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: P1456134

Luminaire Tested: GLAN-SB5D-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:	P1456134
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5D-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	47560.8 lumens
Efficiency:	N/A
Efficacy:	130.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	364.9
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: P1456134
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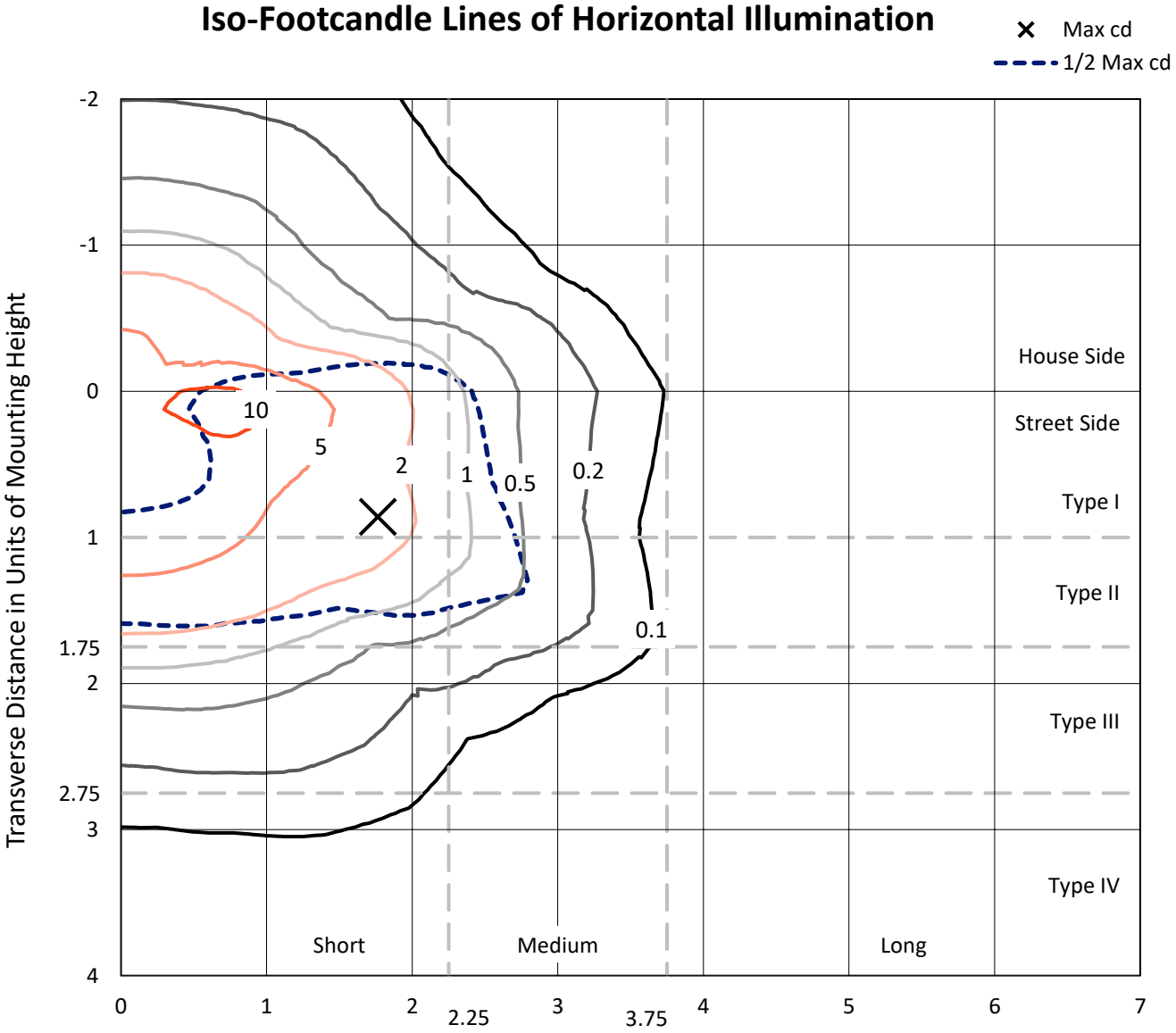
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 12.4 fc
Type II - Short - N/A

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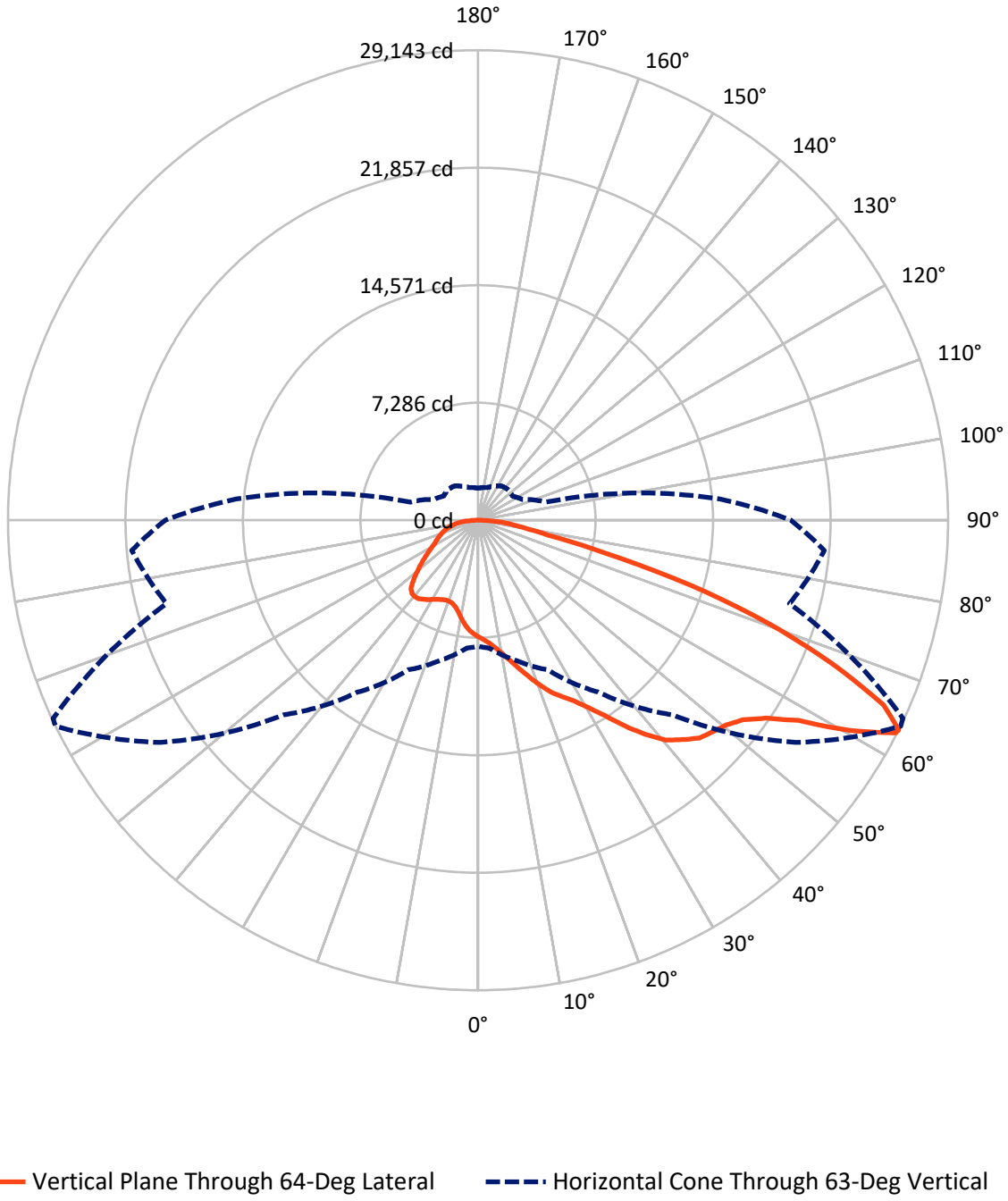
Luminous Intensity Polar Plot



