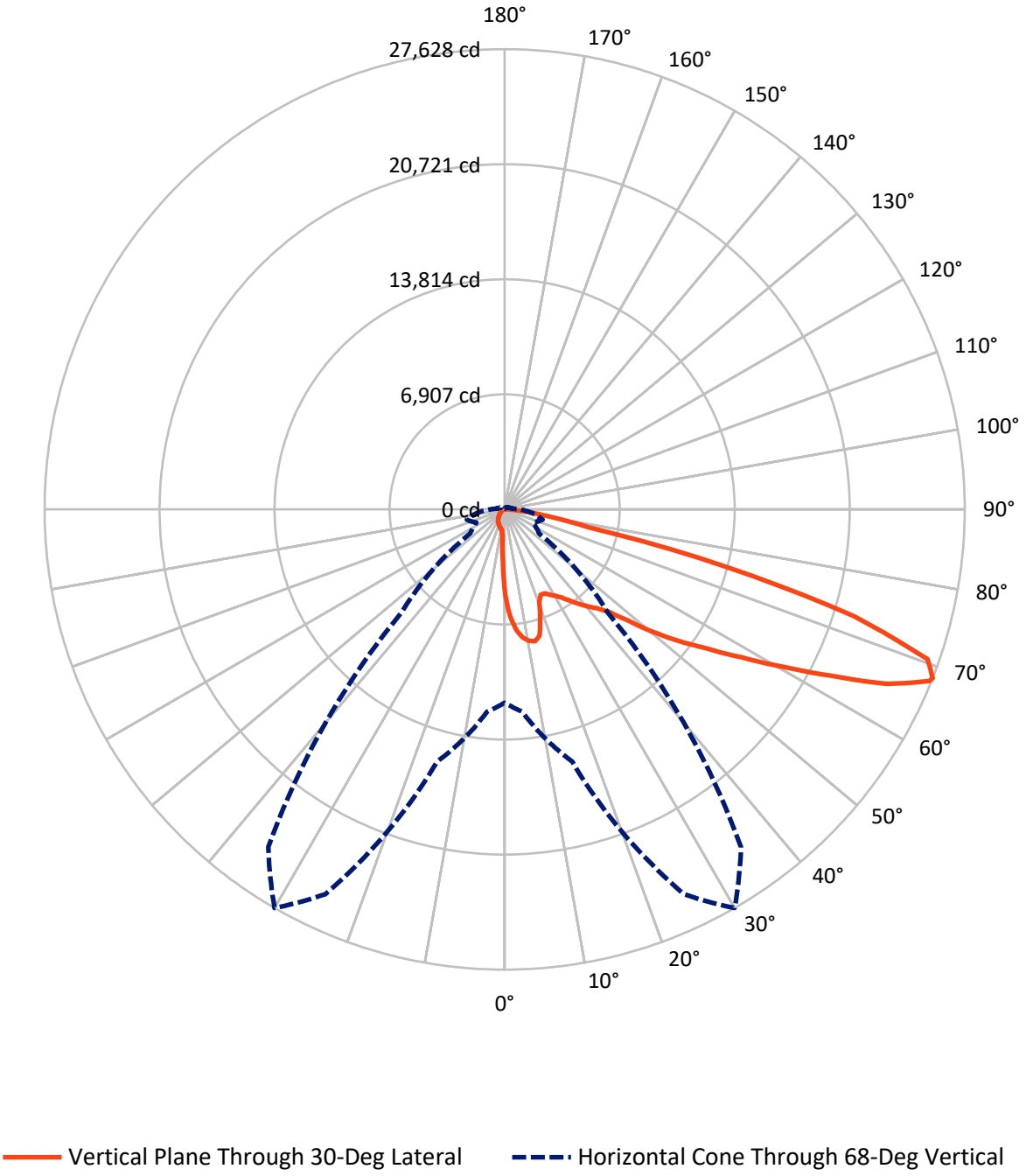
Luminous Intensity Polar Plot



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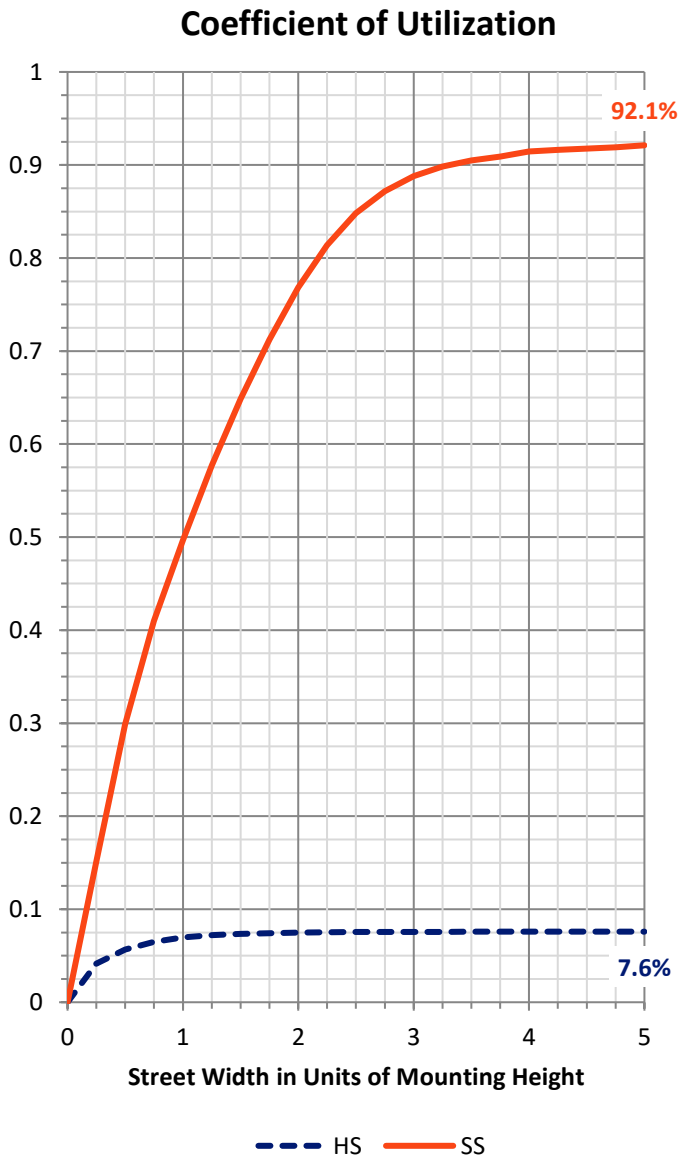
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2002.5	0.0	2002.5
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	24233.6	0.0	24233.6
	% Fixture	92.4	0.0	92.4
Total	Lumens	26236.1	0.0	26236.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	446.4	1.7
10°-20°	1274.5	4.9
20°-30°	2002.8	7.6
30°-40°	3141.2	12.0
40°-50°	4695.2	17.9
50°-60°	6246.1	23.8
60°-70°	6038.0	23.0
70°-80°	2170.4	8.3
80°-90°	221.5	0.8
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°	26236.1	100.0
0°-180°	26236.1	100.0



