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: P1457822

Luminaire Tested: GLAN-SB4D-835-U-T2LG-HSS

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:	P1457822
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4D-835-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 4xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27409.6 lumens
Efficiency:	N/A
Efficacy:	93.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	293.6
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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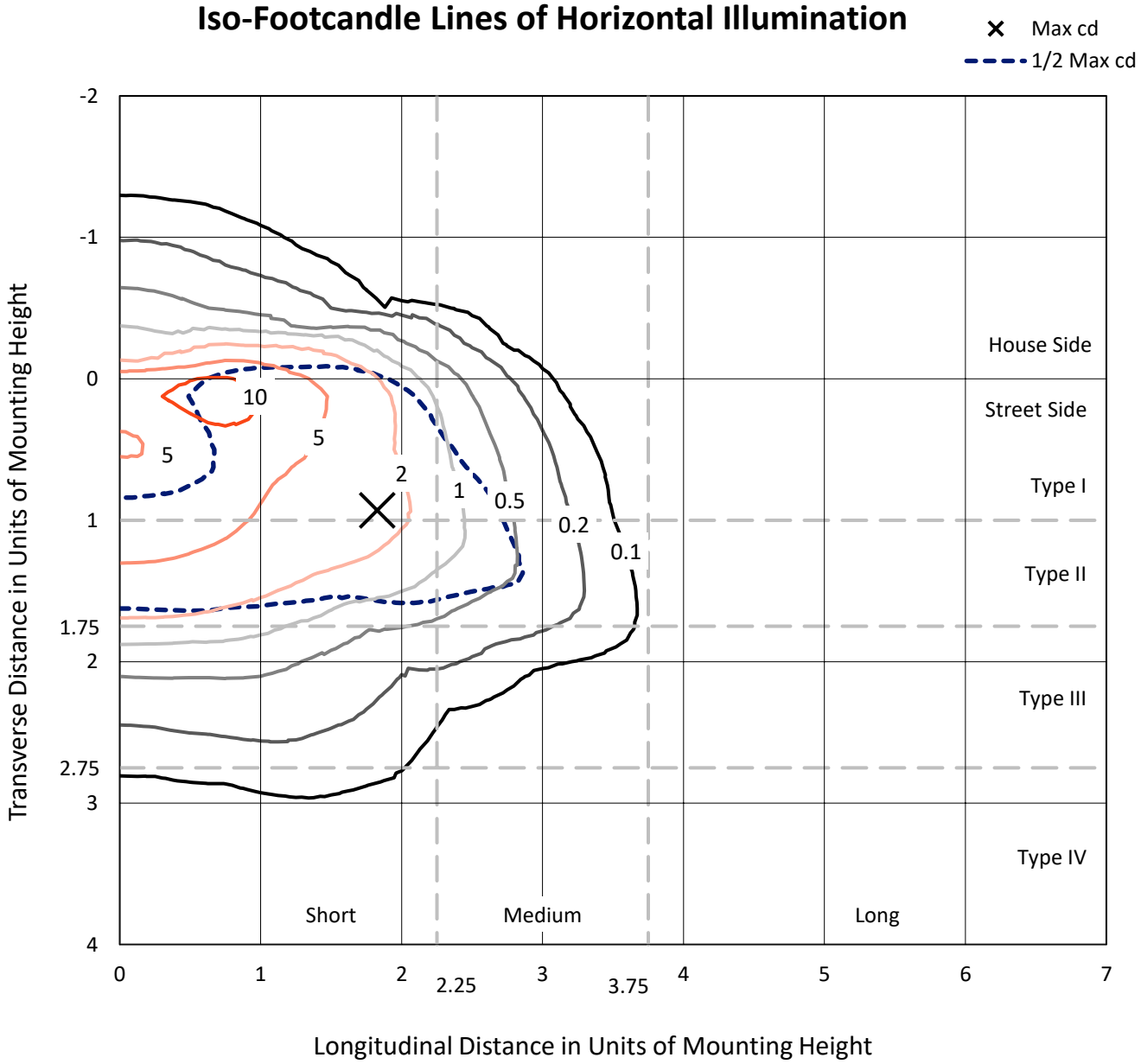
REPORT NUMBER: P1457822
CATALOG NUMBER: GLAN-SB4D-835-U-T2LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 12.6 fc
Type II - Short - N/A

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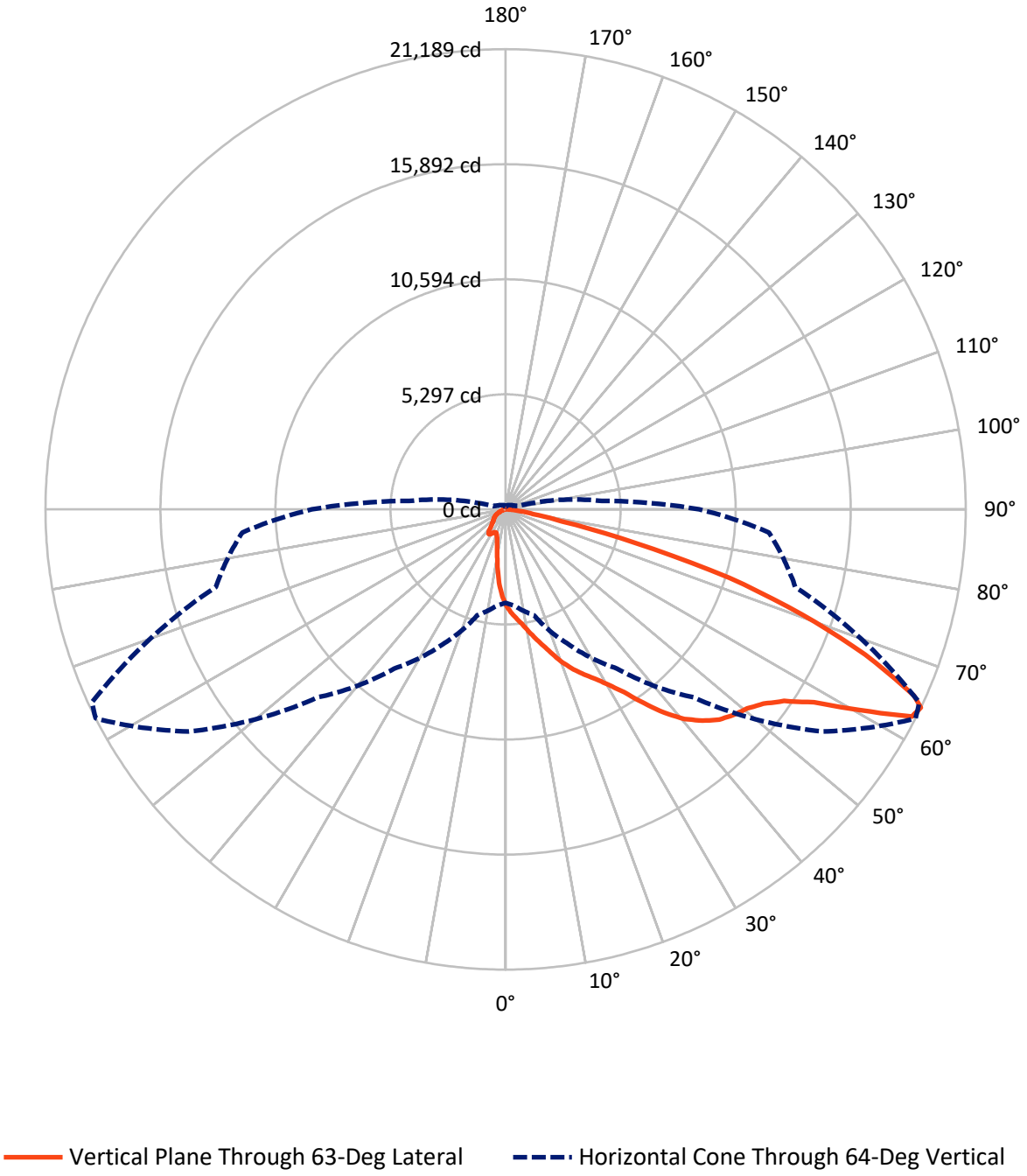
Luminous Intensity Polar Plot



