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: P1456122

Luminaire Tested: GLAN-SB2D-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:	P1456122
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB2D-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 2xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(52) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18829.3 lumens
Efficiency:	N/A
Efficacy:	127.6 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):	147.6
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: P1456122
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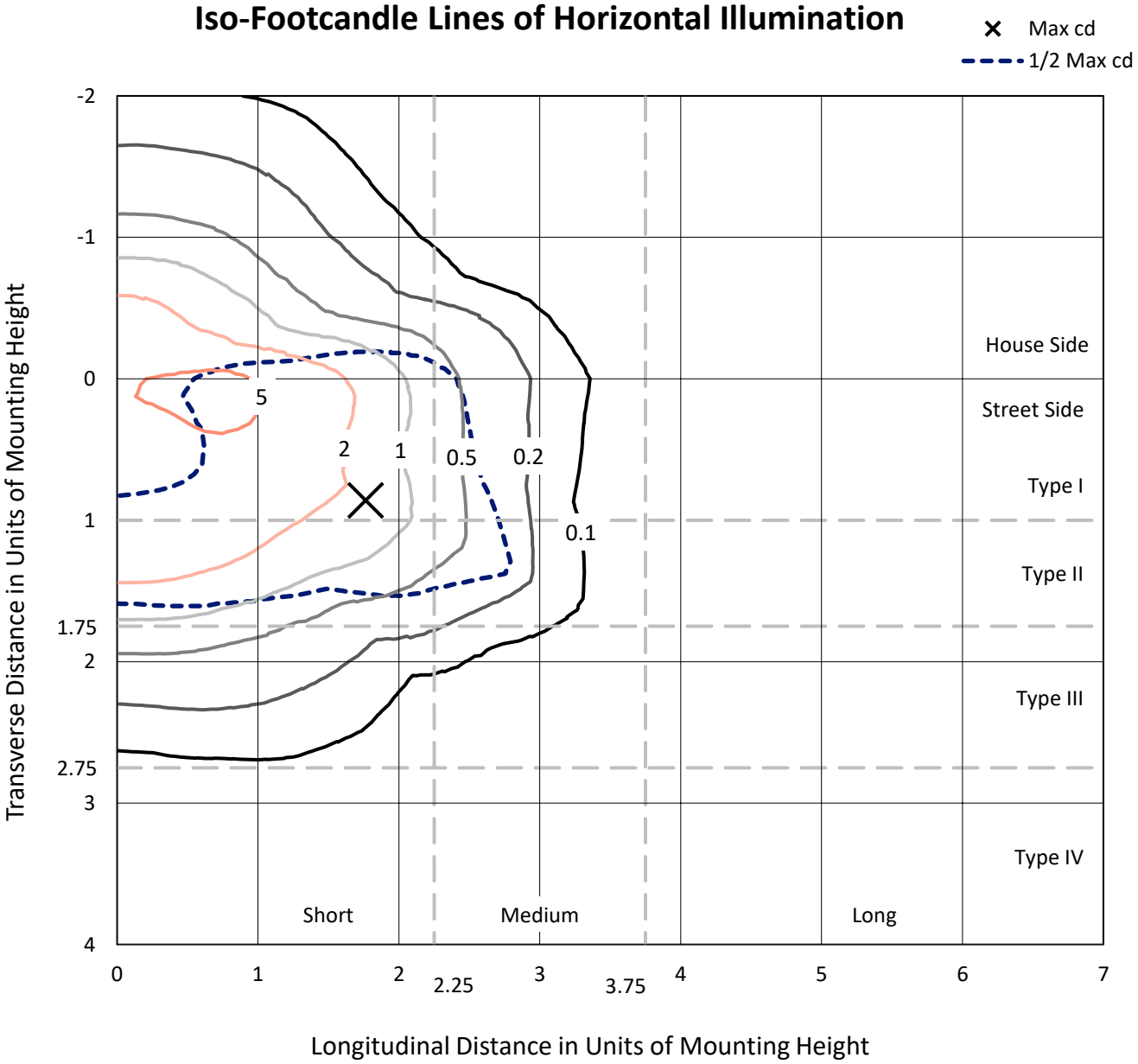
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.1 fc
Type II - Short - N/A

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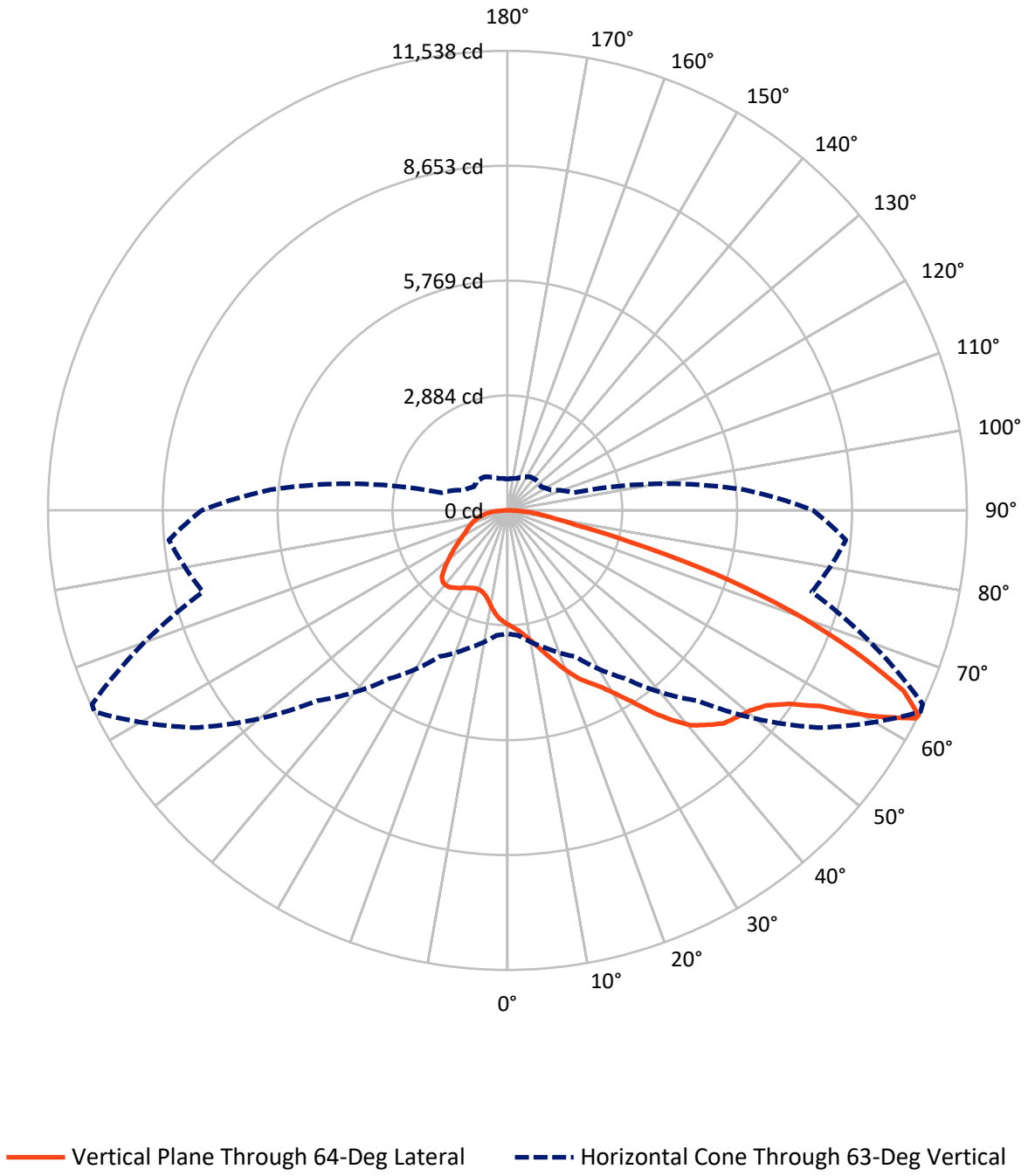
Luminous Intensity Polar Plot