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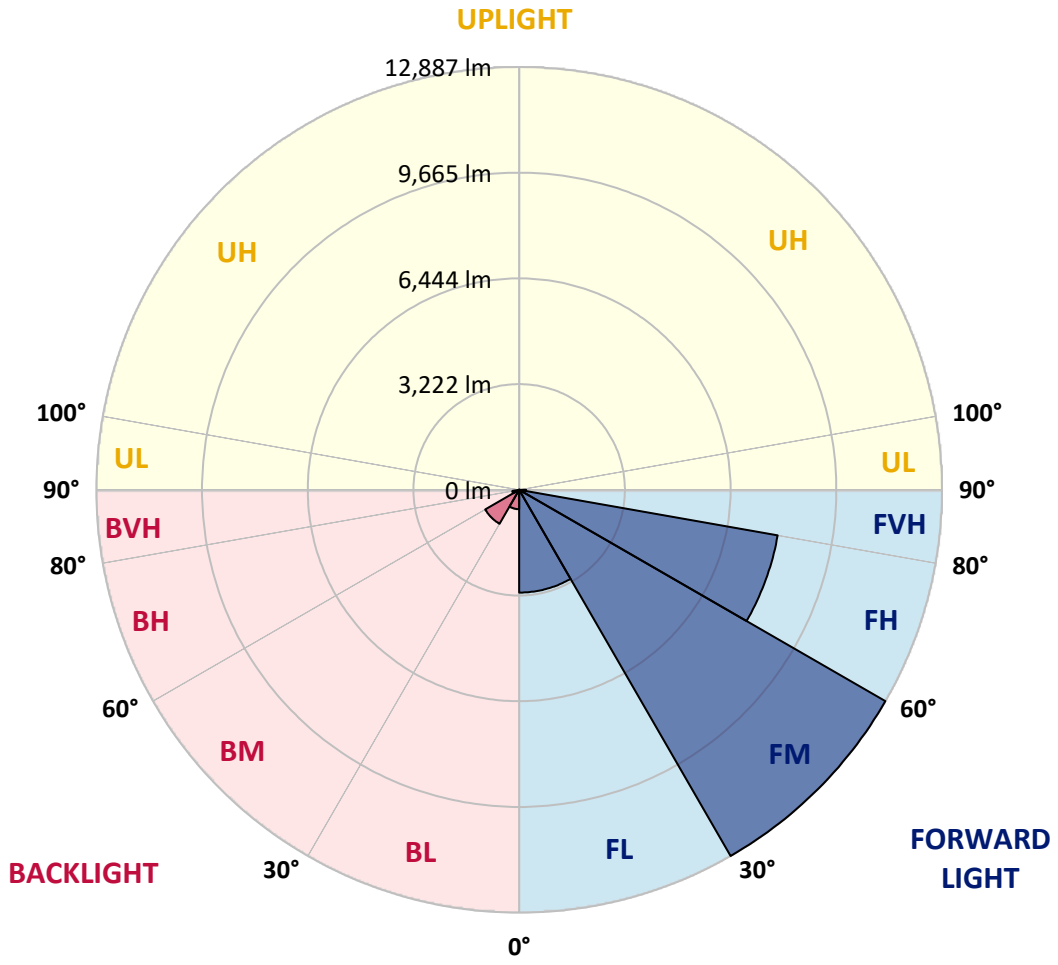
CATALOG NUMBER: GLAN-SB5C-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3132.6	11.9			
FM	(30°-60°)	12887.2	49.1			
FH	(60°-80°)	8000.2	30.5			G4/12000
FVH	(80°-90°)	213.6	0.8			G2/225
BL	(0°-30°)	591.1	2.3	B2/1000		
BM	(30°-60°)	1195.3	4.6	B2/2500		
BH	(60°-80°)	208.3	0.8	B1/500		G1/500
BVH	(80°-90°)	7.9	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-G4
Type IV Short



