Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1457247

Luminaire Tested: GLAN-SB5A-835-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:	P1457247
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5A-835-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 5xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(130) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20575.8 lumens
Efficiency:	N/A
Efficacy:	145.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	141.7
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: P1457247
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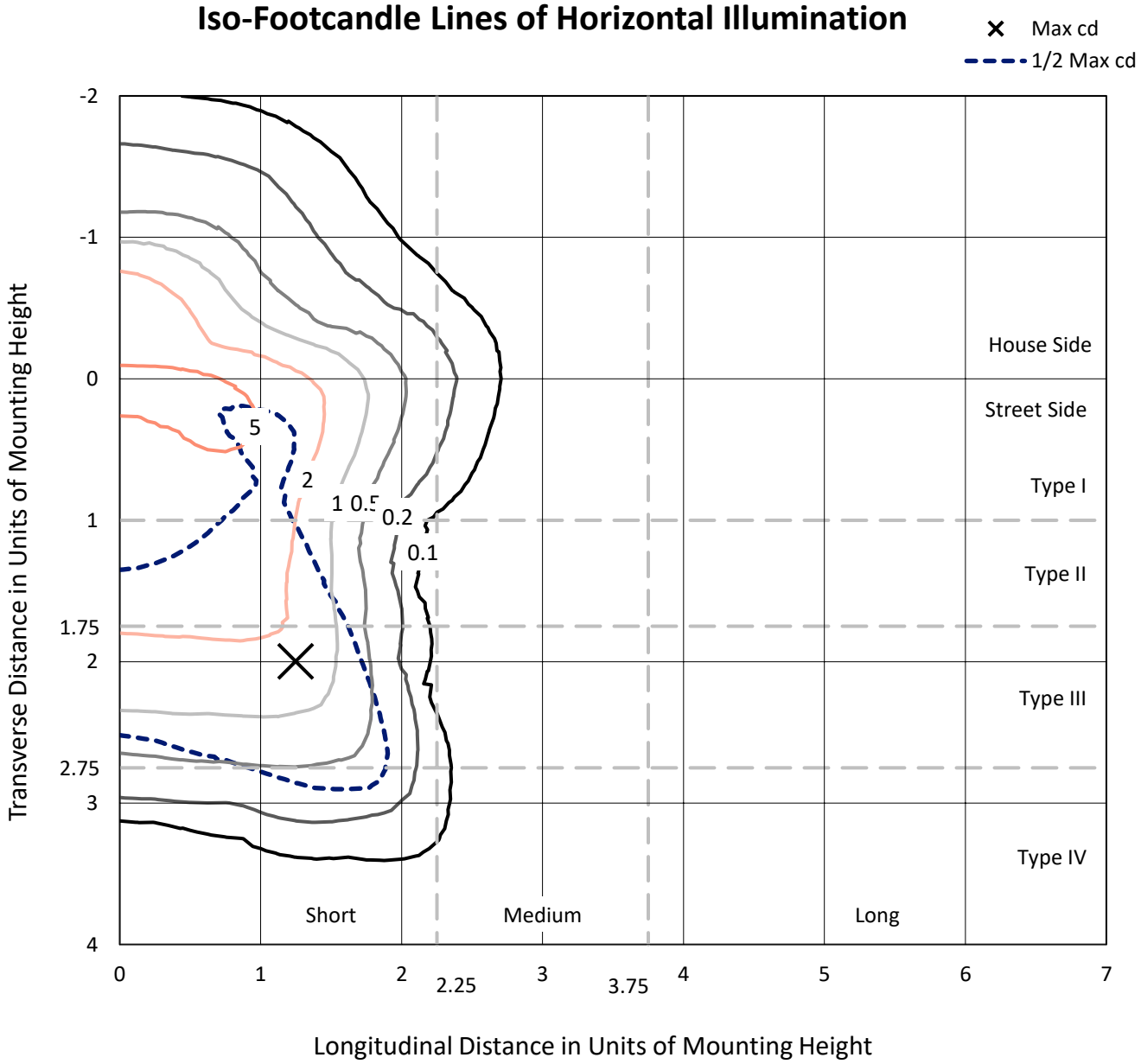
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.1 fc
Type IV - Short - N/A

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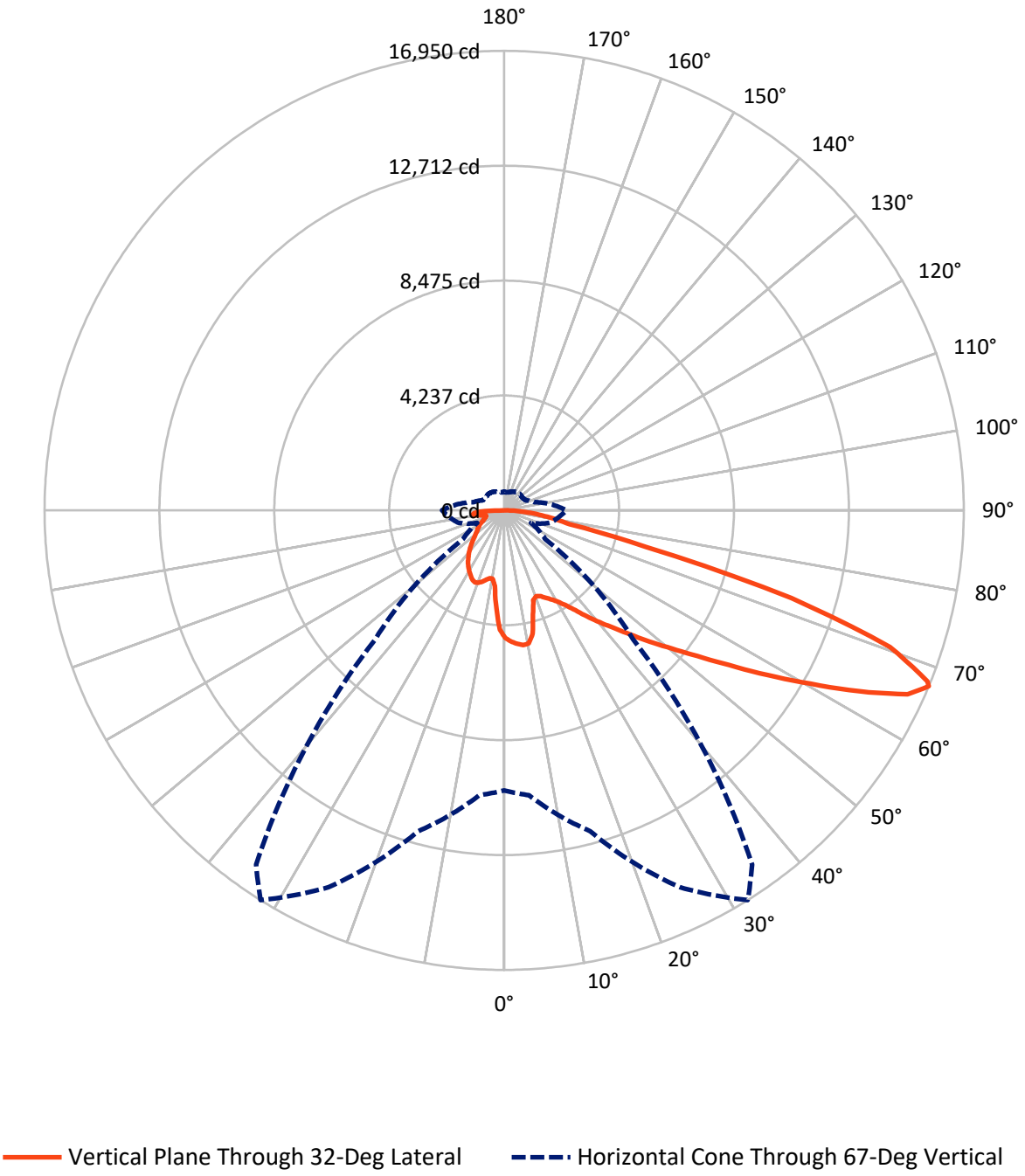
Luminous Intensity Polar Plot