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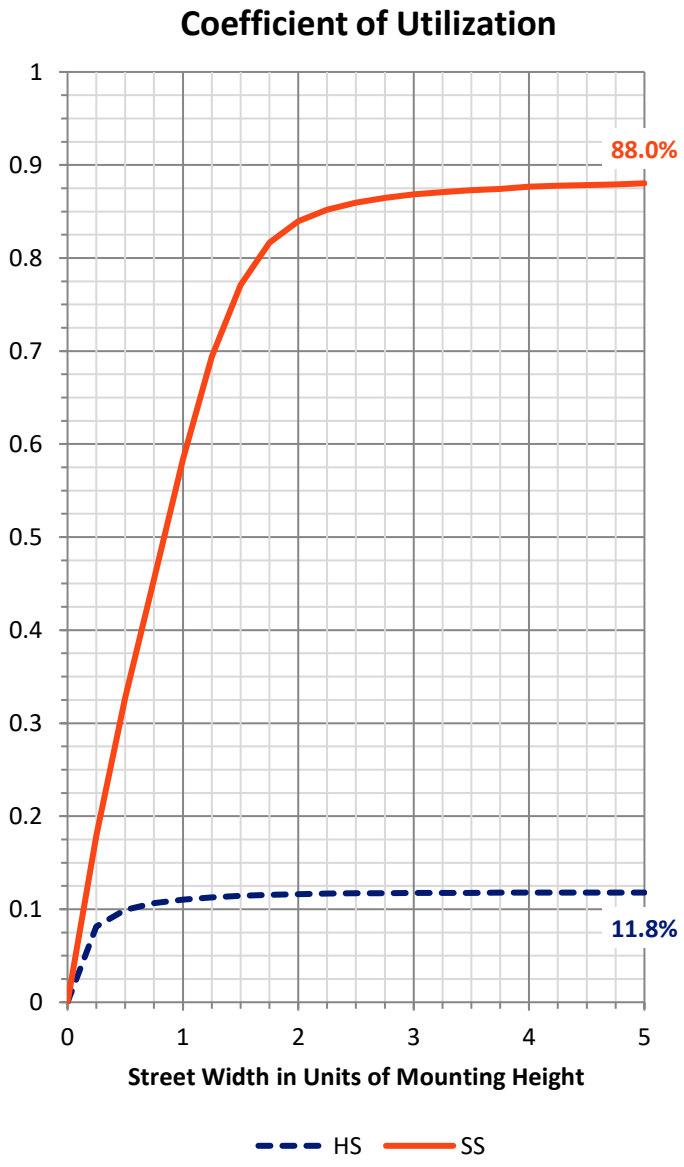
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3252.6	0.0	3252.6
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	24157.0	0.0	24157.0
	% Fixture	88.1	0.0	88.1
Total	Lumens	27409.6	0.0	27409.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	373.2	1.4
10°-20°	1048.7	3.8
20°-30°	1867.8	6.8
30°-40°	3567.6	13.0
40°-50°	5913.5	21.6
50°-60°	7371.1	26.9
60°-70°	5496.4	20.1
70°-80°	1576.4	5.8
80°-90°	194.9	0.7
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°	27409.6	100.0
0°-180°	27409.6	100.0



