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: P1458444

Luminaire Tested: GLAN-SB7B-840-U-T3LG-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:	P1458444
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7B-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III 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:	29273.4 lumens
Efficiency:	N/A
Efficacy:	114.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - 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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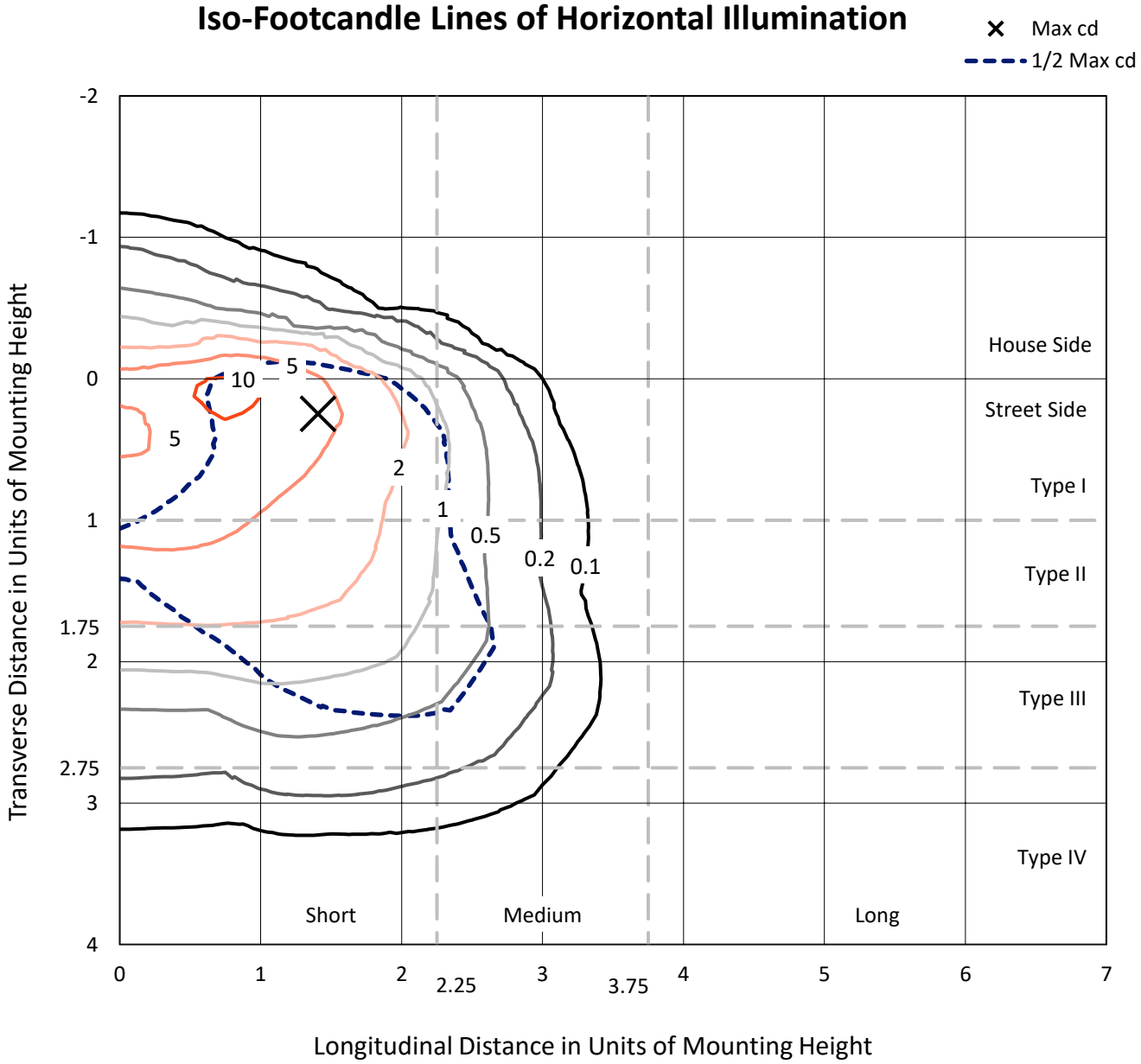
REPORT NUMBER: P1458444
CATALOG NUMBER: GLAN-SB7B-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 11.6 fc
Type III - Short - N/A

