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: P1457294

Luminaire Tested: GLAN-SB7D-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:	P1457294
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7D-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(182) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	67737.1 lumens
Efficiency:	N/A
Efficacy:	132.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G5

Input Watts (W):	512.8
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: P1457294
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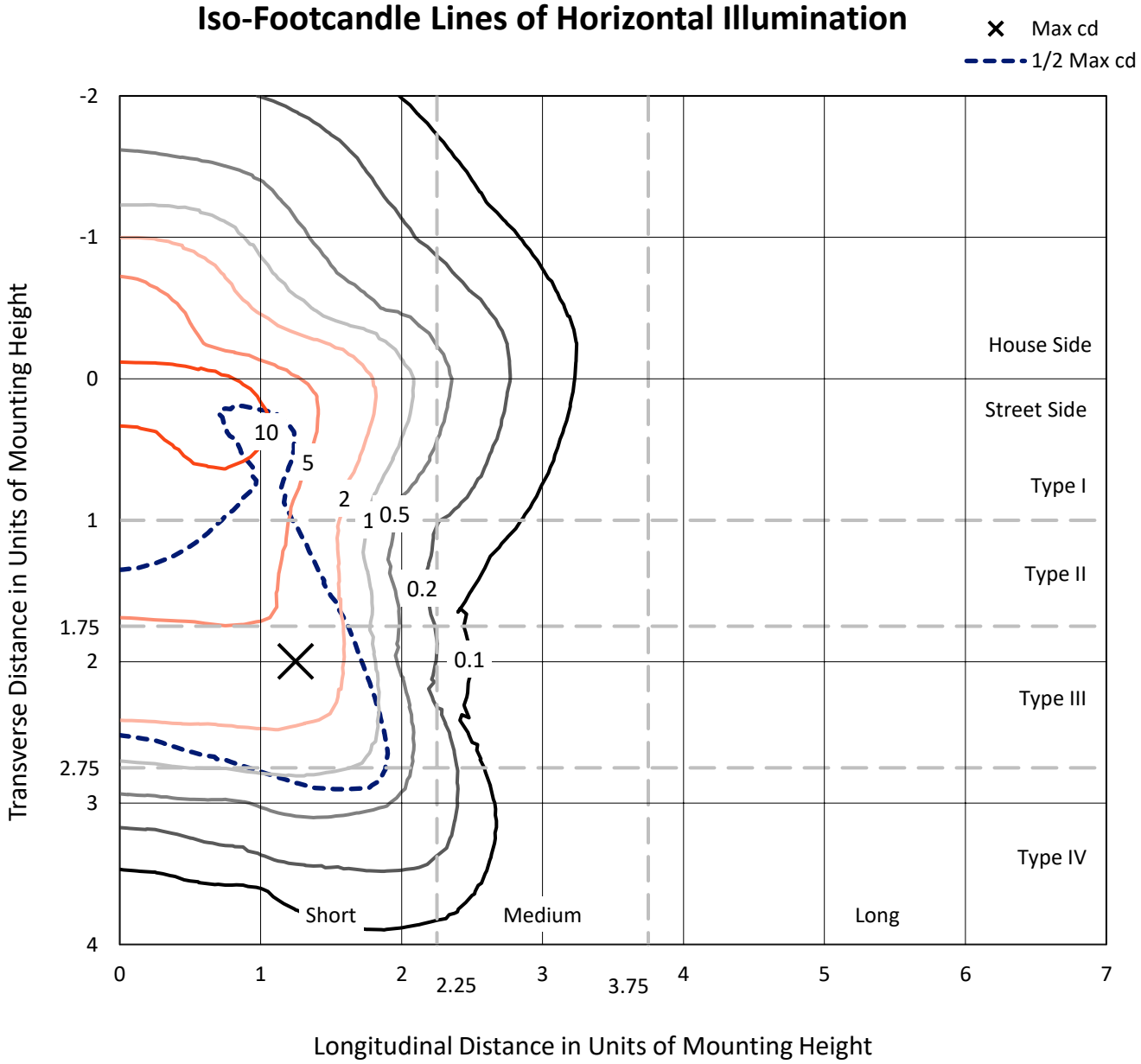
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 18.6 fc
Type IV - Short - N/A

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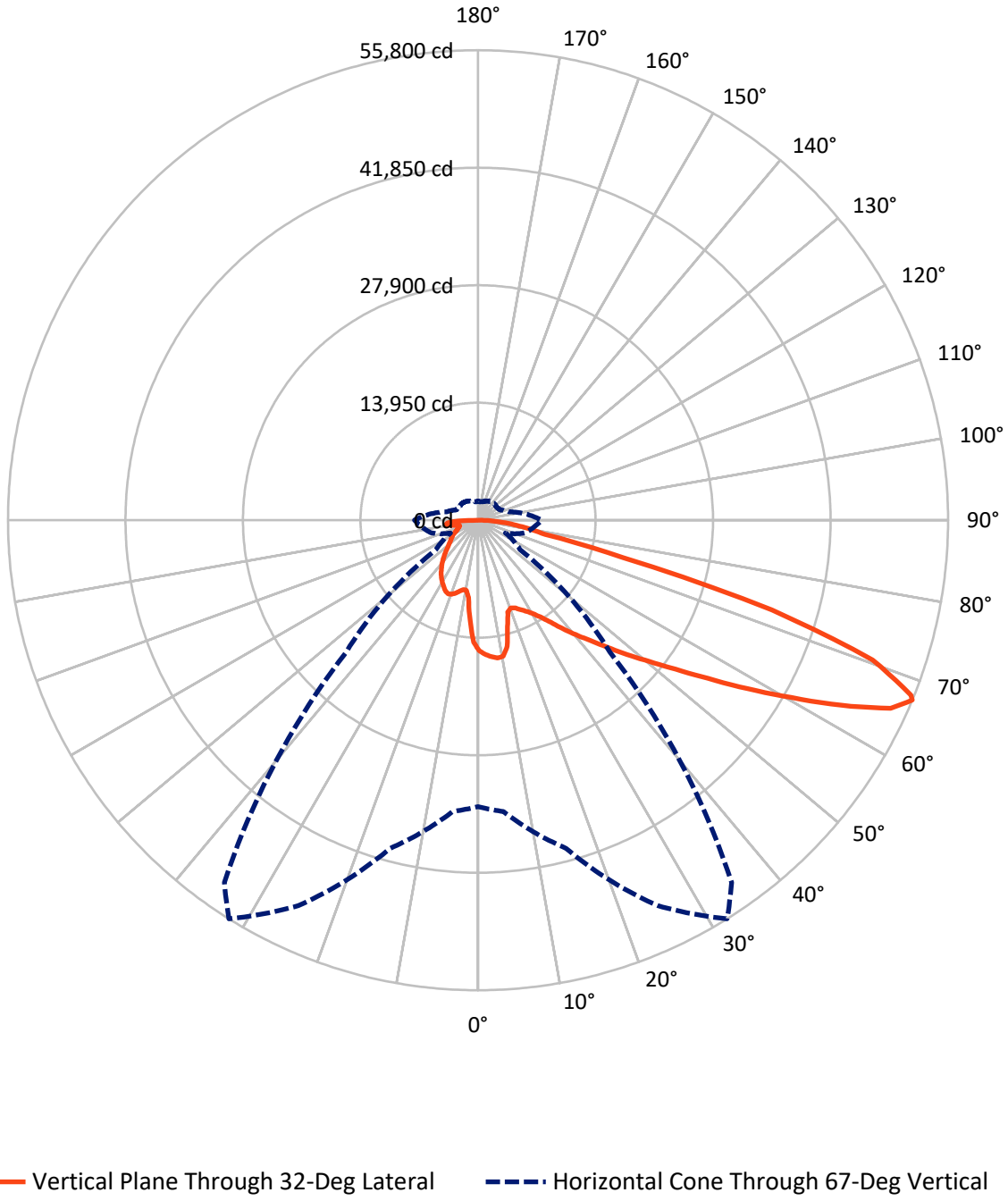
Luminous Intensity Polar Plot



