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: P1457818

Luminaire Tested: GLAN-SB3D-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:	P1457818
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3D-835-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20519.6 lumens
Efficiency:	N/A
Efficacy:	94.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2

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: P1457818
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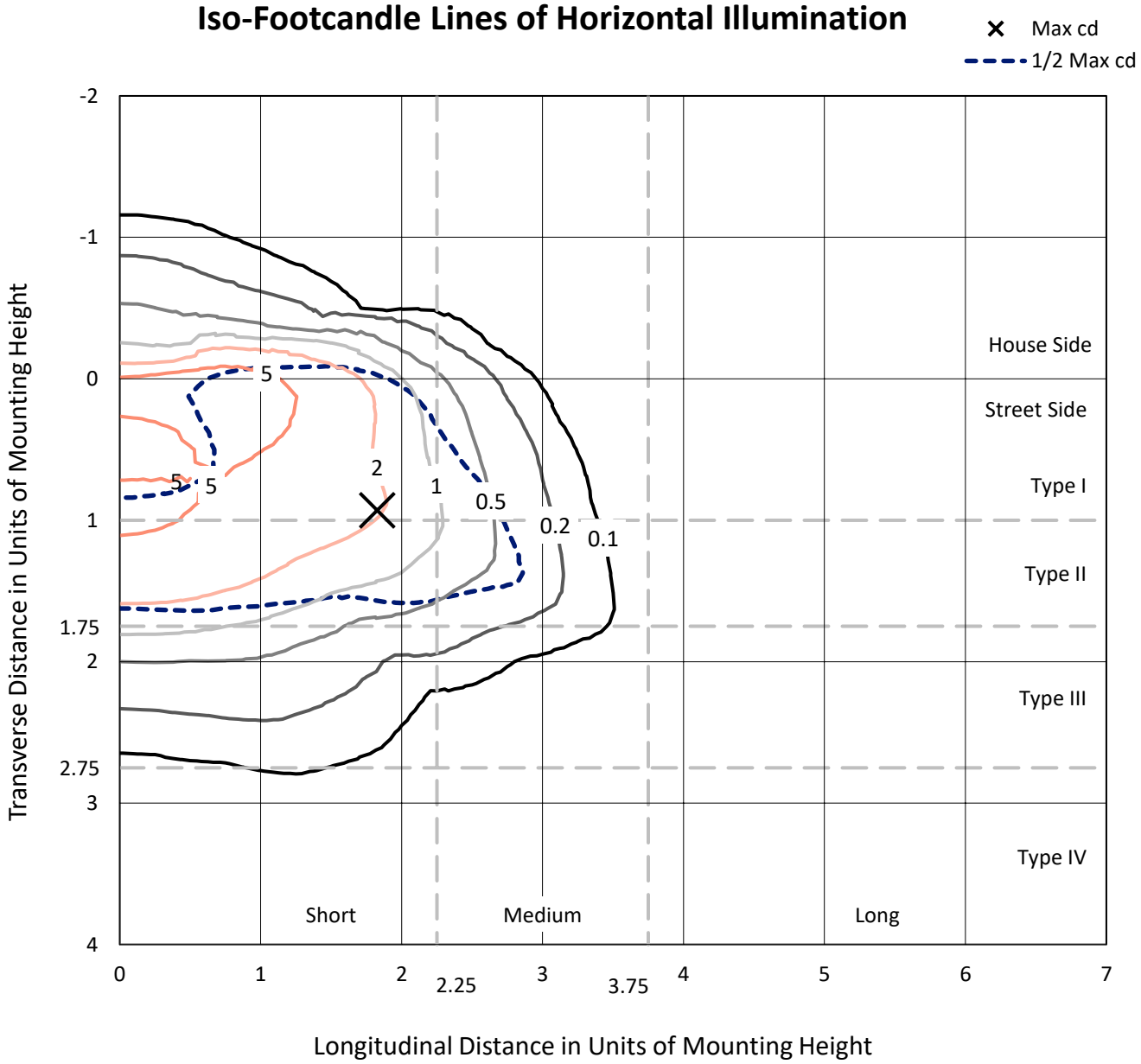
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.4 fc
Type II - Short - N/A

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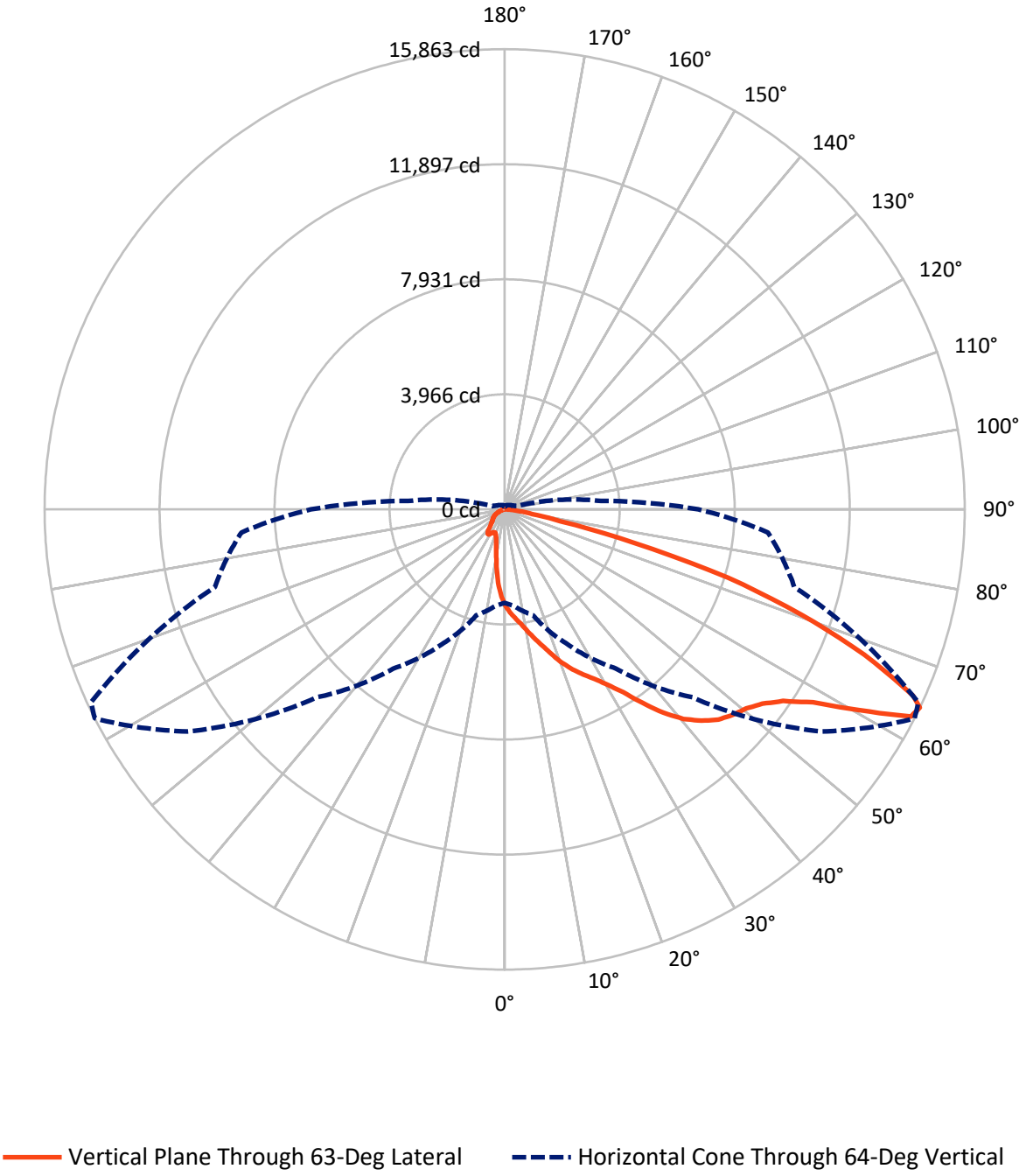
Luminous Intensity Polar Plot