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REPORT NUMBER: P1459013
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5173.4	5173.4	5173.4	5173.4	*5173.4*	5173.4	5173.4	5173.4	5173.4	5173.4	5173.4
2.5°	6612.3	6612.3	6565.1	6502.2	*6431.4*	6407.8	6274.2	6085.5	5888.9	5660.9	5330.7
5°	7461.4	7453.5	7359.2	7359.2	*7264.8*	7178.4	7044.7	6769.5	6455.0	6046.2	5472.2
7.5°	7838.8	7854.5	7815.2	7815.2	*7760.2*	7697.3	7618.6	7351.3	6981.8	6431.4	5613.7
10°	7972.5	7980.3	7980.3	8035.4	*8019.6*	8011.8	8003.9	7854.5	7469.3	6824.5	5763.1
12.5°	7650.1	7689.4	7799.5	8043.2	*8121.8*	8208.3	8326.3	8279.1	8011.8	7319.9	5991.1
15°	6612.3	6620.1	6926.8	7532.2	*7854.5*	8184.7	8640.8	8735.1	8562.1	7854.5	6227.0
17.5°	5456.5	5480.1	5723.8	6400.0	*6918.9*	7681.5	8821.6	9206.9	9144.0	8381.3	6447.2
20°	4976.9	5008.3	5126.3	5550.8	*5944.0*	6651.6	8640.8	9655.0	9678.6	8908.1	6651.6
22.5°	4866.8	4890.4	4984.8	5315.0	*5558.7*	6030.4	8027.5	10008.8	10284.0	9513.5	6895.3
25°	4835.4	4859.0	5000.5	5362.1	*5590.2*	5983.3	7469.3	10197.5	10999.5	10142.5	7131.2
27.5°	4811.8	4843.2	5071.2	5535.1	*5802.4*	6179.8	7367.1	10236.8	11683.5	10810.8	7516.4
30°	4843.2	4890.4	5189.2	5716.0	*6022.6*	6447.2	7610.8	10276.1	12438.3	11573.4	8003.9
32.5°	4969.0	5008.3	5370.0	5959.7	*6313.5*	6793.1	8027.5	10512.0	13153.8	12351.8	8467.8
35°	5110.5	5165.6	5598.0	6305.6	*6730.2*	7272.7	8593.6	10975.9	13837.8	13090.9	8947.4
37.5°	5283.5	5346.4	5865.3	6698.8	*7186.2*	7799.5	9206.9	11620.6	14443.2	13696.3	9427.0
40°	5519.4	5590.2	6172.0	7115.5	*7642.2*	8255.5	9812.3	12257.5	14907.1	14057.9	9741.5
42.5°	6447.2	6541.5	6785.2	7524.3	*8114.0*	8743.0	10409.8	12862.9	15080.1	14175.9	9804.4
45°	8176.9	8271.2	8208.3	8349.9	*8743.0*	9332.6	11062.4	13444.7	15103.6	14144.4	9772.9
47.5°	9914.5	10024.5	9969.5	9890.9	*9977.4*	10260.4	11793.6	13814.2	14977.8	14128.7	9772.9
50°	11573.4	11510.5	11518.4	11494.8	*11573.4*	11722.8	12501.2	13885.0	14946.4	14278.1	9859.4
52.5°	12461.9	12493.3	12689.9	12980.8	*13153.8*	13303.2	13311.0	13995.0	14718.4	14026.5	9757.2
55°	13334.6	13397.5	13853.5	14348.8	*14734.1*	15017.2	14120.8	13924.3	13358.2	13185.2	9222.6
57.5°	14317.4	14403.9	15048.6	16070.7	*16746.9*	16896.3	14922.8	12603.4	11306.1	11982.3	8184.7
60°	15669.7	15771.9	16628.9	18162.1	*19168.5*	18861.9	14985.7	10504.1	8978.8	9945.9	6753.8
62.5°	16731.2	16935.6	18484.5	20874.6	*21983.2*	21008.3	13814.2	8051.1	6274.2	6989.7	4929.7
65°	15599.0	15992.1	18515.9	23980.3	*25261.8*	23532.1	11974.4	5495.8	3538.1	4520.9	3152.8
67.5°	12611.3	13161.6	16440.2	25489.8	*27510.5*	24860.9	9427.0	2916.9	2028.5	2626.0	1659.0
68°	*11604.9*	*12202.4*	*15677.6*	*25489.8*	*27628.4*	*24742.9*	*8750.8*	*2523.8*	*1871.2*	*2358.7*	*1438.8*
70°	8019.6	8444.2	12053.0	24058.9	*26936.5*	22557.2	5763.1	1446.7	1407.4	1619.7	951.3
72.5°	3931.2	4387.2	6447.2	19066.3	*21943.9*	17336.6	2626.0	959.2	1069.3	1187.2	746.9
75°	1564.6	1659.0	2539.5	9403.4	*13712.0*	11062.4	1375.9	723.3	919.9	927.8	589.7
77.5°	896.3	951.3	1407.4	3459.4	*5142.0*	4945.4	888.4	518.9	731.2	668.3	385.3
80°	503.2	511.1	794.1	1824.1	*2940.5*	2633.9	605.4	377.4	558.2	471.7	259.5
82.5°	251.6	283.0	503.2	1006.4	*1635.4*	1674.7	322.4	267.3	448.2	338.1	212.3
85°	180.8	196.6	361.7	558.2	*754.8*	1132.2	196.6	133.7	338.1	228.0	149.4
87.5°	94.3	117.9	228.0	275.2	*306.6*	385.3	94.3	62.9	188.7	133.7	78.6
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: P1459013
CATALOG NUMBER: GLAN-SB5C-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5173.4	5173.4	5173.4	5173.4	5173.4	5173.4	5173.4	5173.4	5173.4	5173.4	5173.4
2.5°	5173.4	4992.6	4623.1	4190.7	3852.6	3506.6	3223.6	2956.3	2830.5	2814.7	2846.2
5°	5149.9	4756.7	3915.5	3089.9	2413.8	1942.0	1682.6	1548.9	1478.1	1446.7	1454.5
7.5°	5102.7	4505.1	3160.7	2091.4	1564.6	1360.2	1297.3	1273.7	1265.8	1265.8	1265.8
10°	5055.5	4167.1	2421.6	1533.2	1281.6	1226.5	1210.8	1210.8	1202.9	1202.9	1210.8
12.5°	5031.9	3852.6	1879.1	1281.6	1195.1	1171.5	1155.8	1147.9	1147.9	1147.9	1155.8
15°	4976.9	3506.6	1517.4	1187.2	1140.0	1108.6	1100.7	1092.9	1092.9	1092.9	1092.9
17.5°	4929.7	3168.5	1320.9	1124.3	1085.0	1053.6	1045.7	1037.8	1037.8	1045.7	1045.7
20°	4859.0	2846.2	1187.2	1061.4	1030.0	998.5	990.7	982.8	990.7	990.7	990.7
22.5°	4772.5	2578.9	1108.6	1014.2	974.9	943.5	943.5	943.5	943.5	943.5	951.3
25°	4717.4	2390.2	1053.6	959.2	919.9	896.3	888.4	888.4	904.2	904.2	912.0
27.5°	4803.9	2343.0	1061.4	943.5	872.7	849.1	841.3	841.3	857.0	864.9	872.7
30°	5063.4	2429.5	1155.8	990.7	841.3	802.0	794.1	794.1	817.7	825.6	833.4
32.5°	5362.1	2610.3	1297.3	1053.6	817.7	754.8	739.1	739.1	762.7	770.5	778.4
35°	5771.0	2893.4	1486.0	1108.6	833.4	707.6	676.2	676.2	691.9	707.6	715.5
37.5°	6297.8	3357.2	1706.1	1147.9	833.4	652.6	613.3	605.4	621.1	621.1	629.0
40°	6848.1	3962.6	1934.1	1147.9	794.1	597.5	558.2	534.6	542.5	534.6	542.5
42.5°	7154.8	4450.1	2130.7	1077.1	746.9	542.5	503.2	471.7	463.9	448.2	456.0
45°	7327.7	4670.3	2075.7	998.5	699.8	503.2	456.0	416.7	401.0	377.4	377.4
47.5°	7327.7	4693.8	1776.9	935.6	652.6	471.7	408.8	369.5	345.9	322.4	330.2
50°	7241.3	4481.6	1407.4	872.7	597.5	440.3	369.5	338.1	306.6	290.9	290.9
52.5°	6879.6	3789.7	1077.1	794.1	534.6	401.0	330.2	298.8	267.3	259.5	259.5
55°	6258.5	2783.3	872.7	715.5	479.6	369.5	298.8	275.2	243.7	228.0	228.0
57.5°	5087.0	1902.7	723.3	644.7	424.6	330.2	267.3	243.7	204.4	188.7	188.7
60°	3773.9	1242.3	613.3	566.1	361.7	298.8	235.9	204.4	173.0	157.2	149.4
62.5°	2547.4	841.3	511.1	448.2	306.6	259.5	204.4	173.0	133.7	102.2	102.2
65°	1588.2	652.6	424.6	353.8	267.3	228.0	173.0	133.7	94.3	70.8	62.9
67.5°	912.0	526.8	345.9	275.2	228.0	180.8	133.7	110.1	78.6	55.0	47.2
68°	*841.3*	*503.2*	*322.4*	*259.5*	*212.3*	*173.0*	*125.8*	*102.2*	*70.8*	*47.2*	*47.2*
70°	684.0	448.2	275.2	212.3	180.8	141.5	110.1	86.5	55.0	31.4	31.4
72.5°	605.4	377.4	235.9	165.1	125.8	117.9	86.5	62.9	39.3	23.6	15.7
75°	495.3	298.8	188.7	125.8	86.5	86.5	62.9	39.3	15.7	0.0	0.0
77.5°	322.4	220.1	149.4	78.6	47.2	55.0	39.3	15.7	0.0	0.0	0.0
80°	212.3	165.1	102.2	39.3	23.6	23.6	7.9	0.0	0.0	0.0	0.0
82.5°	149.4	110.1	62.9	15.7	7.9	7.9	0.0	0.0	0.0	0.0	0.0
85°	94.3	47.2	23.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.3	15.7	7.9	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

