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: P1457475

Luminaire Tested: GLAN-SB8A-940-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:	P1457475
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8A-940-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(208) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25726.3 lumens
Efficiency:	N/A
Efficacy:	113.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	227.1
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: P1457475
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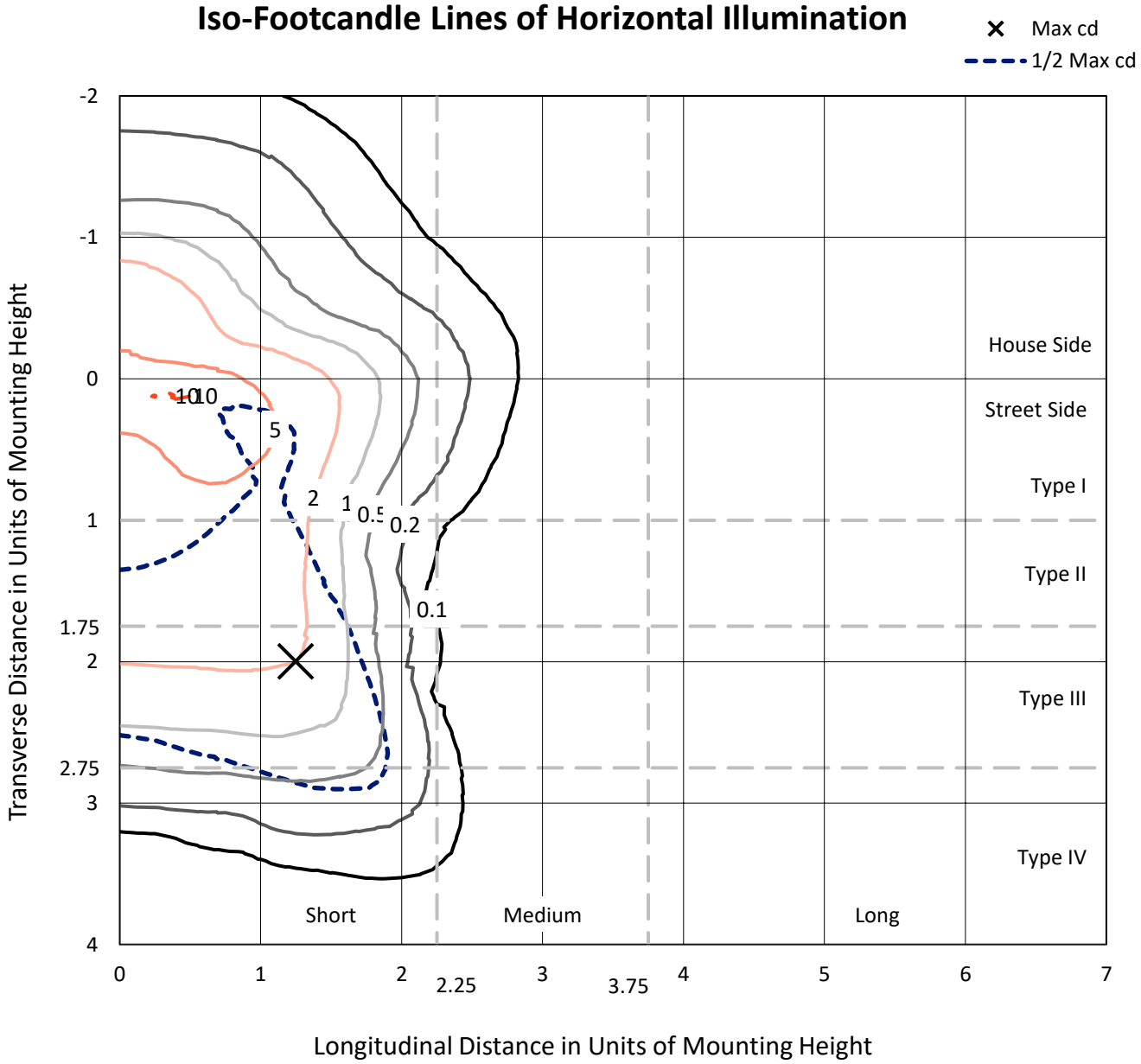
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10.2 fc
Type IV - Short - N/A

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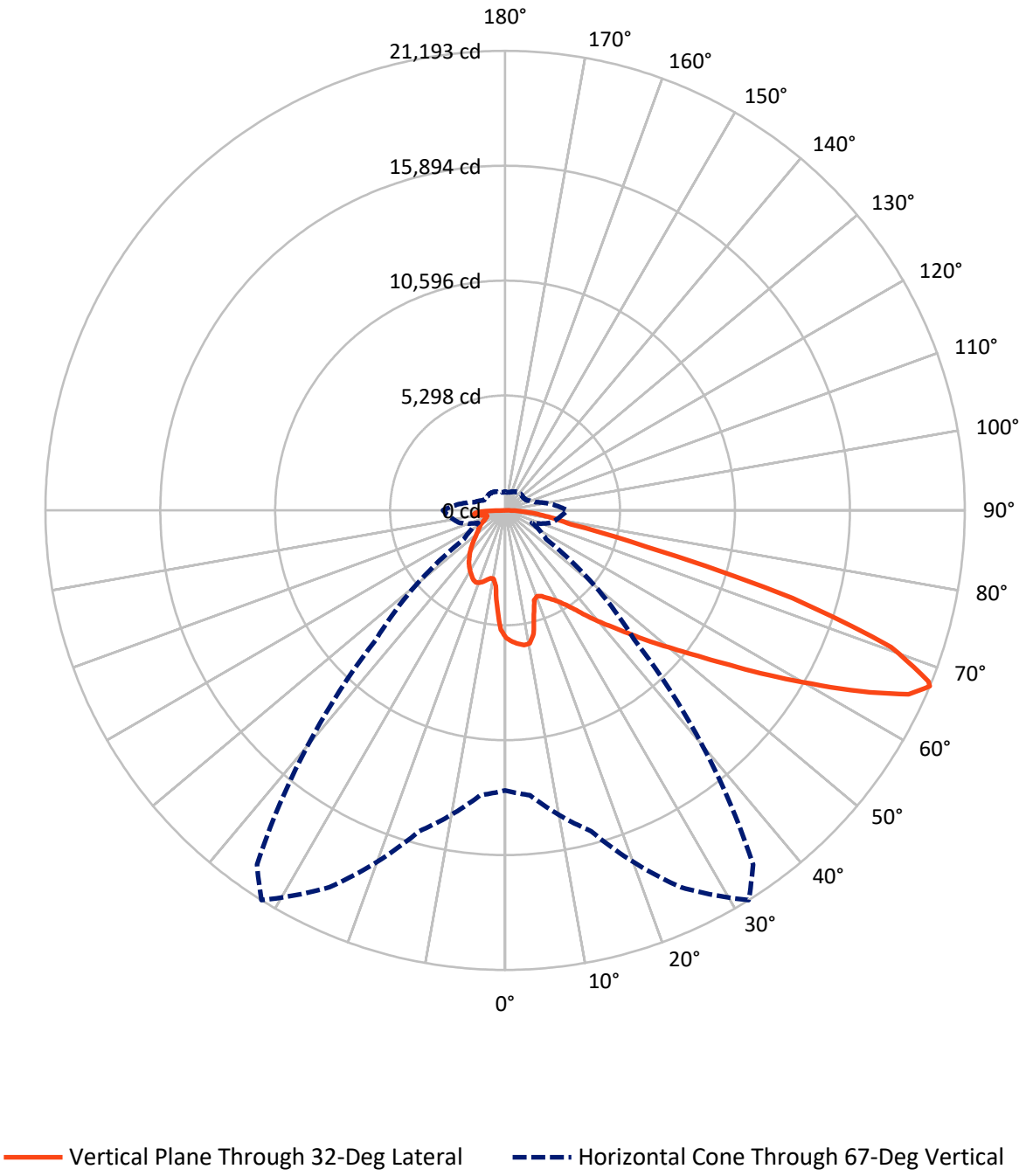
Luminous Intensity Polar Plot



