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: P1459020

Luminaire Tested: GLAN-SB7B-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:	P1459020
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7B-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27772.7 lumens
Efficiency:	N/A
Efficacy:	108.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G4

Input Watts (W):	256.7
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: P1459020
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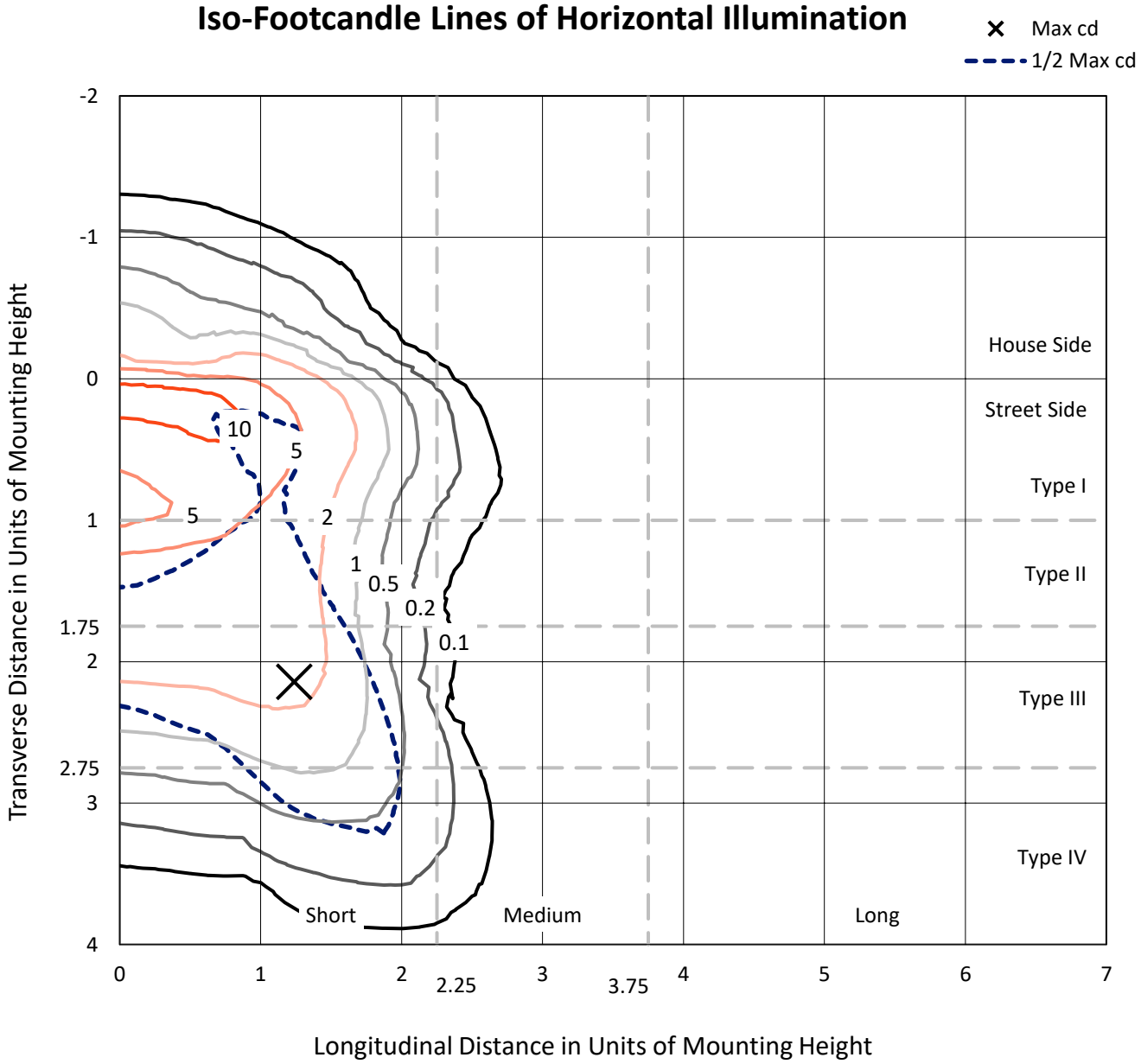
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 13.4 fc
Type IV - Short - N/A

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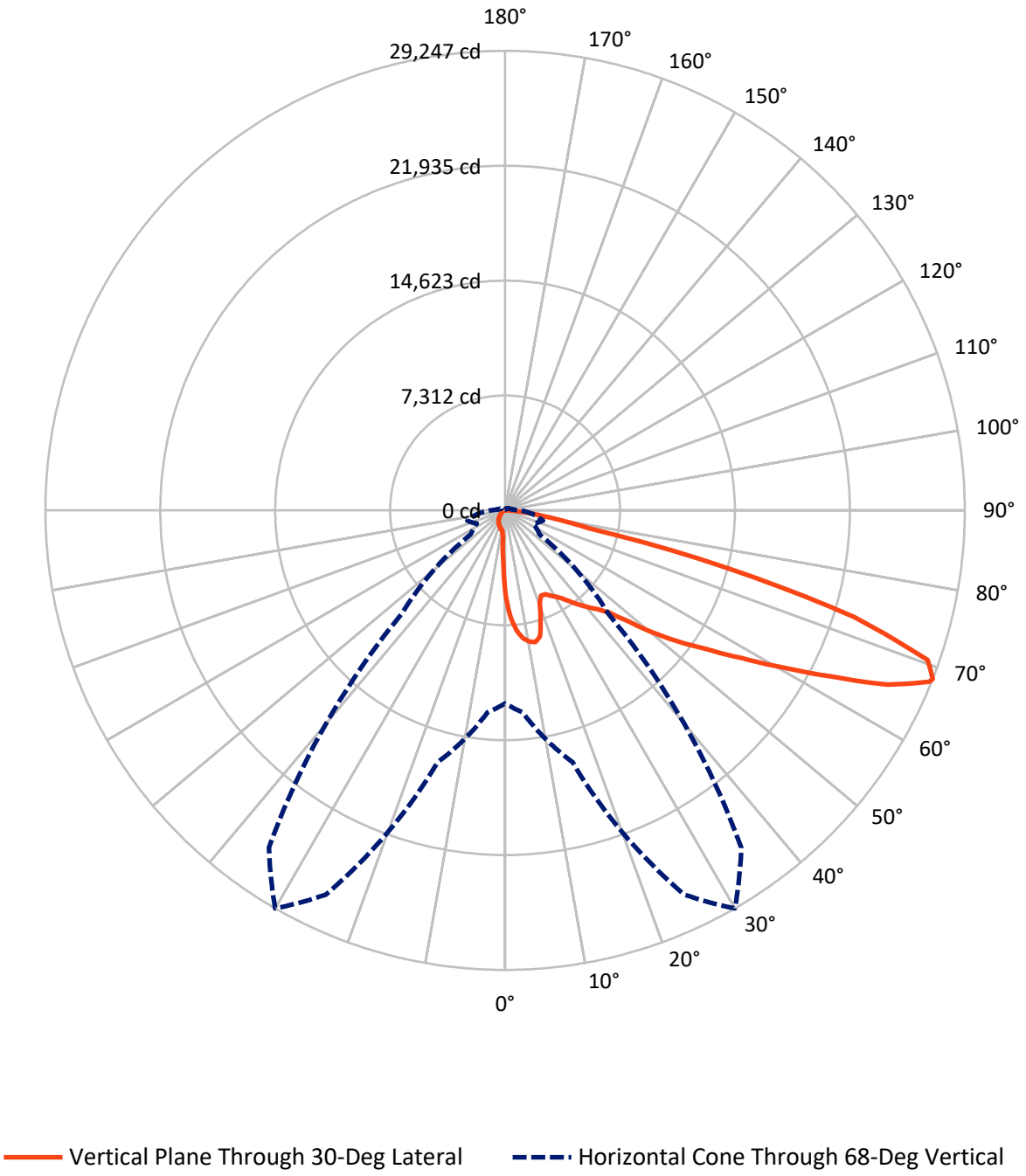
Luminous Intensity Polar Plot