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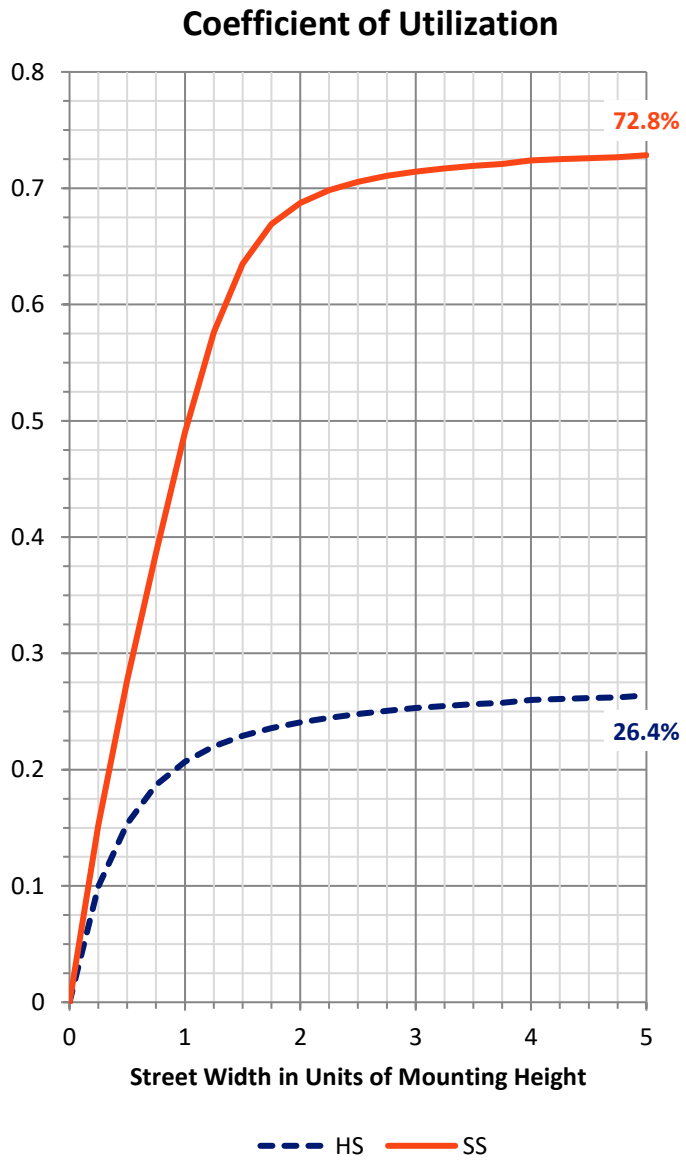
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5058.9	0.0	5058.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	13770.4	0.0	13770.4
	% Fixture	73.1	0.0	73.1
Total	Lumens	18829.3	0.0	18829.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	263.3	1.4
10°-20°	810.5	4.3
20°-30°	1482.1	7.9
30°-40°	2549.5	13.5
40°-50°	3759.8	20.0
50°-60°	4506.4	23.9
60°-70°	3616.8	19.2
70°-80°	1453.3	7.7
80°-90°	387.5	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°	18829.3	100.0
0°-180°	18829.3	100.0