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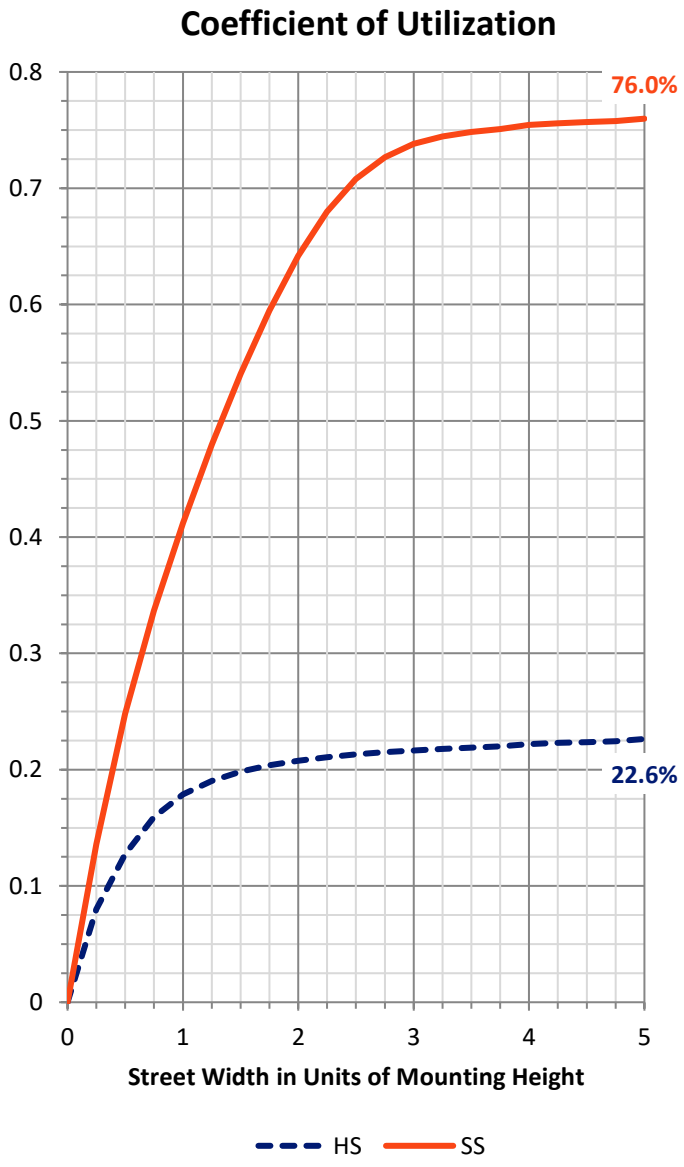
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16036.5	0.0	16036.5
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	51700.5	0.0	51700.5
	% Fixture	76.3	0.0	76.3
Total	Lumens	67737.1	0.0	67737.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1352.3	2.0
10°-20°	3590.4	5.3
20°-30°	5863.3	8.7
30°-40°	8641.9	12.8
40°-50°	11917.7	17.6
50°-60°	15055.7	22.2
60°-70°	14571.2	21.5
70°-80°	5200.4	7.7
80°-90°	1544.3	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°	67737.1	100.0
0°-180°	67737.1	100.0



