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: P1456129

Luminaire Tested: GLAN-SB4C-840-U-T2LG

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:	P1456129
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4C-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27771 lumens
Efficiency:	N/A
Efficacy:	138.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

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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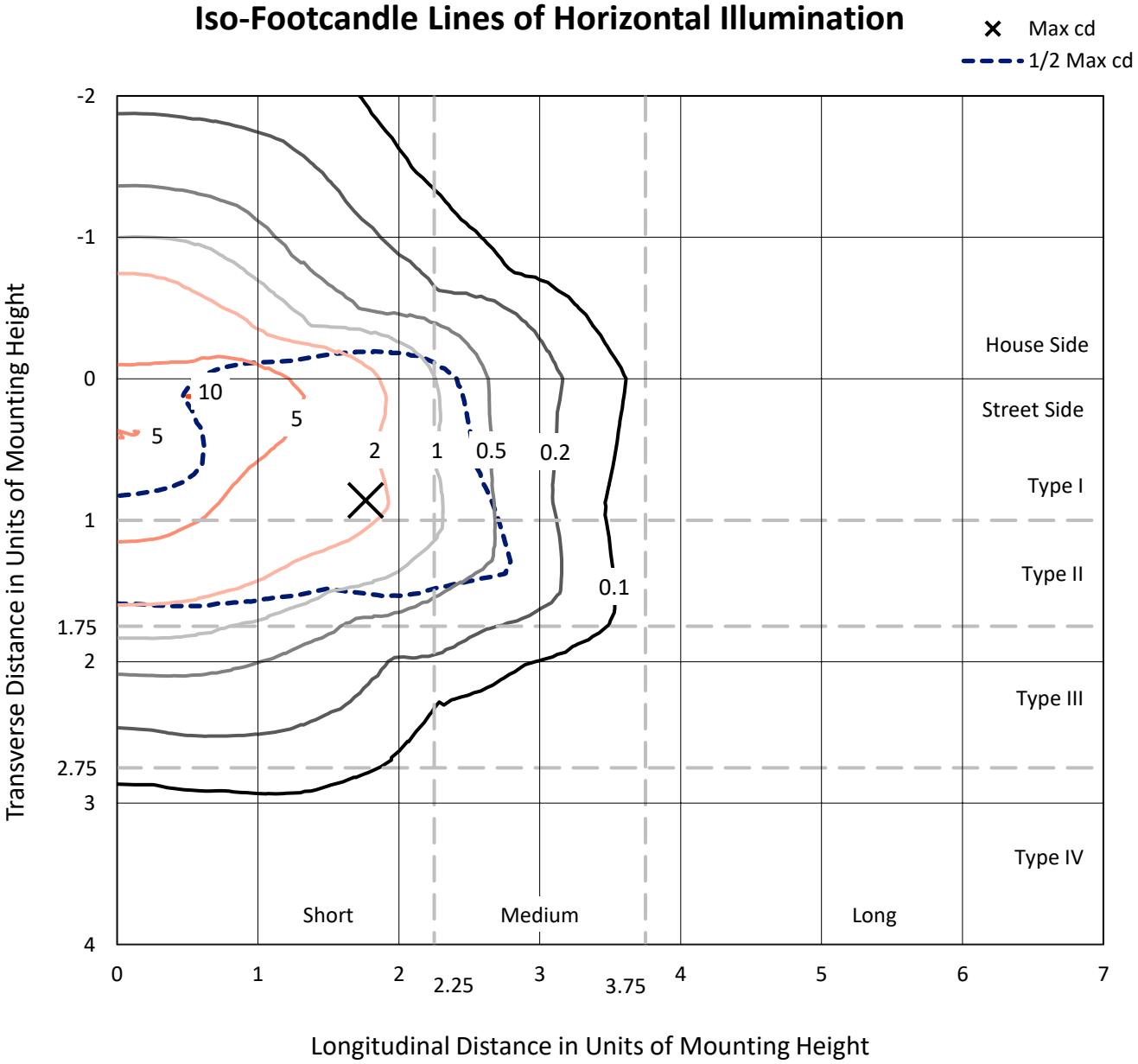
REPORT NUMBER: P1456129
CATALOG NUMBER: GLAN-SB4C-840-U-T2LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10.4 fc
Type II - Short - N/A

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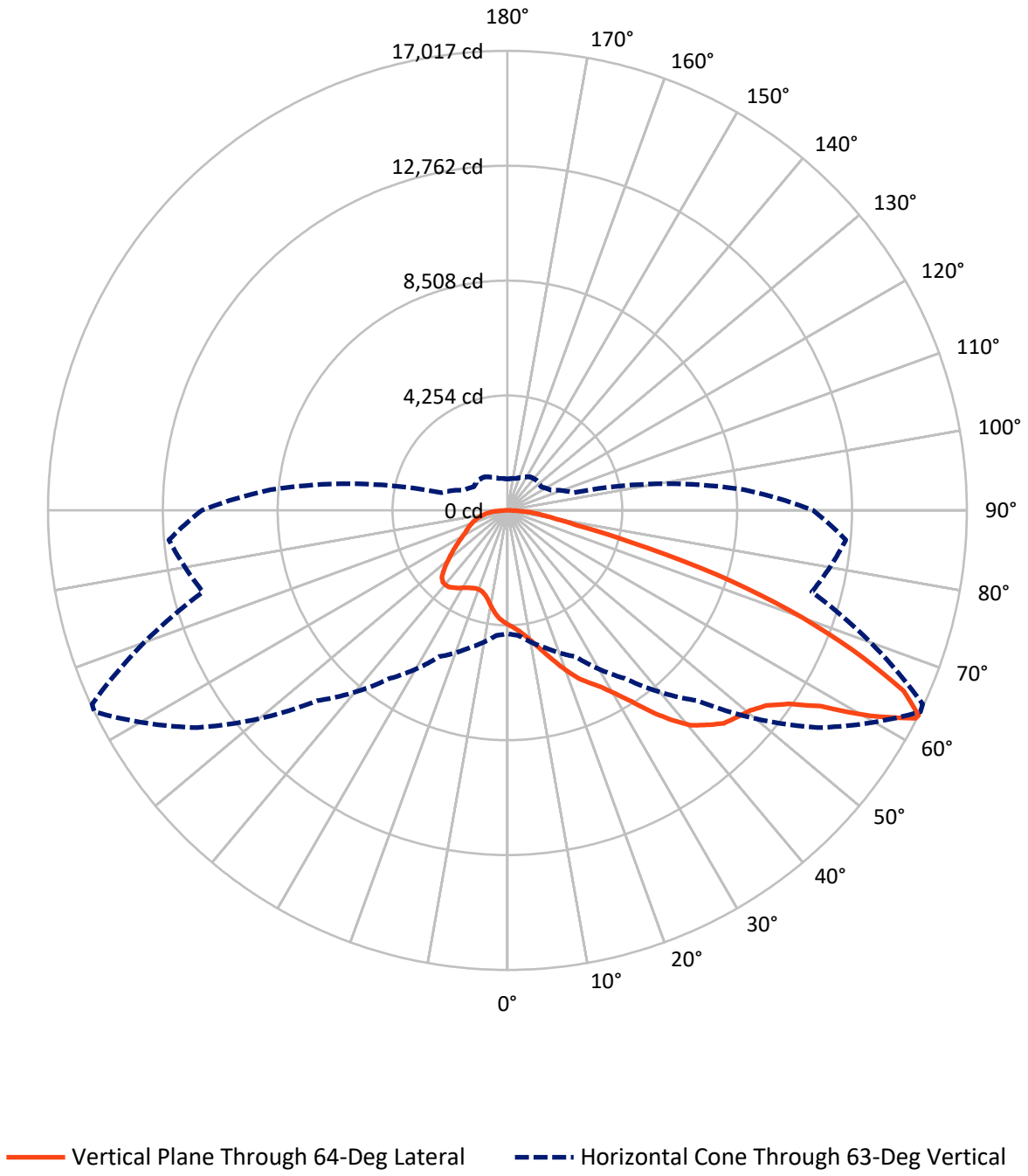
Luminous Intensity Polar Plot



