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: P1459008

Luminaire Tested: GLAN-SB4B-840-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:	P1459008
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15651.3 lumens
Efficiency:	N/A
Efficacy:	106.5 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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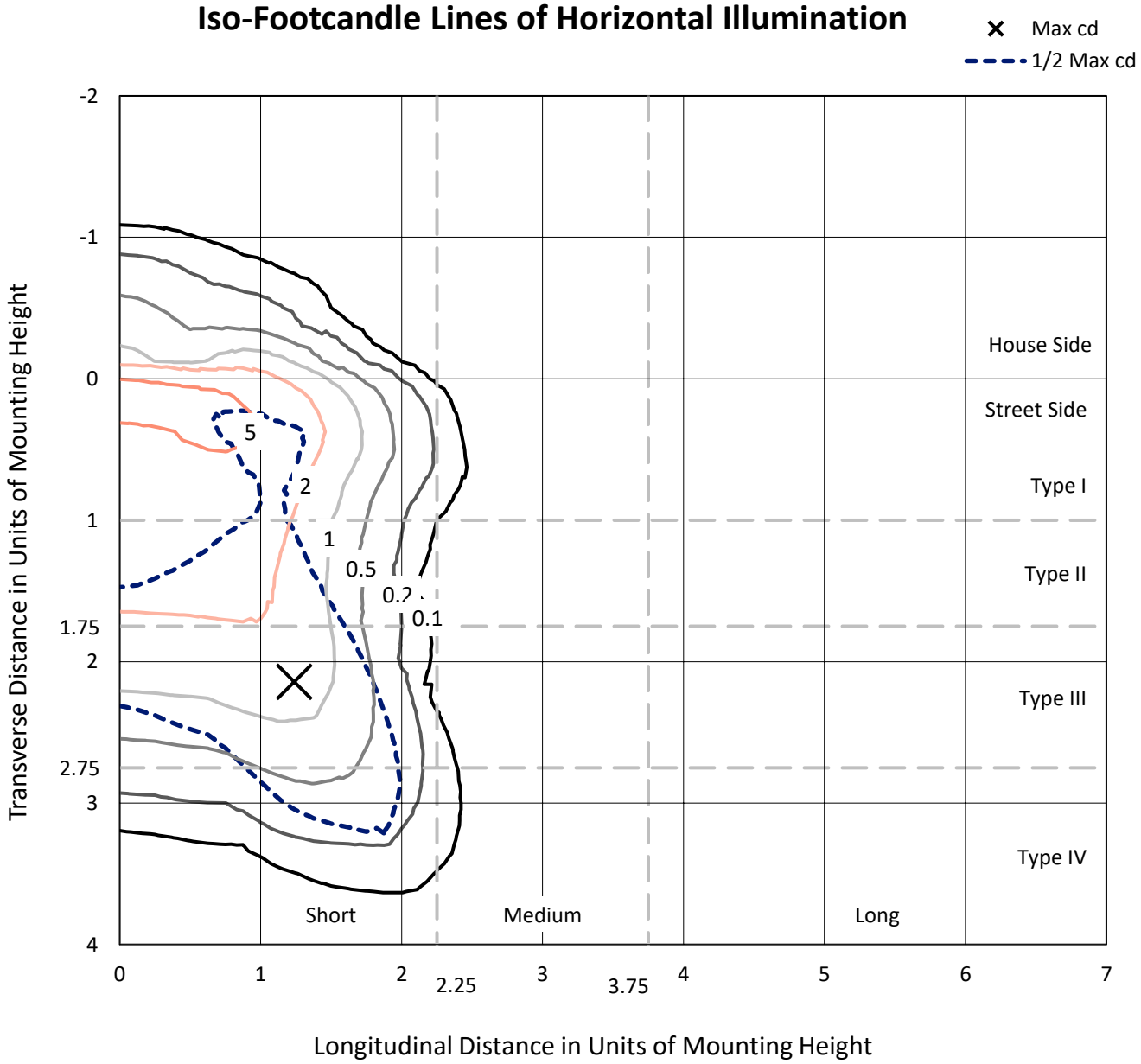
REPORT NUMBER: P1459008
CATALOG NUMBER: GLAN-SB4B-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 7.6 fc
Type IV - Short - N/A

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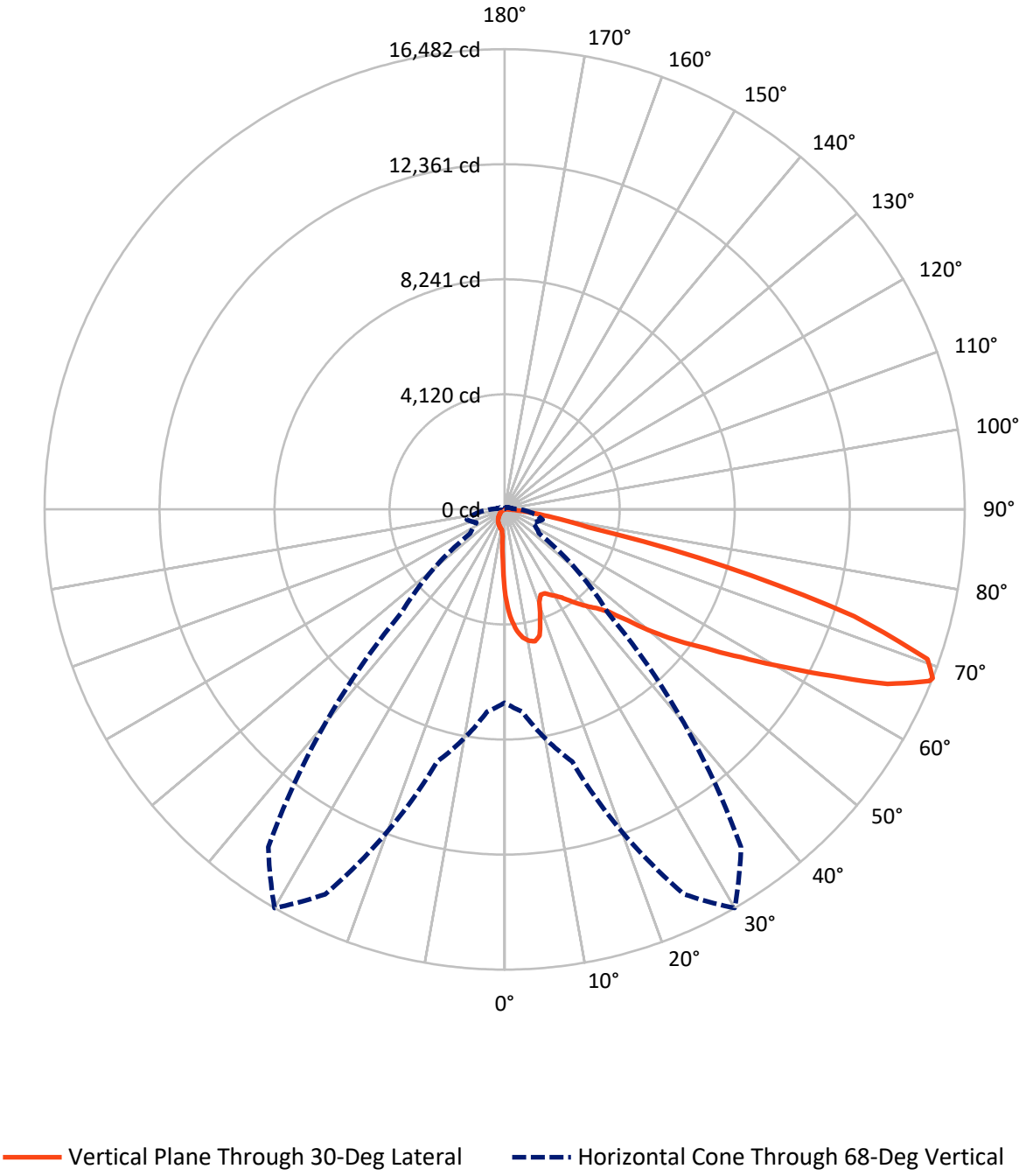
Luminous Intensity Polar Plot