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REPORT NUMBER: P1457294
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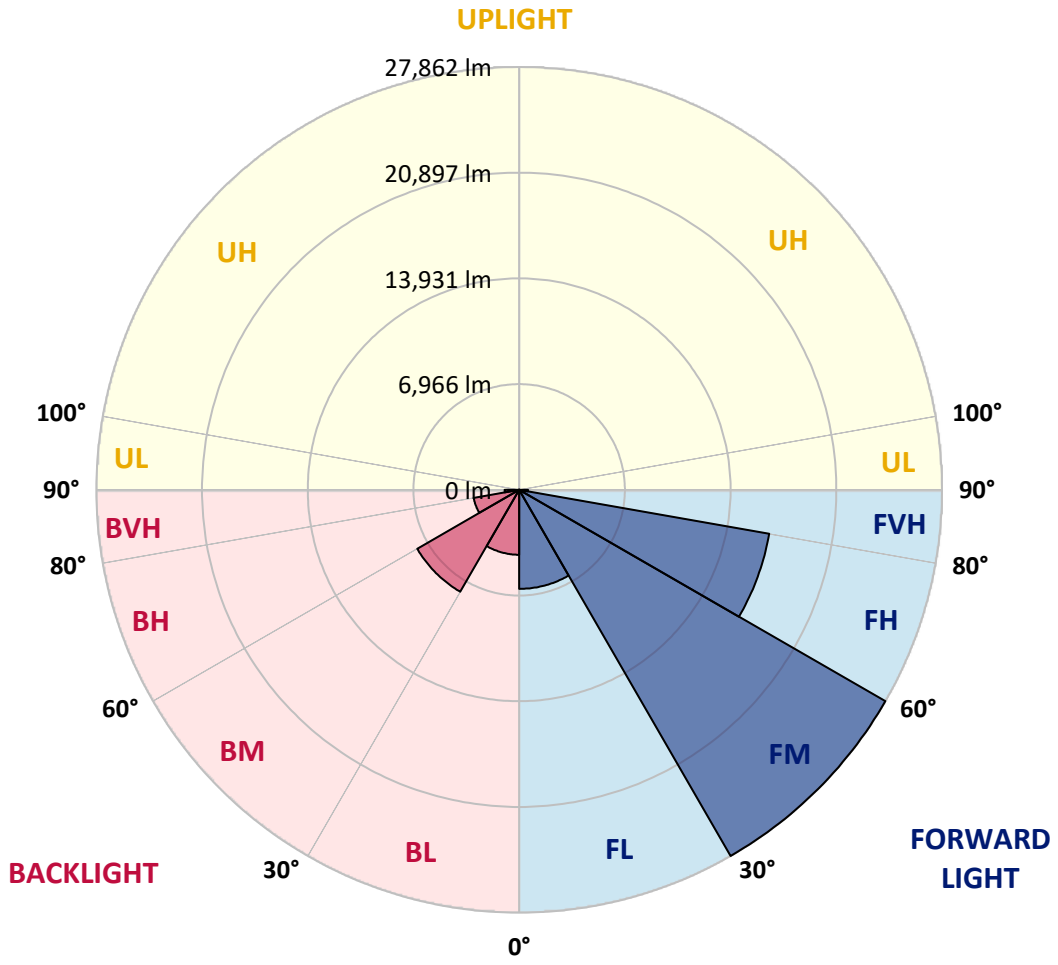
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	6526.6	9.6			
FM	(30°-60°)	27862.4	41.1			
FH	(60°-80°)	16729.6	24.7			G5
FVH	(80°-90°)	581.9	0.9			G4/750
BL	(0°-30°)	4279.4	6.3	B4/5000		
BM	(30°-60°)	7752.9	11.4	B4/8500		
BH	(60°-80°)	3041.9	4.5	B4/5000		G4/5000
BVH	(80°-90°)	962.4	1.4			G5
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type IV Short



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REPORT NUMBER: P1457294
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6
2.5°	16063.1	16018.0	15972.9	16003.0	15942.8	15927.8	15852.6	15822.5	15732.3	15717.2	15551.8
5°	16394.0	16303.8	16288.7	16318.8	16258.7	16258.7	16198.5	16153.4	16018.0	15942.8	15702.2
7.5°	16394.0	16379.0	16409.1	16514.4	16529.4	16529.4	16529.4	16544.4	16409.1	16303.8	15927.8
10°	15461.5	15311.1	15642.0	16168.4	16424.1	16574.5	16845.2	17010.7	16905.4	16830.2	16318.8
12.5°	12679.1	12694.1	13220.5	14348.5	15371.3	15807.5	16935.5	17537.1	17582.2	17461.9	16815.2
15°	10753.9	10829.1	11099.8	11912.0	13085.1	13731.9	16409.1	18003.4	18364.3	18244.0	17416.8
17.5°	10167.3	10212.4	10332.8	10799.0	11460.8	11987.2	14980.2	18304.2	19311.9	19161.5	18093.6
20°	10077.1	10107.1	10257.6	10648.6	11099.8	11400.6	13521.3	18063.5	20199.3	20139.1	18710.3
22.5°	10092.1	10122.2	10317.7	10859.2	11325.4	11581.1	13055.1	17507.0	21131.8	21191.9	19342.0
25°	10122.2	10137.2	10438.0	11160.0	11746.5	12062.4	13355.9	17010.7	21913.9	22425.2	20033.8
27.5°	10287.6	10332.8	10738.8	11551.0	12242.9	12603.9	14062.8	17176.1	22771.2	23824.0	20861.0
30°	10738.8	10768.9	11265.3	12107.5	12859.5	13235.5	14905.0	17837.9	23824.0	25267.9	21673.2
32.5°	11445.7	11475.8	12047.4	12919.7	13731.9	14183.1	16003.0	19101.3	24997.1	26786.9	22485.4
35°	12423.4	12438.4	13085.1	14017.6	14875.0	15386.3	17281.4	20530.1	26215.4	28080.4	23087.0
37.5°	13581.5	13686.8	14348.5	15326.2	16333.9	16800.1	18785.5	22199.6	27298.3	29178.4	23432.9
40°	15175.8	15205.8	15852.6	16800.1	17868.0	18319.2	20289.5	23778.9	28486.5	29825.1	23748.8
42.5°	16815.2	17070.9	17612.3	18665.1	19462.3	19823.2	22004.1	25222.7	29434.1	29855.2	23613.4
45°	19011.1	19206.6	19748.0	20680.5	21477.7	21898.8	23854.1	26546.3	29915.3	29599.5	23312.6
47.5°	21522.8	21643.1	22079.3	22921.6	23808.9	24109.8	25779.2	27298.3	30095.8	29419.0	23177.3
50°	24485.8	24485.8	24801.6	25523.6	26335.7	26756.9	27554.0	27749.5	30622.2	29103.2	23523.2
52.5°	26982.5	27102.8	27523.9	28546.7	29358.9	29840.1	28937.7	28441.4	29554.4	27343.4	23628.5
55°	29373.9	29509.3	30456.8	31735.2	33119.0	33645.4	30667.4	28095.5	25959.7	24771.5	22906.5
57.5°	31660.0	31945.8	33134.0	35630.7	37721.3	37676.2	32863.3	24997.1	21191.9	21928.9	21327.3
60°	34848.6	35149.4	37044.5	40187.9	42744.8	41676.9	32893.3	20800.9	16514.4	17507.0	18364.3
62.5°	37510.7	38022.1	40804.6	46038.7	48385.0	46715.5	30171.0	15927.8	10964.4	12212.8	14198.1
65°	37270.1	37946.9	42263.5	50340.2	53844.6	52295.5	26185.3	10077.1	5655.2	8347.4	9941.7
67°	33991.3	34728.3	40323.3	50490.6	55799.9	52491.0	22109.4	6091.4	3594.7	5790.6	6903.5
67.5°	32111.2	33194.2	39360.7	50204.8	55438.9	51663.8	20274.5	5098.7	3384.1	5384.5	6286.9
70°	19748.0	21492.7	29539.3	44384.2	49693.5	43241.1	11265.3	2887.8	2752.4	3609.7	4346.7
72.5°	5941.0	6467.4	11400.6	28471.5	36473.0	32051.1	5068.6	2226.0	2466.6	2902.8	3354.0
75°	2887.8	3083.3	4707.6	11641.3	17762.7	17672.5	2827.6	1910.1	2286.1	2436.5	2647.1
77.5°	1850.0	1970.3	2932.9	6512.5	8136.9	7249.5	2045.5	1669.5	2030.5	2000.4	1970.3
80°	1158.1	1218.3	1880.0	3775.1	6001.1	5008.5	1504.0	1368.7	1744.7	1549.2	1398.8
82.5°	752.0	827.2	1203.2	2301.2	4286.5	3730.0	992.7	977.6	1443.9	1233.3	1082.9
85°	496.3	556.5	767.1	1353.6	2541.8	2662.2	646.7	676.8	1113.0	932.5	827.2
87.5°	180.5	225.6	391.1	601.6	1188.2	1474.0	270.7	255.7	541.5	436.2	345.9
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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Scaled Data Report

