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: P1459170

Luminaire Tested: GLAN-SB8D-935-U-T4LG-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:	P1459170
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8D-935-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 8xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(208) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	41537.2 lumens
Efficiency:	N/A
Efficacy:	71.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G5

Input Watts (W):	584.9
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: P1459170
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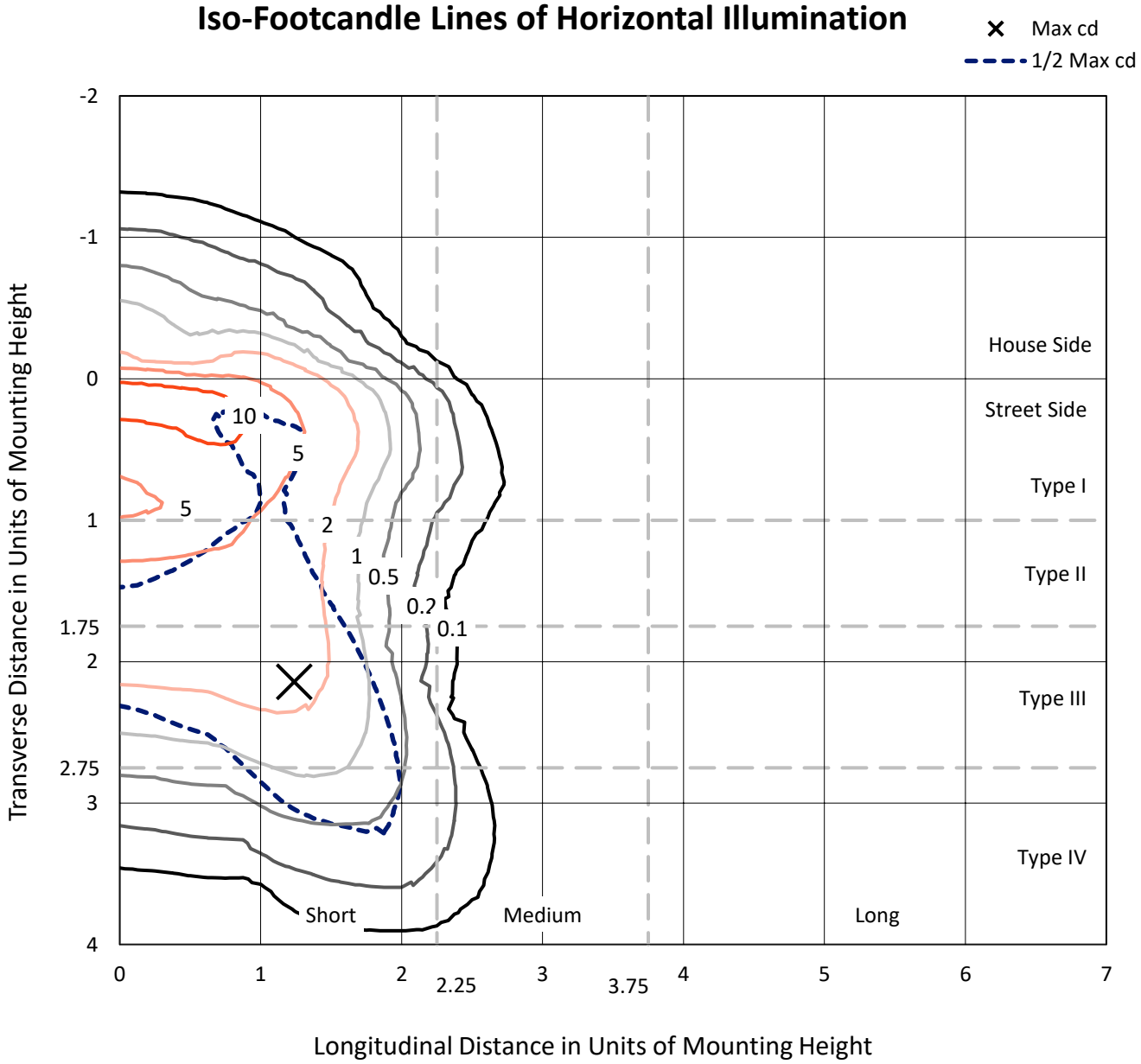
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 13.9 fc
Type IV - Short - N/A

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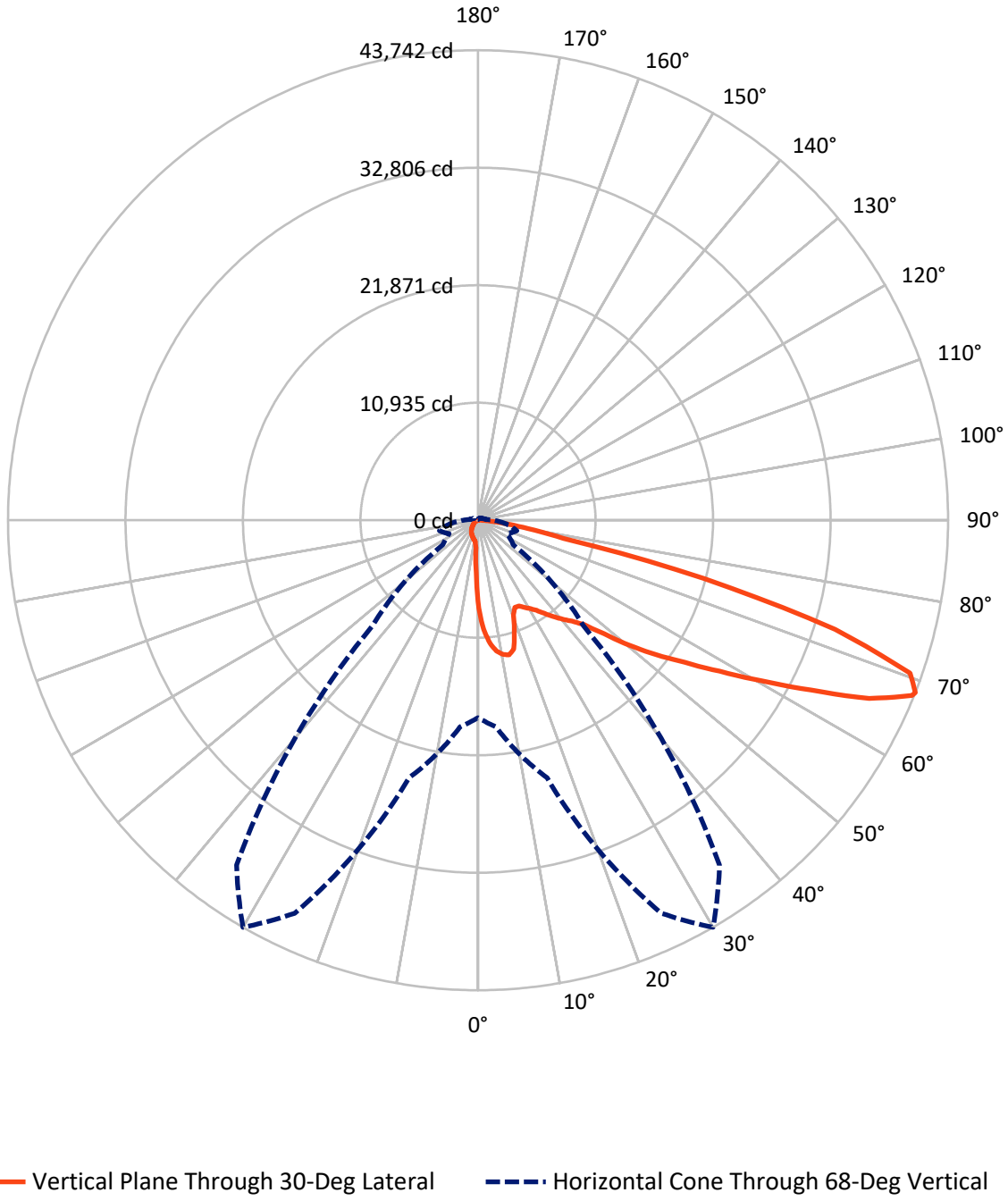
Luminous Intensity Polar Plot