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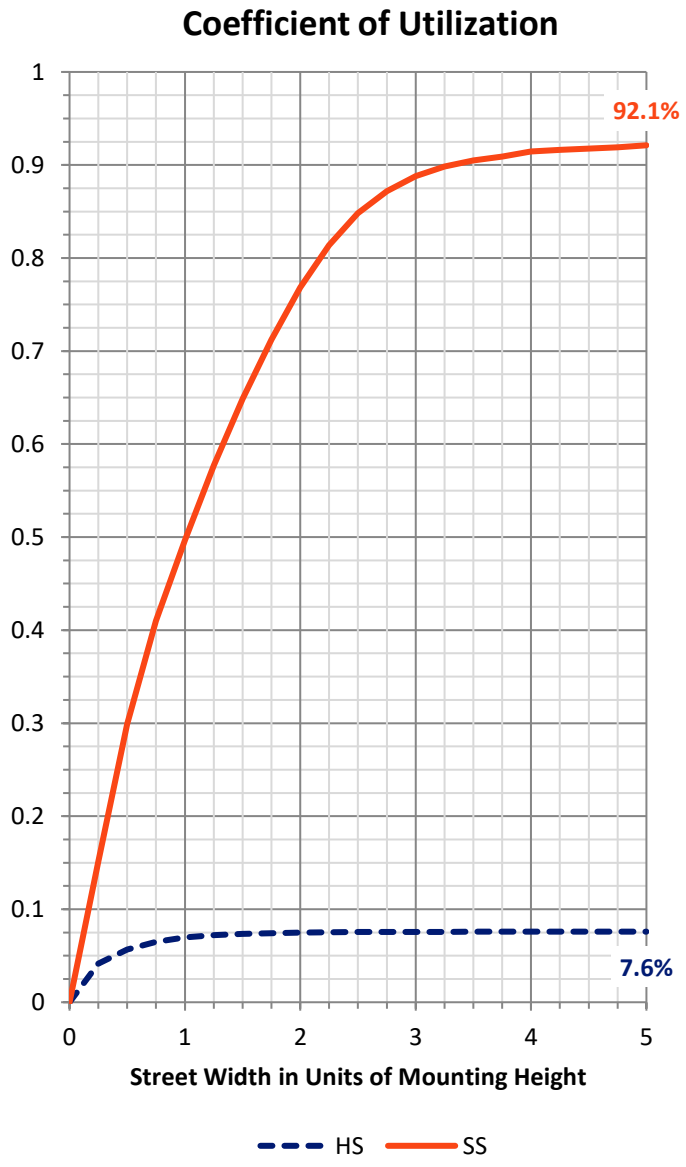
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2119.8	0.0	2119.8
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	25652.9	0.0	25652.9
	% Fixture	92.4	0.0	92.4
Total	Lumens	27772.7	0.0	27772.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	472.5	1.7
10°-20°	1349.1	4.9
20°-30°	2120.1	7.6
30°-40°	3325.2	12.0
40°-50°	4970.1	17.9
50°-60°	6611.9	23.8
60°-70°	6391.7	23.0
70°-80°	2297.6	8.3
80°-90°	234.5	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°	27772.7	100.0
0°-180°	27772.7	100.0