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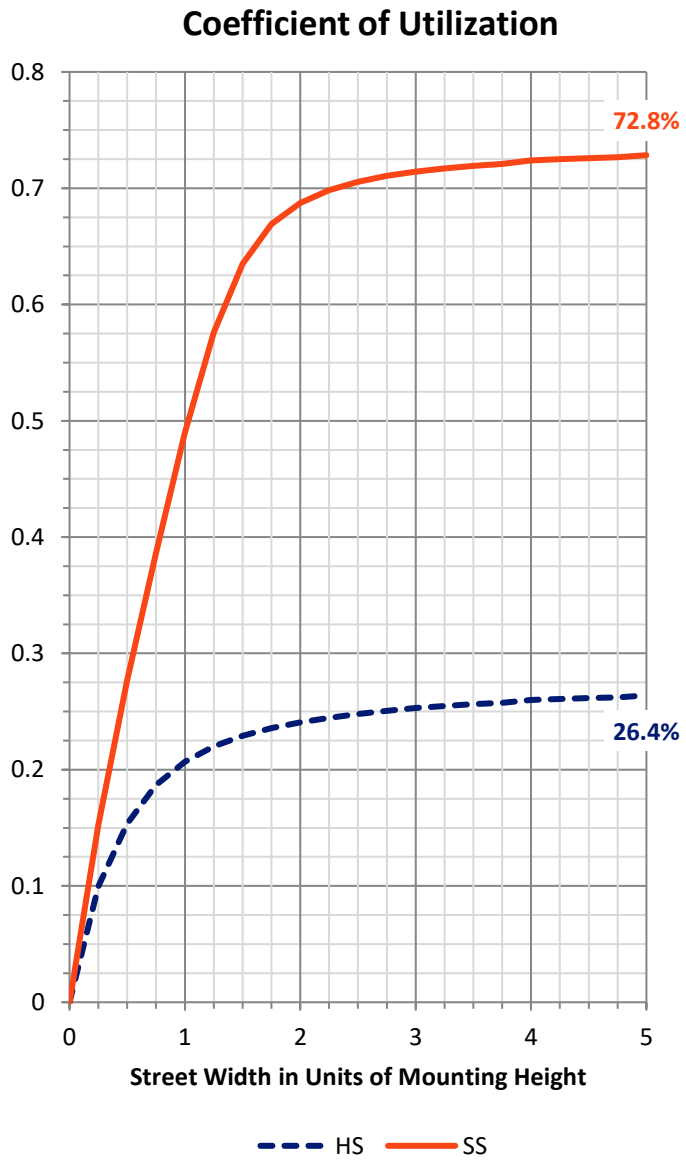
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7461.3	0.0	7461.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	20309.7	0.0	20309.7
	% Fixture	73.1	0.0	73.1
Total	Lumens	27771.0	0.0	27771.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	388.3	1.4
10°-20°	1195.4	4.3
20°-30°	2186.0	7.9
30°-40°	3760.2	13.5
40°-50°	5545.3	20.0
50°-60°	6646.4	23.9
60°-70°	5334.4	19.2
70°-80°	2143.5	7.7
80°-90°	571.6	2.1
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°	27771.0	100.0
0°-180°	27771.0	100.0



