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: P1457285

Luminaire Tested: GLAN-SB5C-840-U-T4LG

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:	P1457285
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5C-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35409.2 lumens
Efficiency:	N/A
Efficacy:	141.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - 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: P1457285
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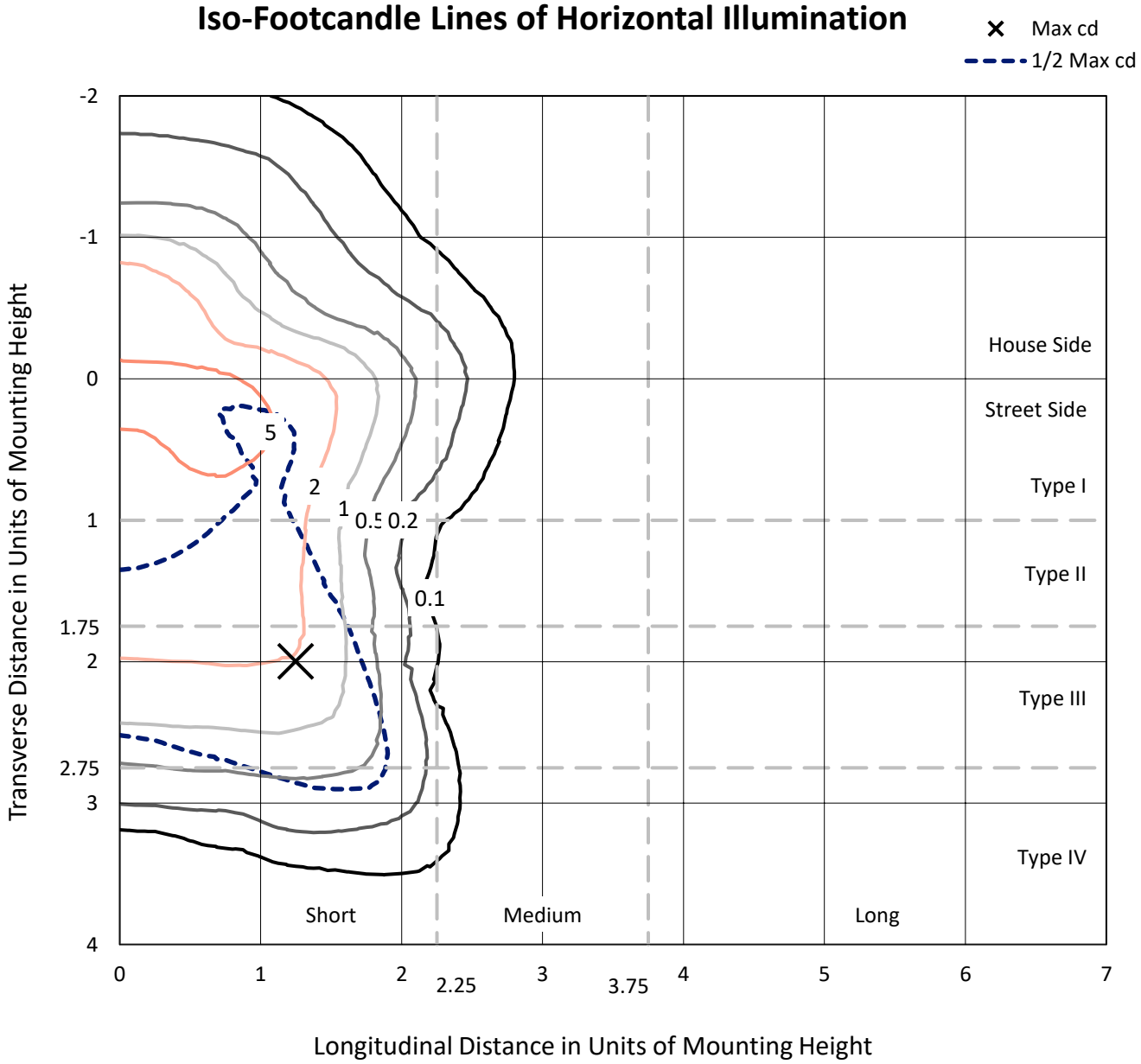
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 9.7 fc
Type IV - Short - N/A

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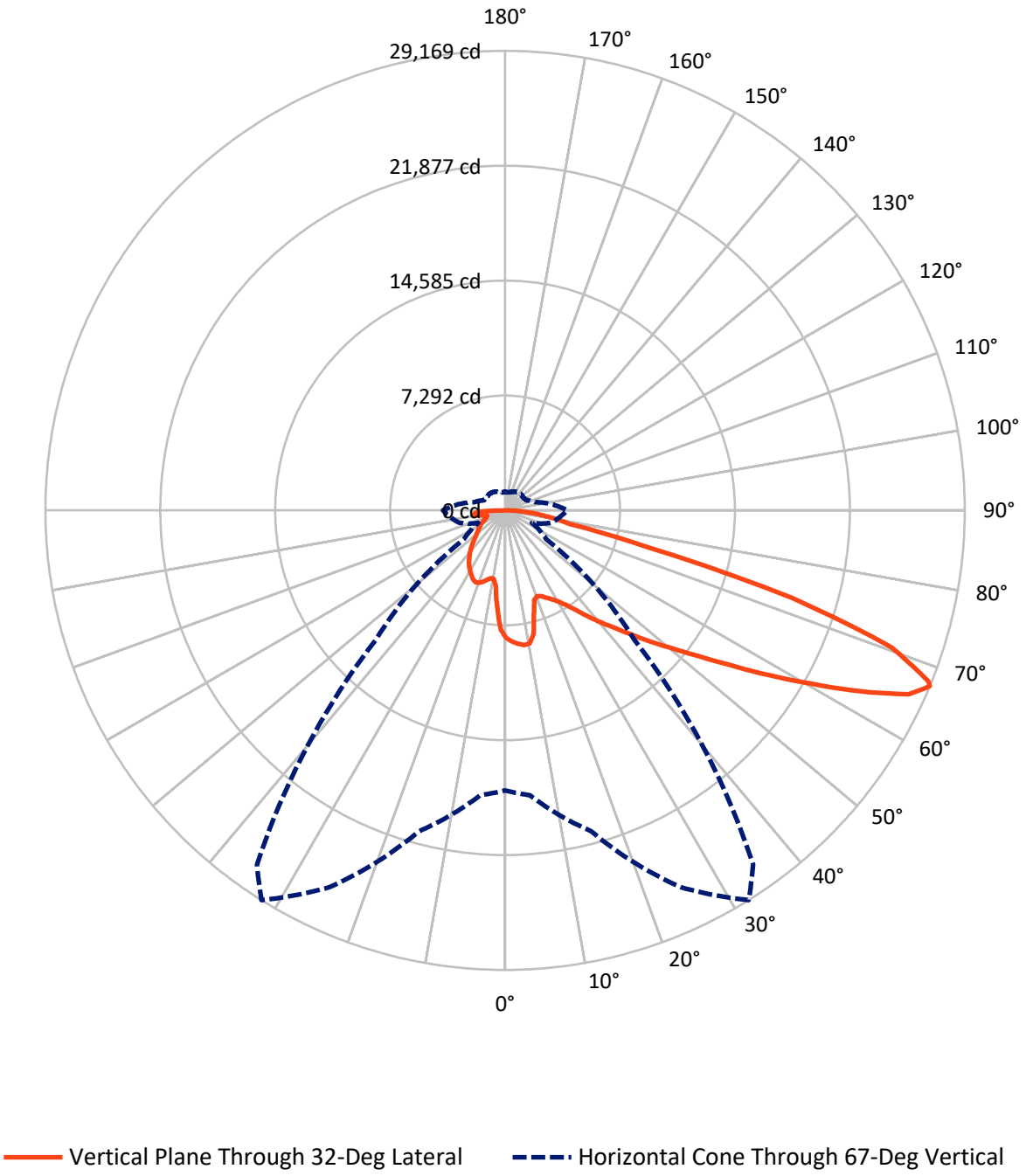
Luminous Intensity Polar Plot