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REPORT NUMBER: P1459020
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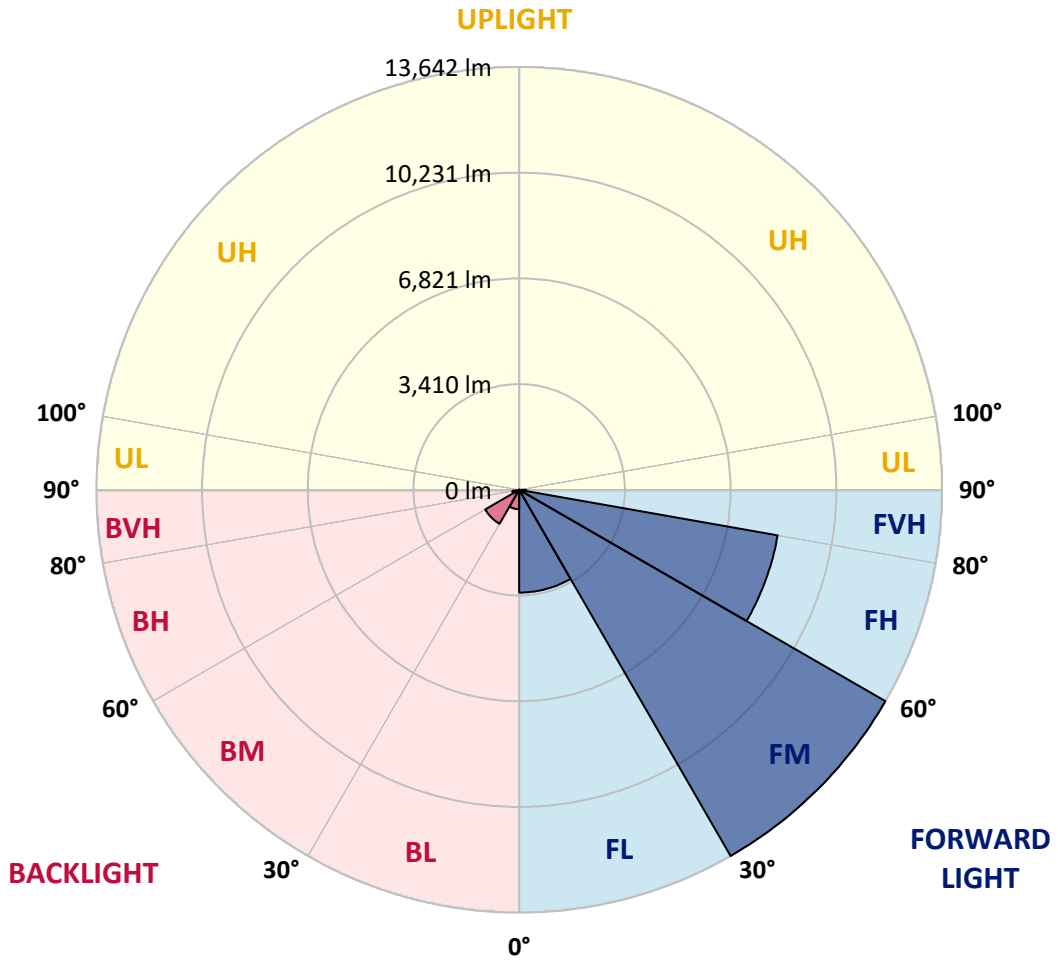
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3316.0	11.9			
FM	(30°-60°)	13641.9	49.1			
FH	(60°-80°)	8468.8	30.5			G4/12000
FVH	(80°-90°)	226.1	0.8			G3/500
BL	(0°-30°)	625.7	2.3	B2/1000		
BM	(30°-60°)	1265.3	4.6	B2/2500		
BH	(60°-80°)	220.5	0.8	B1/500		G1/500
BVH	(80°-90°)	8.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G4
Type IV Short



