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: P1457278

Luminaire Tested: GLAN-SB3D-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:	P1457278
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3D-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28577.3 lumens
Efficiency:	N/A
Efficacy:	131.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	218.1
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: P1457278
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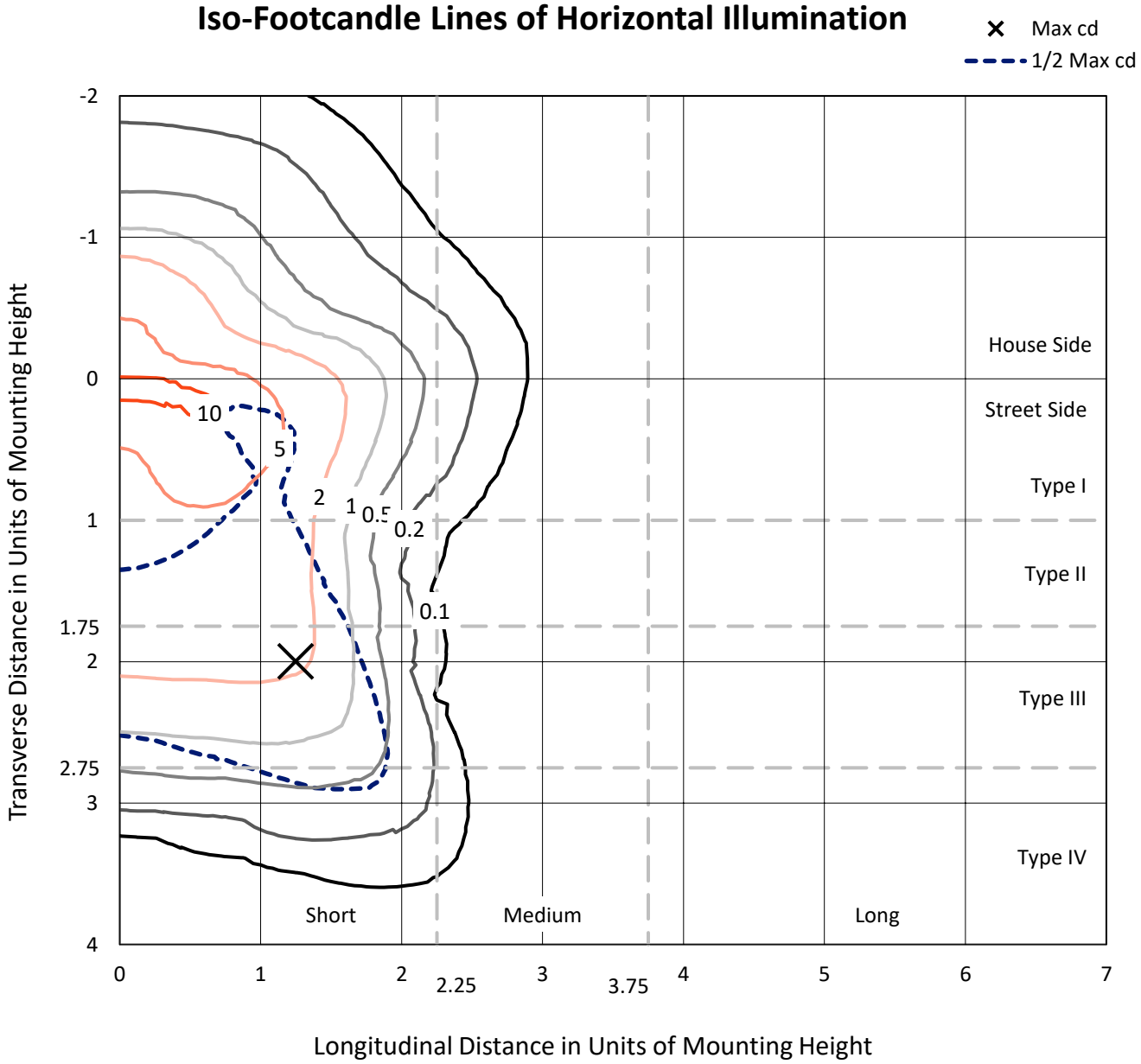
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 11.3 fc
Type IV - Short - N/A

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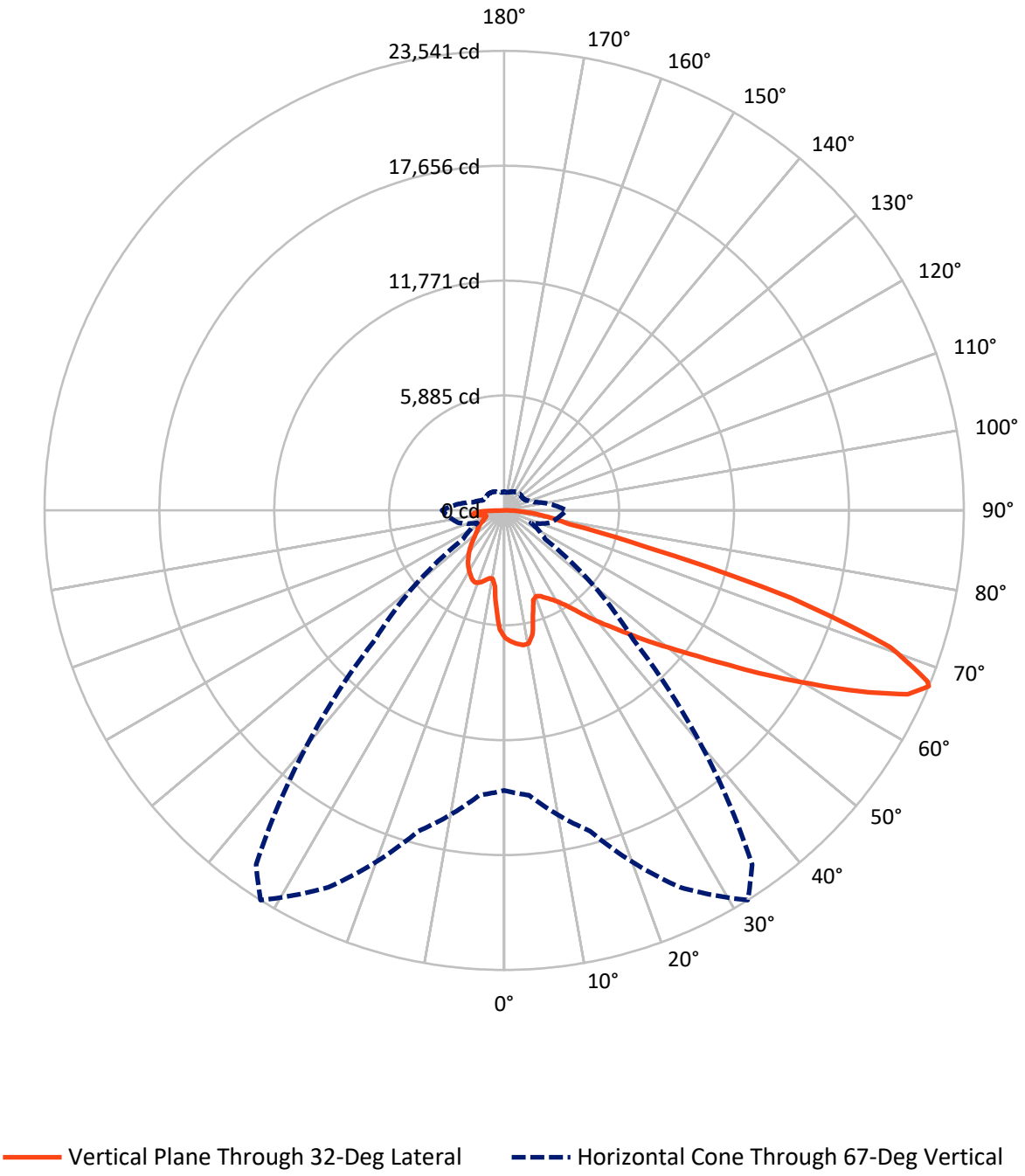
Luminous Intensity Polar Plot



