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: P1459207

Luminaire Tested: GLAN-SB9A-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:	P1459207
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB9A-940-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 9xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(234) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21471.3 lumens
Efficiency:	N/A
Efficacy:	84.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

Input Watts (W):	255.5
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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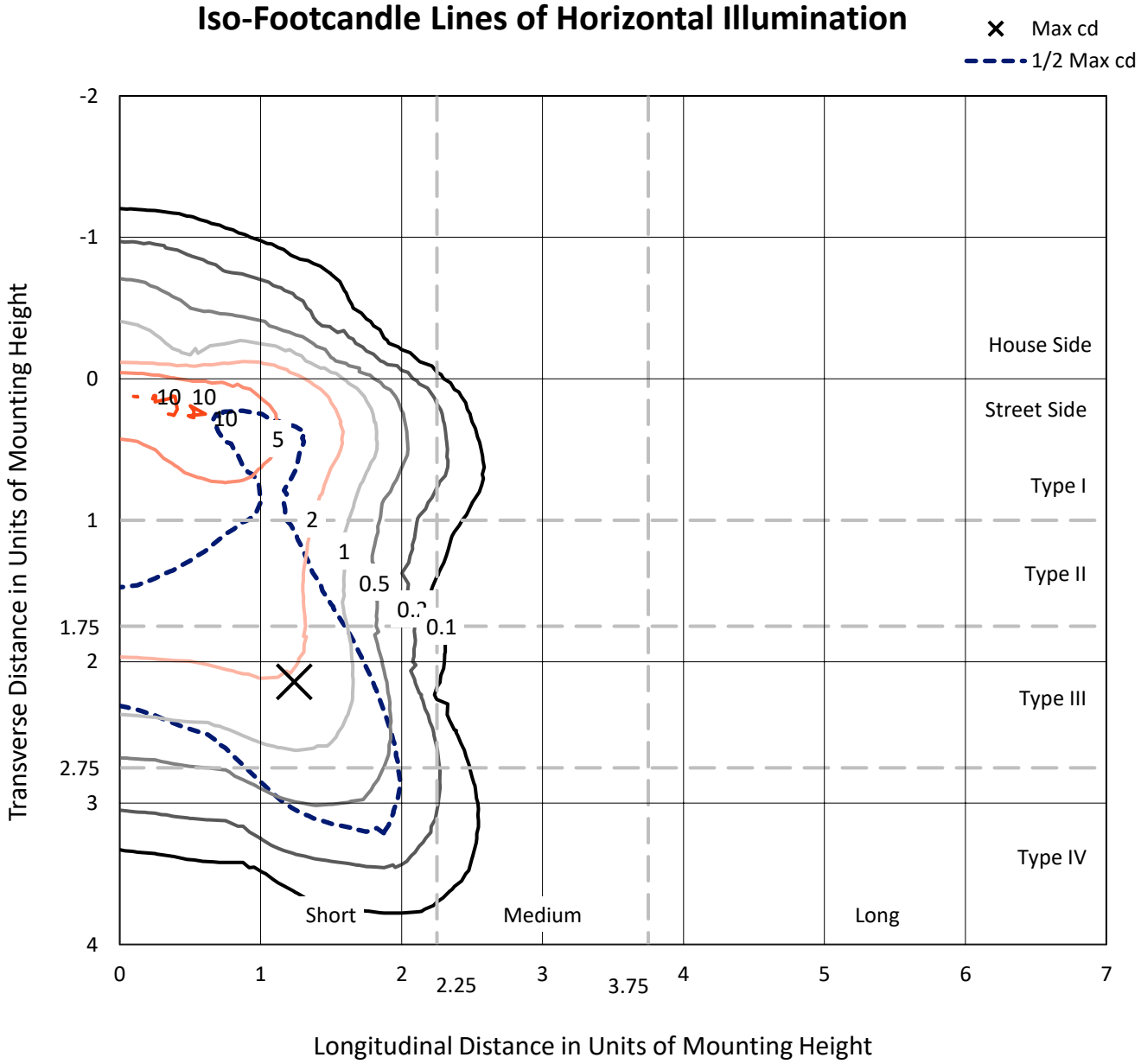
REPORT NUMBER: P1459207
CATALOG NUMBER: GLAN-SB9A-940-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10.4 fc
Type IV - Short - N/A

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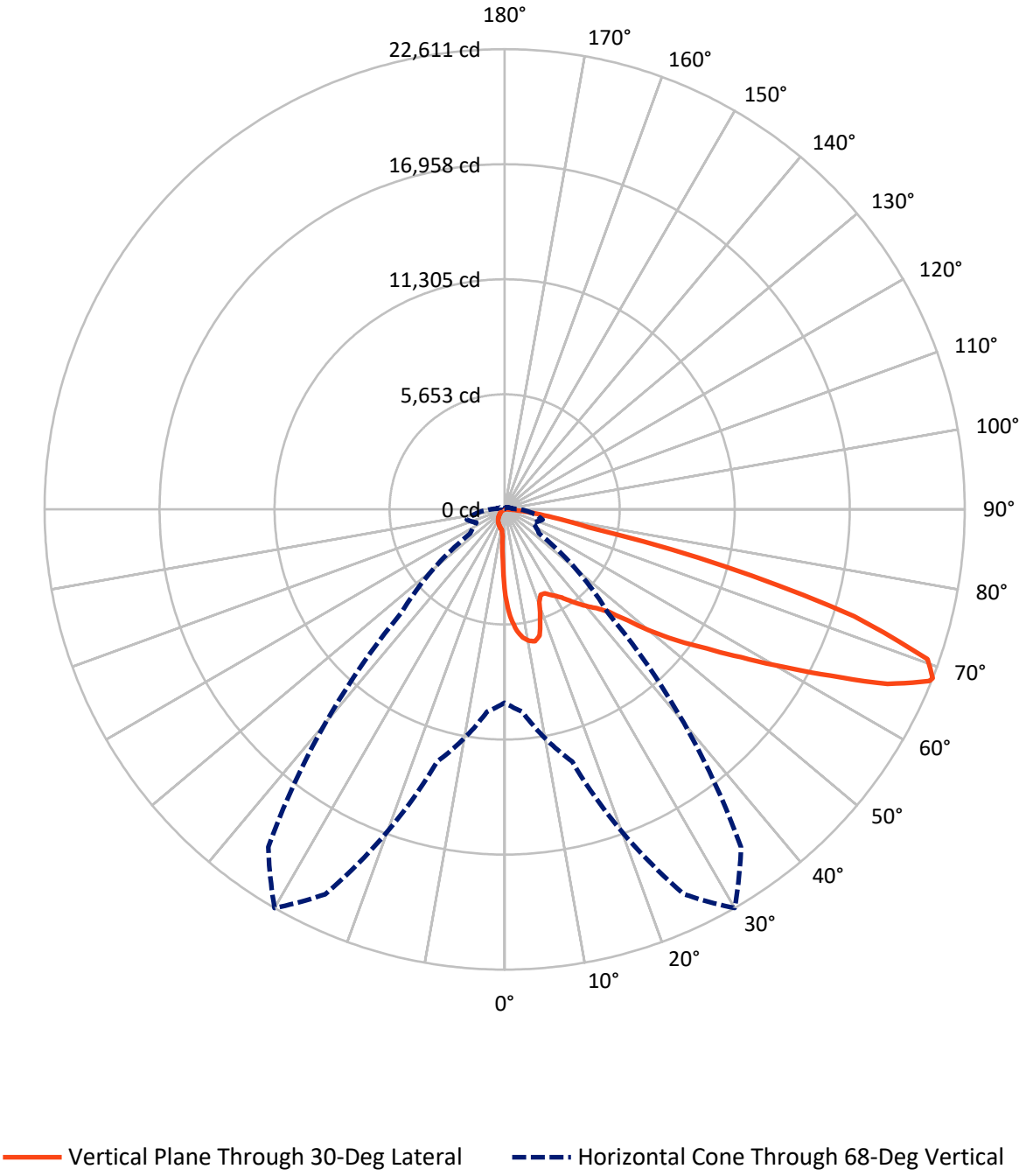
Luminous Intensity Polar Plot