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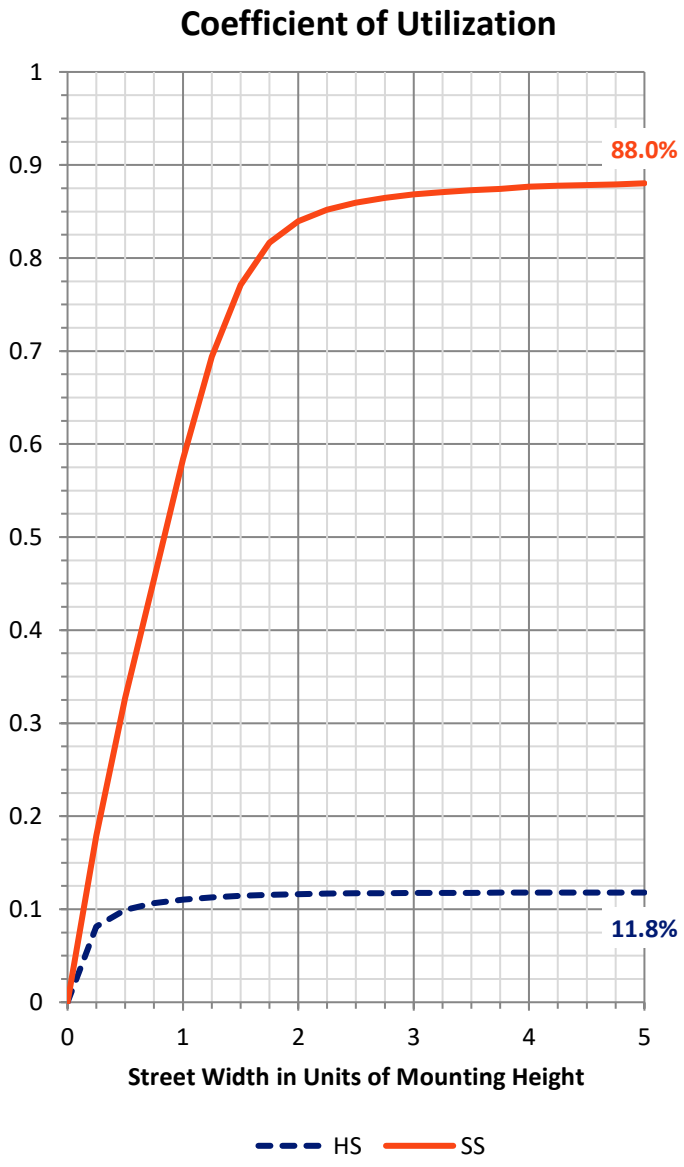
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2435.0	0.0	2435.0
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	18084.6	0.0	18084.6
	% Fixture	88.1	0.0	88.1
Total	Lumens	20519.6	0.0	20519.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	279.4	1.4
10°-20°	785.1	3.8
20°-30°	1398.3	6.8
30°-40°	2670.8	13.0
40°-50°	4427.0	21.6
50°-60°	5518.2	26.9
60°-70°	4114.7	20.1
70°-80°	1180.1	5.8
80°-90°	145.9	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°	20519.6	100.0
0°-180°	20519.6	100.0



