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: P1456144

Luminaire Tested: GLAN-SB8B-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:	P1456144
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8B-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 8xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(208) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	42130.2 lumens
Efficiency:	N/A
Efficacy:	143.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	292.8
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: P1456144
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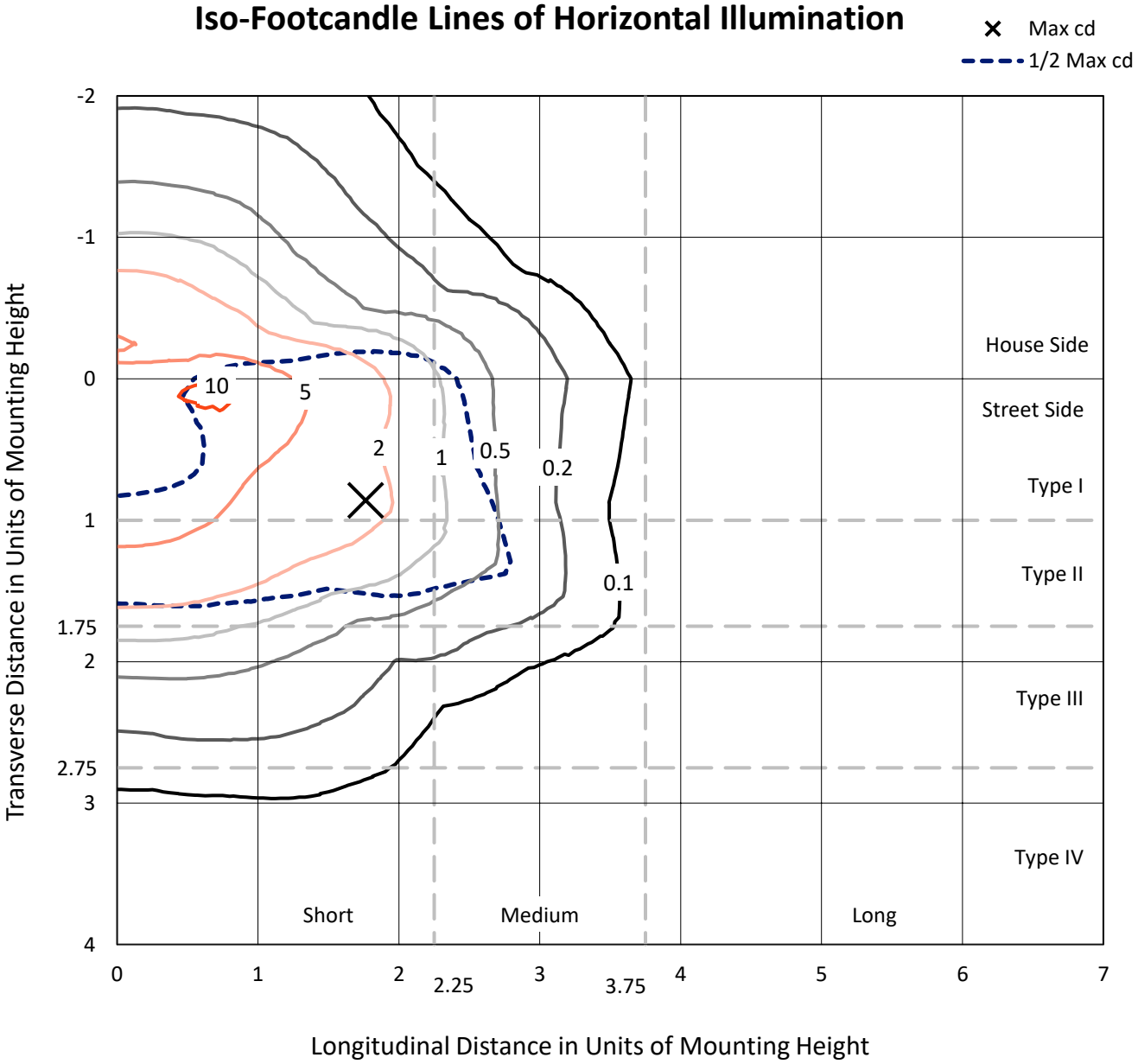
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 11 fc
Type II - Short - N/A

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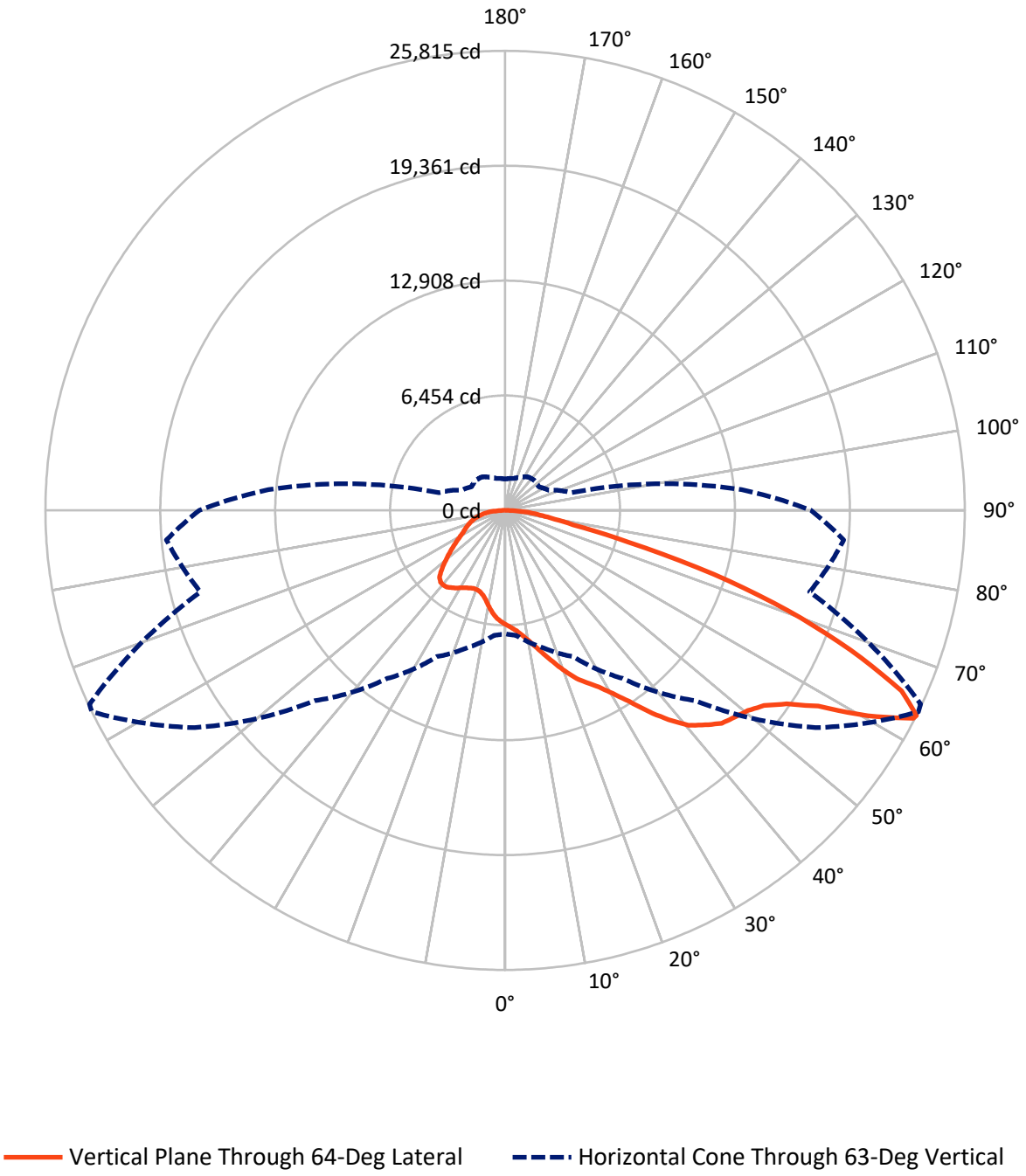
Luminous Intensity Polar Plot