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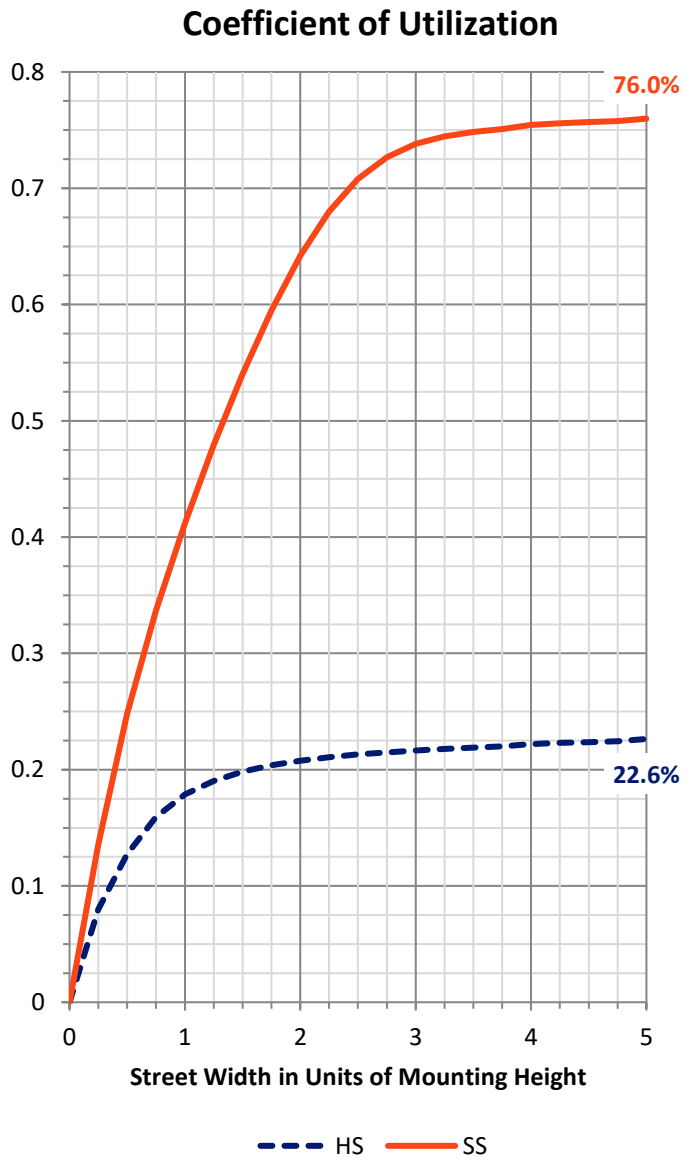
CATALOG NUMBER: GLAN-SB3D-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6765.6	0.0	6765.6
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	21811.8	0.0	21811.8
	% Fixture	76.3	0.0	76.3
Total	Lumens	28577.3	0.0	28577.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	570.5	2.0
10°-20°	1514.7	5.3
20°-30°	2473.6	8.7
30°-40°	3645.9	12.8
40°-50°	5027.9	17.6
50°-60°	6351.8	22.2
60°-70°	6147.4	21.5
70°-80°	2194.0	7.7
80°-90°	651.5	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°	28577.3	100.0
0°-180°	28577.3	100.0