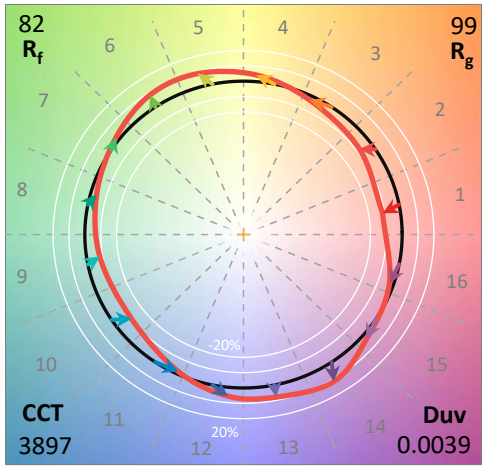
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

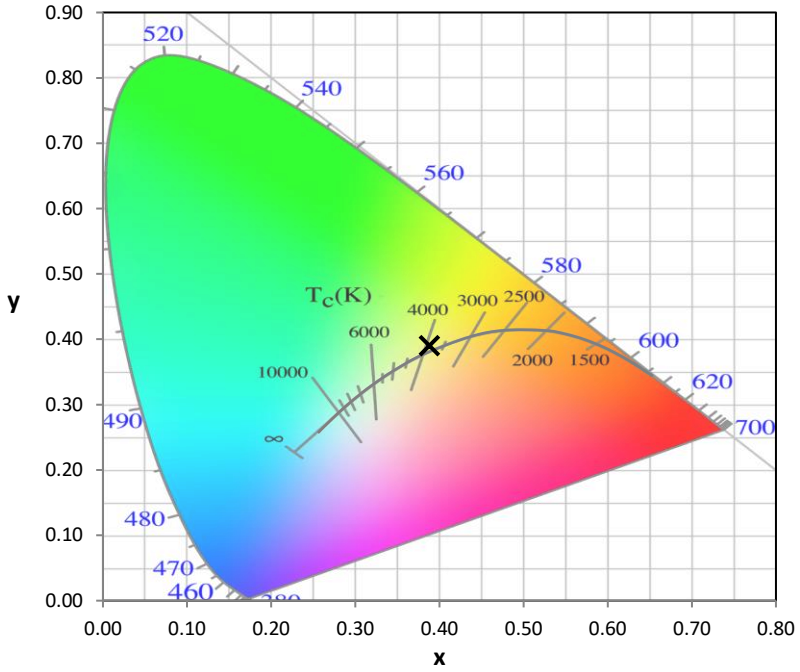
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