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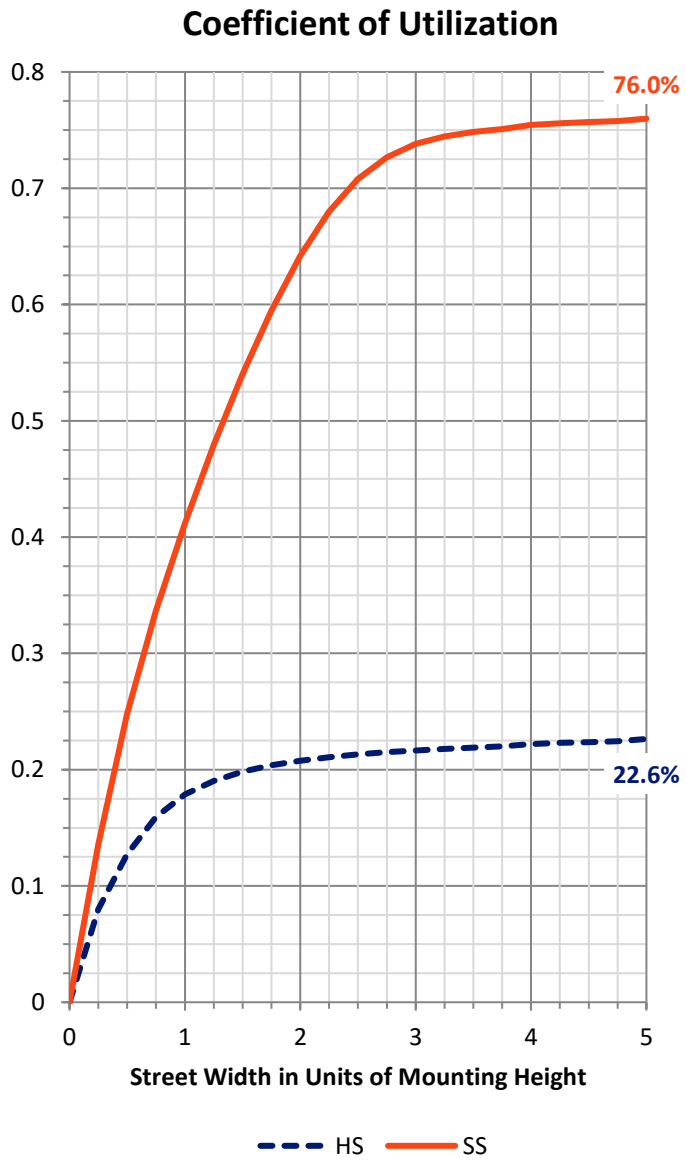
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8383.0	0.0	8383.0
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	27026.2	0.0	27026.2
	% Fixture	76.3	0.0	76.3
Total	Lumens	35409.2	0.0	35409.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	706.9	2.0
10°-20°	1876.9	5.3
20°-30°	3065.0	8.7
30°-40°	4517.5	12.8
40°-50°	6229.9	17.6
50°-60°	7870.3	22.2
60°-70°	7617.0	21.5
70°-80°	2718.5	7.7
80°-90°	807.3	2.3
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°	35409.2	100.0
0°-180°	35409.2	100.0