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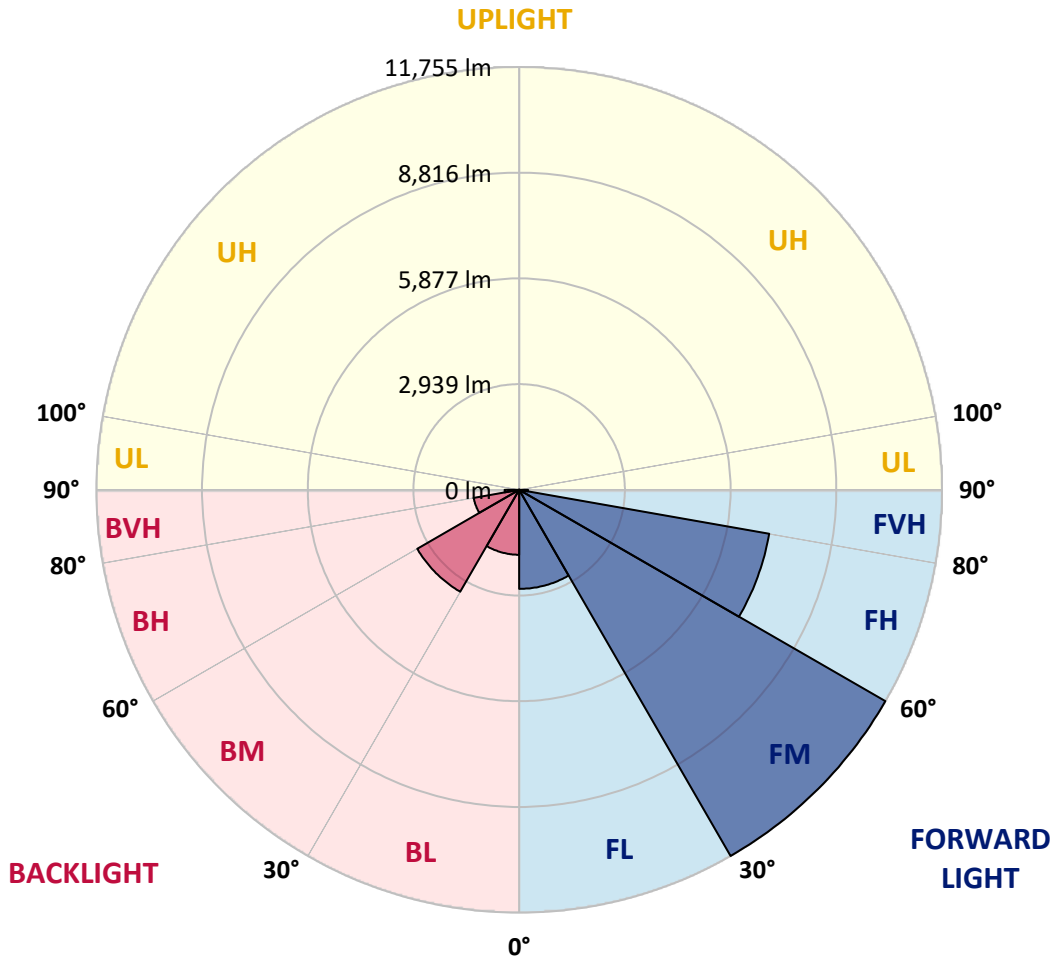
CATALOG NUMBER: GLAN-SB3D-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2753.5	9.6			
FM	(30°-60°)	11754.8	41.1			
FH	(60°-80°)	7058.0	24.7			G3/7500
FVH	(80°-90°)	245.5	0.9			G3/500
BL	(0°-30°)	1805.4	6.3	B3/2500		
BM	(30°-60°)	3270.9	11.4	B3/5000		
BH	(60°-80°)	1283.3	4.5	B3/2500		G3/2500
BVH	(80°-90°)	406.0	1.4			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Short