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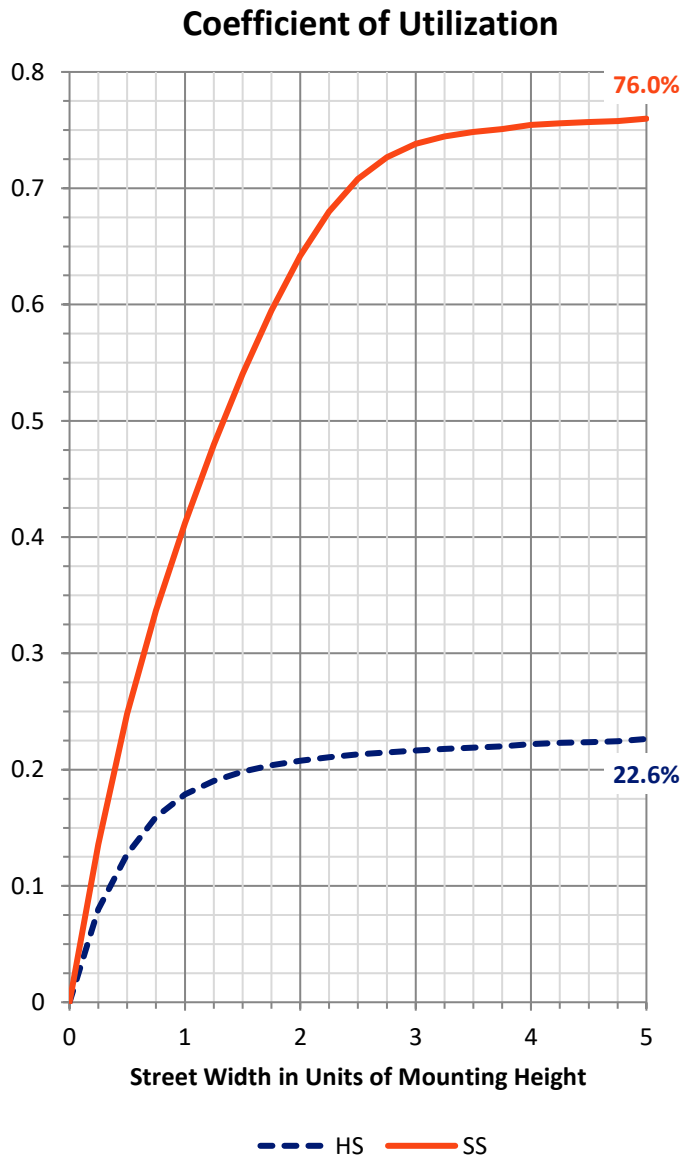
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4871.2	0.0	4871.2
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	15704.6	0.0	15704.6
	% Fixture	76.3	0.0	76.3
Total	Lumens	20575.8	0.0	20575.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	410.8	2.0
10°-20°	1090.6	5.3
20°-30°	1781.0	8.7
30°-40°	2625.1	12.8
40°-50°	3620.1	17.6
50°-60°	4573.3	22.2
60°-70°	4426.1	21.5
70°-80°	1579.7	7.7
80°-90°	469.1	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°	20575.8	100.0
0°-180°	20575.8	100.0