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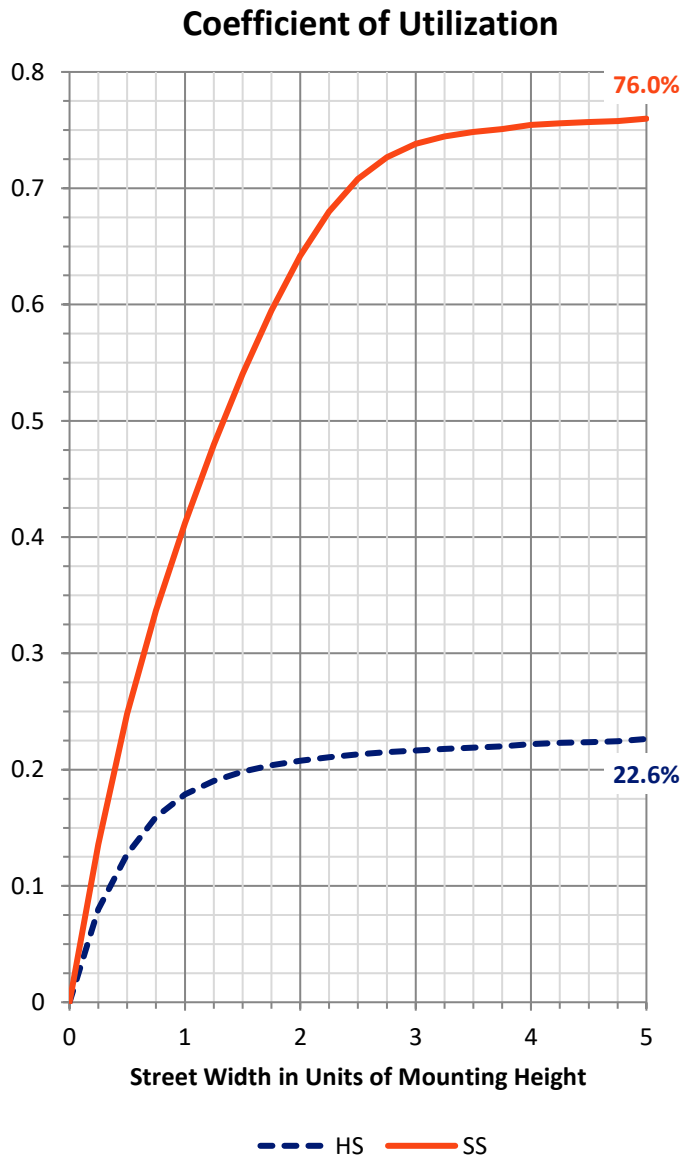
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6090.6	0.0	6090.6
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	19635.7	0.0	19635.7
	% Fixture	76.3	0.0	76.3
Total	Lumens	25726.3	0.0	25726.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	513.6	2.0
10°-20°	1363.6	5.3
20°-30°	2226.9	8.7
30°-40°	3282.2	12.8
40°-50°	4526.3	17.6
50°-60°	5718.1	22.2
60°-70°	5534.1	21.5
70°-80°	1975.1	7.7
80°-90°	586.5	2.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	25726.3	100.0
0°-180°	25726.3	100.0