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REPORT NUMBER: P1456122
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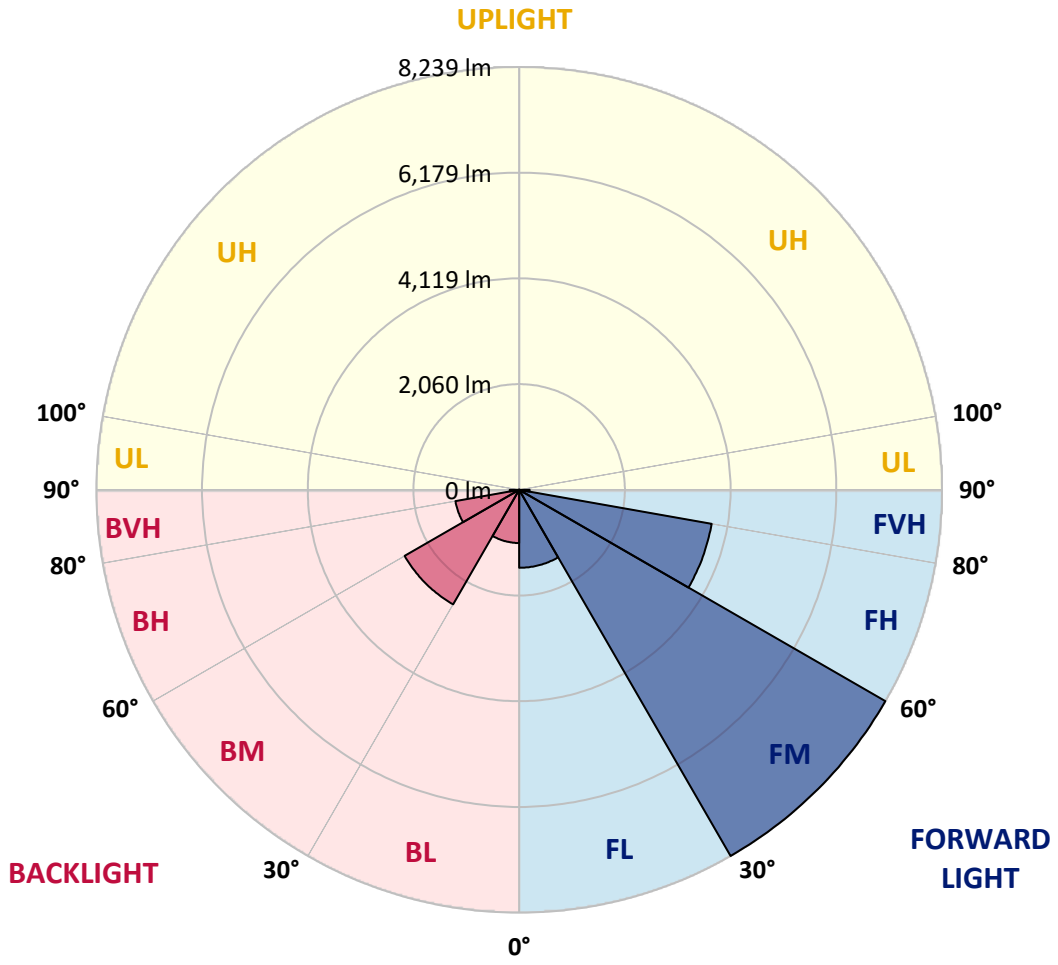
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1519.2	8.1			
FM	(30°-60°)	8238.8	43.8			
FH	(60°-80°)	3808.8	20.2			G2/5000
FVH	(80°-90°)	203.6	1.1			G2/225
BL	(0°-30°)	1036.7	5.5	B3/2500		
BM	(30°-60°)	2576.9	13.7	B3/5000		
BH	(60°-80°)	1261.3	6.7	B3/2500		G3/2500
BVH	(80°-90°)	183.9	1.0			G2/225
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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REPORT NUMBER: P1456122
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	2867.5	2867.5	2867.5	2867.5	2867.5	2867.5	2867.5	*2867.5*	2867.5	2867.5	2867.5
2.5°	2985.9	2990.1	2977.4	2973.2	2981.7	2964.8	2960.5	*2943.6*	2935.2	2918.2	2897.1
5°	3070.5	3074.7	3066.3	3066.3	3074.7	3062.0	3057.8	*3040.9*	3032.4	3015.5	2973.2
7.5°	3066.3	3070.5	3078.9	3112.8	3155.1	3172.0	3184.7	*3172.0*	3167.8	3142.4	3100.1
10°	2998.6	3002.8	3024.0	3074.7	3180.5	3256.6	3336.9	*3336.9*	3345.4	3324.2	3248.1
12.5°	2905.5	2909.8	2960.5	3040.9	3180.5	3311.6	3476.5	*3544.2*	3539.9	3527.3	3438.4
15°	2681.4	2681.4	2757.5	2909.8	3133.9	3349.6	3594.9	*3776.8*	3781.0	3793.7	3688.0
17.5°	2491.1	2495.3	2558.7	2694.1	2985.9	3328.5	3721.8	*4034.8*	4047.5	4119.4	3967.1
20°	2508.0	2508.0	2529.1	2588.3	2825.2	3243.9	3793.7	*4309.7*	4352.0	4521.1	4330.8
22.5°	2639.1	2639.1	2656.0	2651.8	2795.6	3188.9	3840.2	*4584.6*	4660.7	5011.7	4766.4
25°	2880.2	2875.9	2859.0	2833.6	2918.2	3248.1	3946.0	*4796.1*	4944.1	5553.1	5269.7
27.5°	3176.2	3167.8	3142.4	3100.1	3159.3	3425.8	4127.8	*5020.2*	5180.9	6145.2	5802.6
30°	3544.2	3518.8	3493.4	3438.4	3501.9	3717.6	4398.5	*5337.4*	5489.7	6817.7	6445.5
32.5°	3979.8	4009.4	3924.8	3848.7	3916.4	4115.1	4800.3	*5713.8*	5878.8	7519.7	7113.7
35°	4631.1	4719.9	4694.5	4309.7	4373.1	4593.0	5269.7	*6200.2*	6348.2	8158.4	7798.9
37.5°	5274.0	5252.8	5274.0	4952.5	4851.0	5117.5	5773.0	*6665.4*	6809.2	8678.6	8403.7
40°	5789.9	5853.4	5853.4	5591.2	5460.1	5637.7	6229.8	*7092.6*	7232.1	8966.2	8839.3
42.5°	6352.4	6360.9	6344.0	6115.6	6064.8	6111.4	6631.6	*7363.3*	7477.4	9114.2	9135.3
45°	6986.8	6982.6	6910.7	6720.4	6644.3	6602.0	6881.1	*7625.5*	7739.7	9181.9	9296.1
47.5°	7511.3	7532.4	7536.7	7333.6	7206.8	7024.9	7096.8	*7756.6*	7887.7	9105.7	9329.9
50°	7540.9	7574.7	7735.4	7794.6	7769.3	7477.4	7295.6	*7896.1*	8027.3	9122.6	9452.5
52.5°	7354.8	7388.6	7595.9	7841.2	8137.2	7997.6	7608.6	*8137.2*	8272.6	9287.6	9731.7
55°	6855.7	6910.7	7219.5	7562.0	8090.7	8289.5	8162.6	*8572.8*	8699.7	9418.7	10057.3
57.5°	5967.6	6035.2	6462.4	7008.0	7731.2	8221.8	8966.2	*9270.7*	9376.4	9511.7	10061.6
60°	4461.9	4516.9	5185.1	5921.1	7008.0	7798.9	9444.1	*10467.6*	10526.8	9008.5	9490.6
62.5°	3286.2	3341.2	3789.5	4318.1	5506.6	7020.7	9537.1	*11503.8*	11512.2	8099.2	8703.9
63°	*3095.9*	*3150.8*	*3556.9*	*4051.7*	*5151.3*	*6758.5*	*9507.5*	*11537.6*	*11508.0*	*7913.1*	*8530.5*
65°	2410.7	2508.0	2930.9	3307.3	3861.4	5379.7	9126.9	*10937.0*	10979.3	7363.3	7659.3
67.5°	1641.0	1712.9	2250.0	2685.6	2918.2	3425.8	7485.9	*9359.5*	9427.2	6792.3	6111.4
70°	1268.8	1302.6	1615.6	2127.3	2360.0	2178.1	4880.6	*7536.7*	7536.7	5303.6	4330.8
72.5°	993.9	1006.6	1218.0	1662.1	1899.0	1674.8	2719.5	*5481.2*	5278.2	3146.6	2888.6
75°	710.5	727.4	917.8	1239.2	1514.1	1319.5	1738.3	*3193.1*	3070.5	1810.2	1928.6
77.5°	562.5	571.0	685.2	913.5	1226.5	1006.6	1323.8	*1742.5*	1725.6	1273.0	1239.2
80°	444.1	461.0	537.1	655.5	947.4	786.7	985.4	*1150.4*	1116.5	875.5	795.1
82.5°	317.2	346.8	414.5	499.1	702.1	562.5	647.1	*812.0*	812.0	659.8	524.4
85°	194.5	219.9	245.3	308.7	499.1	363.7	342.6	*524.4*	537.1	494.8	338.3
87.5°	93.0	101.5	118.4	131.1	181.9	164.9	135.3	*198.8*	203.0	219.9	139.6
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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Scaled Data Report