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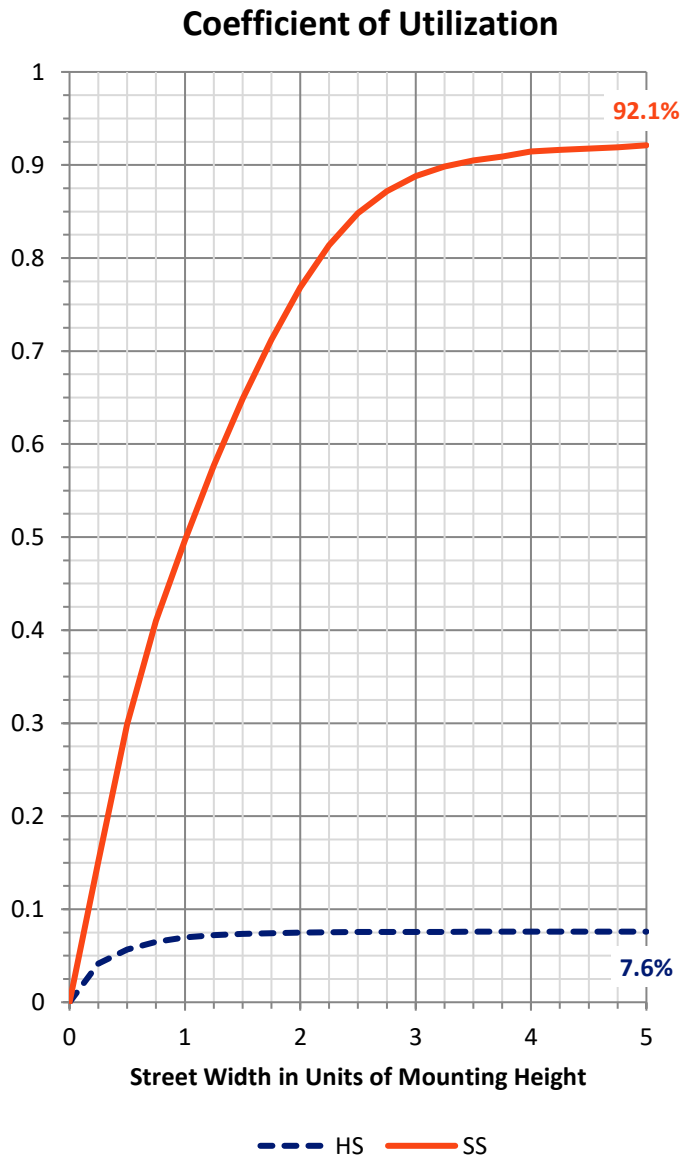
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1638.8	0.0	1638.8
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	19832.5	0.0	19832.5
	% Fixture	92.4	0.0	92.4
Total	Lumens	21471.3	0.0	21471.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	365.3	1.7
10°-20°	1043.0	4.9
20°-30°	1639.1	7.6
30°-40°	2570.7	12.0
40°-50°	3842.5	17.9
50°-60°	5111.7	23.8
60°-70°	4941.5	23.0
70°-80°	1776.3	8.3
80°-90°	181.3	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°	21471.3	100.0
0°-180°	21471.3	100.0