REPORT NUMBER: P1457294
CATALOG NUMBER: GLAN-SB7D-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6	15476.6
2.5°	15521.7	15476.6	15266.0	15085.5	14950.2	14769.7	14574.1	14348.5	14198.1	14228.2	14183.1
5°	15596.9	15476.6	15070.5	14453.8	13852.2	13100.2	12137.6	11566.1	11129.9	10904.3	10964.4
7.5°	15762.3	15551.8	14694.5	13446.1	11881.9	10347.8	9400.2	8858.8	8603.1	8497.8	8482.8
10°	16048.1	15687.1	14213.2	11881.9	9836.4	8798.6	8452.7	8302.3	8272.2	8272.2	8257.2
12.5°	16394.0	15822.5	13401.0	10362.8	8858.8	8482.8	8422.6	8437.7	8482.8	8527.9	8452.7
15°	16815.2	15882.7	12393.3	9445.4	8663.3	8573.0	8663.3	8768.6	8843.8	8903.9	8828.7
17.5°	17236.3	15822.5	11445.7	9009.2	8693.3	8813.7	8994.2	9159.6	9204.7	9295.0	9234.8
20°	17537.1	15611.9	10633.6	8843.8	8768.6	9039.3	9264.9	9445.4	9535.6	9595.8	9535.6
22.5°	17762.7	15341.2	10047.0	8678.3	8768.6	9099.4	9370.2	9580.7	9686.0	9746.2	9671.0
25°	17958.2	14965.2	9595.8	8437.7	8588.1	8903.9	9204.7	9415.3	9565.7	9655.9	9610.8
27.5°	18198.9	14664.4	9174.6	8076.7	8212.1	8512.9	8828.7	9084.4	9370.2	9520.6	9490.5
30°	18469.6	14514.0	8768.6	7685.6	7775.9	8076.7	8452.7	8798.6	9189.7	9385.2	9385.2
32.5°	18785.5	14408.7	8392.5	7309.6	7384.8	7715.7	8076.7	8392.5	8813.7	9129.5	9114.5
35°	18920.8	14288.4	8091.7	6963.7	7114.1	7384.8	7670.6	7881.2	8317.3	8693.3	8723.4
37.5°	19056.2	14243.3	7941.3	6693.0	6813.3	7023.9	7174.3	7279.6	7685.6	8076.7	8091.7
40°	19221.6	14453.8	8046.6	6512.5	6407.2	6617.8	6693.0	6753.1	6963.7	7219.4	7219.4
42.5°	19116.3	14604.2	8287.3	6347.0	5910.9	6151.5	6181.6	6166.6	6181.6	6196.6	6181.6
45°	18845.6	14453.8	8287.3	6091.4	5384.5	5640.1	5625.1	5549.9	5429.6	5113.7	5068.6
47.5°	18785.5	14363.6	7971.4	5670.2	4858.0	5068.6	5098.7	4948.3	4602.4	4271.5	4166.2
50°	19041.1	14529.0	7475.1	5158.9	4406.8	4587.3	4662.5	4406.8	4015.8	3669.9	3609.7
52.5°	19417.2	14739.6	6753.1	4602.4	4030.8	4211.3	4301.6	4015.8	3609.7	3339.0	3308.9
55°	19372.0	14739.6	5941.0	4091.0	3745.1	3880.4	4030.8	3730.0	3414.2	3263.8	3248.7
57.5°	18394.4	14183.1	5339.3	3730.0	3474.3	3594.7	3790.2	3504.4	3203.6	3233.7	3278.8
60°	16484.3	12739.2	4888.1	3489.4	3233.7	3354.0	3564.6	3233.7	2842.6	2737.4	2737.4
62.5°	13581.5	10498.2	4527.2	3248.7	3008.1	3158.5	3263.8	2827.6	2571.9	2451.6	2451.6
65°	10182.3	8121.8	4151.1	3053.2	2812.6	2978.0	2857.7	2647.1	2391.4	2301.2	2316.2
67°	*7550.3*	*6301.9*	*3835.3*	*2887.8*	*2692.2*	*2767.4*	*2677.2*	*2526.8*	*2271.1*	*2195.9*	*2271.1*
67.5°	6783.2	5986.1	3760.1	2842.6	2662.2	2722.3	2632.1	2511.7	2241.0	2165.8	2241.0
70°	4662.5	4602.4	3354.0	2632.1	2496.7	2436.5	2481.7	2331.3	2105.7	2075.6	2150.8
72.5°	3549.5	3669.9	3008.1	2451.6	2316.2	2241.0	2346.3	2195.9	1970.3	2015.4	2090.6
75°	2782.5	2963.0	2692.2	2195.9	2105.7	2120.7	2331.3	2271.1	2090.6	2135.7	2150.8
77.5°	2060.5	2391.4	2301.2	1910.1	1834.9	2045.5	2632.1	2812.6	2496.7	2421.5	2316.2
80°	1504.0	1714.6	1940.2	1579.2	1534.1	1970.3	3248.7	3594.7	3083.3	2782.5	2707.3
82.5°	1113.0	1203.2	1594.3	1263.4	1113.0	1759.7	3609.7	4226.4	3669.9	3098.3	3008.1
85°	797.1	932.5	1263.4	932.5	737.0	1443.9	3534.5	4136.1	3639.8	2932.9	2857.7
87.5°	285.8	406.1	541.5	421.1	376.0	992.7	2917.8	2978.0	2271.1	1037.8	1052.8
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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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