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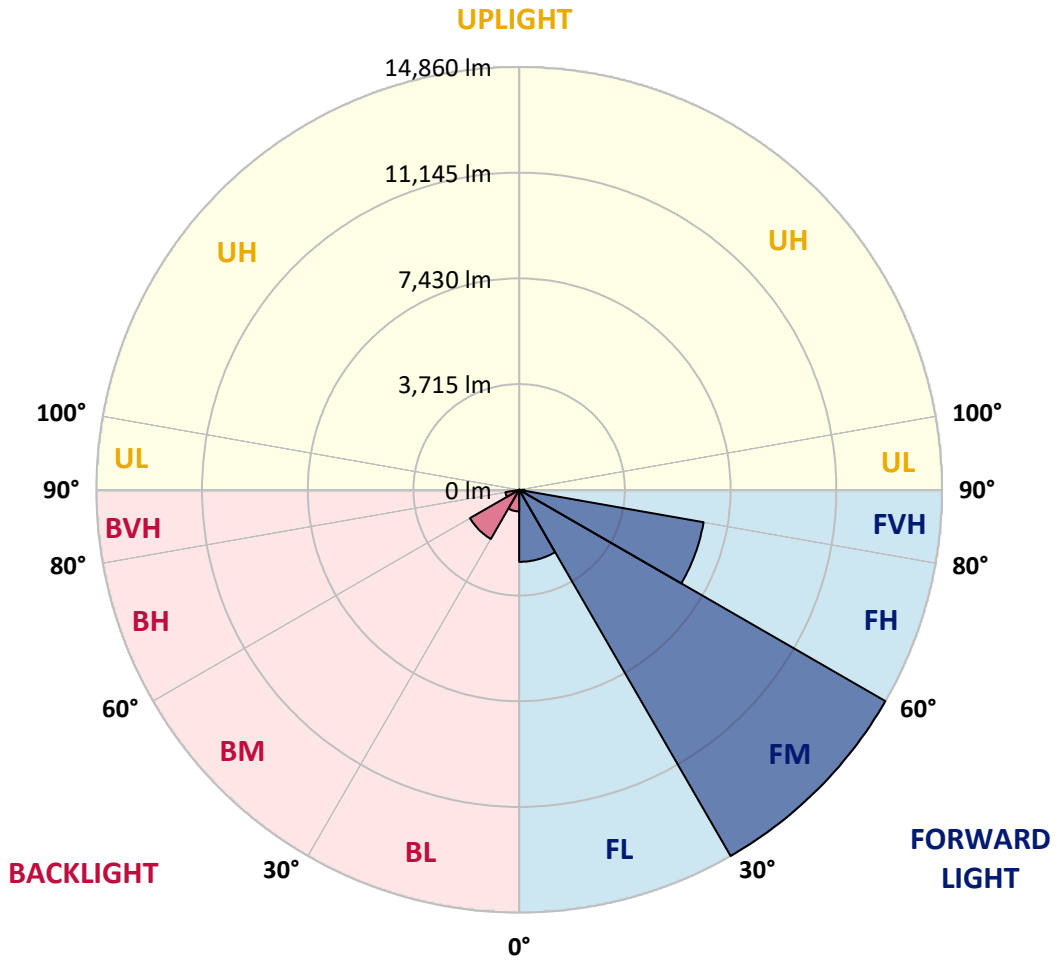
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2530.9	9.2			
FM	(30°-60°)	14859.9	54.2			
FH	(60°-80°)	6580.8	24.0			G3/7500
FVH	(80°-90°)	185.3	0.7			G2/225
BL	(0°-30°)	758.8	2.8	B2/1000		
BM	(30°-60°)	1992.3	7.3	B2/2500		
BH	(60°-80°)	491.9	1.8	B1/500		G1/500
BVH	(80°-90°)	9.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type II Short