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REPORT NUMBER: P1456129
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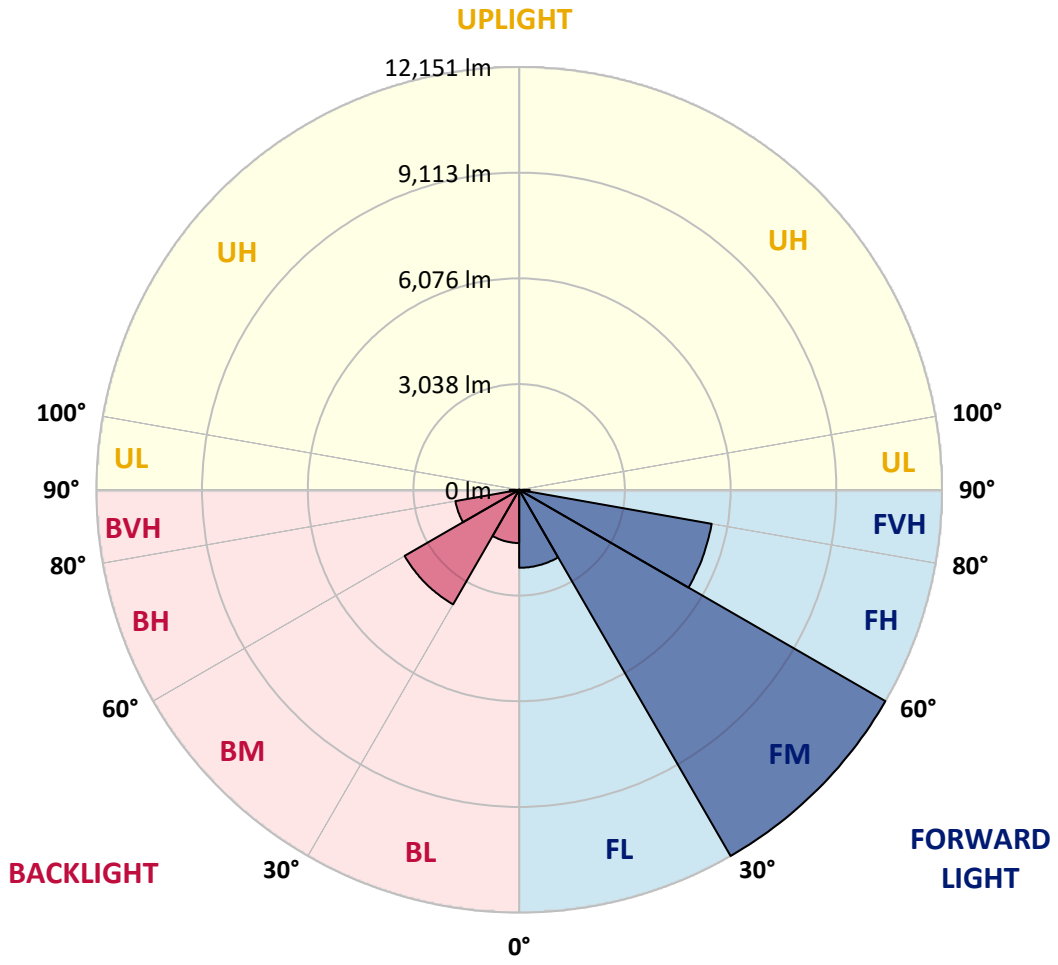
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2240.6	8.1			
FM	(30°-60°)	12151.3	43.8			
FH	(60°-80°)	5617.5	20.2			G3/7500
FVH	(80°-90°)	300.3	1.1			G3/500
BL	(0°-30°)	1529.1	5.5	B3/2500		
BM	(30°-60°)	3800.6	13.7	B3/5000		
BH	(60°-80°)	1860.3	6.7	B3/2500		G3/2500
BVH	(80°-90°)	271.3	1.0			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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Scaled Data Report