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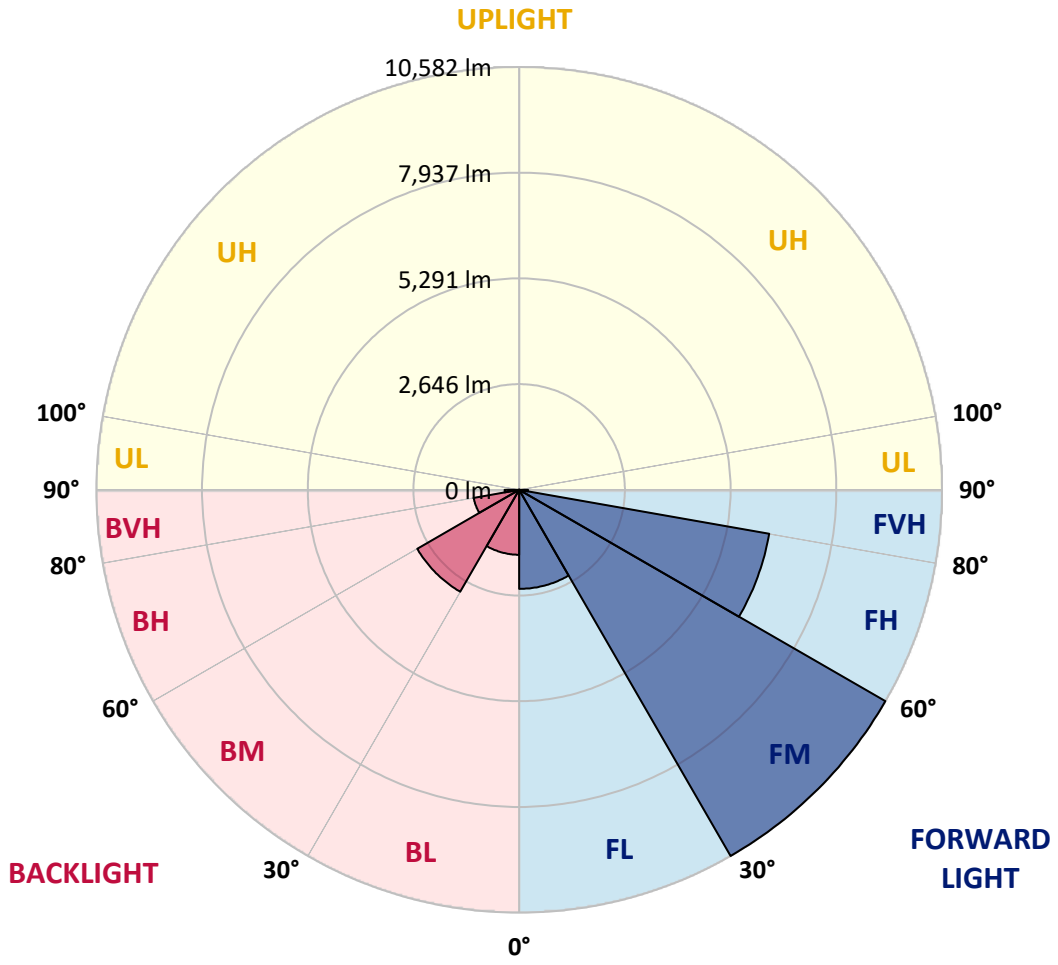
CATALOG NUMBER: GLAN-SB8A-940-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2478.8	9.6			
FM	(30°-60°)	10582.0	41.1			
FH	(60°-80°)	6353.9	24.7			G3/7500
FVH	(80°-90°)	221.0	0.9			G2/225
BL	(0°-30°)	1625.3	6.3	B3/2500		
BM	(30°-60°)	2944.5	11.4	B3/5000		
BH	(60°-80°)	1155.3	4.5	B3/2500		G3/2500
BVH	(80°-90°)	365.5	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: P1457475
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9
2.5°	6100.7	6083.6	6066.4	6077.9	6055.0	6049.3	6020.8	6009.3	5975.1	5969.3	5906.5
5°	6226.4	6192.1	6186.4	6197.8	6175.0	6175.0	6152.1	6135.0	6083.6	6055.0	5963.6
7.5°	6226.4	6220.7	6232.1	6272.1	6277.8	6277.8	6277.8	6283.5	6232.1	6192.1	6049.3
10°	5872.2	5815.1	5940.8	6140.7	6237.8	6294.9	6397.8	6460.6	6420.6	6392.0	6197.8
12.5°	4815.5	4821.2	5021.1	5449.5	5838.0	6003.6	6432.0	6660.5	6677.7	6632.0	6386.3
15°	4084.3	4112.8	4215.7	4524.1	4969.7	5215.3	6232.1	6837.6	6974.7	6929.0	6614.8
17.5°	3861.5	3878.6	3924.3	4101.4	4352.8	4552.7	5689.4	6951.9	7334.6	7277.5	6871.9
20°	3827.2	3838.7	3895.8	4044.3	4215.7	4329.9	5135.3	6860.5	7671.6	7648.8	7106.1
22.5°	3832.9	3844.4	3918.6	4124.3	4301.4	4398.5	4958.3	6649.1	8025.8	8048.6	7346.0
25°	3844.4	3850.1	3964.3	4238.5	4461.3	4581.3	5072.5	6460.6	8322.8	8517.0	7608.8
27.5°	3907.2	3924.3	4078.6	4387.0	4649.8	4786.9	5341.0	6523.4	8648.4	9048.3	7922.9
30°	4078.6	4090.0	4278.5	4598.4	4884.0	5026.8	5660.9	6774.8	9048.3	9596.6	8231.4
32.5°	4347.1	4358.5	4575.5	4906.9	5215.3	5386.7	6077.9	7254.6	9493.8	10173.6	8539.9
35°	4718.3	4724.1	4969.7	5323.9	5649.5	5843.7	6563.4	7797.3	9956.5	10664.8	8768.4
37.5°	5158.2	5198.2	5449.5	5820.8	6203.5	6380.6	7134.6	8431.3	10367.8	11081.8	8899.7
40°	5763.7	5775.1	6020.8	6380.6	6786.2	6957.6	7705.9	9031.1	10819.1	11327.5	9019.7
42.5°	6386.3	6483.4	6689.1	7088.9	7391.7	7528.8	8357.1	9579.5	11178.9	11338.9	8968.3
45°	7220.3	7294.6	7500.2	7854.4	8157.1	8317.1	9059.7	10082.2	11361.7	11241.8	8854.0
47.5°	8174.3	8220.0	8385.6	8705.5	9042.6	9156.8	9790.9	10367.8	11430.3	11173.2	8802.6
50°	9299.6	9299.6	9419.6	9693.8	10002.2	10162.2	10464.9	10539.2	11630.2	11053.3	8934.0
52.5°	10247.8	10293.5	10453.5	10841.9	11150.4	11333.2	10990.4	10801.9	11224.6	10384.9	8974.0
55°	11156.1	11207.5	11567.4	12052.9	12578.5	12778.4	11647.4	10670.6	9859.4	9408.1	8699.8
57.5°	12024.4	12132.9	12584.2	13532.4	14326.4	14309.3	12481.3	9493.8	8048.6	8328.5	8100.0
60°	13235.4	13349.6	14069.4	15263.2	16234.3	15828.7	12492.8	7900.1	6272.1	6649.1	6974.7
62.5°	14246.4	14440.7	15497.4	17485.3	18376.4	17742.4	11458.8	6049.3	4164.3	4638.4	5392.4
65°	14155.0	14412.1	16051.5	19119.0	20450.0	19861.6	9945.1	3827.2	2147.8	3170.3	3775.8
67°	12909.8	13189.7	15314.6	19176.1	21192.6	19935.9	8397.1	2313.5	1365.2	2199.2	2621.9
67.5°	12195.7	12607.0	14949.1	19067.6	21055.5	19621.7	7700.2	1936.5	1285.3	2045.0	2387.7
70°	7500.2	8162.9	11218.9	16857.0	18873.4	16422.8	4278.5	1096.8	1045.3	1370.9	1650.9
72.5°	2256.4	2456.3	4329.9	10813.4	13852.3	12172.9	1925.0	845.4	936.8	1102.5	1273.8
75°	1096.8	1171.0	1787.9	4421.3	6746.2	6711.9	1073.9	725.5	868.3	925.4	1005.4
77.5°	702.6	748.3	1113.9	2473.4	3090.3	2753.3	776.9	634.1	771.2	759.7	748.3
80°	439.8	462.7	714.0	1433.8	2279.2	1902.2	571.2	519.8	662.6	588.4	531.2
82.5°	285.6	314.2	457.0	874.0	1628.0	1416.6	377.0	371.3	548.4	468.4	411.3
85°	188.5	211.4	291.3	514.1	965.4	1011.1	245.6	257.1	422.7	354.2	314.2
87.5°	68.5	85.7	148.5	228.5	451.3	559.8	102.8	97.1	205.6	165.7	131.4
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