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REPORT NUMBER: P1457822
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	4431.8	4431.8	4431.8	4431.8	4431.8	4431.8	4431.8	*4431.8*	4431.8	4431.8	4431.8
2.5°	4966.3	4949.8	4933.4	4908.7	4875.8	4842.9	4801.8	*4744.3*	4719.6	4637.4	4538.7
5°	5221.2	5221.2	5212.9	5196.5	5180.0	5147.2	5097.8	*5023.8*	4990.9	4875.8	4703.2
7.5°	5286.9	5295.2	5319.8	5352.7	5402.0	5393.8	5393.8	*5311.6*	5295.2	5171.8	4941.6
10°	5171.8	5180.0	5245.8	5336.3	5484.3	5624.0	5722.7	*5673.4*	5648.7	5525.4	5237.6
12.5°	5007.4	5007.4	5114.3	5254.0	5484.3	5747.4	6035.2	*6084.5*	6092.7	5952.9	5607.6
15°	4579.8	4596.3	4768.9	5048.5	5426.7	5837.8	6322.9	*6512.1*	6561.4	6470.9	6059.8
17.5°	4012.5	4028.9	4201.6	4579.8	5147.2	5837.8	6569.6	*7005.4*	7071.2	7087.6	6635.4
20°	3774.0	3774.0	3872.7	4160.5	4752.5	5681.6	6717.6	*7531.6*	7679.6	7860.5	7268.5
22.5°	3806.9	3806.9	3864.5	4028.9	4505.8	5467.8	6808.1	*8000.3*	8304.5	8765.0	8082.5
25°	3987.8	3987.8	4037.1	4144.0	4530.5	5434.9	6980.7	*8419.6*	8904.7	9776.3	9011.6
27.5°	4275.6	4267.4	4308.5	4415.4	4768.9	5591.2	7268.5	*8839.0*	9381.6	10911.0	10080.5
30°	4694.9	4670.3	4686.7	4810.0	5155.4	5952.9	7687.8	*9373.4*	9924.3	12152.5	11264.5
32.5°	5665.2	5656.9	5418.5	5352.7	5722.7	6536.7	8263.4	*10039.4*	10656.1	13468.1	12481.4
35°	7416.5	7531.6	7194.5	6331.2	6405.2	7317.8	9085.6	*10943.9*	11511.2	14865.9	13805.2
37.5°	9192.5	9192.5	9052.7	8033.2	7515.2	8181.2	9973.6	*11873.0*	12465.0	15992.4	15079.7
40°	10598.5	10672.5	10508.1	9743.4	9069.2	9167.9	10861.6	*12687.0*	13229.7	16683.0	15984.1
42.5°	11642.8	11626.3	11560.5	11059.0	10680.8	10458.8	11667.4	*13295.4*	13813.4	17036.6	16551.5
45°	12769.2	12769.2	12678.8	12267.7	11955.2	11766.1	12267.7	*13805.2*	14347.9	17250.4	16905.0
47.5°	13945.0	13928.6	13838.1	13385.9	13048.8	12769.2	12876.1	*14134.1*	14676.8	17110.6	16962.6
50°	14232.8	14216.3	14421.9	14438.3	14134.1	13599.7	13361.2	*14413.7*	14890.6	17118.8	17143.5
52.5°	13895.7	13994.3	14298.6	14668.6	15013.9	14454.8	13879.2	*14857.7*	15351.0	17349.0	17595.7
55°	13057.0	13098.1	13681.9	14273.9	15079.7	15277.0	14709.7	*15564.8*	16000.6	17571.0	17998.6
57.5°	11494.8	11651.0	12275.9	13303.7	14528.8	15351.0	16156.8	*16748.8*	17077.7	17661.5	17776.6
60°	8674.5	8756.7	10113.4	11445.4	13385.9	14759.0	17505.3	*18755.0*	18713.9	16641.9	16222.6
62.5°	5278.7	5352.7	6322.9	8436.1	10878.1	13525.7	17957.5	*20999.7*	20777.7	14923.5	13657.2
64°	*4300.3*	*4440.0*	*5040.3*	*6849.2*	*8945.9*	*12234.8*	*17825.9*	*21188.8*	*21016.2*	*13813.4*	*12169.0*
65°	3675.4	3864.5	4481.1	5944.7	7605.6	10845.2	17464.1	*20662.6*	20547.5	13139.2	10935.6
67.5°	2310.5	2400.9	3313.6	4620.9	5237.6	6939.6	15013.9	*17867.0*	18072.6	11708.5	8066.1
70°	1718.5	1759.6	2277.6	3576.7	4086.5	4037.1	10310.8	*14471.2*	14520.6	9365.2	4867.6
72.5°	1249.8	1258.0	1595.1	2647.6	3198.5	2754.5	5434.9	*10754.8*	10401.2	5484.3	2655.8
75°	830.5	863.3	1118.2	1866.5	2491.4	2022.7	2474.9	*6125.6*	6018.7	2680.5	1521.1
77.5°	608.4	616.7	756.5	1249.8	1956.9	1488.2	1496.5	*2639.4*	2721.6	1595.1	962.0
80°	345.3	361.8	493.3	764.7	1274.5	1019.6	838.7	*1274.5*	1463.6	1085.3	641.3
82.5°	205.6	222.0	353.6	501.6	871.6	419.3	427.6	*698.9*	871.6	781.1	345.3
85°	123.3	131.6	222.0	271.3	518.0	279.6	156.2	*345.3*	452.2	460.4	189.1
87.5°	82.2	82.2	123.3	115.1	148.0	131.6	65.8	*90.4*	115.1	156.2	74.0
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: P1457822
CATALOG NUMBER: GLAN-SB4D-835-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4431.8	4431.8	4431.8	4431.8	4431.8	4431.8	4431.8	4431.8	4431.8	4431.8	4431.8
2.5°	4456.5	4407.1	4259.1	4061.8	3880.9	3741.1	3568.5	3453.4	3346.5	3346.5	3256.0
5°	4563.4	4431.8	4070.0	3617.8	3132.7	2672.2	2376.2	2047.4	1940.5	1850.0	1866.5
7.5°	4744.3	4505.8	3864.5	3050.5	2277.6	1784.2	1455.3	1307.3	1241.6	1200.5	1208.7
10°	4966.3	4637.4	3617.8	2474.9	1677.3	1307.3	1151.1	1093.6	1068.9	1060.7	1060.7
12.5°	5270.5	4793.6	3371.1	1989.8	1323.8	1126.5	1044.2	1011.3	986.7	970.2	970.2
15°	5632.3	4990.9	3083.4	1636.2	1159.3	1036.0	970.2	937.3	904.5	896.2	896.2
17.5°	6092.7	5196.5	2828.5	1406.0	1077.1	970.2	904.5	863.3	838.7	830.5	830.5
20°	6602.5	5451.4	2573.6	1274.5	1019.6	904.5	838.7	805.8	781.1	764.7	772.9
22.5°	7252.1	5772.0	2409.1	1208.7	970.2	846.9	781.1	748.2	723.6	707.1	715.3
25°	7967.4	6174.9	2318.7	1208.7	937.3	805.8	731.8	698.9	674.2	657.8	657.8
27.5°	8839.0	6627.2	2326.9	1258.0	929.1	772.9	690.7	657.8	633.1	608.4	608.4
30°	9801.0	7161.6	2417.4	1348.5	945.6	740.0	657.8	608.4	592.0	567.3	567.3
32.5°	10820.5	7778.3	2647.6	1463.6	929.1	698.9	608.4	567.3	542.7	526.2	526.2
35°	11897.7	8477.2	2935.4	1512.9	846.9	641.3	567.3	526.2	509.8	501.6	493.3
37.5°	12925.4	9085.6	3091.6	1414.2	740.0	592.0	518.0	476.9	468.7	452.2	452.2
40°	13723.0	9587.2	3001.1	1208.7	682.5	542.7	476.9	435.8	419.3	402.9	402.9
42.5°	14191.7	9768.1	2672.2	1027.8	641.3	493.3	435.8	394.7	378.2	370.0	370.0
45°	14463.0	9743.4	2285.8	920.9	600.2	452.2	394.7	370.0	345.3	337.1	328.9
47.5°	14454.8	9488.5	2006.2	830.5	559.1	419.3	370.0	345.3	320.7	312.4	312.4
50°	14397.2	9110.3	1693.8	764.7	526.2	394.7	345.3	328.9	304.2	296.0	287.8
52.5°	14537.0	8896.5	1414.2	723.6	485.1	378.2	337.1	312.4	279.6	271.3	271.3
55°	14709.7	8773.2	1134.7	682.5	452.2	370.0	320.7	296.0	263.1	254.9	254.9
57.5°	14208.1	8304.5	937.3	616.7	411.1	353.6	304.2	287.8	254.9	230.2	230.2
60°	12629.4	6865.6	772.9	542.7	378.2	328.9	287.8	263.1	230.2	197.3	197.3
62.5°	10269.6	5237.6	641.3	460.4	353.6	304.2	263.1	238.4	197.3	156.2	156.2
64°	*8921.2*	*4448.3*	*575.6*	*402.9*	*337.1*	*279.6*	*238.4*	*213.8*	*172.7*	*131.6*	*123.3*
65°	8000.3	3930.3	534.4	378.2	328.9	263.1	230.2	205.6	156.2	123.3	115.1
67.5°	5632.3	2639.4	427.6	312.4	287.8	222.0	197.3	172.7	139.8	106.9	98.7
70°	3280.7	1496.5	337.1	263.1	222.0	172.7	164.4	156.2	123.3	82.2	82.2
72.5°	1784.2	748.2	254.9	213.8	172.7	123.3	139.8	123.3	98.7	65.8	57.6
75°	1093.6	460.4	189.1	156.2	115.1	90.4	106.9	90.4	57.6	41.1	32.9
77.5°	731.8	296.0	139.8	106.9	74.0	57.6	74.0	49.3	24.7	8.2	8.2
80°	452.2	205.6	90.4	65.8	41.1	24.7	16.4	8.2	8.2	0.0	0.0
82.5°	197.3	131.6	49.3	32.9	16.4	8.2	8.2	0.0	0.0	0.0	0.0
85°	106.9	41.1	16.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.9	16.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