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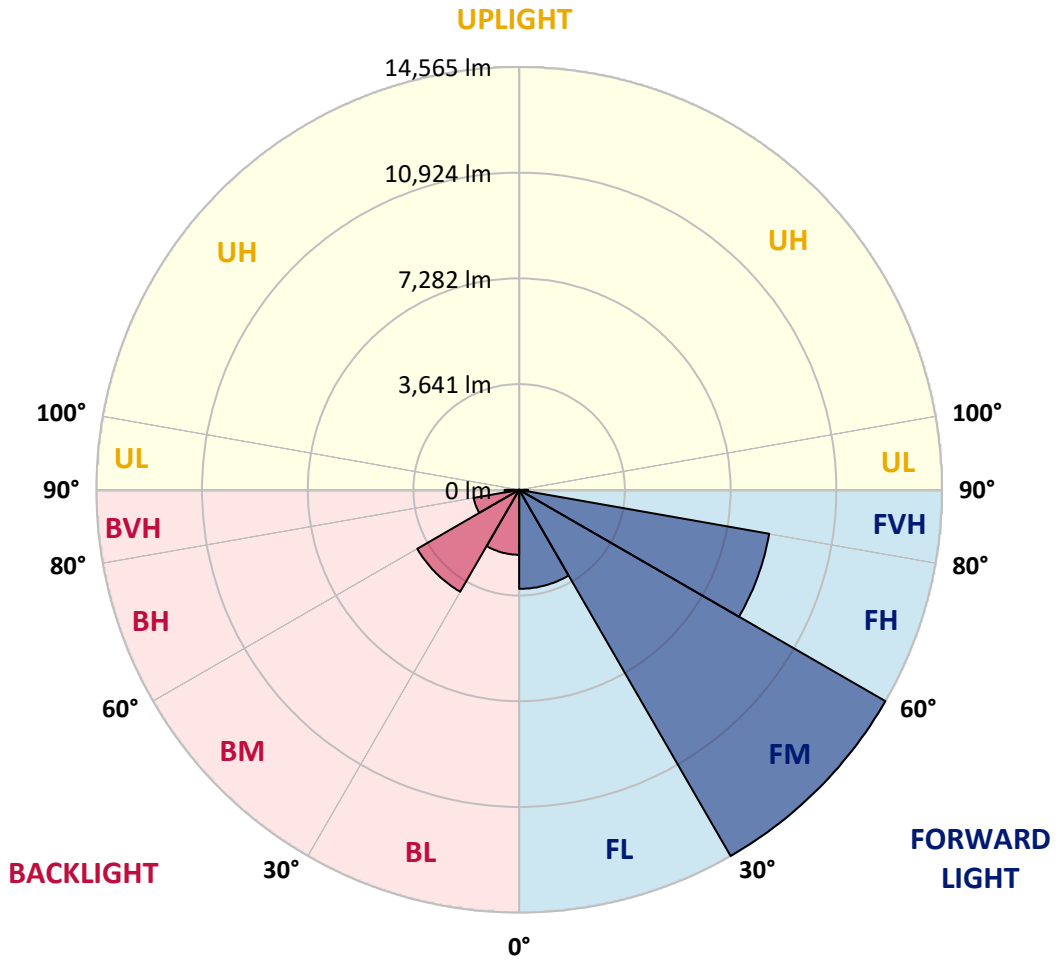
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3411.8	9.6			
FM	(30°-60°)	14564.9	41.1			
FH	(60°-80°)	8745.3	24.7			G4/12000
FVH	(80°-90°)	304.2	0.9			G3/500
BL	(0°-30°)	2237.0	6.3	B3/2500		
BM	(30°-60°)	4052.8	11.4	B3/5000		
BH	(60°-80°)	1590.1	4.5	B3/2500		G3/2500
BVH	(80°-90°)	503.1	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	8090.3	8090.3	8090.3	8090.3	*8090.3*	8090.3	8090.3	8090.3	8090.3	8090.3	8090.3
2.5°	8396.9	8373.3	8349.8	8365.5	*8334.0*	8326.2	8286.9	8271.1	8224.0	8216.1	8129.6
5°	8569.9	8522.7	8514.9	8530.6	*8499.1*	8499.1	8467.7	8444.1	8373.3	8334.0	8208.2
7.5°	8569.9	8562.0	8577.8	8632.8	*8640.7*	8640.7	8640.7	8648.5	8577.8	8522.7	8326.2
10°	8082.4	8003.8	8176.8	8452.0	*8585.6*	8664.2	8805.8	8892.3	8837.2	8797.9	8530.6
12.5°	6627.9	6635.8	6911.0	7500.6	*8035.3*	8263.3	8852.9	9167.4	9191.0	9128.1	8790.0
15°	5621.5	5660.9	5802.4	6226.9	*6840.2*	7178.3	8577.8	9411.2	9599.9	9537.0	9104.5
17.5°	5314.9	5338.5	5401.4	5645.1	*5991.1*	6266.2	7830.8	9568.4	10095.2	10016.6	9458.3
20°	5267.7	5283.5	5362.1	5566.5	*5802.4*	5959.6	7068.2	9442.6	10559.1	10527.6	9780.7
22.5°	5275.6	5291.3	5393.5	5676.6	*5920.3*	6054.0	6824.5	9151.7	11046.5	11078.0	10110.9
25°	5291.3	5299.2	5456.4	5833.8	*6140.5*	6305.6	6981.7	8892.3	11455.4	11722.7	10472.6
27.5°	5377.8	5401.4	5613.7	6038.2	*6399.9*	6588.6	7351.2	8978.7	11903.5	12453.9	10905.0
30°	5613.7	5629.4	5888.9	6329.1	*6722.3*	6918.8	7791.5	9324.7	12453.9	13208.7	11329.6
32.5°	5983.2	5998.9	6297.7	6753.7	*7178.3*	7414.1	8365.5	9985.1	13067.1	14002.7	11754.1
35°	6494.3	6502.1	6840.2	7327.7	*7775.8*	8043.1	9033.8	10732.0	13704.0	14678.9	12068.6
37.5°	7099.7	7154.7	7500.6	8011.7	*8538.5*	8782.2	9820.0	11604.7	14270.1	15252.9	12249.5
40°	7933.1	7948.8	8286.9	8782.2	*9340.4*	9576.3	10606.2	12430.3	14891.2	15590.9	12414.6
42.5°	8790.0	8923.7	9206.7	9757.1	*10173.8*	10362.5	11502.5	13185.1	15386.5	15606.7	12343.8
45°	9937.9	10040.2	10323.2	10810.7	*11227.4*	11447.5	12469.6	13877.0	15638.1	15473.0	12186.6
47.5°	11250.9	11313.8	11541.8	11982.1	*12446.0*	12603.3	13476.0	14270.1	15732.5	15378.6	12115.8
50°	12799.8	12799.8	12964.9	13342.3	*13766.9*	13987.0	14403.7	14505.9	16007.6	15213.5	12296.6
52.5°	14105.0	14167.9	14388.0	14922.6	*15347.2*	15598.8	15127.1	14867.6	15449.4	14293.7	12351.7
55°	15355.1	15425.8	15921.1	16589.4	*17312.8*	17588.0	16031.2	14686.8	13570.3	12949.2	11974.3
57.5°	16550.1	16699.5	17320.6	18625.8	*19718.6*	19695.0	17179.1	13067.1	11078.0	11463.2	11148.7
60°	18216.9	18374.2	19364.8	21008.1	*22344.6*	21786.4	17194.8	10873.6	8632.8	9151.7	9599.9
62.5°	19608.6	19875.9	21330.4	24066.5	*25293.0*	24420.3	15771.8	8326.2	5731.6	6384.2	7422.0
65°	19482.8	19836.6	22093.0	26315.1	*28147.0*	27337.2	13688.3	5267.7	2956.2	4363.6	5197.0
67°	*17768.8*	*18154.0*	*21078.8*	*26393.7*	*29169.1*	*27439.4*	*11557.6*	*3184.2*	*1879.1*	*3027.0*	*3608.8*
67.5°	16786.0	17352.1	20575.6	26244.3	*28980.4*	27007.0	10598.4	2665.3	1769.0	2814.7	3286.4
70°	10323.2	11235.2	15441.5	23201.6	*25977.0*	22604.1	5888.9	1509.6	1438.8	1887.0	2272.2
72.5°	3105.6	3380.8	5959.6	14883.3	*19066.1*	16754.6	2649.6	1163.6	1289.4	1517.4	1753.3
75°	1509.6	1611.8	2460.9	6085.4	*9285.4*	9238.2	1478.1	998.5	1195.1	1273.7	1383.8
77.5°	967.1	1030.0	1533.1	3404.4	*4253.5*	3789.6	1069.3	872.7	1061.4	1045.7	1030.0
80°	605.4	636.8	982.8	1973.4	*3137.1*	2618.1	786.2	715.5	912.0	809.8	731.2