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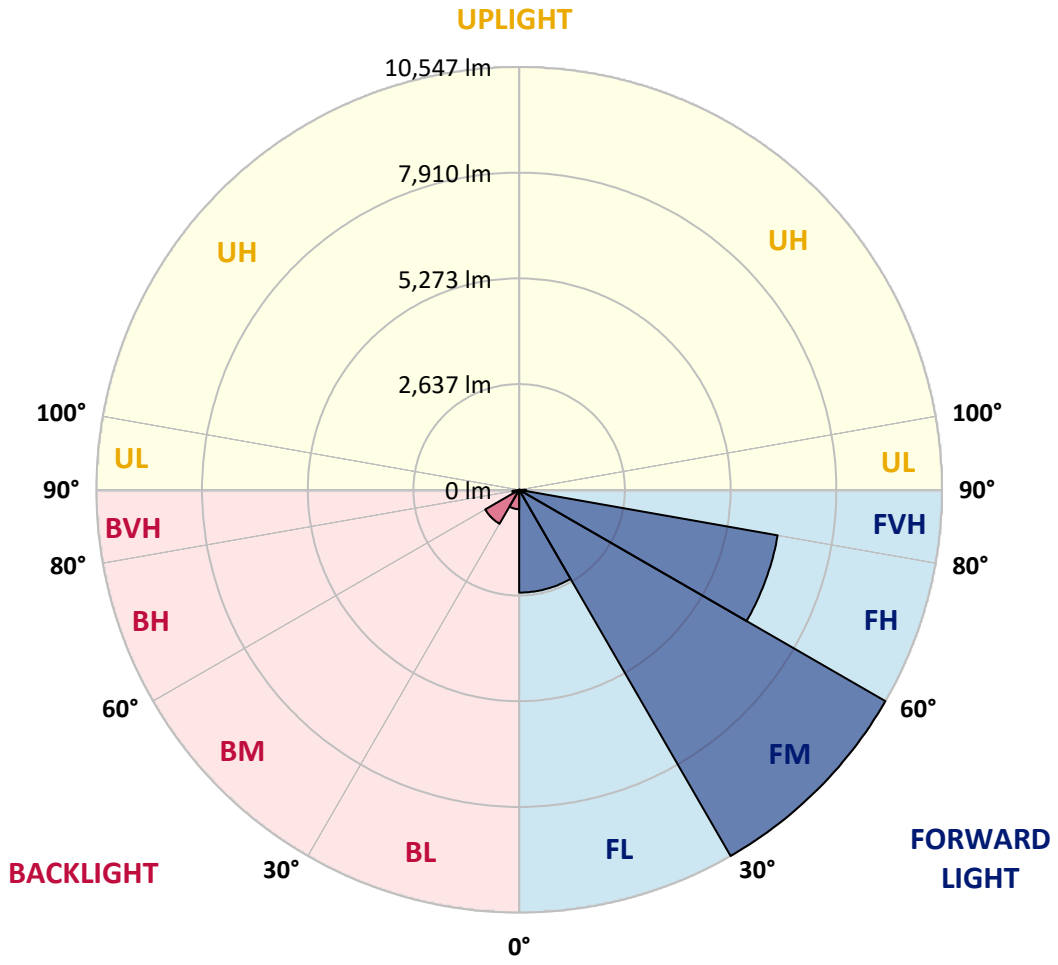
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2563.7	11.9			
FM	(30°-60°)	10546.7	49.1			
FH	(60°-80°)	6547.3	30.5			G3/7500
FVH	(80°-90°)	174.8	0.8			G2/225
BL	(0°-30°)	483.7	2.3	B1/500		
BM	(30°-60°)	978.2	4.6	B1/1000		
BH	(60°-80°)	170.4	0.8	B1/500		G1/500
BVH	(80°-90°)	6.4	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-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	4233.9	4233.9	4233.9	4233.9	*4233.9*	4233.9	4233.9	4233.9	4233.9	4233.9	4233.9
2.5°	5411.4	5411.4	5372.8	5321.3	*5263.4*	5244.1	5134.7	4980.3	4819.4	4632.8	4362.6
5°	6106.3	6099.9	6022.7	6022.7	*5945.5*	5874.7	5765.3	5540.1	5282.7	4948.1	4478.4
7.5°	6415.2	6428.0	6395.9	6395.9	*6350.8*	6299.3	6235.0	6016.2	5713.8	5263.4	4594.2
10°	6524.6	6531.0	6531.0	6576.0	*6563.2*	6556.7	6550.3	6428.0	6112.7	5585.1	4716.5
12.5°	6260.7	6292.9	6383.0	6582.5	*6646.8*	6717.6	6814.1	6775.5	6556.7	5990.5	4903.1
15°	5411.4	5417.8	5668.8	6164.2	*6428.0*	6698.3	7071.5	7148.7	7007.1	6428.0	5096.1
17.5°	4465.5	4484.8	4684.3	5237.7	*5662.3*	6286.5	7219.5	7534.8	7483.3	6859.1	5276.3
20°	4073.0	4098.8	4195.3	4542.7	*4864.5*	5443.6	7071.5	7901.5	7920.8	7290.3	5443.6
22.5°	3982.9	4002.2	4079.5	4349.7	*4549.2*	4935.2	6569.6	8191.1	8416.3	7785.7	5643.0
25°	3957.2	3976.5	4092.3	4388.3	*4574.9*	4896.6	6112.7	8345.5	9001.8	8300.5	5836.1
27.5°	3937.9	3963.6	4150.2	4529.9	*4748.6*	5057.5	6029.1	8377.7	9561.6	8847.4	6151.4
30°	3963.6	4002.2	4246.8	4677.9	*4928.8*	5276.3	6228.6	8409.9	10179.3	9471.5	6550.3
32.5°	4066.6	4098.8	4394.7	4877.3	*5166.9*	5559.4	6569.6	8602.9	10764.9	10108.6	6929.9
35°	4182.4	4227.4	4581.3	5160.4	*5507.9*	5951.9	7032.9	8982.5	11324.7	10713.4	7322.4
37.5°	4324.0	4375.4	4800.1	5482.2	*5881.1*	6383.0	7534.8	9510.1	11820.1	11208.8	7714.9
40°	4517.0	4574.9	5051.1	5823.2	*6254.3*	6756.2	8030.2	10031.3	12199.8	11504.8	7972.3
42.5°	5276.3	5353.5	5552.9	6157.8	*6640.4*	7155.1	8519.2	10526.8	12341.3	11601.4	8023.8
45°	6691.8	6769.1	6717.6	6833.4	*7155.1*	7637.7	9053.3	11002.9	12360.6	11575.6	7998.0
47.5°	8113.9	8204.0	8158.9	8094.6	*8165.3*	8397.0	9651.7	11305.4	12257.7	11562.7	7998.0
50°	9471.5	9420.1	9426.5	9407.2	*9471.5*	9593.8	10230.8	11363.3	12231.9	11685.0	8068.8
52.5°	10198.6	10224.4	10385.2	10623.3	*10764.9*	10887.1	10893.6	11453.4	12045.3	11479.1	7985.2
55°	10912.9	10964.3	11337.5	11742.9	*12058.2*	12289.8	11556.3	11395.4	10932.2	10790.6	7547.6
57.5°	11717.2	11788.0	12315.6	13152.1	*13705.4*	13827.7	12212.6	10314.5	9252.8	9806.1	6698.3
60°	12823.9	12907.5	13608.9	14863.6	*15687.2*	15436.3	12264.1	8596.5	7348.2	8139.6	5527.2
62.5°	13692.6	13859.8	15127.4	17083.5	*17990.8*	17192.9	11305.4	6588.9	5134.7	5720.2	4034.4
65°	12766.0	13087.7	15153.2	19625.1	*20674.0*	19258.4	9799.7	4497.7	2895.5	3699.8	2580.2
67.5°	10320.9	10771.3	13454.5	20860.6	*22514.2*	20345.8	7714.9	2387.2	1660.1	2149.1	1357.7
68°	*9497.3*	*9986.3*	*12830.3*	*20860.6*	*22610.7*	*20249.3*	*7161.6*	*2065.5*	*1531.4*	*1930.3*	*1177.5*
70°	6563.2	6910.6	9864.0	19689.5	*22044.5*	18460.5	4716.5	1183.9	1151.8	1325.5	778.6
72.5°	3217.2	3590.4	5276.3	15603.6	*17958.6*	14188.0	2149.1	785.0	875.1	971.6	611.3
75°	1280.5	1357.7	2078.3	7695.6	*11221.7*	9053.3	1126.0	592.0	752.8	759.3	482.6