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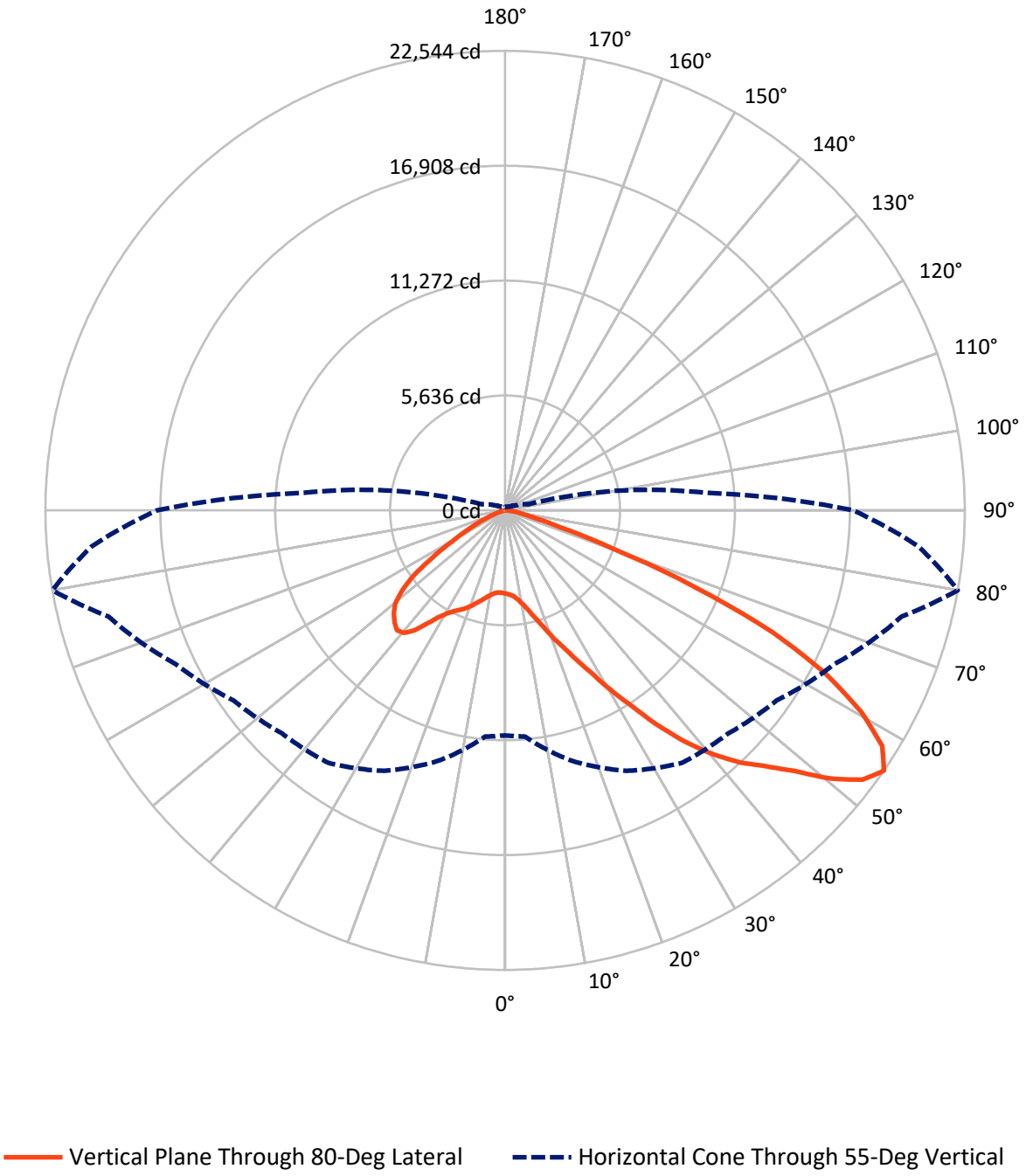
Luminous Intensity Polar Plot



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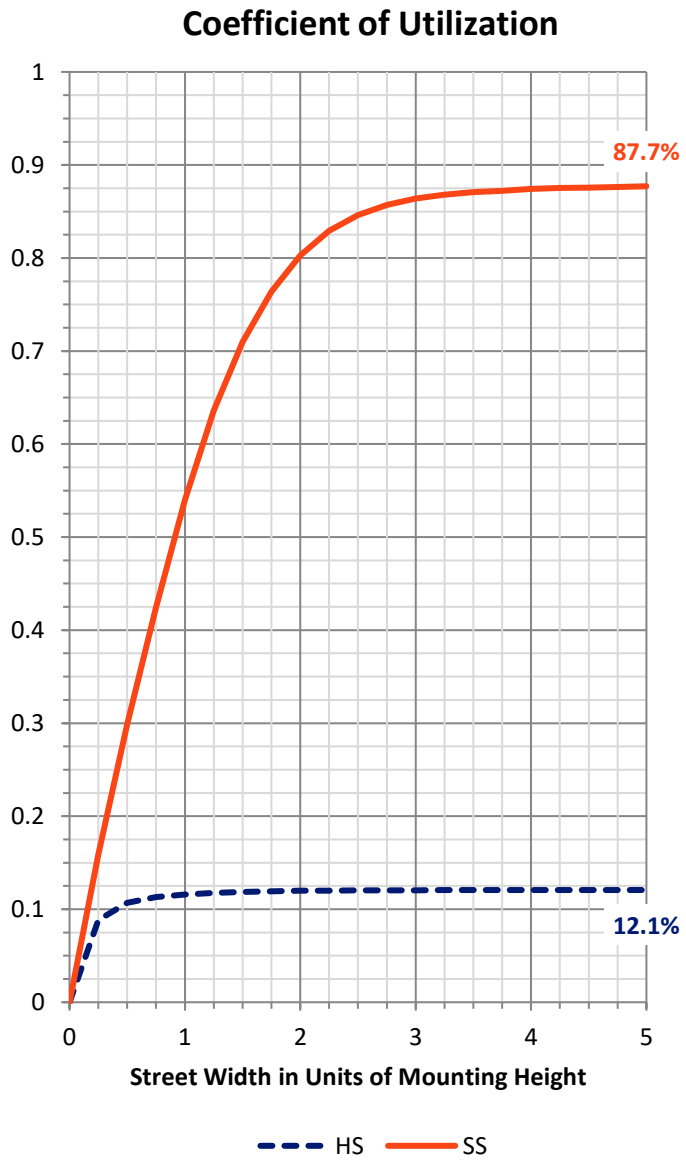
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3558.5	0.0	3558.5
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	25714.9	0.0	25714.9
	% Fixture	87.8	0.0	87.8
Total	Lumens	29273.4	0.0	29273.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	342.2	1.2
10°-20°	902.2	3.1
20°-30°	1766.2	6.0
30°-40°	3593.2	12.3
40°-50°	6057.6	20.7
50°-60°	7739.8	26.4
60°-70°	6608.0	22.6
70°-80°	2111.6	7.2
80°-90°	152.5	0.5
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°	29273.4	100.0
0°-180°	29273.4	100.0