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REPORT NUMBER: P1459020
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	5476.4	5476.4	5476.4	5476.4	*5476.4*	5476.4	5476.4	5476.4	5476.4	5476.4	5476.4
2.5°	6999.5	6999.5	6949.6	6883.0	*6808.1*	6783.1	6641.6	6441.9	6233.8	5992.5	5642.9
5°	7898.4	7890.1	7790.2	7790.2	*7690.3*	7598.8	7457.3	7166.0	6833.1	6400.3	5792.7
7.5°	8297.9	8314.5	8272.9	8272.9	*8214.7*	8148.1	8064.8	7781.9	7390.7	6808.1	5942.5
10°	8439.4	8447.7	8447.7	8506.0	*8489.3*	8481.0	8472.7	8314.5	7906.7	7224.2	6100.7
12.5°	8098.1	8139.8	8256.3	8514.3	*8597.5*	8689.1	8813.9	8764.0	8481.0	7748.6	6342.0
15°	6999.5	7007.8	7332.4	7973.3	*8314.5*	8664.1	9146.8	9246.7	9063.6	8314.5	6591.7
17.5°	5776.1	5801.0	6059.0	6774.8	*7324.1*	8131.4	9338.2	9746.1	9679.5	8872.2	6824.7
20°	5268.4	5301.7	5426.5	5875.9	*6292.1*	7041.1	9146.8	10220.5	10245.4	9429.8	7041.1
22.5°	5151.8	5176.8	5276.7	5626.2	*5884.3*	6383.6	8497.6	10595.0	10886.3	10070.7	7299.1
25°	5118.6	5143.5	5293.3	5676.2	*5917.5*	6333.7	7906.7	10794.7	11643.7	10736.5	7548.8
27.5°	5093.6	5126.9	5368.2	5859.3	*6142.3*	6541.8	7798.5	10836.4	12367.8	11443.9	7956.6
30°	5126.9	5176.8	5493.1	6050.7	*6375.3*	6824.7	8056.5	10878.0	13166.8	12251.2	8472.7
32.5°	5260.0	5301.7	5684.5	6308.7	*6683.3*	7190.9	8497.6	11127.7	13924.1	13075.2	8963.7
35°	5409.9	5468.1	5925.9	6674.9	*7124.4*	7698.6	9096.9	11618.7	14648.2	13857.6	9471.4
37.5°	5593.0	5659.5	6208.8	7091.1	*7607.1*	8256.3	9746.1	12301.2	15289.1	14498.4	9979.1
40°	5842.6	5917.5	6533.4	7532.2	*8089.8*	8739.0	10386.9	12975.3	15780.1	14881.3	10312.0
42.5°	6824.7	6924.6	7182.6	7965.0	*8589.2*	9255.0	11019.5	13616.2	15963.2	15006.1	10378.6
45°	8655.8	8755.6	8689.1	8838.9	*9255.0*	9879.2	11710.3	14232.1	15988.2	14972.8	10345.3
47.5°	10495.1	10611.6	10553.4	10470.2	*10561.7*	10861.3	12484.3	14623.3	15855.0	14956.2	10345.3
50°	12251.2	12184.7	12193.0	12168.0	*12251.2*	12409.4	13233.3	14698.2	15821.7	15114.3	10436.9
52.5°	13191.7	13225.0	13433.1	13741.0	*13924.1*	14082.3	14090.6	14814.7	15580.4	14848.0	10328.7
55°	14115.6	14182.1	14664.9	15189.2	*15597.0*	15896.7	14947.8	14739.8	14140.5	13957.4	9762.7
57.5°	15155.9	15247.5	15929.9	17011.9	*17727.7*	17885.8	15796.8	13341.5	11968.3	12684.0	8664.1
60°	16587.4	16695.6	17602.8	19225.8	*20291.1*	19966.5	15863.4	11119.3	9504.7	10528.4	7149.3
62.5°	17711.0	17927.4	19567.0	22097.2	*23270.7*	22238.7	14623.3	8522.6	6641.6	7399.0	5218.4
65°	16512.5	16928.7	19600.3	25384.7	*26741.3*	24910.3	12675.7	5817.7	3745.3	4785.6	3337.5
67.5°	13349.9	13932.5	17403.1	26982.7	*29121.7*	26316.9	9979.1	3087.8	2147.3	2779.8	1756.1
68°	*12284.5*	*12917.1*	*16595.8*	*26982.7*	*29246.5*	*26192.0*	*9263.3*	*2671.6*	*1980.8*	*2496.9*	*1523.1*
70°	8489.3	8938.7	12758.9	25467.9	*28514.1*	23878.3	6100.7	1531.4	1489.8	1714.5	1007.1
72.5°	4161.4	4644.2	6824.7	20182.9	*23229.1*	18351.9	2779.8	1015.4	1131.9	1256.8	790.7
75°	1656.2	1756.1	2688.3	9954.1	*14515.1*	11710.3	1456.5	765.7	973.8	982.1	624.2
77.5°	948.8	1007.1	1489.8	3662.1	*5443.1*	5235.1	940.5	549.3	774.0	707.4	407.8
80°	532.7	541.0	840.6	1930.9	*3112.7*	2788.2	640.9	399.5	590.9	499.4	274.7
82.5°	266.3	299.6	532.7	1065.3	*1731.2*	1772.8	341.2	283.0	474.4	357.9	224.7
85°	191.4	208.1	382.9	590.9	*799.0*	1198.5	208.1	141.5	357.9	241.4	158.1
87.5°	99.9	124.8	241.4	291.3	*324.6*	407.8	99.9	66.6	199.7	141.5	83.2
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: P1459020
CATALOG NUMBER: GLAN-SB7B-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5476.4	5476.4	5476.4	5476.4	5476.4	5476.4	5476.4	5476.4	5476.4	5476.4	5476.4
2.5°	5476.4	5285.0	4893.8	4436.1	4078.2	3712.0	3412.4	3129.4	2996.2	2979.6	3012.9
5°	5451.5	5035.3	4144.8	3270.9	2555.1	2055.7	1781.1	1639.6	1564.7	1531.4	1539.7
7.5°	5401.5	4769.0	3345.8	2213.9	1656.2	1439.9	1373.3	1348.3	1340.0	1340.0	1340.0
10°	5351.6	4411.1	2563.4	1623.0	1356.6	1298.4	1281.7	1281.7	1273.4	1273.4	1281.7
12.5°	5326.6	4078.2	1989.2	1356.6	1265.1	1240.1	1223.5	1215.1	1215.1	1215.1	1223.5
15°	5268.4	3712.0	1606.3	1256.8	1206.8	1173.5	1165.2	1156.9	1156.9	1156.9	1156.9
17.5°	5218.4	3354.1	1398.2	1190.2	1148.6	1115.3	1106.9	1098.6	1098.6	1106.9	1106.9
20°	5143.5	3012.9	1256.8	1123.6	1090.3	1057.0	1048.7	1040.4	1048.7	1048.7	1048.7
22.5°	5052.0	2729.9	1173.5	1073.6	1032.0	998.7	998.7	998.7	998.7	998.7	1007.1
25°	4993.7	2530.1	1115.3	1015.4	973.8	948.8	940.5	940.5	957.1	957.1	965.5
27.5°	5085.3	2480.2	1123.6	998.7	923.8	898.9	890.5	890.5	907.2	915.5	923.8
30°	5359.9	2571.8	1223.5	1048.7	890.5	848.9	840.6	840.6	865.6	873.9	882.2
32.5°	5676.2	2763.2	1373.3	1115.3	865.6	799.0	782.3	782.3	807.3	815.6	824.0
35°	6109.0	3062.8	1573.0	1173.5	882.2	749.1	715.8	715.8	732.4	749.1	757.4
37.5°	6666.6	3553.9	1806.1	1215.1	882.2	690.8	649.2	640.9	657.5	657.5	665.8
40°	7249.2	4194.7	2047.4	1215.1	840.6	632.5	590.9	566.0	574.3	566.0	574.3
42.5°	7573.8	4710.7	2255.5	1140.2	790.7	574.3	532.7	499.4	491.0	474.4	482.7
45°	7756.9	4943.8	2197.2	1057.0	740.7	532.7	482.7	441.1	424.5	399.5	399.5
47.5°	7756.9	4968.7	1881.0	990.4	690.8	499.4	432.8	391.2	366.2	341.2	349.6
50°	7665.3	4744.0	1489.8	923.8	632.5	466.1	391.2	357.9	324.6	307.9	307.9
52.5°	7282.5	4011.6	1140.2	840.6	566.0	424.5	349.6	316.3	283.0	274.7	274.7
55°	6625.0	2946.3	923.8	757.4	507.7	391.2	316.3	291.3	258.0	241.4	241.4
57.5°	5384.9	2014.1	765.7	682.5	449.4	349.6	283.0	258.0	216.4	199.7	199.7
60°	3995.0	1315.0	649.2	599.2	382.9	316.3	249.7	216.4	183.1	166.5	158.1
62.5°	2696.6	890.5	541.0	474.4	324.6	274.7	216.4	183.1	141.5	108.2	108.2
65°	1681.2	690.8	449.4	374.5	283.0	241.4	183.1	141.5	99.9	74.9	66.6
67.5°	965.5	557.6	366.2	291.3	241.4	191.4	141.5	116.5	83.2	58.3	49.9
68°	*890.5*	*532.7*	*341.2*	*274.7*	*224.7*	*183.1*	*133.2*	*108.2*	*74.9*	*49.9*	*49.9*
70°	724.1	474.4	291.3	224.7	191.4	149.8	116.5	91.6	58.3	33.3	33.3
72.5°	640.9	399.5	249.7	174.8	133.2	124.8	91.6	66.6	41.6	25.0	16.6
75°	524.3	316.3	199.7	133.2	91.6	91.6	66.6	41.6	16.6	0.0	0.0
77.5°	341.2	233.0	158.1	83.2	49.9	58.3	41.6	16.6	0.0	0.0	0.0
80°	224.7	174.8	108.2	41.6	25.0	25.0	8.3	0.0	0.0	0.0	0.0
82.5°	158.1	116.5	66.6	16.6	8.3	8.3	0.0	0.0	0.0	0.0	0.0
85°	99.9	49.9	25.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.6	16.6	8.3	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