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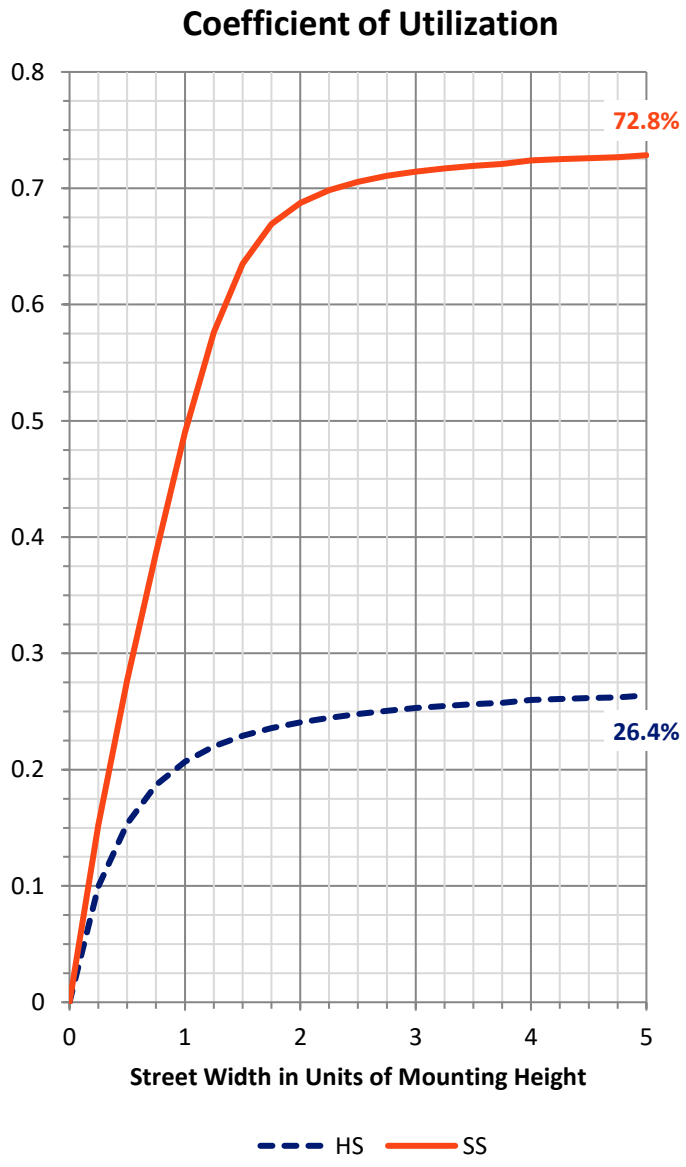
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12778.2	0.0	12778.2
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	34782.5	0.0	34782.5
	% Fixture	73.1	0.0	73.1
Total	Lumens	47560.8	0.0	47560.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	665.0	1.4
10°-20°	2047.3	4.3
20°-30°	3743.7	7.9
30°-40°	6439.8	13.5
40°-50°	9496.9	20.0
50°-60°	11382.6	23.9
60°-70°	9135.7	19.2
70°-80°	3671.0	7.7
80°-90°	978.9	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°	47560.8	100.0
0°-180°	47560.8	100.0