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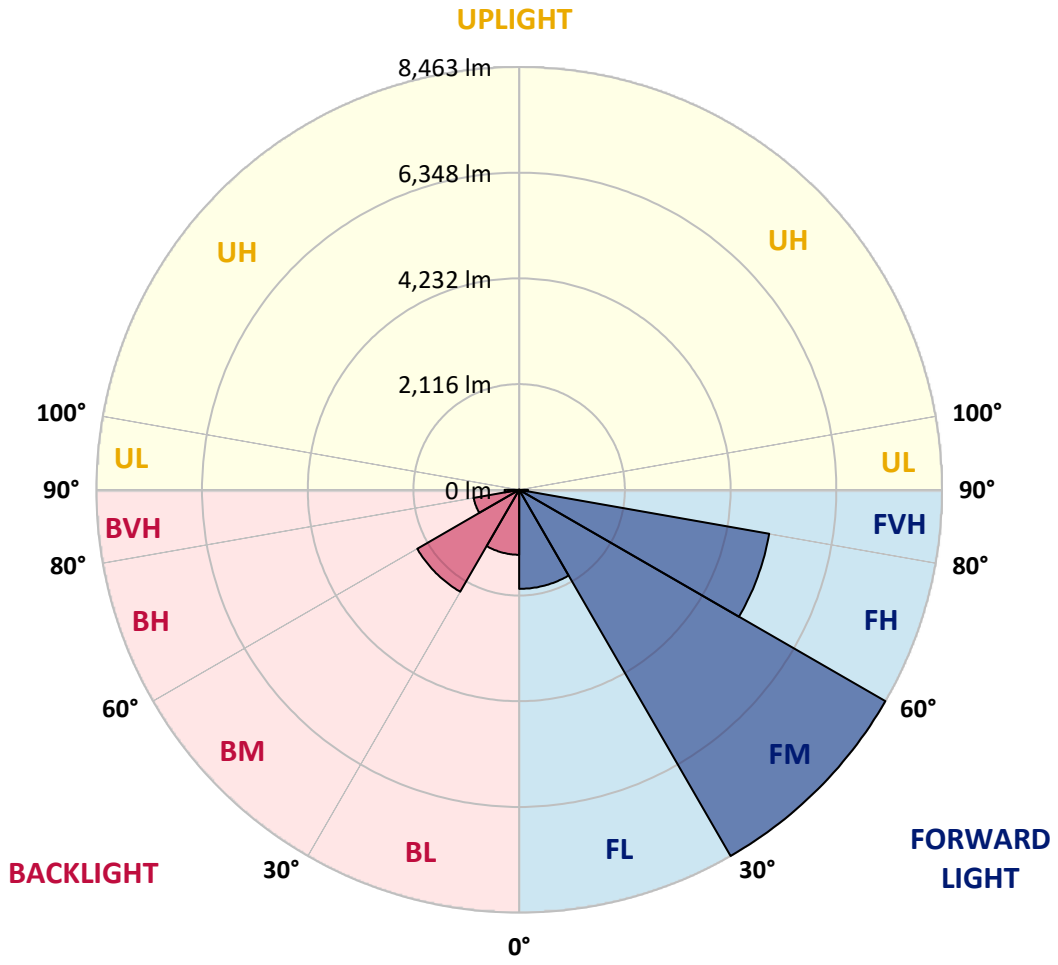
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1982.5	9.6			
FM	(30°-60°)	8463.5	41.1			
FH	(60°-80°)	5081.8	24.7			G3/7500
FVH	(80°-90°)	176.8	0.9			G2/225
BL	(0°-30°)	1299.9	6.3	B3/2500		
BM	(30°-60°)	2355.0	11.4	B2/2500		
BH	(60°-80°)	924.0	4.5	B2/1000		G2/1000
BVH	(80°-90°)	292.3	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: P1457247
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	4701.2	4701.2	4701.2	4701.2	*4701.2*	4701.2	4701.2	4701.2	4701.2	4701.2	4701.2
2.5°	4879.4	4865.6	4851.9	4861.1	*4842.8*	4838.2	4815.4	4806.3	4778.8	4774.3	4724.0
5°	4979.9	4952.5	4947.9	4957.0	*4938.7*	4938.7	4920.5	4906.8	4865.6	4842.8	4769.7
7.5°	4979.9	4975.3	4984.4	5016.4	*5021.0*	5021.0	5021.0	5025.5	4984.4	4952.5	4838.2
10°	4696.6	4650.9	4751.4	4911.3	*4989.0*	5034.7	5116.9	5167.2	5135.2	5112.4	4957.0
12.5°	3851.4	3856.0	4015.9	4358.5	*4669.2*	4801.7	5144.3	5327.1	5340.8	5304.2	5107.8
15°	3266.6	3289.5	3371.7	3618.4	*3974.8*	4171.2	4984.4	5468.7	5578.4	5541.8	5290.5
17.5°	3088.4	3102.1	3138.7	3280.3	*3481.3*	3641.2	4550.4	5560.1	5866.2	5820.5	5496.1
20°	3061.0	3070.2	3115.8	3234.6	*3371.7*	3463.1	4107.2	5487.0	6135.7	6117.5	5683.4
22.5°	3065.6	3074.7	3134.1	3298.6	*3440.2*	3517.9	3965.6	5317.9	6419.0	6437.3	5875.3
25°	3074.7	3079.3	3170.7	3390.0	*3568.1*	3664.1	4057.0	5167.2	6656.6	6811.9	6085.5
27.5°	3125.0	3138.7	3262.0	3508.7	*3718.9*	3828.6	4271.7	5217.4	6917.0	7236.8	6336.8
30°	3262.0	3271.2	3421.9	3677.8	*3906.2*	4020.4	4527.6	5418.5	7236.8	7675.4	6583.5
32.5°	3476.8	3485.9	3659.5	3924.5	*4171.2*	4308.3	4861.1	5802.2	7593.1	8136.8	6830.2
35°	3773.7	3778.3	3974.8	4258.0	*4518.4*	4673.8	5249.4	6236.3	7963.2	8529.7	7012.9
37.5°	4125.5	4157.5	4358.5	4655.5	*4961.6*	5103.2	5706.3	6743.4	8292.2	8863.2	7118.0
40°	4609.8	4618.9	4815.4	5103.2	*5427.6*	5564.7	6163.2	7223.1	8653.1	9059.7	7213.9
42.5°	5107.8	5185.5	5349.9	5669.7	*5911.9*	6021.5	6684.0	7661.7	8940.9	9068.8	7172.8
45°	5774.8	5834.2	5998.7	6281.9	*6524.1*	6652.0	7245.9	8063.7	9087.1	8991.2	7081.5
47.5°	6537.8	6574.3	6706.8	6962.7	*7232.2*	7323.6	7830.7	8292.2	9141.9	8936.3	7040.3
50°	7437.8	7437.8	7533.8	7753.1	*7999.8*	8127.7	8369.8	8429.2	9301.8	8840.4	7145.4
52.5°	8196.2	8232.8	8360.7	8671.4	*8918.1*	9064.3	8790.1	8639.4	8977.5	8305.9	7177.4
55°	8922.6	8963.8	9251.6	9639.9	*10060.2*	10220.1	9315.5	8534.3	7885.5	7524.6	6958.1
57.5°	9617.1	9703.9	10064.8	10823.2	*11458.3*	11444.5	9982.6	7593.1	6437.3	6661.1	6478.4
60°	10585.6	10677.0	11252.7	12207.5	*12984.2*	12659.8	9991.7	6318.5	5016.4	5317.9	5578.4
62.5°	11394.3	11549.6	12394.8	13984.7	*14697.4*	14190.3	9164.8	4838.2	3330.6	3709.8	4312.8
65°	11321.2	11526.8	12838.0	15291.4	*16355.9*	15885.3	7954.1	3061.0	1717.8	2535.6	3019.9
67°	*10325.2*	*10549.1*	*12248.6*	*15337.1*	*16949.8*	*15944.7*	*6716.0*	*1850.3*	*1091.9*	*1758.9*	*2097.0*
67.5°	9754.1	10083.1	11956.2	15250.3	*16840.2*	15693.4	6158.6	1548.8	1028.0	1635.6	1909.7
70°	5998.7	6528.6	8972.9	13482.2	*15094.9*	13135.0	3421.9	877.2	836.1	1096.5	1320.3
72.5°	1804.6	1964.5	3463.1	8648.5	*11079.1*	9735.9	1539.6	676.2	749.3	881.8	1018.8
75°	877.2	936.6	1430.0	3536.2	*5395.6*	5368.2	858.9	580.2	694.4	740.1	804.1
77.5°	561.9	598.5	890.9	1978.2	*2471.7*	2202.1	621.3	507.1	616.8	607.6	598.5
80°	351.8	370.1	571.1	1146.7	*1822.9*	1521.4	456.9	415.8	530.0	470.6	424.9