77.5°	733.5	778.6	1151.8	2831.2	*4208.1*	4047.3	727.1	424.7	598.4	546.9	315.3
80°	411.8	418.2	649.9	1492.8	*2406.5*	2155.5	495.5	308.9	456.8	386.1	212.3
82.5°	205.9	231.6	411.8	823.6	*1338.4*	1370.5	263.8	218.8	366.8	276.7	173.7
85°	148.0	160.9	296.0	456.8	*617.7*	926.6	160.9	109.4	276.7	186.6	122.3
87.5°	77.2	96.5	186.6	225.2	*250.9*	315.3	77.2	51.5	154.4	109.4	64.3
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: P1459207
CATALOG NUMBER: GLAN-SB9A-940-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4233.9	4233.9	4233.9	4233.9	4233.9	4233.9	4233.9	4233.9	4233.9	4233.9	4233.9
2.5°	4233.9	4085.9	3783.5	3429.6	3152.9	2869.8	2638.1	2419.4	2316.4	2303.5	2329.3
5°	4214.6	3892.9	3204.4	2528.7	1975.4	1589.3	1377.0	1267.6	1209.7	1183.9	1190.4
7.5°	4176.0	3687.0	2586.7	1711.6	1280.5	1113.2	1061.7	1042.4	1035.9	1035.9	1035.9
10°	4137.4	3410.3	1981.8	1254.7	1048.8	1003.8	990.9	990.9	984.5	984.5	990.9
12.5°	4118.1	3152.9	1537.8	1048.8	978.0	958.7	945.9	939.4	939.4	939.4	945.9
15°	4073.0	2869.8	1241.9	971.6	933.0	907.3	900.8	894.4	894.4	894.4	894.4
17.5°	4034.4	2593.1	1081.0	920.1	888.0	862.2	855.8	849.4	849.4	855.8	855.8
20°	3976.5	2329.3	971.6	868.7	842.9	817.2	810.7	804.3	810.7	810.7	810.7
22.5°	3905.7	2110.5	907.3	830.0	797.9	772.1	772.1	772.1	772.1	772.1	778.6
25°	3860.7	1956.1	862.2	785.0	752.8	733.5	727.1	727.1	740.0	740.0	746.4
27.5°	3931.5	1917.5	868.7	772.1	714.2	694.9	688.5	688.5	701.4	707.8	714.2
30°	4143.8	1988.3	945.9	810.7	688.5	656.3	649.9	649.9	669.2	675.6	682.1
32.5°	4388.3	2136.2	1061.7	862.2	669.2	617.7	604.8	604.8	624.1	630.6	637.0
35°	4722.9	2367.9	1216.1	907.3	682.1	579.1	553.4	553.4	566.2	579.1	585.5
37.5°	5154.0	2747.5	1396.3	939.4	682.1	534.1	501.9	495.5	508.3	508.3	514.8
40°	5604.4	3243.0	1582.9	939.4	649.9	489.0	456.8	437.5	444.0	437.5	444.0
42.5°	5855.4	3641.9	1743.7	881.5	611.3	444.0	411.8	386.1	379.6	366.8	373.2
45°	5996.9	3822.1	1698.7	817.2	572.7	411.8	373.2	341.0	328.2	308.9	308.9
47.5°	5996.9	3841.4	1454.2	765.7	534.1	386.1	334.6	302.4	283.1	263.8	270.2
50°	5926.1	3667.6	1151.8	714.2	489.0	360.3	302.4	276.7	250.9	238.1	238.1
52.5°	5630.2	3101.4	881.5	649.9	437.5	328.2	270.2	244.5	218.8	212.3	212.3
55°	5121.8	2277.8	714.2	585.5	392.5	302.4	244.5	225.2	199.5	186.6	186.6
57.5°	4163.1	1557.1	592.0	527.6	347.5	270.2	218.8	199.5	167.3	154.4	154.4
60°	3088.5	1016.6	501.9	463.3	296.0	244.5	193.0	167.3	141.6	128.7	122.3
62.5°	2084.8	688.5	418.2	366.8	250.9	212.3	167.3	141.6	109.4	83.6	83.6
65°	1299.8	534.1	347.5	289.6	218.8	186.6	141.6	109.4	77.2	57.9	51.5
67.5°	746.4	431.1	283.1	225.2	186.6	148.0	109.4	90.1	64.3	45.0	38.6
68°	*688.5*	*411.8*	*263.8*	*212.3*	*173.7*	*141.6*	*103.0*	*83.6*	*57.9*	*38.6*	*38.6*
70°	559.8	366.8	225.2	173.7	148.0	115.8	90.1	70.8	45.0	25.7	25.7
72.5°	495.5	308.9	193.0	135.1	103.0	96.5	70.8	51.5	32.2	19.3	12.9
75°	405.4	244.5	154.4	103.0	70.8	70.8	51.5	32.2	12.9	0.0	0.0
77.5°	263.8	180.2	122.3	64.3	38.6	45.0	32.2	12.9	0.0	0.0	0.0
80°	173.7	135.1	83.6	32.2	19.3	19.3	6.4	0.0	0.0	0.0	0.0
82.5°	122.3	90.1	51.5	12.9	6.4	6.4	0.0	0.0	0.0	0.0	0.0
85°	77.2	38.6	19.3	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.2	12.9	6.4	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: SP1-2407-184-16