REPORT NUMBER: P1456122
CATALOG NUMBER: GLAN-SB2D-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2867.5	2867.5	2867.5	2867.5	2867.5	2867.5	2867.5	2867.5	2867.5	2867.5	2867.5
2.5°	2892.9	2884.4	2842.1	2799.8	2753.3	2711.0	2668.7	2634.9	2596.8	2605.3	2609.5
5°	2947.8	2926.7	2833.6	2723.7	2579.9	2444.5	2313.4	2220.4	2161.2	2144.3	2110.4
7.5°	3066.3	3015.5	2846.3	2613.7	2347.3	2135.8	2013.2	1958.2	1941.3	1945.5	1937.0
10°	3201.6	3125.5	2863.3	2482.6	2144.3	2000.5	1983.6	2017.4	2034.3	2051.2	2055.5
12.5°	3379.2	3256.6	2854.8	2338.8	2047.0	2021.6	2085.1	2148.5	2186.6	2211.9	2207.7
15°	3586.5	3421.5	2829.4	2220.4	2034.3	2102.0	2182.3	2254.2	2300.8	2326.1	2313.4
17.5°	3836.0	3616.1	2799.8	2144.3	2072.4	2152.7	2237.3	2309.2	2360.0	2376.9	2364.2
20°	4144.7	3836.0	2749.1	2110.4	2102.0	2173.9	2250.0	2317.7	2360.0	2376.9	2360.0
22.5°	4508.5	4098.2	2706.8	2110.4	2114.7	2173.9	2228.9	2279.6	2317.7	2330.4	2309.2
25°	4973.7	4402.7	2689.8	2144.3	2118.9	2152.7	2182.3	2211.9	2233.1	2241.5	2233.1
27.5°	5447.4	4753.8	2698.3	2186.6	2114.7	2123.1	2123.1	2127.3	2131.6	2135.8	2131.6
30°	5993.0	5109.0	2732.1	2241.5	2123.1	2080.8	2068.1	2042.8	2021.6	2004.7	1987.8
32.5°	6521.6	5447.4	2791.4	2321.9	2114.7	2034.3	2008.9	1945.5	1886.3	1835.5	1835.5
35°	7092.6	5798.4	2897.1	2381.1	2106.2	1992.0	1920.1	1848.2	1784.8	1712.9	1712.9
37.5°	7583.2	6098.7	2981.7	2448.8	2097.7	1941.3	1827.1	1746.7	1679.0	1607.1	1598.7
40°	7925.8	6272.1	3032.4	2474.2	2068.1	1873.6	1738.3	1636.7	1539.5	1442.2	1438.0
42.5°	8090.7	6263.6	3002.8	2465.7	2013.2	1789.0	1662.1	1526.8	1395.7	1306.9	1298.4
45°	8179.5	6208.6	2888.6	2393.8	1924.3	1700.2	1564.8	1421.1	1289.9	1209.6	1192.7
47.5°	8162.6	6073.3	2732.1	2216.2	1805.9	1602.9	1467.6	1319.5	1213.8	1167.3	1167.3
50°	8209.1	5967.6	2554.5	2013.2	1645.2	1488.7	1378.8	1243.4	1180.0	1120.8	1099.6
52.5°	8416.4	6056.4	2402.3	1822.8	1493.0	1378.8	1302.6	1188.4	1108.1	1070.0	1057.3
55°	8691.3	6246.7	2258.5	1653.7	1344.9	1281.5	1243.4	1137.7	1044.6	1006.6	985.4
57.5°	8742.0	6377.8	2118.9	1488.7	1222.3	1205.4	1192.7	1048.9	972.7	943.1	926.2
60°	8391.0	6280.5	1937.0	1340.7	1125.0	1133.5	1099.6	993.9	905.1	875.5	858.6
62.5°	7794.6	6026.8	1755.2	1213.8	1048.9	1065.8	1032.0	926.2	837.4	807.8	799.3
63°	*7676.2*	*5959.1*	*1712.9*	*1201.1*	*1032.0*	*1053.1*	*1023.5*	*917.8*	*828.9*	*799.3*	*786.7*
65°	6969.9	5553.1	1564.8	1133.5	977.0	977.0	981.2	875.5	799.3	786.7	778.2
67.5°	5684.2	4635.3	1404.1	1053.1	917.8	930.5	951.6	892.4	862.8	854.3	845.9
70°	4297.0	3489.2	1264.6	977.0	854.3	896.6	1040.4	1015.0	905.1	828.9	812.0
72.5°	3045.1	2376.9	1141.9	900.8	778.2	883.9	1078.5	968.5	816.3	727.4	710.5
75°	2038.5	1531.0	1019.3	820.5	693.6	816.3	1019.3	883.9	710.5	689.4	664.0
77.5°	1281.5	1091.2	896.6	727.4	600.6	727.4	926.2	786.7	613.3	621.7	583.6
80°	782.4	778.2	752.8	617.5	482.1	579.4	778.2	664.0	490.6	490.6	435.6
82.5°	465.2	562.5	638.6	511.7	351.0	414.5	562.5	499.1	410.2	397.6	372.2
85°	313.0	380.6	507.5	393.3	224.2	253.8	389.1	418.7	376.4	329.9	308.7
87.5°	114.2	152.3	232.6	160.7	97.3	152.3	291.8	304.5	228.4	177.6	160.7
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