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REPORT NUMBER: P1456134
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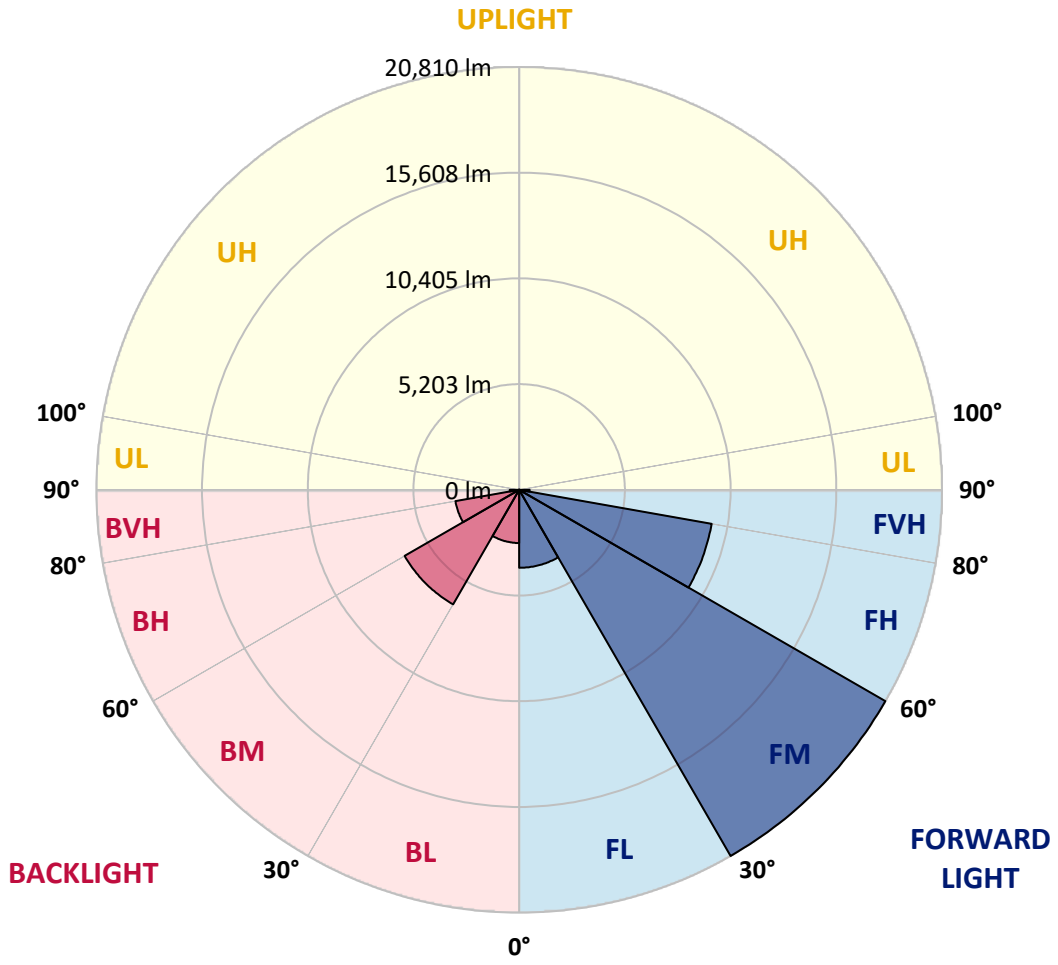
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3837.2	8.1			
FM	(30°-60°)	20810.4	43.8			
FH	(60°-80°)	9620.6	20.2			G4/12000
FVH	(80°-90°)	514.3	1.1			G4/750
BL	(0°-30°)	2618.7	5.5	B4/5000		
BM	(30°-60°)	6509.0	13.7	B4/8500		
BH	(60°-80°)	3186.0	6.7	B4/5000		G4/5000
BVH	(80°-90°)	464.6	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°	7243.0	7243.0	7243.0	7243.0	7243.0	7243.0	7243.0	*7243.0*	7243.0	7243.0	7243.0
2.5°	7542.1	7552.8	7520.7	7510.0	7531.4	7488.7	7478.0	*7435.3*	7413.9	7371.2	7317.7
5°	7755.7	7766.4	7745.1	7745.1	7766.4	7734.4	7723.7	*7681.0*	7659.6	7616.9	7510.0
7.5°	7745.1	7755.7	7777.1	7862.6	7969.4	8012.1	8044.2	*8012.1*	8001.4	7937.3	7830.5
10°	7574.1	7584.8	7638.2	7766.4	8033.5	8225.8	8428.8	*8428.8*	8450.1	8396.7	8204.4
12.5°	7339.1	7349.8	7478.0	7681.0	8033.5	8364.7	8781.3	*8952.2*	8941.5	8909.5	8685.1
15°	6772.9	6772.9	6965.2	7349.8	7916.0	8460.8	9080.4	*9539.8*	9550.5	9582.5	9315.4
17.5°	6292.2	6302.9	6463.1	6805.0	7542.1	8407.4	9400.9	*10191.4*	10223.5	10405.1	10020.5
20°	6334.9	6334.9	6388.3	6537.9	7136.1	8193.7	9582.5	*10885.8*	10992.6	11420.0	10939.2
22.5°	6666.1	6666.1	6708.8	6698.1	7061.4	8054.9	9700.0	*11580.2*	11772.5	12659.2	12039.6
25°	7275.0	7264.3	7221.6	7157.5	7371.2	8204.4	9967.1	*12114.3*	12488.2	14026.6	13310.8
27.5°	8022.8	8001.4	7937.3	7830.5	7980.1	8653.1	10426.4	*12680.5*	13086.5	15522.2	14656.9
30°	8952.2	8888.1	8824.0	8685.1	8845.4	9390.2	11110.2	*13481.7*	13866.3	17220.7	16280.6
32.5°	10052.5	10127.3	9913.7	9721.4	9892.3	10394.4	12125.0	*14432.5*	14849.1	18994.1	17968.5
35°	11697.7	11922.0	11857.9	10885.8	11046.1	11601.6	13310.8	*15661.0*	16034.9	20607.2	19699.2
37.5°	13321.5	13268.1	13321.5	12509.6	12253.2	12926.2	14582.1	*16836.2*	17199.4	21921.2	21226.8
40°	14624.8	14785.0	14785.0	14122.7	13791.5	14240.2	15735.8	*17915.1*	18267.7	22647.6	22327.1
42.5°	16045.6	16067.0	16024.3	15447.4	15319.2	15436.7	16750.7	*18598.8*	18887.3	23021.5	23074.9
45°	17648.0	17637.4	17455.8	16975.0	16782.7	16675.9	17381.0	*19261.2*	19549.6	23192.4	23480.9
47.5°	18972.7	19026.1	19036.8	18524.0	18203.6	17744.2	17925.8	*19592.3*	19923.5	23000.1	23566.3
50°	19047.5	19133.0	19538.9	19688.5	19624.4	18887.3	18427.9	*19944.9*	20276.0	23042.9	23876.1
52.5°	18577.5	18662.9	19186.4	19806.0	20553.8	20201.2	19218.4	*20553.8*	20895.6	23459.5	24581.2
55°	17316.9	17455.8	18235.6	19100.9	20436.3	20938.4	20617.9	*21654.1*	21974.6	23790.7	25403.8
57.5°	15073.5	15244.4	16323.4	17701.5	19528.2	20767.4	22647.6	*23416.8*	23683.8	24025.7	25414.5
60°	11270.4	11409.3	13097.2	14956.0	17701.5	19699.2	23854.8	*26440.0*	26589.6	22754.4	23972.3
62.5°	8300.6	8439.4	9571.8	10907.2	13909.1	17733.5	24089.8	*29057.3*	29078.7	20457.6	21985.3
63°	*7819.8*	*7958.7*	*8984.3*	*10234.2*	*13011.7*	*17071.2*	*24015.0*	*29142.8*	*29068.0*	*19987.6*	*21547.3*
65°	6089.2	6334.9	7403.2	8354.0	9753.4	13588.6	23053.6	*27625.8*	27732.6	18598.8	19346.6
67.5°	4144.9	4326.5	5683.3	6783.6	7371.2	8653.1	18908.6	*23641.1*	23812.0	17156.6	15436.7
70°	3204.9	3290.3	4080.8	5373.5	5961.0	5501.7	12328.0	*19036.8*	19036.8	13396.3	10939.2
72.5°	2510.5	2542.5	3076.7	4198.4	4796.6	4230.4	6869.1	*13845.0*	13332.2	7948.0	7296.4
75°	1794.7	1837.4	2318.2	3130.1	3824.5	3333.0	4390.6	*8065.5*	7755.7	4572.3	4871.4
77.5°	1420.8	1442.2	1730.6	2307.5	3098.0	2542.5	3343.7	*4401.3*	4358.6	3215.5	3130.1
80°	1121.7	1164.4	1356.7	1655.8	2393.0	1987.0	2489.1	*2905.7*	2820.3	2211.3	2008.4