REPORT NUMBER: P1456129
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	4229.2	4229.2	4229.2	4229.2	4229.2	4229.2	4229.2	*4229.2*	4229.2	4229.2	4229.2
2.5°	4403.9	4410.1	4391.4	4385.1	4397.6	4372.7	4366.4	*4341.5*	4329.0	4304.1	4272.9
5°	4528.6	4534.8	4522.4	4522.4	4534.8	4516.1	4509.9	*4484.9*	4472.5	4447.5	4385.1
7.5°	4522.4	4528.6	4541.1	4591.0	4653.4	4678.3	4697.0	*4678.3*	4672.1	4634.7	4572.3
10°	4422.6	4428.8	4460.0	4534.8	4690.8	4803.1	4921.6	*4921.6*	4934.1	4902.9	4790.6
12.5°	4285.3	4291.6	4366.4	4484.9	4690.8	4884.2	5127.4	*5227.2*	5221.0	5202.3	5071.3
15°	3954.7	3954.7	4067.0	4291.6	4622.2	4940.3	5302.1	*5570.3*	5576.6	5595.3	5439.3
17.5°	3674.0	3680.3	3773.8	3973.5	4403.9	4909.1	5489.2	*5950.8*	5969.5	6075.6	5851.0
20°	3699.0	3699.0	3730.2	3817.5	4166.8	4784.4	5595.3	*6356.3*	6418.7	6668.2	6387.5
22.5°	3892.4	3892.4	3917.3	3911.1	4123.2	4703.3	5663.9	*6761.7*	6874.0	7391.7	7030.0
25°	4247.9	4241.7	4216.7	4179.3	4304.1	4790.6	5819.8	*7073.6*	7291.9	8190.2	7772.2
27.5°	4684.6	4672.1	4634.7	4572.3	4659.6	5052.6	6088.0	*7404.2*	7641.3	9063.5	8558.2
30°	5227.2	5189.8	5152.4	5071.3	5164.9	5483.0	6487.3	*7872.0*	8096.6	10055.3	9506.3
32.5°	5869.7	5913.4	5788.6	5676.4	5776.2	6069.3	7079.9	*8427.2*	8670.5	11090.7	10491.9
35°	6830.3	6961.3	6923.9	6356.3	6449.8	6774.2	7772.2	*9144.6*	9362.9	12032.6	11502.4
37.5°	7778.5	7747.3	7778.5	7304.4	7154.7	7547.7	8514.5	*9830.7*	10042.8	12799.9	12394.4
40°	8539.5	8633.1	8633.1	8246.3	8052.9	8314.9	9188.2	*10460.7*	10666.6	13224.0	13036.9
42.5°	9369.1	9381.6	9356.6	9019.8	8944.9	9013.6	9780.8	*10859.9*	11028.4	13442.4	13473.6
45°	10304.8	10298.5	10192.5	9911.8	9799.5	9737.1	10148.8	*11246.7*	11415.1	13542.2	13710.6
47.5°	11078.3	11109.4	11115.7	10816.3	10629.1	10360.9	10467.0	*11440.0*	11633.4	13429.9	13760.5
50°	11121.9	11171.8	11408.9	11496.2	11458.8	11028.4	10760.1	*11645.9*	11839.3	13454.8	13941.4
52.5°	10847.5	10897.4	11203.0	11564.8	12001.4	11795.6	11221.7	*12001.4*	12201.1	13698.1	14353.1
55°	10111.4	10192.5	10647.8	11153.1	11932.8	12226.0	12038.9	*12643.9*	12831.1	13891.5	14833.4
57.5°	8801.5	8901.3	9531.3	10336.0	11402.6	12126.2	13224.0	*13673.2*	13829.1	14028.7	14839.6
60°	6580.8	6661.9	7647.5	8732.9	10336.0	11502.4	13928.9	*15438.4*	15525.8	13286.4	13997.5
62.5°	4846.7	4927.8	5589.0	6368.7	8121.6	10354.7	14066.1	*16966.7*	16979.2	11945.3	12837.3
63°	*4566.0*	*4647.1*	*5246.0*	*5975.8*	*7597.6*	*9967.9*	*14022.5*	*17016.6*	*16972.9*	*11670.8*	*12581.6*
65°	3555.5	3699.0	4322.8	4877.9	5695.1	7934.4	13461.1	*16130.8*	16193.2	10859.9	11296.6
67.5°	2420.2	2526.3	3318.5	3961.0	4304.1	5052.6	11040.8	*13804.2*	13904.0	10017.8	9013.6
70°	1871.3	1921.2	2382.8	3137.6	3480.7	3212.4	7198.4	*11115.7*	11115.7	7822.1	6387.5
72.5°	1465.9	1484.6	1796.5	2451.4	2800.8	2470.2	4010.9	*8084.1*	7784.7	4640.9	4260.4
75°	1047.9	1072.9	1353.6	1827.7	2233.1	1946.2	2563.7	*4709.5*	4528.6	2669.8	2844.4
77.5°	829.6	842.1	1010.5	1347.4	1808.9	1484.6	1952.4	*2570.0*	2545.0	1877.6	1827.7
80°	655.0	679.9	792.2	966.9	1397.3	1160.2	1453.4	*1696.7*	1646.8	1291.2	1172.7
82.5°	467.8	511.5	611.3	736.1	1035.5	829.6	954.4	*1197.6*	1197.6	973.1	773.5
85°	286.9	324.4	361.8	455.4	736.1	536.4	505.3	*773.5*	792.2	729.8	499.0
87.5°	137.2	149.7	174.7	193.4	268.2	243.3	199.6	*293.2*	299.4	324.4	205.8
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: P1456129
CATALOG NUMBER: GLAN-SB4C-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4229.2	4229.2	4229.2	4229.2	4229.2	4229.2	4229.2	4229.2	4229.2	4229.2	4229.2
2.5°	4266.6	4254.1	4191.8	4129.4	4060.8	3998.4	3936.0	3886.1	3830.0	3842.5	3848.7
5°	4347.7	4316.5	4179.3	4017.1	3805.0	3605.4	3412.1	3274.8	3187.5	3162.5	3112.6
7.5°	4522.4	4447.5	4198.0	3854.9	3462.0	3150.1	2969.2	2888.1	2863.1	2869.4	2856.9
10°	4722.0	4609.7	4223.0	3661.6	3162.5	2950.5	2925.5	2975.4	3000.4	3025.3	3031.5
12.5°	4984.0	4803.1	4210.5	3449.5	3019.1	2981.6	3075.2	3168.8	3224.9	3262.3	3256.1
15°	5289.6	5046.3	4173.1	3274.8	3000.4	3100.2	3218.7	3324.7	3393.3	3430.8	3412.1
17.5°	5657.6	5333.3	4129.4	3162.5	3056.5	3175.0	3299.8	3405.8	3480.7	3505.6	3486.9
20°	6113.0	5657.6	4054.5	3112.6	3100.2	3206.2	3318.5	3418.3	3480.7	3505.6	3480.7
22.5°	6649.4	6044.4	3992.2	3112.6	3118.9	3206.2	3287.3	3362.2	3418.3	3437.0	3405.8
25°	7335.6	6493.5	3967.2	3162.5	3125.1	3175.0	3218.7	3262.3	3293.5	3306.0	3293.5
27.5°	8034.2	7011.2	3979.7	3224.9	3118.9	3131.4	3131.4	3137.6	3143.8	3150.1	3143.8
30°	8838.9	7535.2	4029.6	3306.0	3131.4	3069.0	3050.3	3012.8	2981.6	2956.7	2931.7
32.5°	9618.6	8034.2	4116.9	3424.5	3118.9	3000.4	2962.9	2869.4	2782.0	2707.2	2707.2
35°	10460.7	8552.0	4272.9	3511.9	3106.4	2938.0	2831.9	2725.9	2632.3	2526.3	2526.3
37.5°	11184.3	8994.8	4397.6	3611.7	3093.9	2863.1	2694.7	2576.2	2476.4	2370.3	2357.9
40°	11689.6	9250.6	4472.5	3649.1	3050.3	2763.3	2563.7	2414.0	2270.5	2127.1	2120.8
42.5°	11932.8	9238.1	4428.8	3636.6	2969.2	2638.6	2451.4	2251.8	2058.5	1927.5	1915.0
45°	12063.8	9157.0	4260.4	3530.6	2838.2	2507.6	2308.0	2095.9	1902.5	1784.0	1759.0
47.5°	12038.9	8957.4	4029.6	3268.6	2663.5	2364.1	2164.5	1946.2	1790.2	1721.6	1721.6
50°	12107.5	8801.5	3767.6	2969.2	2426.5	2195.7	2033.5	1833.9	1740.3	1653.0	1621.8
52.5°	12413.1	8932.5	3543.0	2688.5	2201.9	2033.5	1921.2	1752.8	1634.3	1578.2	1559.4
55°	12818.6	9213.2	3331.0	2439.0	1983.6	1890.0	1833.9	1678.0	1540.7	1484.6	1453.4
57.5°	12893.4	9406.5	3125.1	2195.7	1802.7	1777.8	1759.0	1547.0	1434.7	1391.0	1366.1
60°	12375.7	9263.1	2856.9	1977.4	1659.2	1671.7	1621.8	1465.9	1334.9	1291.2	1266.3
62.5°	11496.2	8888.8	2588.7	1790.2	1547.0	1571.9	1522.0	1366.1	1235.1	1191.4	1178.9
63°	*11321.5*	*8789.0*	*2526.3*	*1771.5*	*1522.0*	*1553.2*	*1509.5*	*1353.6*	*1222.6*	*1178.9*	*1160.2*
65°	10279.8	8190.2	2308.0	1671.7	1440.9	1440.9	1447.2	1291.2	1178.9	1160.2	1147.7
67.5°	8383.5	6836.6	2070.9	1553.2	1353.6	1372.3	1403.5	1316.2	1272.5	1260.0	1247.6
70°	6337.6	5146.1	1865.1	1440.9	1260.0	1322.4	1534.5	1497.1	1334.9	1222.6	1197.6
72.5°	4491.2	3505.6	1684.2	1328.6	1147.7	1303.7	1590.6	1428.4	1203.9	1072.9	1047.9
75°	3006.6	2258.1	1503.3	1210.1	1023.0	1203.9	1503.3	1303.7	1047.9	1016.8	979.3
77.5°	1890.0	1609.3	1322.4	1072.9	885.8	1072.9	1366.1	1160.2	904.5	917.0	860.8
80°	1154.0	1147.7	1110.3	910.7	711.1	854.6	1147.7	979.3	723.6	723.6	642.5
82.5°	686.2	829.6	941.9	754.8	517.7	611.3	829.6	736.1	605.1	586.3	548.9
85°	461.6	561.4	748.5	580.1	330.6	374.3	573.9	617.5	555.2	486.5	455.4
87.5°	168.4	224.6	343.1	237.0	143.5	224.6	430.4	449.1	336.8	262.0	237.0
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