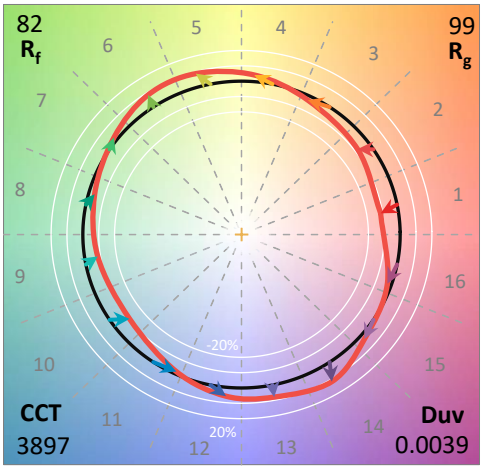
Test Information

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

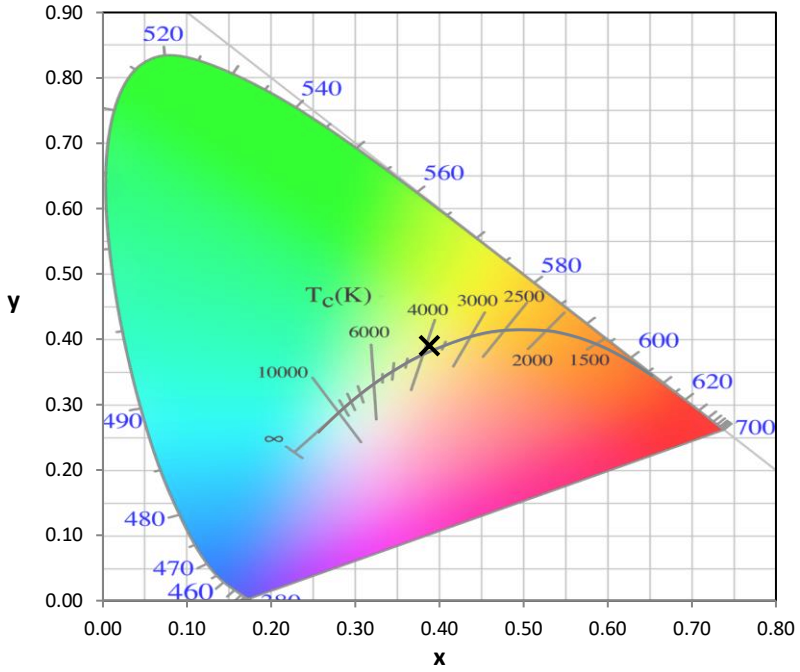
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

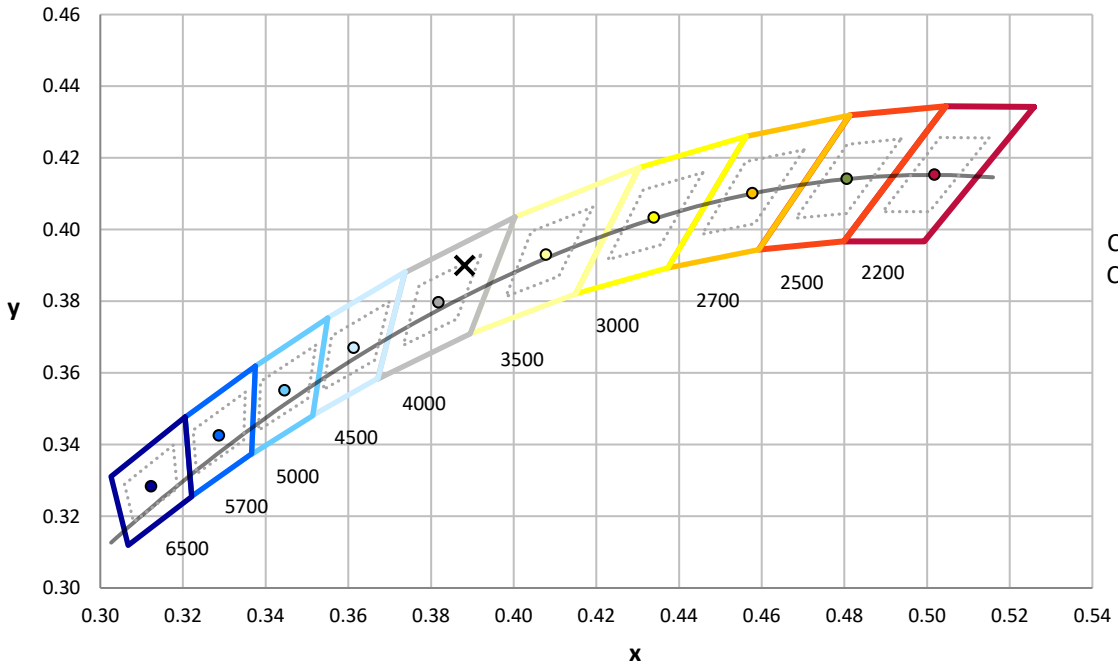
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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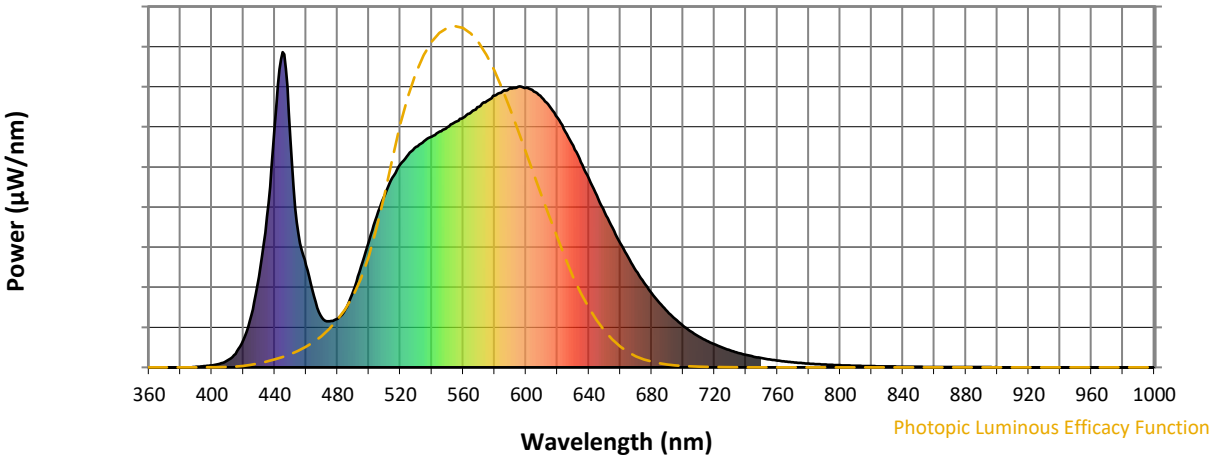
Photopic Flux vs. Wavelength