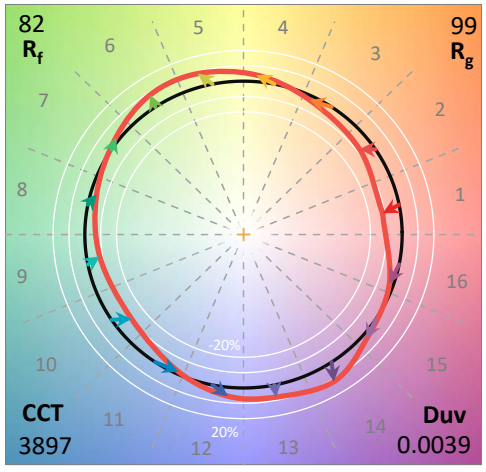
Test Information

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

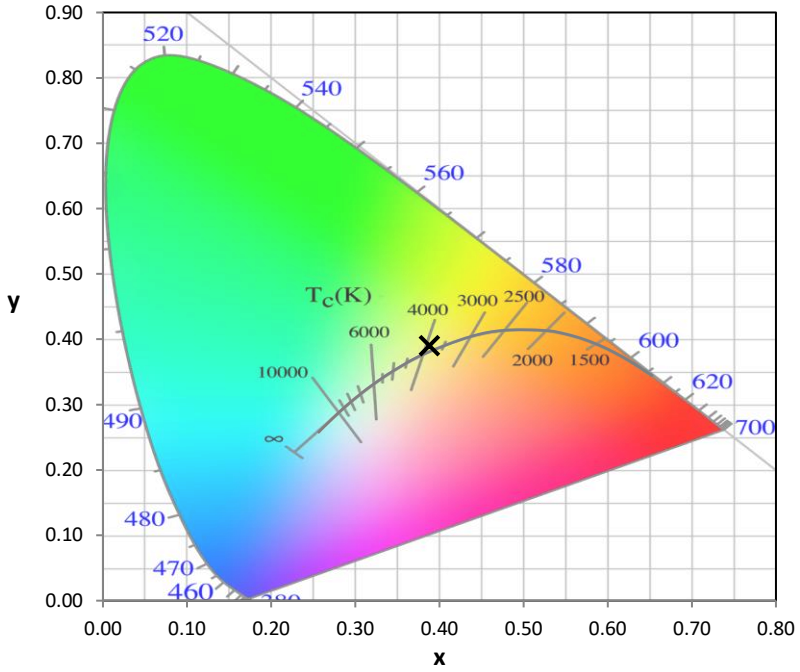
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

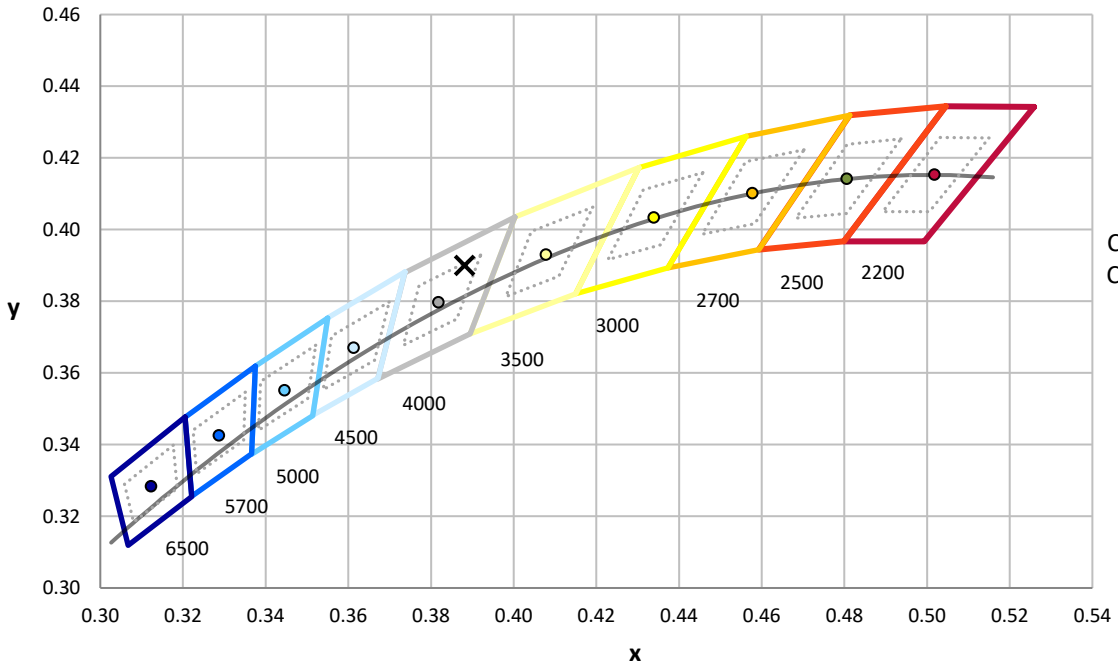
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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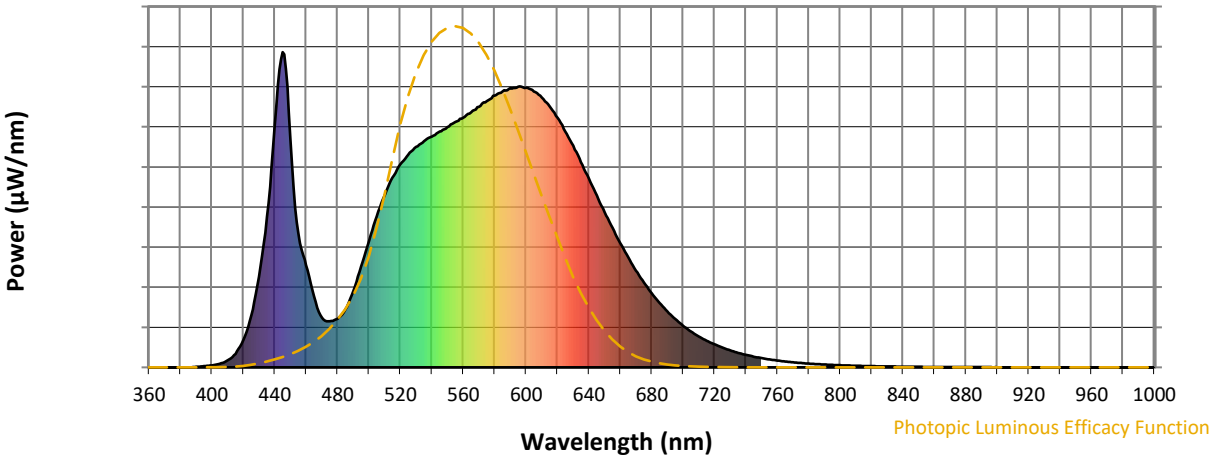
Photopic Flux vs. Wavelength