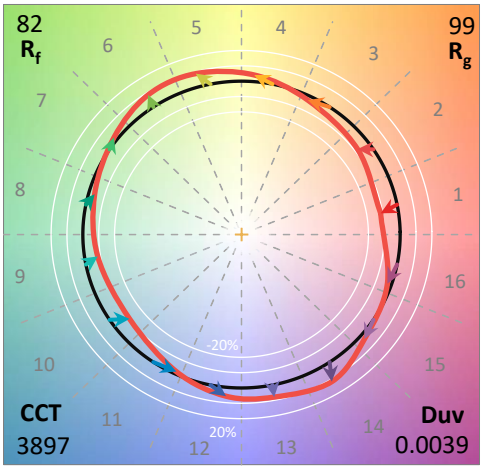
Test Information

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

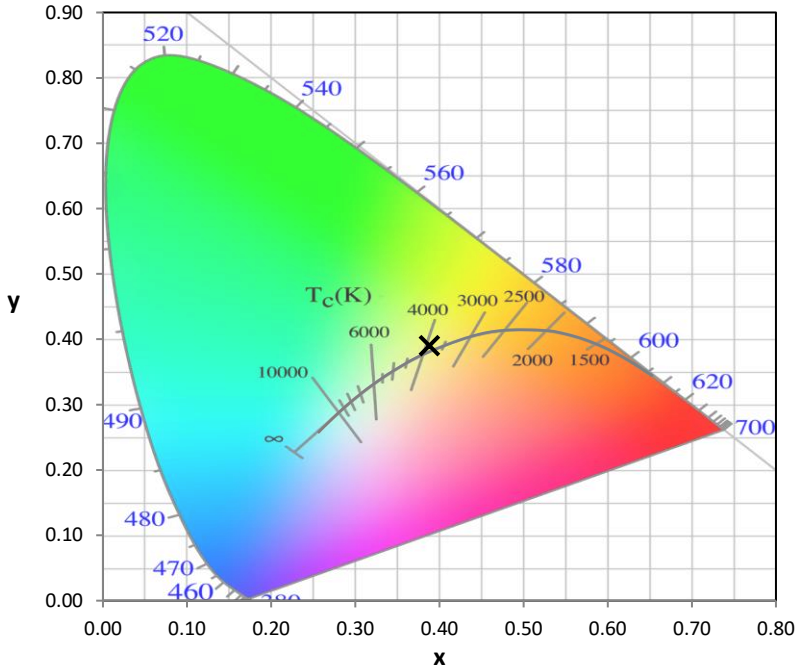
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

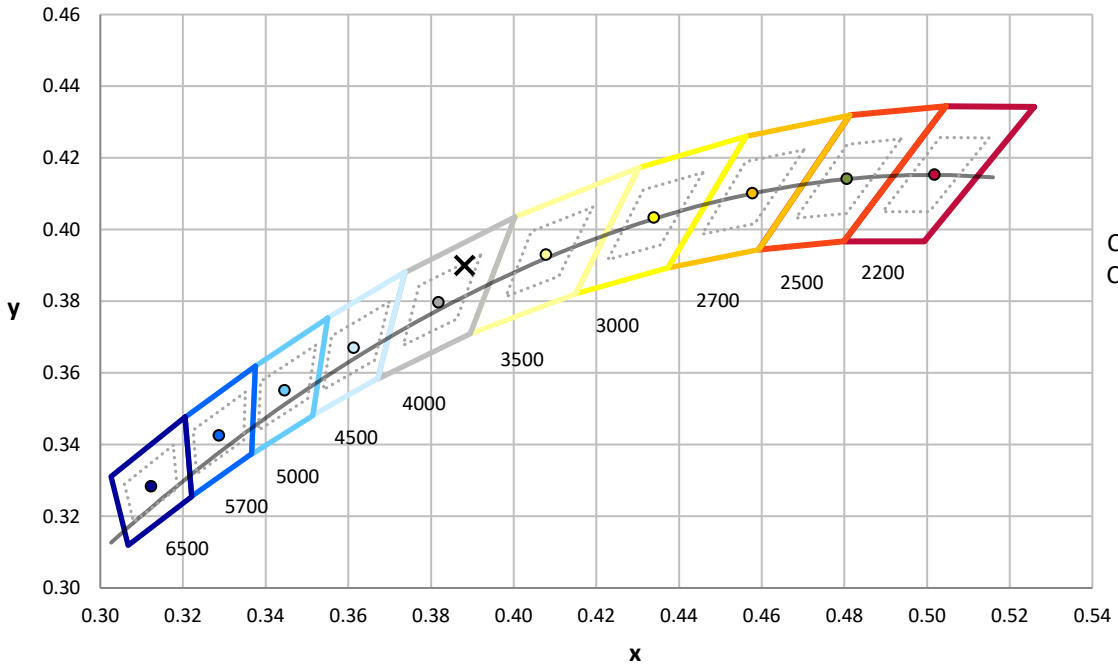
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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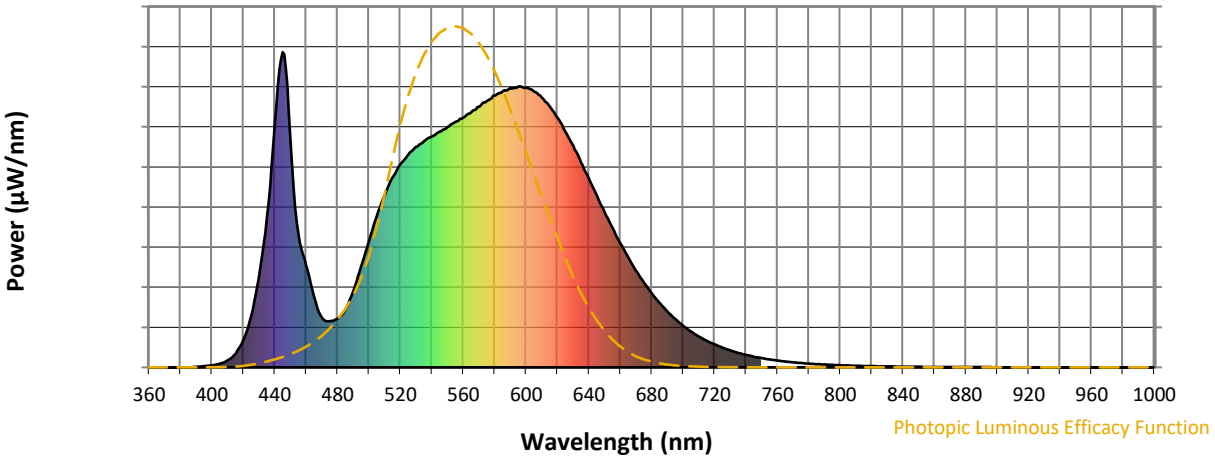
Photopic Flux vs. Wavelength