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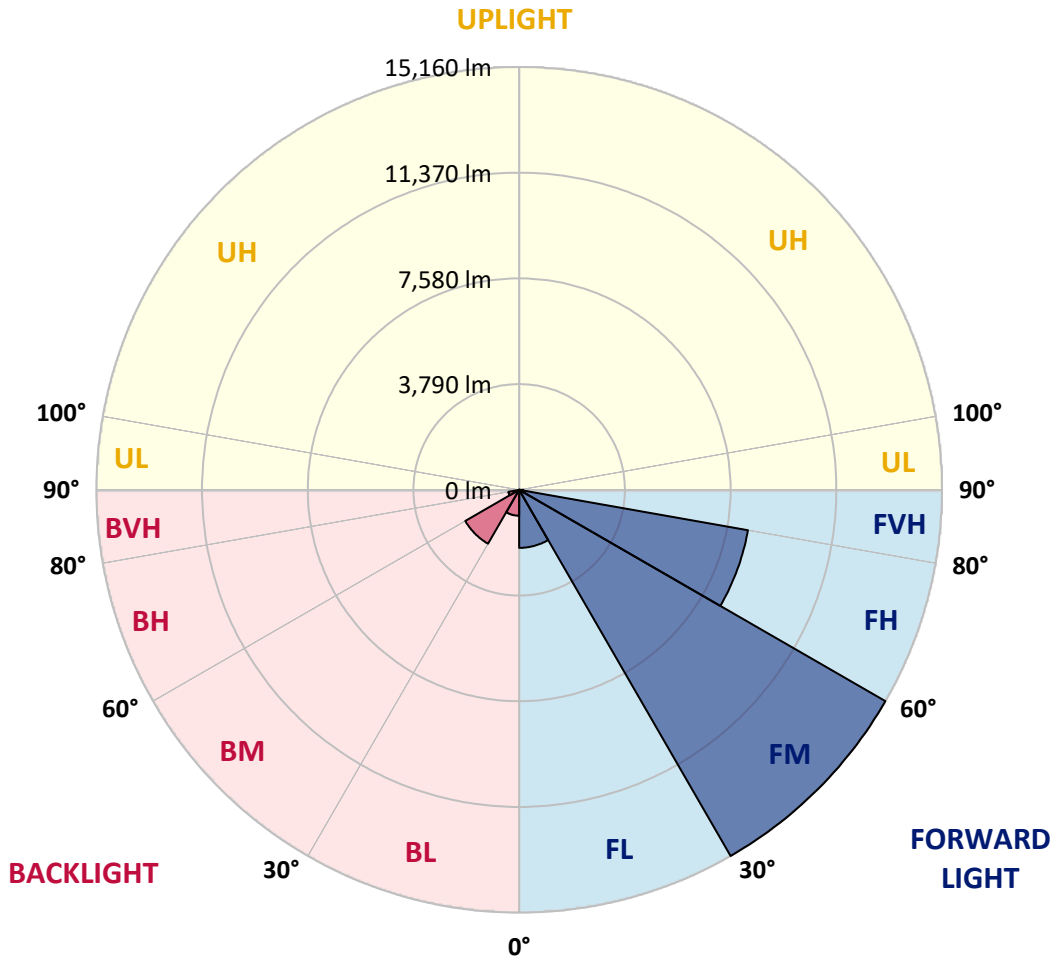
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2081.4	7.1			
FM	(30°-60°)	15160.5	51.8			
FH	(60°-80°)	8328.5	28.5			G4/12000
FVH	(80°-90°)	144.5	0.5			G2/225
BL	(0°-30°)	929.2	3.2	B2/1000		
BM	(30°-60°)	2230.2	7.6	B2/2500		
BH	(60°-80°)	391.1	1.3	B1/500		G1/500
BVH	(80°-90°)	7.9	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 III Short