82.5°	801.2	876.0	1046.9	1260.6	1773.4	1420.8	1634.5	*2051.1*	2051.1	1666.5	1324.7
85°	491.4	555.5	619.6	779.8	1260.6	918.7	865.3	*1324.7*	1356.7	1249.9	854.6
87.5°	235.0	256.4	299.1	331.2	459.4	416.6	341.9	*502.1*	512.8	555.5	352.5
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: P1456134
CATALOG NUMBER: GLAN-SB5D-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7243.0	7243.0	7243.0	7243.0	7243.0	7243.0	7243.0	7243.0	7243.0	7243.0	7243.0
2.5°	7307.1	7285.7	7178.9	7072.0	6954.5	6847.7	6740.9	6655.4	6559.3	6580.6	6591.3
5°	7445.9	7392.5	7157.5	6879.7	6516.5	6174.7	5843.5	5608.5	5458.9	5416.2	5330.7
7.5°	7745.1	7616.9	7189.5	6602.0	5929.0	5394.8	5085.0	4946.2	4903.4	4914.1	4892.7
10°	8086.9	7894.6	7232.3	6270.8	5416.2	5053.0	5010.3	5095.7	5138.4	5181.2	5191.9
12.5°	8535.6	8225.8	7210.9	5907.6	5170.5	5106.4	5266.6	5426.9	5523.0	5587.1	5576.4
15°	9059.0	8642.4	7146.8	5608.5	5138.4	5309.4	5512.3	5694.0	5811.5	5875.6	5843.5
17.5°	9689.3	9133.8	7072.0	5416.2	5234.6	5437.6	5651.2	5832.8	5961.0	6003.8	5971.7
20°	10469.2	9689.3	6943.8	5330.7	5309.4	5491.0	5683.3	5854.2	5961.0	6003.8	5961.0
22.5°	11387.9	10351.7	6837.0	5330.7	5341.4	5491.0	5629.9	5758.0	5854.2	5886.2	5832.8
25°	12563.0	11120.8	6794.3	5416.2	5352.1	5437.6	5512.3	5587.1	5640.5	5661.9	5640.5
27.5°	13759.5	12007.5	6815.6	5523.0	5341.4	5362.8	5362.8	5373.5	5384.1	5394.8	5384.1
30°	15137.6	12904.9	6901.1	5661.9	5362.8	5256.0	5223.9	5159.8	5106.4	5063.7	5020.9
32.5°	16472.9	13759.5	7050.7	5864.9	5341.4	5138.4	5074.3	4914.1	4764.5	4636.4	4636.4
35°	17915.1	14646.2	7317.7	6014.4	5320.1	5031.6	4850.0	4668.4	4508.2	4326.5	4326.5
37.5°	19154.3	15404.7	7531.4	6185.4	5298.7	4903.4	4615.0	4412.0	4241.1	4059.5	4038.1
40°	20019.6	15842.6	7659.6	6249.5	5223.9	4732.5	4390.6	4134.3	3888.6	3642.8	3632.2
42.5°	20436.3	15821.3	7584.8	6228.1	5085.0	4518.8	4198.4	3856.5	3525.3	3301.0	3279.6
45°	20660.6	15682.4	7296.4	6046.5	4860.7	4294.5	3952.6	3589.4	3258.3	3055.3	3012.6
47.5°	20617.9	15340.6	6901.1	5597.8	4561.6	4048.8	3706.9	3333.0	3066.0	2948.5	2948.5
50°	20735.4	15073.5	6452.4	5085.0	4155.6	3760.4	3482.6	3140.8	2980.5	2831.0	2777.5
52.5°	21258.8	15297.8	6067.9	4604.3	3771.0	3482.6	3290.3	3001.9	2798.9	2702.8	2670.7
55°	21953.2	15778.5	5704.6	4177.0	3397.1	3236.9	3140.8	2873.7	2638.7	2542.5	2489.1
57.5°	22081.4	16109.7	5352.1	3760.4	3087.3	3044.6	3012.6	2649.3	2457.1	2382.3	2339.5
60°	21194.7	15864.0	4892.7	3386.5	2841.6	2863.0	2777.5	2510.5	2286.1	2211.3	2168.6
62.5°	19688.5	15223.0	4433.4	3066.0	2649.3	2692.1	2606.6	2339.5	2115.2	2040.4	2019.1
63°	*19389.3*	*15052.1*	*4326.5*	*3033.9*	*2606.6*	*2660.0*	*2585.2*	*2318.2*	*2093.8*	*2019.1*	*1987.0*
65°	17605.3	14026.6	3952.6	2863.0	2467.7	2467.7	2478.4	2211.3	2019.1	1987.0	1965.6
67.5°	14357.7	11708.4	3546.7	2660.0	2318.2	2350.2	2403.6	2254.1	2179.3	2157.9	2136.6
70°	10853.8	8813.3	3194.2	2467.7	2157.9	2264.8	2628.0	2563.9	2286.1	2093.8	2051.1
72.5°	7691.6	6003.8	2884.4	2275.4	1965.6	2232.7	2724.1	2446.4	2061.8	1837.4	1794.7
75°	5149.1	3867.2	2574.6	2072.5	1752.0	2061.8	2574.6	2232.7	1794.7	1741.3	1677.2
77.5°	3236.9	2756.2	2264.8	1837.4	1517.0	1837.4	2339.5	1987.0	1549.0	1570.4	1474.2
80°	1976.3	1965.6	1901.5	1559.7	1217.8	1463.5	1965.6	1677.2	1239.2	1239.2	1100.3
82.5°	1175.1	1420.8	1613.1	1292.6	886.7	1046.9	1420.8	1260.6	1036.2	1004.2	940.1
85°	790.5	961.5	1281.9	993.5	566.2	641.0	982.8	1057.6	950.8	833.3	779.8
87.5°	288.4	384.6	587.6	405.9	245.7	384.6	737.1	769.2	576.9	448.7	405.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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