82.5°	228.4	251.3	365.5	699.0	*1302.1*	1133.0	301.5	297.0	438.6	374.6	328.9
85°	150.8	169.0	233.0	411.2	*772.1*	808.7	196.5	205.6	338.1	283.3	251.3
87.5°	54.8	68.5	118.8	182.7	*360.9*	447.7	82.2	77.7	164.5	132.5	105.1
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: P1457247
CATALOG NUMBER: GLAN-SB5A-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4701.2	4701.2	4701.2	4701.2	4701.2	4701.2	4701.2	4701.2	4701.2	4701.2	4701.2
2.5°	4714.9	4701.2	4637.2	4582.4	4541.3	4486.4	4427.1	4358.5	4312.8	4322.0	4308.3
5°	4737.7	4701.2	4577.8	4390.5	4207.8	3979.3	3686.9	3513.3	3380.8	3312.3	3330.6
7.5°	4788.0	4724.0	4463.6	4084.4	3609.3	3143.3	2855.4	2691.0	2613.3	2581.3	2576.7
10°	4874.8	4765.1	4317.4	3609.3	2987.9	2672.7	2567.6	2521.9	2512.8	2512.8	2508.2
12.5°	4979.9	4806.3	4070.7	3147.8	2691.0	2576.7	2558.5	2563.0	2576.7	2590.4	2567.6
15°	5107.8	4824.5	3764.6	2869.1	2631.6	2604.1	2631.6	2663.5	2686.4	2704.7	2681.8
17.5°	5235.7	4806.3	3476.8	2736.6	2640.7	2677.2	2732.1	2782.3	2796.0	2823.4	2805.2
20°	5327.1	4742.3	3230.1	2686.4	2663.5	2745.8	2814.3	2869.1	2896.5	2914.8	2896.5
22.5°	5395.6	4660.1	3051.9	2636.1	2663.5	2764.1	2846.3	2910.3	2942.2	2960.5	2937.7
25°	5455.0	4545.8	2914.8	2563.0	2608.7	2704.7	2796.0	2860.0	2905.7	2933.1	2919.4
27.5°	5528.1	4454.5	2786.9	2453.4	2494.5	2585.9	2681.8	2759.5	2846.3	2892.0	2882.8
30°	5610.3	4408.8	2663.5	2334.6	2362.0	2453.4	2567.6	2672.7	2791.5	2850.9	2850.9
32.5°	5706.3	4376.8	2549.3	2220.4	2243.2	2343.7	2453.4	2549.3	2677.2	2773.2	2768.6
35°	5747.4	4340.2	2458.0	2115.3	2161.0	2243.2	2330.0	2394.0	2526.5	2640.7	2649.8
37.5°	5788.5	4326.5	2412.3	2033.1	2069.6	2133.6	2179.3	2211.2	2334.6	2453.4	2458.0
40°	5838.8	4390.5	2444.2	1978.2	1946.3	2010.2	2033.1	2051.3	2115.3	2193.0	2193.0
42.5°	5806.8	4436.2	2517.3	1928.0	1795.5	1868.6	1877.7	1873.2	1877.7	1882.3	1877.7
45°	5724.6	4390.5	2517.3	1850.3	1635.6	1713.3	1708.7	1685.8	1649.3	1553.4	1539.6
47.5°	5706.3	4363.1	2421.4	1722.4	1475.7	1539.6	1548.8	1503.1	1398.0	1297.5	1265.5
50°	5784.0	4413.3	2270.6	1567.1	1338.6	1393.4	1416.3	1338.6	1219.8	1114.8	1096.5
52.5°	5898.2	4477.3	2051.3	1398.0	1224.4	1279.2	1306.6	1219.8	1096.5	1014.2	1005.1
55°	5884.5	4477.3	1804.6	1242.7	1137.6	1178.7	1224.4	1133.0	1037.1	991.4	986.8
57.5°	5587.5	4308.3	1621.9	1133.0	1055.4	1091.9	1151.3	1064.5	973.1	982.3	996.0
60°	5007.3	3869.7	1484.8	1059.9	982.3	1018.8	1082.8	982.3	863.5	831.5	831.5
62.5°	4125.5	3188.9	1375.2	986.8	913.7	959.4	991.4	858.9	781.2	744.7	744.7
65°	3093.0	2467.1	1261.0	927.4	854.3	904.6	868.0	804.1	726.4	699.0	703.6
67°	*2293.5*	*1914.3*	*1165.0*	*877.2*	*817.8*	*840.6*	*813.2*	*767.5*	*689.9*	*667.0*	*689.9*
67.5°	2060.5	1818.3	1142.2	863.5	808.7	826.9	799.5	763.0	680.7	657.9	680.7
70°	1416.3	1398.0	1018.8	799.5	758.4	740.1	753.8	708.1	639.6	630.5	653.3
72.5°	1078.2	1114.8	913.7	744.7	703.6	680.7	712.7	667.0	598.5	612.2	635.0
75°	845.2	900.0	817.8	667.0	639.6	644.2	708.1	689.9	635.0	648.8	653.3
77.5°	625.9	726.4	699.0	580.2	557.4	621.3	799.5	854.3	758.4	735.6	703.6
80°	456.9	520.8	589.4	479.7	466.0	598.5	986.8	1091.9	936.6	845.2	822.4
82.5°	338.1	365.5	484.3	383.8	338.1	534.5	1096.5	1283.8	1114.8	941.1	913.7
85°	242.1	283.3	383.8	283.3	223.9	438.6	1073.6	1256.4	1105.6	890.9	868.0
87.5°	86.8	123.4	164.5	127.9	114.2	301.5	886.3	904.6	689.9	315.2	319.8
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