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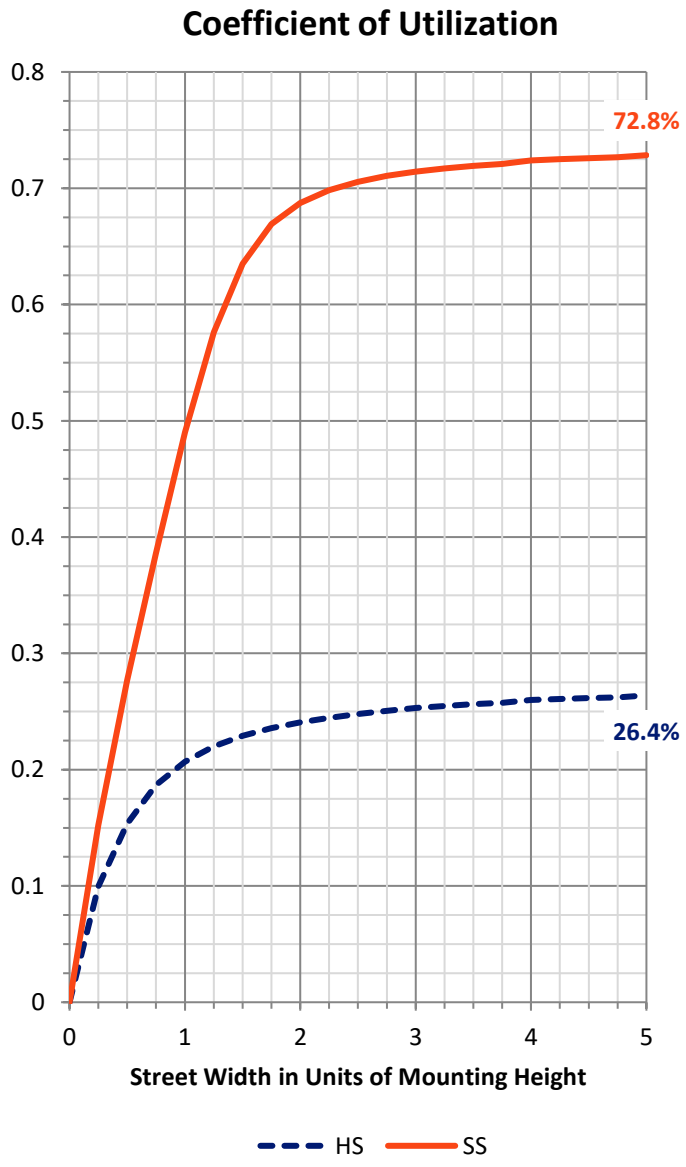
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11319.2	0.0	11319.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	30811.0	0.0	30811.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	42130.2	0.0	42130.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	589.1	1.4
10°-20°	1813.5	4.3
20°-30°	3316.2	7.9
30°-40°	5704.5	13.5
40°-50°	8412.5	20.0
50°-60°	10083.0	23.9
60°-70°	8092.6	19.2
70°-80°	3251.8	7.7
80°-90°	867.1	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°	42130.2	100.0
0°-180°	42130.2	100.0