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CATALOG NUMBER: GLAN-SB8A-940-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9	5877.9
2.5°	5895.1	5877.9	5798.0	5729.4	5678.0	5609.5	5535.2	5449.5	5392.4	5403.8	5386.7
5°	5923.6	5877.9	5723.7	5489.5	5261.0	4975.4	4609.8	4392.7	4227.1	4141.4	4164.3
7.5°	5986.5	5906.5	5580.9	5106.8	4512.7	3930.1	3570.2	3364.5	3267.4	3227.4	3221.7
10°	6095.0	5957.9	5398.1	4512.7	3735.8	3341.7	3210.3	3153.2	3141.8	3141.8	3136.0
12.5°	6226.4	6009.3	5089.6	3935.8	3364.5	3221.7	3198.9	3204.6	3221.7	3238.9	3210.3
15°	6386.3	6032.2	4706.9	3587.3	3290.3	3256.0	3290.3	3330.3	3358.8	3381.7	3353.1
17.5°	6546.3	6009.3	4347.1	3421.7	3301.7	3347.4	3415.9	3478.8	3495.9	3530.2	3507.3
20°	6660.5	5929.4	4038.6	3358.8	3330.3	3433.1	3518.8	3587.3	3621.6	3644.4	3621.6
22.5°	6746.2	5826.5	3815.8	3296.0	3330.3	3455.9	3558.8	3638.7	3678.7	3701.6	3673.0
25°	6820.5	5683.7	3644.4	3204.6	3261.7	3381.7	3495.9	3575.9	3633.0	3667.3	3650.2
27.5°	6911.9	5569.5	3484.5	3067.5	3118.9	3233.2	3353.1	3450.2	3558.8	3615.9	3604.5
30°	7014.7	5512.4	3330.3	2919.0	2953.3	3067.5	3210.3	3341.7	3490.2	3564.5	3564.5
32.5°	7134.6	5472.4	3187.5	2776.2	2804.7	2930.4	3067.5	3187.5	3347.4	3467.4	3461.6
35°	7186.1	5426.7	3073.2	2644.8	2701.9	2804.7	2913.3	2993.2	3158.9	3301.7	3313.1
37.5°	7237.5	5409.5	3016.1	2542.0	2587.7	2667.6	2724.8	2764.7	2919.0	3067.5	3073.2
40°	7300.3	5489.5	3056.1	2473.4	2433.4	2513.4	2542.0	2564.8	2644.8	2741.9	2741.9
42.5°	7260.3	5546.6	3147.5	2410.6	2244.9	2336.3	2347.7	2342.0	2347.7	2353.5	2347.7
45°	7157.5	5489.5	3147.5	2313.5	2045.0	2142.1	2136.4	2107.8	2062.1	1942.2	1925.0
47.5°	7134.6	5455.2	3027.5	2153.5	1845.1	1925.0	1936.5	1879.3	1748.0	1622.3	1582.3
50°	7231.8	5518.1	2839.0	1959.3	1673.7	1742.2	1770.8	1673.7	1525.2	1393.8	1370.9
52.5°	7374.6	5598.0	2564.8	1748.0	1530.9	1599.4	1633.7	1525.2	1370.9	1268.1	1256.7
55°	7357.4	5598.0	2256.4	1553.7	1422.4	1473.8	1530.9	1416.6	1296.7	1239.6	1233.9
57.5°	6986.1	5386.7	2027.9	1416.6	1319.5	1365.2	1439.5	1331.0	1216.7	1228.1	1245.3
60°	6260.7	4838.3	1856.5	1325.3	1228.1	1273.8	1353.8	1228.1	1079.6	1039.6	1039.6
62.5°	5158.2	3987.2	1719.4	1233.9	1142.5	1199.6	1239.6	1073.9	976.8	931.1	931.1
65°	3867.2	3084.6	1576.6	1159.6	1068.2	1131.0	1085.3	1005.4	908.3	874.0	879.7
67°	*2867.6*	*2393.4*	*1456.6*	*1096.8*	*1022.5*	*1051.1*	*1016.8*	*959.7*	*862.6*	*834.0*	*862.6*
67.5°	2576.2	2273.5	1428.1	1079.6	1011.1	1033.9	999.7	954.0	851.1	822.6	851.1
70°	1770.8	1748.0	1273.8	999.7	948.2	925.4	942.5	885.4	799.7	788.3	816.9
72.5°	1348.1	1393.8	1142.5	931.1	879.7	851.1	891.1	834.0	748.3	765.4	794.0
75°	1056.8	1125.3	1022.5	834.0	799.7	805.4	885.4	862.6	794.0	811.1	816.9
77.5°	782.6	908.3	874.0	725.5	696.9	776.9	999.7	1068.2	948.2	919.7	879.7
80°	571.2	651.2	736.9	599.8	582.7	748.3	1233.9	1365.2	1171.0	1056.8	1028.2
82.5°	422.7	457.0	605.5	479.8	422.7	668.3	1370.9	1605.2	1393.8	1176.7	1142.5
85°	302.8	354.2	479.8	354.2	279.9	548.4	1342.4	1570.9	1382.4	1113.9	1085.3
87.5°	108.5	154.2	205.6	159.9	142.8	377.0	1108.2	1131.0	862.6	394.1	399.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

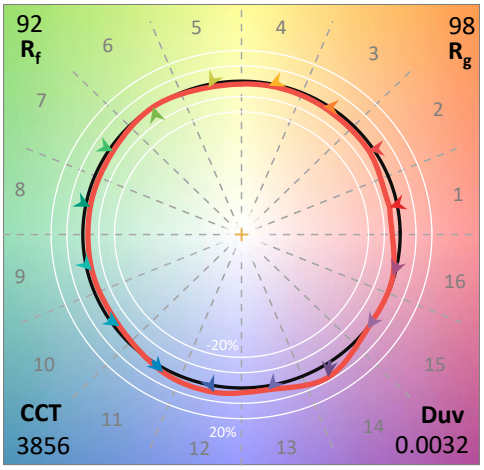
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-16
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-940-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3856
CIE u':	0.2261
CIE v':	0.5084
Duv:	0.0032
CIE x:	0.3896
CIE y:	0.3894
CIE z:	0.2211
Peak Wavelength (nm):	614
Dominant Wavelength (nm):	578
Purity:	33.77304
Rf:	91.8
Rg:	98.4