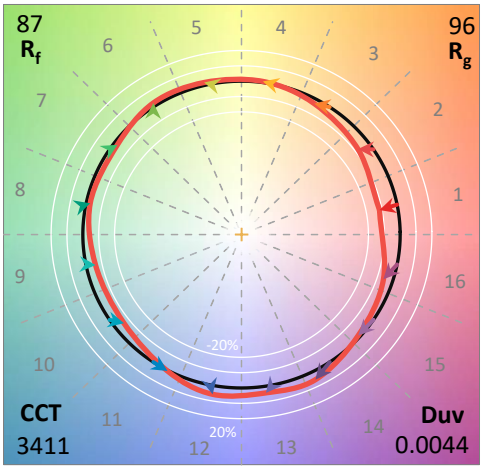
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

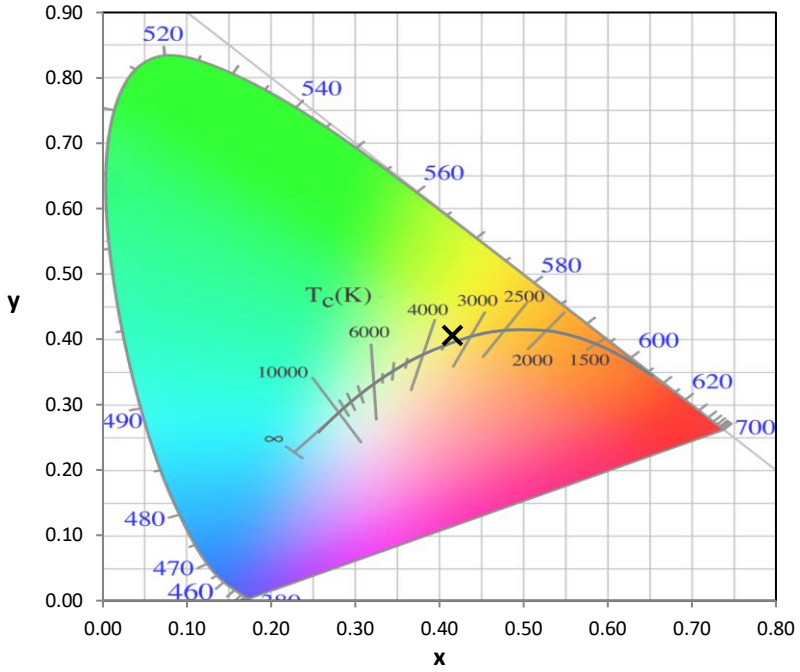
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

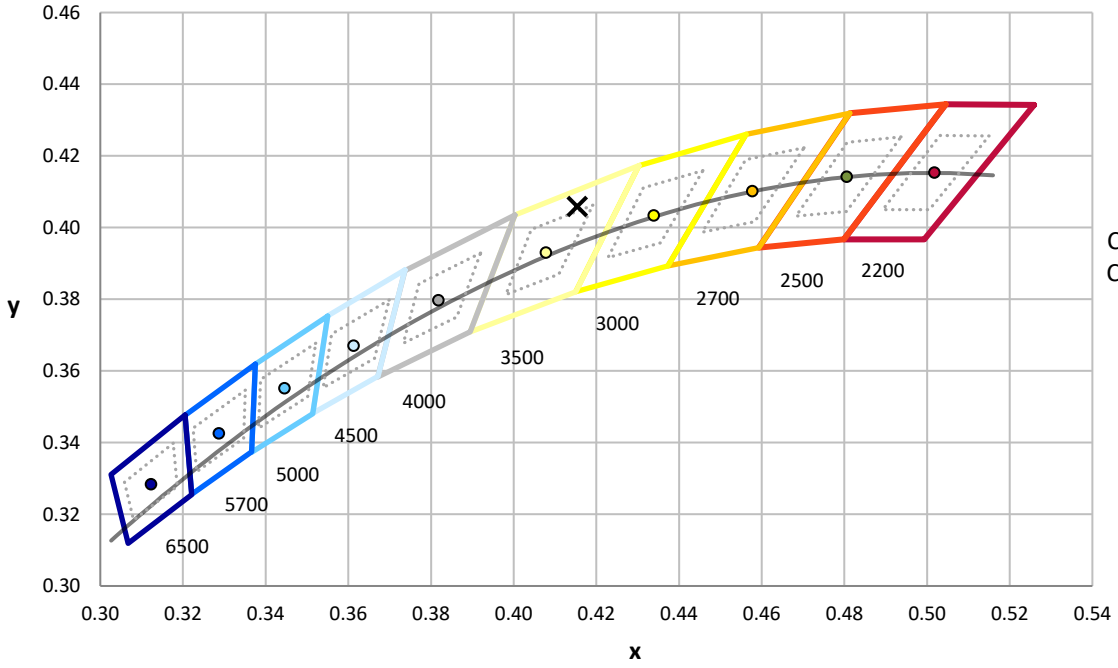
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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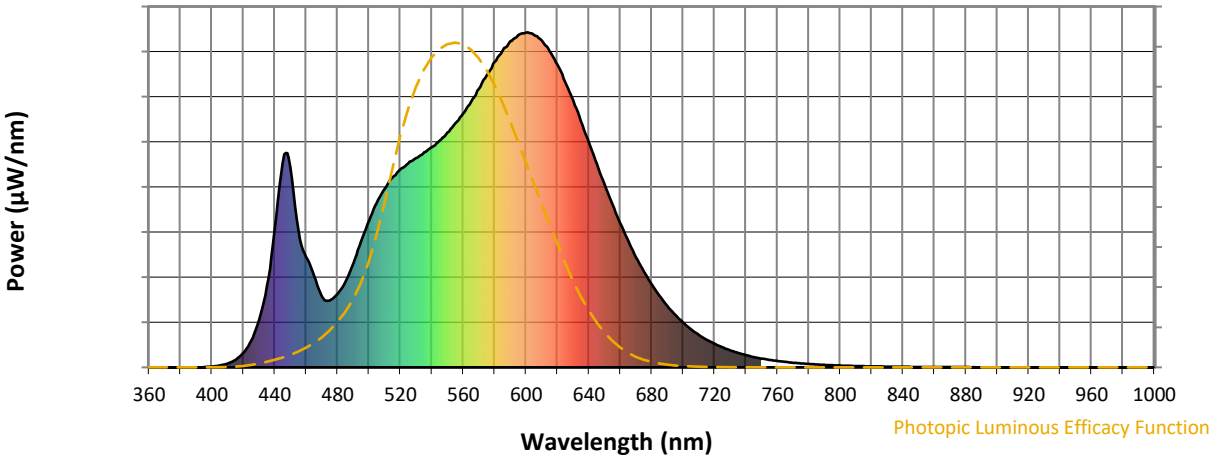
Photopic Flux vs. Wavelength