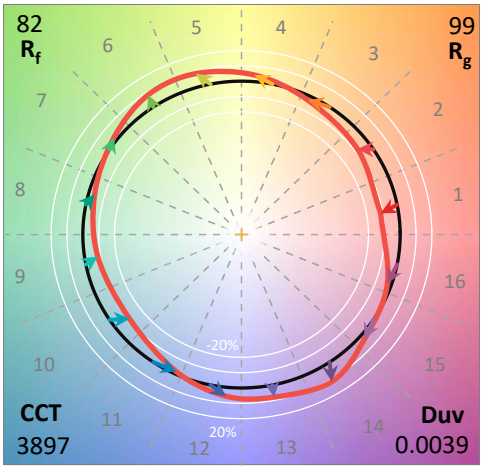
Test Information

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

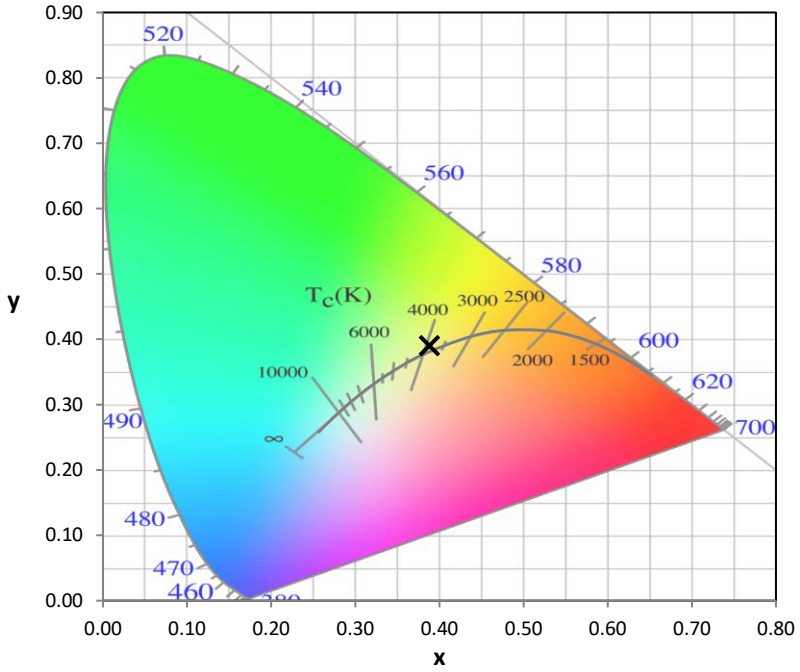
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

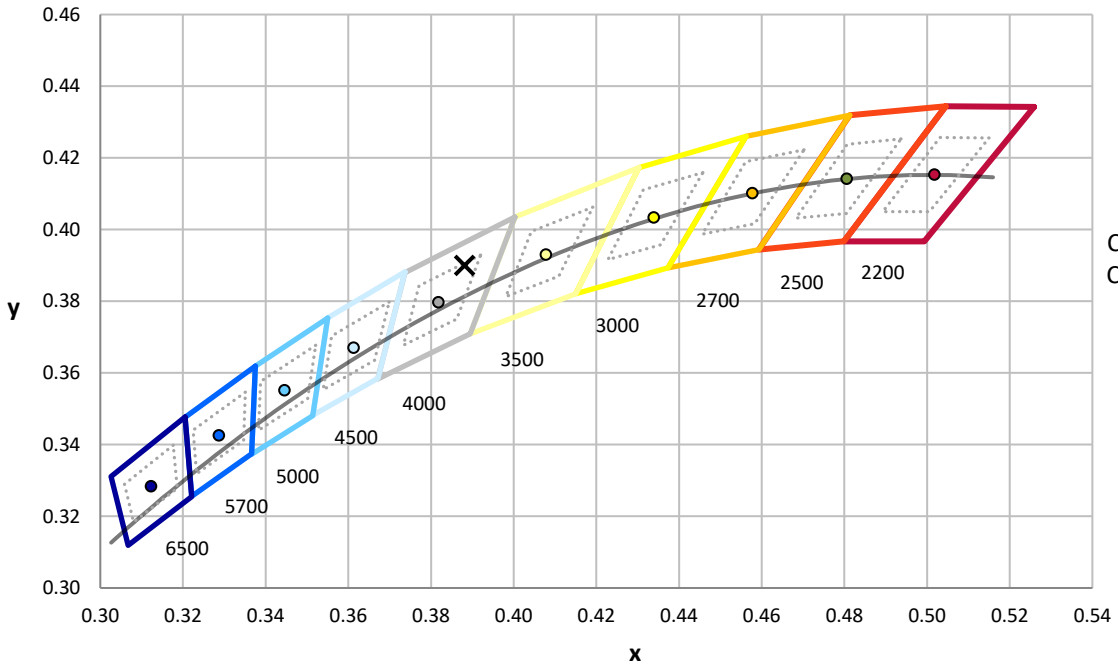
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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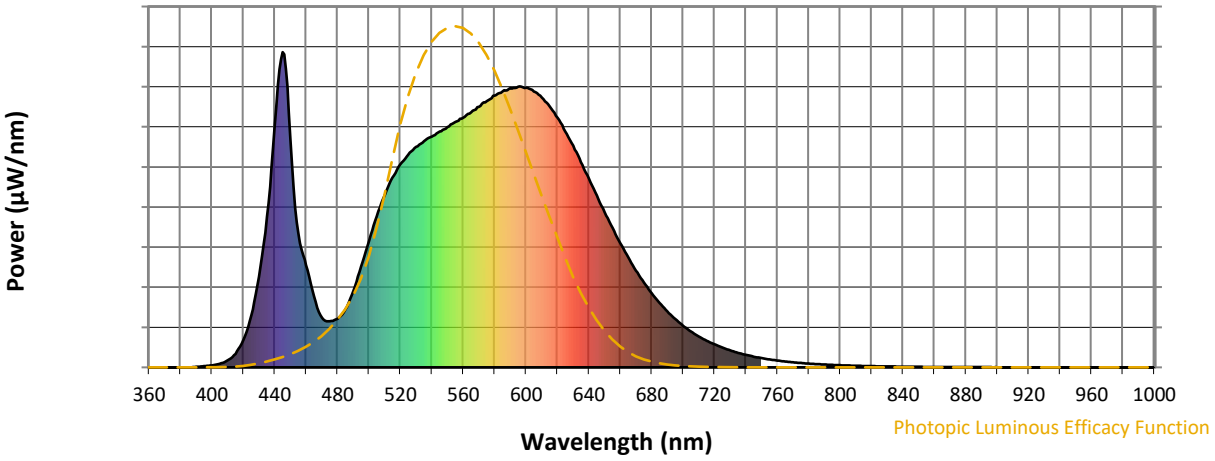
Photopic Flux vs. Wavelength