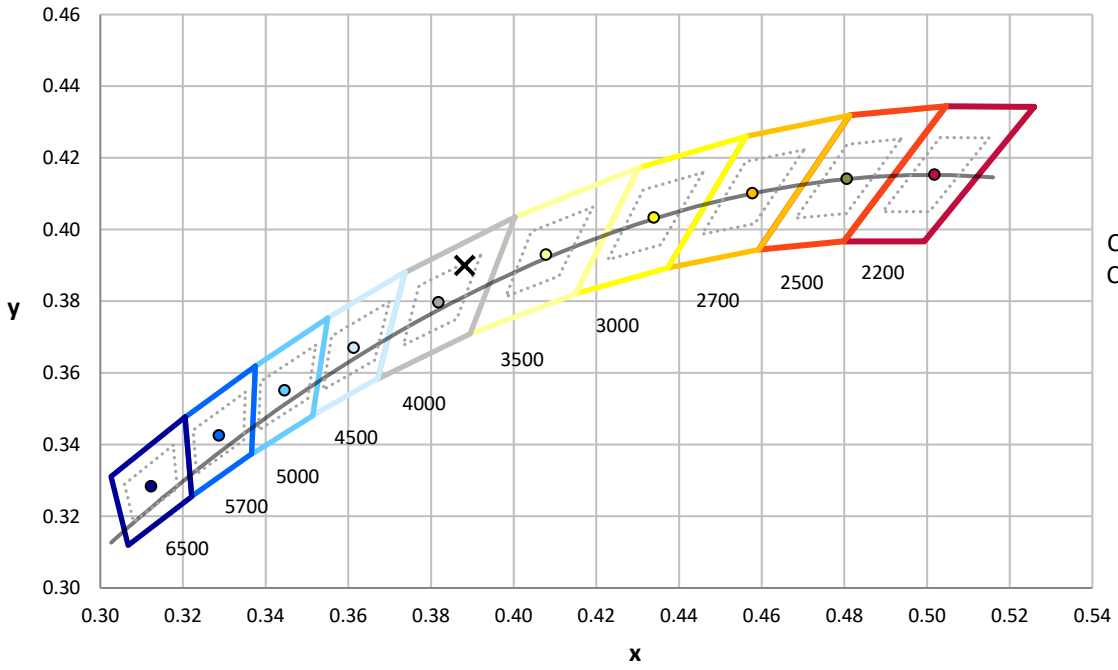
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