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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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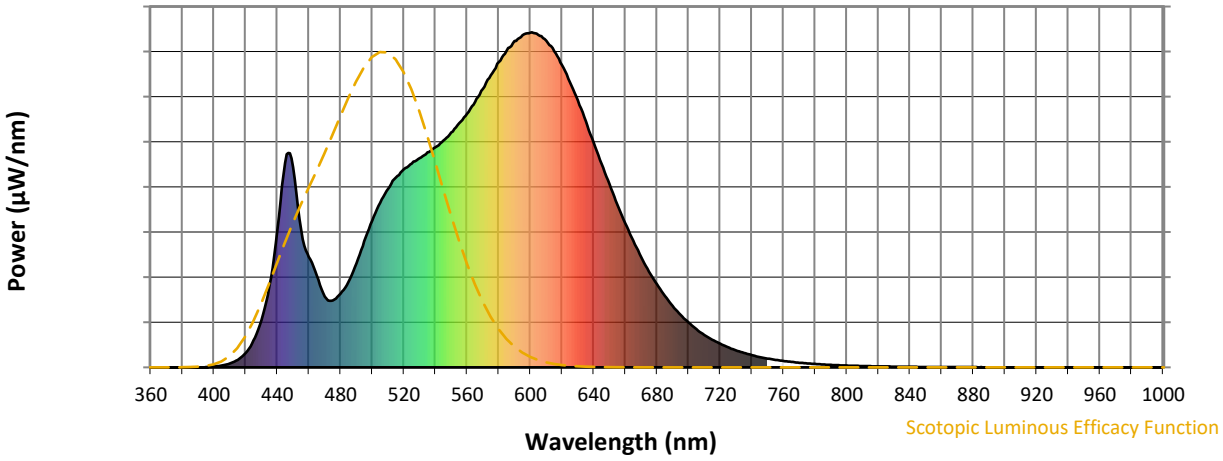
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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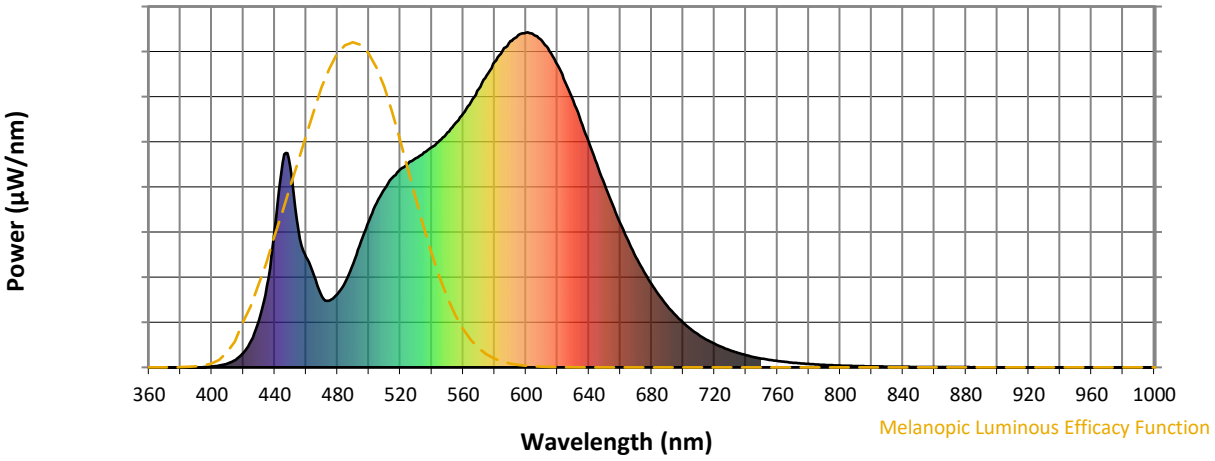
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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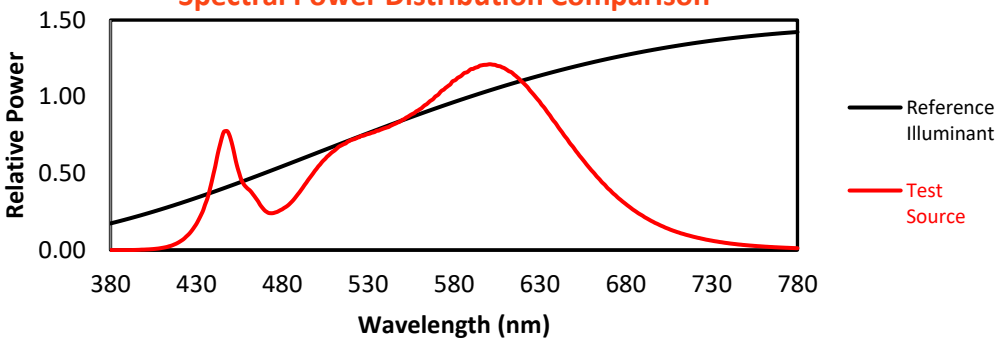
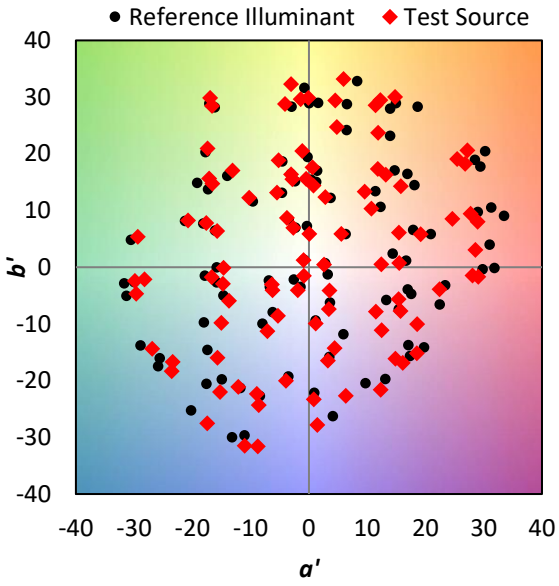
Summary

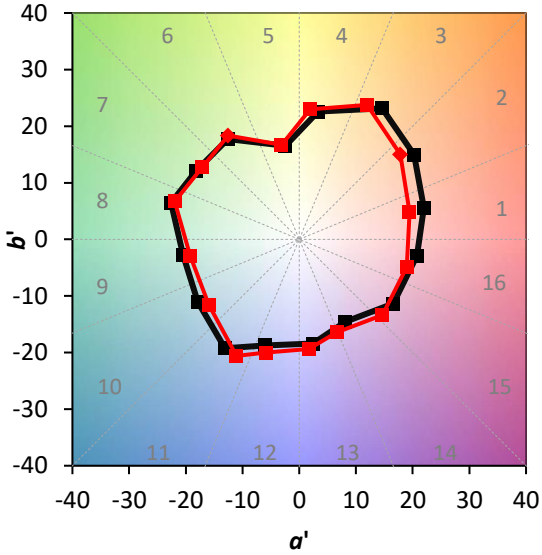
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