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REPORT NUMBER: P1456144
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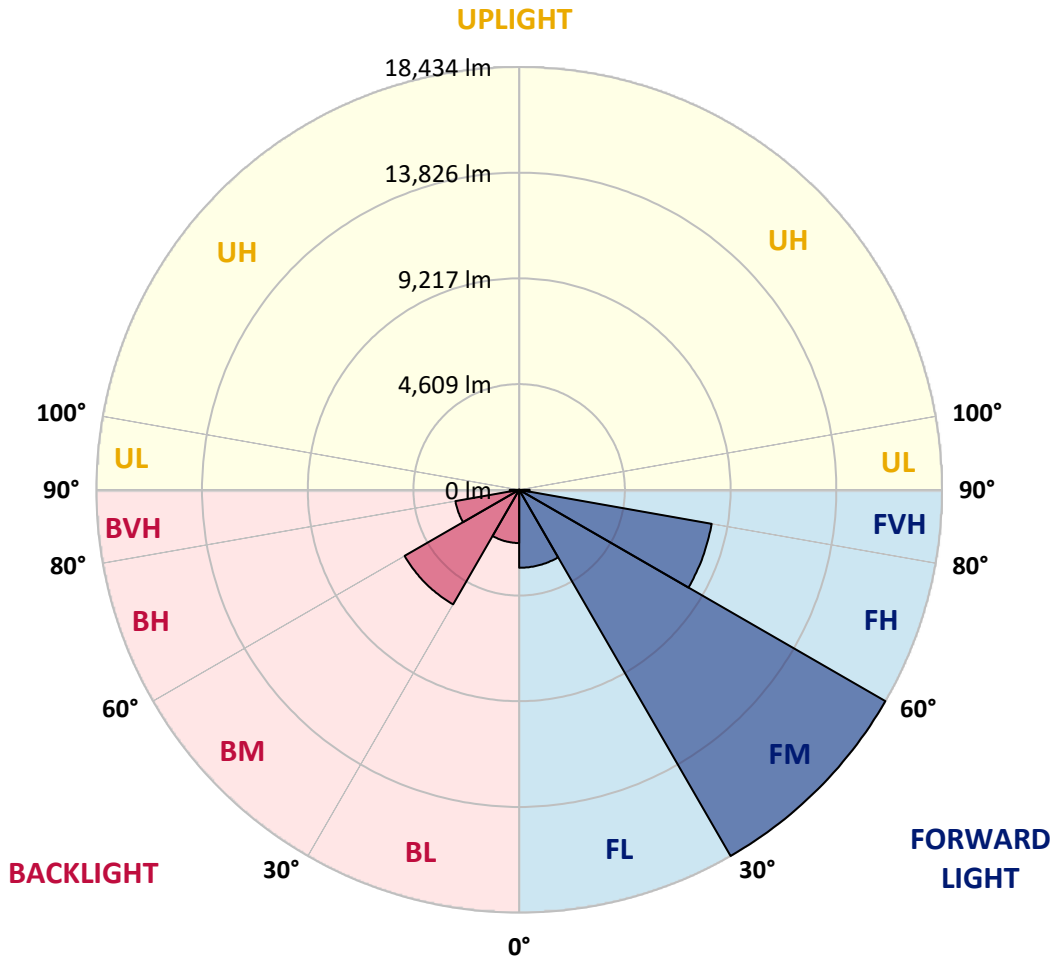
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3399.1	8.1			
FM	(30°-60°)	18434.2	43.8			
FH	(60°-80°)	8522.1	20.2			G4/12000
FVH	(80°-90°)	455.6	1.1			G3/500
BL	(0°-30°)	2319.7	5.5	B3/2500		
BM	(30°-60°)	5765.8	13.7	B4/8500		
BH	(60°-80°)	2822.2	6.7	B4/5000		G4/5000
BVH	(80°-90°)	411.5	1.0			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	6416.0	6416.0	6416.0	6416.0	6416.0	6416.0	6416.0	*6416.0*	6416.0	6416.0	6416.0
2.5°	6680.9	6690.4	6662.0	6652.5	6671.5	6633.6	6624.1	*6586.3*	6567.4	6529.5	6482.2
5°	6870.2	6879.6	6860.7	6860.7	6879.6	6851.3	6841.8	*6803.9*	6785.0	6747.2	6652.5
7.5°	6860.7	6870.2	6889.1	6964.8	7059.4	7097.3	7125.7	*7097.3*	7087.8	7031.1	6936.4
10°	6709.3	6718.8	6766.1	6879.6	7116.2	7286.6	7466.4	*7466.4*	7485.3	7438.0	7267.6
12.5°	6501.1	6510.6	6624.1	6803.9	7116.2	7409.6	7778.6	*7930.0*	7920.6	7892.2	7693.5
15°	5999.6	5999.6	6169.9	6510.6	7012.1	7494.7	8043.6	*8450.5*	8460.0	8488.4	8251.8
17.5°	5573.7	5583.2	5725.1	6028.0	6680.9	7447.4	8327.5	*9027.8*	9056.1	9217.0	8876.3
20°	5611.6	5611.6	5658.9	5791.4	6321.3	7258.2	8488.4	*9642.9*	9737.5	10116.0	9690.2
22.5°	5904.9	5904.9	5942.8	5933.3	6255.1	7135.1	8592.5	*10258.0*	10428.3	11213.7	10664.9
25°	6444.3	6434.9	6397.0	6340.2	6529.5	7267.6	8829.0	*10731.1*	11062.3	12425.0	11791.0
27.5°	7106.8	7087.8	7031.1	6936.4	7068.9	7665.1	9235.9	*11232.6*	11592.2	13749.8	12983.3
30°	7930.0	7873.3	7816.5	7693.5	7835.4	8318.0	9841.6	*11942.4*	12283.0	15254.4	14421.7
32.5°	8904.7	8971.0	8781.7	8611.4	8762.8	9207.6	10740.6	*12784.6*	13153.6	16825.3	15916.9
35°	10362.0	10560.8	10504.0	9642.9	9784.8	10276.9	11791.0	*13872.8*	14204.0	18254.2	17449.9
37.5°	11800.4	11753.1	11800.4	11081.2	10854.1	11450.3	12917.1	*14913.8*	15235.5	19418.2	18803.1
40°	12954.9	13096.9	13096.9	12510.2	12216.8	12614.3	13939.1	*15869.5*	16181.8	20061.7	19777.8
42.5°	14213.5	14232.4	14194.6	13683.6	13570.0	13674.1	14838.1	*16475.2*	16730.7	20392.9	20440.2
45°	15633.0	15623.5	15462.6	15036.8	14866.5	14771.8	15396.4	*17061.9*	17317.4	20544.3	20799.8
47.5°	16806.4	16853.7	16863.2	16408.9	16125.0	15718.1	15879.0	*17355.2*	17648.6	20374.0	20875.5
50°	16872.6	16948.3	17307.9	17440.4	17383.6	16730.7	16323.8	*17667.5*	17960.9	20411.8	21149.9
52.5°	16456.3	16532.0	16995.6	17544.5	18206.9	17894.6	17024.0	*18206.9*	18509.7	20780.9	21774.5
55°	15339.6	15462.6	16153.4	16919.9	18102.8	18547.6	18263.7	*19181.6*	19465.5	21074.2	22503.1
57.5°	13352.4	13503.8	14459.6	15680.3	17298.5	18396.2	20061.7	*20743.0*	20979.6	21282.4	22512.6
60°	9983.5	10106.5	11601.7	13248.3	15680.3	17449.9	21131.0	*23421.1*	23553.5	20156.3	21235.1
62.5°	7352.8	7475.8	8478.9	9661.8	12320.9	15708.7	21339.2	*25739.5*	25758.4	18121.8	19475.0
63°	*6927.0*	*7050.0*	*7958.4*	*9065.6*	*11526.0*	*15122.0*	*21273.0*	*25815.2*	*25749.0*	*17705.4*	*19087.0*
65°	5393.9	5611.6	6557.9	7400.1	8639.8	12037.0	20421.3	*24471.5*	24566.1	16475.2	17137.6
67.5°	3671.7	3832.5	5034.3	6009.0	6529.5	7665.1	16749.6	*20941.7*	21093.2	15197.7	13674.1
70°	2838.9	2914.6	3614.9	4759.9	5280.4	4873.5	10920.4	*16863.2*	16863.2	11866.7	9690.2
72.5°	2223.8	2252.2	2725.4	3719.0	4248.9	3747.4	6084.7	*12264.1*	11809.9	7040.5	6463.3
75°	1589.8	1627.6	2053.5	2772.7	3387.8	2952.5	3889.3	*7144.6*	6870.2	4050.2	4315.2
77.5°	1258.6	1277.5	1533.0	2044.0	2744.3	2252.2	2961.9	*3898.8*	3860.9	2848.4	2772.7
80°	993.6	1031.5	1201.8	1466.8	2119.7	1760.1	2204.9	*2574.0*	2498.2	1958.9	1779.1