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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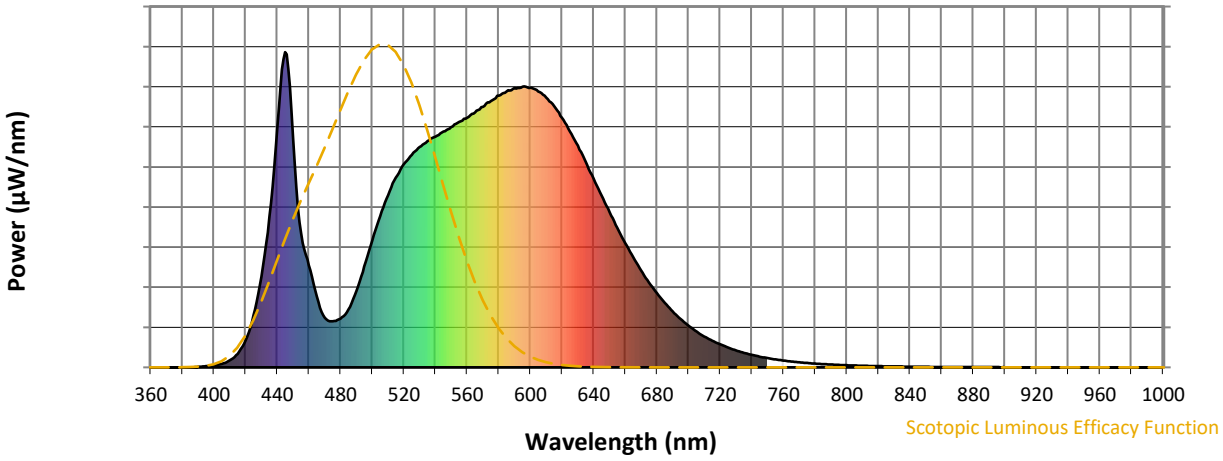
Scotopic Flux vs. Wavelength



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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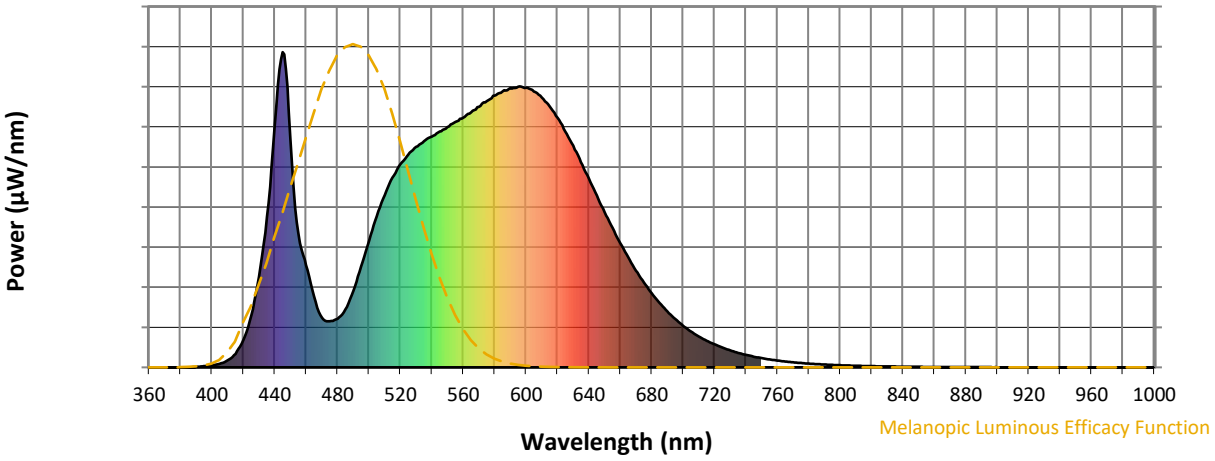
Melanopic Flux vs. Wavelength



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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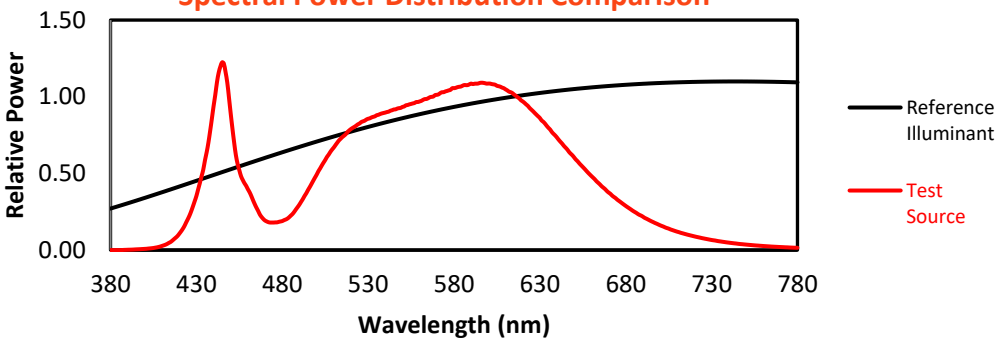
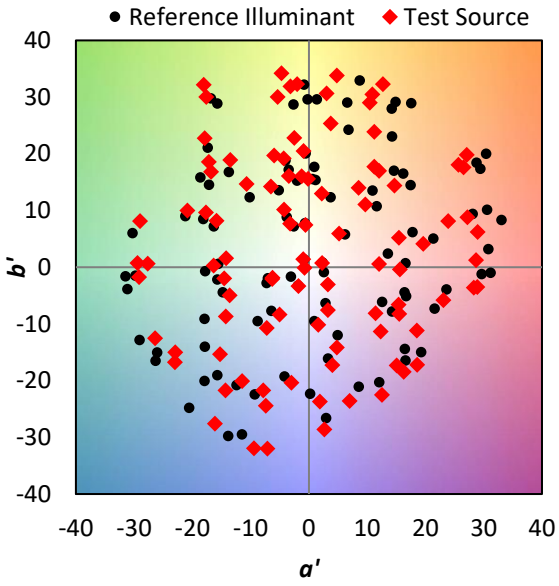
Summary

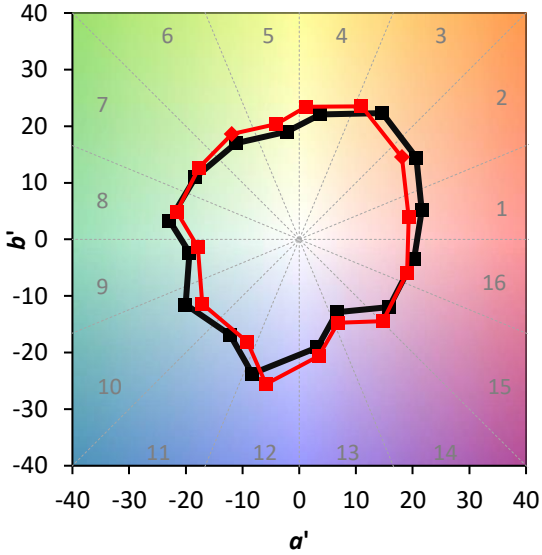
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