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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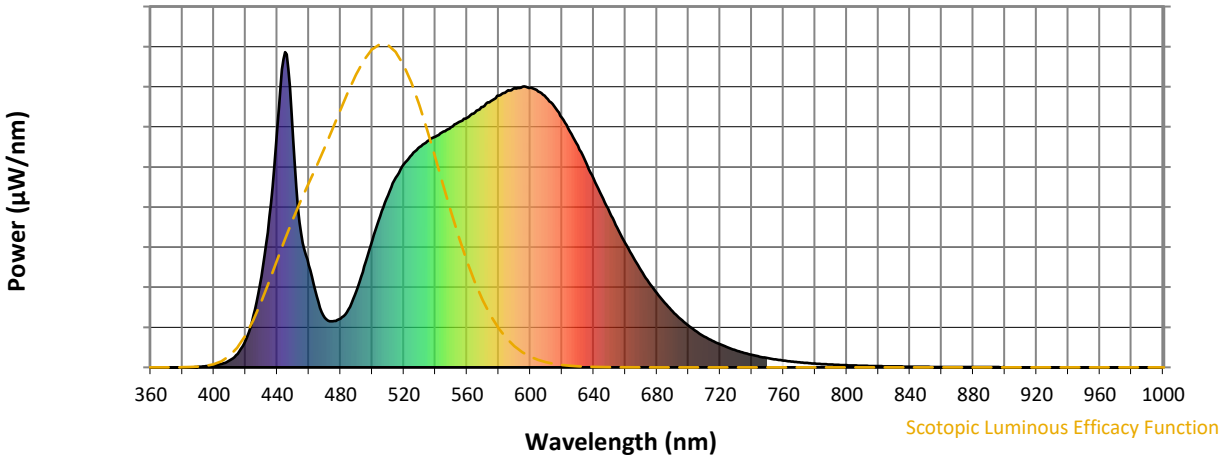
Scotopic Flux vs. Wavelength



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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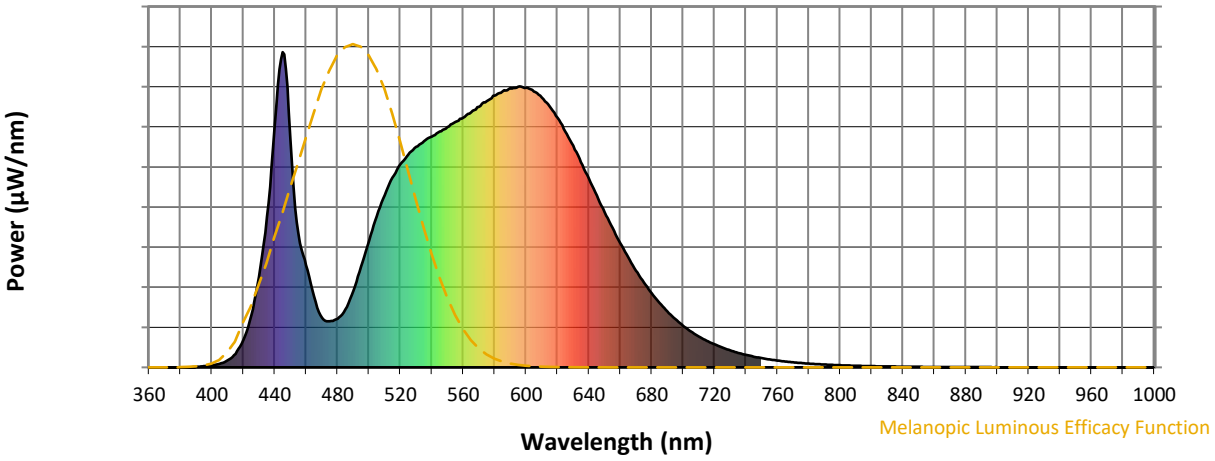
Melanopic Flux vs. Wavelength



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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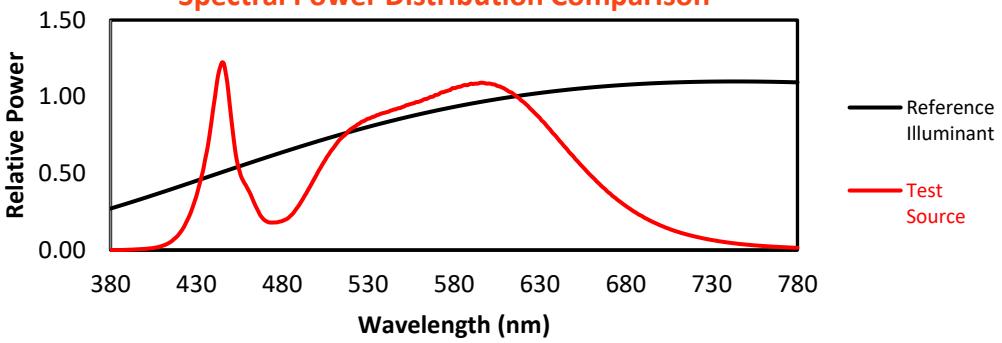
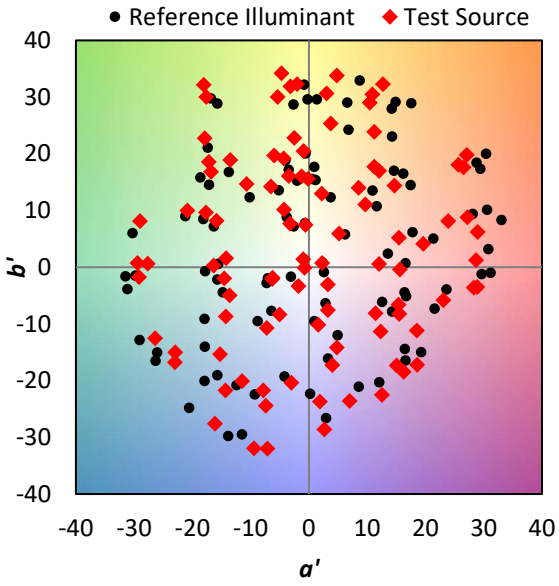
Summary

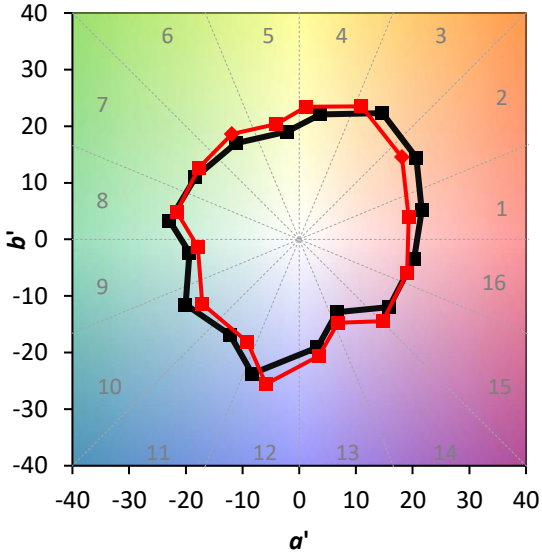
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