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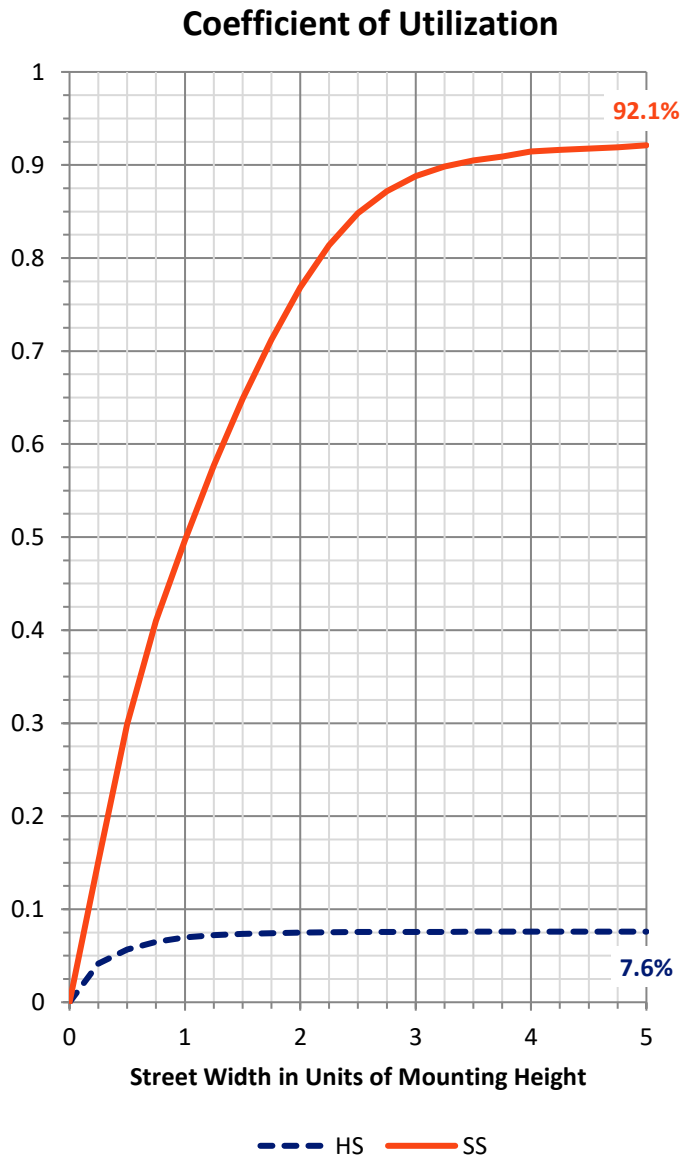
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1194.6	0.0	1194.6
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	14456.7	0.0	14456.7
	% Fixture	92.4	0.0	92.4
Total	Lumens	15651.3	0.0	15651.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	266.3	1.7
10°-20°	760.3	4.9
20°-30°	1194.8	7.6
30°-40°	1873.9	12.0
40°-50°	2800.9	17.9
50°-60°	3726.1	23.8
60°-70°	3602.0	23.0
70°-80°	1294.8	8.3
80°-90°	132.1	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°	15651.3	100.0
0°-180°	15651.3	100.0