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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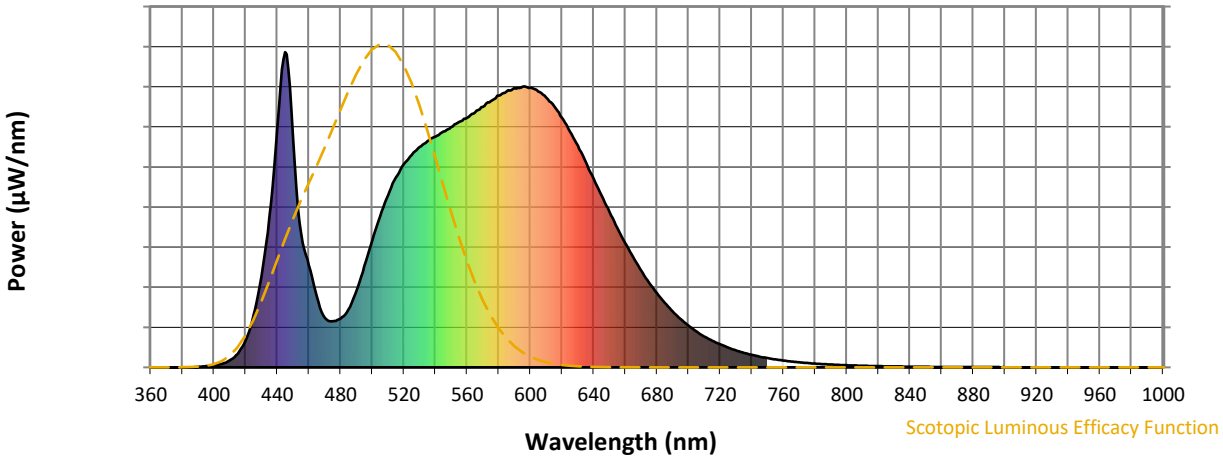
Scotopic Flux vs. Wavelength



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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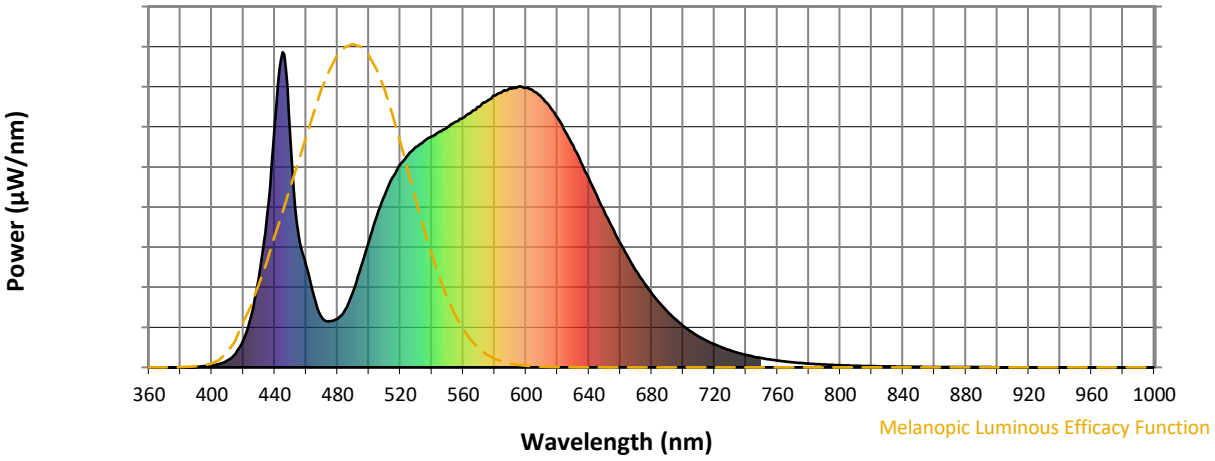
Melanopic Flux vs. Wavelength



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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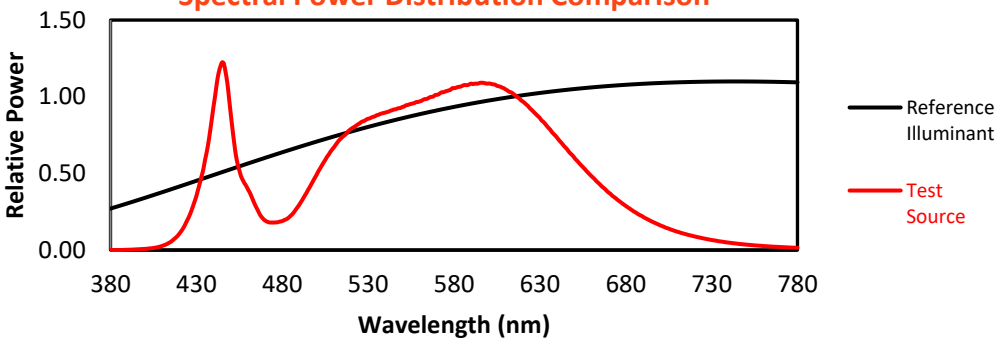
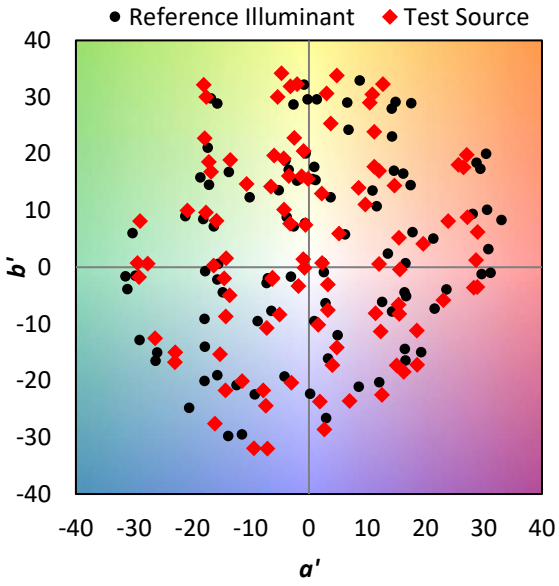
Summary

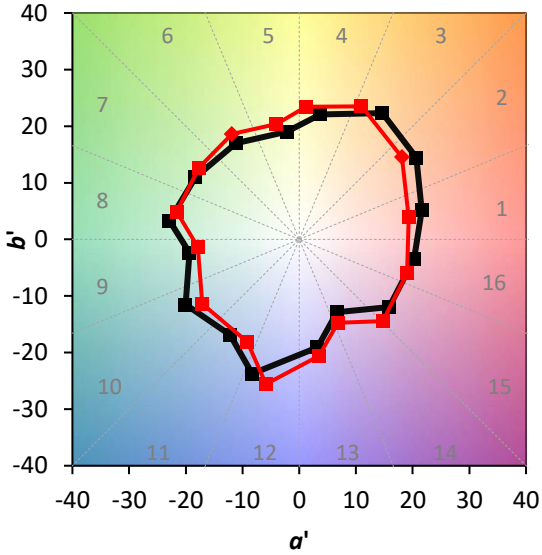
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