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REPORT NUMBER: P1457278
CATALOG NUMBER: GLAN-SB3D-840-U-T4LG

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4
2.5°	6776.8	6757.8	6738.8	6751.4	6726.1	6719.7	6688.0	6675.3	6637.2	6630.9	6561.1
5°	6916.4	6878.3	6872.0	6884.7	6859.3	6859.3	6833.9	6814.9	6757.8	6726.1	6624.5
7.5°	6916.4	6910.1	6922.8	6967.2	6973.5	6973.5	6973.5	6979.9	6922.8	6878.3	6719.7
10°	6523.0	6459.6	6599.2	6821.2	6929.1	6992.6	7106.8	7176.6	7132.2	7100.4	6884.7
12.5°	5349.1	5355.5	5577.6	6053.5	6484.9	6669.0	7144.9	7398.7	7417.7	7366.9	7094.1
15°	4536.9	4568.6	4682.9	5025.5	5520.4	5793.3	6922.8	7595.4	7747.7	7696.9	7347.9
17.5°	4289.5	4308.5	4359.2	4556.0	4835.1	5057.2	6320.0	7722.3	8147.4	8084.0	7633.4
20°	4251.4	4264.1	4327.5	4492.5	4682.9	4809.8	5704.5	7620.8	8521.8	8496.4	7893.6
22.5°	4257.7	4270.4	4352.9	4581.3	4778.0	4885.9	5507.8	7386.0	8915.2	8940.6	8160.1
25°	4270.4	4276.8	4403.7	4708.2	4955.7	5089.0	5634.7	7176.6	9245.2	9460.9	8452.0
27.5°	4340.2	4359.2	4530.6	4873.2	5165.1	5317.4	5932.9	7246.4	9606.8	10051.0	8801.0
30°	4530.6	4543.3	4752.7	5108.0	5425.3	5583.9	6288.2	7525.6	10051.0	10660.2	9143.6
32.5°	4828.8	4841.5	5082.6	5450.6	5793.3	5983.7	6751.4	8058.6	10546.0	11301.1	9486.3
35°	5241.3	5247.6	5520.4	5913.9	6275.5	6491.3	7290.8	8661.4	11059.9	11846.8	9740.1
37.5°	5729.8	5774.3	6053.5	6465.9	6891.0	7087.7	7925.3	9365.7	11516.8	12310.0	9886.0
40°	6402.4	6415.1	6688.0	7087.7	7538.3	7728.6	8559.9	10032.0	12018.1	12582.8	10019.3
42.5°	7094.1	7202.0	7430.4	7874.6	8210.9	8363.2	9283.2	10641.1	12417.8	12595.5	9962.2
45°	8020.5	8103.0	8331.4	8724.8	9061.1	9238.8	10063.7	11199.5	12620.9	12487.6	9835.3
47.5°	9080.2	9130.9	9315.0	9670.3	10044.7	10171.6	10875.9	11516.8	12697.0	12411.5	9778.2
50°	10330.2	10330.2	10463.5	10768.0	11110.7	11288.4	11624.7	11707.2	12919.1	12278.2	9924.1
52.5°	11383.5	11434.3	11612.0	12043.5	12386.1	12589.2	12208.4	11999.0	12468.6	11535.8	9968.5
55°	12392.4	12449.6	12849.3	13388.7	13972.4	14194.5	12938.1	11853.1	10952.1	10450.8	9664.0
57.5°	13356.9	13477.5	13978.8	15032.1	15914.1	15895.1	13864.6	10546.0	8940.6	9251.5	8997.7
60°	14702.2	14829.1	15628.6	16954.7	18033.5	17582.9	13877.3	8775.6	6967.2	7386.0	7747.7
62.5°	15825.3	16041.0	17214.9	19423.1	20413.0	19708.6	12728.8	6719.7	4625.8	5152.4	5990.0
65°	15723.8	16009.3	17830.4	21237.9	22716.3	22062.7	11047.2	4251.4	2385.8	3521.7	4194.3
67°	14340.5	14651.4	17011.9	21301.3	23541.2	22145.2	9327.7	2569.9	1516.5	2443.0	2912.5
67.5°	13547.3	14004.2	16605.8	21180.7	23388.9	21796.2	8553.5	2151.1	1427.7	2271.6	2652.4
70°	8331.4	9067.5	12462.2	18725.1	20965.0	18242.9	4752.7	1218.3	1161.2	1522.9	1833.8
72.5°	2506.4	2728.5	4809.8	12011.7	15387.5	13521.9	2138.4	939.1	1040.6	1224.7	1415.0
75°	1218.3	1300.8	1986.1	4911.3	7493.8	7455.8	1192.9	805.9	964.5	1027.9	1116.8
77.5°	780.5	831.2	1237.3	2747.5	3432.8	3058.5	863.0	704.3	856.6	843.9	831.2
80°	488.6	514.0	793.2	1592.7	2531.8	2113.0	634.5	577.4	736.1	653.6	590.1
82.5°	317.3	349.0	507.6	970.8	1808.4	1573.6	418.8	412.4	609.2	520.3	456.9
85°	209.4	234.8	323.6	571.1	1072.4	1123.1	272.8	285.5	469.6	393.4	349.0
87.5°	76.1	95.2	165.0	253.8	501.3	621.8	114.2	107.9	228.4	184.0	145.9
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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CATALOG NUMBER: GLAN-SB3D-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4	6529.4
2.5°	6548.4	6529.4	6440.5	6364.4	6307.3	6231.1	6148.6	6053.5	5990.0	6002.7	5983.7
5°	6580.1	6529.4	6358.0	6097.9	5844.1	5526.8	5120.7	4879.6	4695.6	4600.4	4625.8
7.5°	6649.9	6561.1	6199.4	5672.7	5012.8	4365.6	3965.8	3737.4	3629.5	3585.1	3578.8
10°	6770.5	6618.2	5996.3	5012.8	4149.9	3712.0	3566.1	3502.6	3489.9	3489.9	3483.6
12.5°	6916.4	6675.3	5653.7	4371.9	3737.4	3578.8	3553.4	3559.7	3578.8	3597.8	3566.1
15°	7094.1	6700.7	5228.6	3984.9	3654.9	3616.8	3654.9	3699.3	3731.1	3756.4	3724.7
17.5°	7271.8	6675.3	4828.8	3800.9	3667.6	3718.4	3794.5	3864.3	3883.3	3921.4	3896.0
20°	7398.7	6586.5	4486.2	3731.1	3699.3	3813.5	3908.7	3984.9	4022.9	4048.3	4022.9
22.5°	7493.8	6472.2	4238.7	3661.3	3699.3	3838.9	3953.1	4042.0	4086.4	4111.8	4080.1
25°	7576.3	6313.6	4048.3	3559.7	3623.2	3756.4	3883.3	3972.2	4035.6	4073.7	4054.7
27.5°	7677.9	6186.7	3870.7	3407.4	3464.6	3591.5	3724.7	3832.6	3953.1	4016.6	4003.9
30°	7792.1	6123.3	3699.3	3242.5	3280.5	3407.4	3566.1	3712.0	3877.0	3959.5	3959.5
32.5°	7925.3	6078.8	3540.7	3083.8	3115.6	3255.2	3407.4	3540.7	3718.4	3851.6	3845.3
35°	7982.4	6028.1	3413.8	2937.9	3001.3	3115.6	3236.1	3325.0	3509.0	3667.6	3680.3
37.5°	8039.5	6009.0	3350.3	2823.7	2874.4	2963.3	3026.7	3071.1	3242.5	3407.4	3413.8
40°	8109.3	6097.9	3394.8	2747.5	2703.1	2791.9	2823.7	2849.1	2937.9	3045.8	3045.8
42.5°	8064.9	6161.3	3496.3	2677.7	2493.7	2595.2	2607.9	2601.6	2607.9	2614.3	2607.9
45°	7950.7	6097.9	3496.3	2569.9	2271.6	2379.5	2373.2	2341.4	2290.7	2157.4	2138.4
47.5°	7925.3	6059.8	3363.0	2392.2	2049.5	2138.4	2151.1	2087.6	1941.7	1802.1	1757.7
50°	8033.2	6129.6	3153.6	2176.5	1859.2	1935.3	1967.1	1859.2	1694.2	1548.3	1522.9
52.5°	8191.8	6218.4	2849.1	1941.7	1700.6	1776.7	1814.8	1694.2	1522.9	1408.7	1396.0
55°	8172.8	6218.4	2506.4	1725.9	1580.0	1637.1	1700.6	1573.6	1440.4	1376.9	1370.6
57.5°	7760.4	5983.7	2252.6	1573.6	1465.8	1516.5	1599.0	1478.5	1351.6	1364.2	1383.3
60°	6954.5	5374.5	2062.2	1472.1	1364.2	1415.0	1503.8	1364.2	1199.3	1154.9	1154.9
62.5°	5729.8	4429.0	1909.9	1370.6	1269.1	1332.5	1376.9	1192.9	1085.1	1034.3	1034.3
65°	4295.8	3426.5	1751.3	1288.1	1186.6	1256.4	1205.6	1116.8	1008.9	970.8	977.2
67°	*3185.4*	*2658.7*	*1618.1*	*1218.3*	*1135.8*	*1167.5*	*1129.5*	*1066.0*	*958.1*	*926.4*	*958.1*
67.5°	2861.7	2525.4	1586.3	1199.3	1123.1	1148.5	1110.4	1059.7	945.5	913.7	945.5
70°	1967.1	1941.7	1415.0	1110.4	1053.3	1027.9	1047.0	983.5	888.3	875.7	907.4
72.5°	1497.5	1548.3	1269.1	1034.3	977.2	945.5	989.9	926.4	831.2	850.3	882.0
75°	1173.9	1250.0	1135.8	926.4	888.3	894.7	983.5	958.1	882.0	901.0	907.4
77.5°	869.3	1008.9	970.8	805.9	774.1	863.0	1110.4	1186.6	1053.3	1021.6	977.2
80°	634.5	723.4	818.5	666.3	647.2	831.2	1370.6	1516.5	1300.8	1173.9	1142.2
82.5°	469.6	507.6	672.6	533.0	469.6	742.4	1522.9	1783.0	1548.3	1307.1	1269.1
85°	336.3	393.4	533.0	393.4	310.9	609.2	1491.2	1745.0	1535.6	1237.3	1205.6
87.5°	120.6	171.3	228.4	177.7	158.6	418.8	1231.0	1256.4	958.1	437.8	444.2
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