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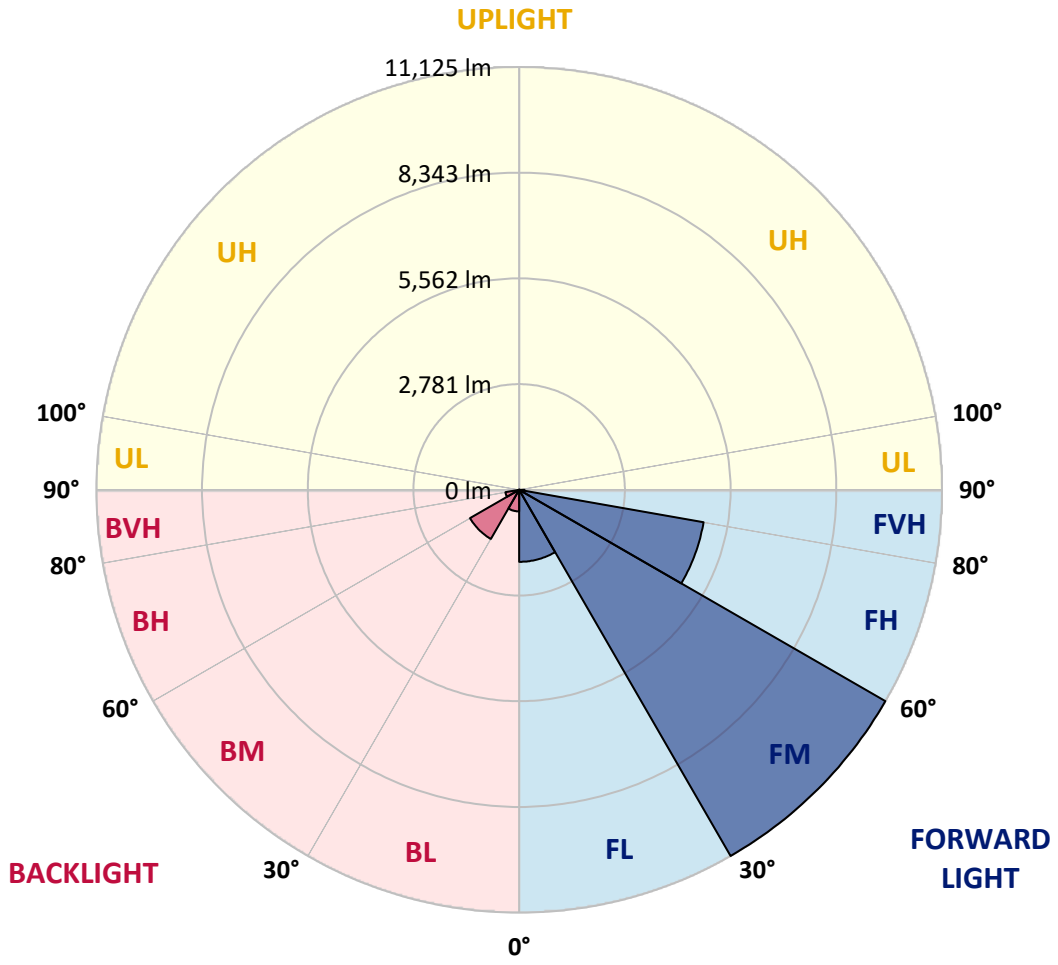
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1894.7	9.2			
FM	(30°-60°)	11124.5	54.2			
FH	(60°-80°)	4926.6	24.0			G2/5000
FVH	(80°-90°)	138.7	0.7			G2/225
BL	(0°-30°)	568.1	2.8	B2/1000		
BM	(30°-60°)	1491.5	7.3	B2/2500		
BH	(60°-80°)	368.3	1.8	B1/500		G1/500
BVH	(80°-90°)	7.2	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-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	3317.8	3317.8	3317.8	3317.8	3317.8	3317.8	3317.8	*3317.8*	3317.8	3317.8	3317.8
2.5°	3717.9	3705.6	3693.2	3674.8	3650.2	3625.5	3594.8	*3551.7*	3533.2	3471.7	3397.8
5°	3908.7	3908.7	3902.5	3890.2	3877.9	3853.3	3816.4	*3761.0*	3736.3	3650.2	3520.9
7.5°	3957.9	3964.1	3982.6	4007.2	4044.1	4038.0	4038.0	*3976.4*	3964.1	3871.8	3699.4
10°	3871.8	3877.9	3927.2	3994.9	4105.7	4210.3	4284.2	*4247.2*	4228.8	4136.4	3921.0
12.5°	3748.6	3748.6	3828.7	3933.3	4105.7	4302.6	4518.1	*4555.0*	4561.2	4456.5	4198.0
15°	3428.6	3440.9	3570.1	3779.4	4062.6	4370.3	4733.5	*4875.1*	4912.0	4844.3	4536.5
17.5°	3003.8	3016.2	3145.4	3428.6	3853.3	4370.3	4918.2	*5244.4*	5293.7	5306.0	4967.4
20°	2825.3	2825.3	2899.2	3114.6	3557.8	4253.4	5029.0	*5638.4*	5749.2	5884.6	5441.4
22.5°	2850.0	2850.0	2893.0	3016.2	3373.2	4093.4	5096.7	*5989.2*	6217.0	6561.7	6050.8
25°	2985.4	2985.4	3022.3	3102.3	3391.6	4068.7	5225.9	*6303.1*	6666.3	7318.8	6746.3
27.5°	3200.8	3194.7	3225.4	3305.5	3570.1	4185.7	5441.4	*6617.1*	7023.3	8168.2	7546.5
30°	3514.7	3496.3	3508.6	3600.9	3859.4	4456.5	5755.3	*7017.2*	7429.6	9097.7	8432.9
32.5°	4241.1	4234.9	4056.4	4007.2	4284.2	4893.6	6186.2	*7515.8*	7977.4	10082.6	9343.9
35°	5552.2	5638.4	5386.0	4739.7	4795.1	5478.3	6801.7	*8192.9*	8617.6	11129.0	10334.9
37.5°	6881.8	6881.8	6777.1	6013.8	5626.0	6124.6	7466.5	*8888.4*	9331.6	11972.3	11289.0
40°	7934.3	7989.7	7866.6	7294.2	6789.4	6863.3	8131.3	*9497.8*	9904.1	12489.3	11966.1
42.5°	8716.1	8703.8	8654.5	8279.0	7995.9	7829.7	8734.5	*9953.3*	10341.1	12754.0	12390.9
45°	9559.4	9559.4	9491.6	9183.9	8950.0	8808.4	9183.9	*10334.9*	10741.2	12914.1	12655.5
47.5°	10439.6	10427.3	10359.6	10021.0	9768.6	9559.4	9639.4	*10581.2*	10987.4	12809.4	12698.6
50°	10655.0	10642.7	10796.6	10808.9	10581.2	10181.1	10002.5	*10790.4*	11147.5	12815.6	12834.0
52.5°	10402.7	10476.5	10704.3	10981.3	11239.8	10821.2	10390.3	*11122.8*	11492.2	12987.9	13172.6
55°	9774.8	9805.6	10242.6	10685.8	11289.0	11436.8	11012.0	*11652.2*	11978.4	13154.1	13474.2
57.5°	8605.3	8722.2	9190.0	9959.5	10876.6	11492.2	12095.4	*12538.6*	12784.8	13221.8	13308.0
60°	6494.0	6555.5	7571.2	8568.3	10021.0	11049.0	13104.9	*14040.5*	14009.7	12458.6	12144.6
62.5°	3951.8	4007.2	4733.5	6315.5	8143.6	10125.7	13443.4	*15720.9*	15554.7	11172.1	10224.1
64°	*3219.3*	*3323.9*	*3773.3*	*5127.5*	*6697.1*	*9159.3*	*13344.9*	*15862.5*	*15733.2*	*10341.1*	*9110.0*
65°	2751.5	2893.0	3354.7	4450.4	5693.8	8119.0	13074.1	*15468.6*	15382.4	9836.4	8186.7
67.5°	1729.7	1797.4	2480.6	3459.3	3921.0	5195.2	11239.8	*13375.7*	13529.6	8765.3	6038.5
70°	1286.5	1317.3	1705.0	2677.6	3059.2	3022.3	7718.9	*10833.5*	10870.5	7011.0	3644.0
72.5°	935.6	941.8	1194.2	1982.0	2394.5	2062.1	4068.7	*8051.3*	7786.6	4105.7	1988.2
75°	621.7	646.3	837.1	1397.3	1865.1	1514.2	1852.8	*4585.8*	4505.8	2006.7	1138.8