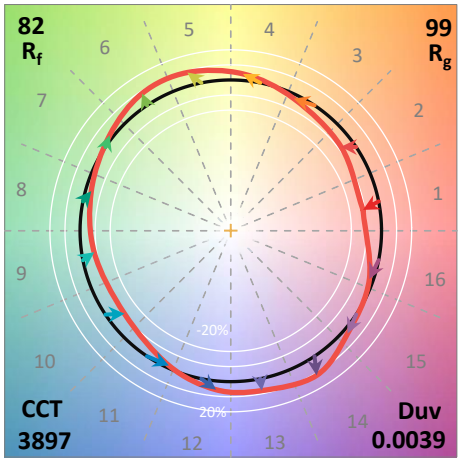
Spectral Power Distribution Comparison

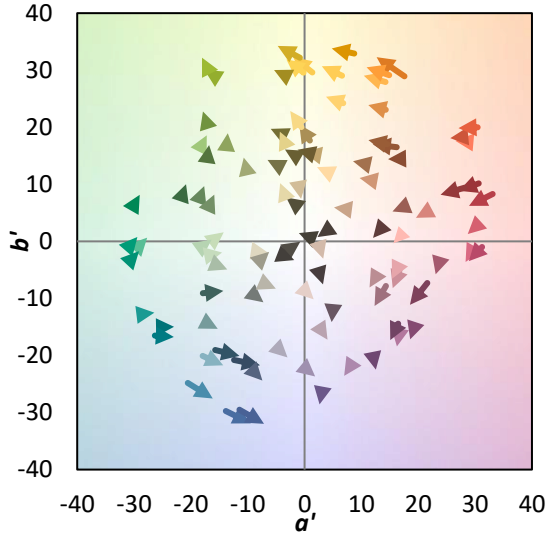


Color Vector Graphics









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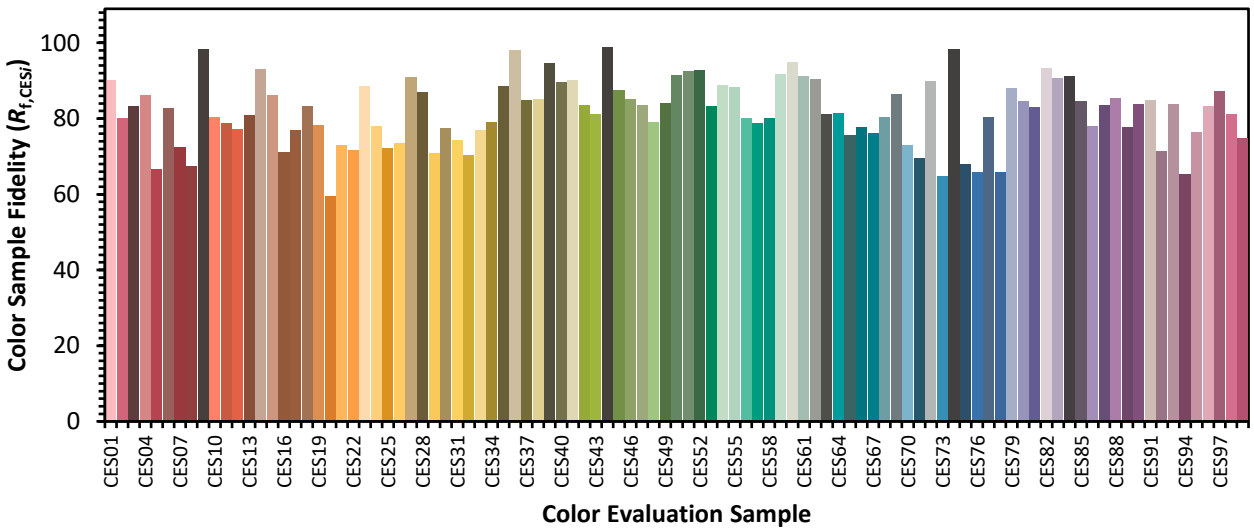
Individual Sample Fidelity Index ($R_{f,i}$)