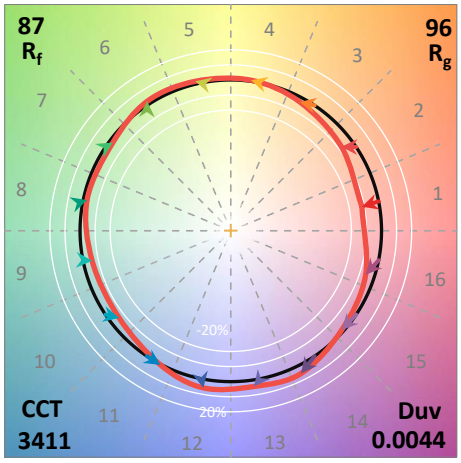
Spectral Power Distribution Comparison

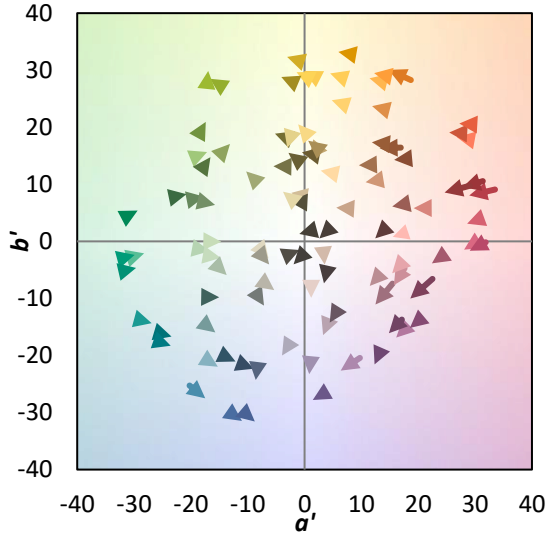


Color Vector Graphics









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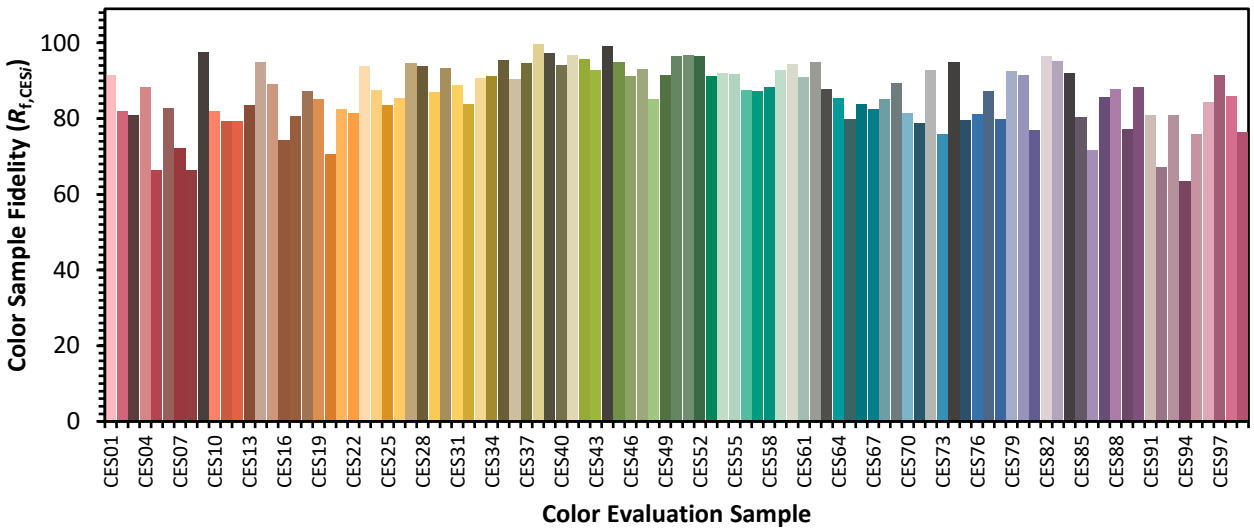
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