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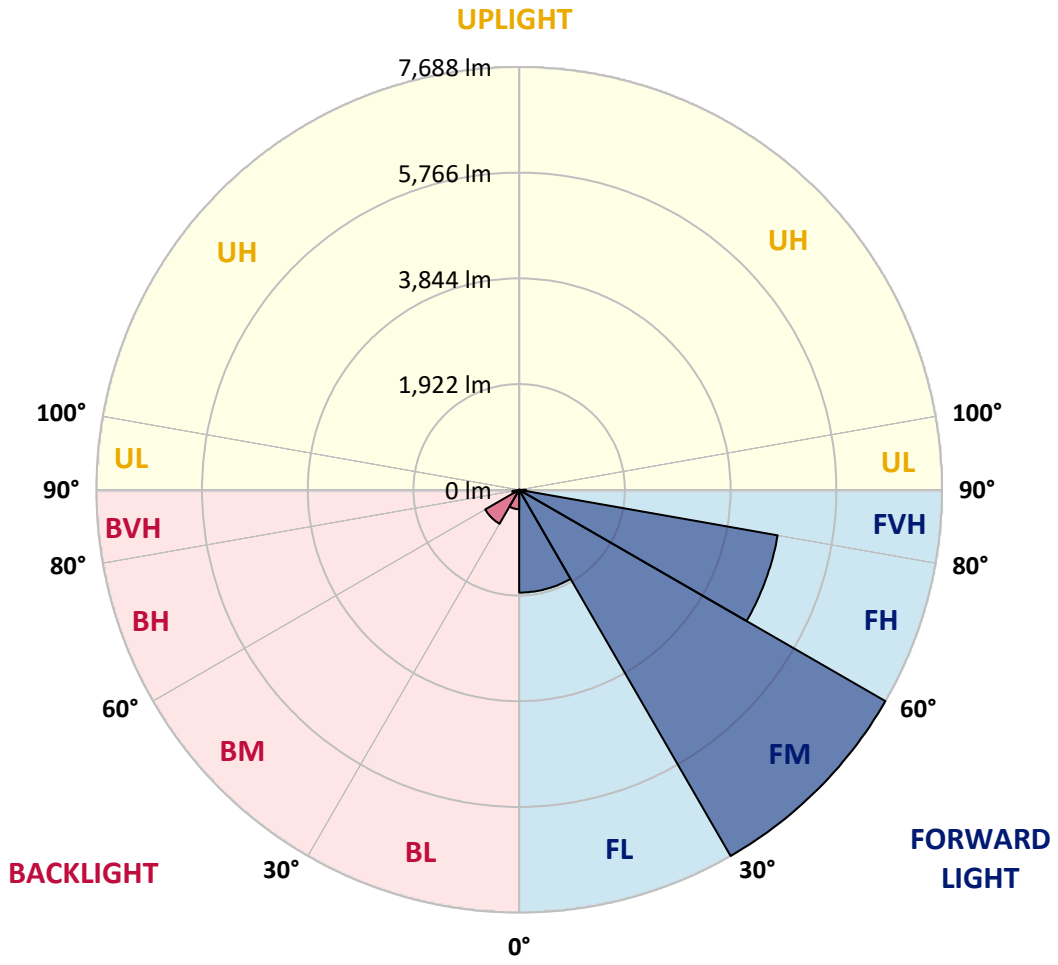
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1868.8	11.9			
FM	(30°-60°)	7687.9	49.1			
FH	(60°-80°)	4772.6	30.5			G2/5000
FVH	(80°-90°)	127.4	0.8			G2/225
BL	(0°-30°)	352.6	2.3	B1/500		
BM	(30°-60°)	713.1	4.6	B1/1000		
BH	(60°-80°)	124.2	0.8	B1/500		G1/500
BVH	(80°-90°)	4.7	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: P1459008
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	3086.3	3086.3	3086.3	3086.3	*3086.3*	3086.3	3086.3	3086.3	3086.3	3086.3	3086.3
2.5°	3944.6	3944.6	3916.4	3878.9	*3836.7*	3822.6	3742.9	3630.3	3513.1	3377.1	3180.1
5°	4451.1	4446.5	4390.2	4390.2	*4333.9*	4282.3	4202.6	4038.4	3850.8	3606.9	3264.5
7.5°	4676.3	4685.7	4662.2	4662.2	*4629.4*	4591.9	4545.0	4385.5	4165.0	3836.7	3348.9
10°	4756.0	4760.7	4760.7	4793.5	*4784.2*	4779.5	4774.8	4685.7	4455.8	4071.2	3438.0
12.5°	4563.7	4587.2	4652.8	4798.2	*4845.1*	4896.7	4967.1	4938.9	4779.5	4366.7	3574.1
15°	3944.6	3949.3	4132.2	4493.4	*4685.7*	4882.7	5154.7	5211.0	5107.8	4685.7	3714.8
17.5°	3255.1	3269.2	3414.6	3818.0	*4127.5*	4582.5	5262.6	5492.4	5454.9	4999.9	3846.1
20°	2969.0	2987.8	3058.1	3311.4	*3545.9*	3968.0	5154.7	5759.8	5773.8	5314.2	3968.0
22.5°	2903.3	2917.4	2973.7	3170.7	*3316.1*	3597.5	4788.9	5970.8	6135.0	5675.3	4113.4
25°	2884.6	2898.6	2983.1	3198.8	*3334.8*	3569.4	4455.8	6083.4	6561.8	6050.6	4254.2
27.5°	2870.5	2889.3	3025.3	3302.0	*3461.5*	3686.6	4394.9	6106.8	6969.9	6449.2	4484.0
30°	2889.3	2917.4	3095.6	3409.9	*3592.8*	3846.1	4540.3	6130.3	7420.1	6904.2	4774.8
32.5°	2964.3	2987.8	3203.5	3555.3	*3766.4*	4052.5	4788.9	6271.0	7847.0	7368.6	5051.5
35°	3048.7	3081.6	3339.5	3761.7	*4014.9*	4338.6	5126.6	6547.7	8255.0	7809.4	5337.6
37.5°	3151.9	3189.4	3499.0	3996.2	*4287.0*	4652.8	5492.4	6932.3	8616.2	8170.6	5623.7
40°	3292.6	3334.8	3681.9	4244.8	*4559.0*	4924.9	5853.6	7312.3	8892.9	8386.4	5811.4
42.5°	3846.1	3902.4	4047.8	4488.7	*4840.4*	5215.7	6210.0	7673.4	8996.1	8456.7	5848.9
45°	4878.0	4934.3	4896.7	4981.2	*5215.7*	5567.5	6599.3	8020.5	9010.2	8438.0	5830.1
47.5°	5914.5	5980.2	5947.4	5900.5	*5952.1*	6120.9	7035.5	8241.0	8935.1	8428.6	5830.1
50°	6904.2	6866.7	6871.4	6857.3	*6904.2*	6993.3	7457.7	8283.2	8916.4	8517.7	5881.7
52.5°	7434.2	7453.0	7570.2	7743.8	*7847.0*	7936.1	7940.8	8348.8	8780.3	8367.6	5820.7
55°	7954.8	7992.4	8264.4	8559.9	*8789.7*	8958.6	8423.9	8306.6	7968.9	7865.7	5501.8
57.5°	8541.1	8592.7	8977.3	9587.1	*9990.5*	10079.6	8902.3	7518.6	6744.7	7148.1	4882.7
60°	9347.9	9408.9	9920.1	10834.7	*11435.1*	11252.2	8939.8	6266.3	5356.4	5933.3	4029.0
62.5°	9981.1	10103.0	11027.0	12452.9	*13114.2*	12532.6	8241.0	4802.9	3742.9	4169.7	2940.9
65°	9305.7	9540.2	11045.8	14305.6	*15070.1*	14038.2	7143.4	3278.6	2110.7	2697.0	1880.8
67.5°	7523.3	7851.7	9807.5	15206.1	*16411.6*	14830.9	5623.7	1740.1	1210.1	1566.6	989.7
68°	*6923.0*	*7279.4*	*9352.6*	*15206.1*	*16481.9*	*14760.6*	*5220.4*	*1505.6*	*1116.3*	*1407.1*	*858.3*
70°	4784.2	5037.4	7190.3	14352.5	*16069.2*	13456.6	3438.0	863.0	839.6	966.2	567.5
72.5°	2345.2	2617.2	3846.1	11374.1	*13090.8*	10342.2	1566.6	572.2	637.9	708.2	445.6
75°	933.4	989.7	1515.0	5609.7	*8180.0*	6599.3	820.8	431.5	548.8	553.5	351.8
77.5°	534.7	567.5	839.6	2063.8	*3067.5*	2950.2	530.0	309.6	436.2	398.7	229.8
80°	300.2	304.9	473.7	1088.2	*1754.2*	1571.3	361.2	225.1	333.0	281.4	154.8
82.5°	150.1	168.9	300.2	600.4	*975.6*	999.0	192.3	159.5	267.4	201.7	126.6
85°	107.9	117.3	215.8	333.0	*450.3*	675.4	117.3	79.7	201.7	136.0	89.1
87.5°	56.3	70.4	136.0	164.2	*182.9*	229.8	56.3	37.5	112.6	79.7	46.9
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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Scaled Data Report