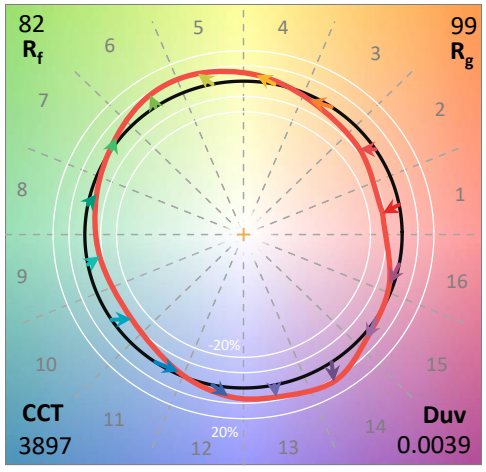
Test Information

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

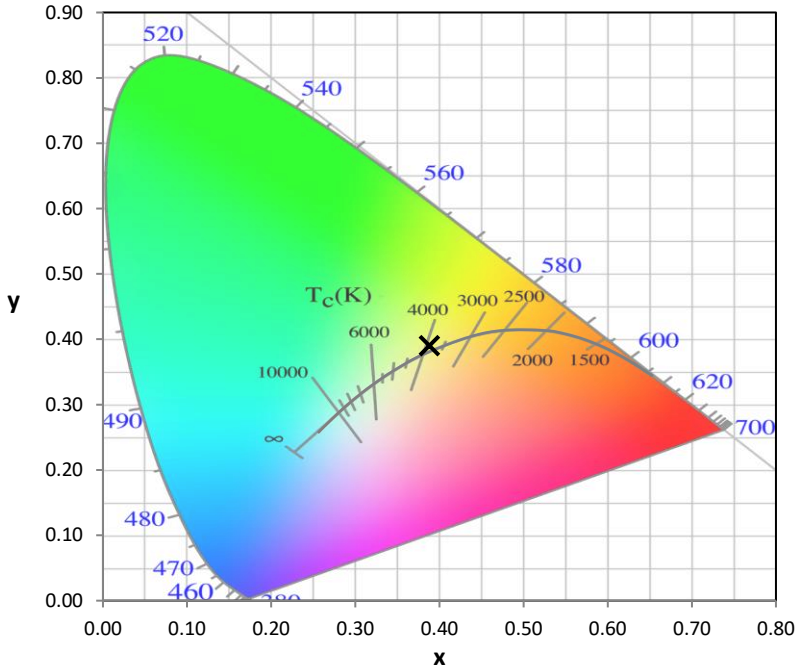
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

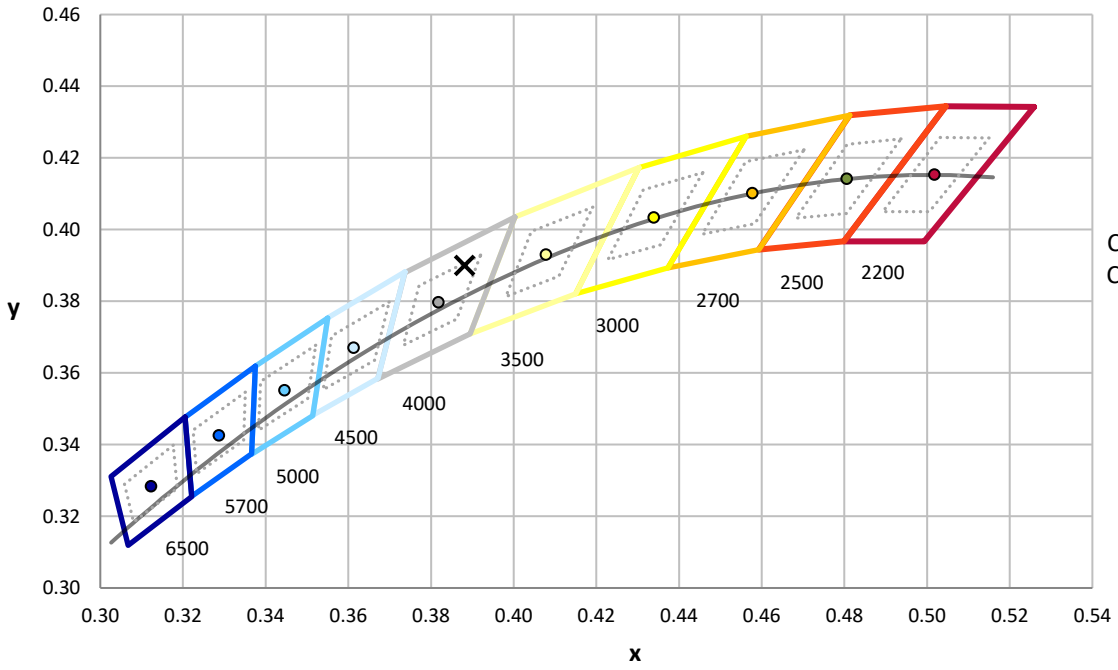
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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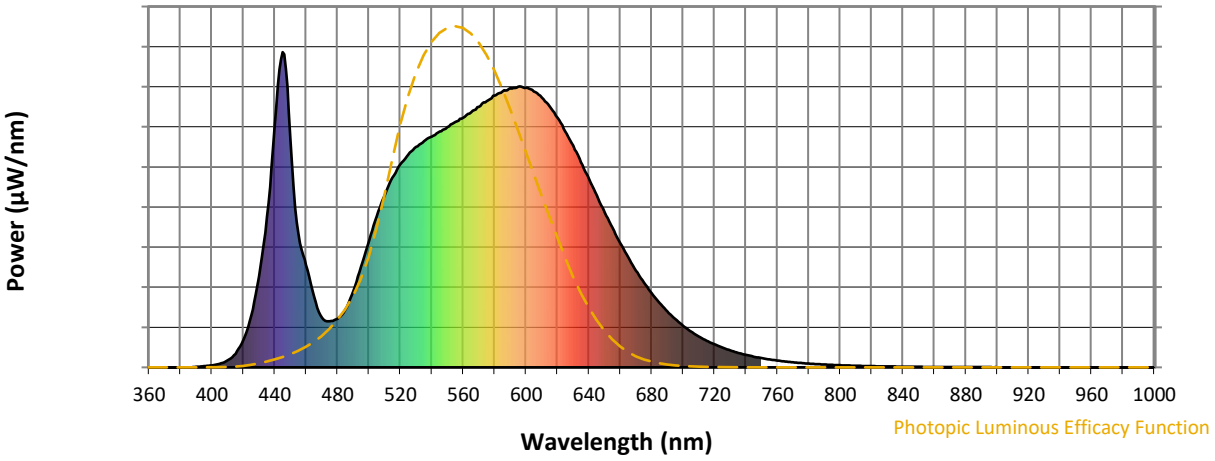
Photopic Flux vs. Wavelength