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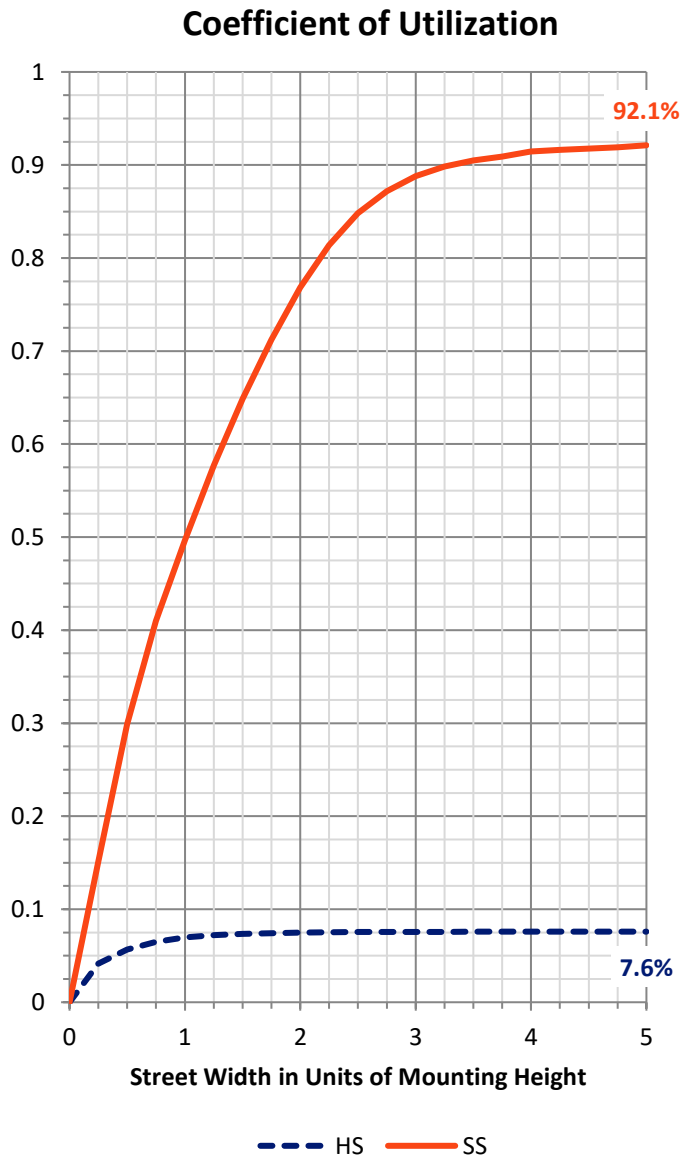
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3170.4	0.0	3170.4
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	38366.8	0.0	38366.8
	% Fixture	92.4	0.0	92.4
Total	Lumens	41537.2	0.0	41537.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	706.7	1.7
10°-20°	2017.7	4.9
20°-30°	3170.8	7.6
30°-40°	4973.2	12.0
40°-50°	7433.4	17.9
50°-60°	9888.9	23.8
60°-70°	9559.5	23.0
70°-80°	3436.3	8.3
80°-90°	350.7	0.8
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°	41537.2	100.0
0°-180°	41537.2	100.0



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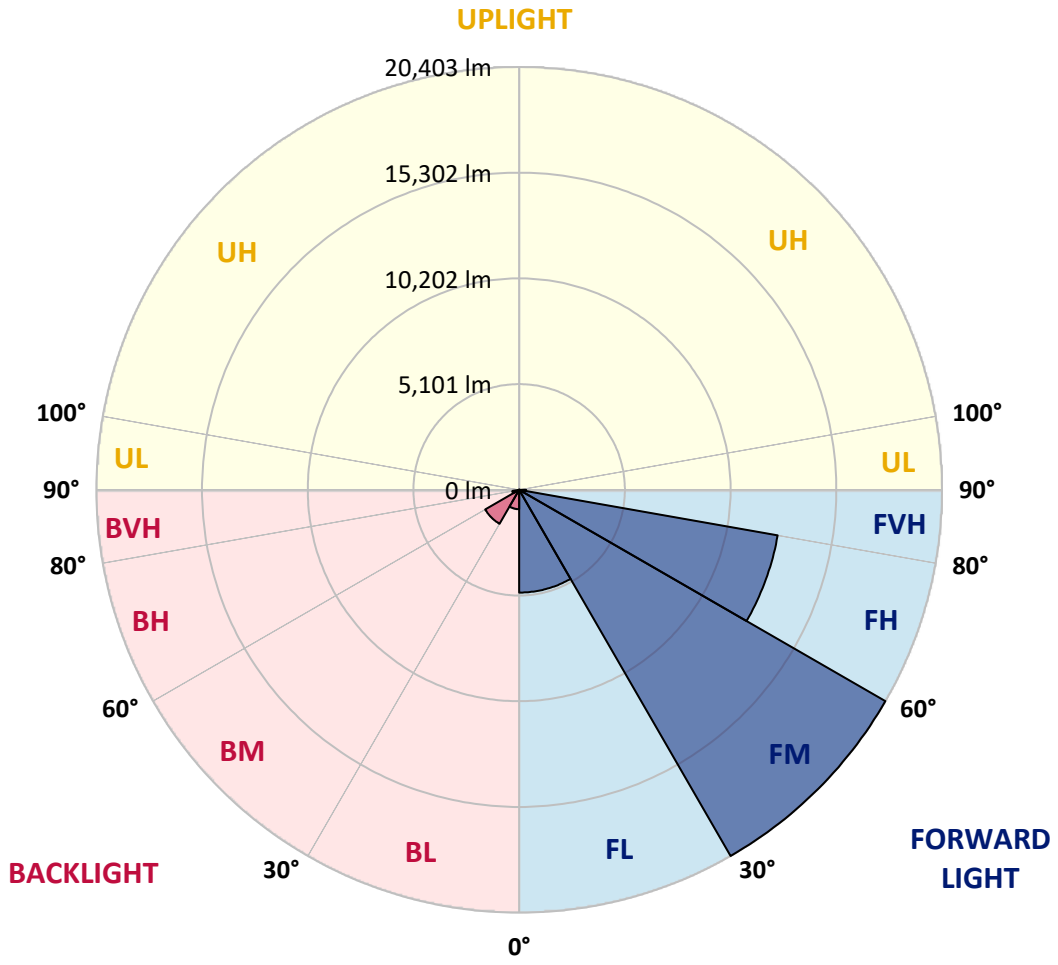
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4959.5	11.9			
FM	(30°-60°)	20403.1	49.1			
FH	(60°-80°)	12666.0	30.5			G5
FVH	(80°-90°)	338.2	0.8			G3/500
BL	(0°-30°)	935.8	2.3	B2/1000		
BM	(30°-60°)	1892.4	4.6	B2/2500		
BH	(60°-80°)	329.7	0.8	B1/500		G1/500
BVH	(80°-90°)	12.4	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G5
Type IV Short