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REPORT NUMBER: P1458444
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	*4077.7*	4077.7
2.5°	4102.7	4111.0	4102.7	4111.0	4127.7	4119.4	4152.6	4144.3	4144.3	*4136.0*	4102.7
5°	3869.7	3878.0	3894.7	3936.3	3994.5	4052.8	4127.7	4177.6	4227.5	*4219.2*	4185.9
7.5°	3412.0	3428.6	3495.2	3578.4	3769.8	3944.6	4136.0	4260.8	4369.0	*4402.3*	4377.3
10°	3154.0	3170.7	3212.3	3295.5	3470.2	3761.5	4136.0	4394.0	4585.4	*4652.0*	4660.3
12.5°	3129.0	3137.4	3170.7	3262.2	3412.0	3661.6	4127.7	4568.7	4893.3	*4993.2*	5026.4
15°	3145.7	3162.3	3195.6	3270.5	3445.3	3728.2	4194.2	4843.4	5301.1	*5442.5*	5450.9
17.5°	3212.3	3228.9	3270.5	3353.7	3545.1	3903.0	4402.3	5126.3	5792.1	*5950.2*	6041.7
20°	3345.4	3353.7	3403.7	3511.9	3728.2	4119.4	4710.2	5509.1	6382.9	*6615.9*	6682.5
22.5°	3520.2	3545.1	3611.7	3744.9	4019.5	4418.9	5134.6	5975.1	7032.0	*7273.4*	7389.9
25°	3711.6	3744.9	3844.7	4061.1	4410.6	4876.6	5658.9	6591.0	7797.6	*8088.9*	8247.0
27.5°	4102.7	4111.0	4177.6	4452.2	4901.6	5475.8	6324.7	7381.5	8696.4	*9037.6*	9212.4
30°	4959.9	4968.2	4909.9	4984.8	5442.5	6183.2	7106.9	8305.3	9745.0	*10219.3*	10360.8
32.5°	6008.4	6050.0	6041.7	5991.8	6199.8	6890.5	8039.0	9412.1	10976.6	*11475.9*	11609.1
35°	7198.5	7298.3	7273.4	7256.7	7281.7	7797.6	9104.2	10635.4	12374.7	*12982.2*	13090.4
37.5°	8363.5	8388.5	8505.0	8646.5	8663.1	9021.0	10335.8	11933.6	13672.9	*14446.9*	14613.3
40°	9262.3	9345.5	9636.8	9919.7	10211.0	10493.9	11351.1	12982.2	14704.8	*15745.1*	15820.0
42.5°	9961.3	10161.1	10585.5	11026.5	11617.4	11933.6	12316.4	13722.8	15545.3	*16901.8*	16868.5
45°	10810.2	10893.4	11492.6	12075.1	12674.3	13157.0	13148.6	14347.0	16202.8	*17892.1*	17684.1
47.5°	11384.4	11484.2	12299.8	12982.2	13598.0	13839.4	13889.3	15021.1	17109.9	*19090.5*	18599.5
50°	11692.3	11867.1	12757.5	13623.0	14288.7	14363.6	14588.3	15903.2	18299.9	*20680.0*	19756.2
52.5°	11725.6	11892.0	12915.6	14030.8	14754.8	14904.6	15287.4	16901.8	19456.6	*21953.2*	20422.0
55°	*11034.9*	*11134.7*	*12724.2*	*14097.3*	*15120.9*	*15470.4*	*16252.7*	*17825.6*	*20130.7*	*22544.1*	*20363.7*
57.5°	10385.8	10485.6	11867.1	13980.8	15495.4	16211.1	17284.6	18458.0	19606.4	*21811.8*	19065.5
60°	9828.2	9878.1	11134.7	13439.9	15636.9	16935.1	18175.1	17833.9	18250.0	*20055.8*	16843.6
62.5°	8779.6	8812.9	10302.5	12466.2	15353.9	17492.7	18483.0	16510.7	16760.3	*17634.1*	14230.5
65°	6632.6	6757.4	8122.2	11733.9	14887.9	17750.7	17767.3	14896.2	14638.3	*14430.2*	11193.0
67.5°	4502.2	4643.6	5467.5	10552.2	14130.6	17858.8	16377.5	12807.4	11151.4	*10077.8*	7331.6
70°	3595.1	3595.1	3878.0	8480.0	12333.1	16477.4	14654.9	9670.1	7082.0	*5567.4*	3927.9
72.5°	2363.4	2371.7	2638.0	5384.3	8746.3	12566.1	11950.3	5592.3	3678.3	*2837.8*	1939.0
75°	857.2	857.2	1156.7	2155.4	4627.0	7481.4	7281.7	2671.3	1997.3	*1547.9*	1173.4
77.5°	457.7	474.3	557.6	890.4	1772.6	3045.8	2846.1	1364.8	1131.8	*965.3*	732.3
80°	307.9	316.2	374.5	549.2	857.2	1173.4	915.4	765.6	765.6	*649.1*	491.0
82.5°	166.4	174.8	249.7	357.8	457.7	549.2	441.1	449.4	540.9	*441.1*	282.9
85°	116.5	116.5	191.4	258.0	258.0	266.3	191.4	282.9	316.2	*274.6*	191.4
87.5°	66.6	66.6	108.2	124.8	124.8	116.5	58.3	99.9	124.8	*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: P1458444
CATALOG NUMBER: GLAN-SB7B-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7	4077.7
2.5°	4094.4	4069.4	4019.5	3919.6	3869.7	3803.1	3744.9	3670.0	3653.3	3645.0	3611.7
5°	4161.0	4111.0	3961.2	3744.9	3561.8	3387.0	3212.3	3112.4	3029.2	2987.6	2979.2
7.5°	4327.4	4227.5	3952.9	3570.1	3228.9	2929.3	2671.3	2446.6	2330.1	2230.3	2238.6
10°	4577.1	4418.9	3969.6	3403.7	2896.0	2413.4	2038.9	1714.3	1481.3	1373.1	1364.8
12.5°	4909.9	4685.2	4027.8	3237.2	2488.3	1814.2	1339.8	1148.4	1098.5	1090.2	1081.8
15°	5317.7	5001.5	4086.1	3020.9	1939.0	1256.6	1090.2	1048.6	1040.2	1031.9	1031.9
17.5°	5808.7	5367.6	4119.4	2654.7	1414.7	1081.8	1023.6	998.6	990.3	982.0	982.0
20°	6424.5	5775.4	4161.0	2188.7	1198.4	1040.2	973.7	940.4	932.1	932.1	923.7
22.5°	7032.0	6233.1	4127.7	1780.9	1156.7	990.3	915.4	882.1	865.5	865.5	857.2
25°	7731.1	6699.1	4027.8	1606.1	1148.4	948.7	857.2	807.2	782.3	773.9	773.9
27.5°	8530.0	7231.7	3869.7	1614.5	1148.4	915.4	782.3	715.7	699.0	682.4	682.4
30°	9445.4	7880.9	3753.2	1722.6	1165.1	882.1	715.7	632.5	607.5	590.9	599.2
32.5°	10493.9	8604.9	3744.9	1897.4	1190.0	832.2	640.8	549.2	524.3	516.0	524.3
35°	11684.0	9503.6	3936.3	2030.5	1123.5	724.0	549.2	474.3	449.4	449.4	457.7
37.5°	13007.2	10535.6	4194.2	1997.3	907.1	574.2	474.3	416.1	391.1	399.5	407.8
40°	14213.8	11342.8	4235.9	1706.0	682.4	491.0	407.8	366.2	349.5	357.8	366.2
42.5°	15129.2	11991.9	3836.4	1323.2	574.2	416.1	349.5	316.2	307.9	324.6	324.6
45°	15869.9	12249.9	3203.9	982.0	507.6	357.8	307.9	291.3	274.6	282.9	282.9
47.5°	16643.8	12291.5	2613.1	790.6	449.4	324.6	282.9	266.3	249.7	249.7	249.7
50°	17392.8	12191.6	1997.3	699.0	416.1	291.3	258.0	241.3	224.7	216.4	216.4
52.5°	17575.9	11392.7	1464.7	649.1	382.8	274.6	241.3	224.7	208.0	199.7	199.7
55°	*17068.3*	*9878.1*	*1148.4*	*582.5*	*349.5*	*249.7*	*224.7*	*208.0*	*183.1*	*174.8*	*174.8*
57.5°	15395.6	7531.3	915.4	499.3	316.2	241.3	208.0	191.4	166.4	158.1	158.1
60°	13223.5	5342.7	740.7	407.8	291.3	216.4	191.4	166.4	149.8	133.2	133.2
62.5°	10818.5	3836.4	599.2	341.2	274.6	191.4	174.8	149.8	116.5	91.5	91.5
65°	8297.0	2754.6	466.0	274.6	249.7	166.4	149.8	124.8	91.5	66.6	66.6
67.5°	5367.6	1780.9	349.5	241.3	191.4	141.5	116.5	99.9	83.2	58.3	49.9
70°	2829.5	1040.2	258.0	208.0	141.5	108.2	99.9	83.2	66.6	41.6	41.6
72.5°	1464.7	682.4	191.4	183.1	108.2	74.9	83.2	66.6	49.9	25.0	25.0
75°	940.4	457.7	141.5	149.8	66.6	58.3	58.3	41.6	25.0	16.6	8.3
77.5°	607.5	307.9	99.9	124.8	41.6	33.3	33.3	16.6	8.3	0.0	0.0
80°	357.8	191.4	66.6	83.2	16.6	16.6	8.3	0.0	0.0	0.0	0.0
82.5°	183.1	99.9	33.3	33.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	116.5	49.9	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	58.3	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