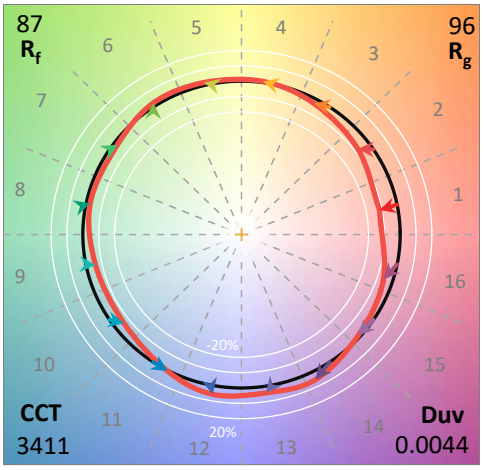
Test Information

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

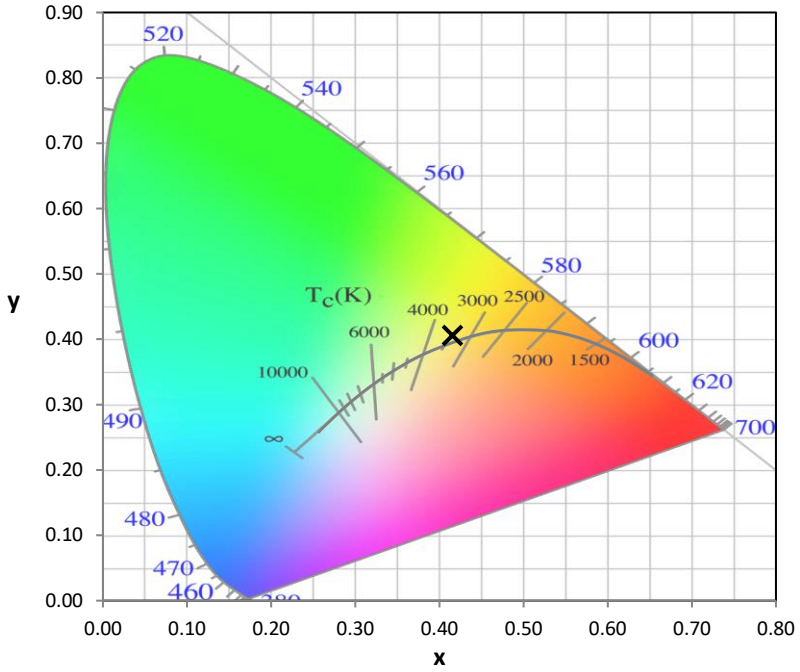
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

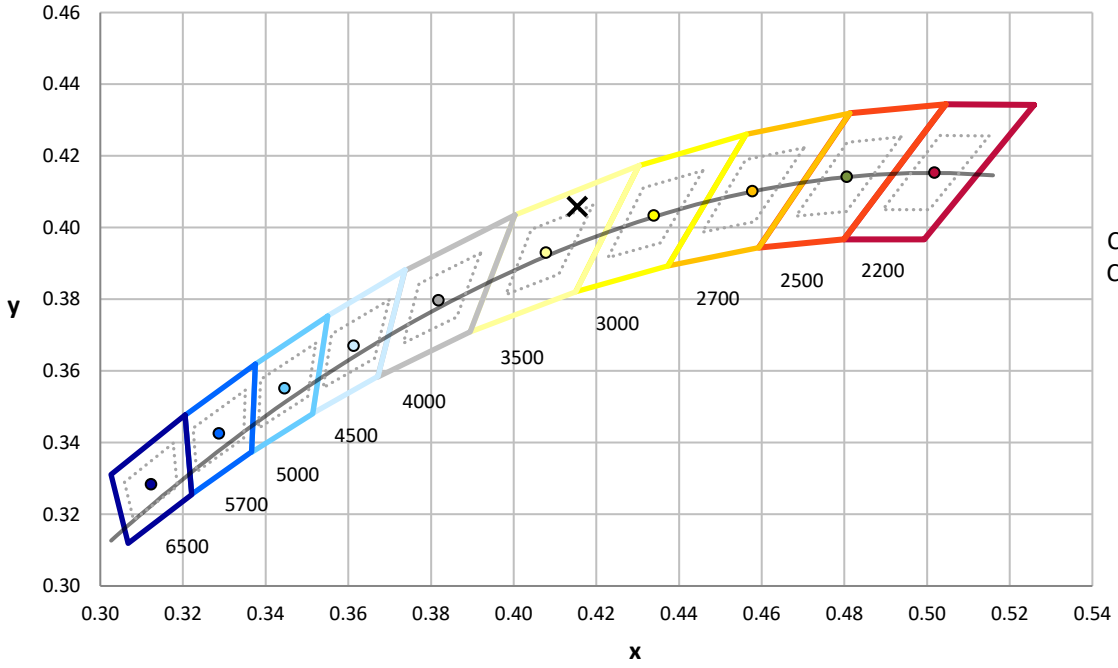
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

