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: P1459188

Luminaire Tested: GLAN-SB4B-940-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:	P1459188
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-940-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11859.7 lumens
Efficiency:	N/A
Efficacy:	80.7 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	147
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: P1459188
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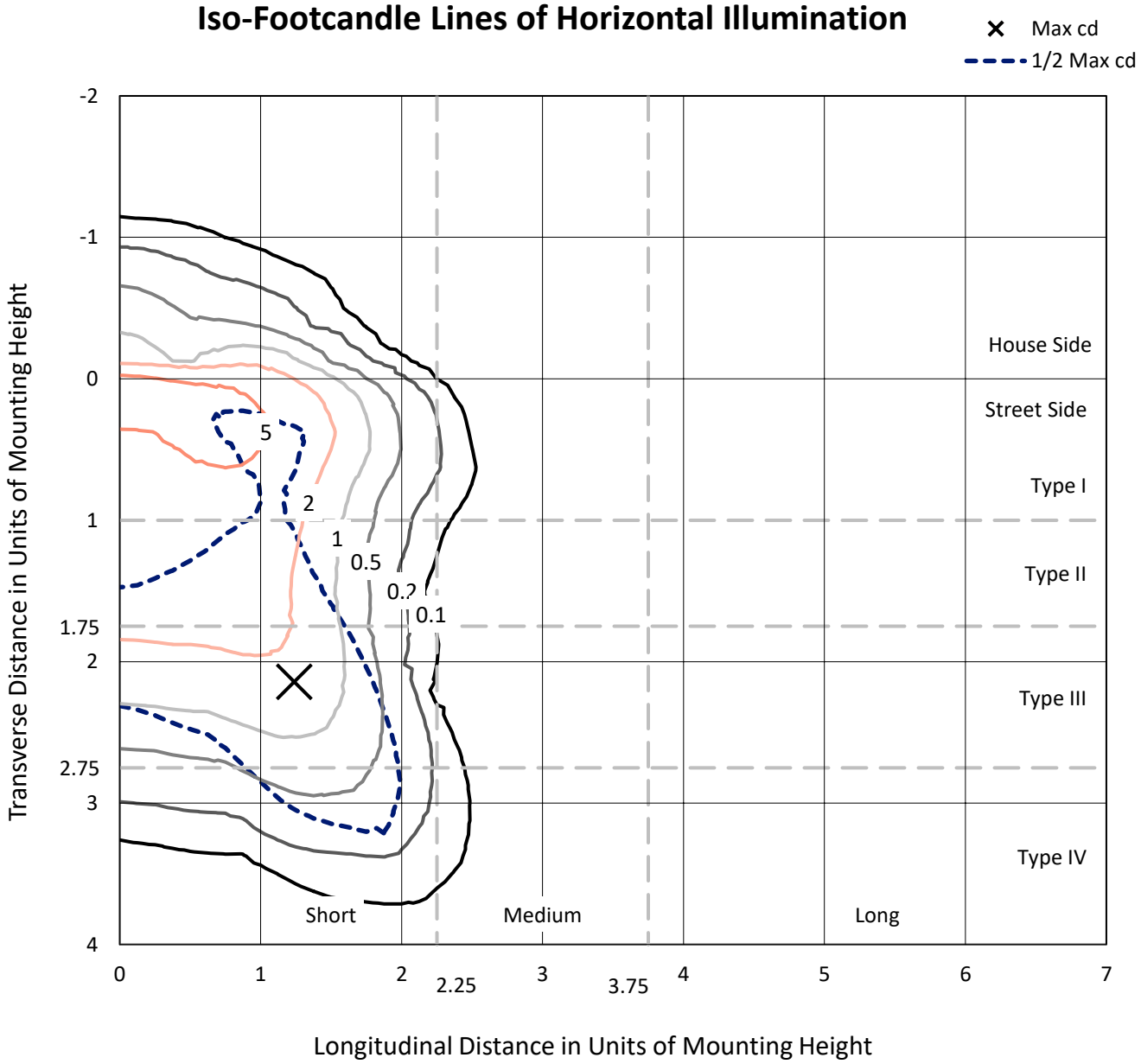
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.9 fc
Type IV - Short - N/A

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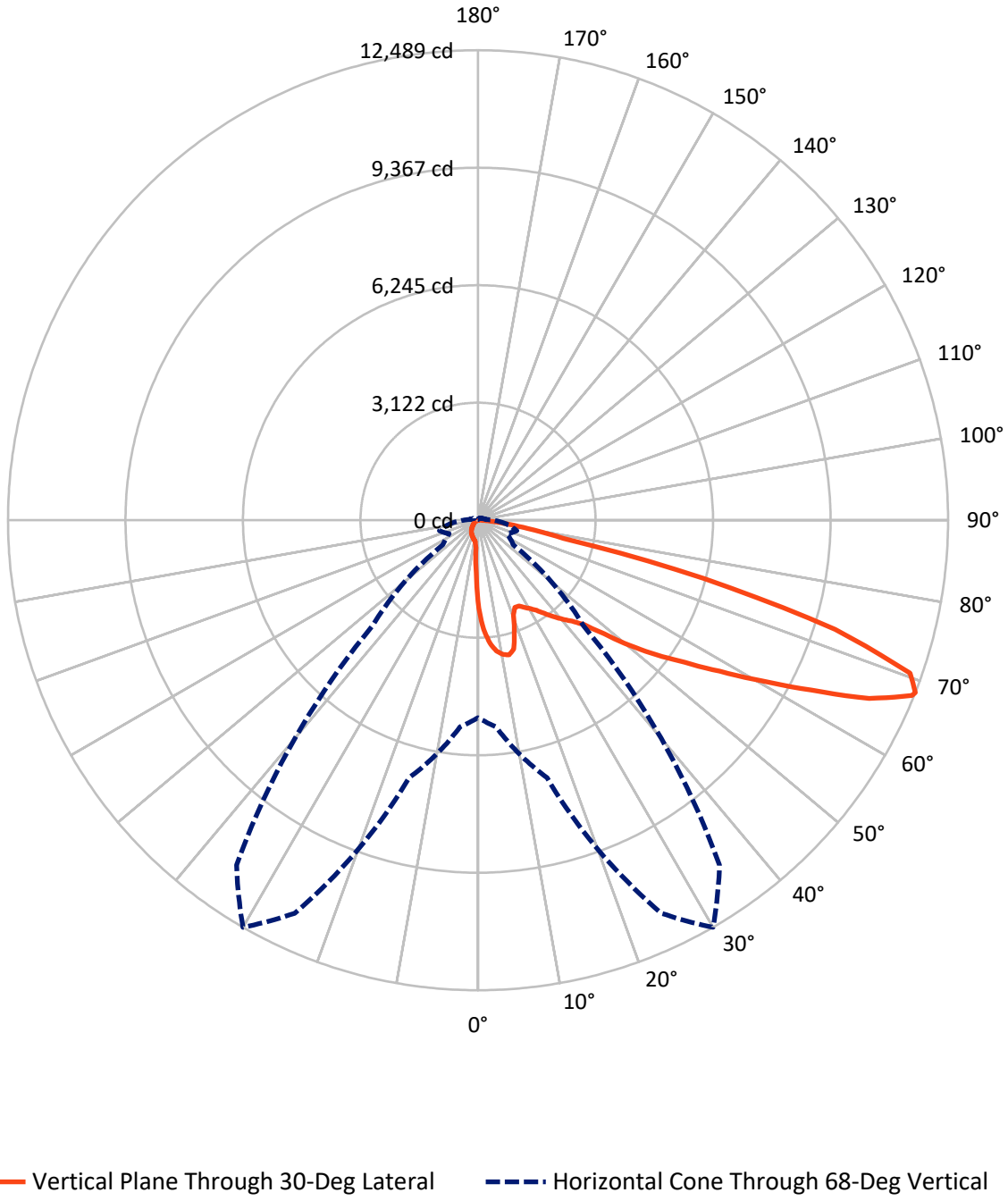
Luminous Intensity Polar Plot