REPORT NUMBER: P1459008
CATALOG NUMBER: GLAN-SB4B-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3086.3	3086.3	3086.3	3086.3	3086.3	3086.3	3086.3	3086.3	3086.3	3086.3	3086.3
2.5°	3086.3	2978.4	2757.9	2500.0	2298.3	2091.9	1923.0	1763.6	1688.5	1679.1	1697.9
5°	3072.2	2837.7	2335.8	1843.3	1439.9	1158.5	1003.7	924.0	881.8	863.0	867.7
7.5°	3044.0	2687.6	1885.5	1247.6	933.4	811.4	773.9	759.8	755.1	755.1	755.1
10°	3015.9	2485.9	1444.6	914.6	764.5	731.7	722.3	722.3	717.6	717.6	722.3
12.5°	3001.8	2298.3	1121.0	764.5	712.9	698.9	689.5	684.8	684.8	684.8	689.5
15°	2969.0	2091.9	905.2	708.2	680.1	661.3	656.7	652.0	652.0	652.0	652.0
17.5°	2940.9	1890.2	788.0	670.7	647.3	628.5	623.8	619.1	619.1	623.8	623.8
20°	2898.6	1697.9	708.2	633.2	614.4	595.7	591.0	586.3	591.0	591.0	591.0
22.5°	2847.0	1538.4	661.3	605.1	581.6	562.8	562.8	562.8	562.8	562.8	567.5
25°	2814.2	1425.9	628.5	572.2	548.8	534.7	530.0	530.0	539.4	539.4	544.1
27.5°	2865.8	1397.7	633.2	562.8	520.6	506.6	501.9	501.9	511.2	515.9	520.6
30°	3020.6	1449.3	689.5	591.0	501.9	478.4	473.7	473.7	487.8	492.5	497.2
32.5°	3198.8	1557.2	773.9	628.5	487.8	450.3	440.9	440.9	455.0	459.7	464.3
35°	3442.7	1726.1	886.5	661.3	497.2	422.1	403.4	403.4	412.8	422.1	426.8
37.5°	3757.0	2002.8	1017.8	684.8	497.2	389.3	365.8	361.2	370.5	370.5	375.2
40°	4085.3	2363.9	1153.8	684.8	473.7	356.5	333.0	318.9	323.6	318.9	323.6
42.5°	4268.2	2654.7	1271.1	642.6	445.6	323.6	300.2	281.4	276.7	267.4	272.0
45°	4371.4	2786.1	1238.3	595.7	417.4	300.2	272.0	248.6	239.2	225.1	225.1
47.5°	4371.4	2800.1	1060.0	558.2	389.3	281.4	243.9	220.4	206.4	192.3	197.0
50°	4319.8	2673.5	839.6	520.6	356.5	262.7	220.4	201.7	182.9	173.5	173.5
52.5°	4104.1	2260.8	642.6	473.7	318.9	239.2	197.0	178.2	159.5	154.8	154.8
55°	3733.5	1660.4	520.6	426.8	286.1	220.4	178.2	164.2	145.4	136.0	136.0
57.5°	3034.7	1135.1	431.5	384.6	253.3	197.0	159.5	145.4	121.9	112.6	112.6
60°	2251.4	741.1	365.8	337.7	215.8	178.2	140.7	121.9	103.2	93.8	89.1
62.5°	1519.7	501.9	304.9	267.4	182.9	154.8	121.9	103.2	79.7	61.0	61.0
65°	947.5	389.3	253.3	211.1	159.5	136.0	103.2	79.7	56.3	42.2	37.5
67.5°	544.1	314.3	206.4	164.2	136.0	107.9	79.7	65.7	46.9	32.8	28.1
68°	*501.9*	*300.2*	*192.3*	*154.8*	*126.6*	*103.2*	*75.0*	*61.0*	*42.2*	*28.1*	*28.1*
70°	408.1	267.4	164.2	126.6	107.9	84.4	65.7	51.6	32.8	18.8	18.8
72.5°	361.2	225.1	140.7	98.5	75.0	70.4	51.6	37.5	23.5	14.1	9.4
75°	295.5	178.2	112.6	75.0	51.6	51.6	37.5	23.5	9.4	0.0	0.0
77.5°	192.3	131.3	89.1	46.9	28.1	32.8	23.5	9.4	0.0	0.0	0.0
80°	126.6	98.5	61.0	23.5	14.1	14.1	4.7	0.0	0.0	0.0	0.0
82.5°	89.1	65.7	37.5	9.4	4.7	4.7	0.0	0.0	0.0	0.0	0.0
85°	56.3	28.1	14.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.5	9.4	4.7	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

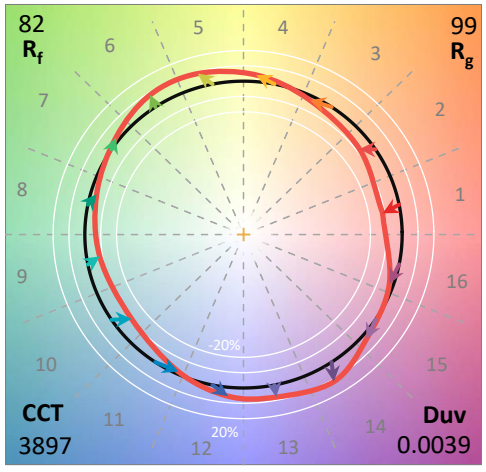
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