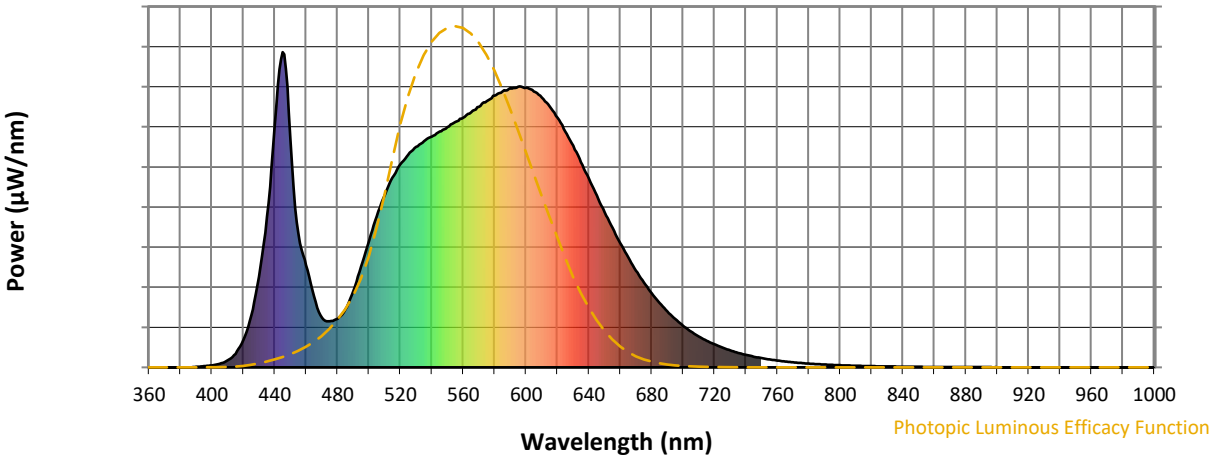


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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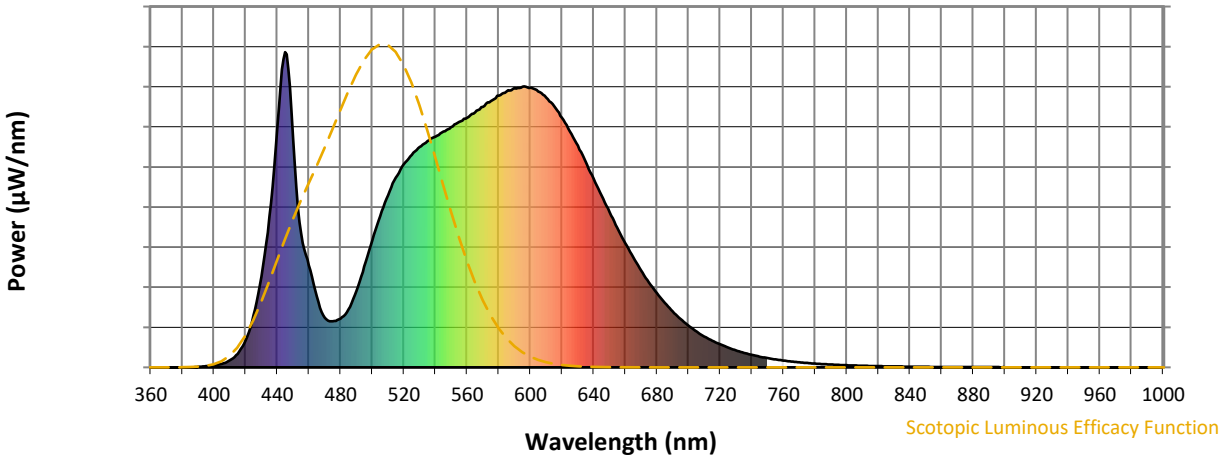
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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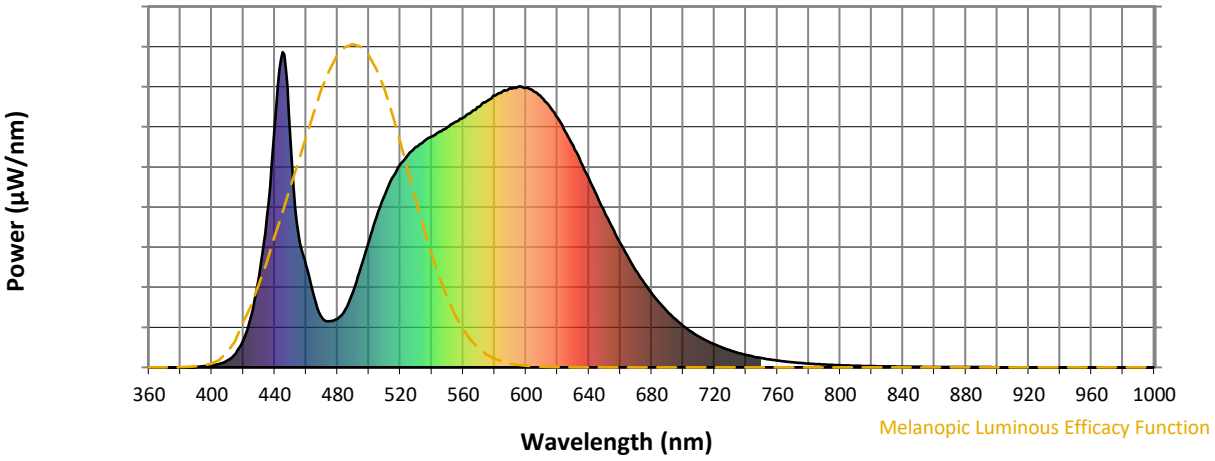
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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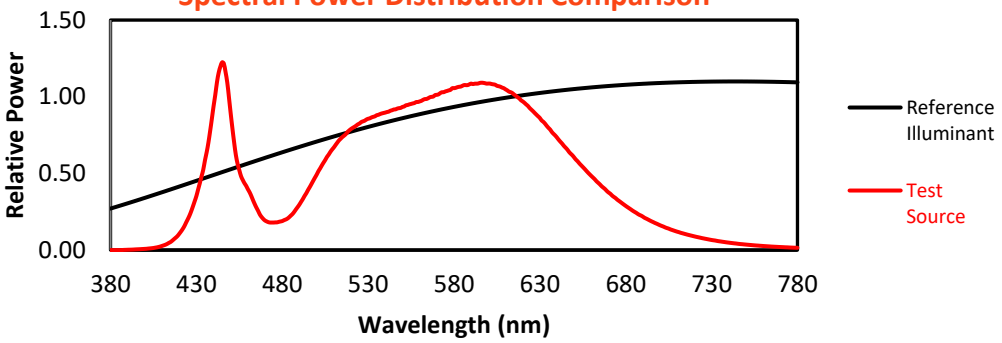
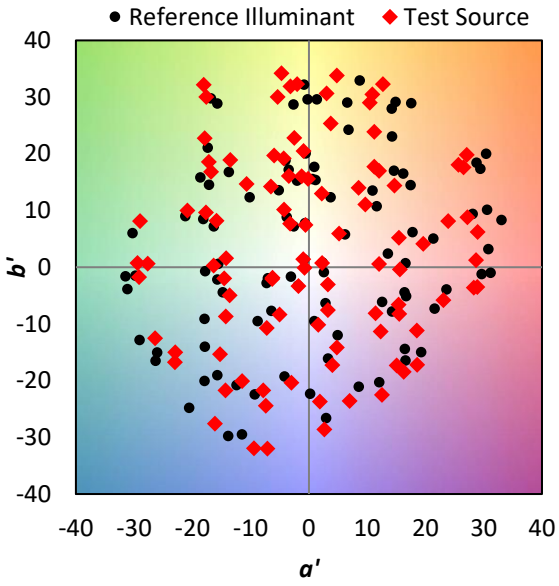
Summary

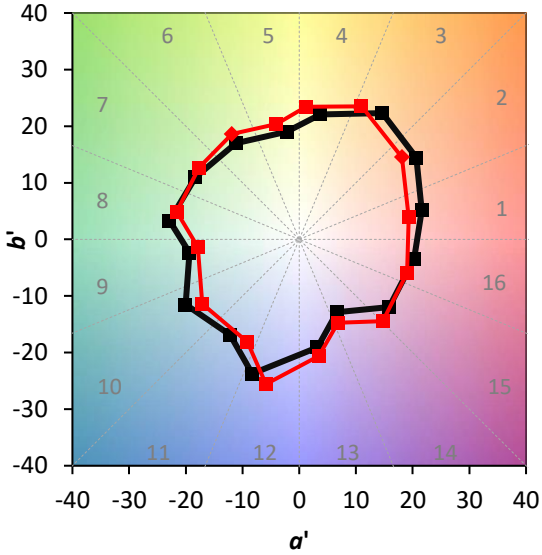
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