CRI (Ra):	92.1
R1:	91.8
R2:	94.1
R3:	95.3
R4:	92.8
R5:	91.0
R6:	91.6
R7:	95.0
R8:	85.2
R9:	60.7
R10:	85.2
R11:	92.4
R12:	74.5
R13:	92.3
R14:	97.0
R15:	88.5



Test Conditions

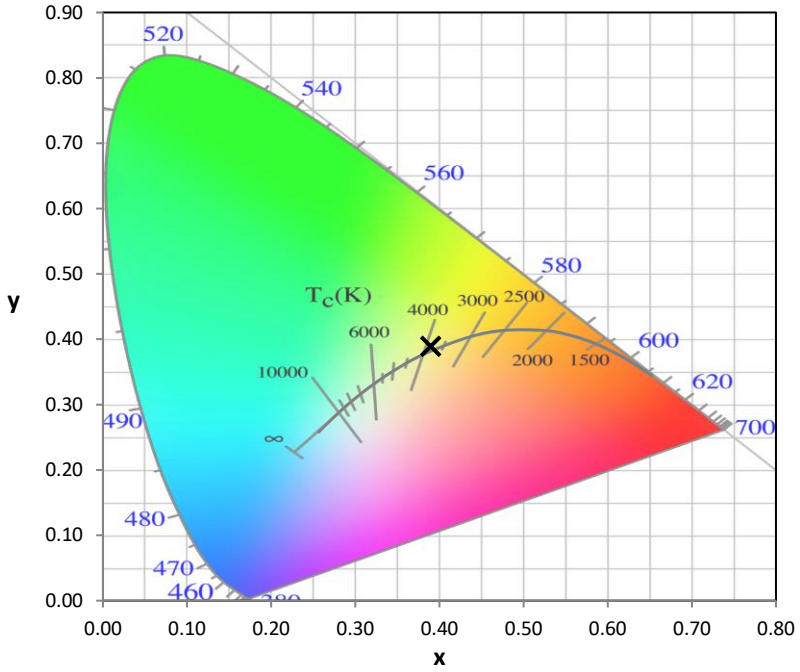
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

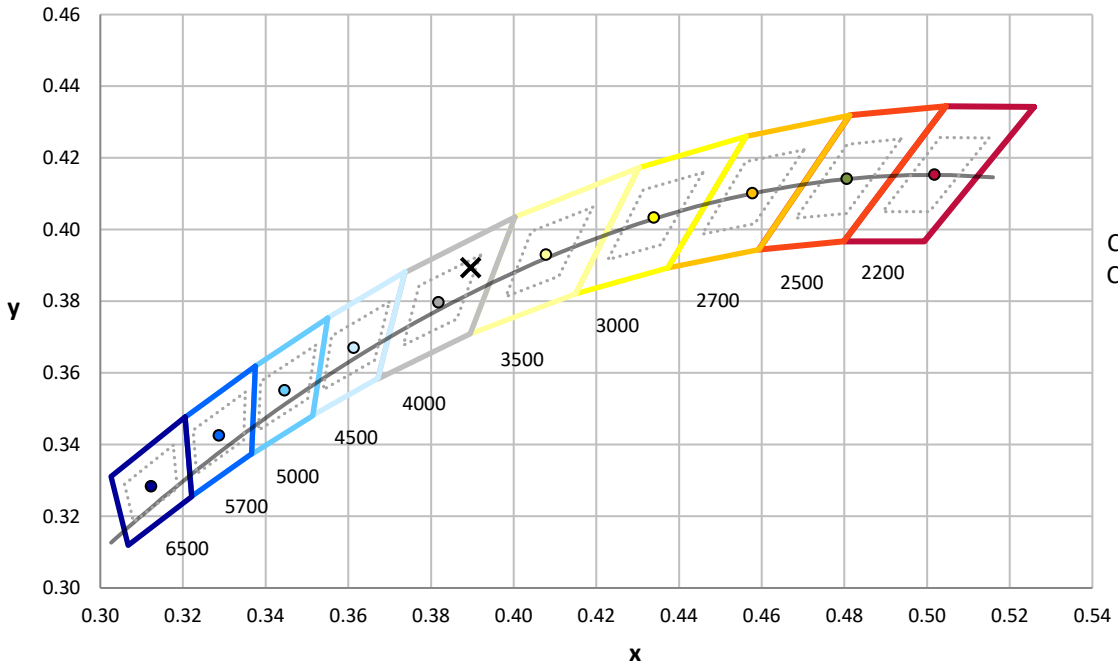
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