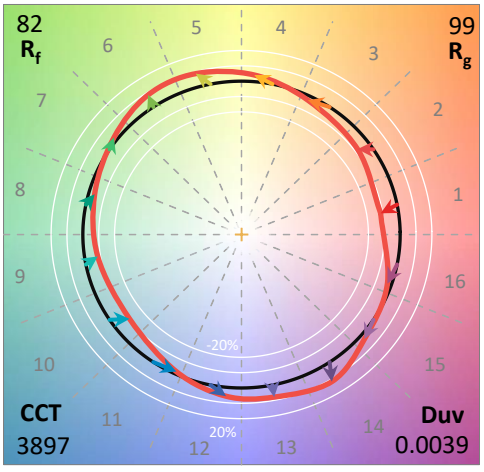
Test Information

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

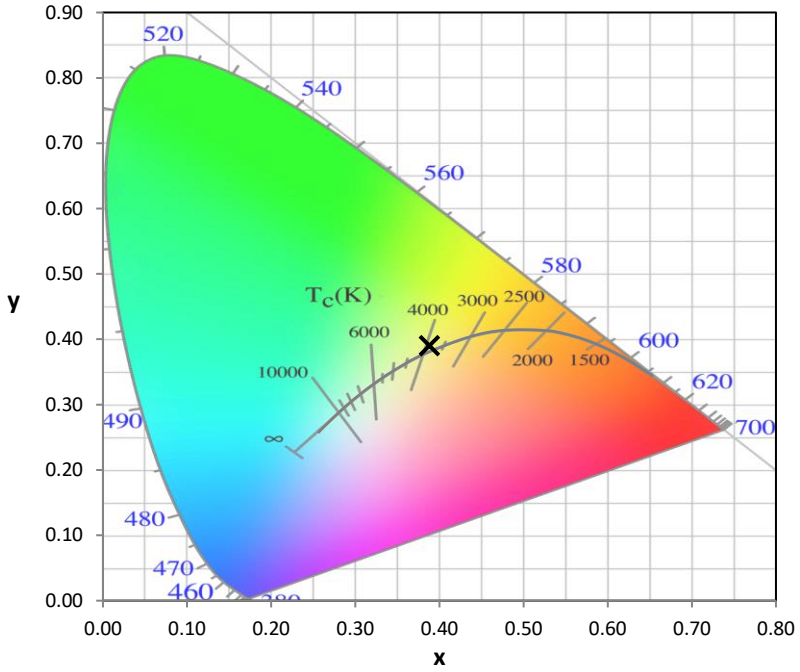
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