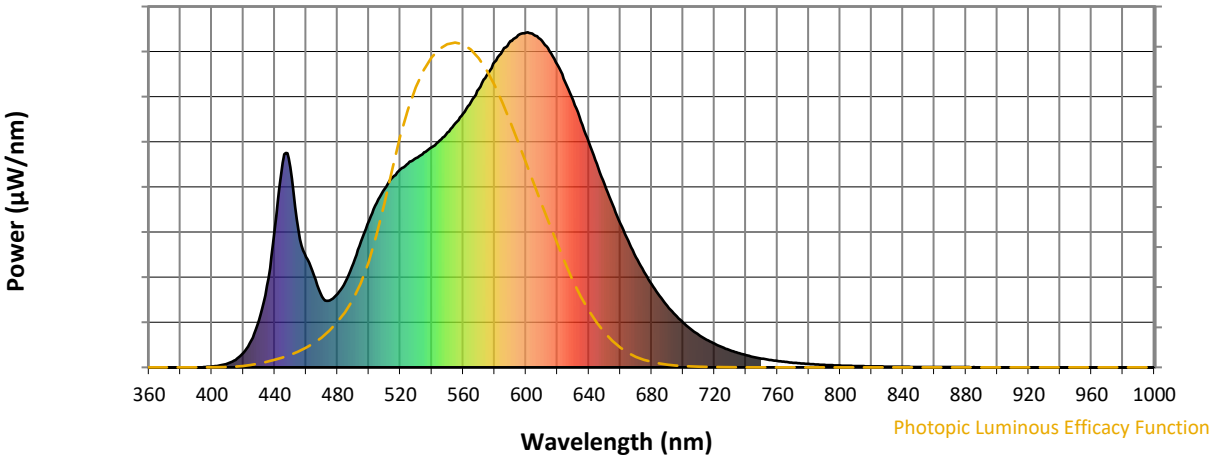


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

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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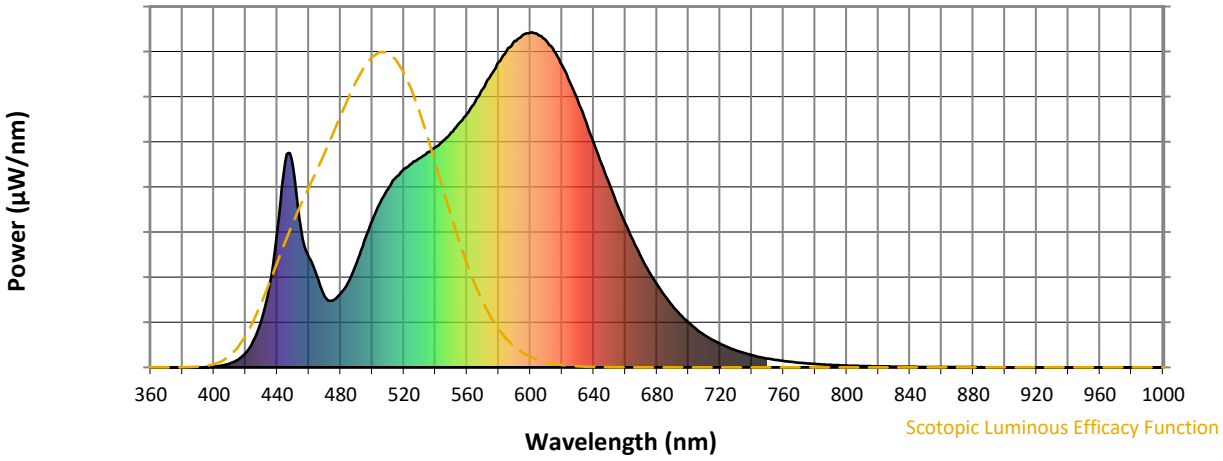
Scotopic Flux vs. Wavelength



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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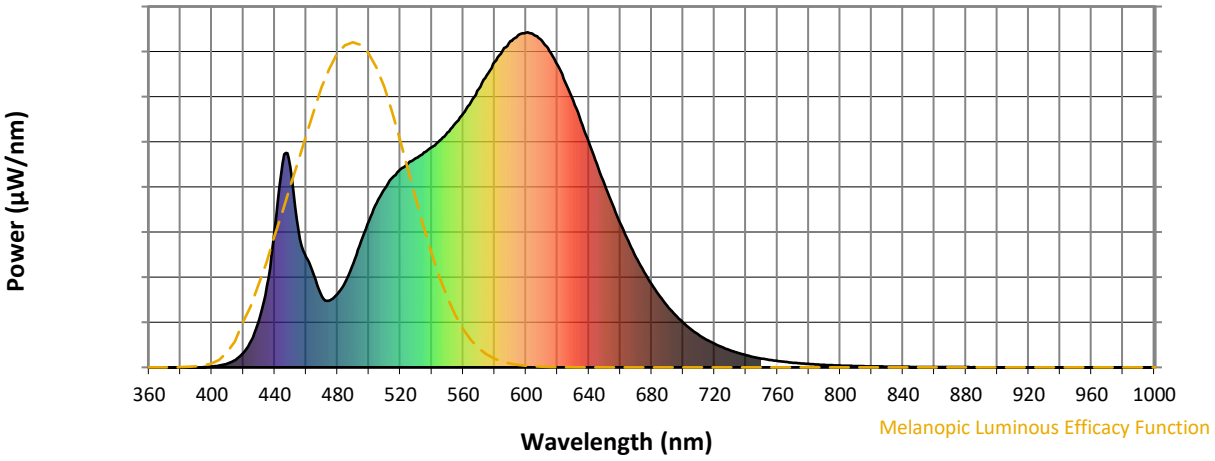
Melanopic Flux vs. Wavelength



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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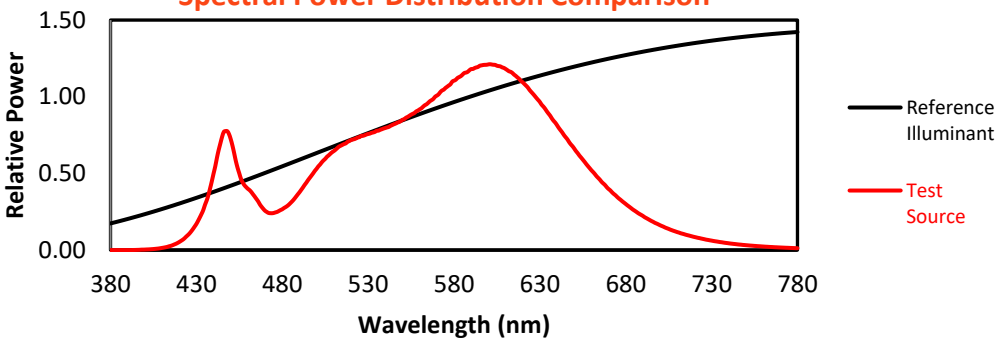
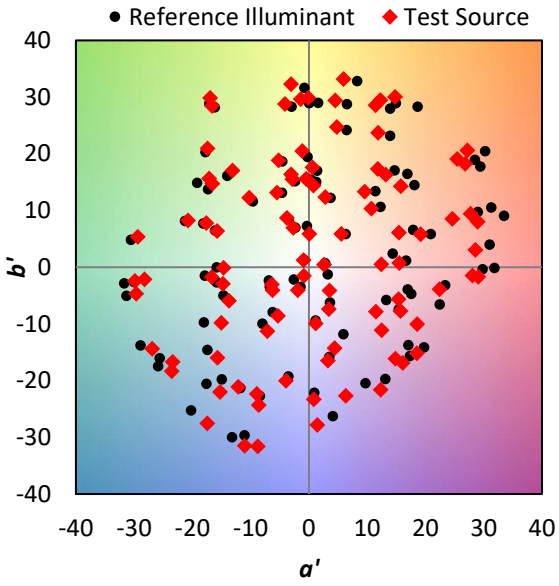
Summary

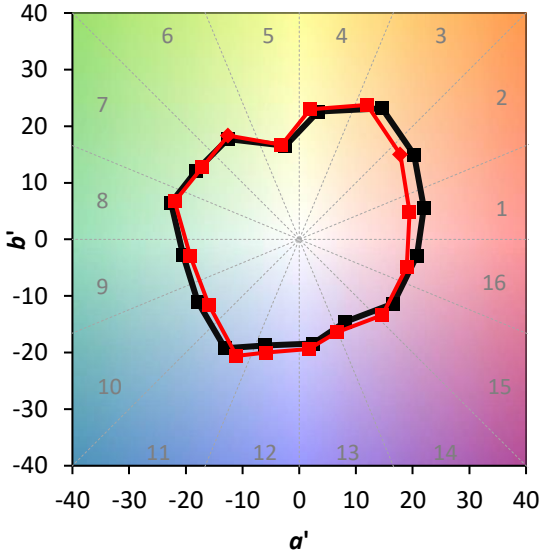
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