82.5°	709.7	776.0	927.4	1116.6	1570.9	1258.6	1447.8	*1816.9*	1816.9	1476.2	1173.4
85°	435.3	492.1	548.9	690.8	1116.6	813.8	766.5	*1173.4*	1201.8	1107.2	757.0
87.5°	208.2	227.1	265.0	293.4	406.9	369.1	302.8	*444.8*	454.2	492.1	312.3
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: P1456144
CATALOG NUMBER: GLAN-SB8B-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6416.0	6416.0	6416.0	6416.0	6416.0	6416.0	6416.0	6416.0	6416.0	6416.0	6416.0
2.5°	6472.7	6453.8	6359.2	6264.5	6160.4	6065.8	5971.2	5895.5	5810.3	5829.2	5838.7
5°	6595.8	6548.4	6340.2	6094.2	5772.5	5469.6	5176.3	4968.1	4835.6	4797.8	4722.1
7.5°	6860.7	6747.2	6368.6	5848.2	5252.0	4778.8	4504.4	4381.4	4343.5	4353.0	4334.1
10°	7163.5	6993.2	6406.5	5554.8	4797.8	4476.0	4438.2	4513.9	4551.7	4589.6	4599.0
12.5°	7561.0	7286.6	6387.6	5233.1	4580.1	4523.3	4665.3	4807.2	4892.4	4949.2	4939.7
15°	8024.7	7655.6	6330.8	4968.1	4551.7	4703.1	4882.9	5043.8	5147.9	5204.7	5176.3
17.5°	8583.0	8090.9	6264.5	4797.8	4636.9	4816.7	5006.0	5166.8	5280.4	5318.2	5289.8
20°	9273.8	8583.0	6151.0	4722.1	4703.1	4864.0	5034.3	5185.8	5280.4	5318.2	5280.4
22.5°	10087.6	9169.7	6056.4	4722.1	4731.5	4864.0	4987.0	5100.6	5185.8	5214.1	5166.8
25°	11128.6	9851.0	6018.5	4797.8	4741.0	4816.7	4882.9	4949.2	4996.5	5015.4	4996.5
27.5°	12188.4	10636.5	6037.4	4892.4	4731.5	4750.5	4750.5	4759.9	4769.4	4778.8	4769.4
30°	13409.2	11431.4	6113.1	5015.4	4750.5	4655.8	4627.4	4570.7	4523.3	4485.5	4447.6
32.5°	14592.0	12188.4	6245.6	5195.2	4731.5	4551.7	4495.0	4353.0	4220.5	4107.0	4107.0
35°	15869.5	12973.9	6482.2	5327.7	4712.6	4457.1	4296.2	4135.4	3993.4	3832.5	3832.5
37.5°	16967.3	13645.7	6671.5	5479.1	4693.7	4343.5	4088.0	3908.2	3756.8	3596.0	3577.0
40°	17733.8	14033.7	6785.0	5535.9	4627.4	4192.1	3889.3	3662.2	3444.6	3226.9	3217.4
42.5°	18102.8	14014.8	6718.8	5517.0	4504.4	4002.9	3719.0	3416.2	3122.8	2924.1	2905.2
45°	18301.6	13891.8	6463.3	5356.1	4305.7	3804.1	3501.3	3179.6	2886.2	2706.4	2668.6
47.5°	18263.7	13588.9	6113.1	4958.6	4040.7	3586.5	3283.7	2952.5	2715.9	2611.8	2611.8
50°	18367.8	13352.4	5715.7	4504.4	3681.1	3331.0	3085.0	2782.1	2640.2	2507.7	2460.4
52.5°	18831.5	13551.1	5375.0	4078.6	3340.5	3085.0	2914.6	2659.1	2479.3	2394.2	2365.8
55°	19446.6	13976.9	5053.3	3700.1	3009.3	2867.3	2782.1	2545.6	2337.4	2252.2	2204.9
57.5°	19560.1	14270.3	4741.0	3331.0	2734.8	2697.0	2668.6	2346.8	2176.5	2110.3	2072.4
60°	18774.7	14052.6	4334.1	2999.8	2517.2	2536.1	2460.4	2223.8	2025.1	1958.9	1921.0
62.5°	17440.4	13484.9	3927.2	2715.9	2346.8	2384.7	2309.0	2072.4	1873.7	1807.4	1788.5
63°	*17175.4*	*13333.4*	*3832.5*	*2687.5*	*2309.0*	*2356.3*	*2290.1*	*2053.5*	*1854.8*	*1788.5*	*1760.1*
65°	15595.1	12425.0	3501.3	2536.1	2186.0	2186.0	2195.4	1958.9	1788.5	1760.1	1741.2
67.5°	12718.3	10371.5	3141.7	2356.3	2053.5	2081.9	2129.2	1996.7	1930.5	1911.5	1892.6
70°	9614.5	7807.0	2829.5	2186.0	1911.5	2006.2	2327.9	2271.1	2025.1	1854.8	1816.9
72.5°	6813.4	5318.2	2555.0	2015.6	1741.2	1977.8	2413.1	2167.0	1826.4	1627.6	1589.8
75°	4561.2	3425.6	2280.6	1835.8	1551.9	1826.4	2280.6	1977.8	1589.8	1542.5	1485.7
77.5°	2867.3	2441.5	2006.2	1627.6	1343.8	1627.6	2072.4	1760.1	1372.1	1391.1	1305.9
80°	1750.7	1741.2	1684.4	1381.6	1078.8	1296.4	1741.2	1485.7	1097.7	1097.7	974.7
82.5°	1040.9	1258.6	1428.9	1145.0	785.4	927.4	1258.6	1116.6	917.9	889.5	832.7
85°	700.3	851.7	1135.6	880.1	501.5	567.8	870.6	936.8	842.2	738.1	690.8
87.5°	255.5	340.7	520.5	359.6	217.7	340.7	653.0	681.3	511.0	397.4	359.6
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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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