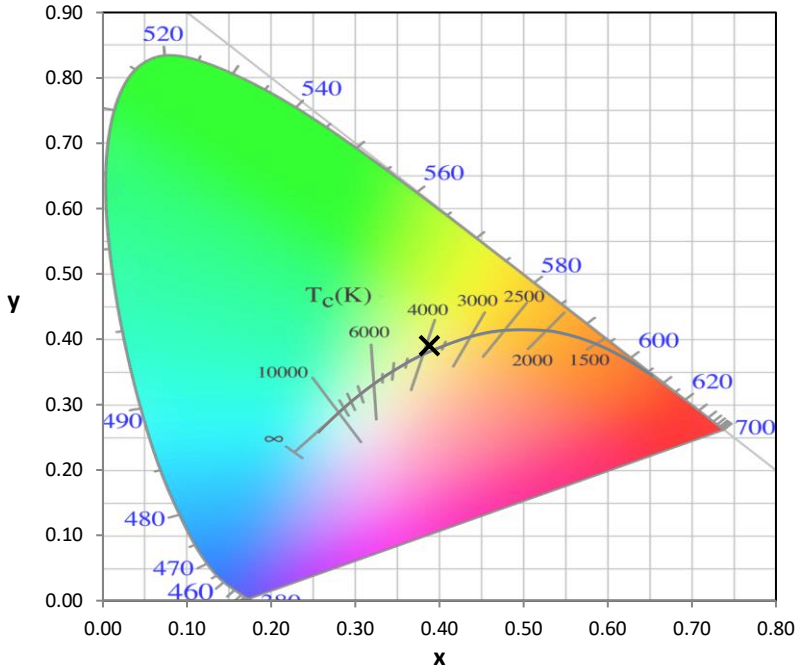
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

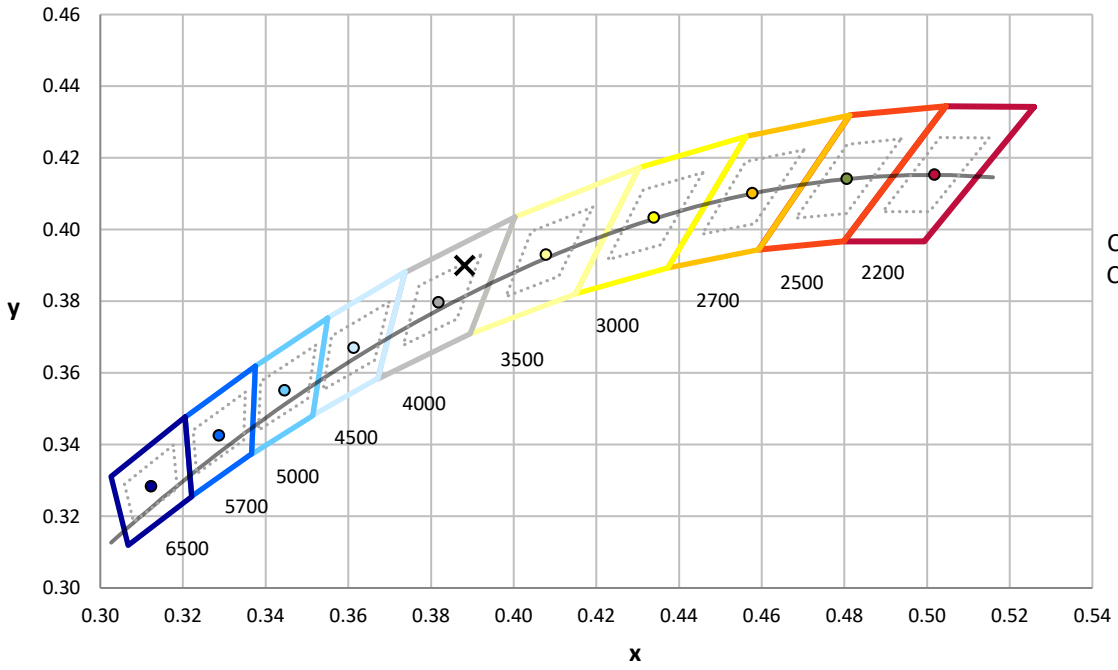
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