82.5°	393.1	432.4	629.0	1202.9	*2240.8*	1949.8	518.9	511.0	754.8	644.7	566.1
85°	259.5	290.9	401.0	707.6	*1328.7*	1391.6	338.1	353.8	581.8	487.5	432.4
87.5°	94.3	117.9	204.4	314.5	*621.1*	770.5	141.5	133.7	283.0	228.0	180.8
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: P1457285
CATALOG NUMBER: GLAN-SB5C-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8090.3	8090.3	8090.3	8090.3	8090.3	8090.3	8090.3	8090.3	8090.3	8090.3	8090.3
2.5°	8113.9	8090.3	7980.2	7885.9	7815.1	7720.8	7618.6	7500.6	7422.0	7437.7	7414.1
5°	8153.2	8090.3	7878.0	7555.7	7241.2	6848.1	6344.9	6046.1	5818.1	5700.2	5731.6
7.5°	8239.7	8129.6	7681.5	7028.9	6211.2	5409.3	4913.9	4630.9	4497.2	4442.2	4434.3
10°	8389.1	8200.4	7429.9	6211.2	5141.9	4599.4	4418.6	4340.0	4324.3	4324.3	4316.4
12.5°	8569.9	8271.1	7005.3	5417.1	4630.9	4434.3	4402.9	4410.7	4434.3	4457.9	4418.6
15°	8790.0	8302.6	6478.5	4937.5	4528.7	4481.5	4528.7	4583.7	4623.0	4654.5	4615.2
17.5°	9010.2	8271.1	5983.2	4709.5	4544.4	4607.3	4701.7	4788.1	4811.7	4858.9	4827.4
20°	9167.4	8161.1	5558.6	4623.0	4583.7	4725.2	4843.2	4937.5	4984.7	5016.1	4984.7
22.5°	9285.4	8019.5	5252.0	4536.5	4583.7	4756.7	4898.2	5008.3	5063.3	5094.8	5055.5
25°	9387.6	7823.0	5016.1	4410.7	4489.4	4654.5	4811.7	4921.8	5000.4	5047.6	5024.0
27.5°	9513.4	7665.7	4796.0	4222.1	4292.8	4450.1	4615.2	4748.8	4898.2	4976.8	4961.1
30°	9654.9	7587.1	4583.7	4017.6	4064.8	4222.1	4418.6	4599.4	4803.9	4906.1	4906.1
32.5°	9820.0	7532.1	4387.2	3821.1	3860.4	4033.4	4222.1	4387.2	4607.3	4772.4	4764.6
35°	9890.8	7469.2	4229.9	3640.2	3718.9	3860.4	4009.8	4119.8	4347.8	4544.4	4560.1
37.5°	9961.5	7445.6	4151.3	3498.7	3561.6	3671.7	3750.3	3805.4	4017.6	4222.1	4229.9
40°	10048.0	7555.7	4206.3	3404.4	3349.3	3459.4	3498.7	3530.2	3640.2	3773.9	3773.9
42.5°	9993.0	7634.3	4332.1	3317.9	3089.9	3215.7	3231.4	3223.5	3231.4	3239.3	3231.4
45°	9851.5	7555.7	4332.1	3184.2	2814.7	2948.4	2940.5	2901.2	2838.3	2673.2	2649.6
47.5°	9820.0	7508.5	4167.0	2964.1	2539.5	2649.6	2665.3	2586.7	2405.9	2232.9	2177.9
50°	9953.7	7595.0	3907.6	2696.8	2303.7	2398.0	2437.3	2303.7	2099.2	1918.4	1887.0
52.5°	10150.2	7705.0	3530.2	2405.9	2107.1	2201.4	2248.6	2099.2	1887.0	1745.4	1729.7
55°	10126.6	7705.0	3105.6	2138.5	1957.7	2028.5	2107.1	1949.8	1784.7	1706.1	1698.3
57.5°	9615.6	7414.1	2791.1	1949.8	1816.2	1879.1	1981.3	1831.9	1674.7	1690.4	1714.0
60°	8617.1	6659.4	2555.2	1824.1	1690.4	1753.3	1863.4	1690.4	1486.0	1430.9	1430.9
62.5°	7099.7	5487.9	2366.6	1698.3	1572.5	1651.1	1706.1	1478.1	1344.5	1281.6	1281.6
65°	5322.8	4245.6	2170.0	1596.0	1470.2	1556.7	1493.8	1383.8	1250.1	1202.9	1210.8
67°	*3946.9*	*3294.3*	*2004.9*	*1509.6*	*1407.4*	*1446.7*	*1399.5*	*1320.9*	*1187.2*	*1147.9*	*1187.2*
67.5°	3545.9	3129.2	1965.6	1486.0	1391.6	1423.1	1375.9	1313.0	1171.5	1132.2	1171.5
70°	2437.3	2405.9	1753.3	1375.9	1305.1	1273.7	1297.3	1218.7	1100.7	1085.0	1124.3
72.5°	1855.5	1918.4	1572.5	1281.6	1210.8	1171.5	1226.5	1147.9	1030.0	1053.5	1092.9
75°	1454.5	1548.9	1407.4	1147.9	1100.7	1108.6	1218.7	1187.2	1092.9	1116.4	1124.3
77.5°	1077.1	1250.1	1202.9	998.5	959.2	1069.3	1375.9	1470.2	1305.1	1265.8	1210.8
80°	786.2	896.3	1014.2	825.5	802.0	1030.0	1698.3	1879.1	1611.8	1454.5	1415.2
82.5°	581.8	629.0	833.4	660.4	581.8	919.9	1887.0	2209.3	1918.4	1619.6	1572.5
85°	416.7	487.5	660.4	487.5	385.3	754.8	1847.6	2162.1	1902.7	1533.1	1493.8
87.5°	149.4	212.3	283.0	220.1	196.6	518.9	1525.3	1556.7	1187.2	542.5	550.4
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