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REPORT NUMBER: P1459170
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	8190.6	8190.6	8190.6	8190.6	*8190.6*	8190.6	8190.6	8190.6	8190.6	8190.6	8190.6
2.5°	10468.6	10468.6	10393.9	10294.3	*10182.3*	10144.9	9933.3	9634.6	9323.4	8962.4	8439.6
5°	11812.9	11800.5	11651.1	11651.1	*11501.8*	11364.8	11153.2	10717.5	10219.6	9572.3	8663.7
7.5°	12410.4	12435.3	12373.1	12373.1	*12286.0*	12186.4	12061.9	11638.7	11053.6	10182.3	8887.7
10°	12622.1	12634.5	12634.5	12721.6	*12696.7*	12684.3	12671.8	12435.3	11825.4	10804.7	9124.2
12.5°	12111.7	12173.9	12348.2	12734.1	*12858.6*	12995.5	13182.2	13107.5	12684.3	11588.9	9485.2
15°	10468.6	10481.0	10966.5	11925.0	*12435.3*	12958.1	13680.1	13829.5	13555.6	12435.3	9858.6
17.5°	8638.8	8676.1	9062.0	10132.5	*10954.1*	12161.5	13966.4	14576.4	14476.8	13269.3	10207.2
20°	7879.4	7929.2	8116.0	8788.1	*9410.5*	10530.8	13680.1	15285.9	15323.2	14103.3	10530.8
22.5°	7705.2	7742.5	7891.9	8414.7	*8800.6*	9547.5	12709.2	15846.0	16281.7	15061.8	10916.7
25°	7655.4	7692.7	7916.8	8489.4	*8850.4*	9472.8	11825.4	16144.8	17414.5	16057.6	11290.1
27.5°	7618.0	7667.8	8028.8	8763.2	*9186.5*	9784.0	11663.6	16207.0	18497.4	17115.7	11900.1
30°	7667.8	7742.5	8215.5	9049.5	*9535.0*	10207.2	12049.5	16269.3	19692.4	18323.1	12671.8
32.5°	7867.0	7929.2	8501.8	9435.4	*9995.6*	10754.9	12709.2	16642.7	20825.1	19555.5	13406.3
35°	8091.1	8178.2	8862.8	9983.1	*10655.3*	11514.2	13605.4	17377.1	21908.1	20725.6	14165.6
37.5°	8364.9	8464.5	9286.0	10605.5	*11377.3*	12348.2	14576.4	18397.8	22866.6	21684.0	14924.9
40°	8738.3	8850.4	9771.5	11265.2	*12099.2*	13070.2	15534.8	19406.1	23601.0	22256.6	15422.8
42.5°	10207.2	10356.6	10742.4	11912.5	*12846.1*	13841.9	16480.9	20364.6	23874.9	22443.4	15522.4
45°	12945.7	13095.1	12995.5	13219.5	*13841.9*	14775.5	17514.0	21285.7	23912.2	22393.6	15472.6
47.5°	15696.7	15870.9	15783.8	15659.3	*15796.2*	16244.4	18671.7	21870.8	23713.0	22368.7	15472.6
50°	18323.1	18223.6	18236.0	18198.7	*18323.1*	18559.7	19792.0	21982.8	23663.2	22605.2	15609.5
52.5°	19729.7	19779.5	20090.7	20551.3	*20825.1*	21061.7	21074.1	22157.1	23302.3	22206.9	15447.7
55°	21111.4	21211.0	21933.0	22717.2	*23327.2*	23775.3	22356.2	22045.0	21148.8	20874.9	14601.3
57.5°	22667.4	22804.3	23825.1	25443.3	*26513.8*	26750.3	23625.9	19953.8	17899.9	18970.4	12958.1
60°	24808.4	24970.3	26327.1	28754.4	*30347.7*	29862.2	23725.5	16630.2	14215.4	15746.5	10692.6
62.5°	26488.9	26812.5	29264.7	33048.9	*34804.0*	33260.5	21870.8	12746.5	9933.3	11066.1	7804.8
65°	24696.4	25318.8	29314.5	37965.8	*39994.7*	37256.2	18958.0	8701.0	5601.5	7157.5	4991.6
67.5°	19966.3	20837.6	26028.3	40355.7	*43554.8*	39359.9	14924.9	4618.1	3211.5	4157.6	2626.5
68°	*18372.9*	*19319.0*	*24820.9*	*40355.7*	*43741.5*	*39173.2*	*13854.4*	*3995.7*	*2962.6*	*3734.3*	*2277.9*
70°	12696.7	13368.9	19082.5	38090.2	*42646.1*	35712.7	9124.2	2290.4	2228.2	2564.2	1506.2
72.5°	6223.9	6945.9	10207.2	30185.9	*34741.8*	27447.4	4157.6	1518.6	1692.9	1879.6	1182.5
75°	2477.1	2626.5	4020.6	14887.6	*21708.9*	17514.0	2178.4	1145.2	1456.4	1468.8	933.6
77.5°	1419.0	1506.2	2228.2	5477.0	*8140.9*	7829.7	1406.6	821.6	1157.6	1058.1	609.9
80°	796.7	809.1	1257.2	2887.9	*4655.5*	4170.0	958.5	597.5	883.8	746.9	410.8