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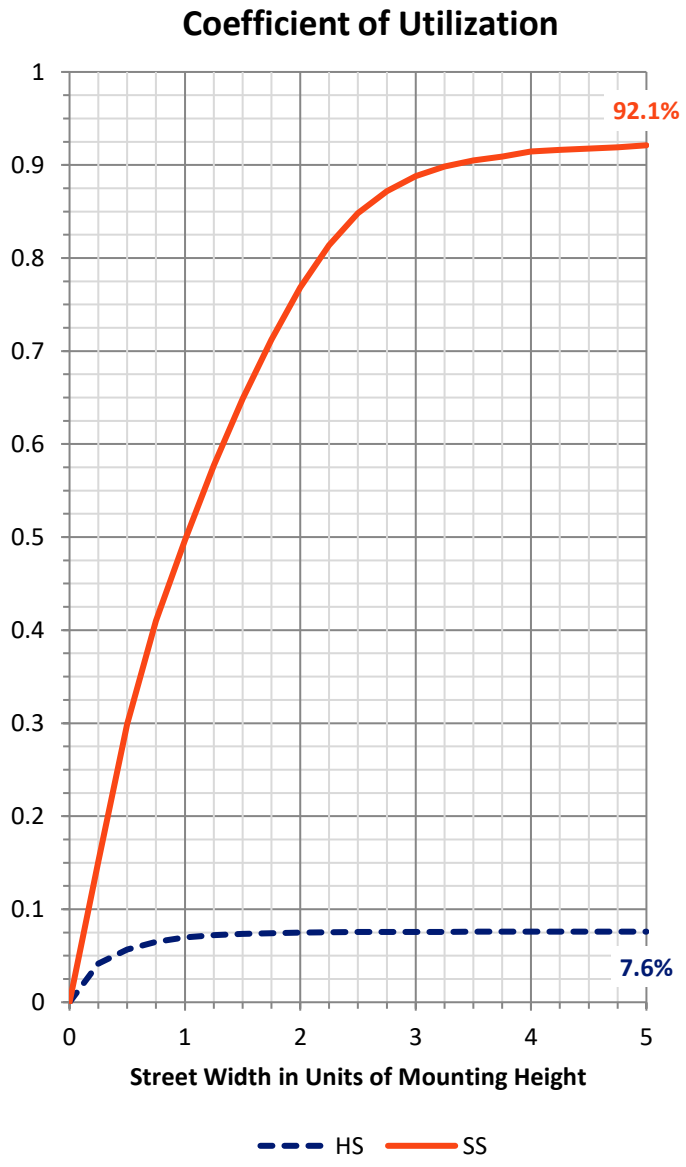
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	905.2	0.0	905.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	10954.5	0.0	10954.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	11859.7	0.0	11859.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.8	1.7
10°-20°	576.1	4.9
20°-30°	905.3	7.6
30°-40°	1419.9	12.0
40°-50°	2122.4	17.9
50°-60°	2823.5	23.8
60°-70°	2729.4	23.0
70°-80°	981.1	8.3
80°-90°	100.1	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°	11859.7	100.0
0°-180°	11859.7	100.0