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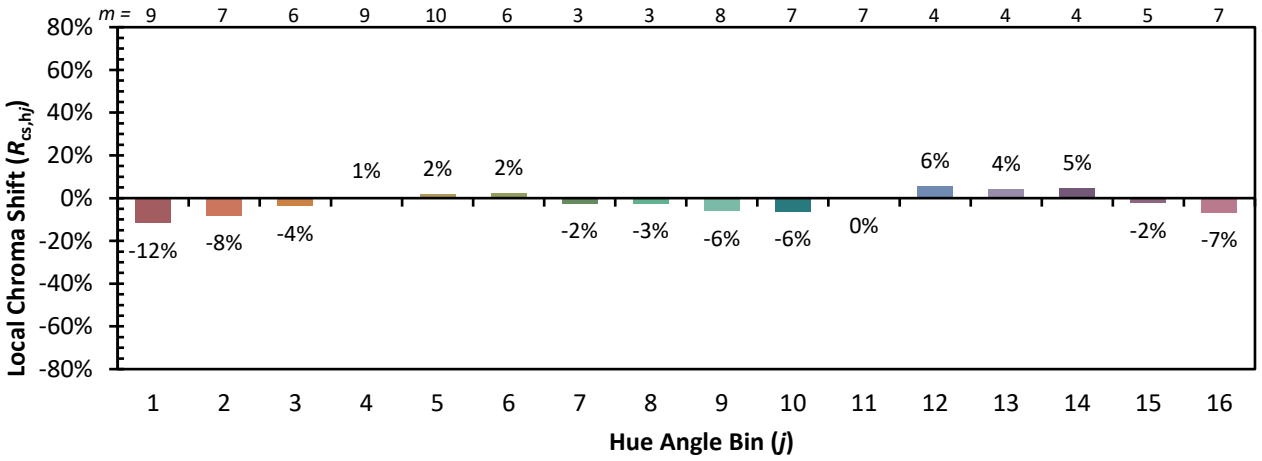
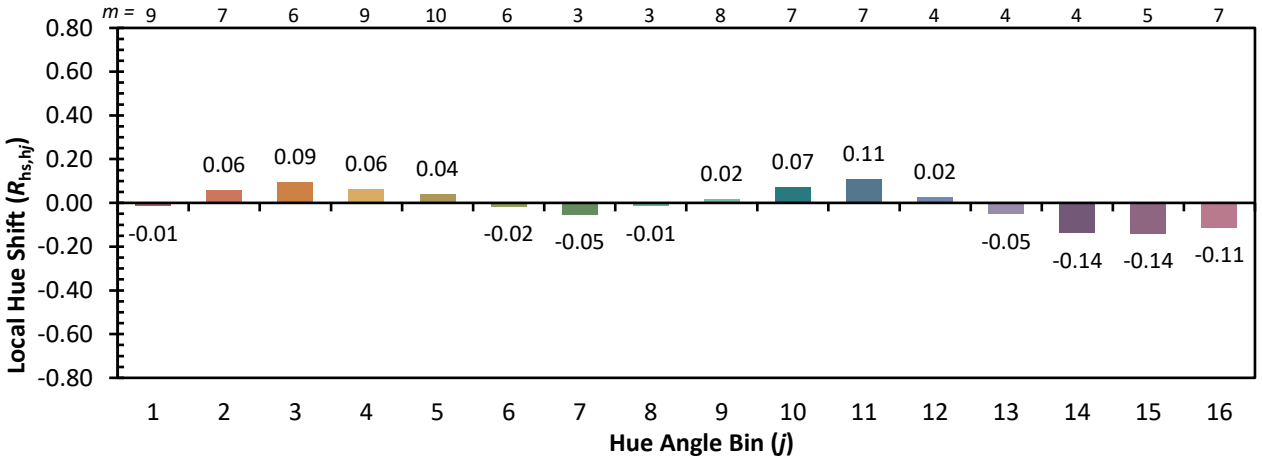
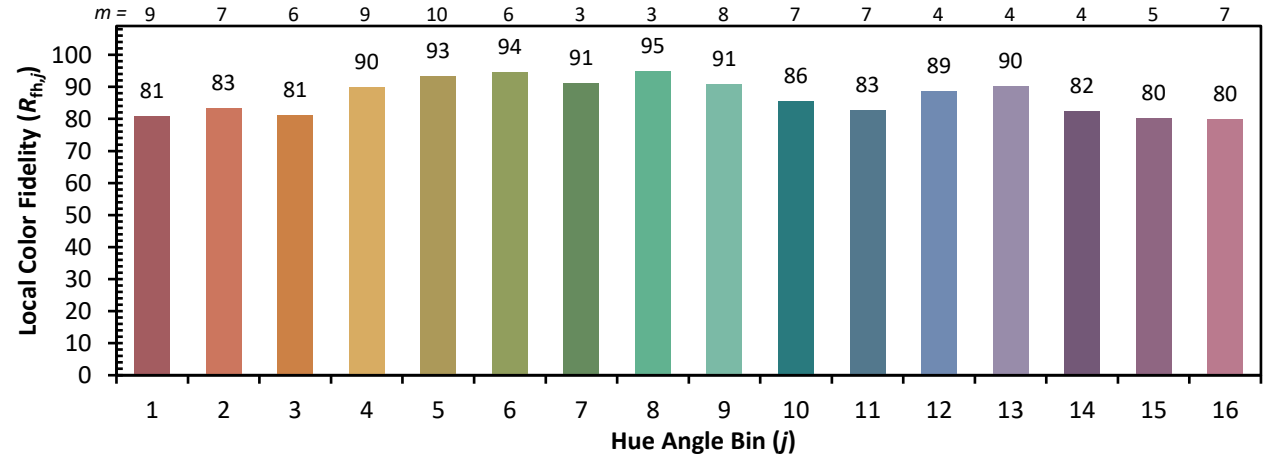
Color Rendition by Hue-Angle Bin







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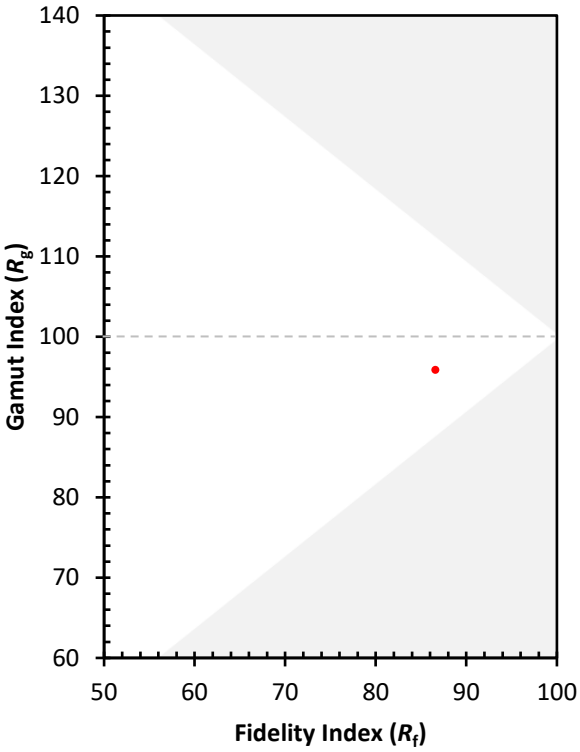
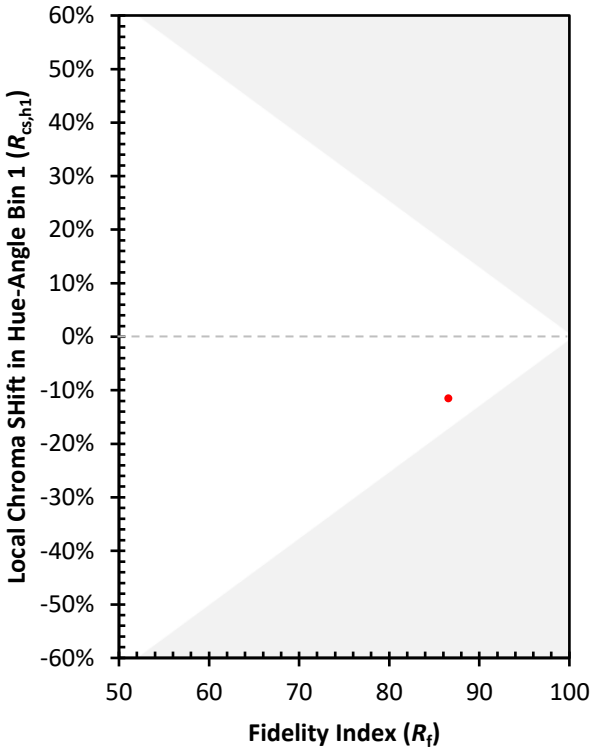
Measure Comparisons





(END OF REPORT)