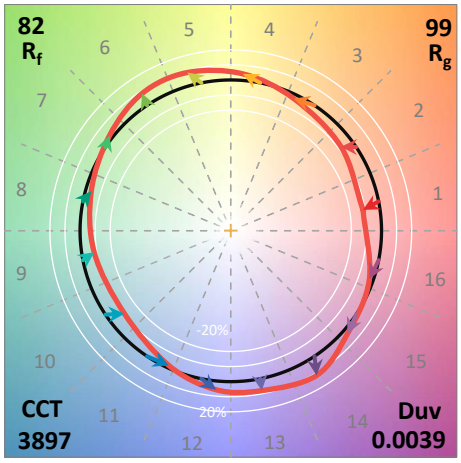
Spectral Power Distribution Comparison

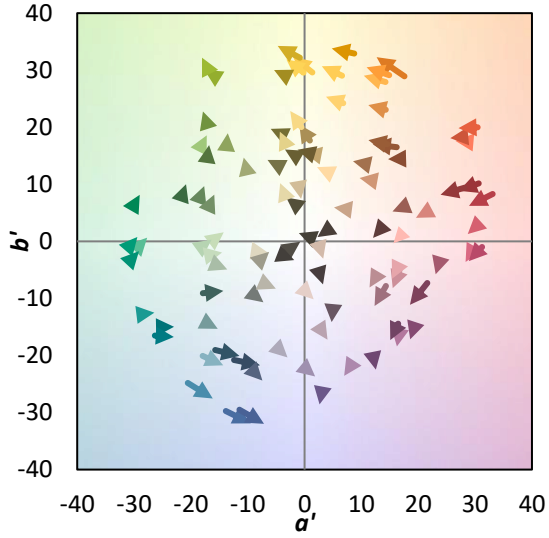


Color Vector Graphics









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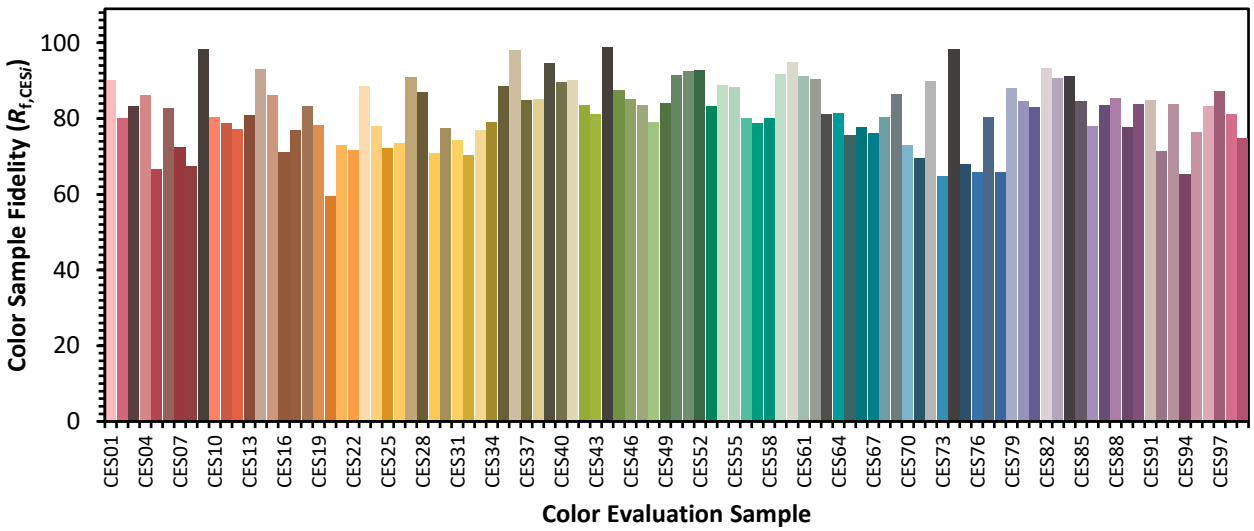
Individual Sample Fidelity Index ($R_{f,i}$)