77.5°	455.5	461.7	566.3	935.6	1465.0	1114.1	1120.3	*1975.9*	2037.4	1194.2	720.2
80°	258.5	270.8	369.3	572.5	954.1	763.3	627.9	*954.1*	1095.7	812.5	480.1
82.5°	153.9	166.2	264.7	375.5	652.5	313.9	320.1	*523.2*	652.5	584.8	258.5
85°	92.3	98.5	166.2	203.1	387.8	209.3	117.0	*258.5*	338.5	344.7	141.6
87.5°	61.6	61.6	92.3	86.2	110.8	98.5	49.2	*67.7*	86.2	117.0	55.4
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: P1457818
CATALOG NUMBER: GLAN-SB3D-835-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3317.8	3317.8	3317.8	3317.8	3317.8	3317.8	3317.8	3317.8	3317.8	3317.8	3317.8
2.5°	3336.2	3299.3	3188.5	3040.8	2905.4	2800.7	2671.5	2585.3	2505.3	2505.3	2437.5
5°	3416.3	3317.8	3046.9	2708.4	2345.2	2000.5	1778.9	1532.7	1452.7	1385.0	1397.3
7.5°	3551.7	3373.2	2893.0	2283.7	1705.0	1335.7	1089.5	978.7	929.5	898.7	904.8
10°	3717.9	3471.7	2708.4	1852.8	1255.7	978.7	861.8	818.7	800.2	794.0	794.0
12.5°	3945.6	3588.6	2523.7	1489.6	991.0	843.3	781.7	757.1	738.6	726.3	726.3
15°	4216.5	3736.3	2308.3	1224.9	867.9	775.6	726.3	701.7	677.1	670.9	670.9
17.5°	4561.2	3890.2	2117.5	1052.6	806.4	726.3	677.1	646.3	627.9	621.7	621.7
20°	4942.8	4081.0	1926.6	954.1	763.3	677.1	627.9	603.2	584.8	572.5	578.6
22.5°	5429.1	4321.1	1803.5	904.8	726.3	634.0	584.8	560.1	541.7	529.4	535.5
25°	5964.6	4622.7	1735.8	904.8	701.7	603.2	547.8	523.2	504.7	492.4	492.4
27.5°	6617.1	4961.3	1742.0	941.8	695.6	578.6	517.1	492.4	474.0	455.5	455.5
30°	7337.3	5361.4	1809.7	1009.5	707.9	554.0	492.4	455.5	443.2	424.7	424.7
32.5°	8100.5	5823.0	1982.0	1095.7	695.6	523.2	455.5	424.7	406.3	393.9	393.9
35°	8906.9	6346.2	2197.5	1132.6	634.0	480.1	424.7	393.9	381.6	375.5	369.3
37.5°	9676.3	6801.7	2314.4	1058.7	554.0	443.2	387.8	357.0	350.9	338.5	338.5
40°	10273.4	7177.2	2246.7	904.8	510.9	406.3	357.0	326.2	313.9	301.6	301.6
42.5°	10624.2	7312.6	2000.5	769.4	480.1	369.3	326.2	295.5	283.1	277.0	277.0
45°	10827.4	7294.2	1711.2	689.4	449.3	338.5	295.5	277.0	258.5	252.4	246.2
47.5°	10821.2	7103.3	1501.9	621.7	418.6	313.9	277.0	258.5	240.1	233.9	233.9
50°	10778.1	6820.2	1268.0	572.5	393.9	295.5	258.5	246.2	227.8	221.6	215.4
52.5°	10882.8	6660.2	1058.7	541.7	363.2	283.1	252.4	233.9	209.3	203.1	203.1
55°	11012.0	6567.8	849.4	510.9	338.5	277.0	240.1	221.6	197.0	190.8	190.8
57.5°	10636.6	6217.0	701.7	461.7	307.8	264.7	227.8	215.4	190.8	172.4	172.4
60°	9454.7	5139.8	578.6	406.3	283.1	246.2	215.4	197.0	172.4	147.7	147.7
62.5°	7688.1	3921.0	480.1	344.7	264.7	227.8	197.0	178.5	147.7	117.0	117.0
64°	*6678.6*	*3330.1*	*430.9*	*301.6*	*252.4*	*209.3*	*178.5*	*160.0*	*129.3*	*98.5*	*92.3*
65°	5989.2	2942.3	400.1	283.1	246.2	197.0	172.4	153.9	117.0	92.3	86.2
67.5°	4216.5	1975.9	320.1	233.9	215.4	166.2	147.7	129.3	104.6	80.0	73.9
70°	2456.0	1120.3	252.4	197.0	166.2	129.3	123.1	117.0	92.3	61.6	61.6
72.5°	1335.7	560.1	190.8	160.0	129.3	92.3	104.6	92.3	73.9	49.2	43.1
75°	818.7	344.7	141.6	117.0	86.2	67.7	80.0	67.7	43.1	30.8	24.6
77.5°	547.8	221.6	104.6	80.0	55.4	43.1	55.4	36.9	18.5	6.2	6.2
80°	338.5	153.9	67.7	49.2	30.8	18.5	12.3	6.2	6.2	0.0	0.0
82.5°	147.7	98.5	36.9	24.6	12.3	6.2	6.2	0.0	0.0	0.0	0.0
85°	80.0	30.8	12.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.6	12.3	6.2	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