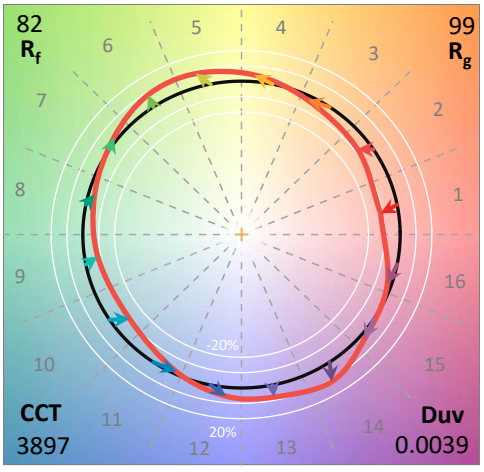
Test Information

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

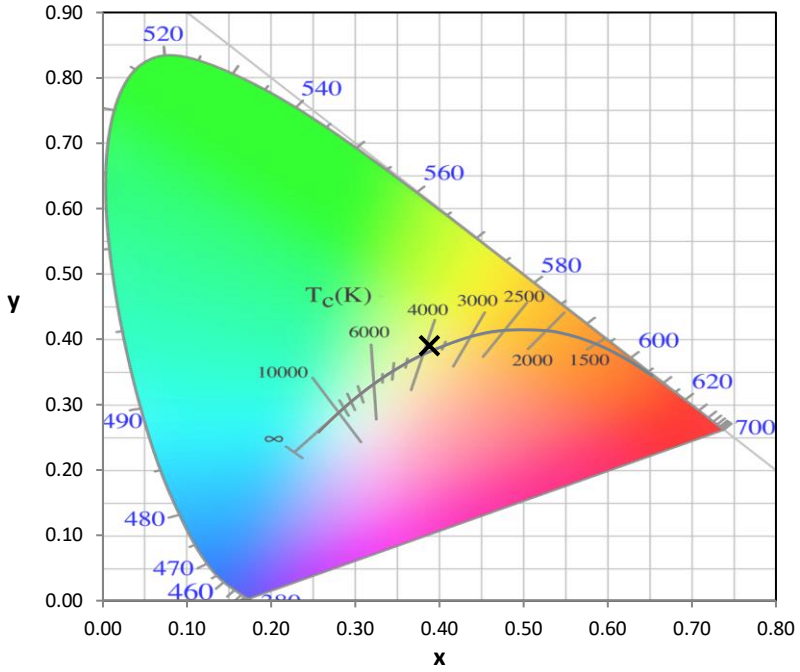
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

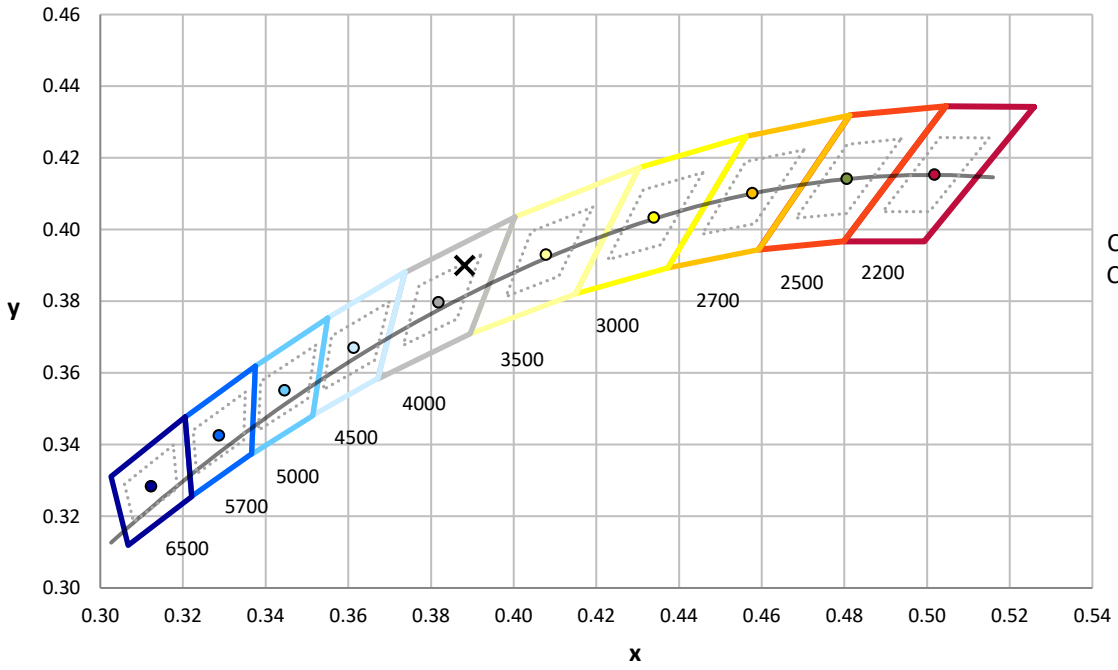
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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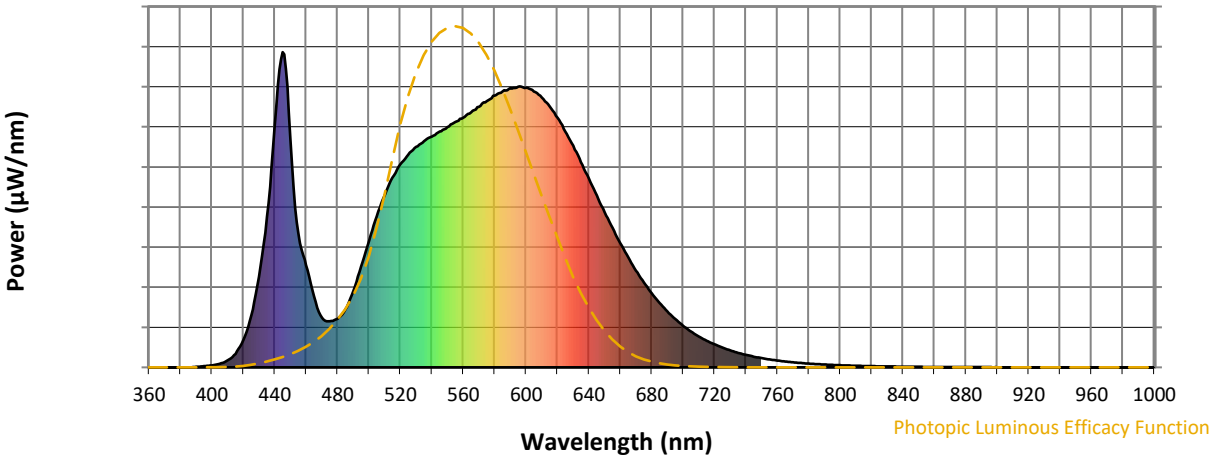
Photopic Flux vs. Wavelength