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



CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

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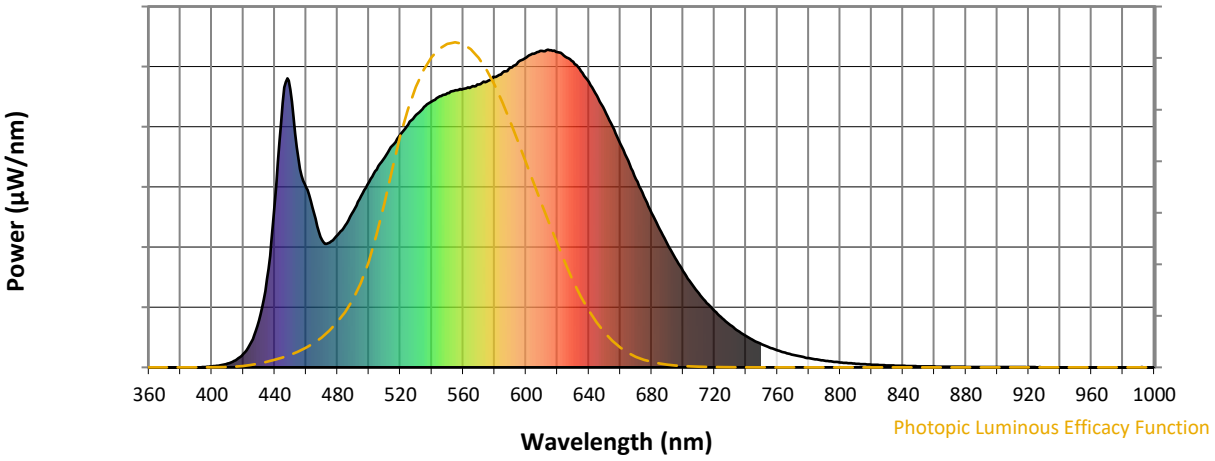
Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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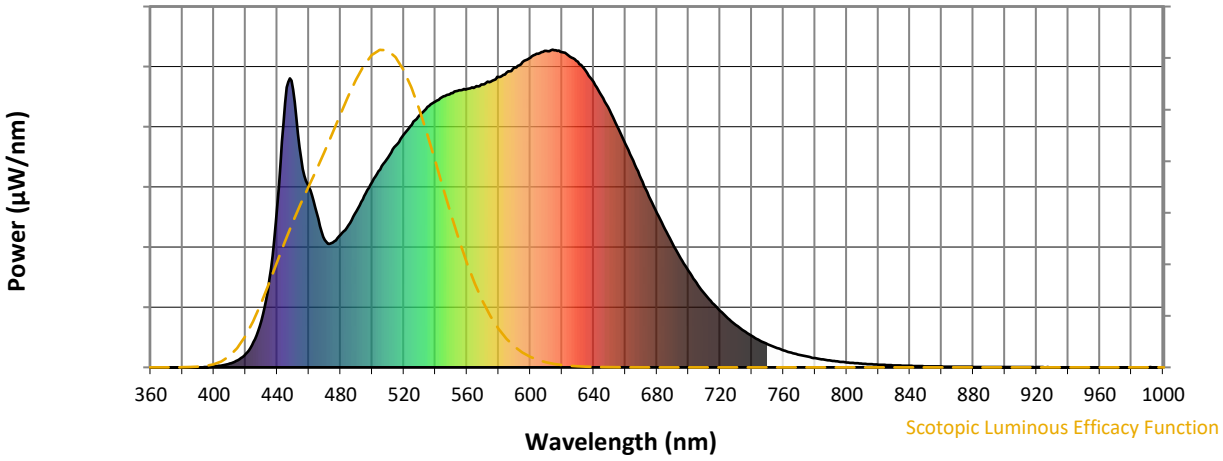
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.72**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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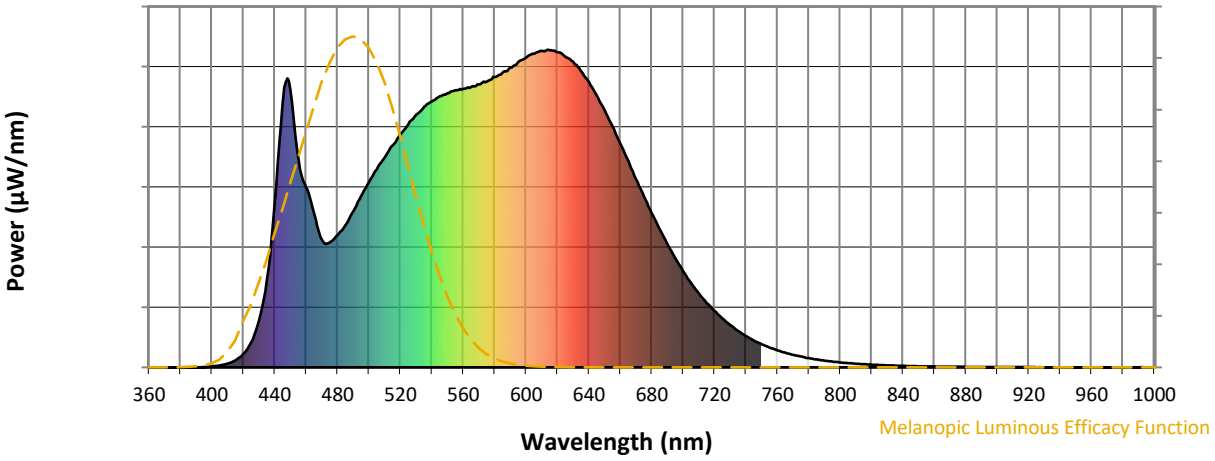
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.52**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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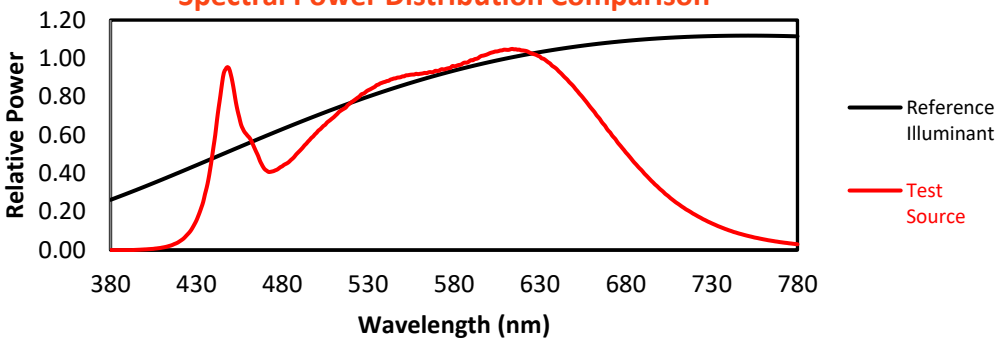
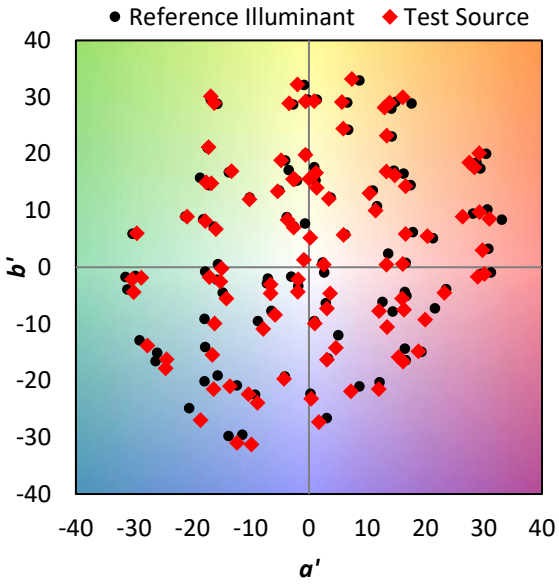
Summary

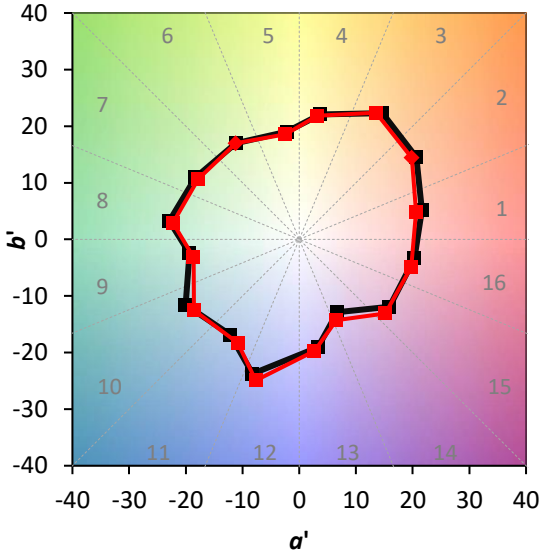
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