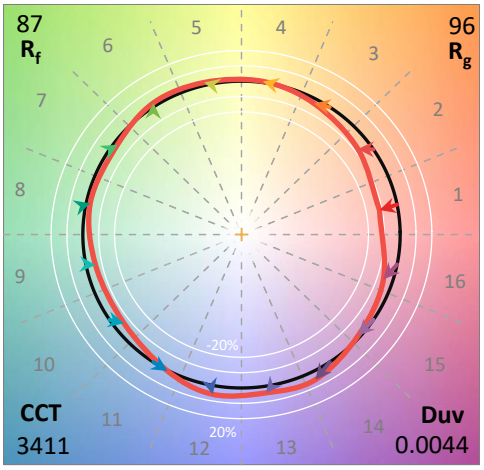
Test Information

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

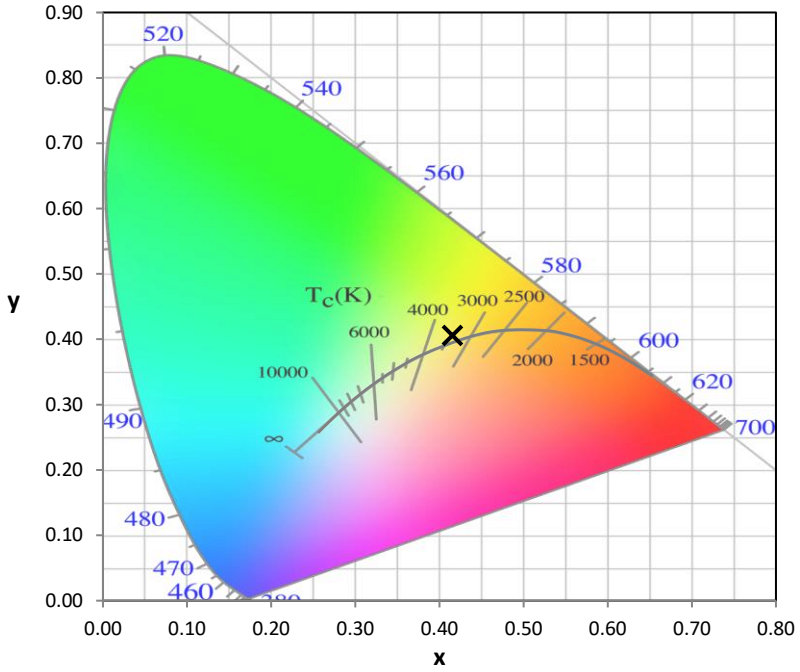
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

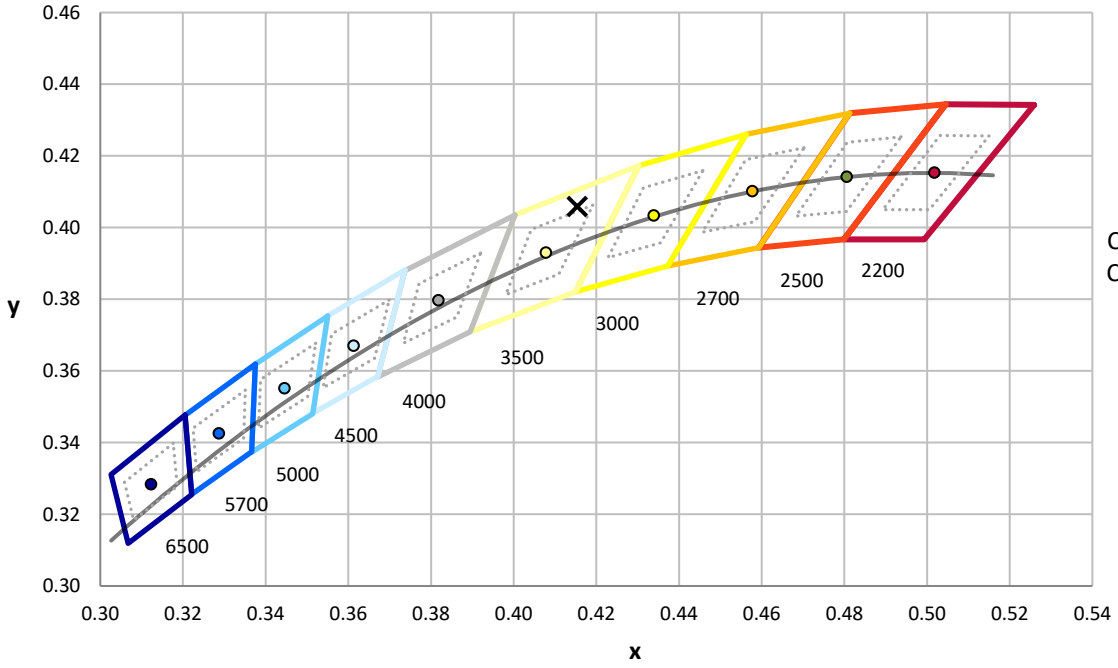
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