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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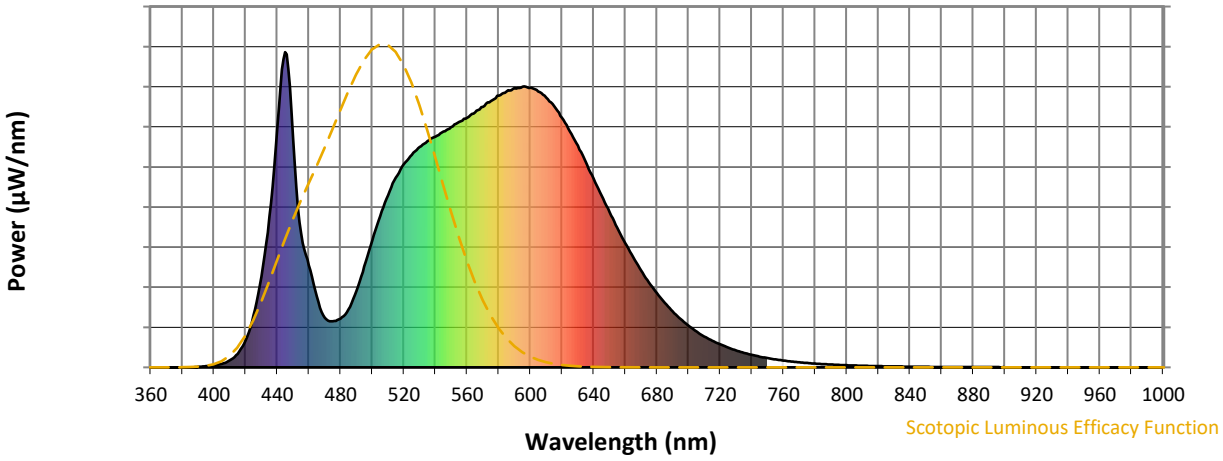
Scotopic Flux vs. Wavelength



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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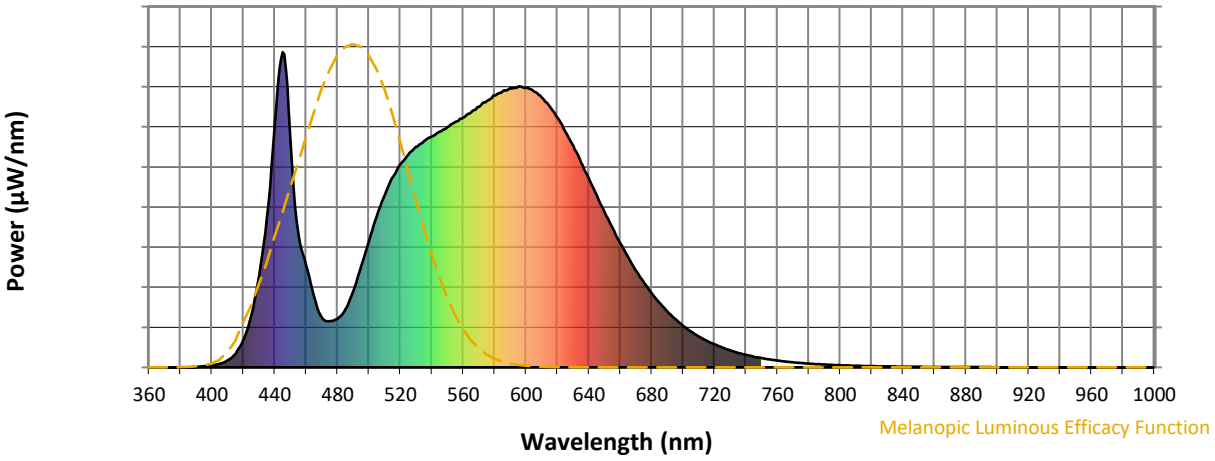
Melanopic Flux vs. Wavelength



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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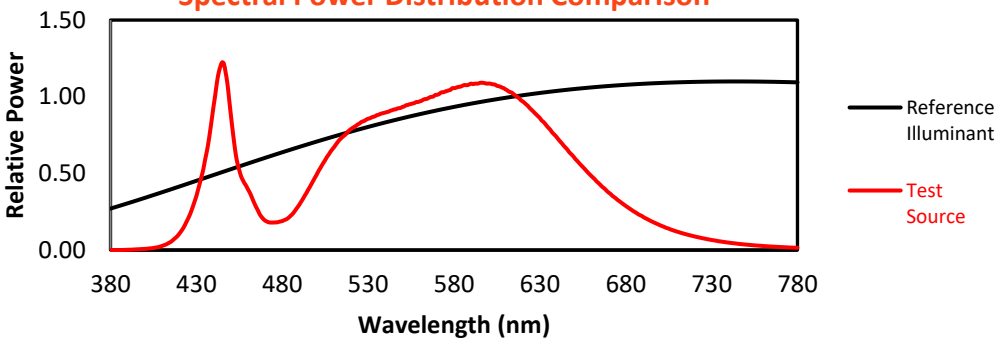
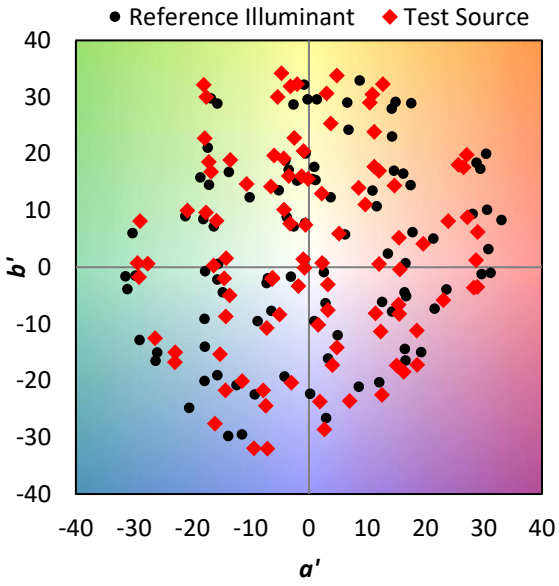
Summary

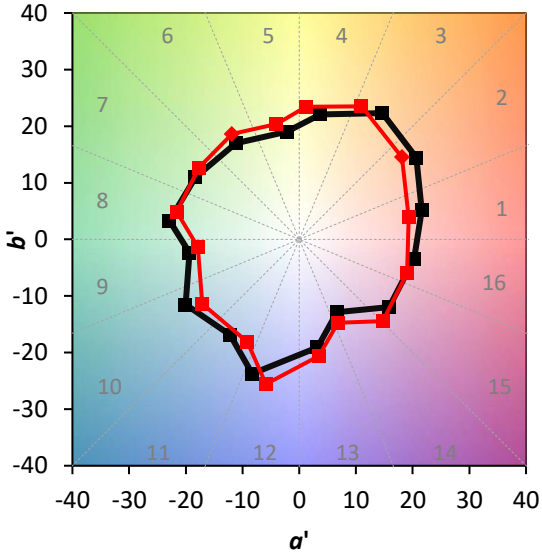
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