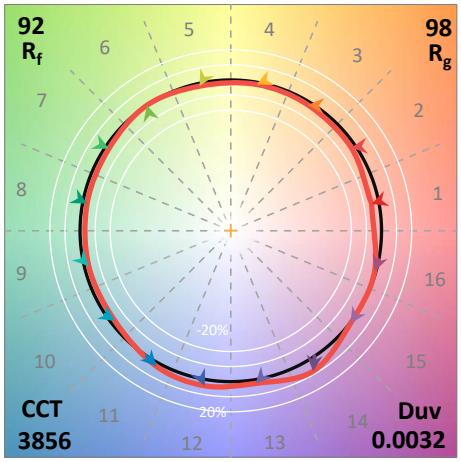
Spectral Power Distribution Comparison

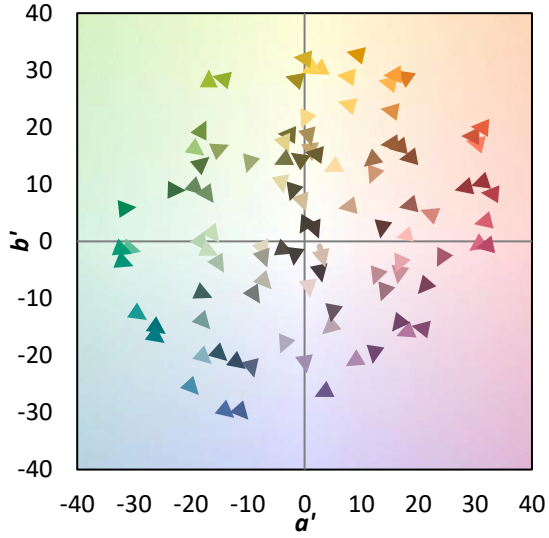


Color Vector Graphics









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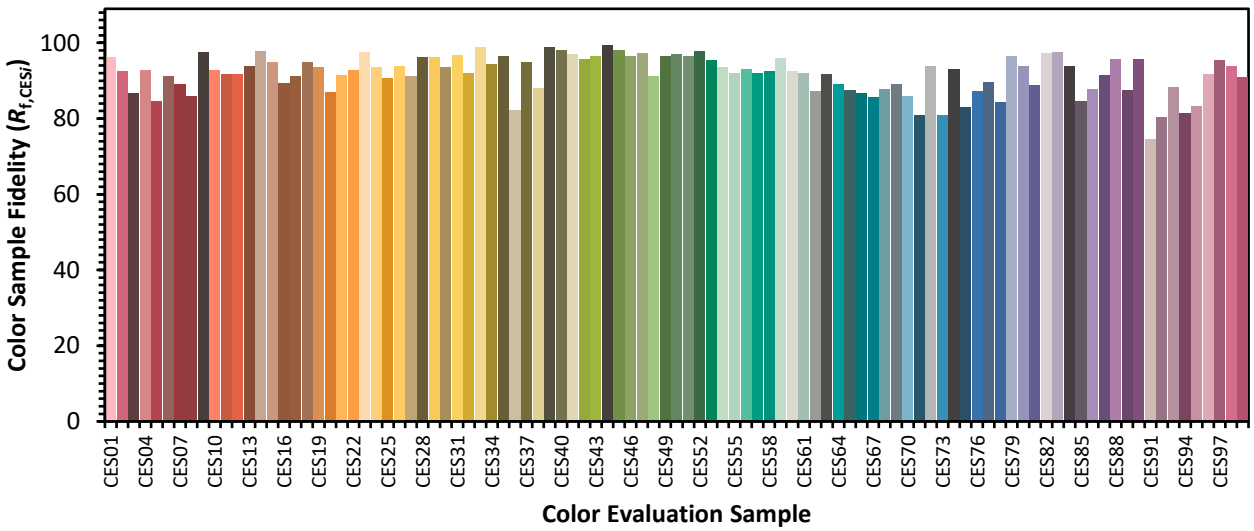
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