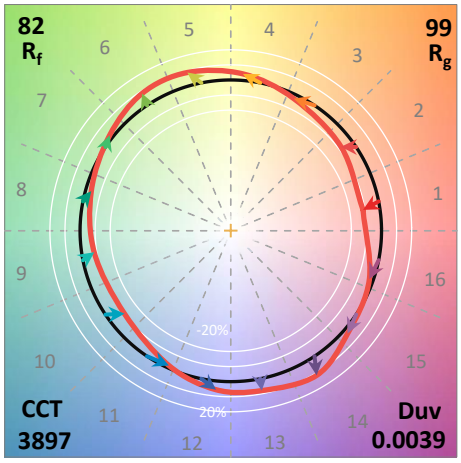
Spectral Power Distribution Comparison

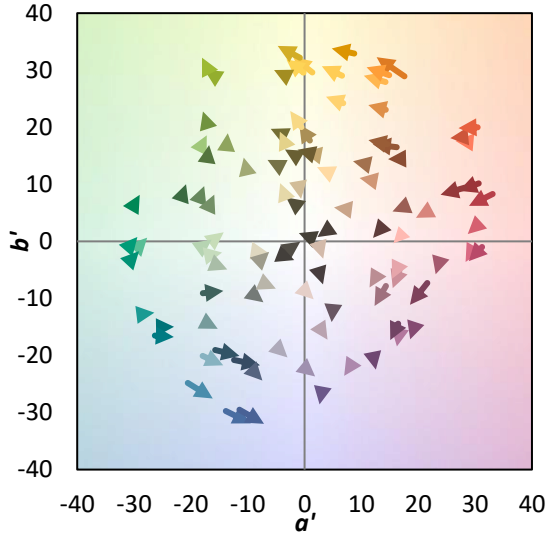


Color Vector Graphics









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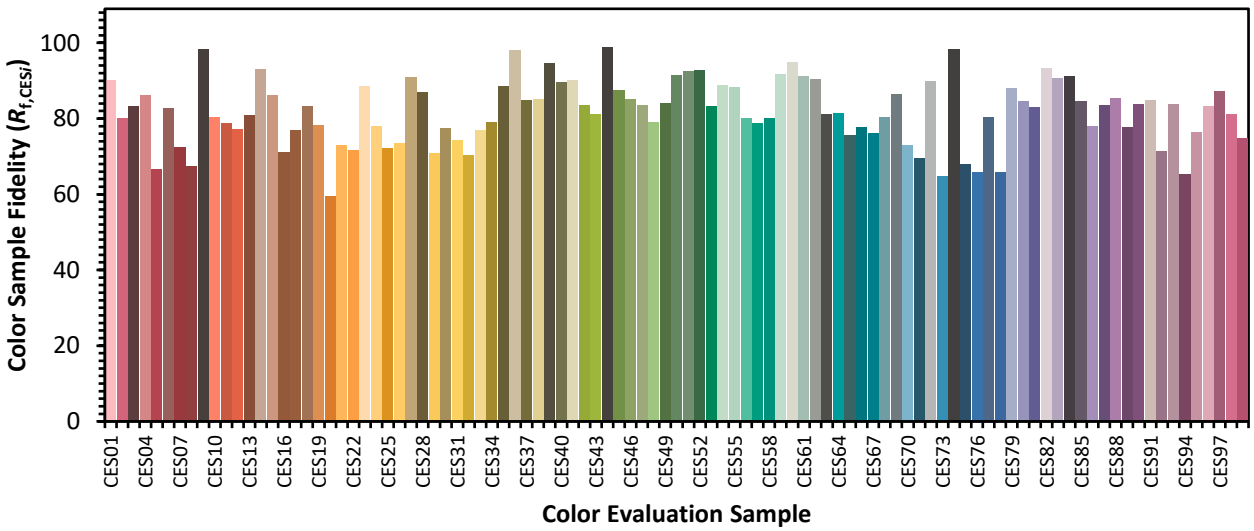
Individual Sample Fidelity Index ($R_{f,i}$)