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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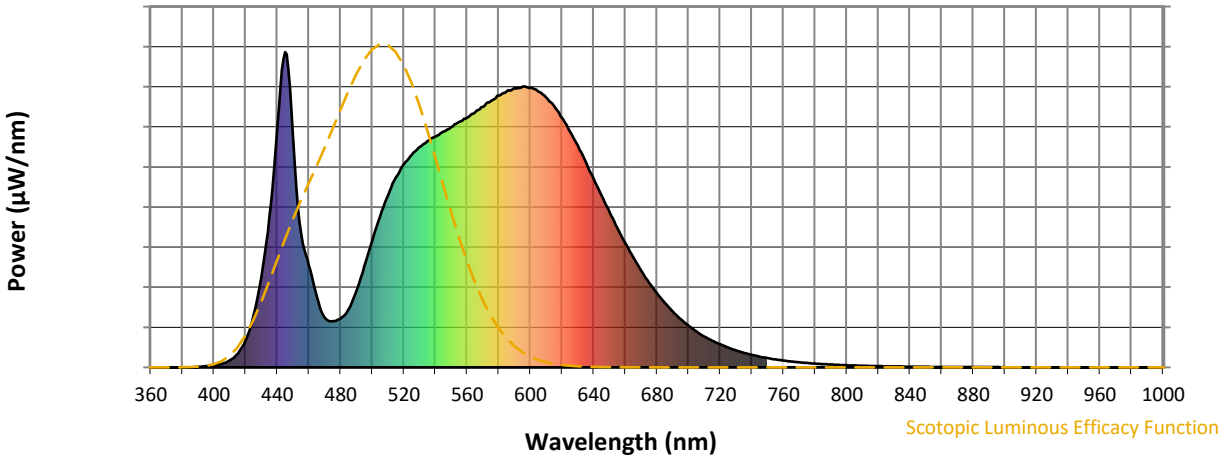
Scotopic Flux vs. Wavelength



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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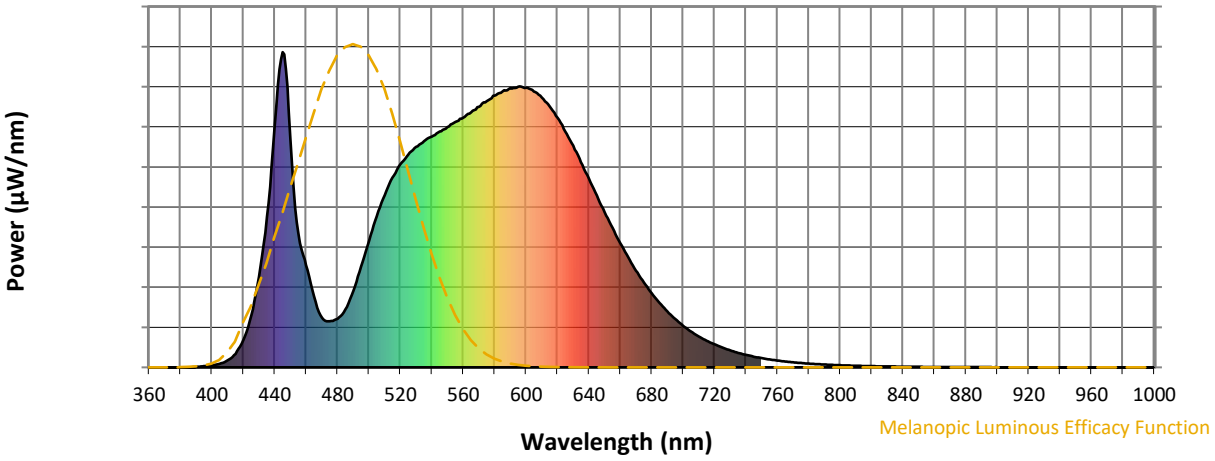
Melanopic Flux vs. Wavelength



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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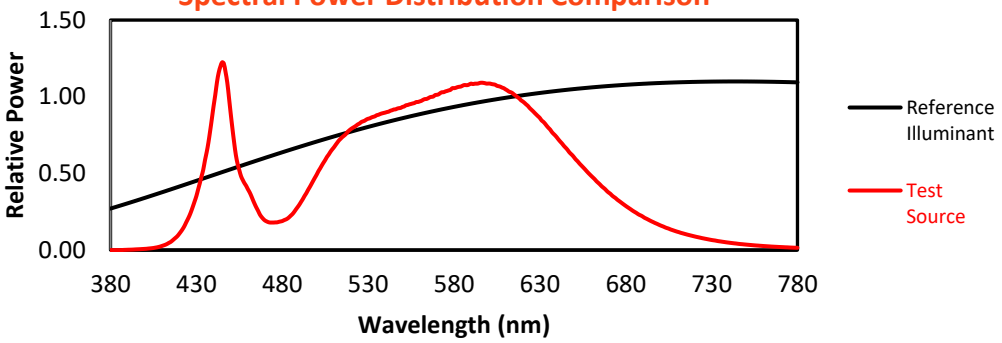
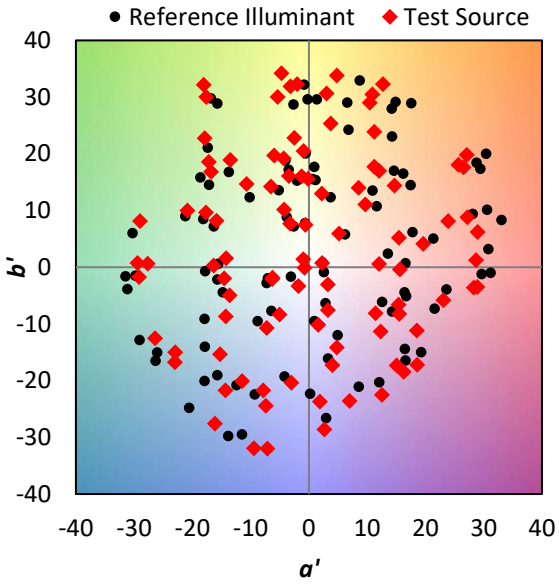
Summary

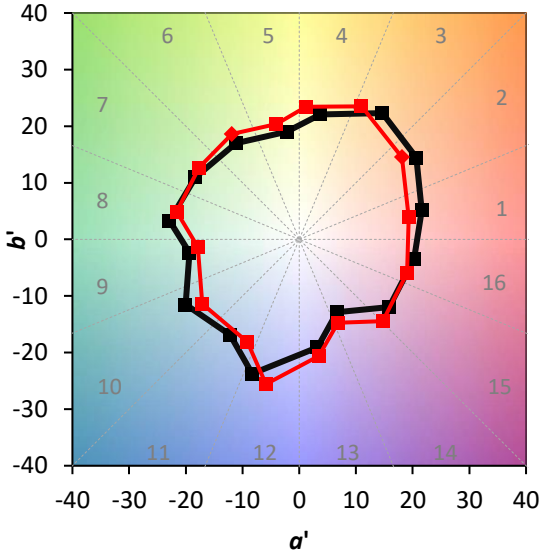
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