82.5°	398.3	448.1	796.7	1593.3	*2589.1*	2651.4	510.4	423.2	709.5	535.3	336.1
85°	286.3	311.2	572.6	883.8	*1195.0*	1792.5	311.2	211.6	535.3	361.0	236.5
87.5°	149.4	186.7	361.0	435.7	*485.5*	609.9	149.4	99.6	298.7	211.6	124.5
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: P1459170
CATALOG NUMBER: GLAN-SB8D-935-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8190.6	8190.6	8190.6	8190.6	8190.6	8190.6	8190.6	8190.6	8190.6	8190.6	8190.6
2.5°	8190.6	7904.3	7319.3	6634.7	6099.4	5551.7	5103.6	4680.4	4481.2	4456.3	4506.1
5°	8153.3	7530.9	6199.0	4892.0	3821.5	3074.6	2663.8	2452.2	2340.2	2290.4	2302.8
7.5°	8078.6	7132.6	5004.0	3311.1	2477.1	2153.5	2053.9	2016.5	2004.1	2004.1	2004.1
10°	8003.9	6597.3	3833.9	2427.3	2029.0	1941.9	1917.0	1917.0	1904.5	1904.5	1917.0
12.5°	7966.6	6099.4	2975.0	2029.0	1892.1	1854.7	1829.8	1817.4	1817.4	1817.4	1829.8
15°	7879.4	5551.7	2402.4	1879.6	1804.9	1755.1	1742.7	1730.2	1730.2	1730.2	1730.2
17.5°	7804.8	5016.5	2091.2	1780.0	1717.8	1668.0	1655.6	1643.1	1643.1	1655.6	1655.6
20°	7692.7	4506.1	1879.6	1680.5	1630.7	1580.9	1568.4	1556.0	1568.4	1568.4	1568.4
22.5°	7555.8	4082.9	1755.1	1605.8	1543.5	1493.7	1493.7	1493.7	1493.7	1493.7	1506.2
25°	7468.7	3784.1	1668.0	1518.6	1456.4	1419.0	1406.6	1406.6	1431.5	1431.5	1443.9
27.5°	7605.6	3709.4	1680.5	1493.7	1381.7	1344.4	1331.9	1331.9	1356.8	1369.3	1381.7
30°	8016.4	3846.4	1829.8	1568.4	1331.9	1269.7	1257.2	1257.2	1294.6	1307.0	1319.5
32.5°	8489.4	4132.7	2053.9	1668.0	1294.6	1195.0	1170.1	1170.1	1207.4	1219.9	1232.3
35°	9136.7	4580.8	2352.6	1755.1	1319.5	1120.3	1070.5	1070.5	1095.4	1120.3	1132.7
37.5°	9970.7	5315.2	2701.2	1817.4	1319.5	1033.2	970.9	958.5	983.4	983.4	995.8
40°	10842.0	6273.7	3062.2	1817.4	1257.2	946.0	883.8	846.4	858.9	846.4	858.9
42.5°	11327.5	7045.4	3373.4	1705.3	1182.5	858.9	796.7	746.9	734.4	709.5	722.0
45°	11601.3	7394.0	3286.2	1580.9	1107.9	796.7	722.0	659.7	634.8	597.5	597.5
47.5°	11601.3	7431.3	2813.2	1481.3	1033.2	746.9	647.3	585.0	547.7	510.4	522.8
50°	11464.4	7095.2	2228.2	1381.7	946.0	697.1	585.0	535.3	485.5	460.6	460.6
52.5°	10891.8	5999.8	1705.3	1257.2	846.4	634.8	522.8	473.0	423.2	410.8	410.8
55°	9908.4	4406.5	1381.7	1132.7	759.3	585.0	473.0	435.7	385.9	361.0	361.0
57.5°	8053.7	3012.4	1145.2	1020.7	672.2	522.8	423.2	385.9	323.6	298.7	298.7
60°	5974.9	1966.8	970.9	896.2	572.6	473.0	373.4	323.6	273.9	249.0	236.5
62.5°	4033.1	1331.9	809.1	709.5	485.5	410.8	323.6	273.9	211.6	161.8	161.8
65°	2514.5	1033.2	672.2	560.2	423.2	361.0	273.9	211.6	149.4	112.0	99.6
67.5°	1443.9	834.0	547.7	435.7	361.0	286.3	211.6	174.3	124.5	87.1	74.7
68°	*1331.9*	*796.7*	*510.4*	*410.8*	*336.1*	*273.9*	*199.2*	*161.8*	*112.0*	*74.7*	*74.7*
70°	1083.0	709.5	435.7	336.1	286.3	224.1	174.3	136.9	87.1	49.8	49.8
72.5°	958.5	597.5	373.4	261.4	199.2	186.7	136.9	99.6	62.2	37.3	24.9
75°	784.2	473.0	298.7	199.2	136.9	136.9	99.6	62.2	24.9	0.0	0.0
77.5°	510.4	348.5	236.5	124.5	74.7	87.1	62.2	24.9	0.0	0.0	0.0
80°	336.1	261.4	161.8	62.2	37.3	37.3	12.4	0.0	0.0	0.0	0.0
82.5°	236.5	174.3	99.6	24.9	12.4	12.4	0.0	0.0	0.0	0.0	0.0
85°	149.4	74.7	37.3	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	62.2	24.9	12.4	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