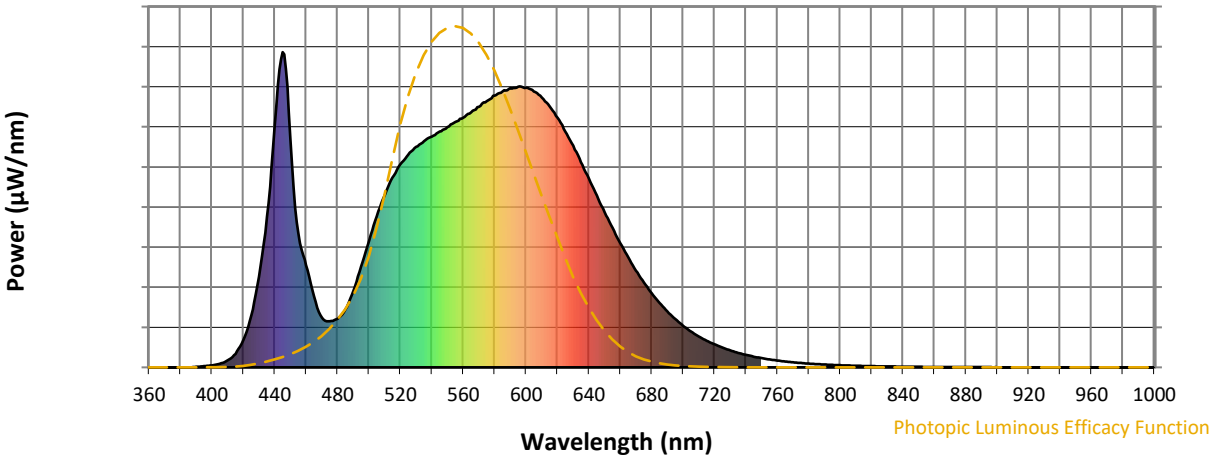


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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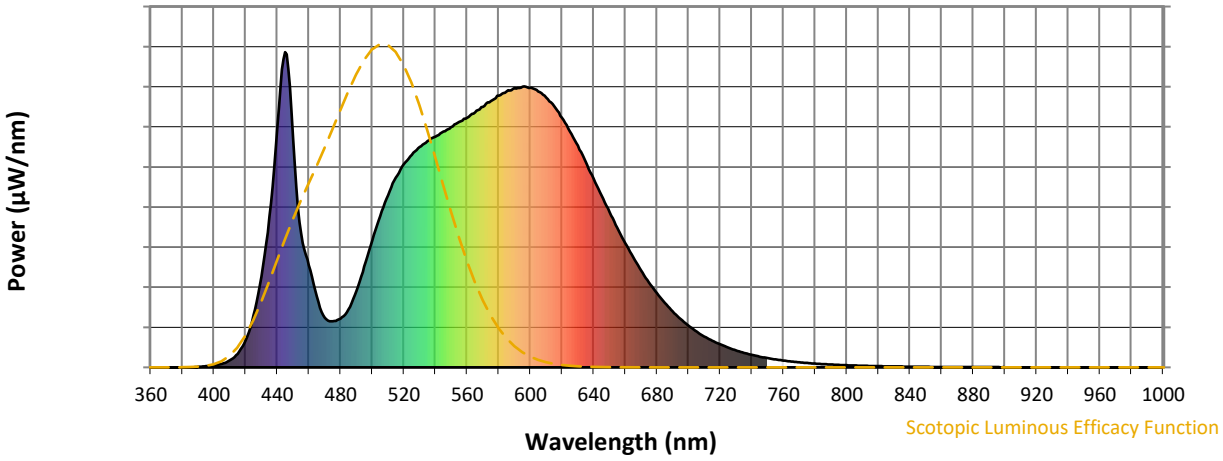
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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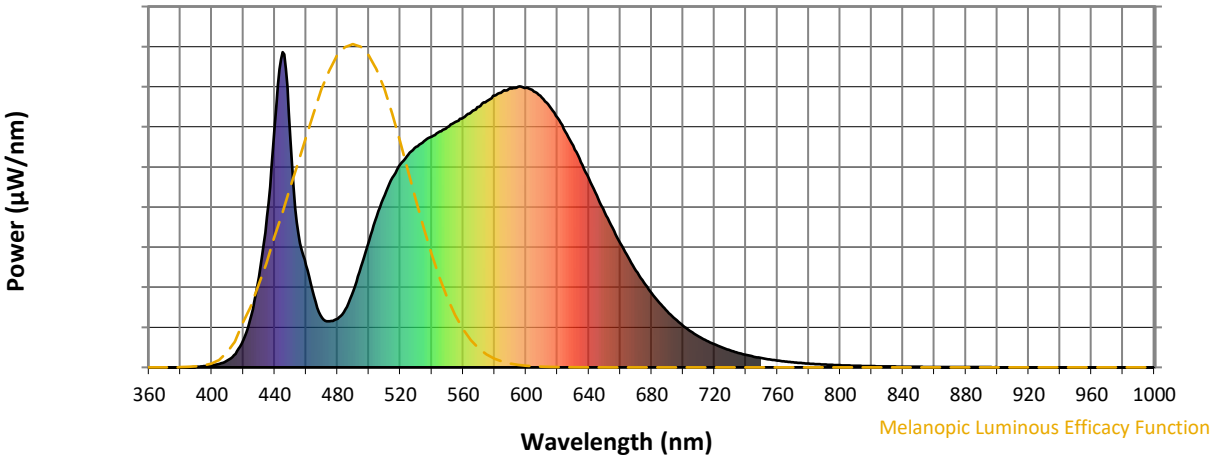
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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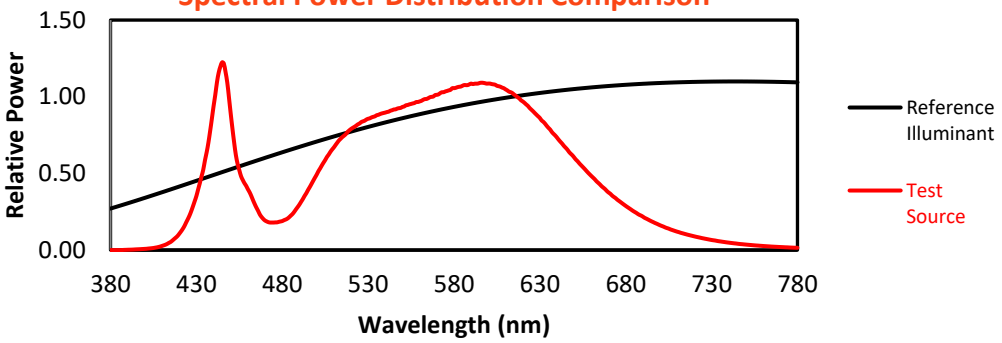
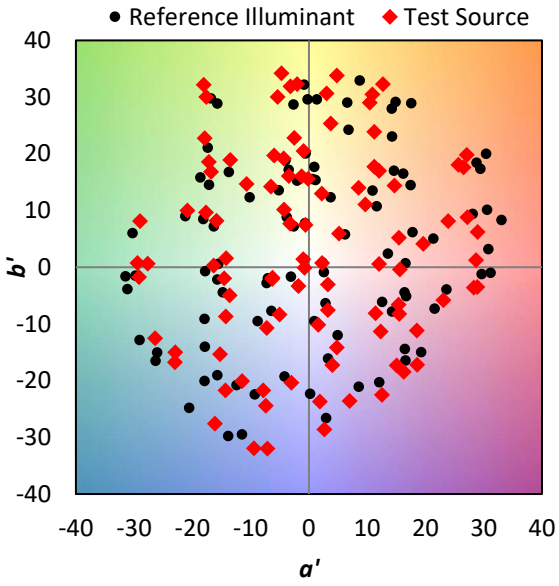
Summary

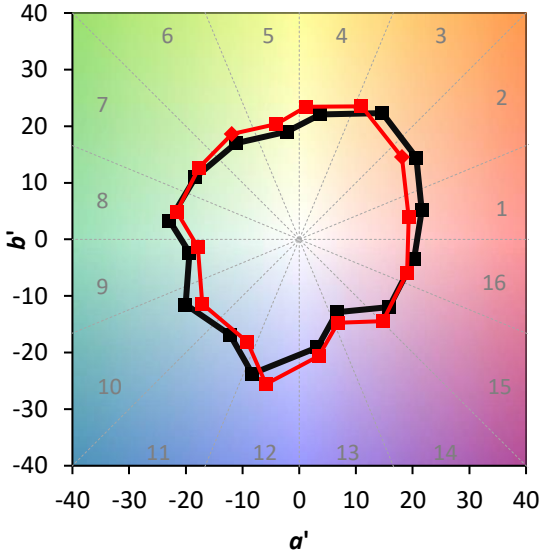
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