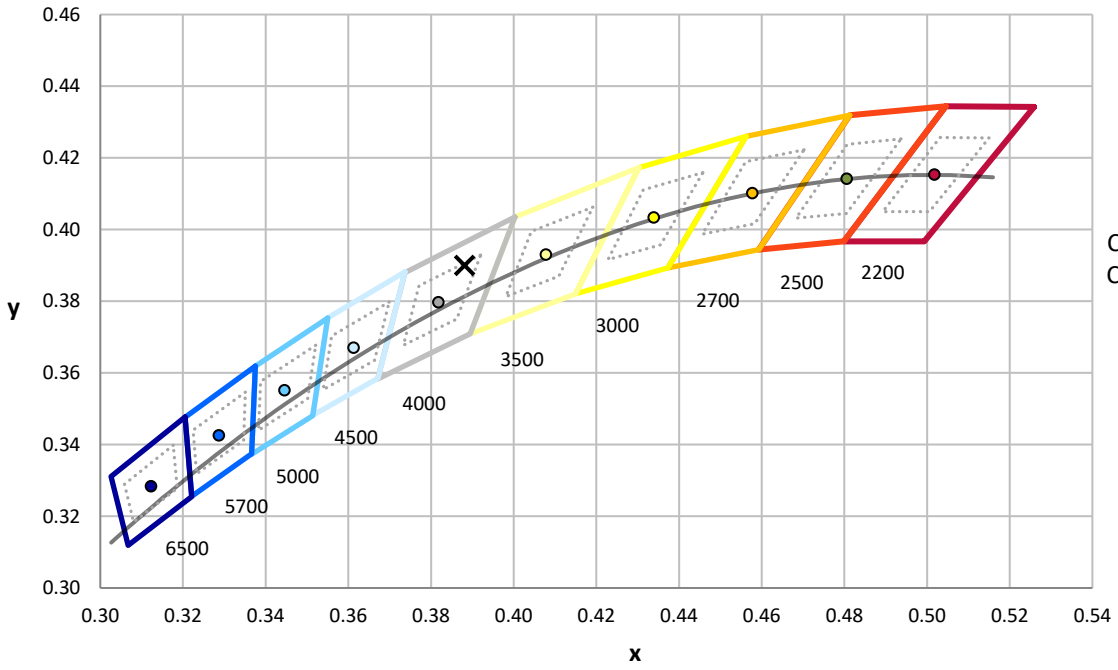
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

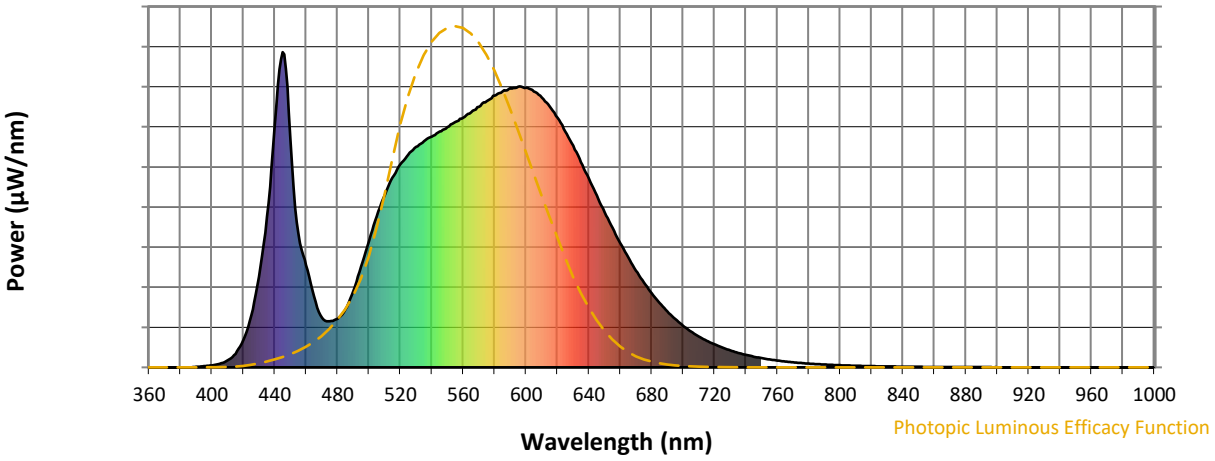


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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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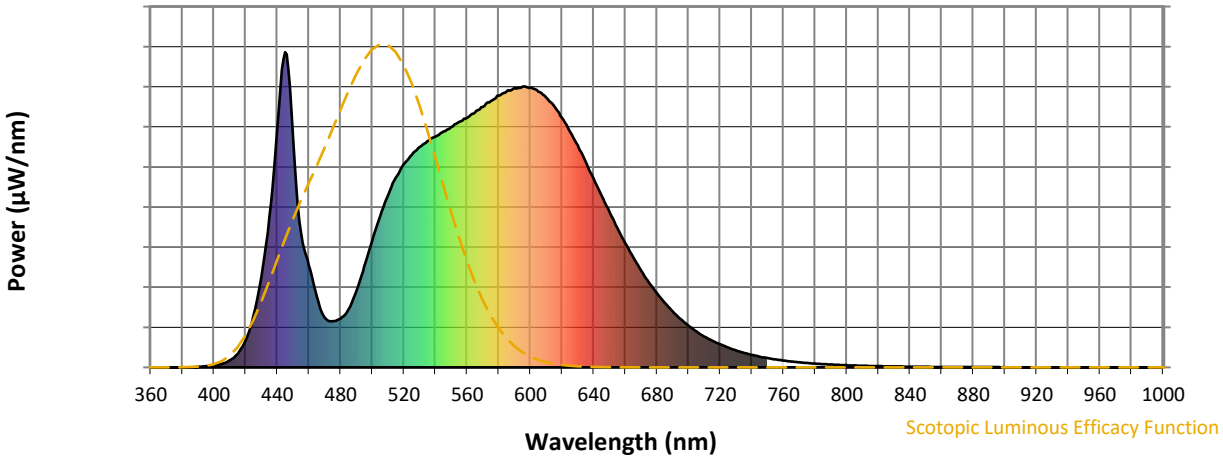
Scotopic Flux vs. Wavelength