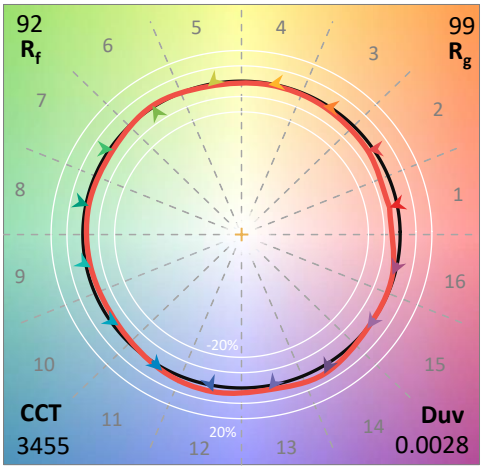
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-15
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-935-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3455
CIE u':	0.2356
CIE v':	0.5159
Duv:	0.0028
CIE x:	0.4109
CIE y:	0.3999
CIE z:	0.1892
Peak Wavelength (nm):	616
Dominant Wavelength (nm):	579
Purity:	43.35383
Rf:	92.3
Rg:	98.5

CRI (Ra):	92.2
R1:	92.0
R2:	94.4
R3:	95.6
R4:	93.2
R5:	91.4
R6:	92.5
R7:	94.5
R8:	84.2
R9:	59.8
R10:	85.8
R11:	93.2
R12:	78.0
R13:	92.5
R14:	97.0
R15:	88.4



Test Conditions

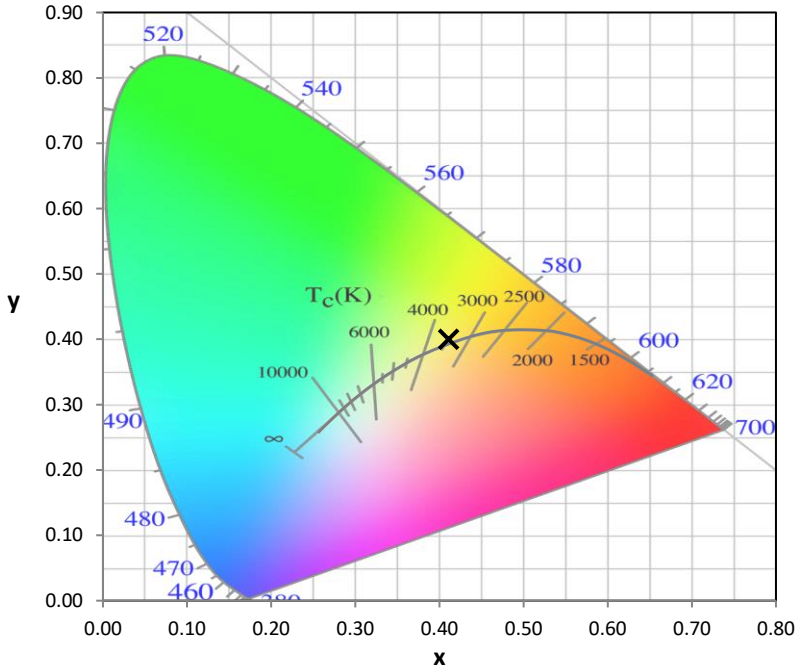
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

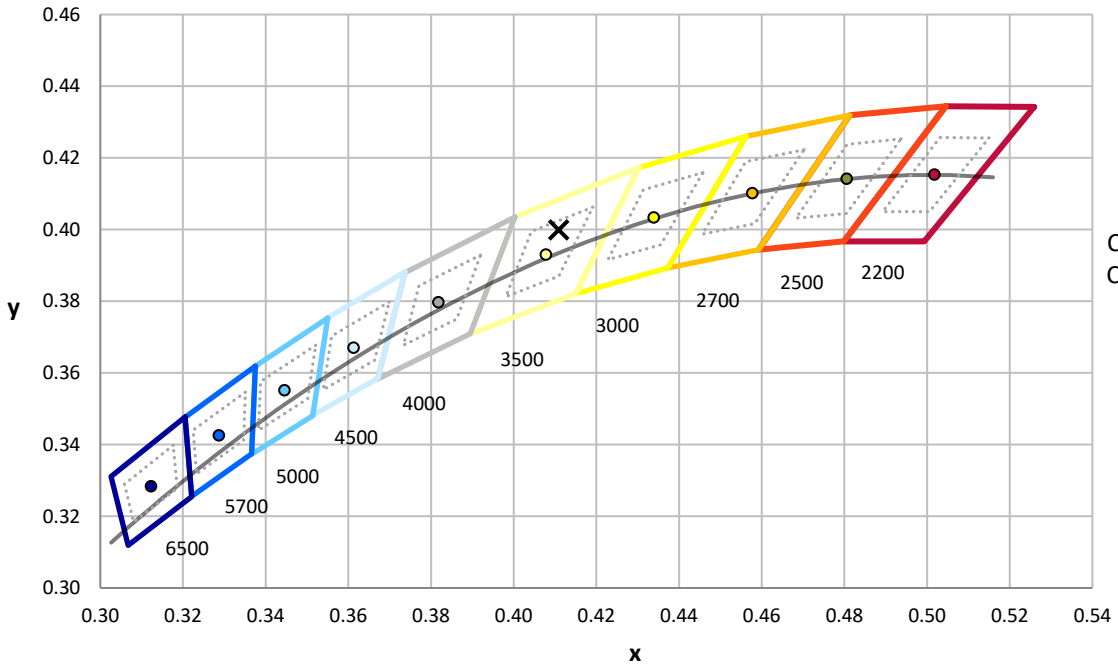
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



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



CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

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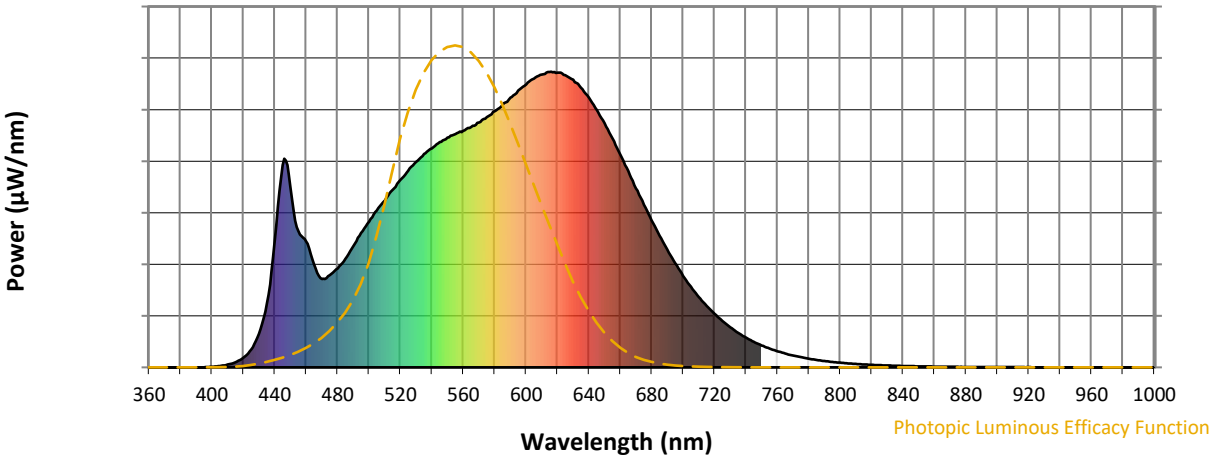
Photopic Flux vs. Wavelength