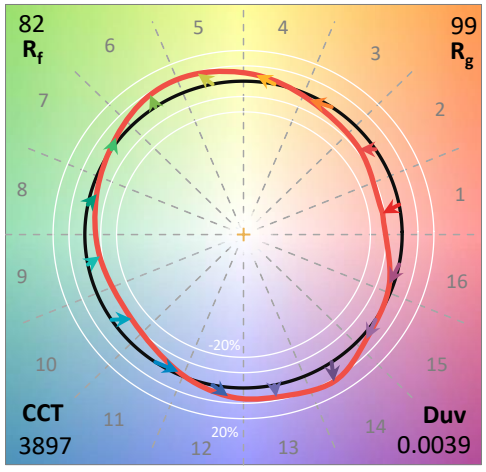
Test Information

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

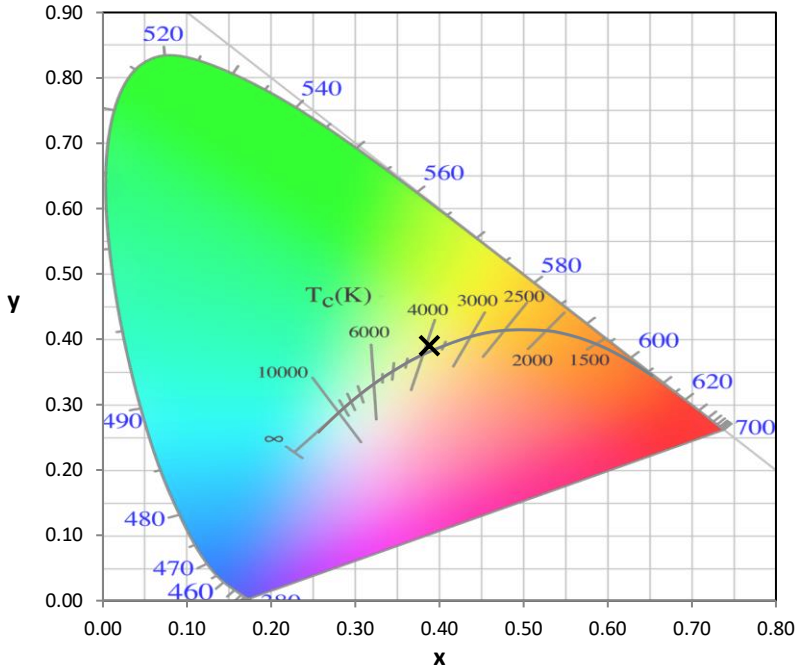
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

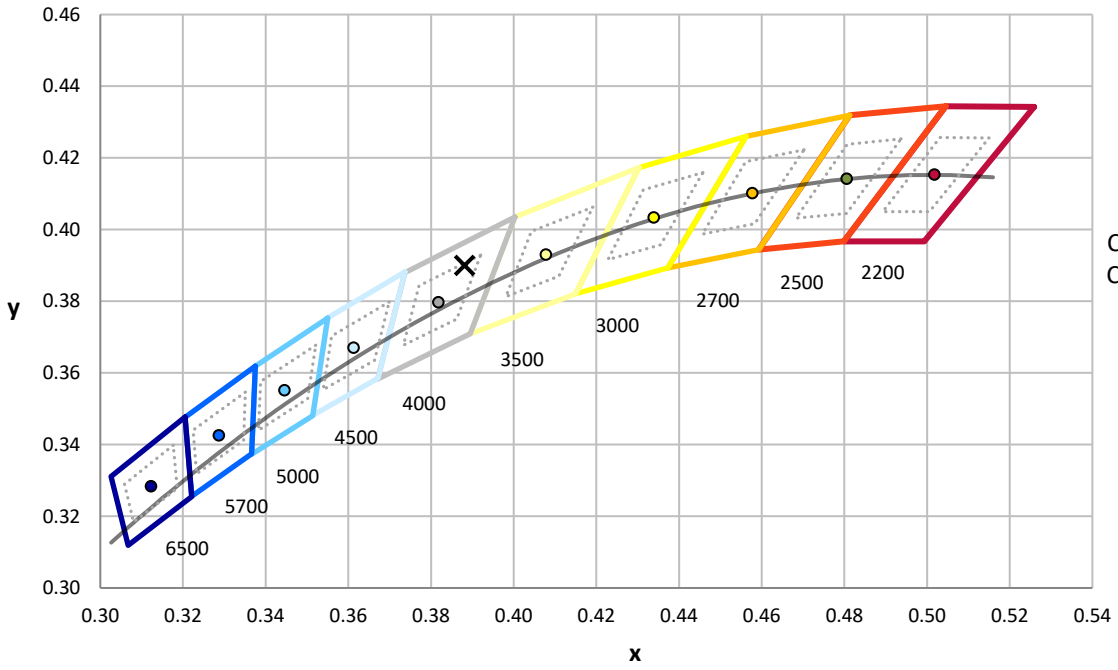
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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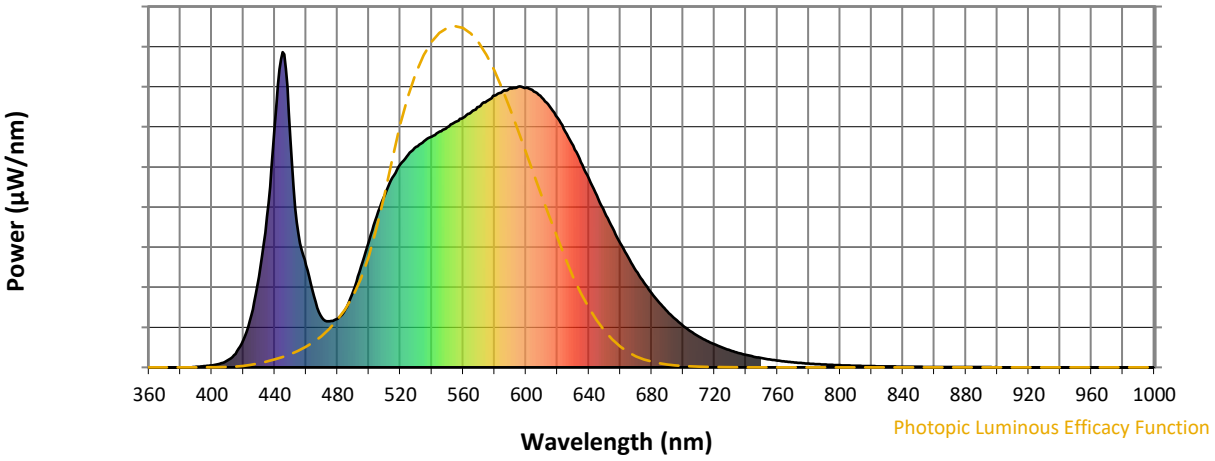
Photopic Flux vs. Wavelength