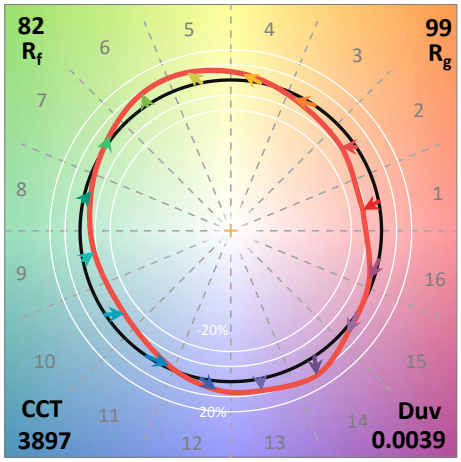
Spectral Power Distribution Comparison

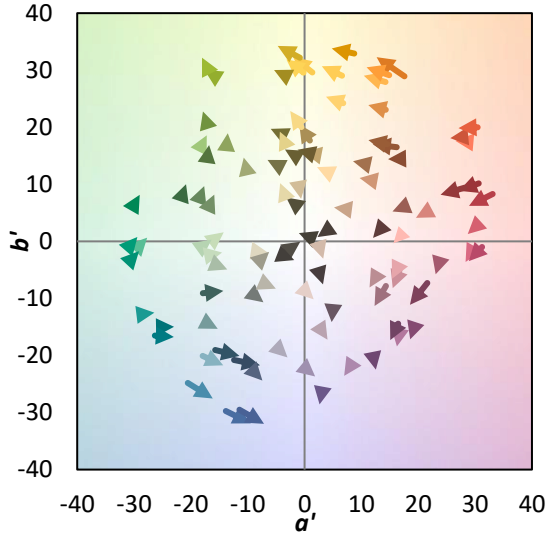


Color Vector Graphics









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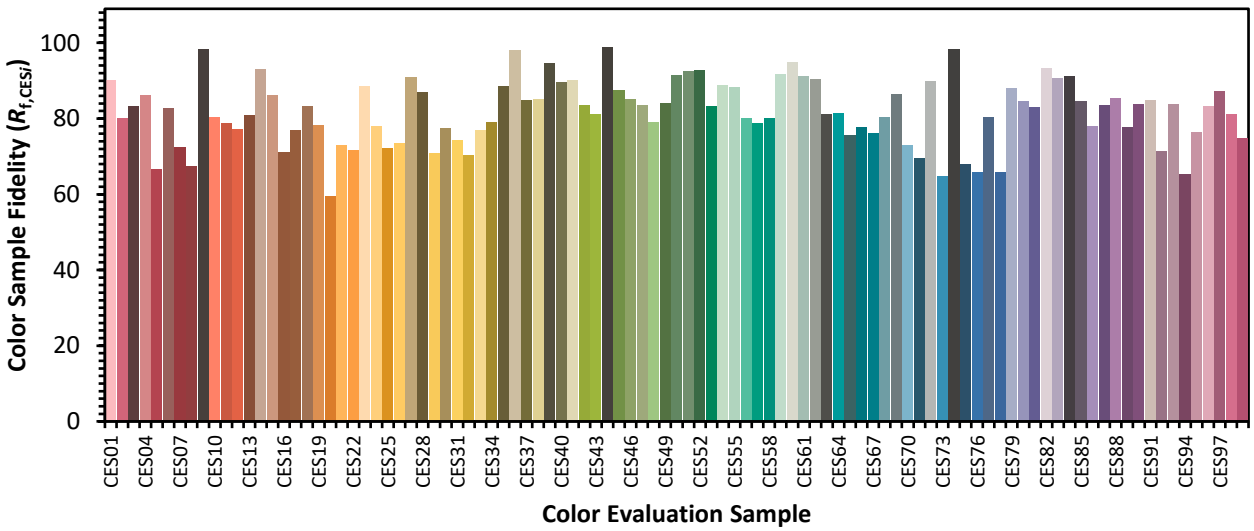
Individual Sample Fidelity Index ($R_{f,i}$)