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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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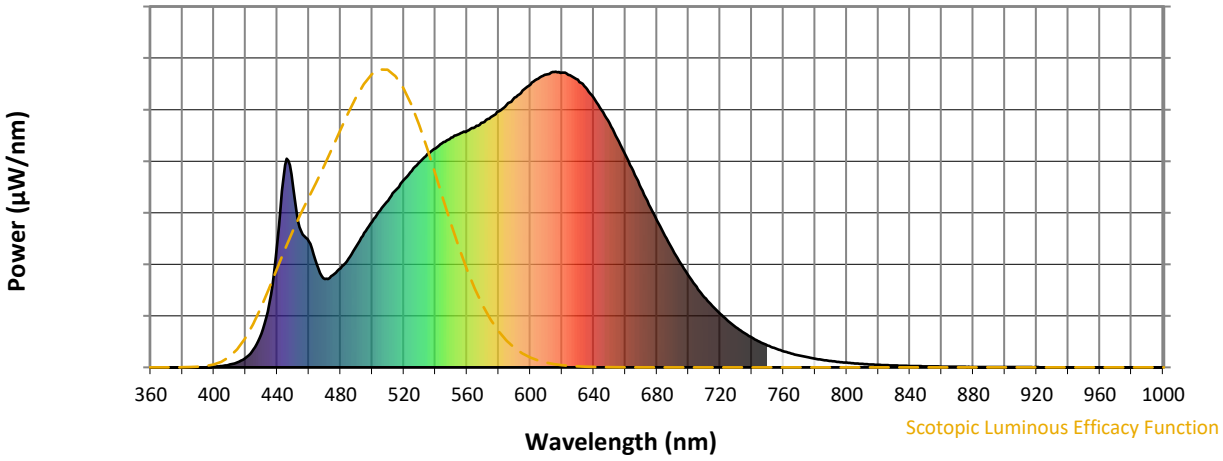
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.58**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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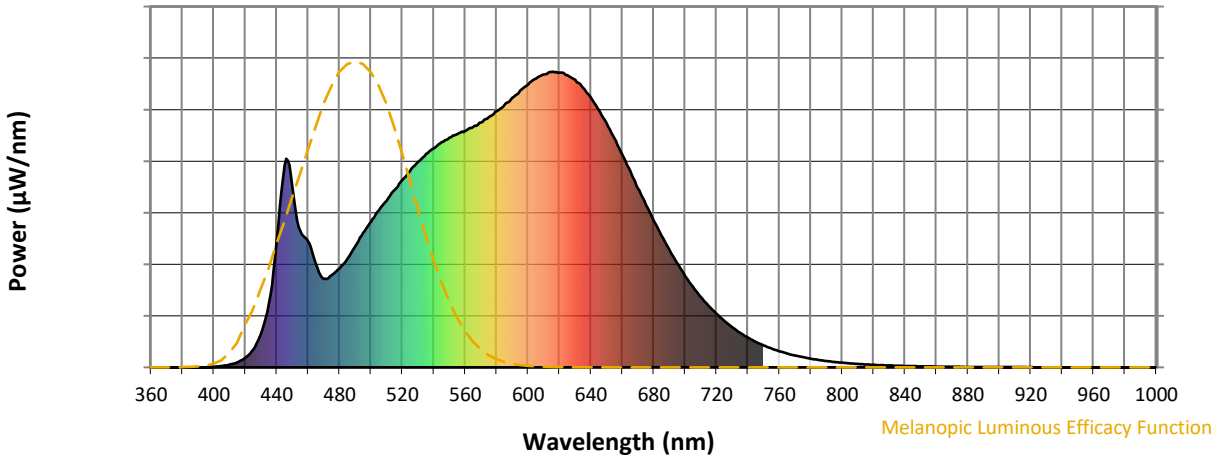
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.14**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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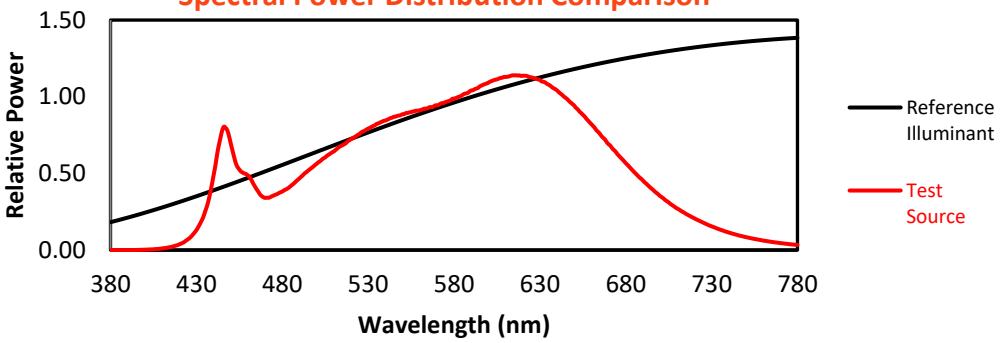
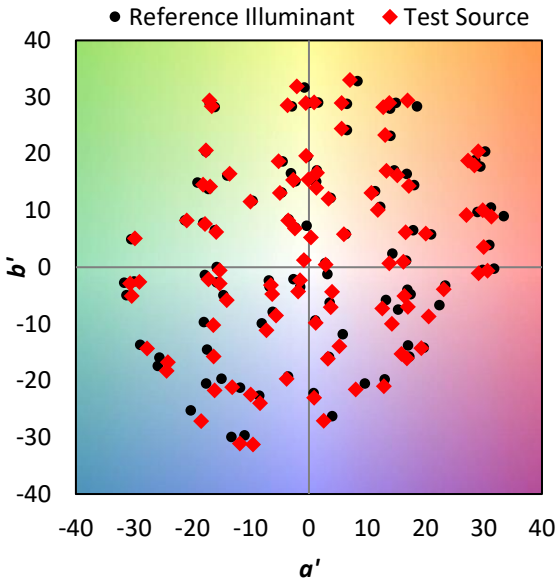
Summary

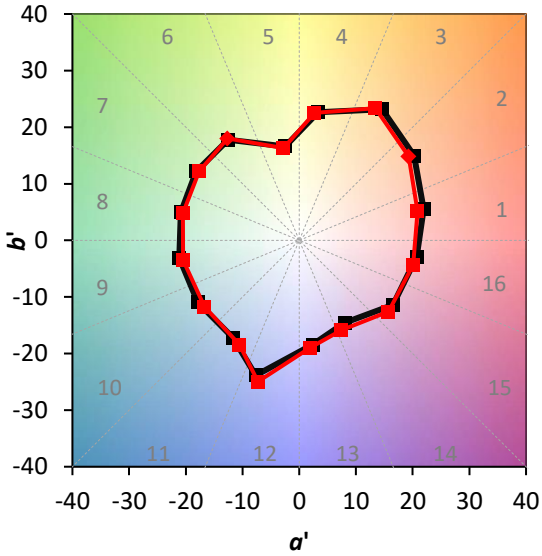
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