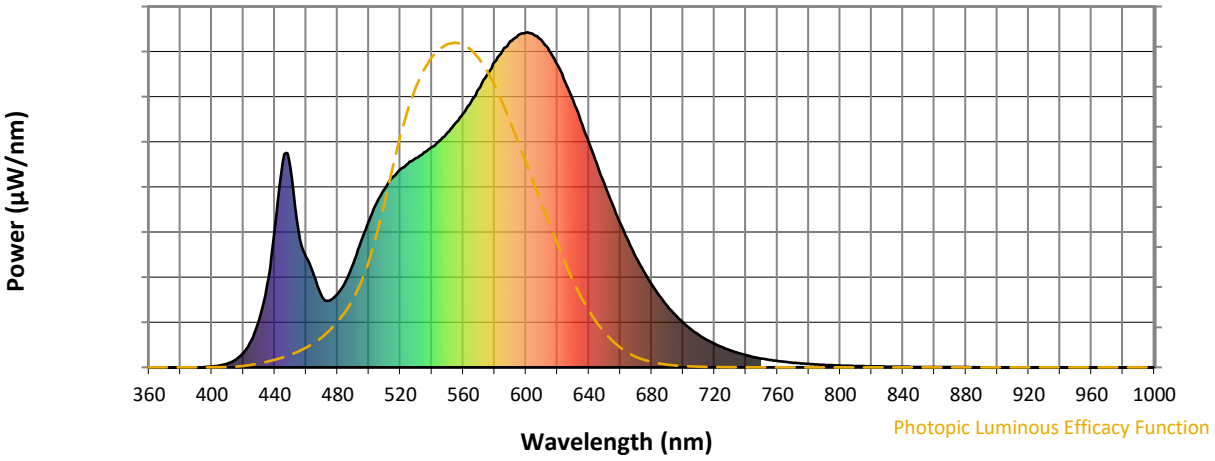


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

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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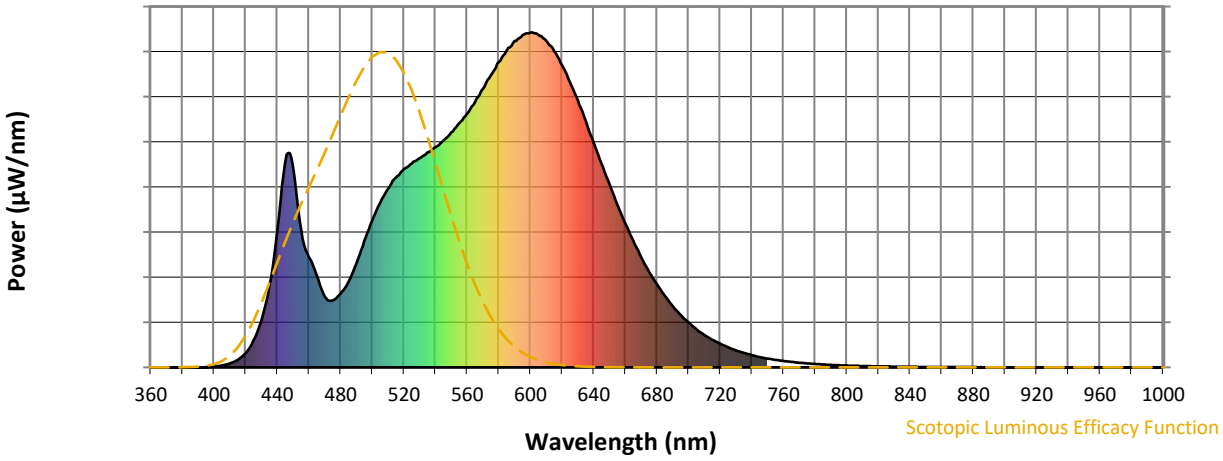
Scotopic Flux vs. Wavelength



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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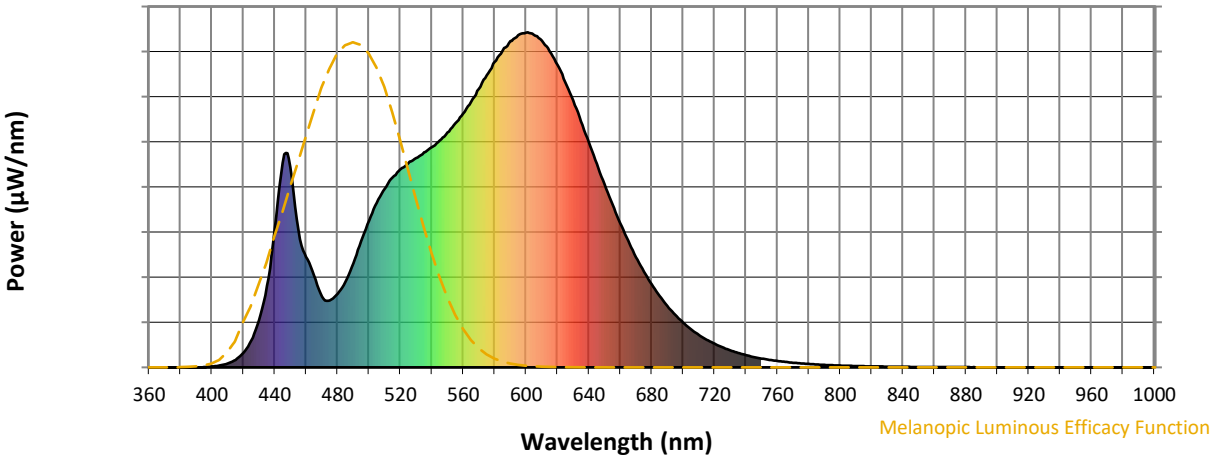
Melanopic Flux vs. Wavelength



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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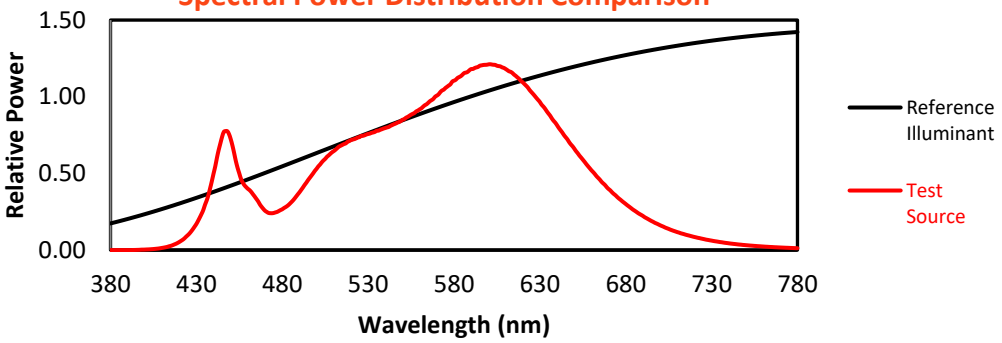
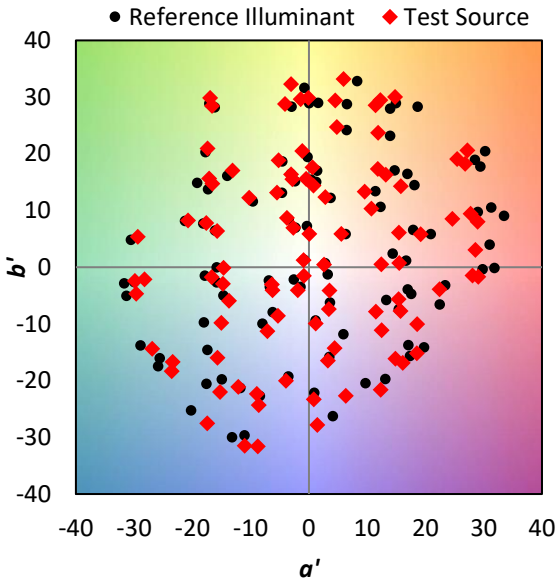
Summary

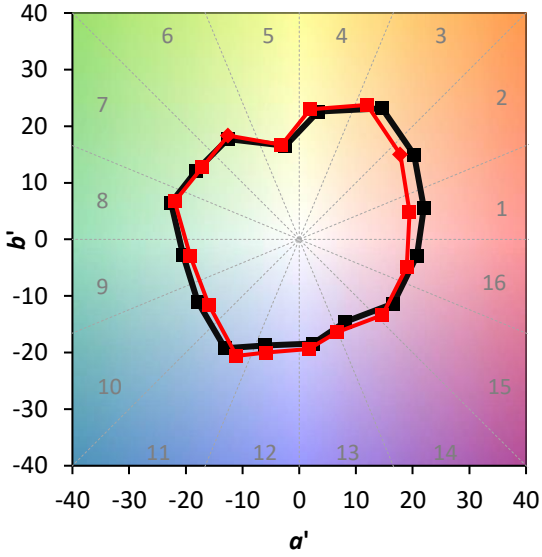
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