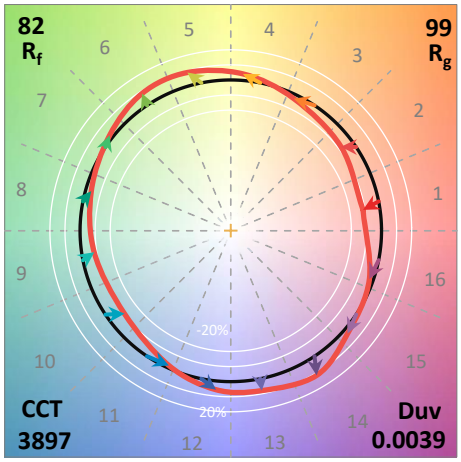
Spectral Power Distribution Comparison

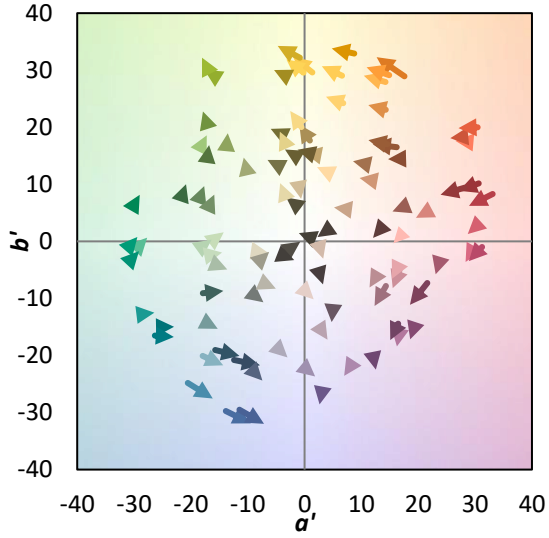


Color Vector Graphics









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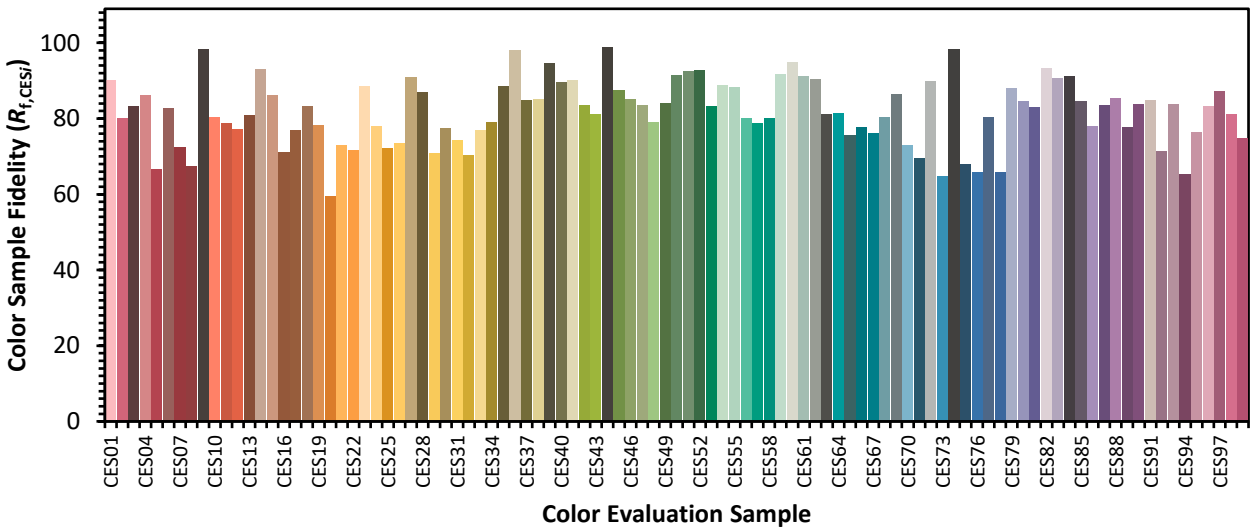
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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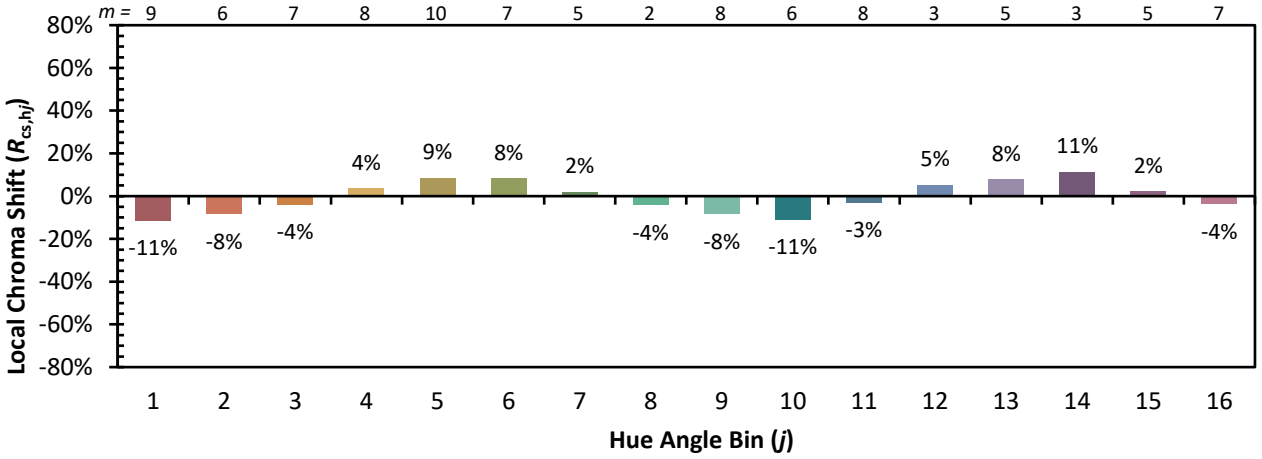
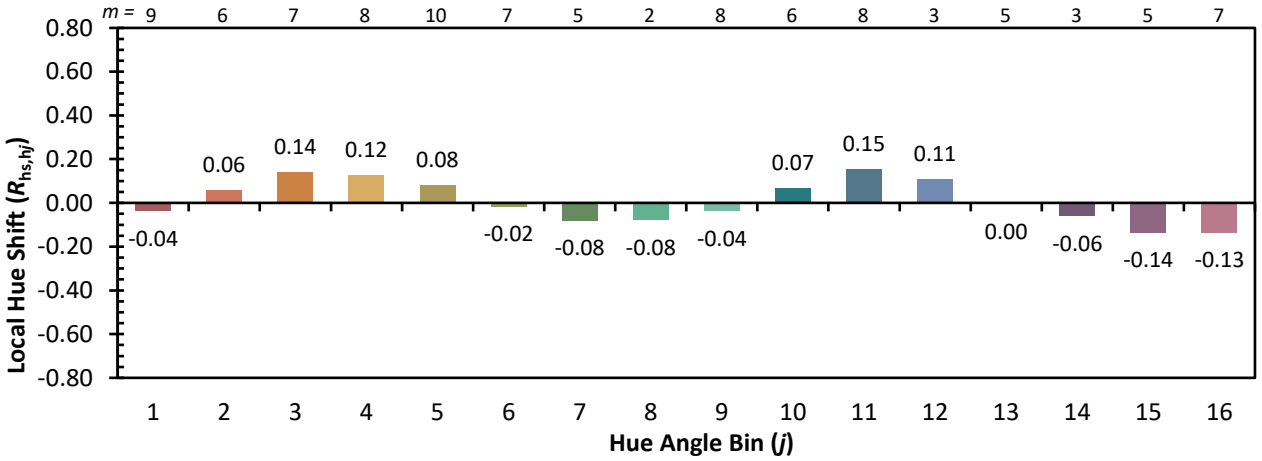
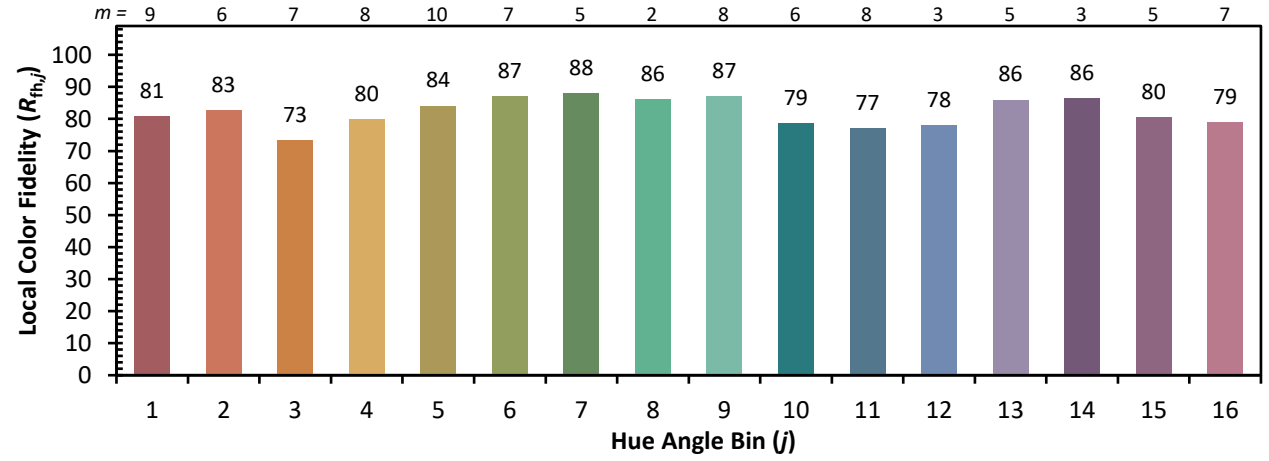
Color Rendition by Hue-Angle Bin