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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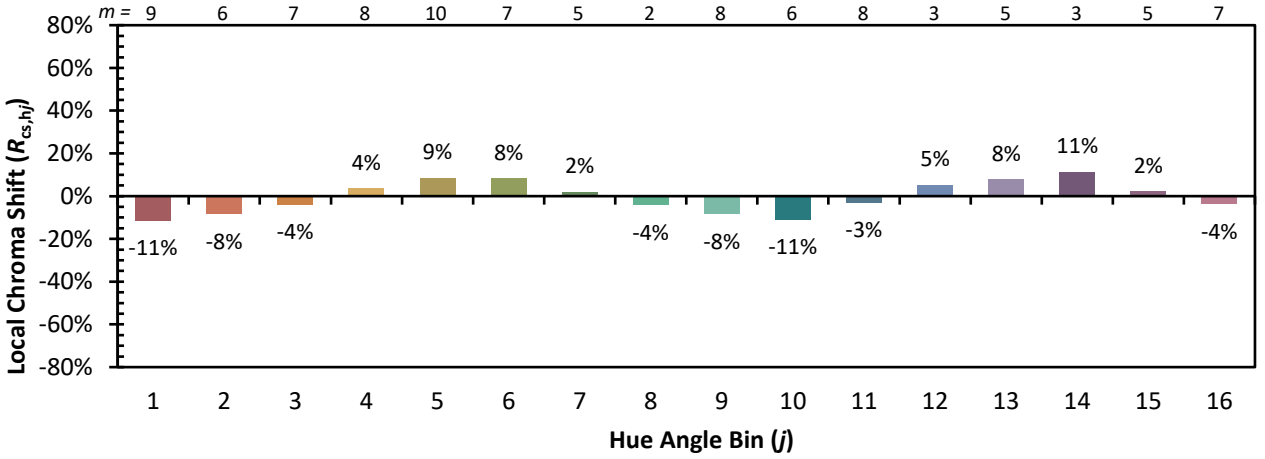
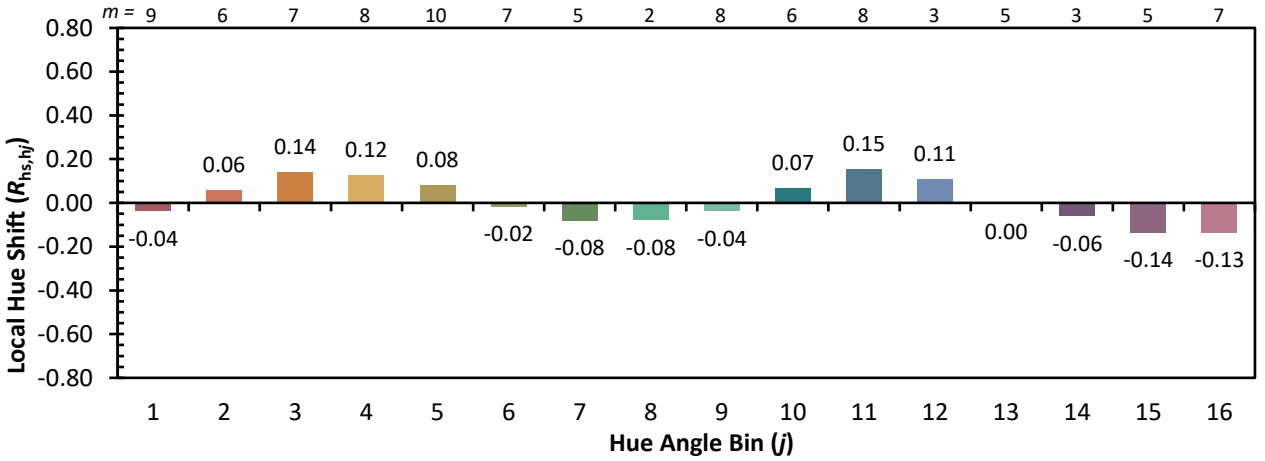
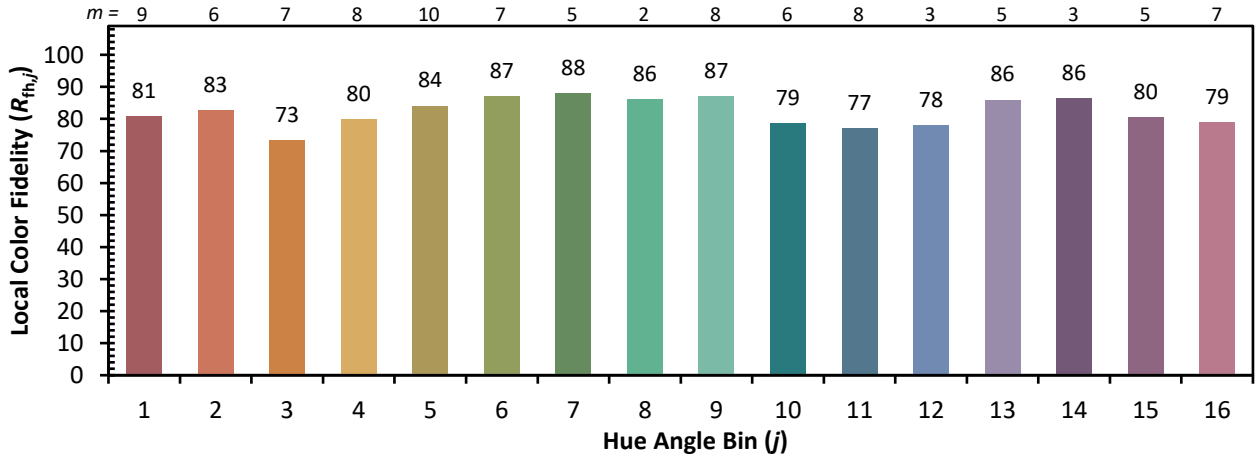
Color Rendition by Hue-Angle Bin







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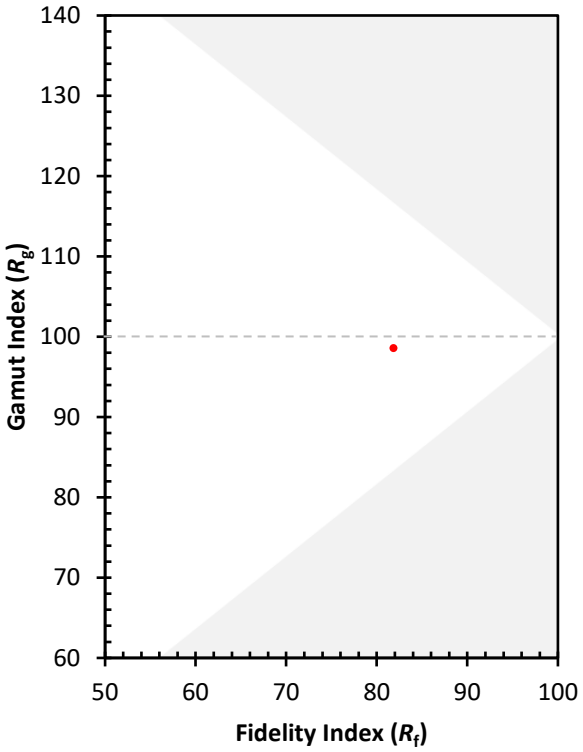
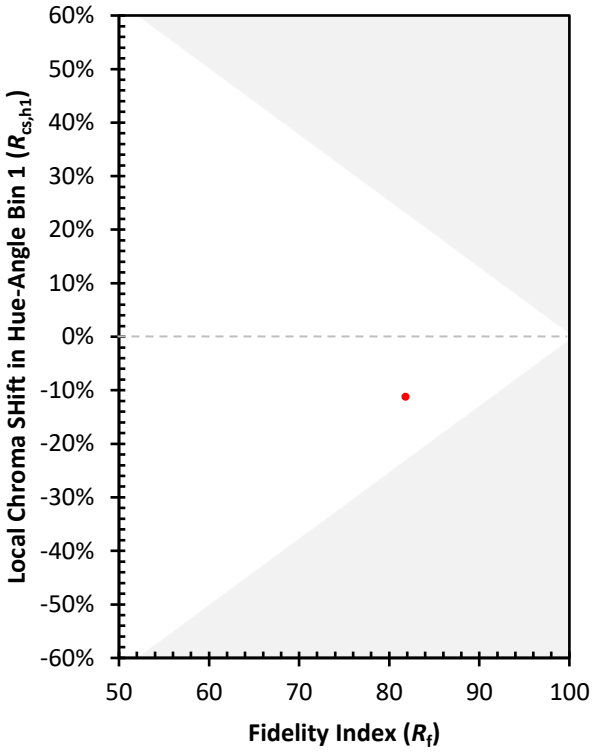
Measure Comparisons





(END OF REPORT)