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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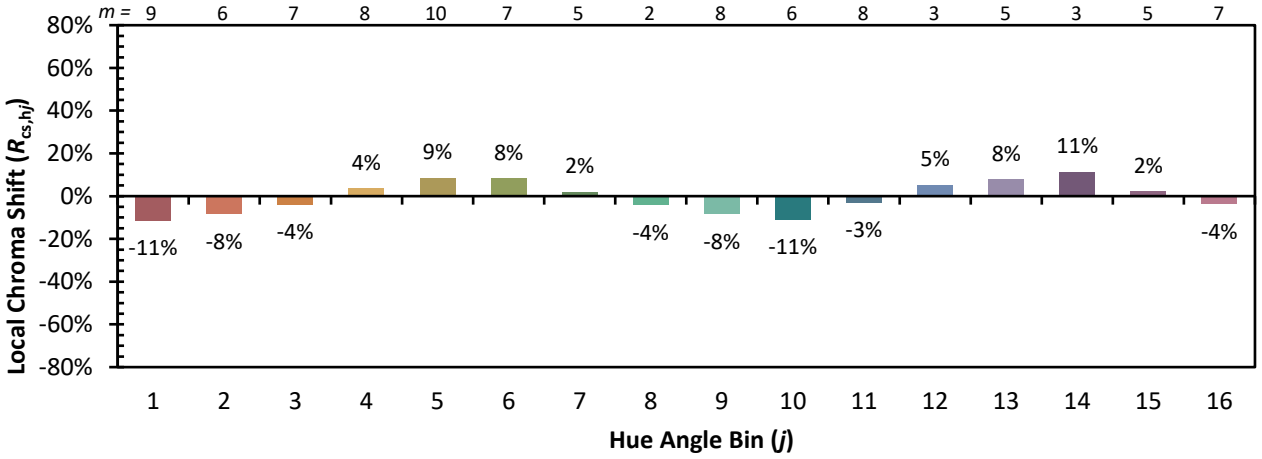
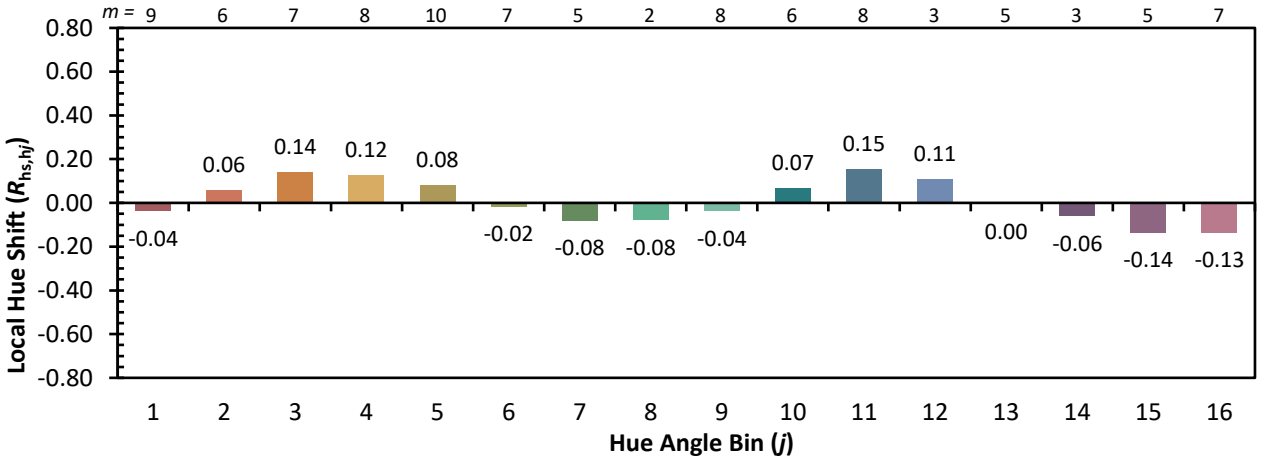
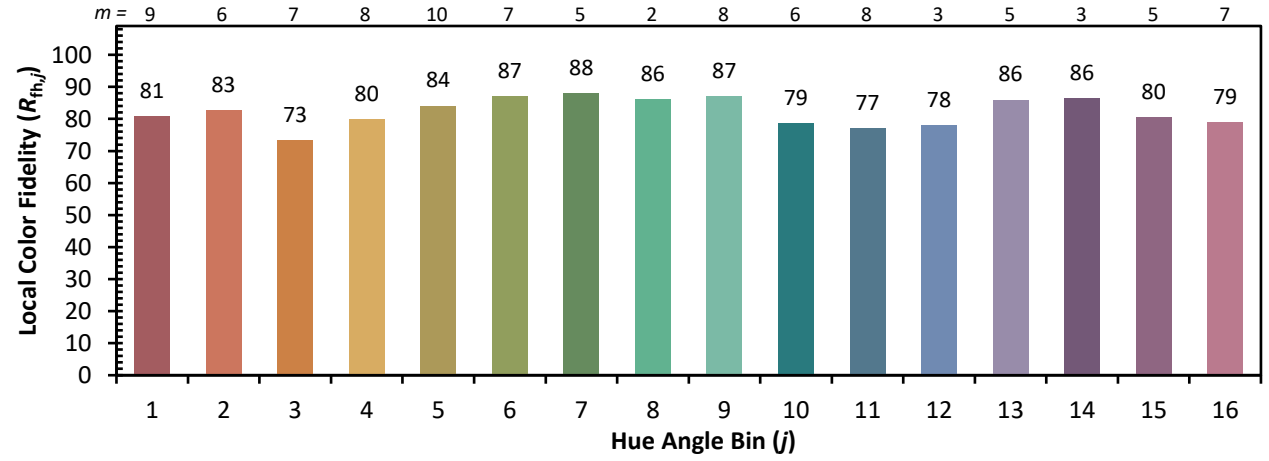
Color Rendition by Hue-Angle Bin







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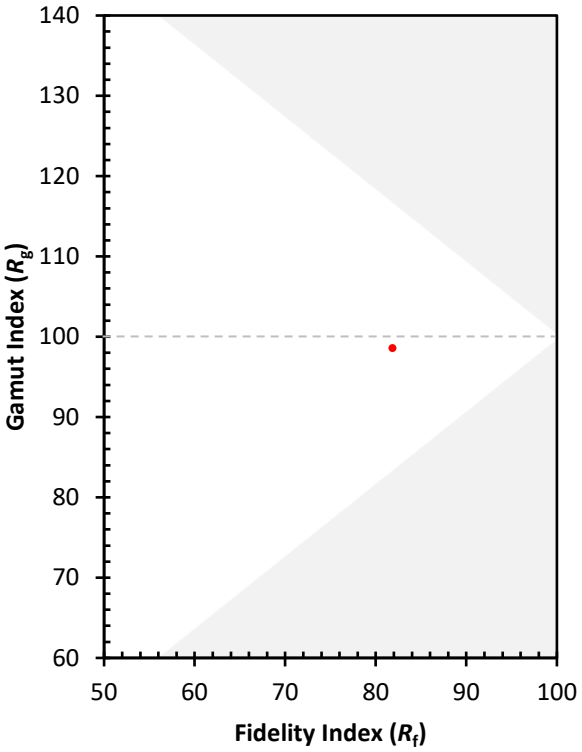
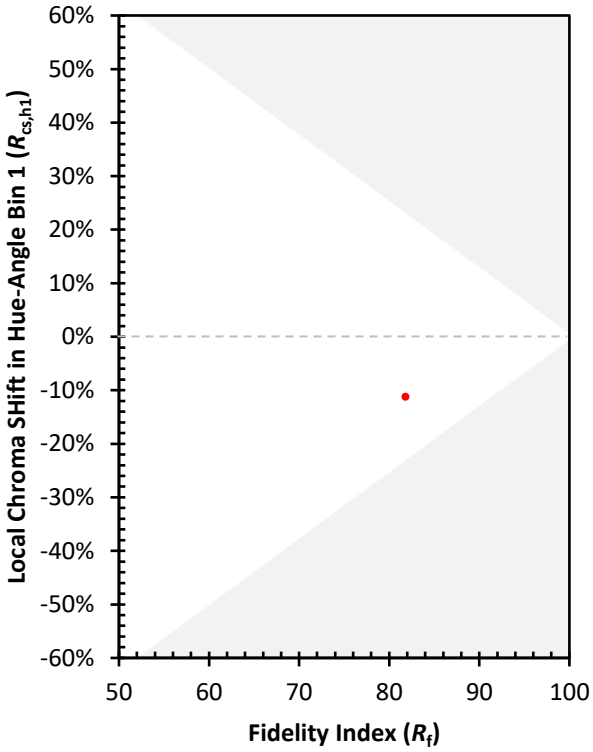
Measure Comparisons





(END OF REPORT)