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

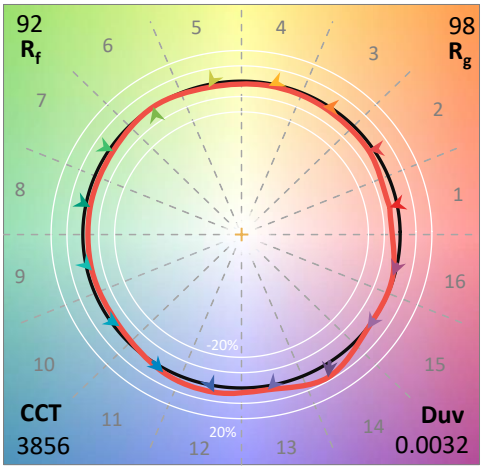
Test Information

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

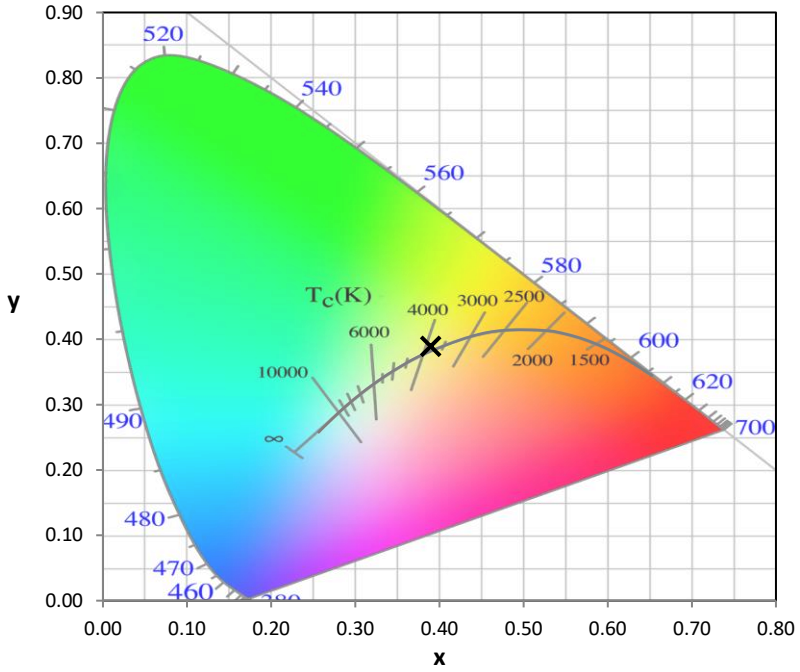
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

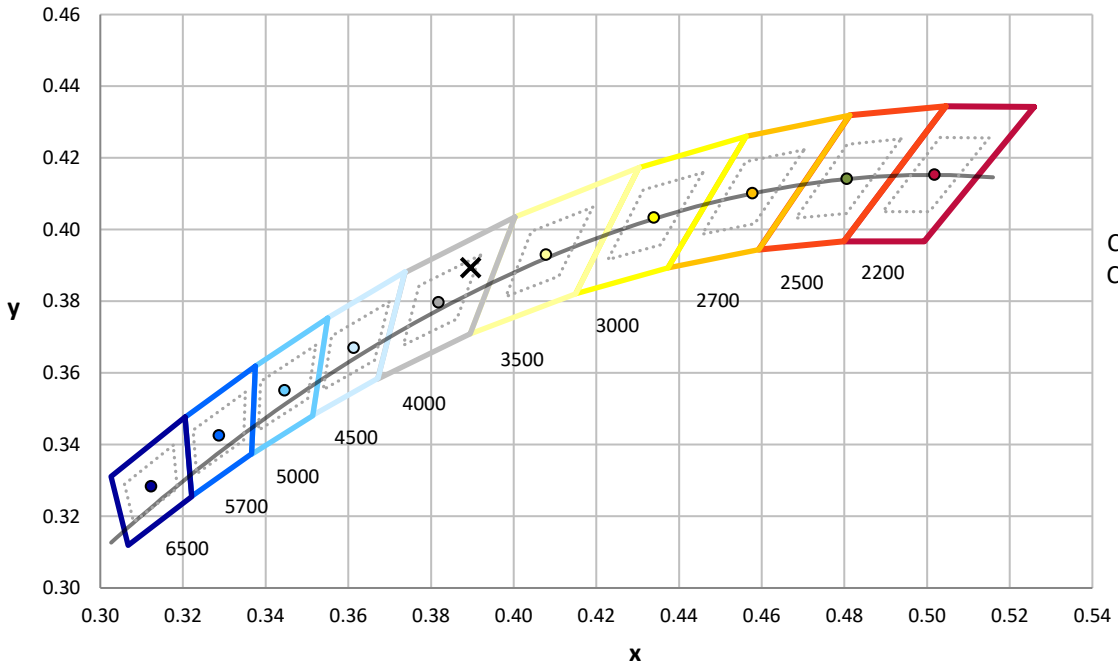
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