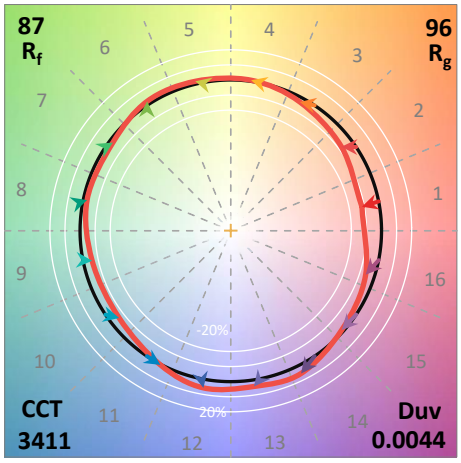
Spectral Power Distribution Comparison

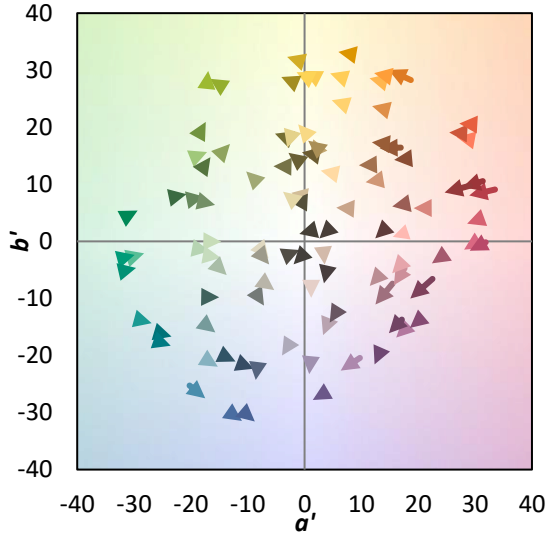


Color Vector Graphics









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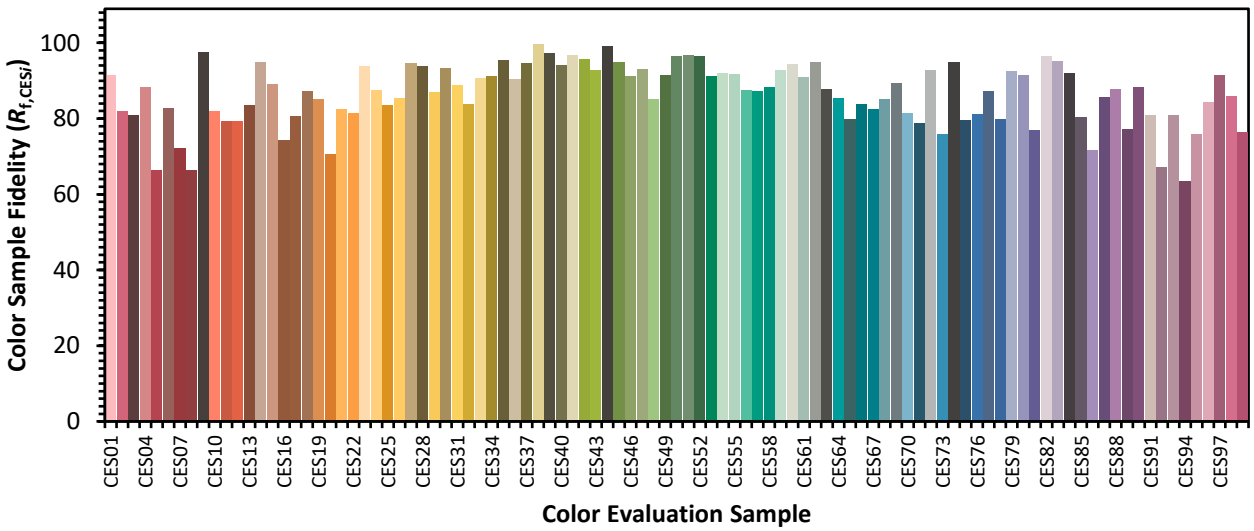
Individual Sample Fidelity Index ($R_{f,i}$)