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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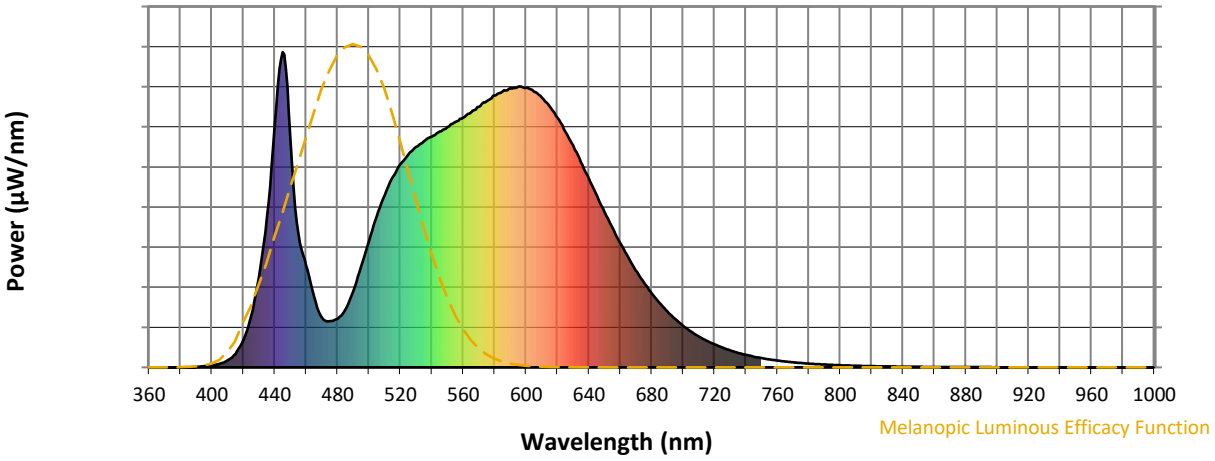
Melanopic Flux vs. Wavelength



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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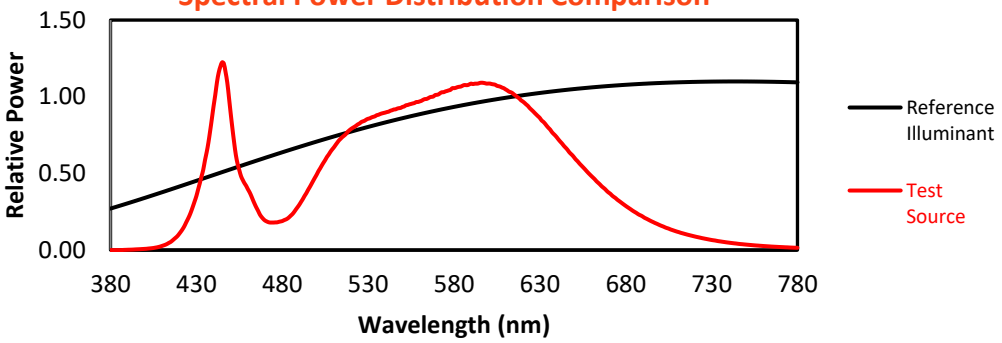
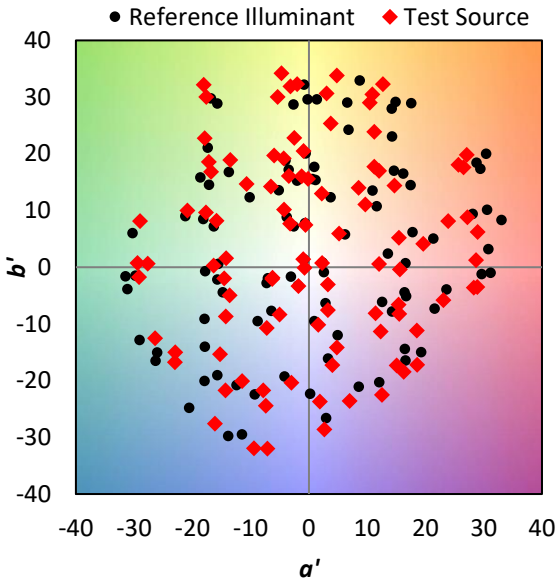
Summary

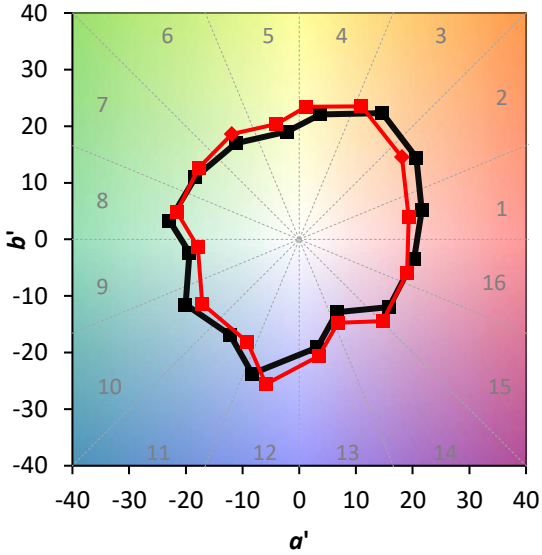
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