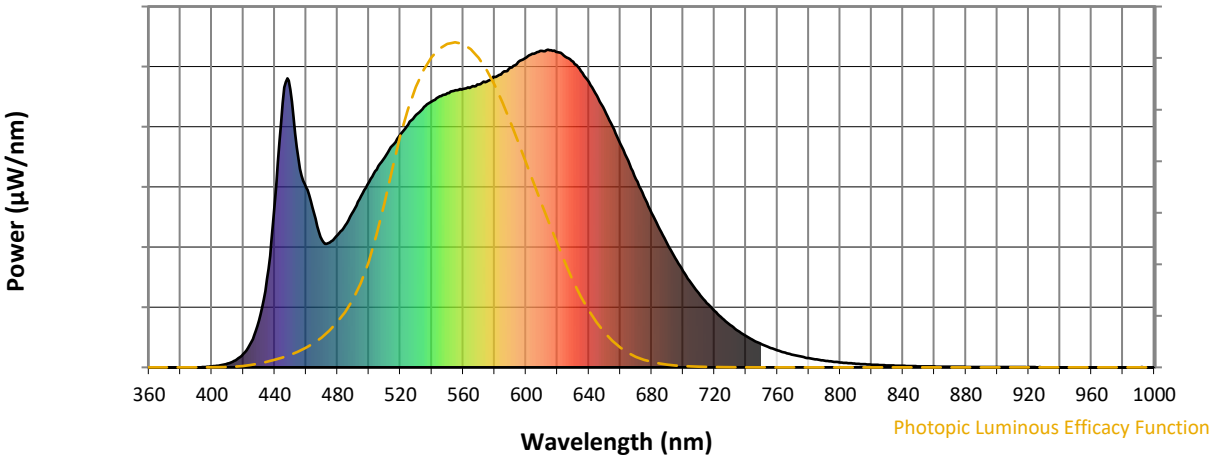


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

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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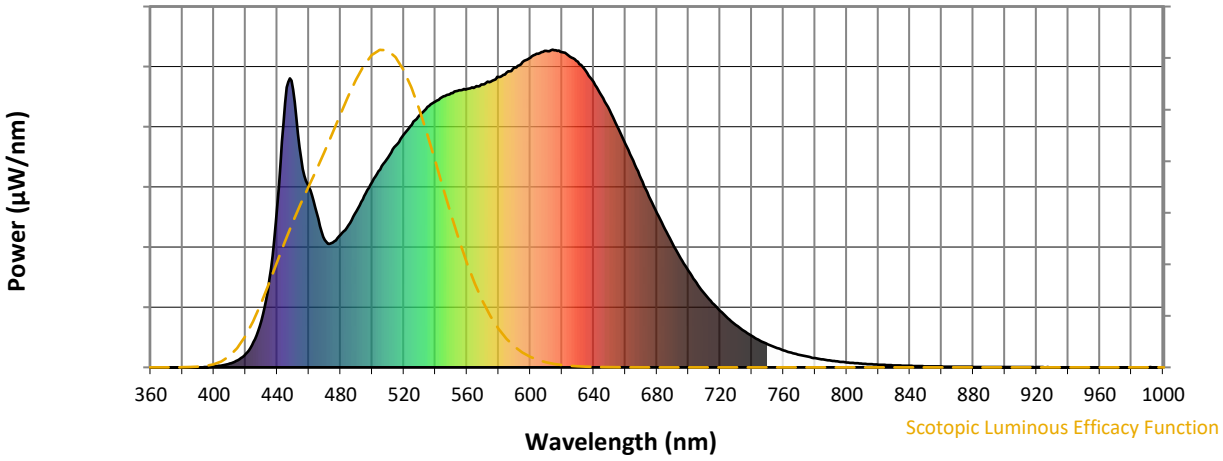
Scotopic Flux vs. Wavelength



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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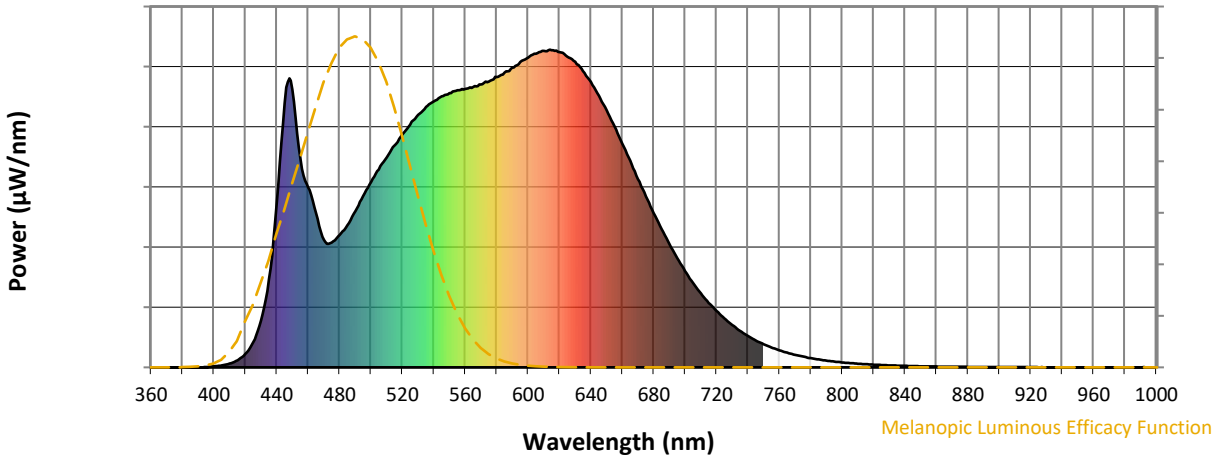
Melanopic Flux vs. Wavelength



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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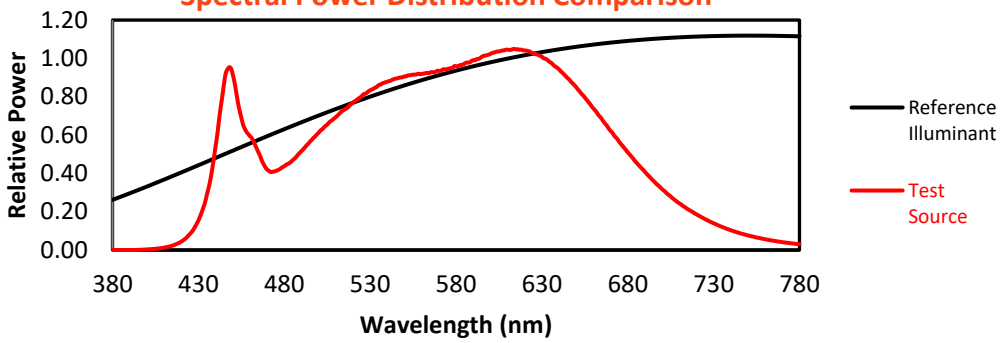
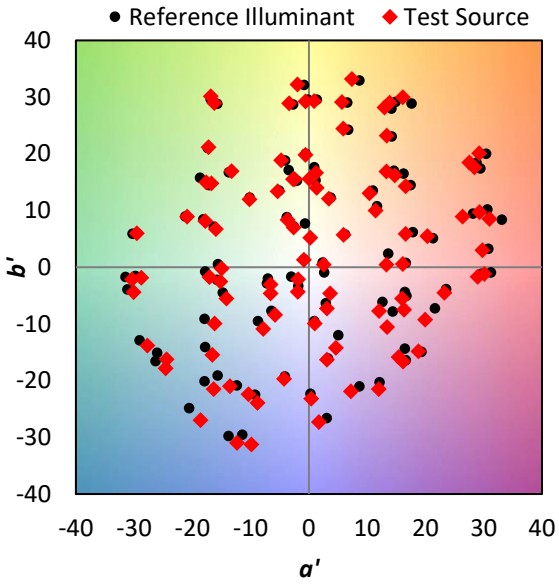
Summary

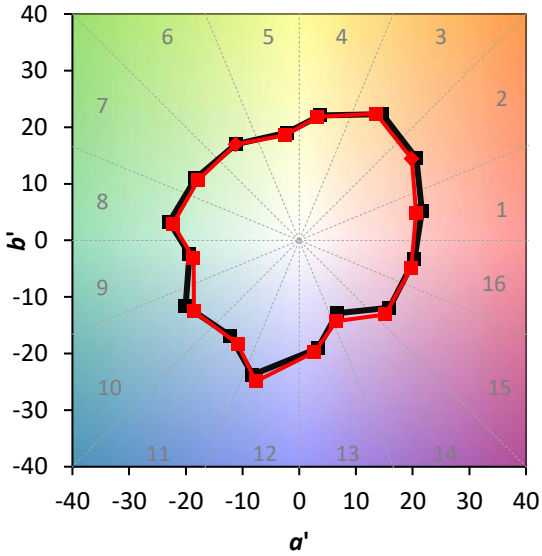
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