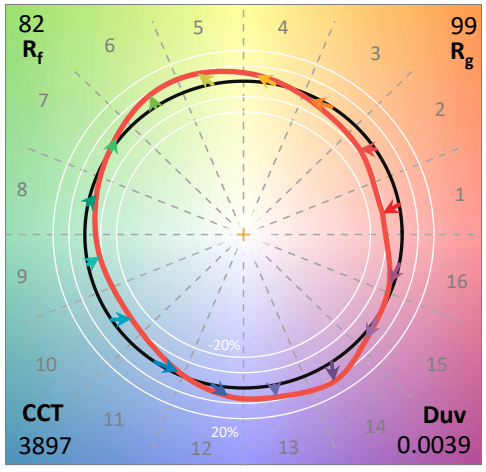
Test Information

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

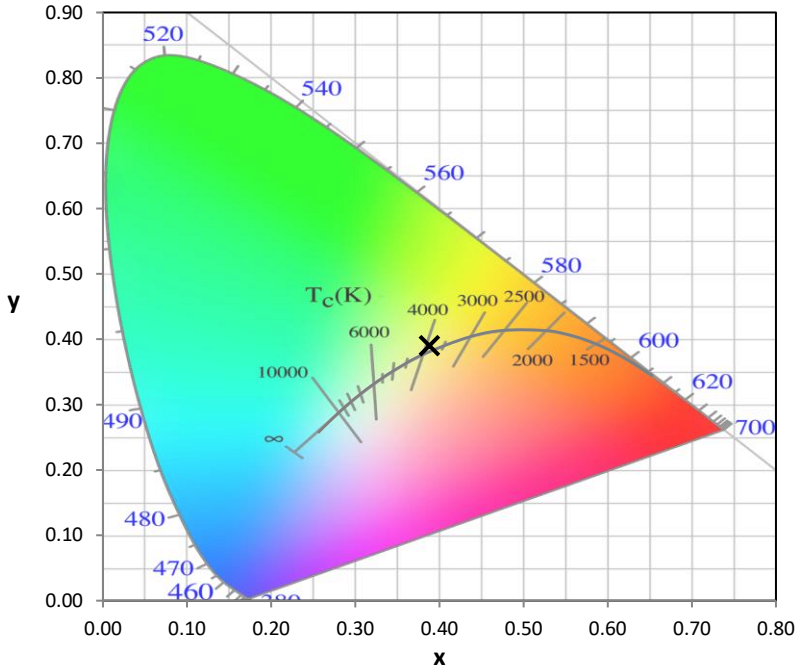
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

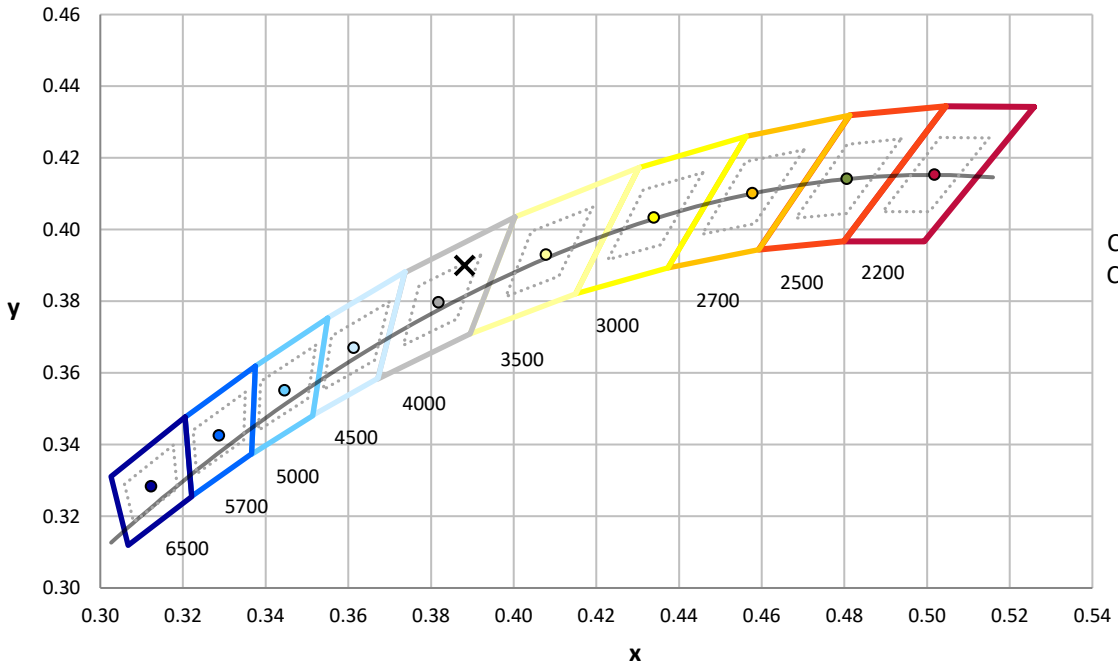
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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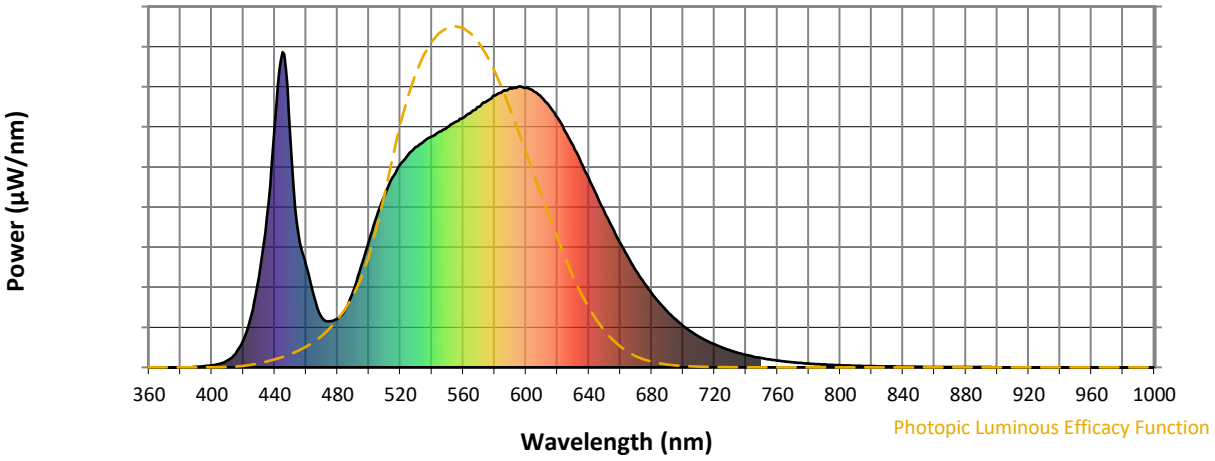
Photopic Flux vs. Wavelength