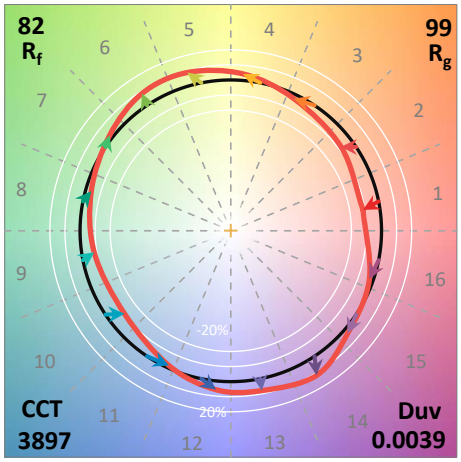
Spectral Power Distribution Comparison

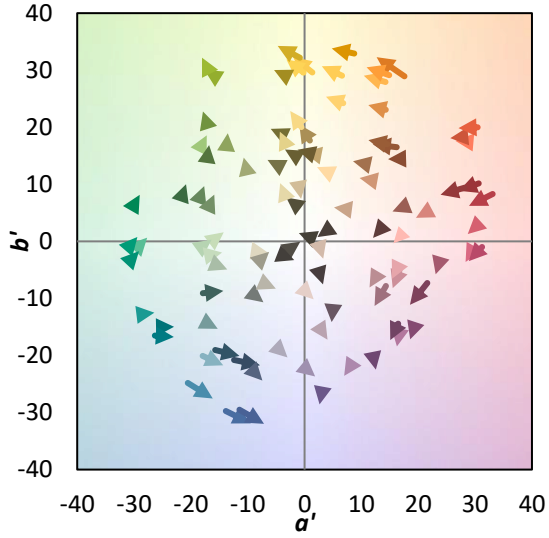


Color Vector Graphics









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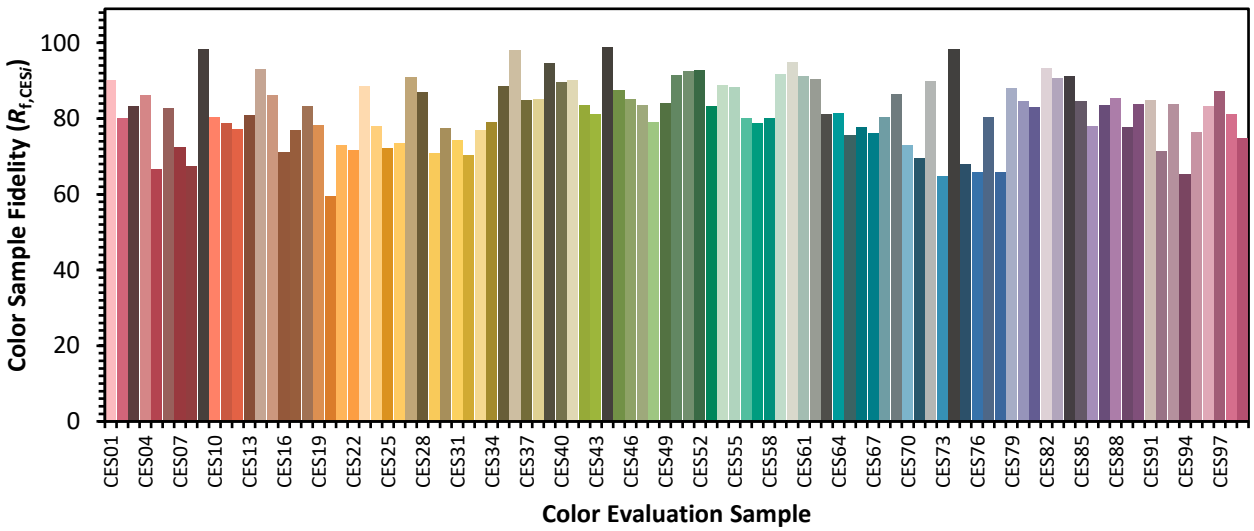
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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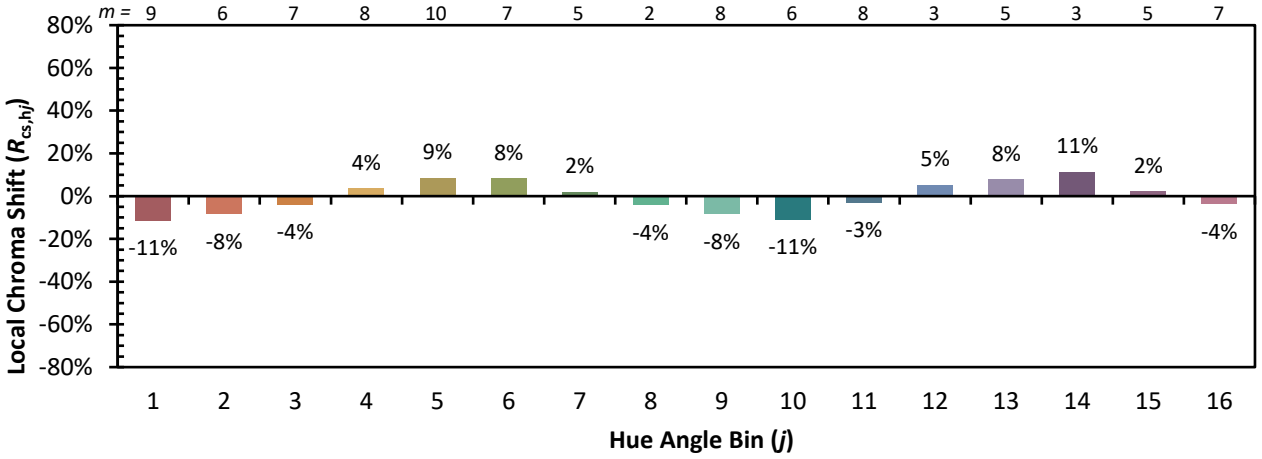
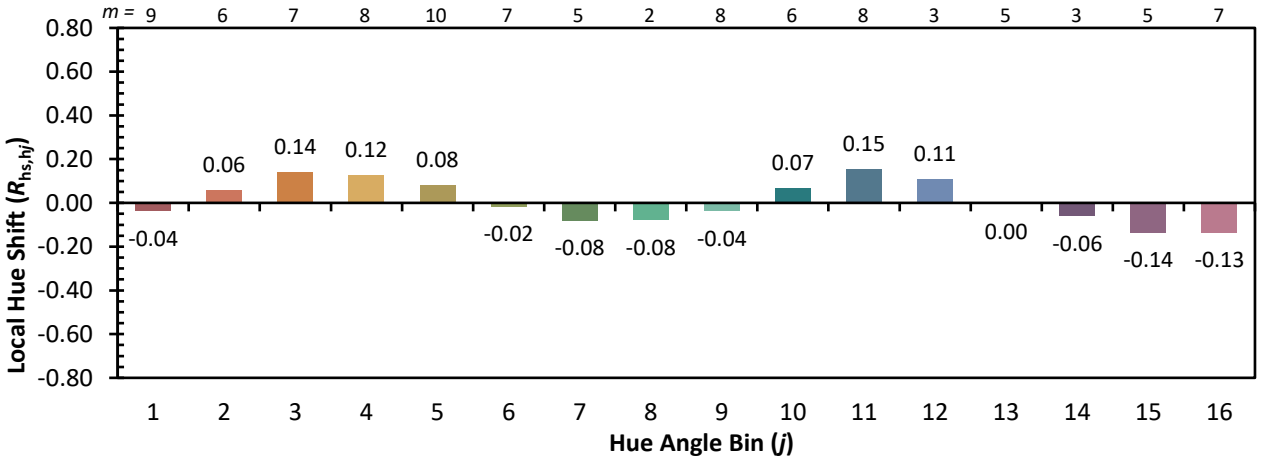
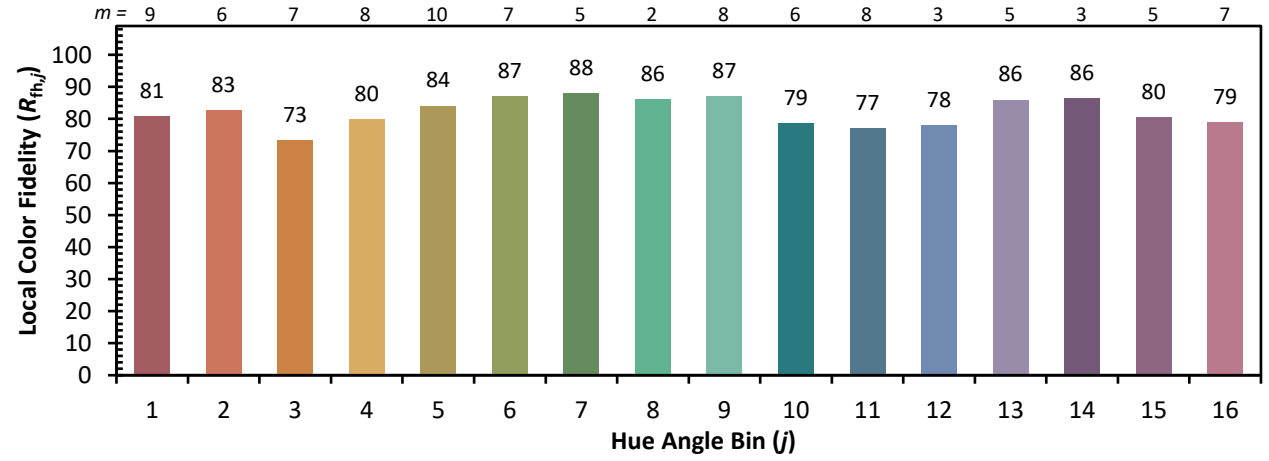
Color Rendition by Hue-Angle Bin