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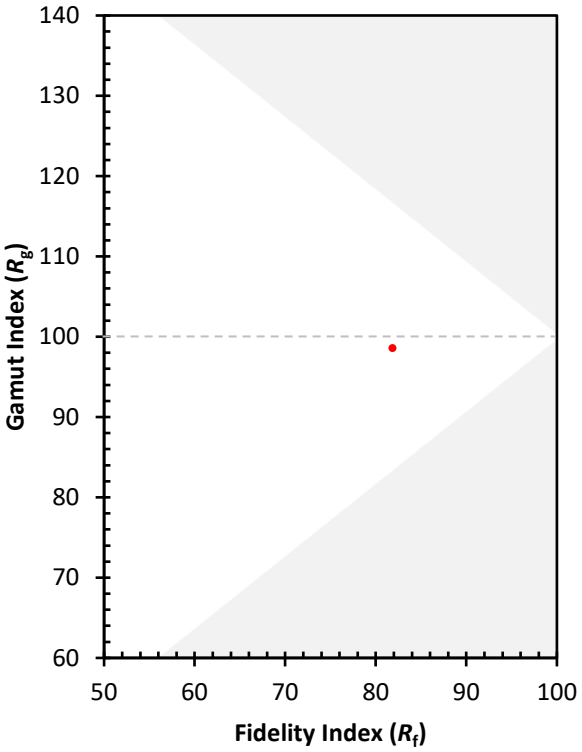
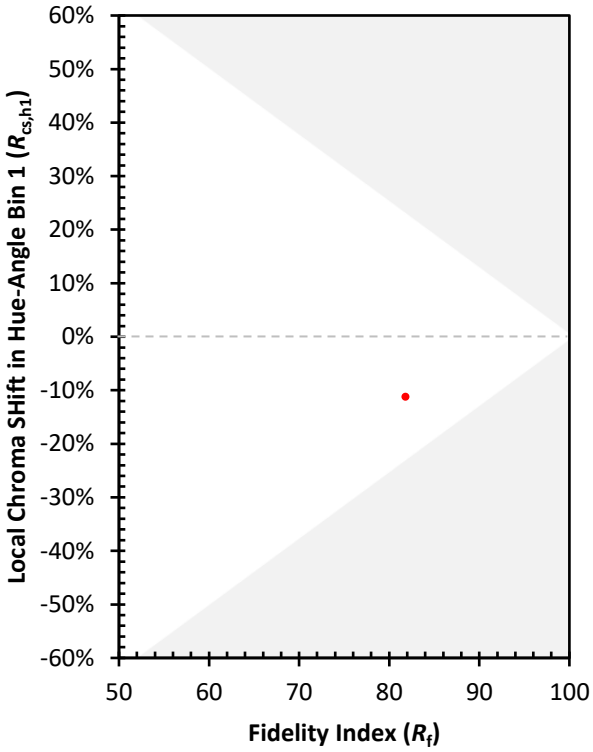
Measure Comparisons





(END OF REPORT)