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	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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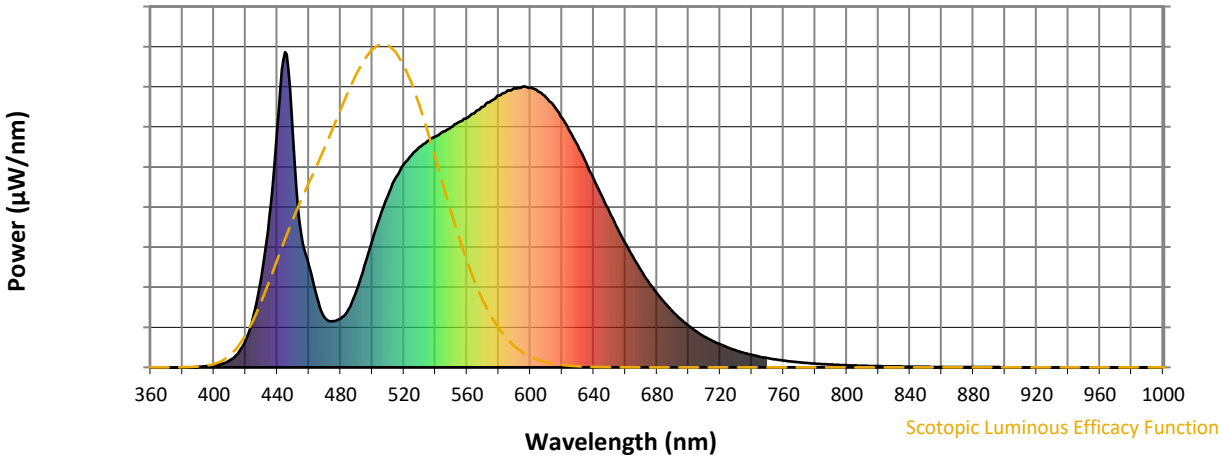
Scotopic Flux vs. Wavelength



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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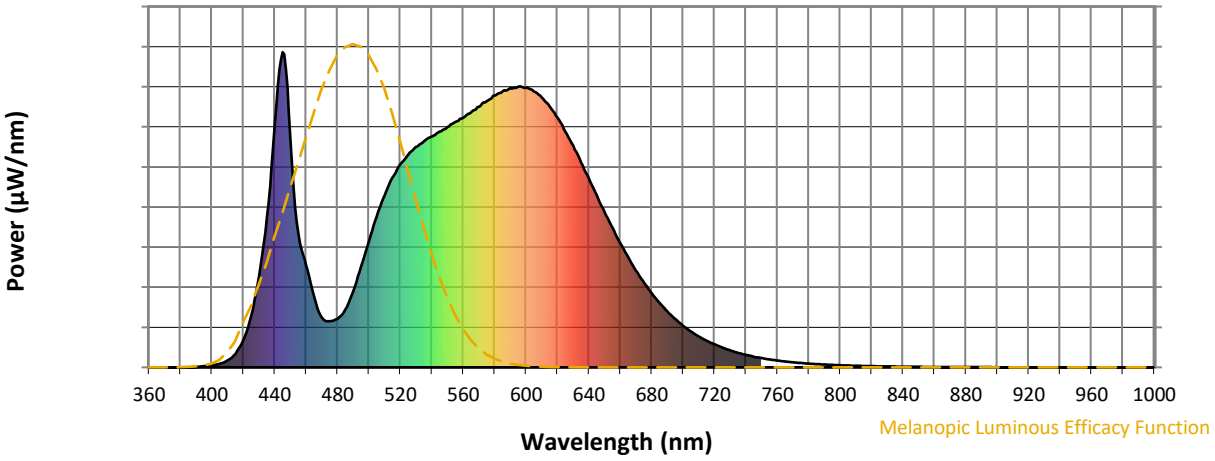
Melanopic Flux vs. Wavelength



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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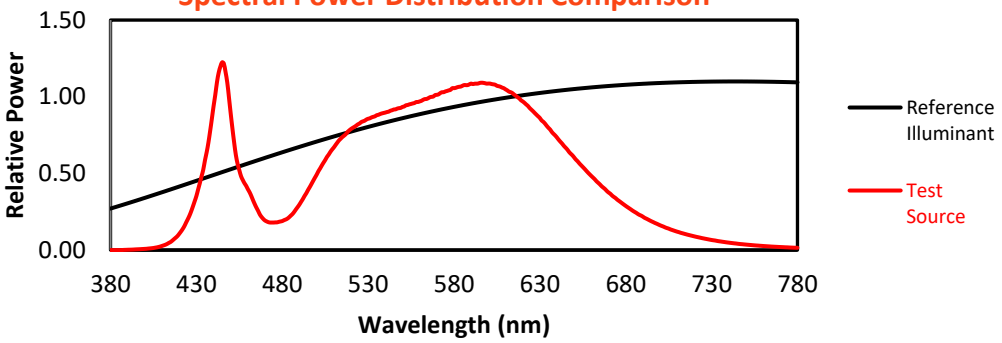
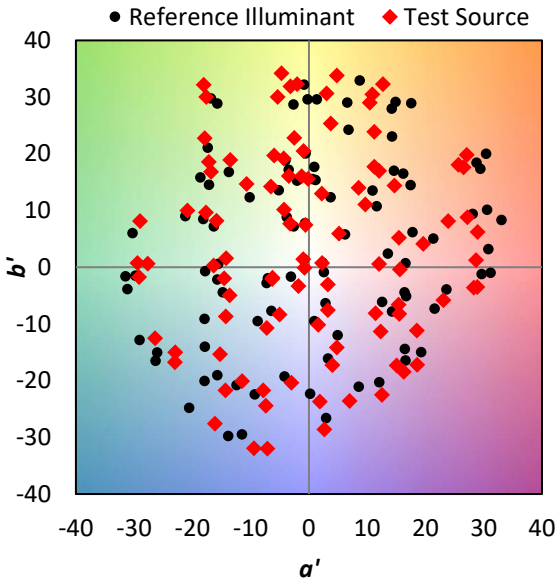
Summary

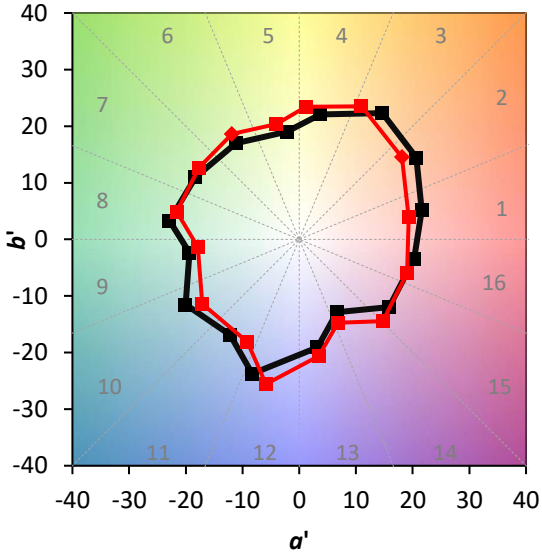
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