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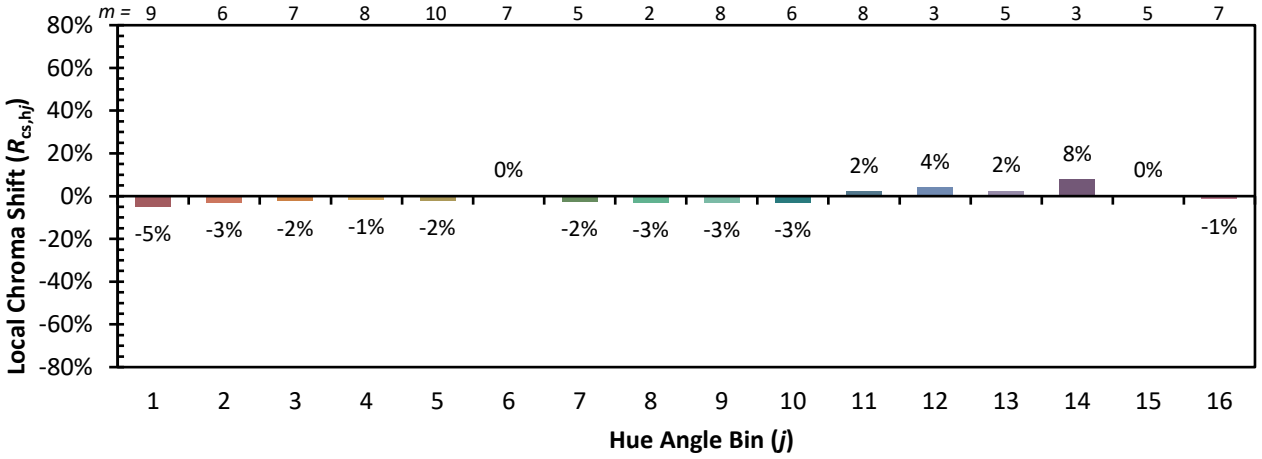
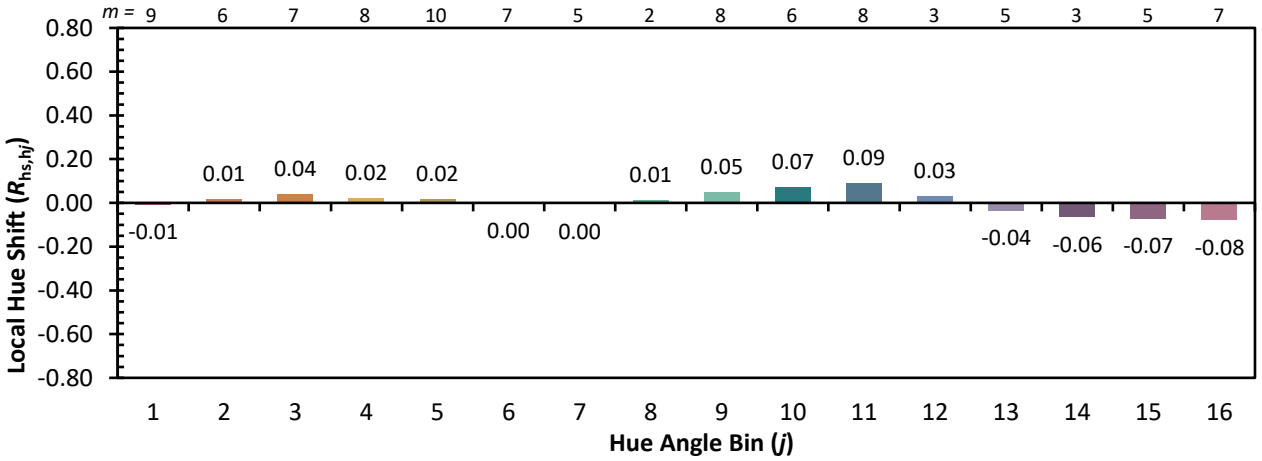
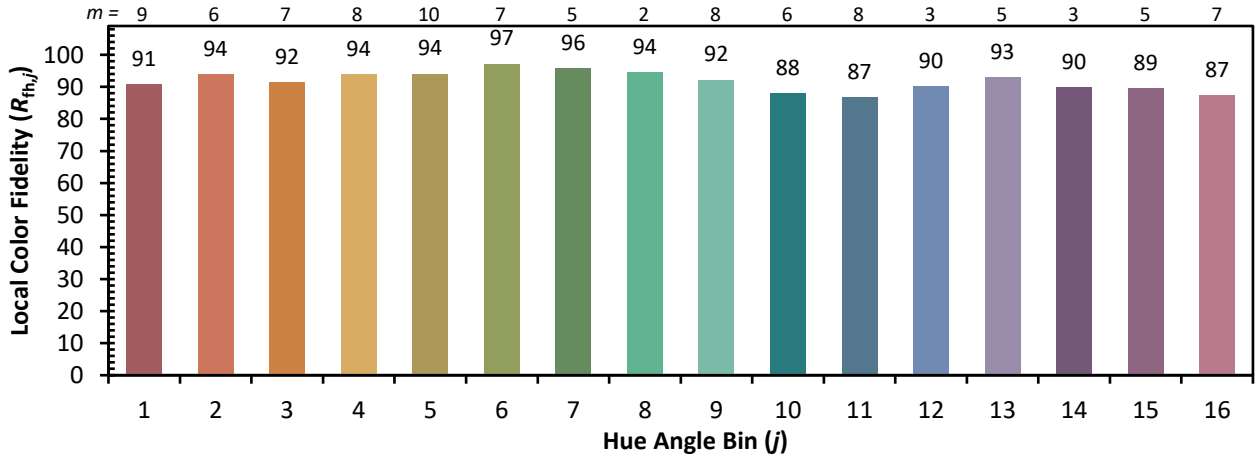
Color Rendition by Hue-Angle Bin







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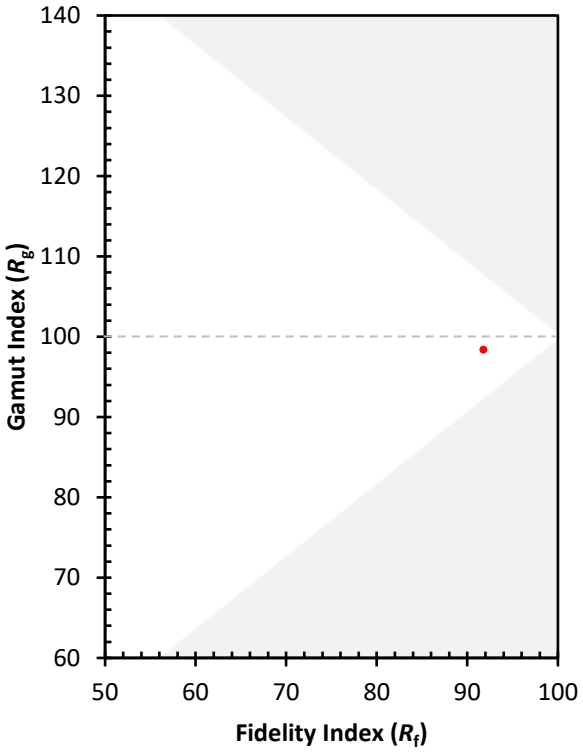
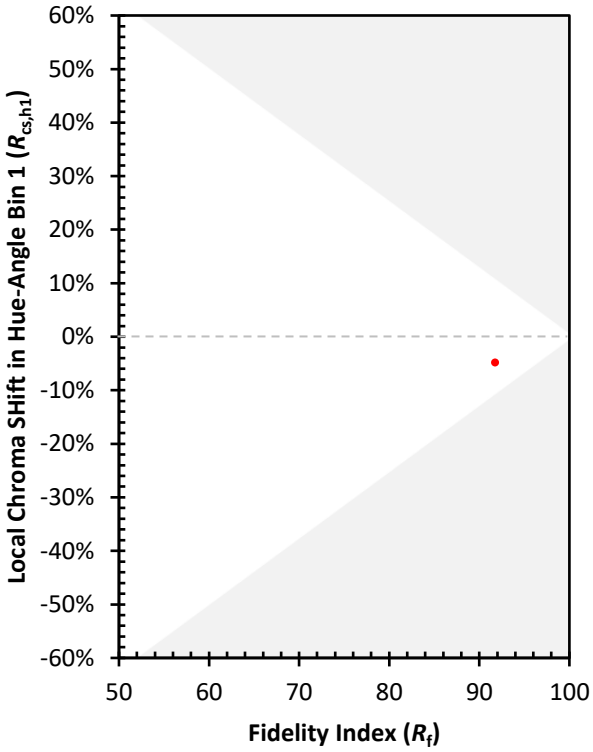
Measure Comparisons





(END OF REPORT)