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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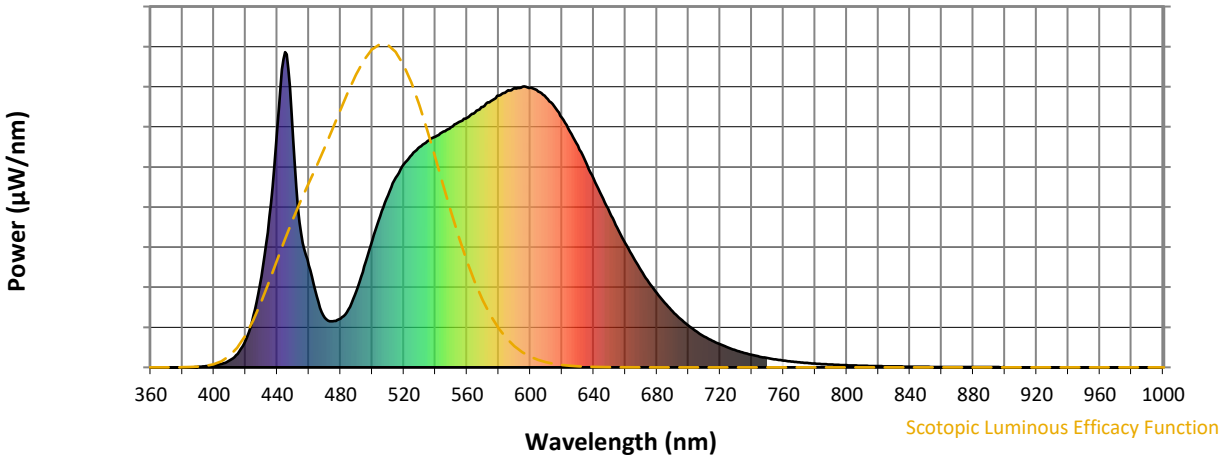
Scotopic Flux vs. Wavelength



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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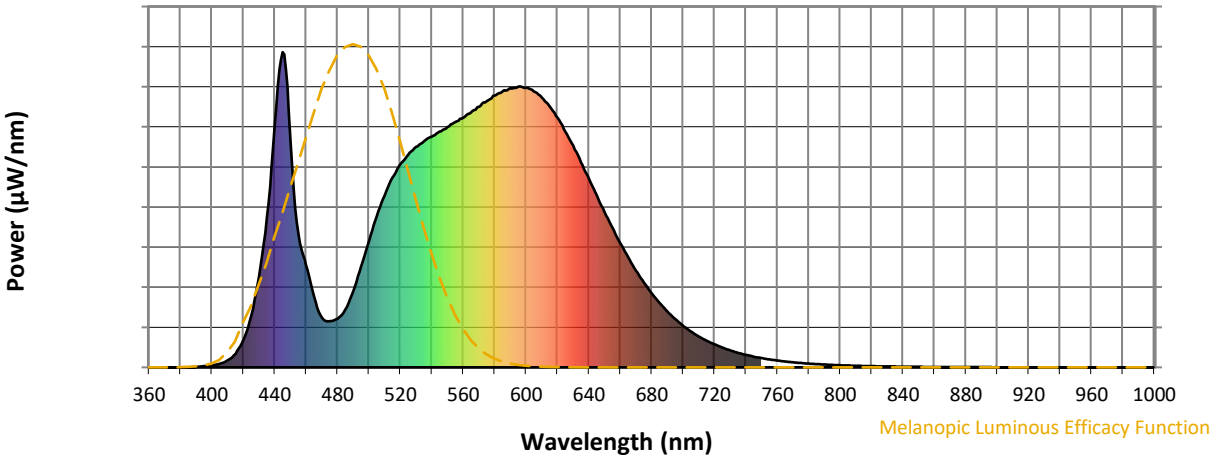
Melanopic Flux vs. Wavelength



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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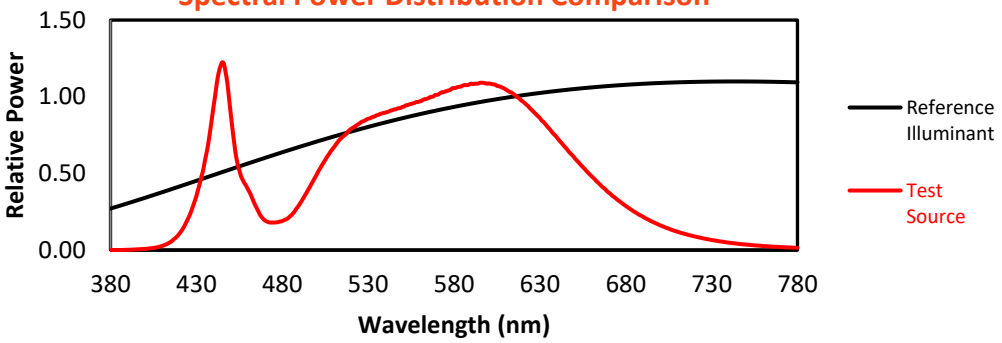
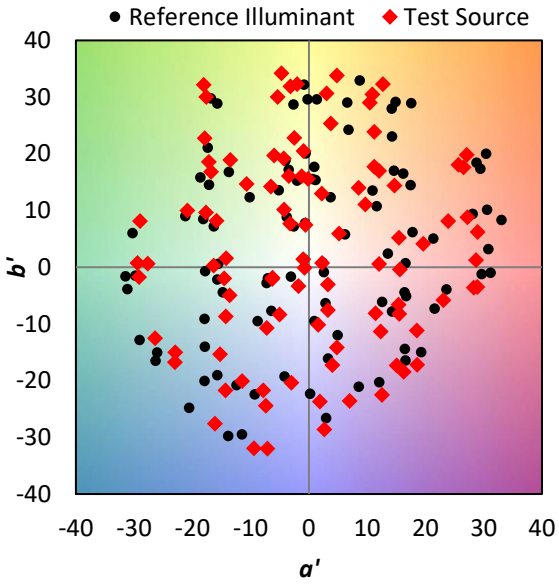
Summary

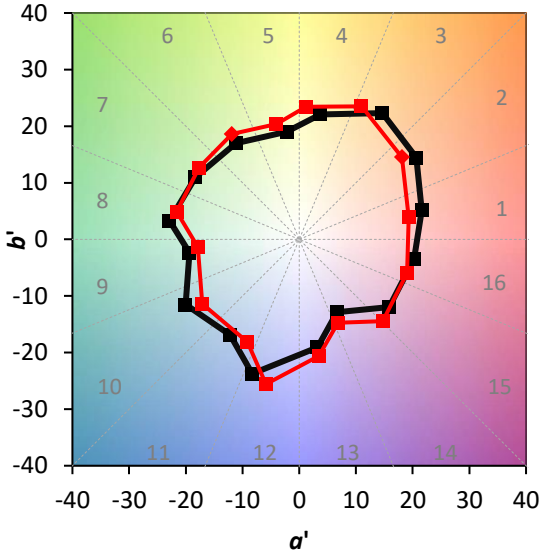
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