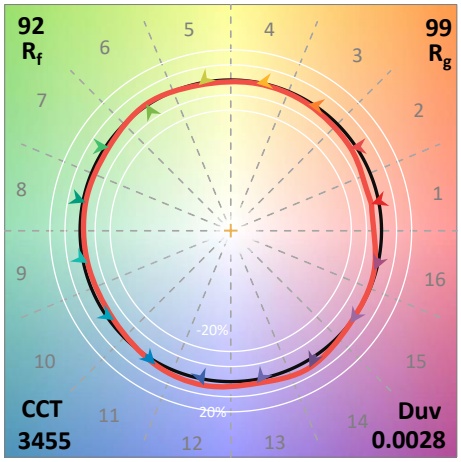
Spectral Power Distribution Comparison

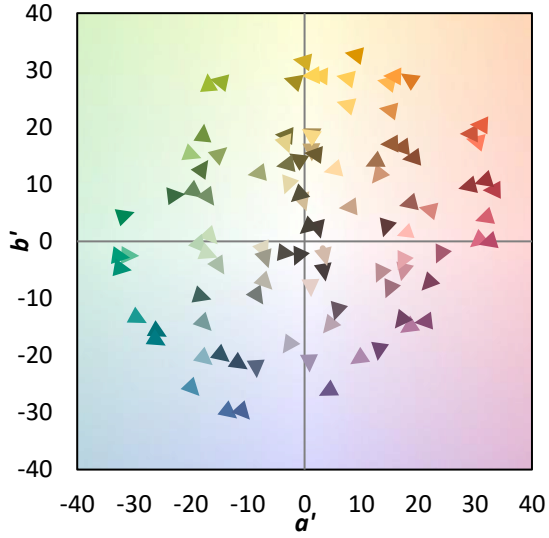


Color Vector Graphics









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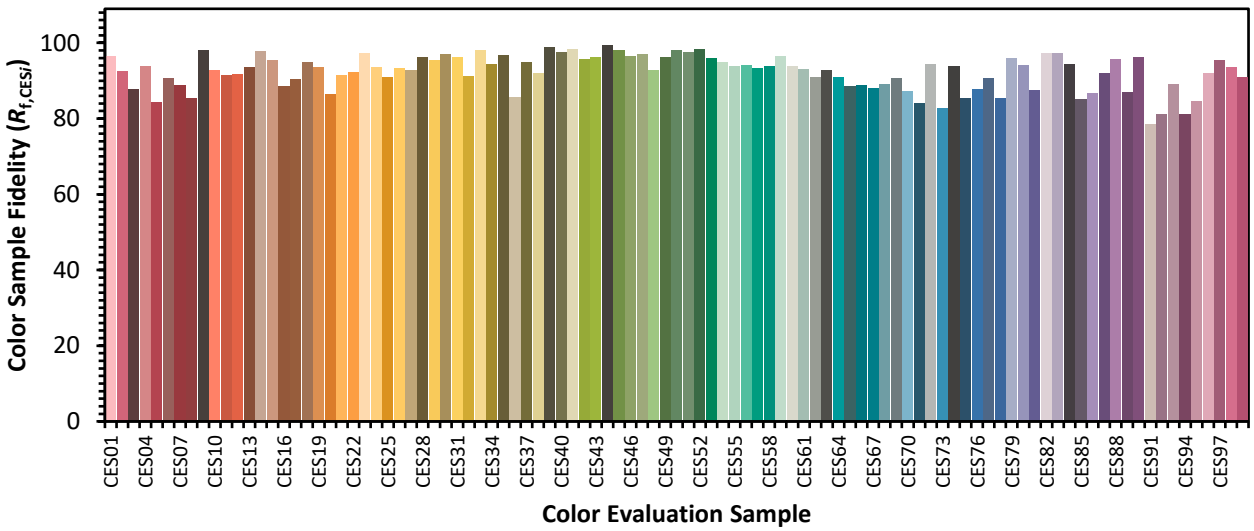
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