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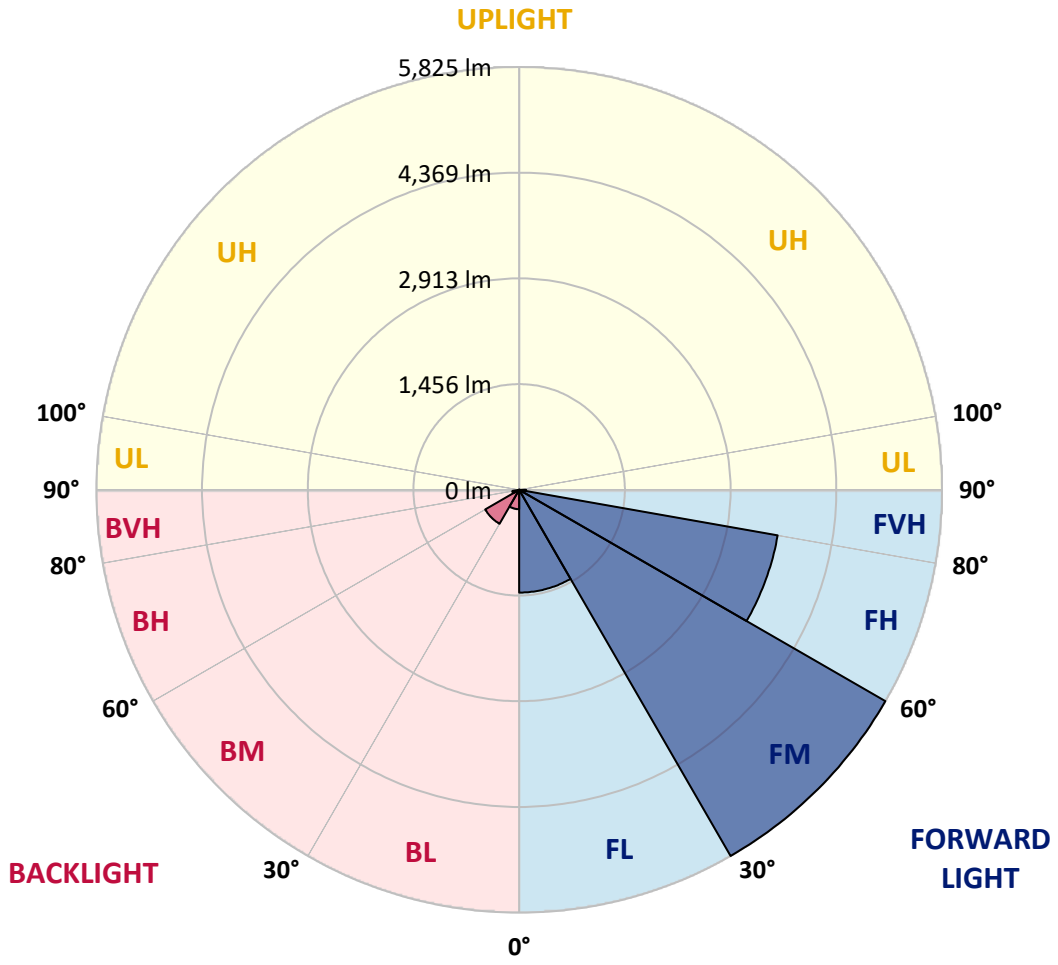
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1416.0	11.9			
FM	(30°-60°)	5825.5	49.1			
FH	(60°-80°)	3616.4	30.5			G2/5000
FVH	(80°-90°)	96.6	0.8			G1/100
BL	(0°-30°)	267.2	2.3	B1/500		
BM	(30°-60°)	540.3	4.6	B1/1000		
BH	(60°-80°)	94.1	0.8	B0/110		G0/110
BVH	(80°-90°)	3.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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REPORT NUMBER: P1459188
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2338.6	2338.6	2338.6	2338.6	*2338.6*	2338.6	2338.6	2338.6	2338.6	2338.6	2338.6
2.5°	2989.0	2989.0	2967.7	2939.2	*2907.2*	2896.6	2836.2	2750.9	2662.0	2558.9	2409.7
5°	3372.8	3369.3	3326.6	3326.6	*3284.0*	3244.9	3184.5	3060.1	2917.9	2733.1	2473.6
7.5°	3543.4	3550.5	3532.8	3532.8	*3507.9*	3479.5	3443.9	3323.1	3156.0	2907.2	2537.6
10°	3603.8	3607.4	3607.4	3632.3	*3625.2*	3621.6	3618.1	3550.5	3376.4	3084.9	2605.1
12.5°	3458.1	3475.9	3525.7	3635.8	*3671.4*	3710.5	3763.8	3742.5	3621.6	3308.9	2708.2
15°	2989.0	2992.5	3131.2	3404.8	*3550.5*	3699.8	3905.9	3948.6	3870.4	3550.5	2814.8
17.5°	2466.5	2477.2	2587.4	2893.0	*3127.6*	3472.3	3987.7	4161.8	4133.4	3788.7	2914.4
20°	2249.7	2264.0	2317.3	2509.2	*2686.9*	3006.8	3905.9	4364.4	4375.1	4026.8	3006.8
22.5°	2200.0	2210.6	2253.3	2402.6	*2512.7*	2726.0	3628.7	4524.4	4648.7	4300.4	3116.9
25°	2185.8	2196.4	2260.4	2423.9	*2527.0*	2704.7	3376.4	4609.7	4972.2	4584.8	3223.6
27.5°	2175.1	2189.3	2292.4	2502.1	*2622.9*	2793.5	3330.2	4627.4	5281.4	4886.9	3397.7
30°	2189.3	2210.6	2345.7	2583.8	*2722.4*	2914.4	3440.4	4645.2	5622.6	5231.6	3618.1
32.5°	2246.2	2264.0	2427.4	2694.0	*2853.9*	3070.7	3628.7	4751.8	5946.0	5583.5	3827.8
35°	2310.2	2335.0	2530.5	2850.4	*3042.3*	3287.5	3884.6	4961.5	6255.2	5917.6	4044.6
37.5°	2388.3	2416.8	2651.3	3028.1	*3248.4*	3525.7	4161.8	5252.9	6528.9	6191.2	4261.4
40°	2495.0	2527.0	2790.0	3216.4	*3454.6*	3731.8	4435.5	5540.8	6738.5	6354.7	4403.5
42.5°	2914.4	2957.0	3067.2	3401.3	*3667.8*	3952.1	4705.6	5814.5	6816.7	6408.0	4431.9
45°	3696.3	3738.9	3710.5	3774.4	*3952.1*	4218.7	5000.6	6077.5	6827.4	6393.8	4417.7
47.5°	4481.7	4531.5	4506.6	4471.0	*4510.1*	4638.1	5331.1	6244.5	6770.5	6386.7	4417.7
50°	5231.6	5203.2	5206.7	5196.1	*5231.6*	5299.1	5651.0	6276.5	6756.3	6454.2	4456.8
52.5°	5633.2	5647.4	5736.3	5867.8	*5946.0*	6013.5	6017.1	6326.3	6653.3	6340.5	4410.6
55°	6027.7	6056.2	6262.3	6486.2	*6660.4*	6788.3	6383.1	6294.3	6038.4	5960.2	4168.9
57.5°	6472.0	6511.1	6802.5	7264.6	*7570.2*	7637.7	6745.7	5697.2	5110.8	5416.4	3699.8
60°	7083.3	7129.5	7516.9	8209.9	*8664.9*	8526.3	6774.1	4748.3	4058.8	4495.9	3053.0
62.5°	7563.1	7655.5	8355.7	9436.1	*9937.2*	9496.5	6244.5	3639.4	2836.2	3159.6	2228.4
65°	7051.3	7229.0	8369.9	10840.0	*11419.3*	10637.4	5412.9	2484.3	1599.3	2043.6	1425.2
67.5°	5700.8	5949.5	7431.6	11522.4	*12435.8*	11238.0	4261.4	1318.6	917.0	1187.1	749.9
68°	*5245.8*	*5515.9*	*7086.8*	*11522.4*	*12489.1*	*11184.7*	*3955.7*	*1140.9*	*845.9*	*1066.2*	*650.4*
70°	3625.2	3817.1	5448.4	10875.5	*12176.3*	10196.7	2605.1	654.0	636.2	732.1	430.0
72.5°	1777.0	1983.2	2914.4	8618.7	*9919.5*	7836.8	1187.1	433.6	483.4	536.7	337.6