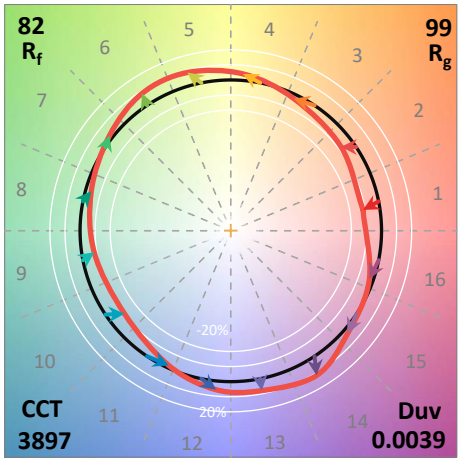
Spectral Power Distribution Comparison

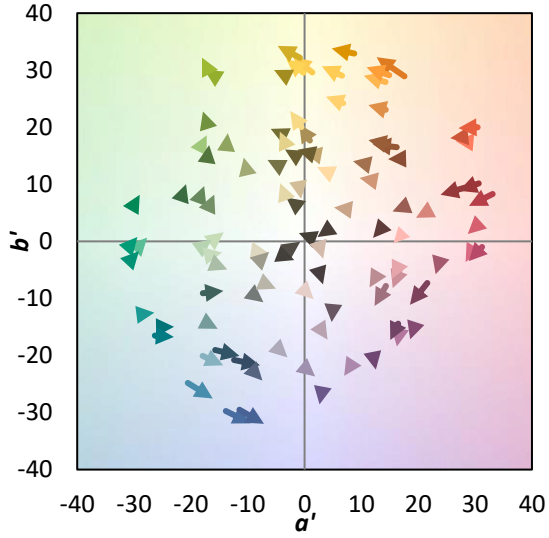


Color Vector Graphics









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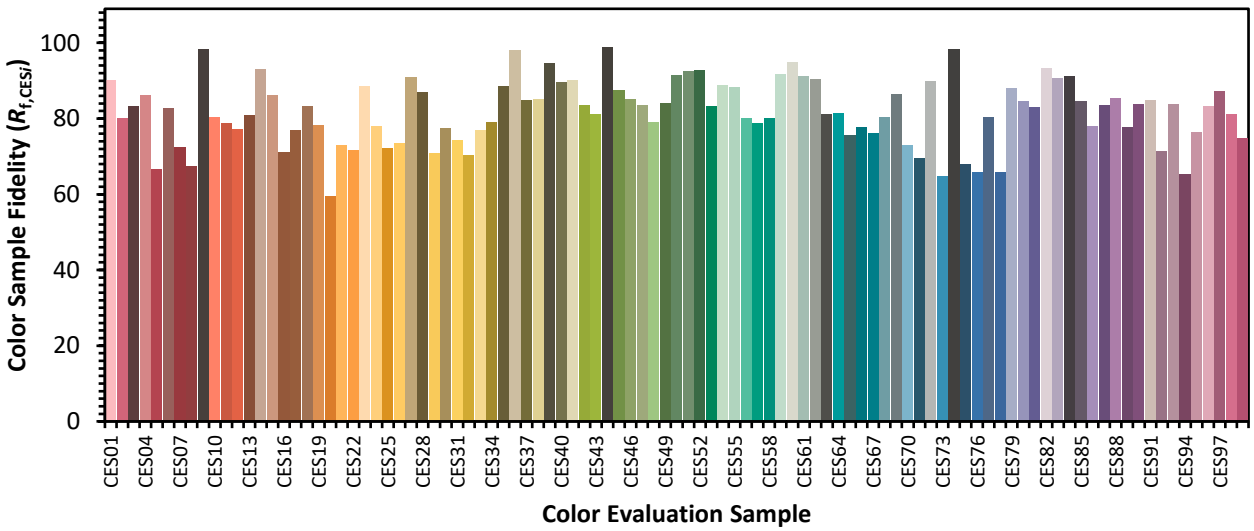
Individual Sample Fidelity Index ($R_{f,i}$)