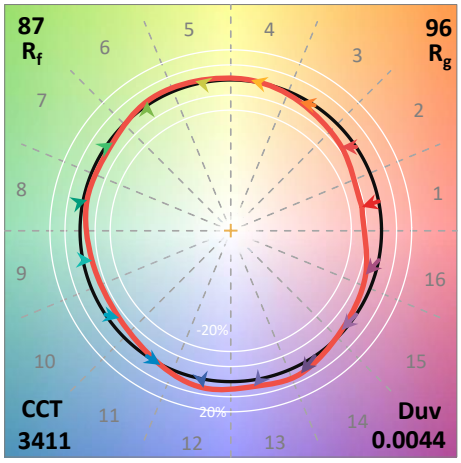
Spectral Power Distribution Comparison

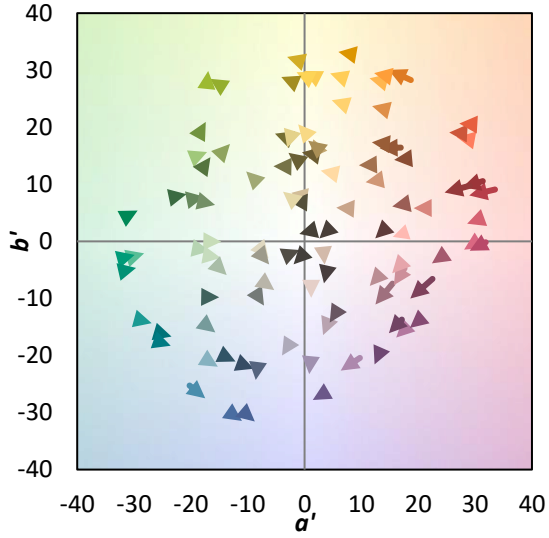


Color Vector Graphics









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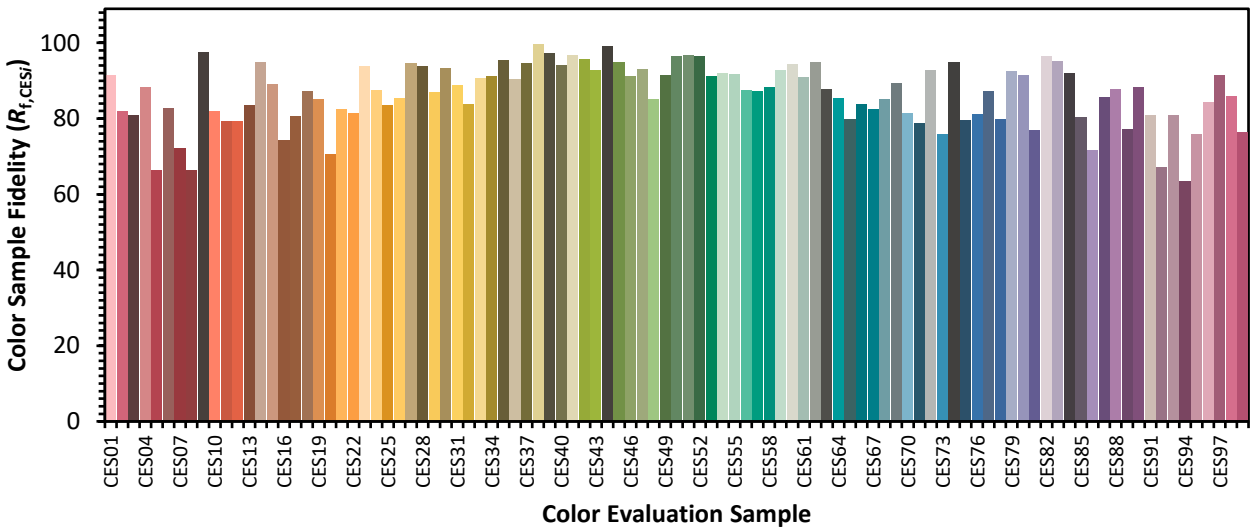
Individual Sample Fidelity Index ($R_{f,i}$)