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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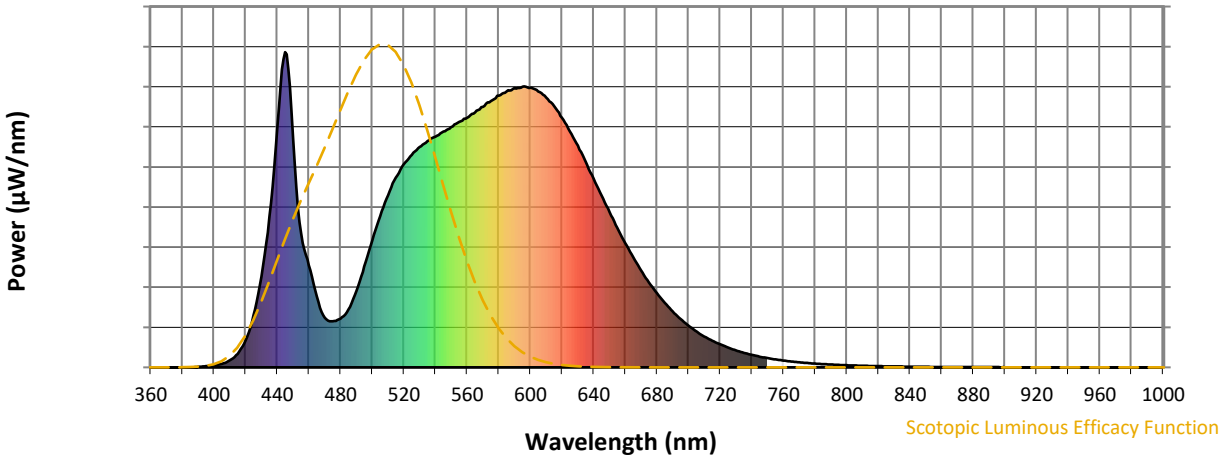
Scotopic Flux vs. Wavelength



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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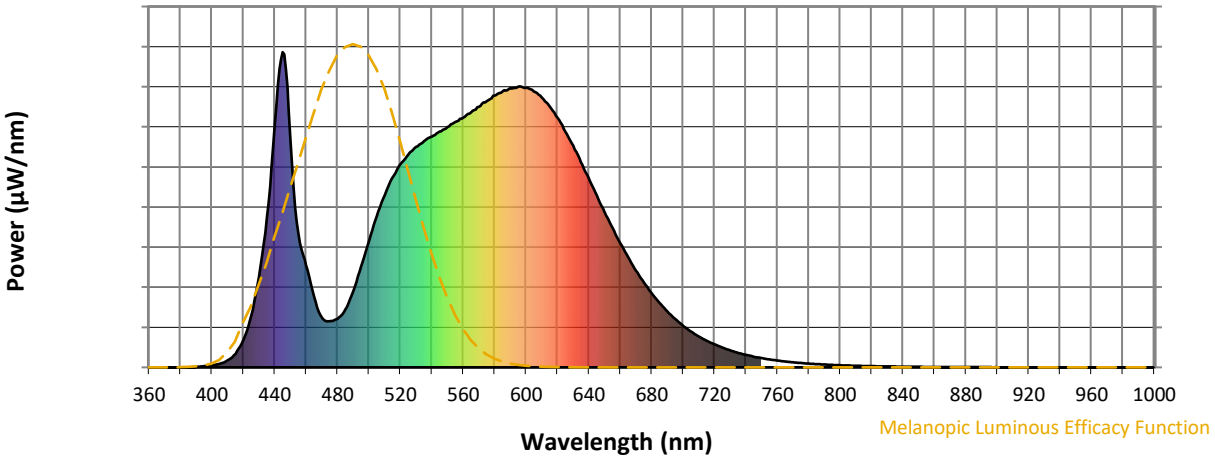
Melanopic Flux vs. Wavelength



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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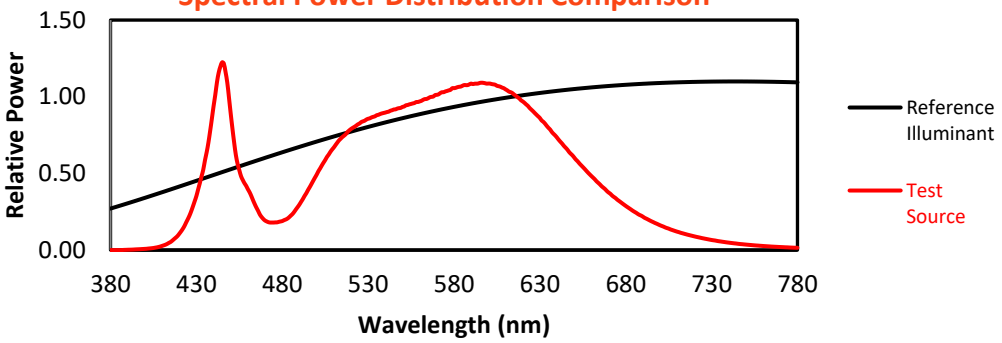
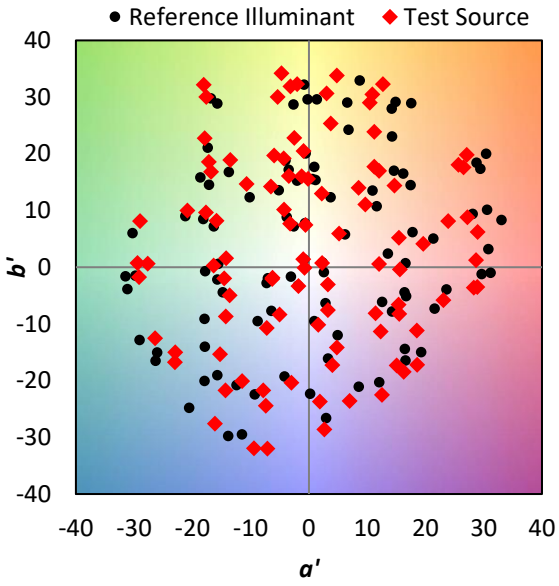
Summary

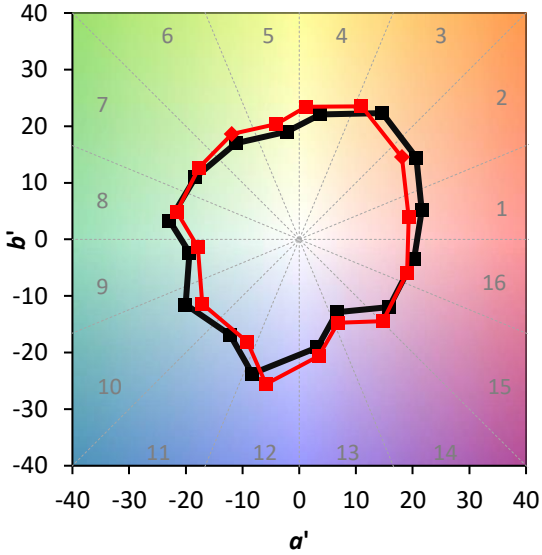
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