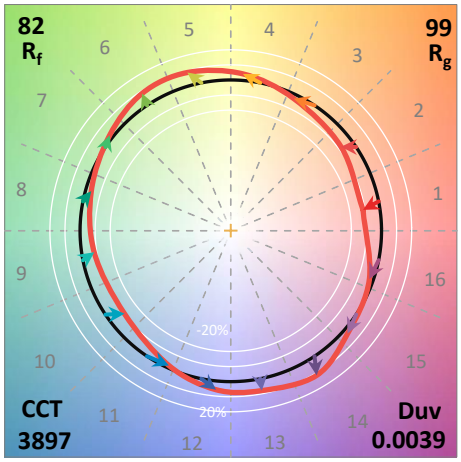
Spectral Power Distribution Comparison

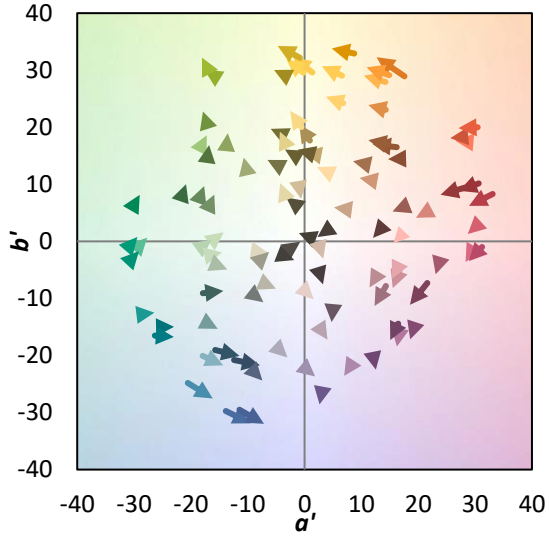


Color Vector Graphics









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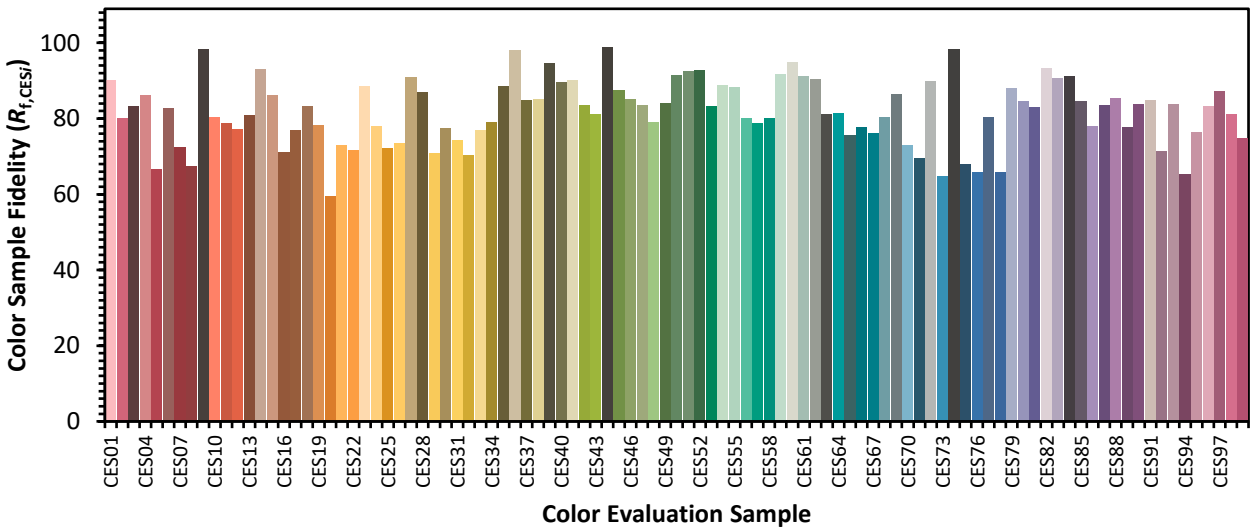
Individual Sample Fidelity Index ($R_{f,i}$)