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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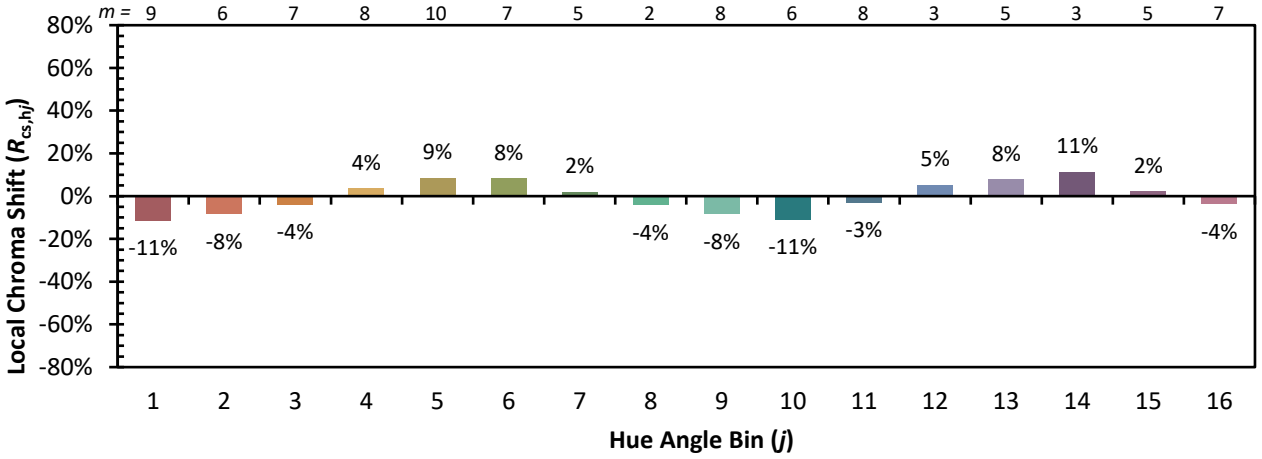
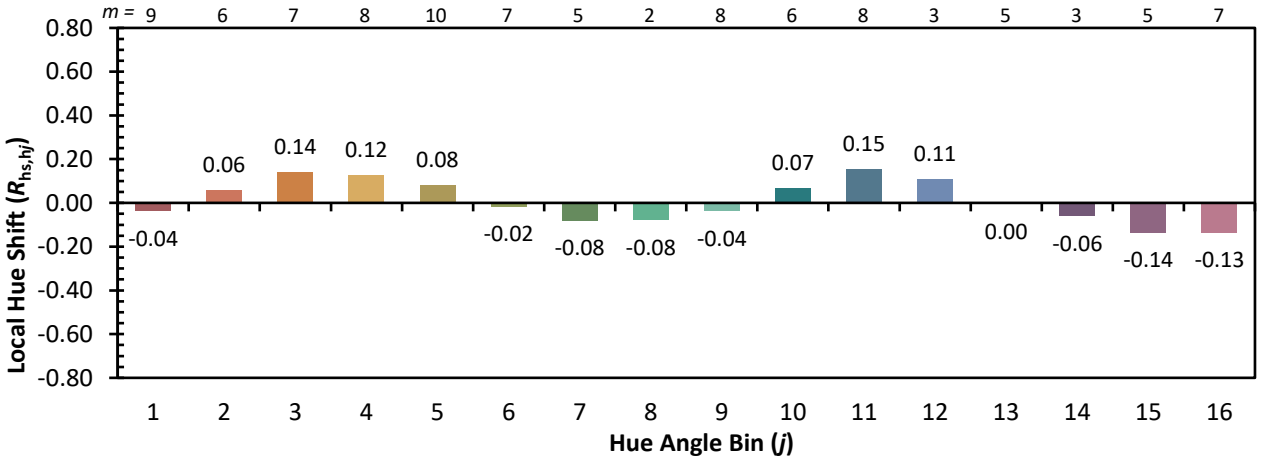
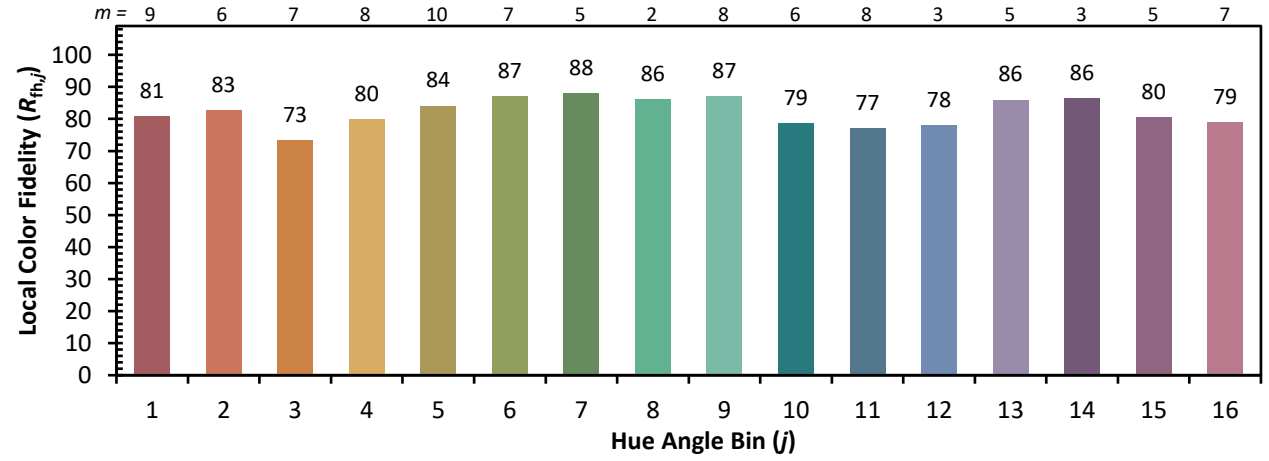
Color Rendition by Hue-Angle Bin







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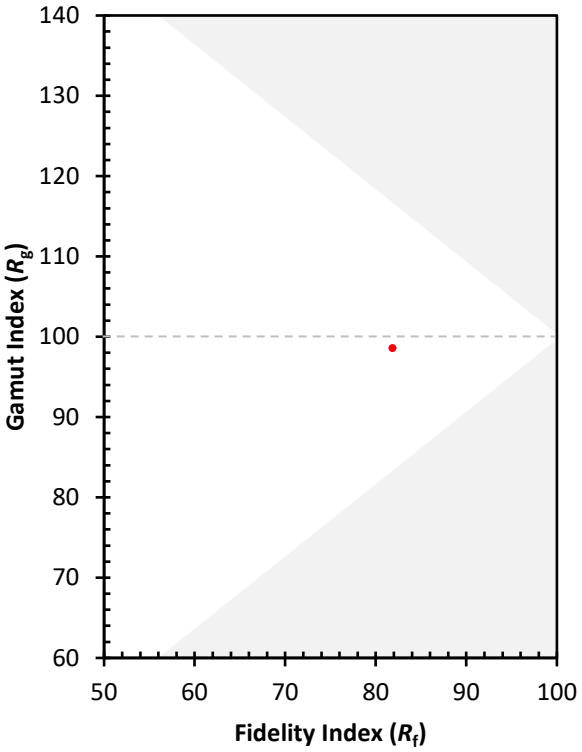
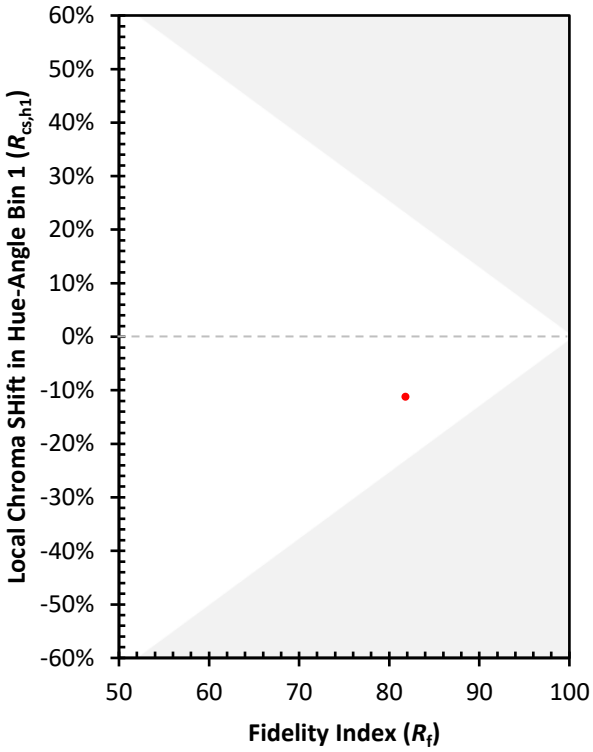
Measure Comparisons





(END OF REPORT)