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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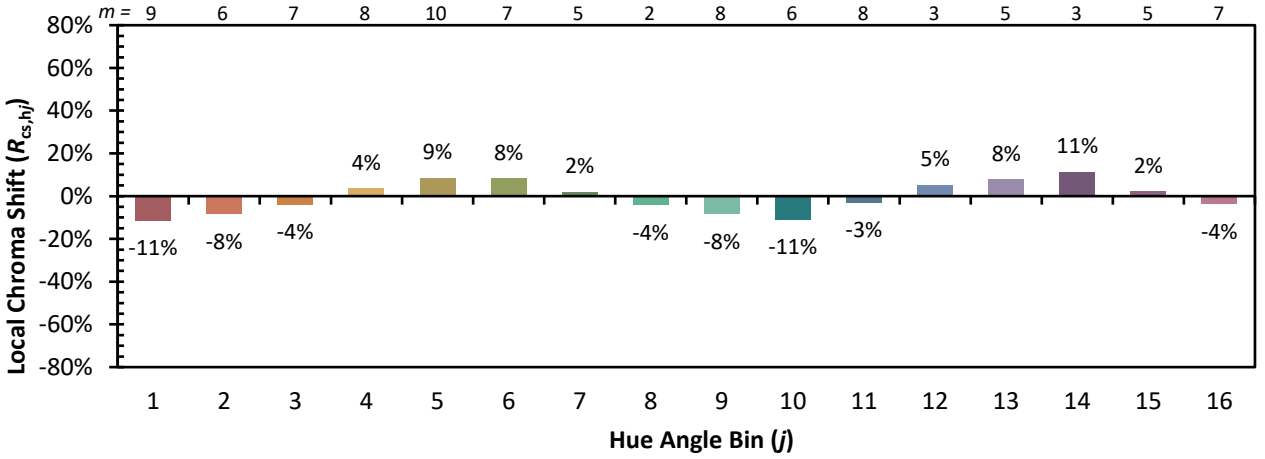
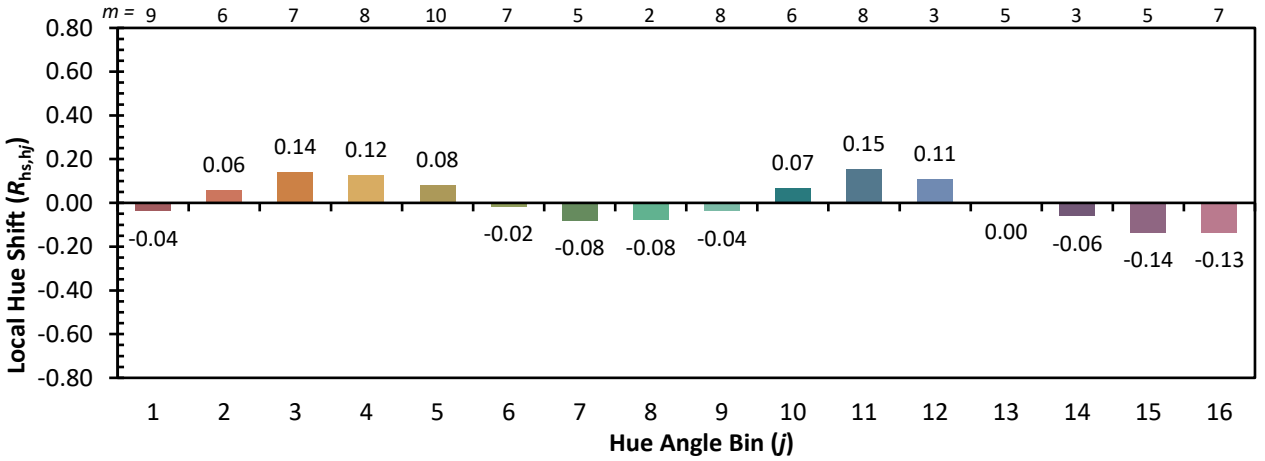
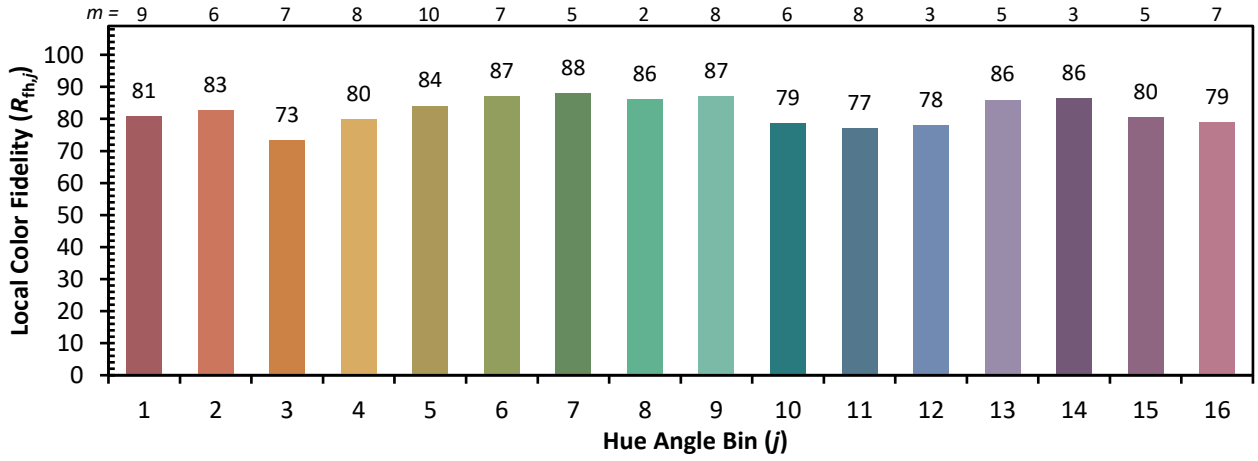
Color Rendition by Hue-Angle Bin







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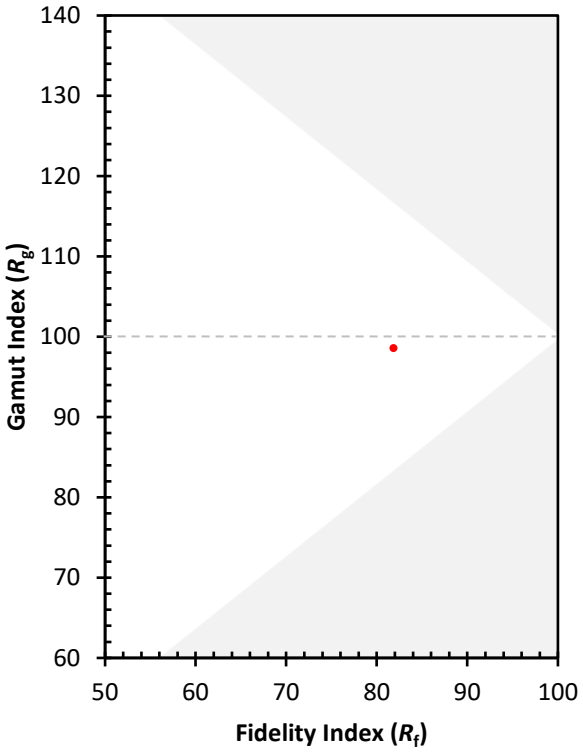
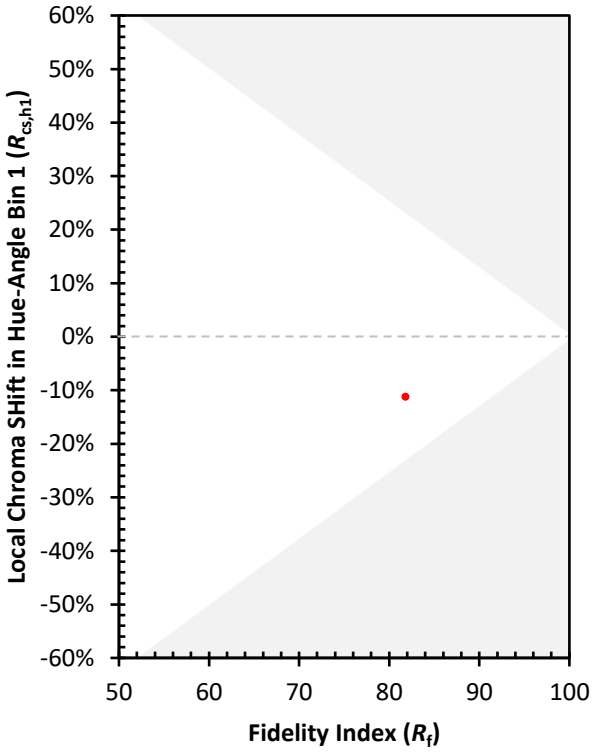
Measure Comparisons





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