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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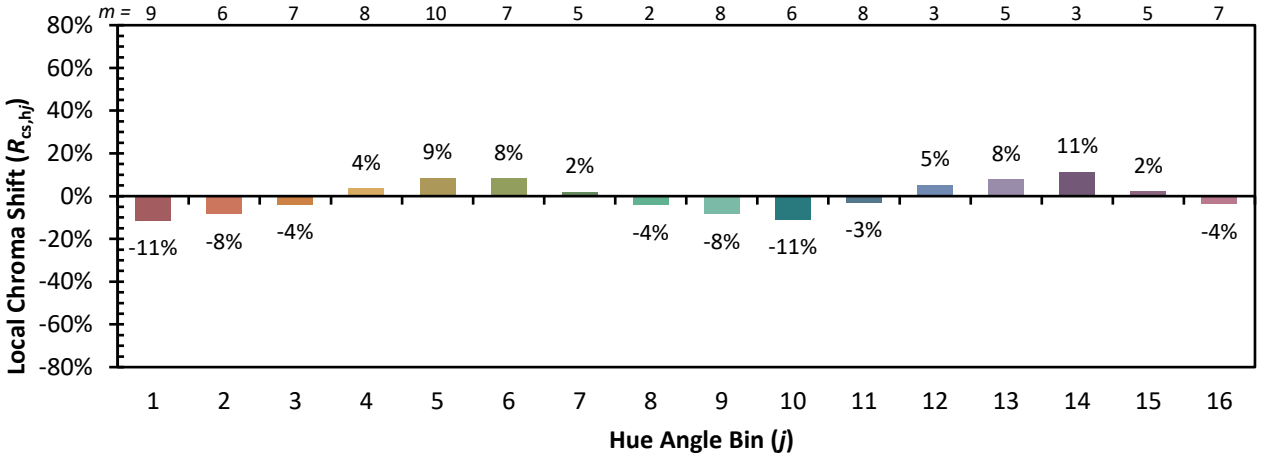
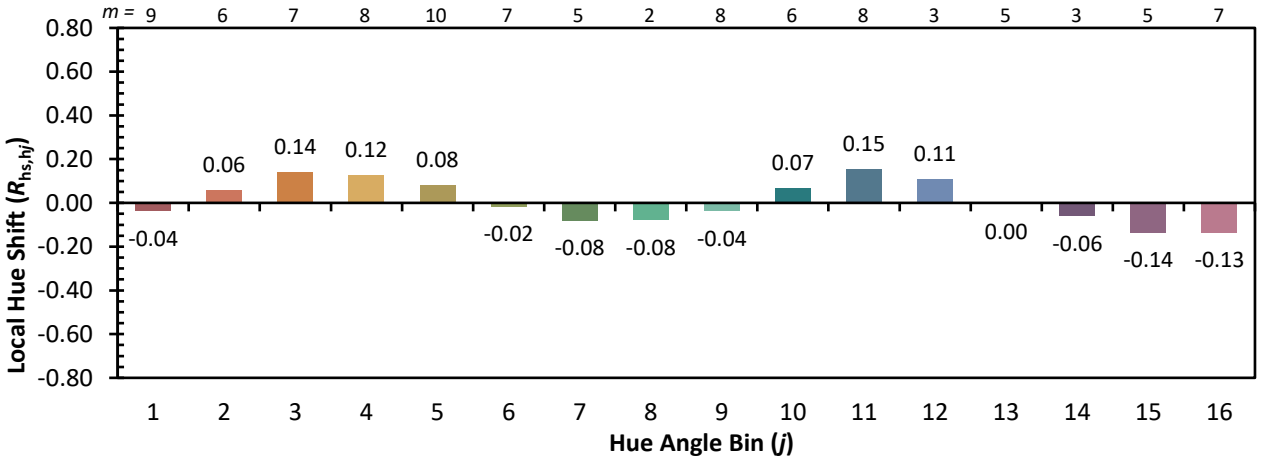
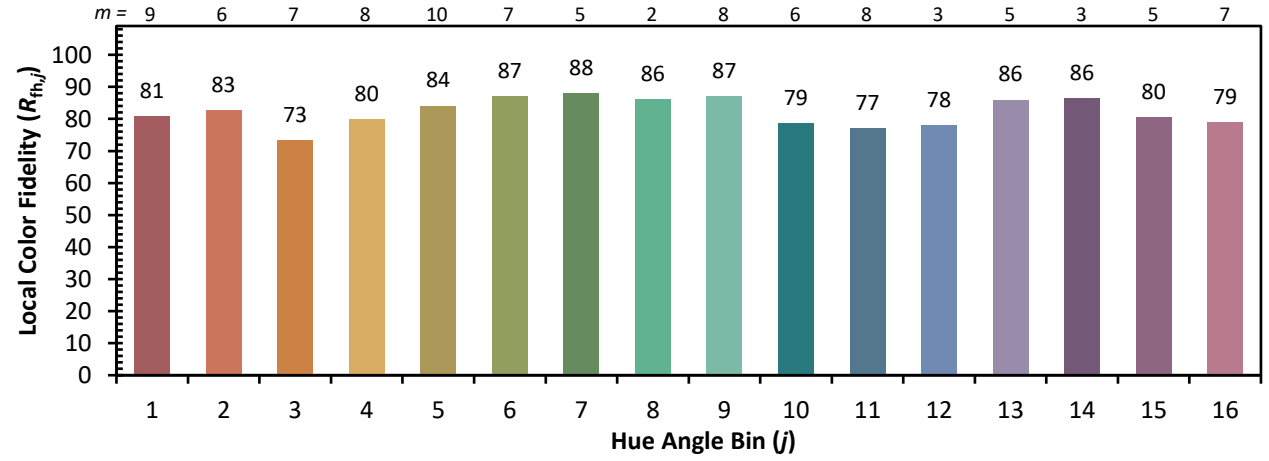
Color Rendition by Hue-Angle Bin







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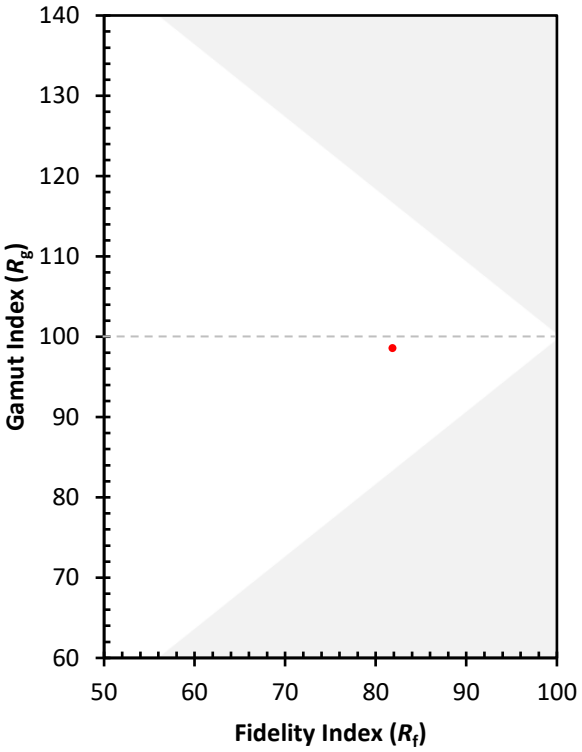
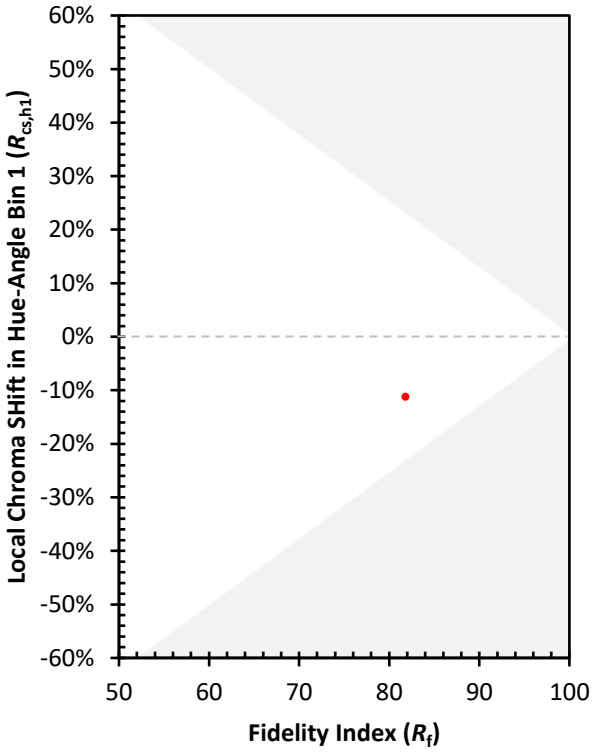
Measure Comparisons





(END OF REPORT)