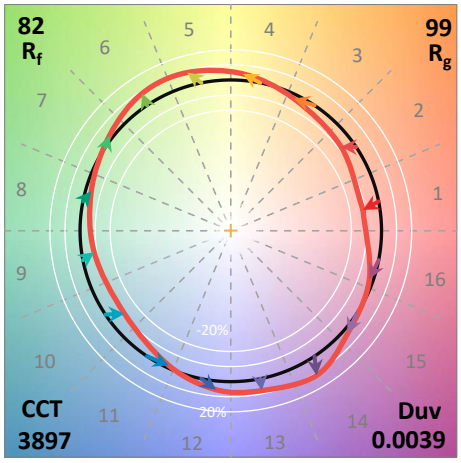
Spectral Power Distribution Comparison

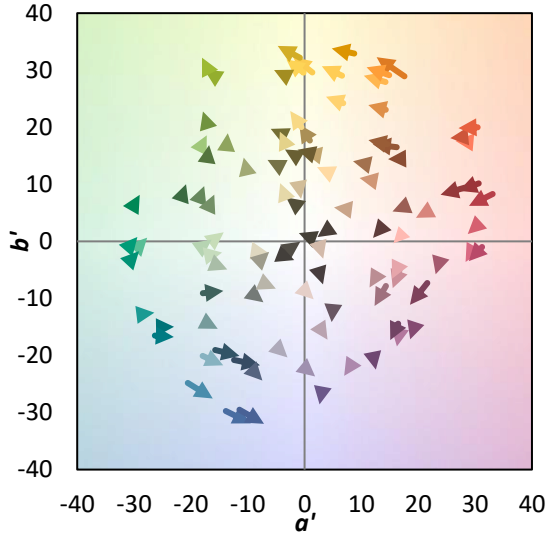


Color Vector Graphics









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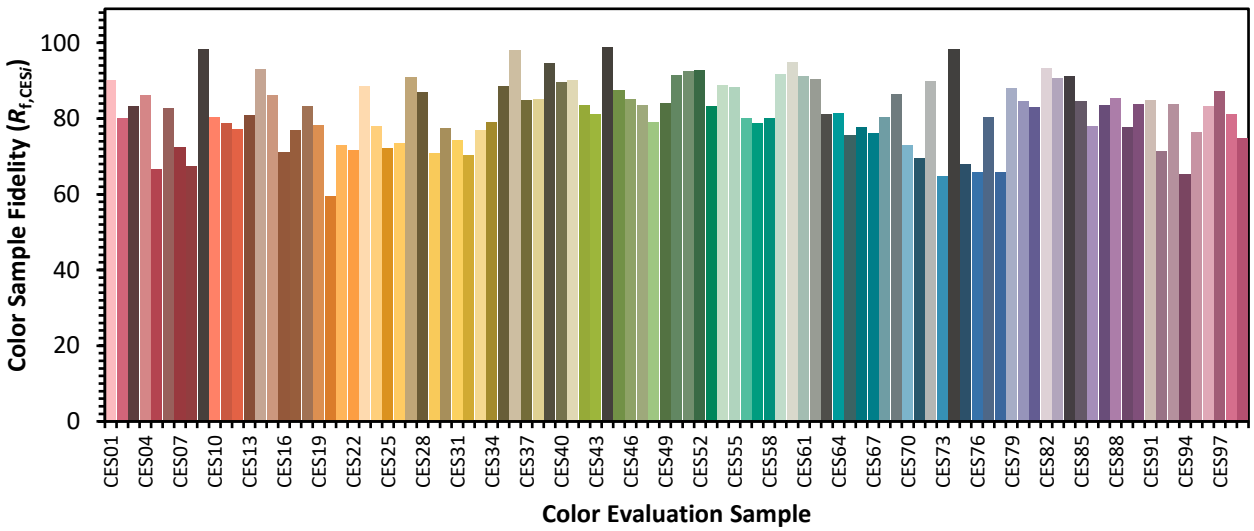
Individual Sample Fidelity Index ($R_{f,i}$)