75°	707.3	749.9	1148.0	4250.7	*6198.3*	5000.6	622.0	327.0	415.8	419.4	266.6
77.5°	405.2	430.0	636.2	1563.8	*2324.4*	2235.5	401.6	234.6	330.5	302.1	174.2
80°	227.5	231.0	359.0	824.5	*1329.2*	1190.6	273.7	170.6	252.3	213.2	117.3
82.5°	113.7	127.9	227.5	454.9	*739.3*	757.0	145.7	120.8	202.6	152.8	96.0
85°	81.7	88.9	163.5	252.3	*341.2*	511.8	88.9	60.4	152.8	103.1	67.5
87.5°	42.6	53.3	103.1	124.4	*138.6*	174.2	42.6	28.4	85.3	60.4	35.5
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: P1459188
CATALOG NUMBER: GLAN-SB4B-940-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2338.6	2338.6	2338.6	2338.6	2338.6	2338.6	2338.6	2338.6	2338.6	2338.6	2338.6
2.5°	2338.6	2256.8	2089.8	1894.3	1741.5	1585.1	1457.2	1336.3	1279.5	1272.4	1286.6
5°	2327.9	2150.2	1769.9	1396.8	1091.1	877.9	760.6	700.2	668.2	654.0	657.5
7.5°	2306.6	2036.5	1428.7	945.4	707.3	614.9	586.4	575.8	572.2	572.2	572.2
10°	2285.3	1883.7	1094.7	693.0	579.3	554.4	547.3	547.3	543.8	543.8	547.3
12.5°	2274.6	1741.5	849.4	579.3	540.2	529.6	522.5	518.9	518.9	518.9	522.5
15°	2249.7	1585.1	685.9	536.7	515.3	501.1	497.6	494.0	494.0	494.0	494.0
17.5°	2228.4	1432.3	597.1	508.2	490.5	476.2	472.7	469.1	469.1	472.7	472.7
20°	2196.4	1286.6	536.7	479.8	465.6	451.4	447.8	444.3	447.8	447.8	447.8
22.5°	2157.3	1165.7	501.1	458.5	440.7	426.5	426.5	426.5	426.5	426.5	430.0
25°	2132.5	1080.4	476.2	433.6	415.8	405.2	401.6	401.6	408.7	408.7	412.3
27.5°	2171.5	1059.1	479.8	426.5	394.5	383.8	380.3	380.3	387.4	390.9	394.5
30°	2288.8	1098.2	522.5	447.8	380.3	362.5	359.0	359.0	369.6	373.2	376.7
32.5°	2423.9	1180.0	586.4	476.2	369.6	341.2	334.1	334.1	344.7	348.3	351.9
35°	2608.7	1307.9	671.7	501.1	376.7	319.9	305.7	305.7	312.8	319.9	323.4
37.5°	2846.8	1517.6	771.2	518.9	376.7	295.0	277.2	273.7	280.8	280.8	284.3
40°	3095.6	1791.3	874.3	518.9	359.0	270.1	252.3	241.7	245.2	241.7	245.2
42.5°	3234.2	2011.6	963.2	486.9	337.6	245.2	227.5	213.2	209.7	202.6	206.1
45°	3312.4	2111.1	938.3	451.4	316.3	227.5	206.1	188.4	181.3	170.6	170.6
47.5°	3312.4	2121.8	803.2	422.9	295.0	213.2	184.8	167.0	156.4	145.7	149.3
50°	3273.3	2025.8	636.2	394.5	270.1	199.0	167.0	152.8	138.6	131.5	131.5
52.5°	3109.8	1713.1	486.9	359.0	241.7	181.3	149.3	135.1	120.8	117.3	117.3
55°	2829.1	1258.1	394.5	323.4	216.8	167.0	135.1	124.4	110.2	103.1	103.1
57.5°	2299.5	860.1	327.0	291.4	191.9	149.3	120.8	110.2	92.4	85.3	85.3
60°	1706.0	561.5	277.2	255.9	163.5	135.1	106.6	92.4	78.2	71.1	67.5
62.5°	1151.5	380.3	231.0	202.6	138.6	117.3	92.4	78.2	60.4	46.2	46.2
65°	717.9	295.0	191.9	159.9	120.8	103.1	78.2	60.4	42.6	32.0	28.4
67.5°	412.3	238.1	156.4	124.4	103.1	81.7	60.4	49.8	35.5	24.9	21.3
68°	*380.3*	*227.5*	*145.7*	*117.3*	*96.0*	*78.2*	*56.9*	*46.2*	*32.0*	*21.3*	*21.3*
70°	309.2	202.6	124.4	96.0	81.7	64.0	49.8	39.1	24.9	14.2	14.2
72.5°	273.7	170.6	106.6	74.6	56.9	53.3	39.1	28.4	17.8	10.7	7.1
75°	223.9	135.1	85.3	56.9	39.1	39.1	28.4	17.8	7.1	0.0	0.0
77.5°	145.7	99.5	67.5	35.5	21.3	24.9	17.8	7.1	0.0	0.0	0.0
80°	96.0	74.6	46.2	17.8	10.7	10.7	3.6	0.0	0.0	0.0	0.0
82.5°	67.5	49.8	28.4	7.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0
85°	42.6	21.3	10.7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.8	7.1	3.6	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: SP1-2407-184-16