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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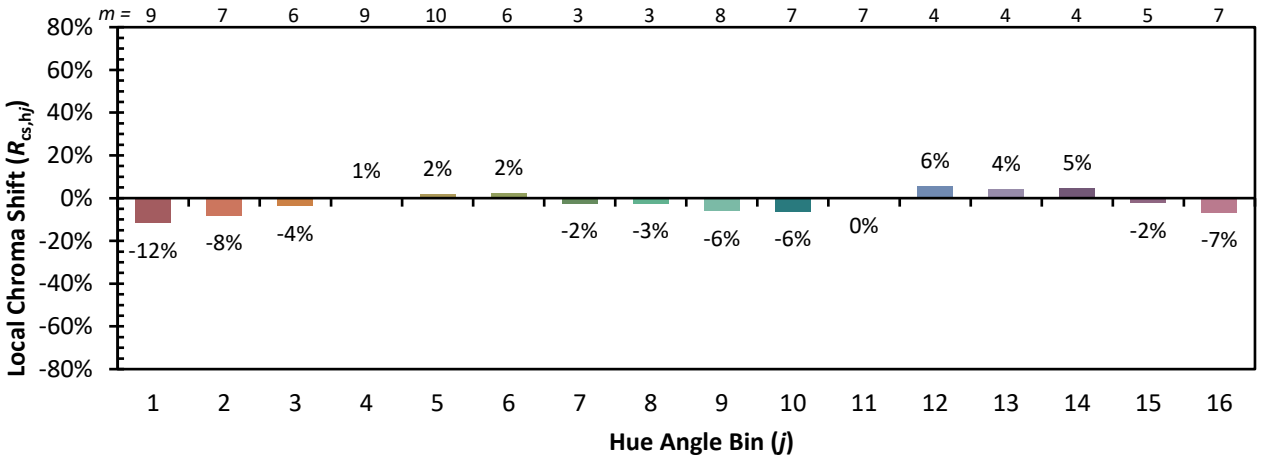
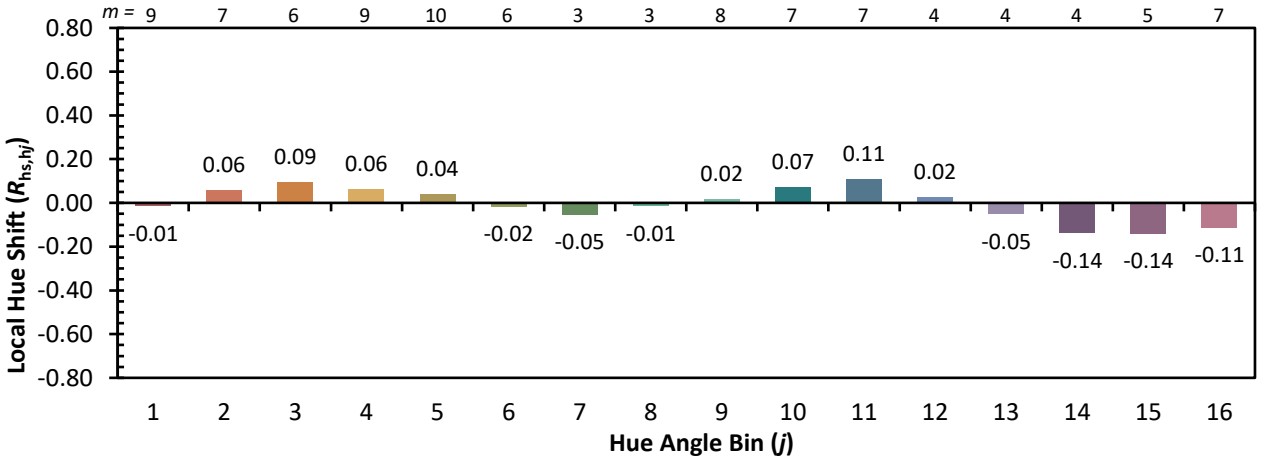
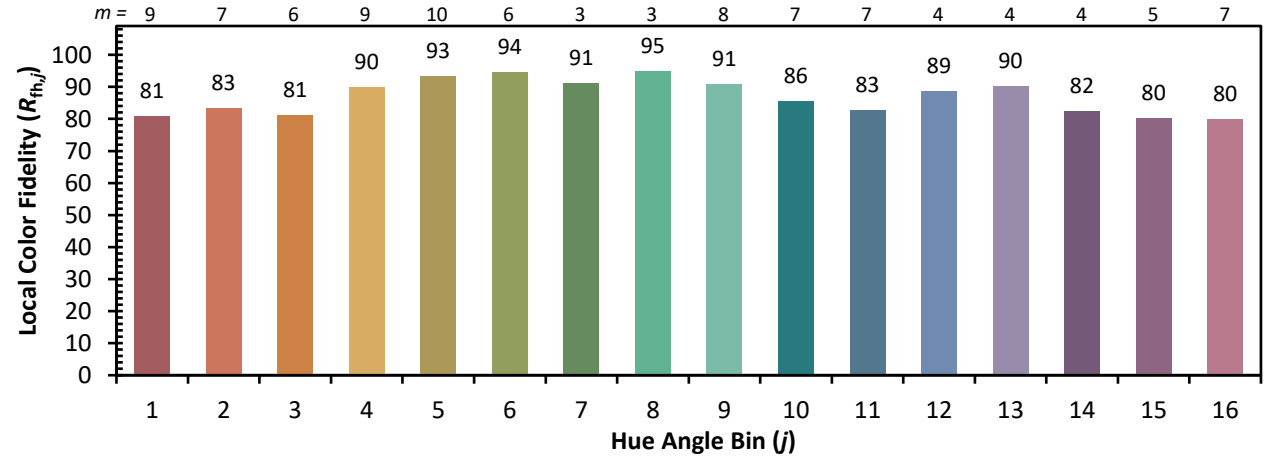
Color Rendition by Hue-Angle Bin







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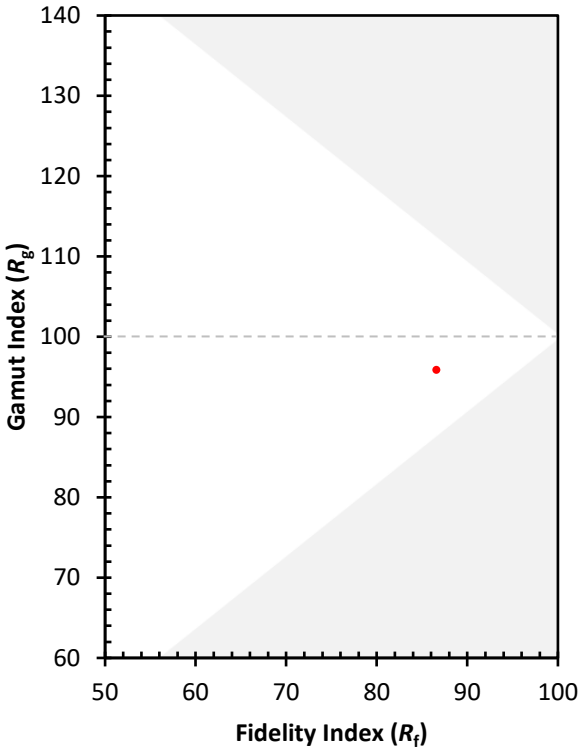
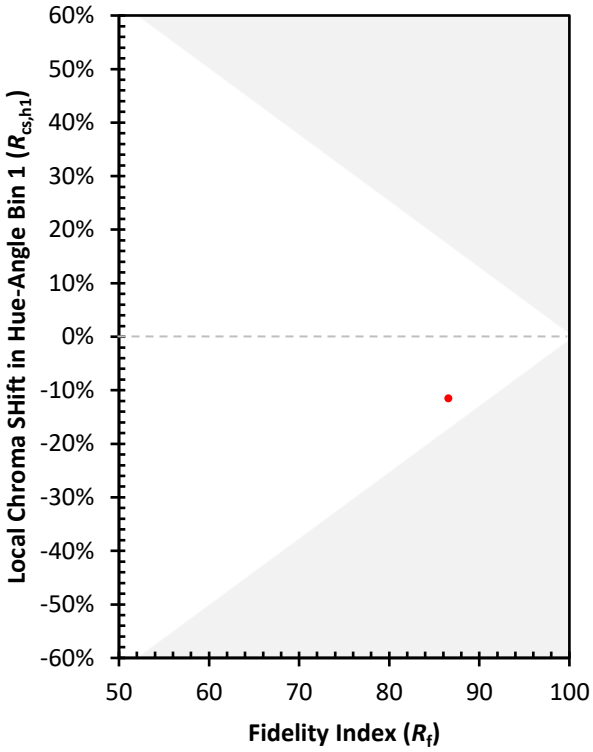
Measure Comparisons





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