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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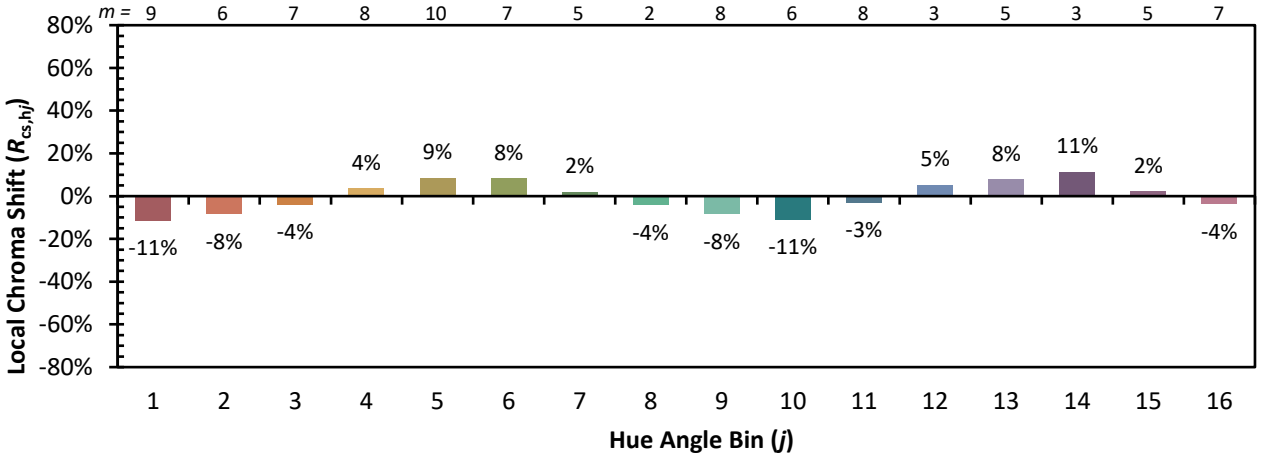
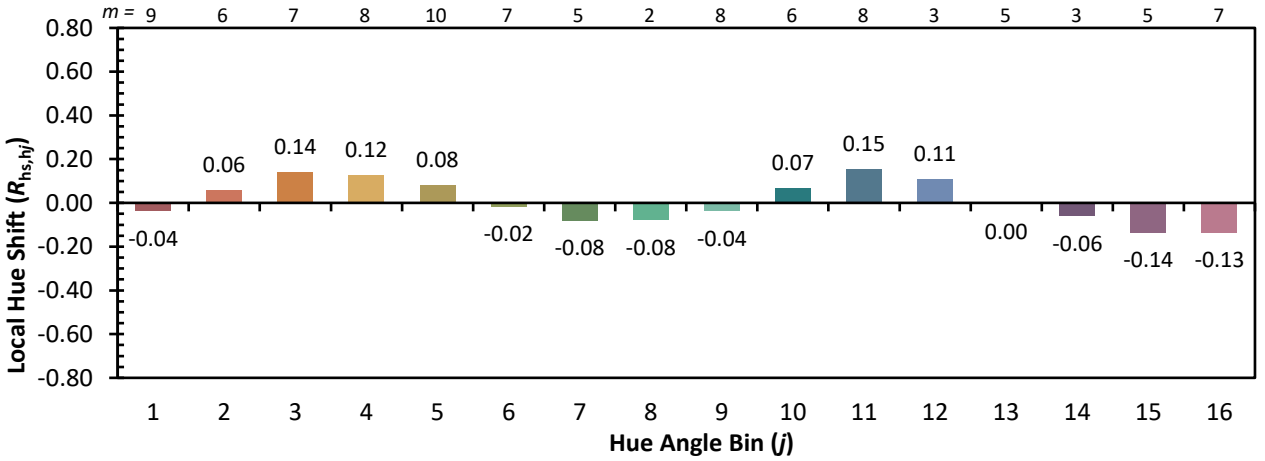
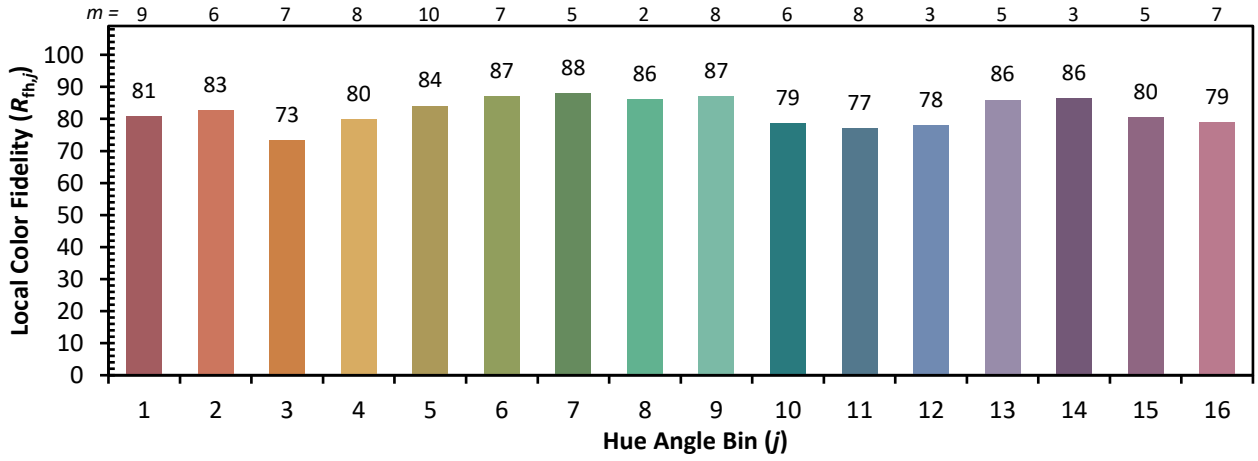
Color Rendition by Hue-Angle Bin







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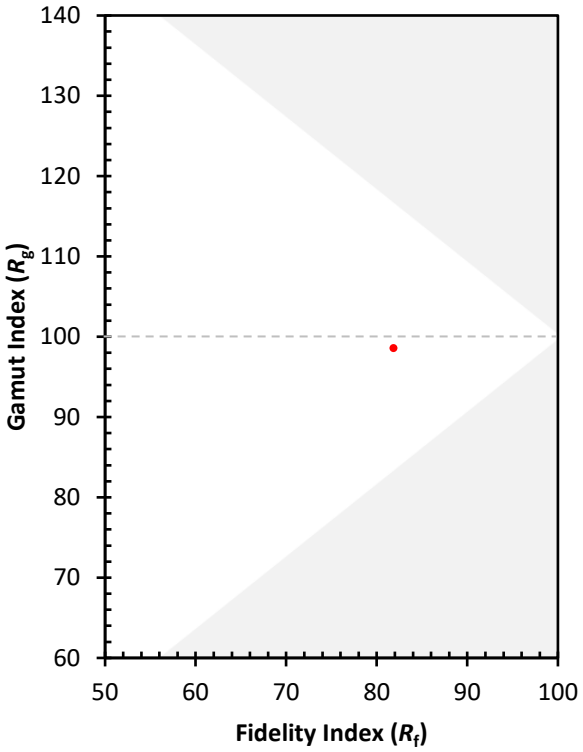
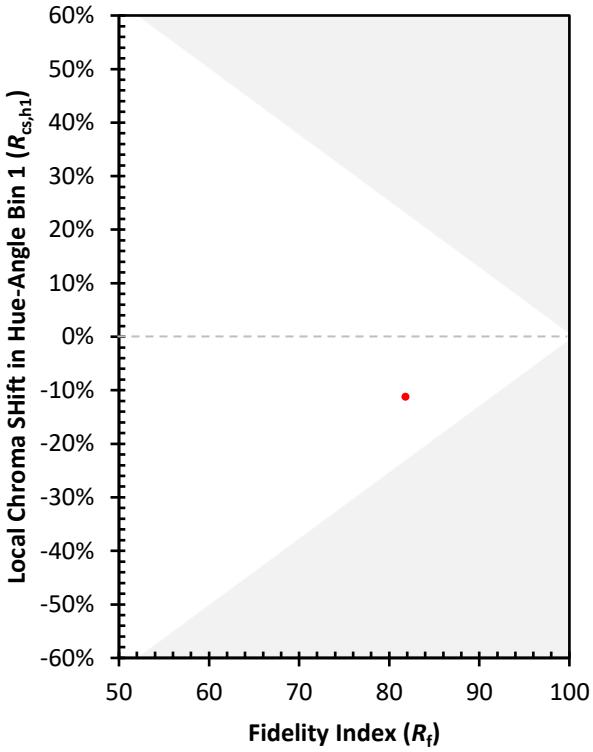
Measure Comparisons





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