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

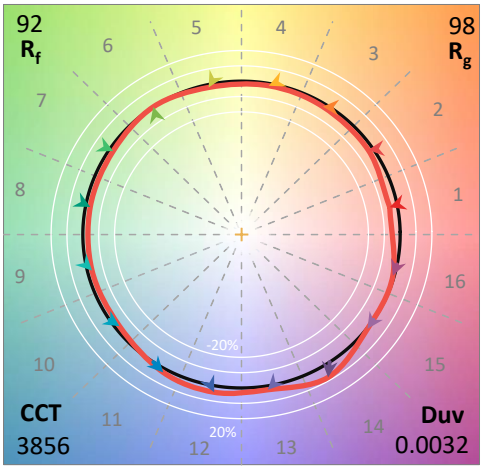
Test Information

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

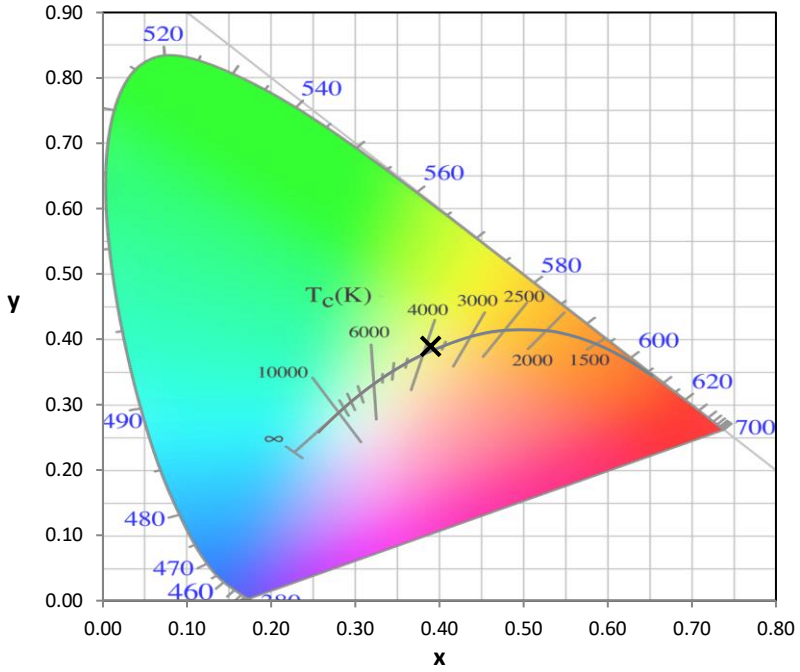
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

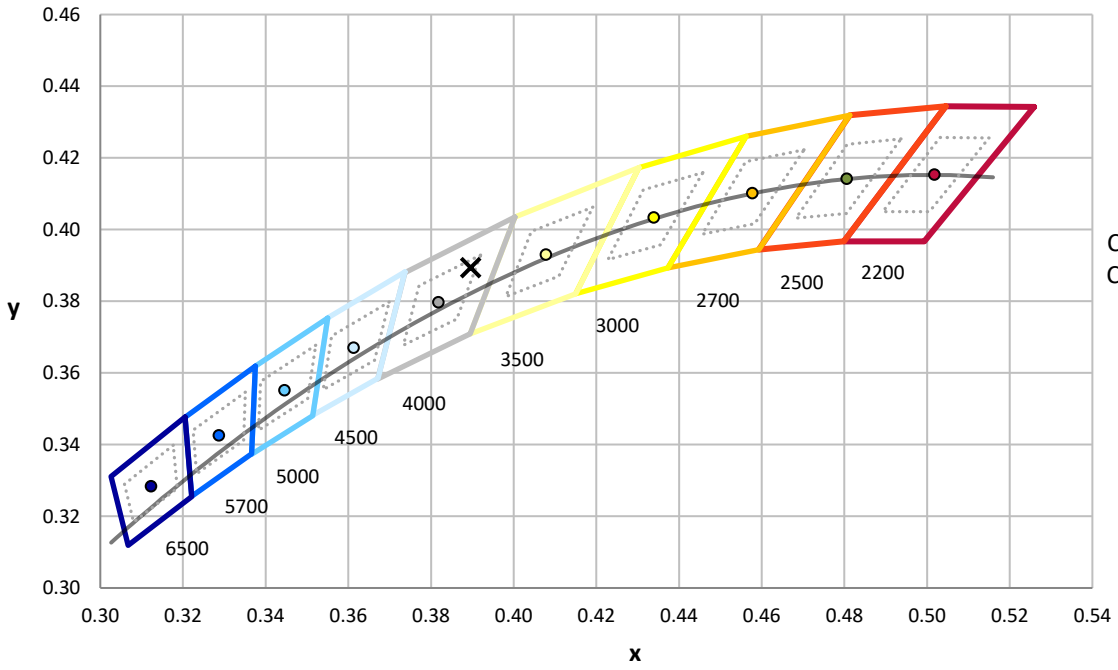
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