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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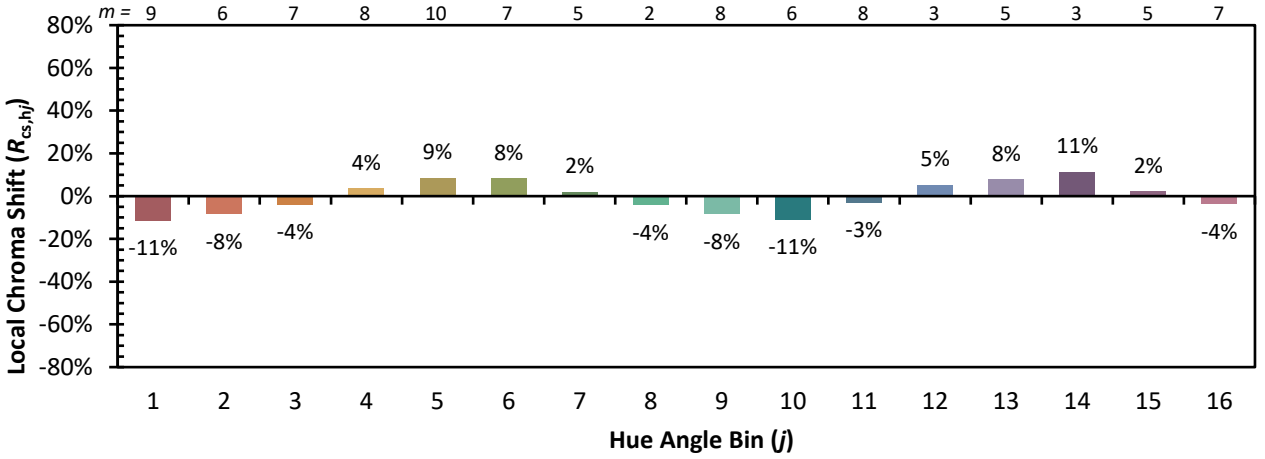
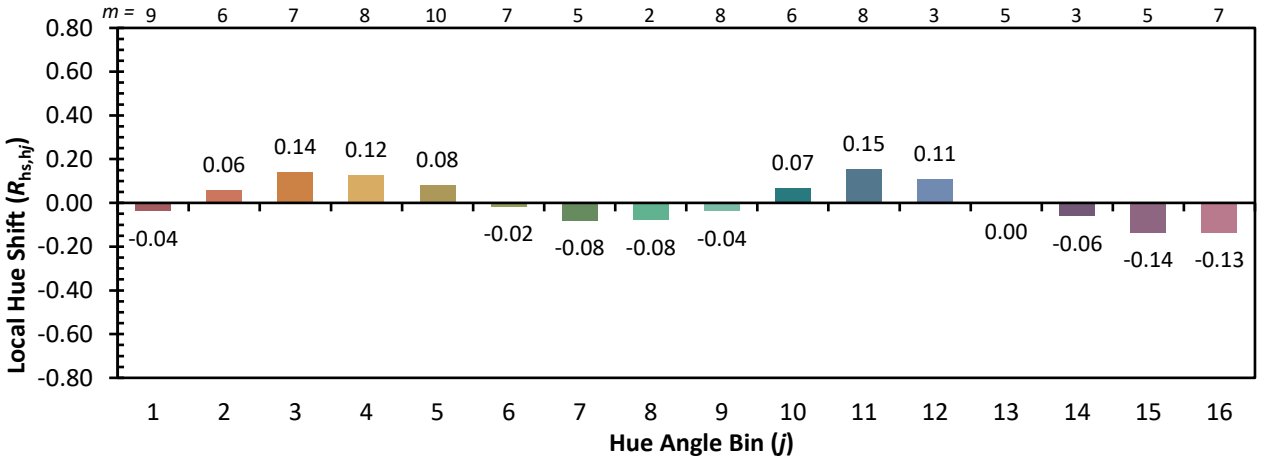
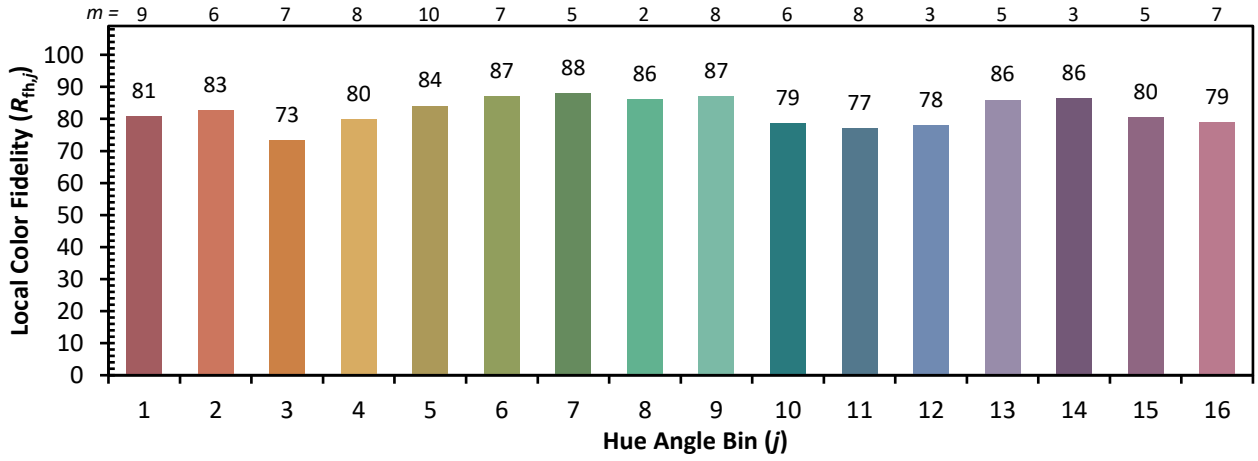
Color Rendition by Hue-Angle Bin







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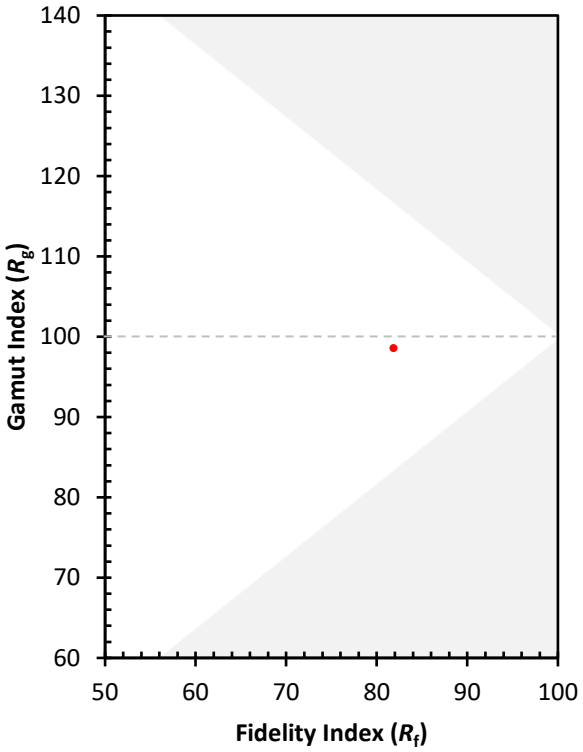
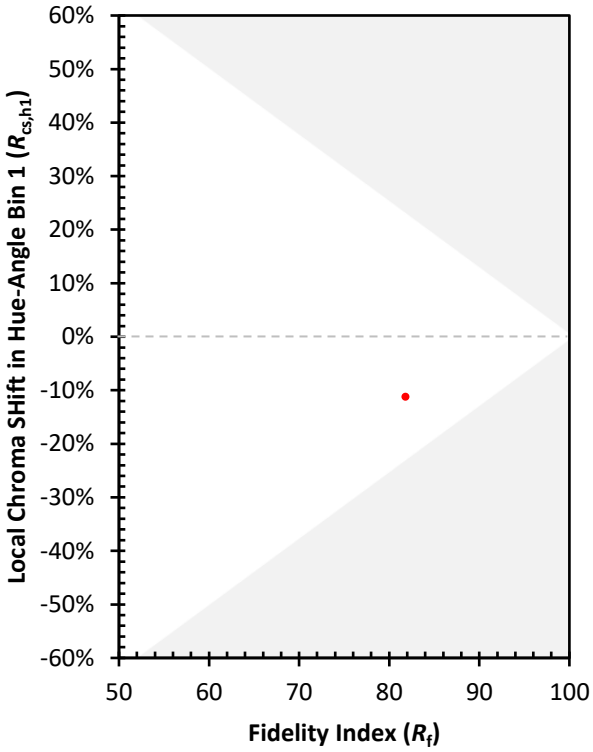
Measure Comparisons





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