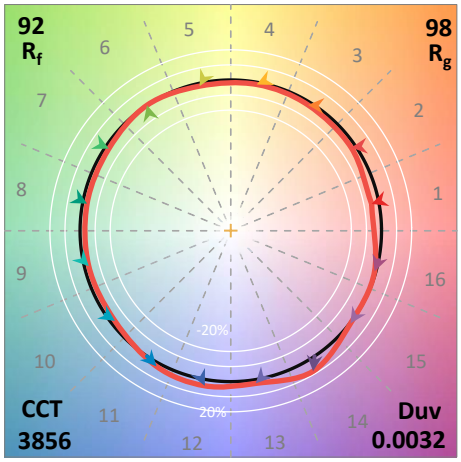
Spectral Power Distribution Comparison

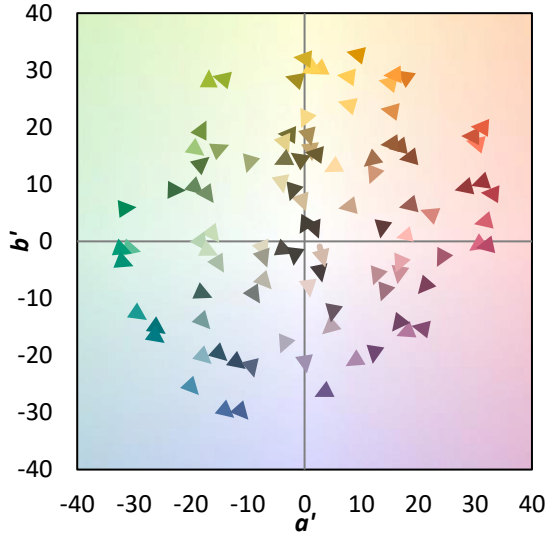


Color Vector Graphics









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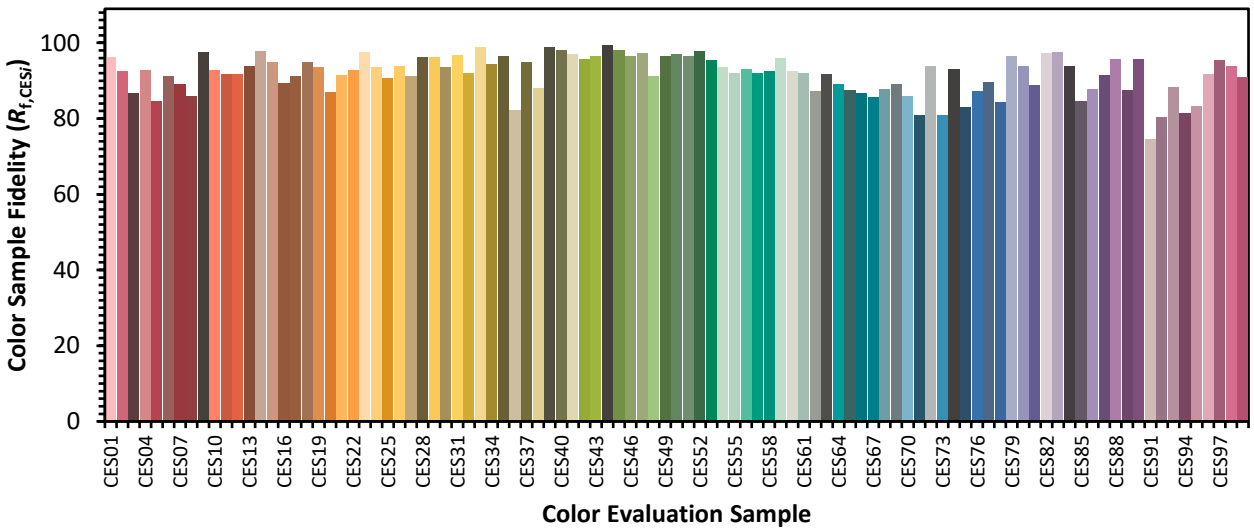
Individual Sample Fidelity Index ($R_{f,i}$)