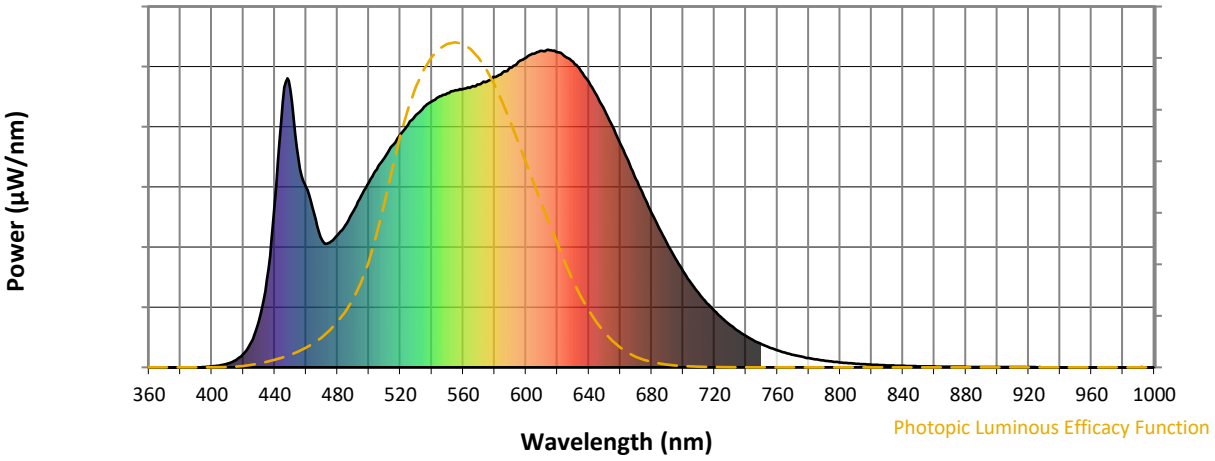


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

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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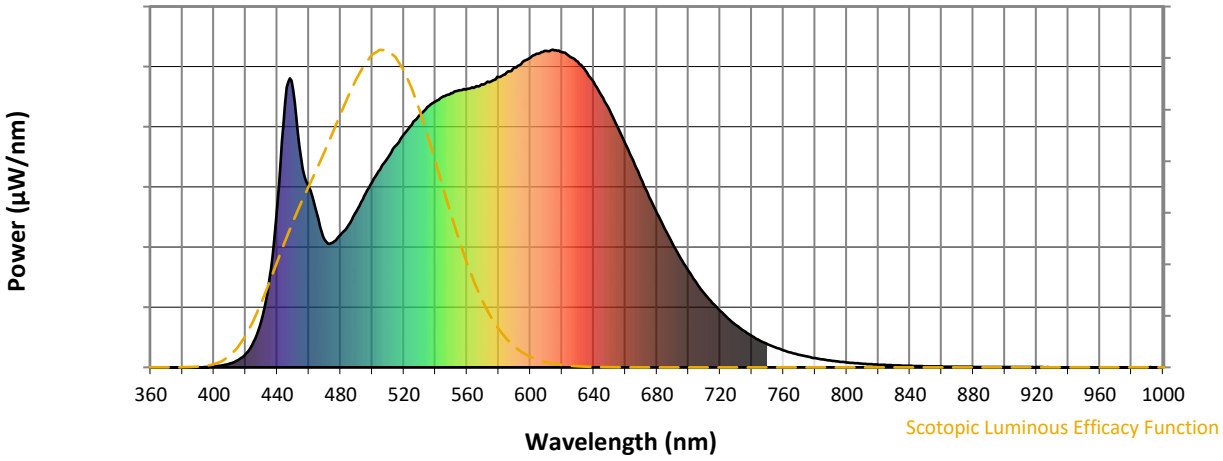
Scotopic Flux vs. Wavelength



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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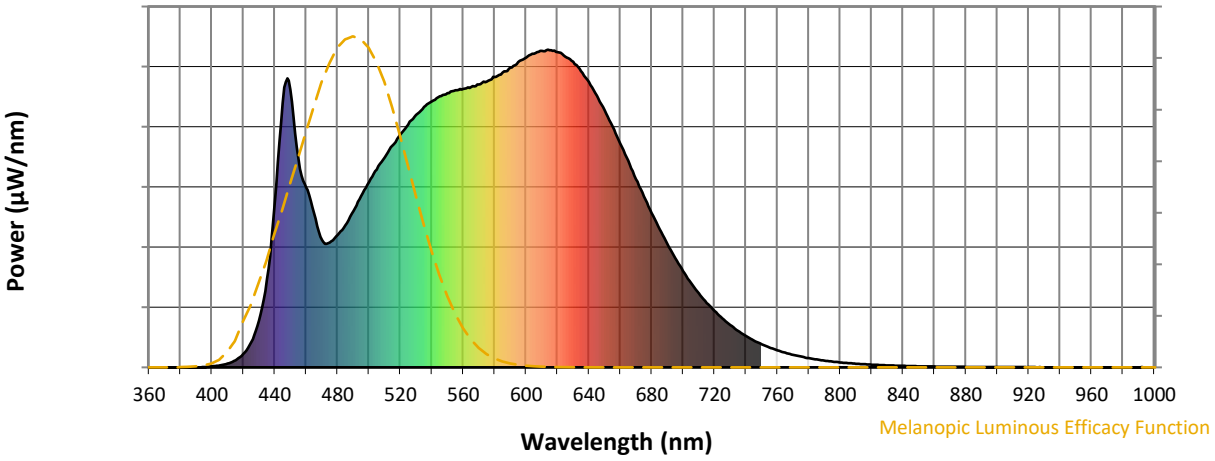
Melanopic Flux vs. Wavelength



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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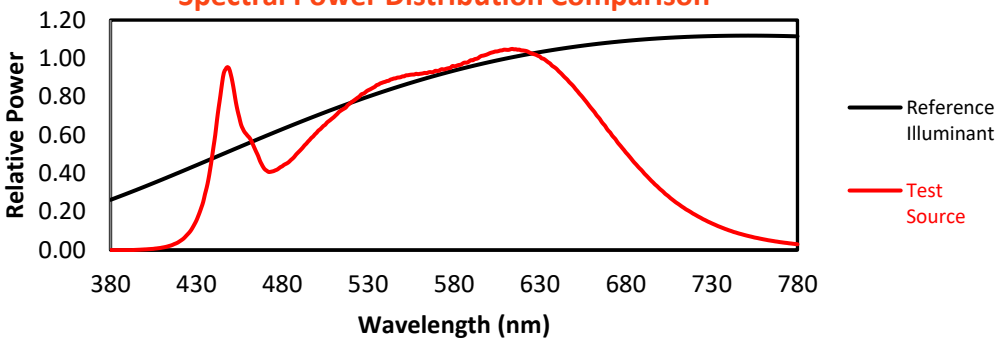
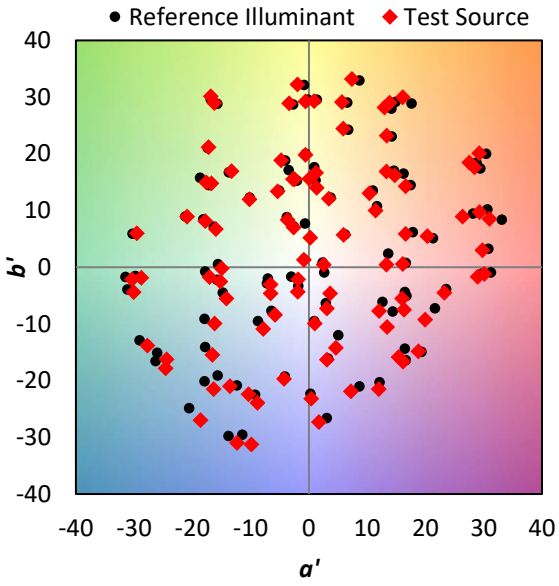
Summary

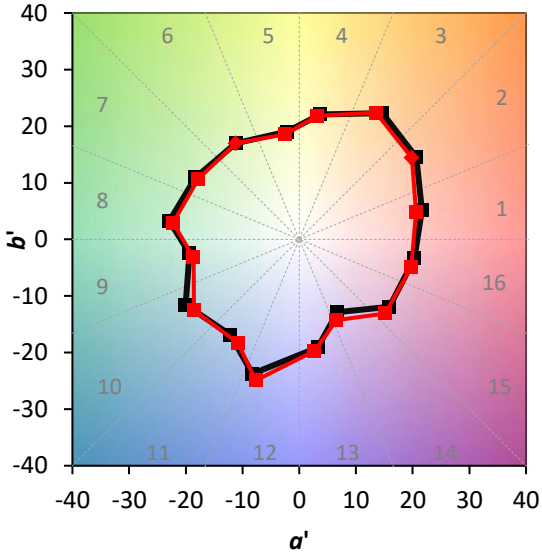
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