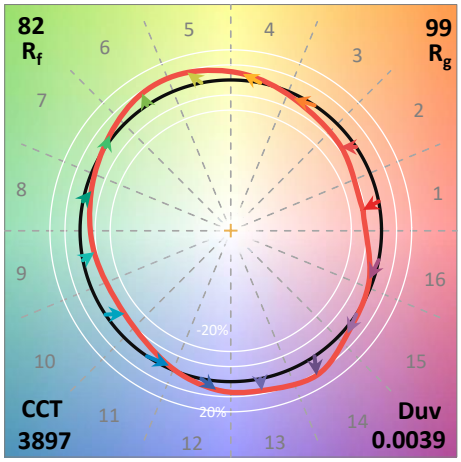
Spectral Power Distribution Comparison

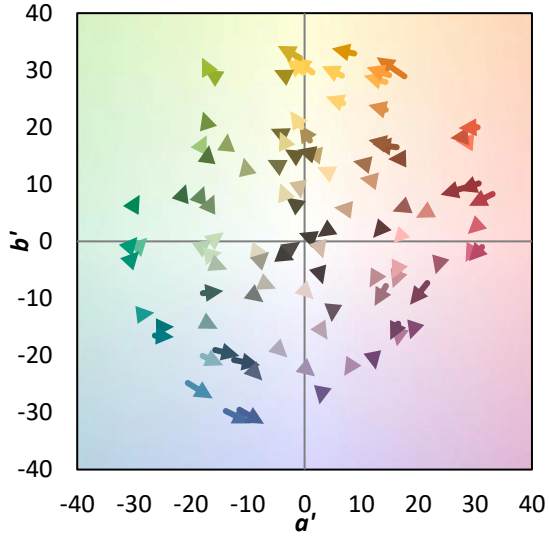


Color Vector Graphics









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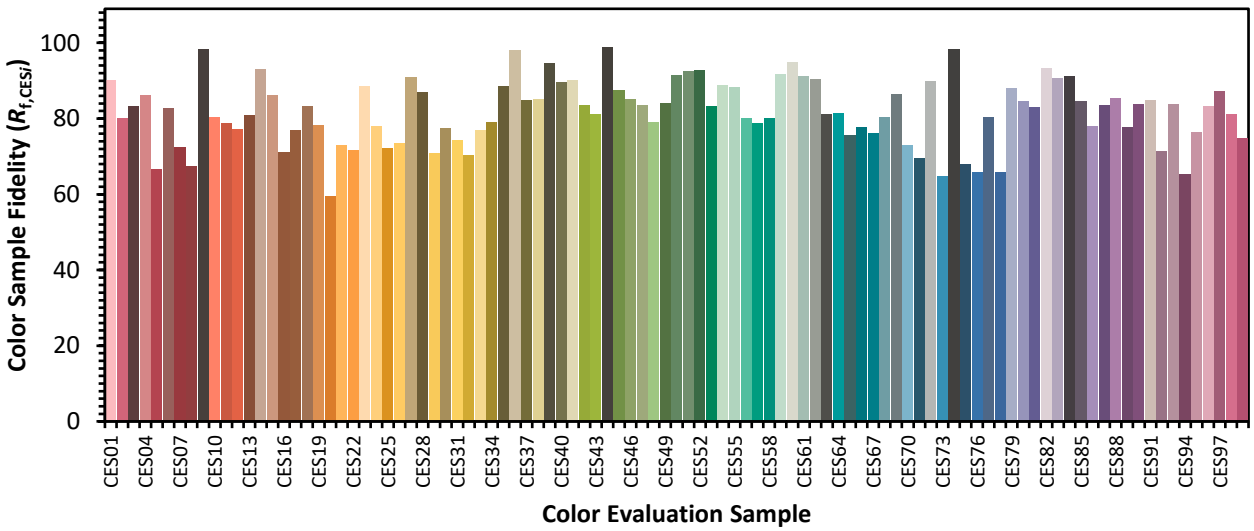
Individual Sample Fidelity Index ($R_{f,i}$)