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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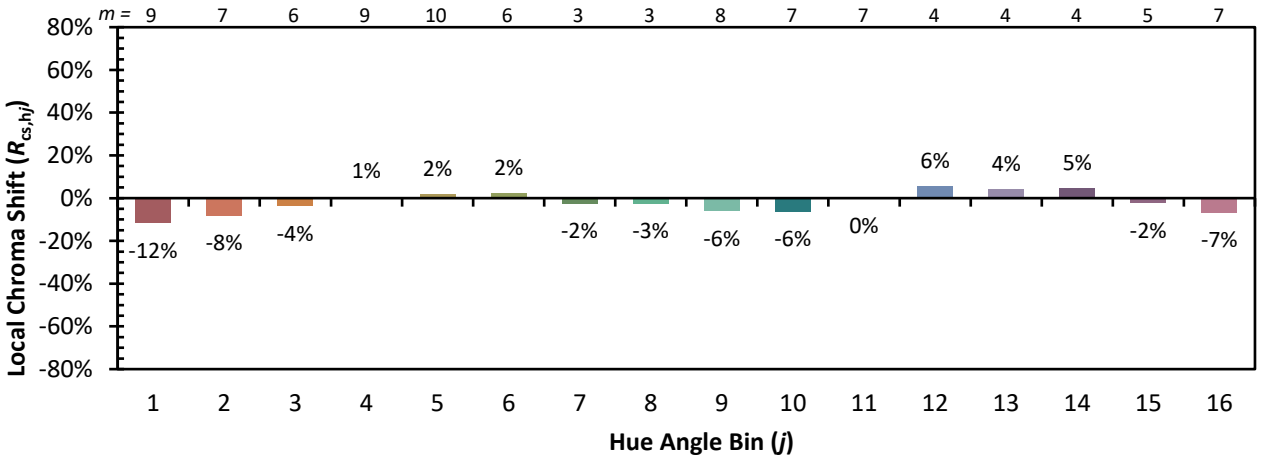
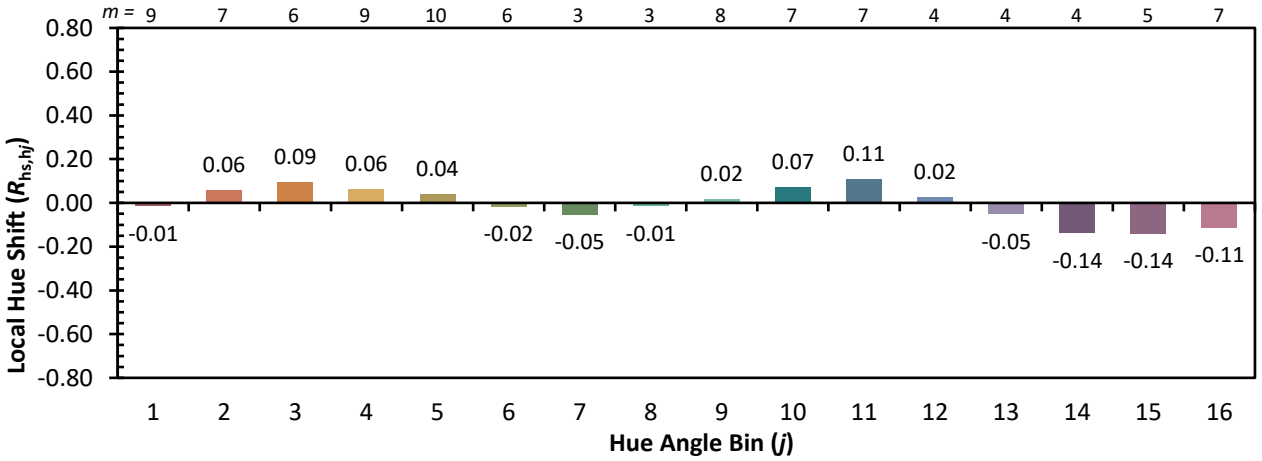
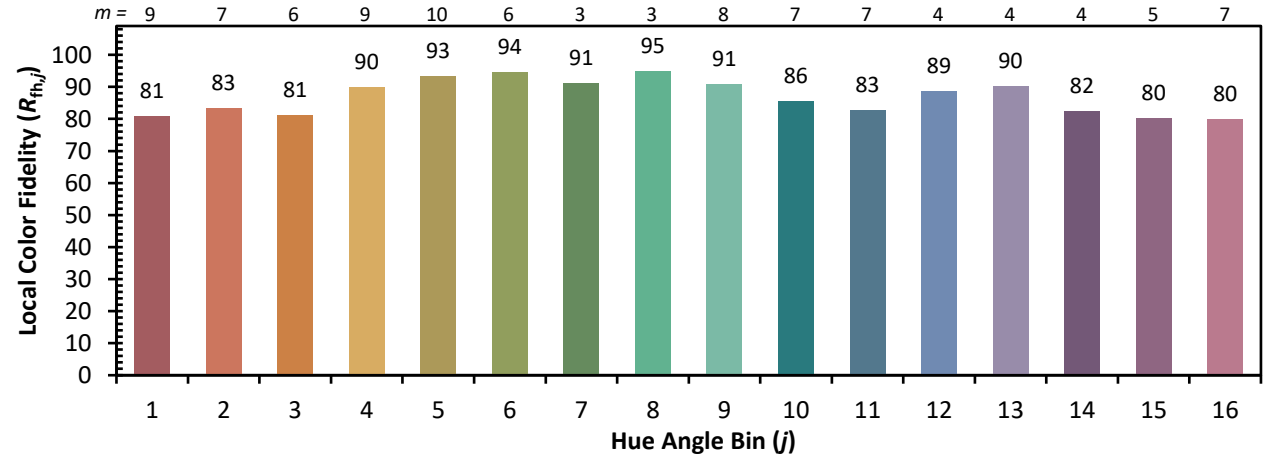
Color Rendition by Hue-Angle Bin







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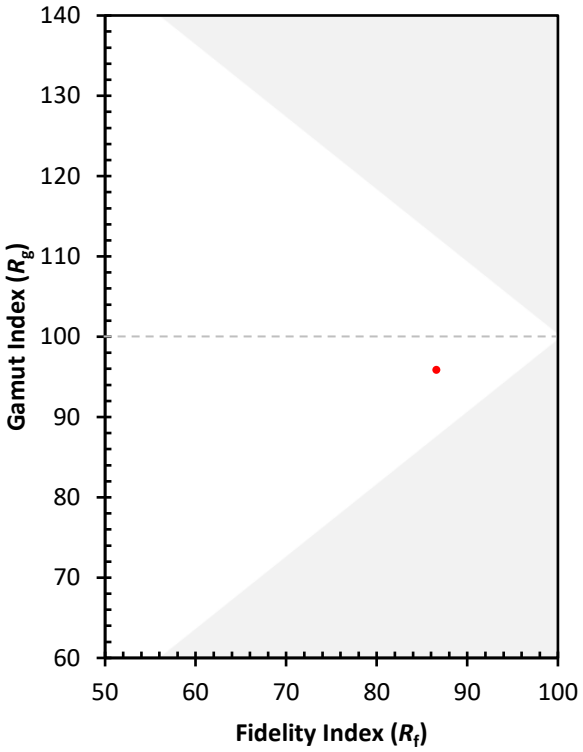
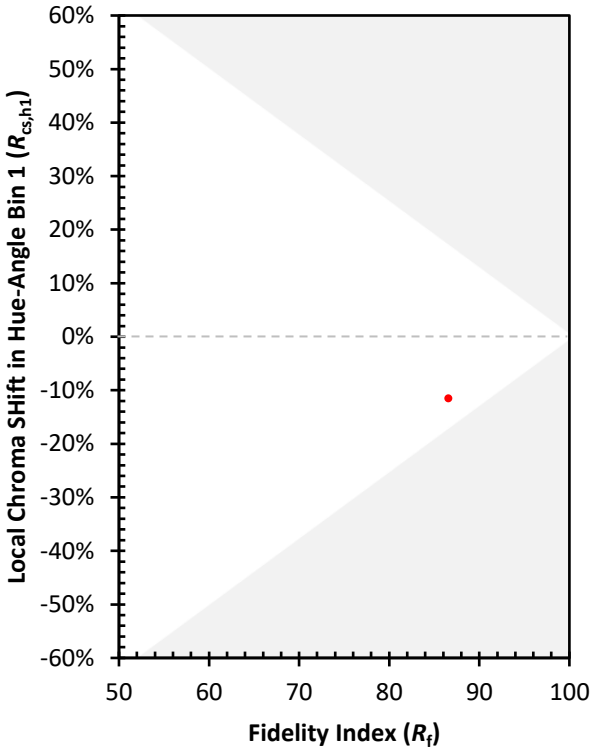
Measure Comparisons





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