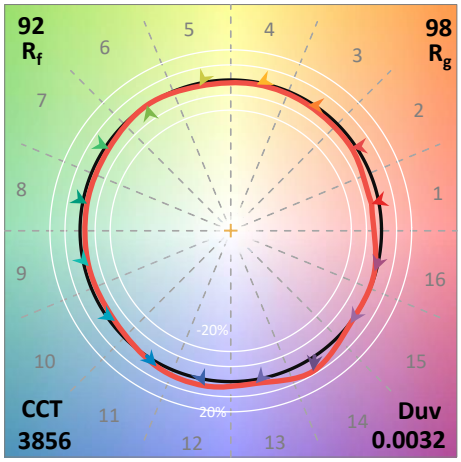
Spectral Power Distribution Comparison

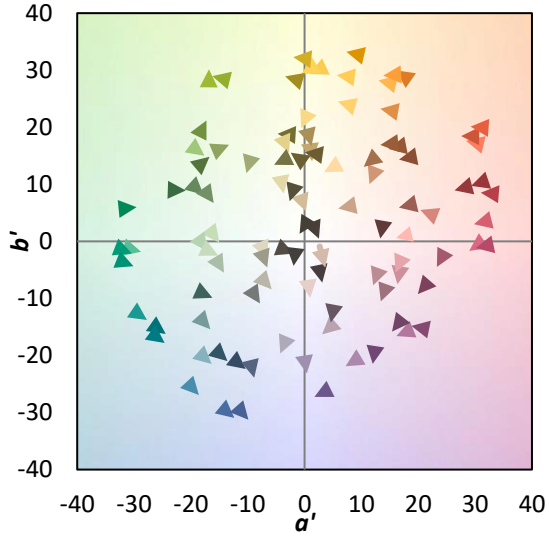


Color Vector Graphics









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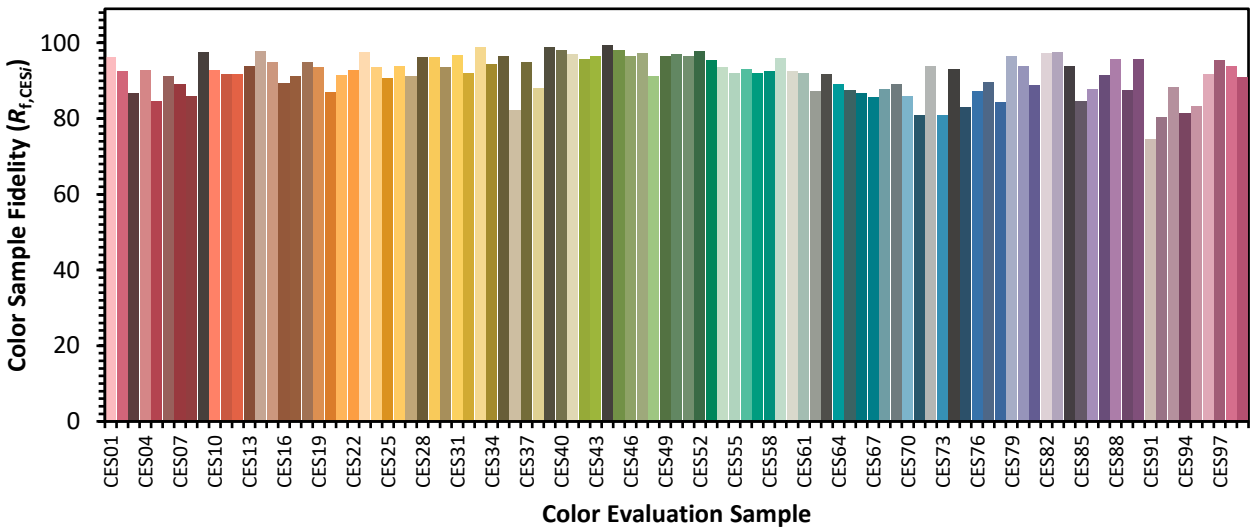
Individual Sample Fidelity Index ($R_{f,i}$)