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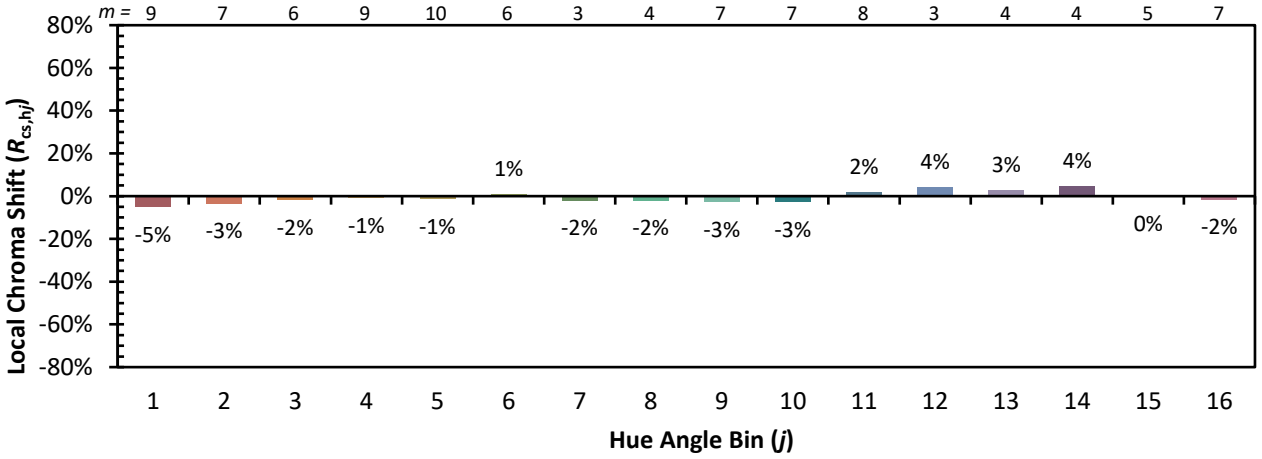
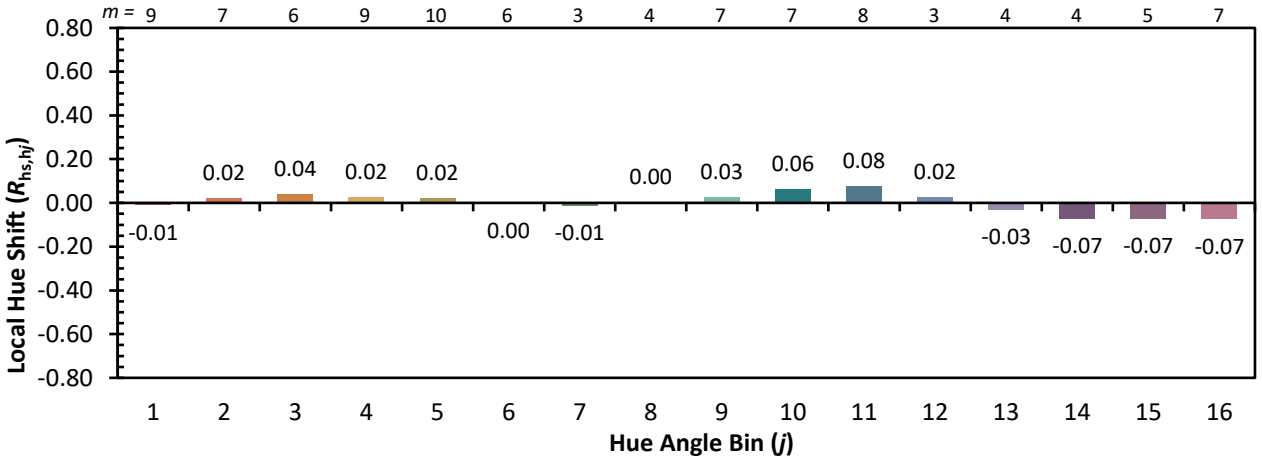
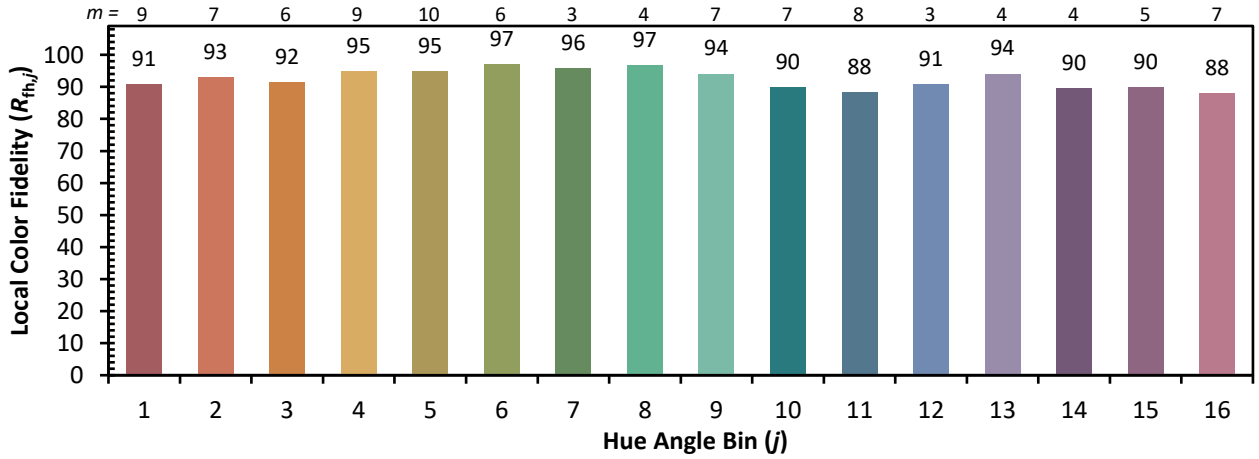
Color Rendition by Hue-Angle Bin







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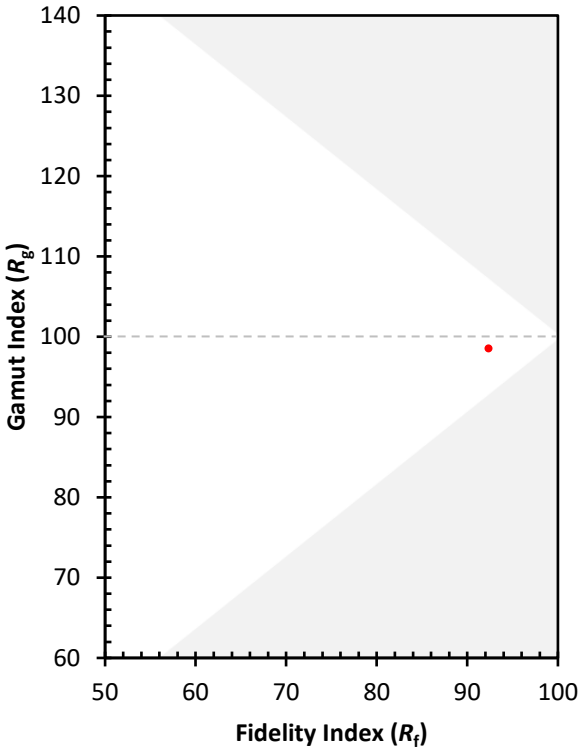
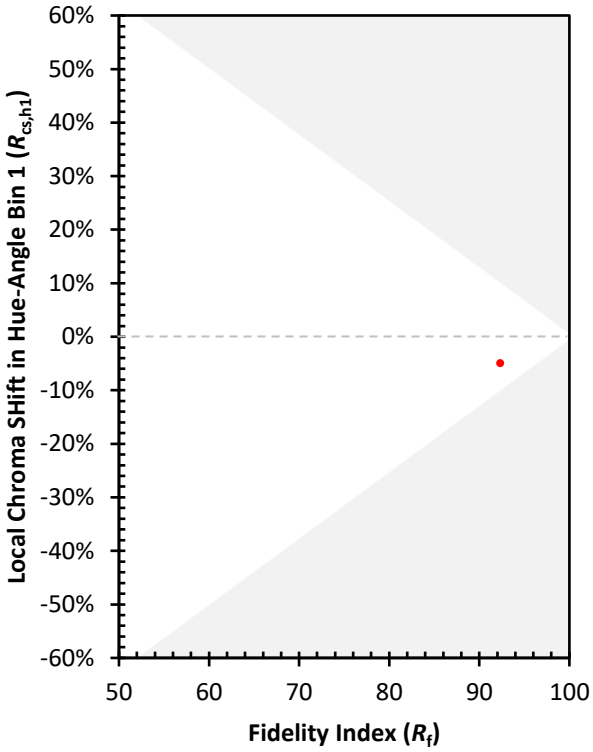
Measure Comparisons





(END OF REPORT)