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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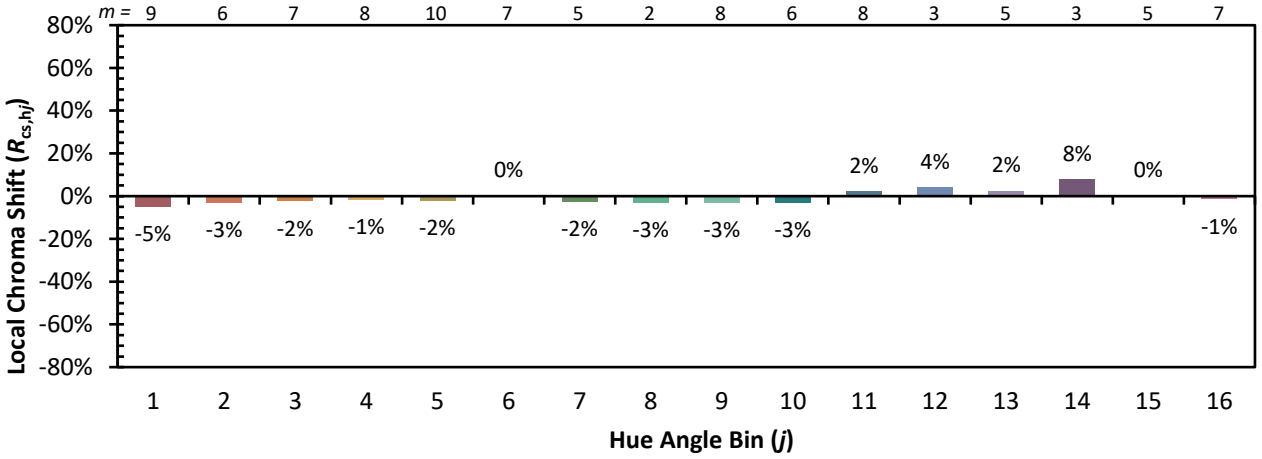
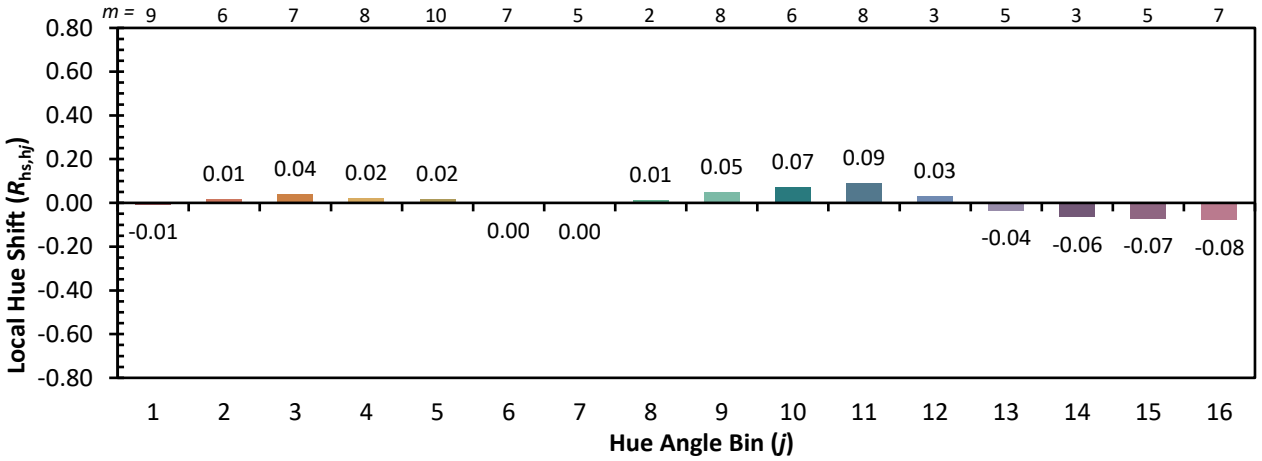
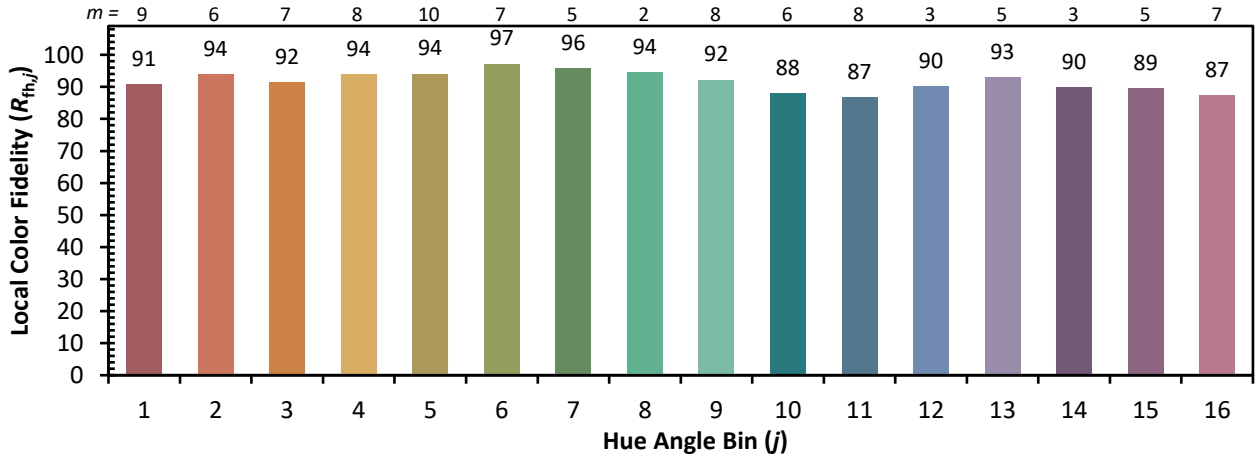
Color Rendition by Hue-Angle Bin







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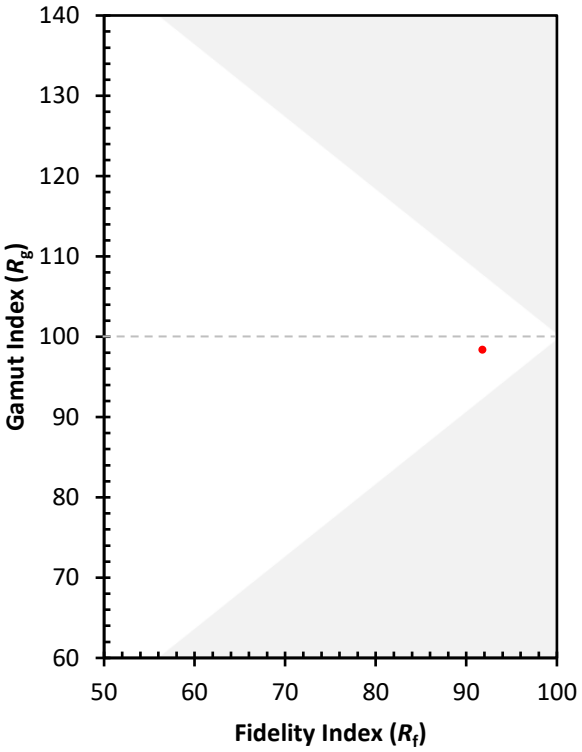
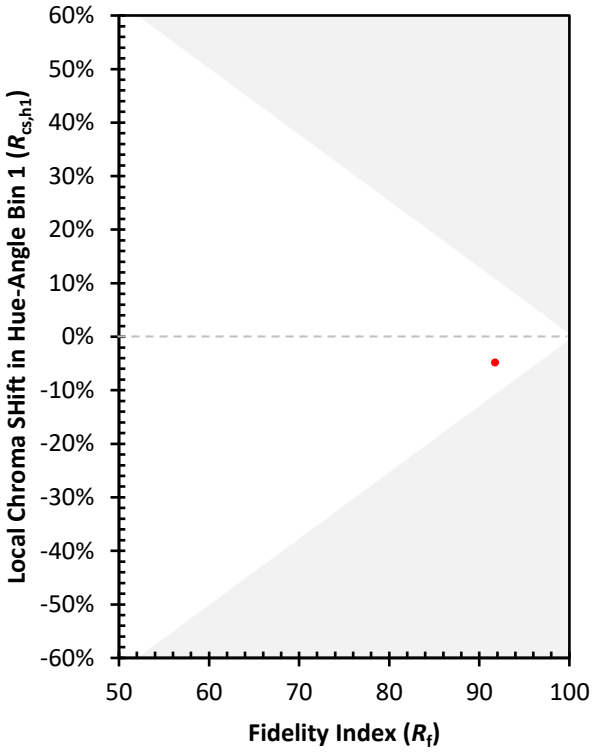
Measure Comparisons





(END OF REPORT)