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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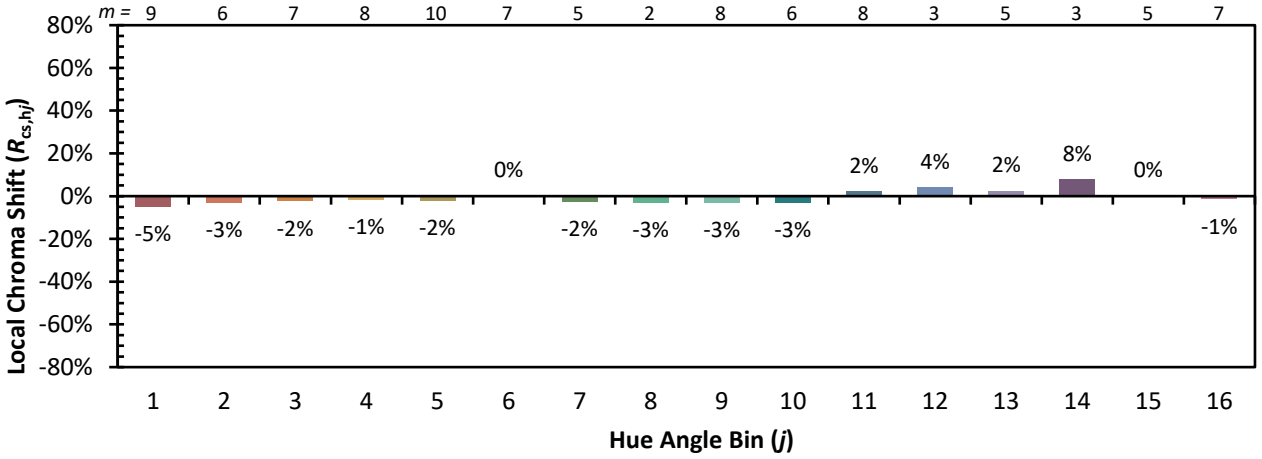
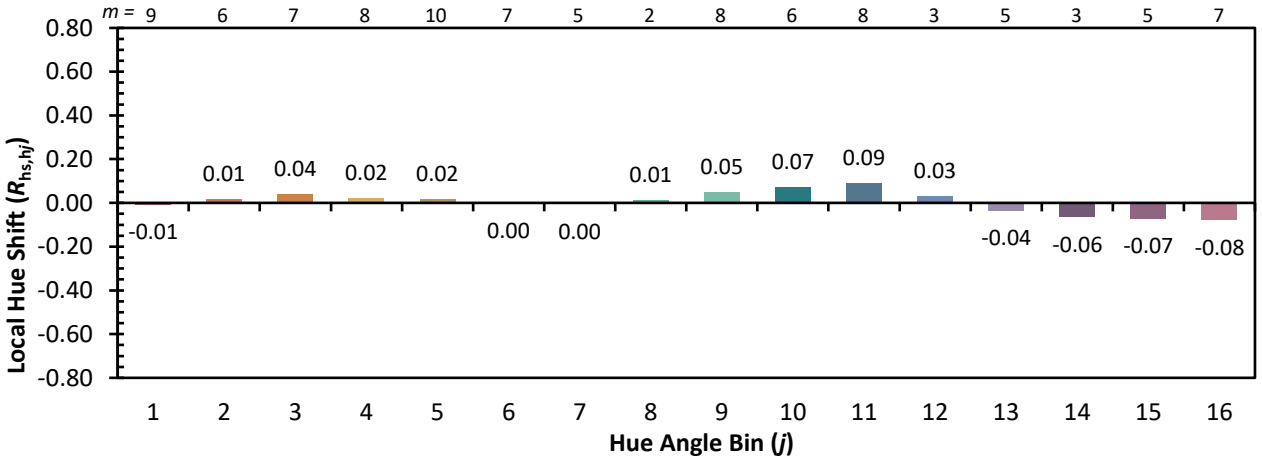
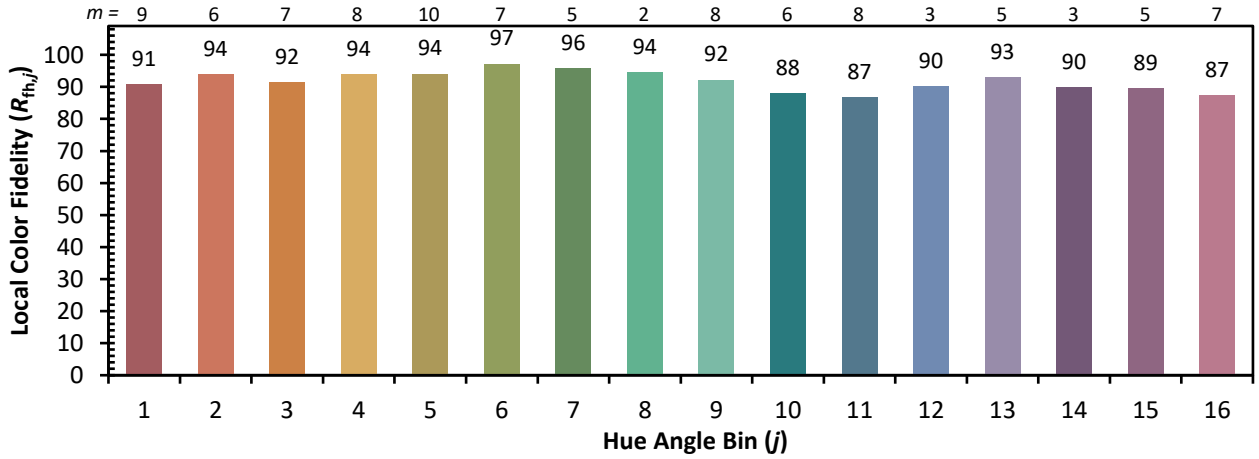
Color Rendition by Hue-Angle Bin







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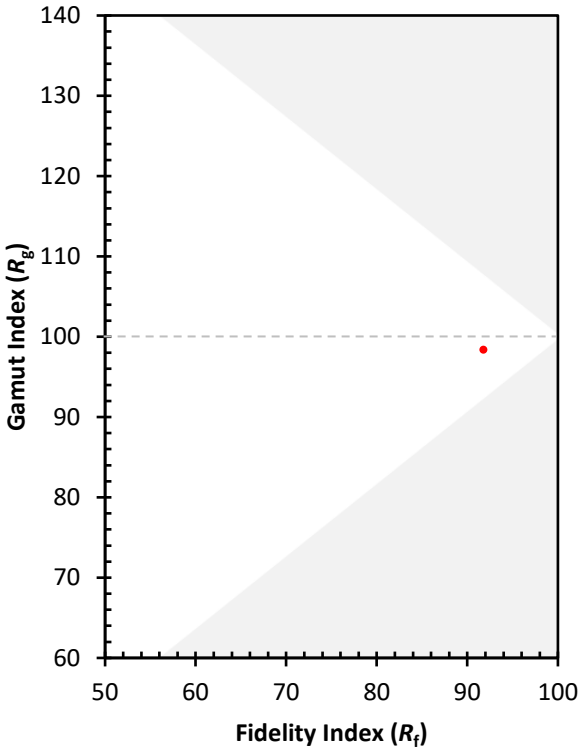
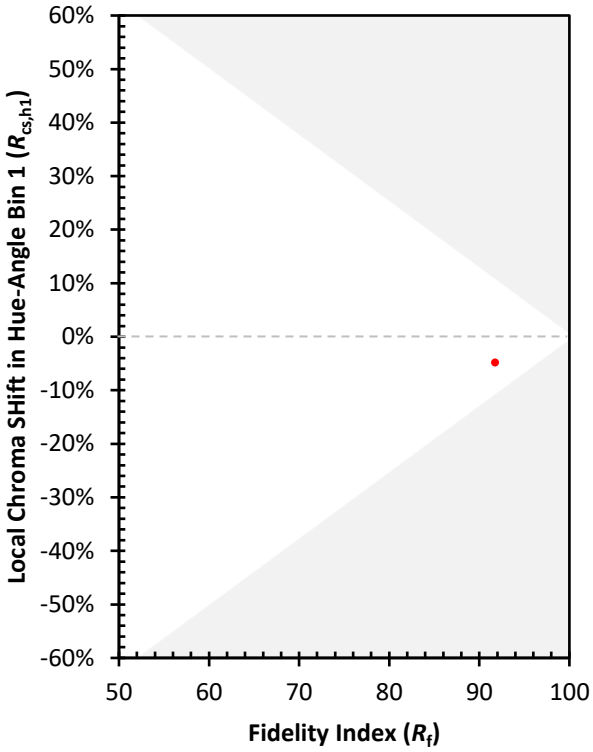
Measure Comparisons





(END OF REPORT)