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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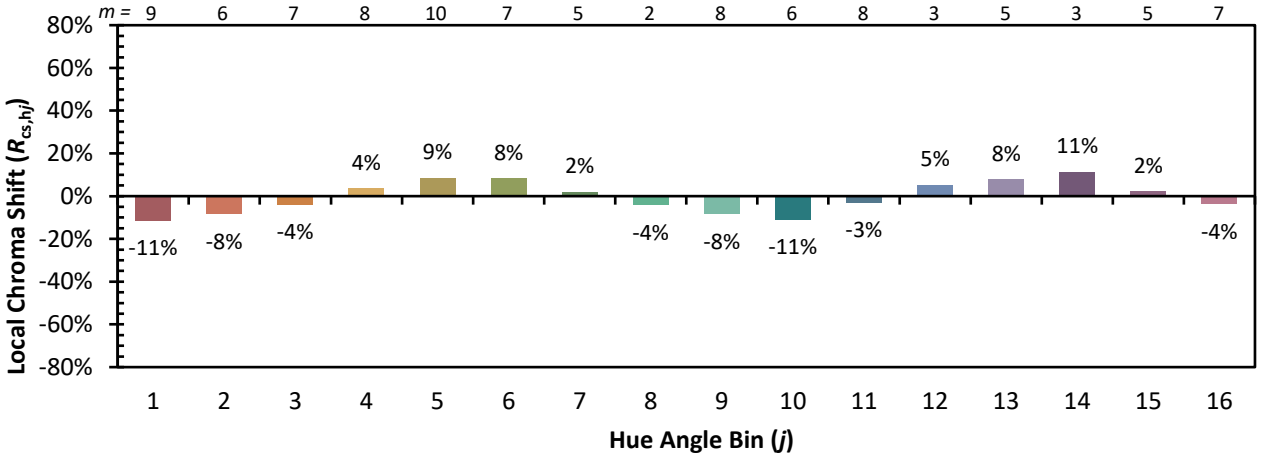
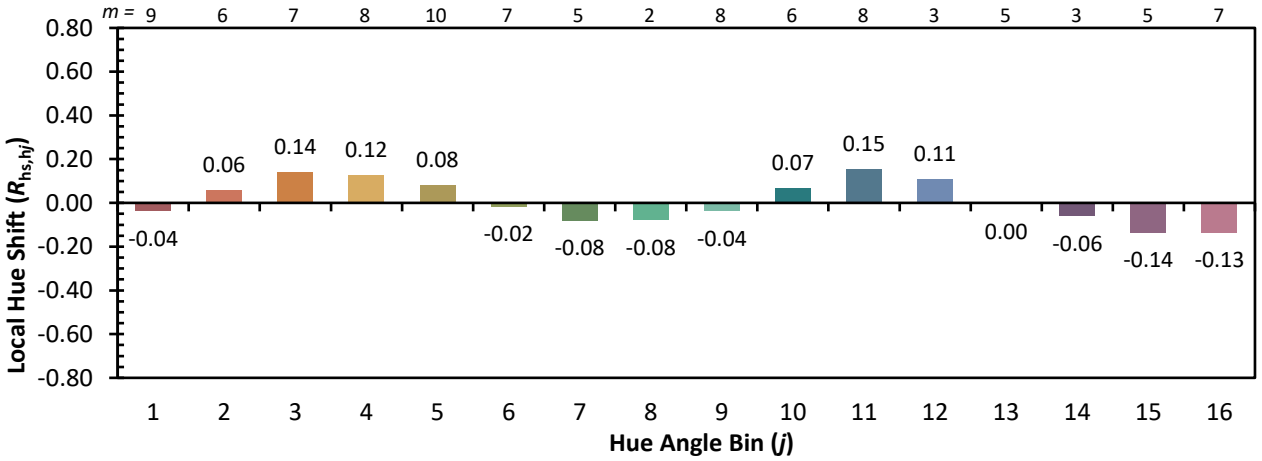
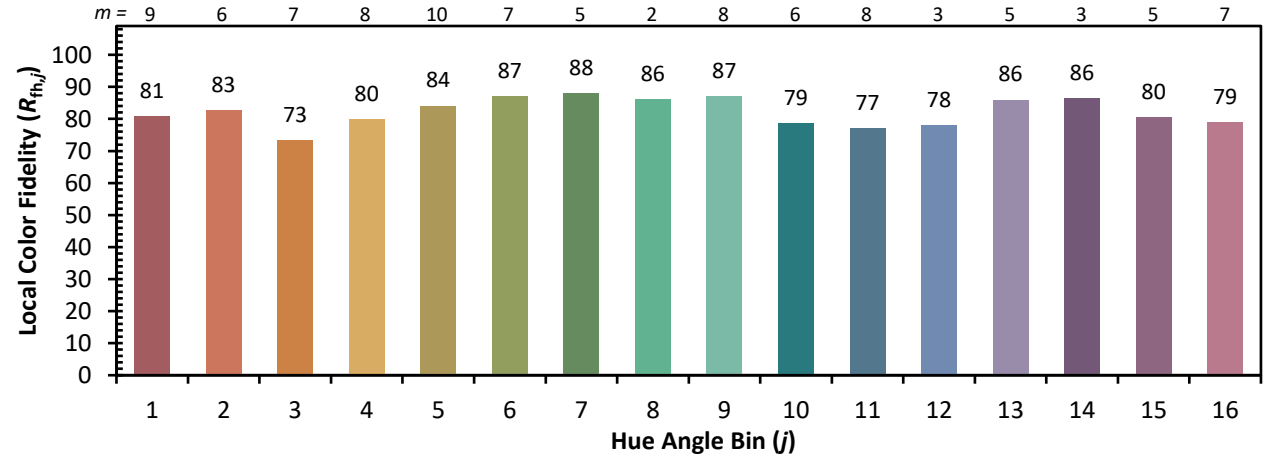
Color Rendition by Hue-Angle Bin







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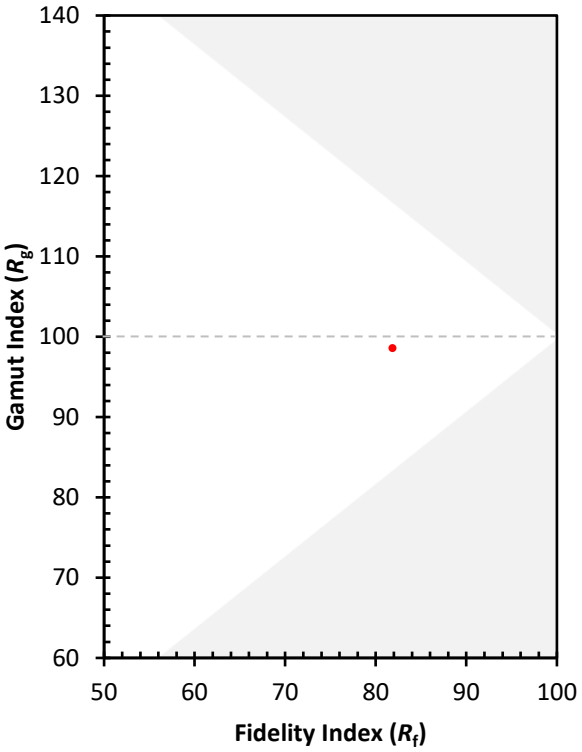
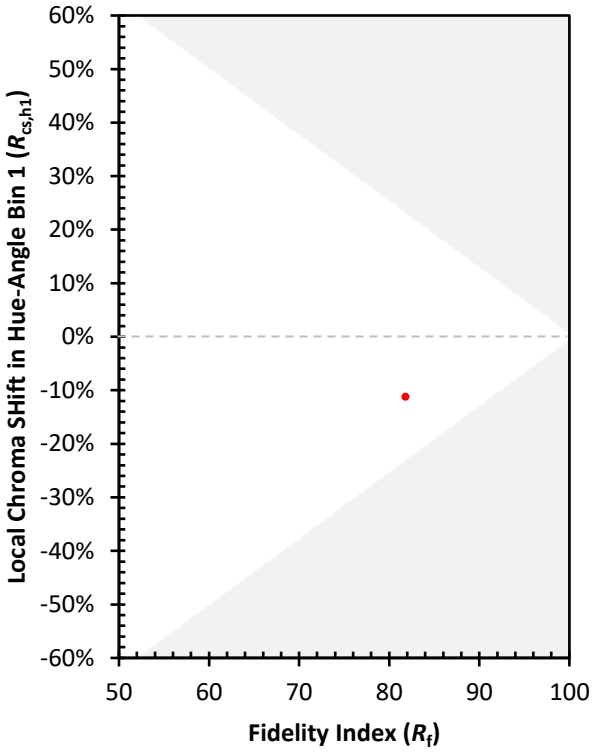
Measure Comparisons





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