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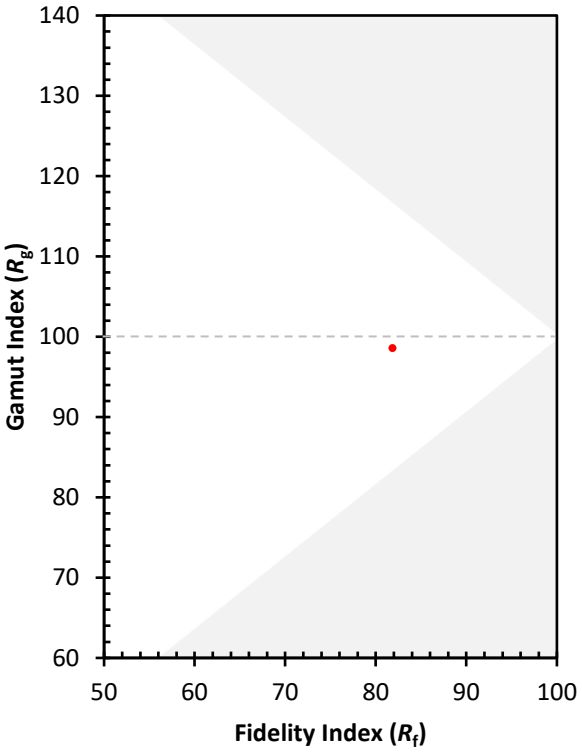
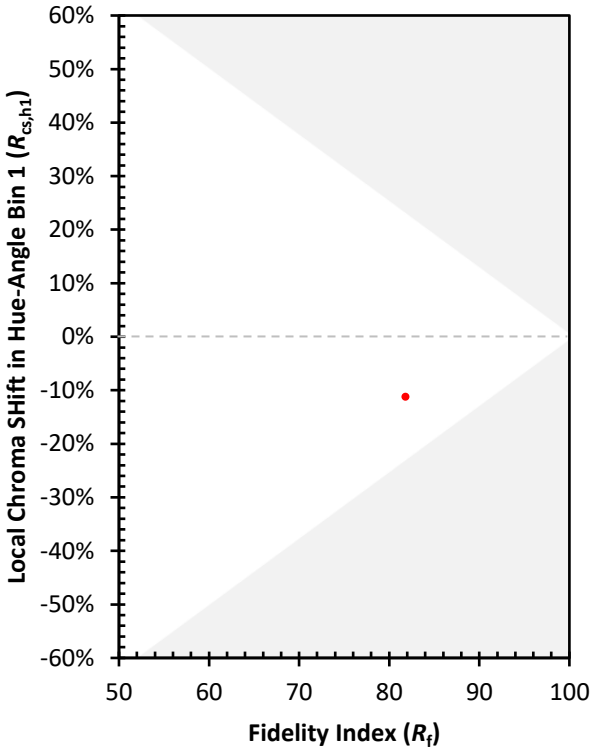
Measure Comparisons





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