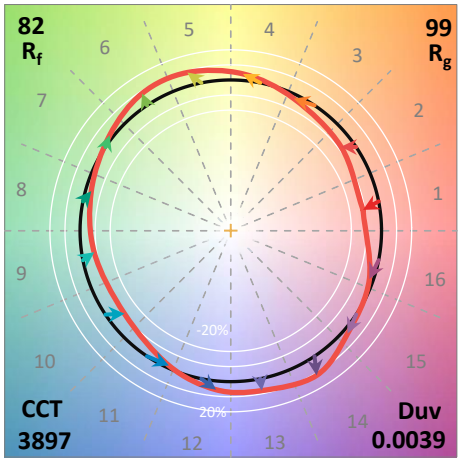
Spectral Power Distribution Comparison

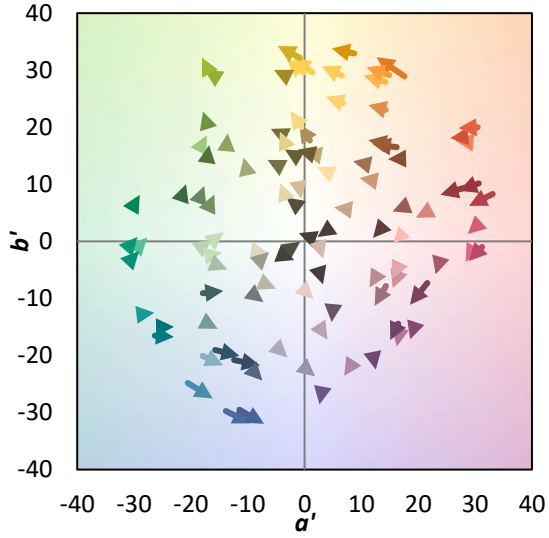


Color Vector Graphics









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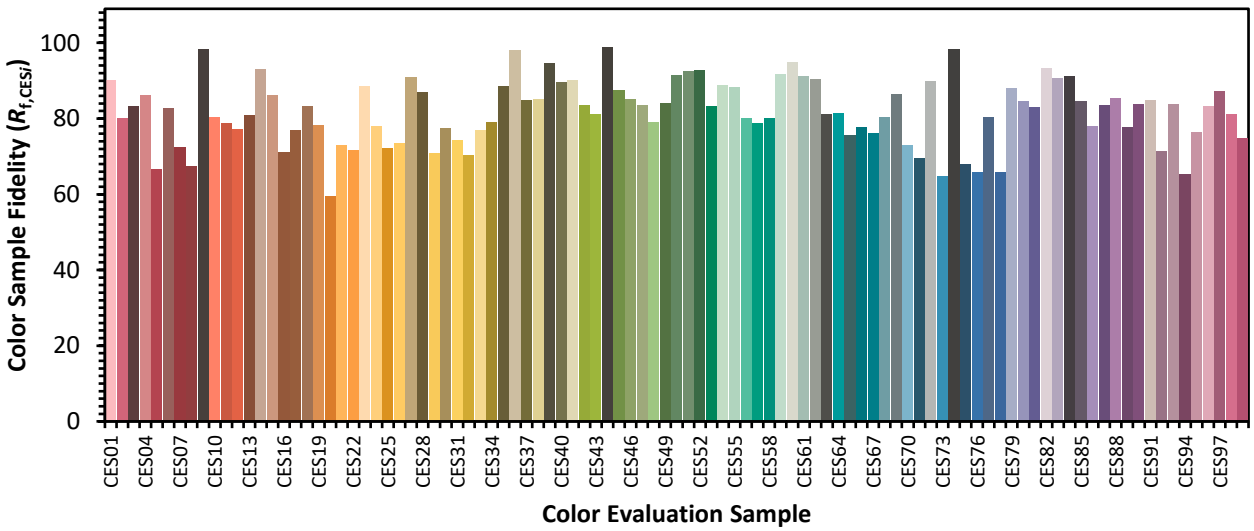
Individual Sample Fidelity Index ($R_{f,i}$)

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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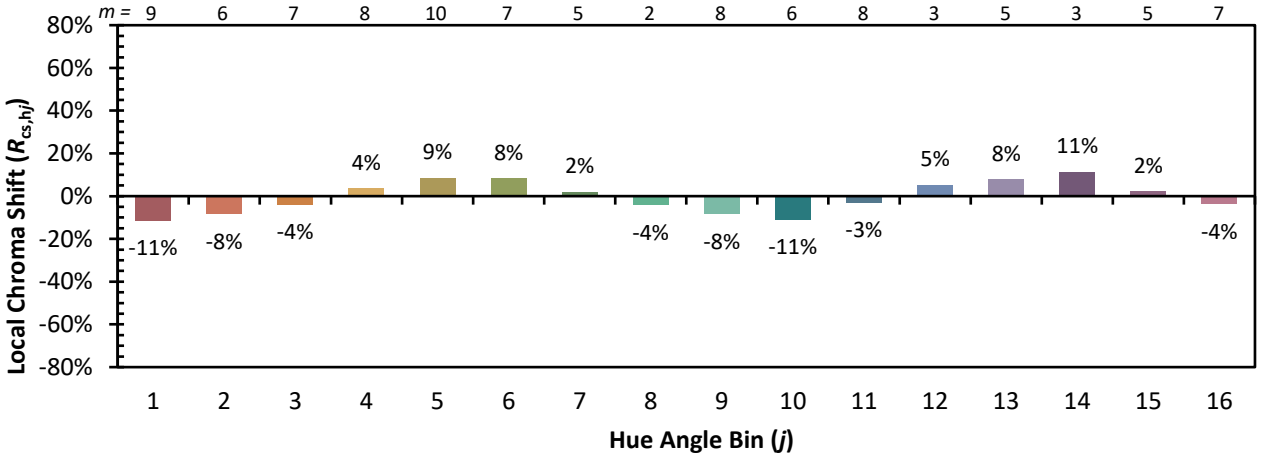
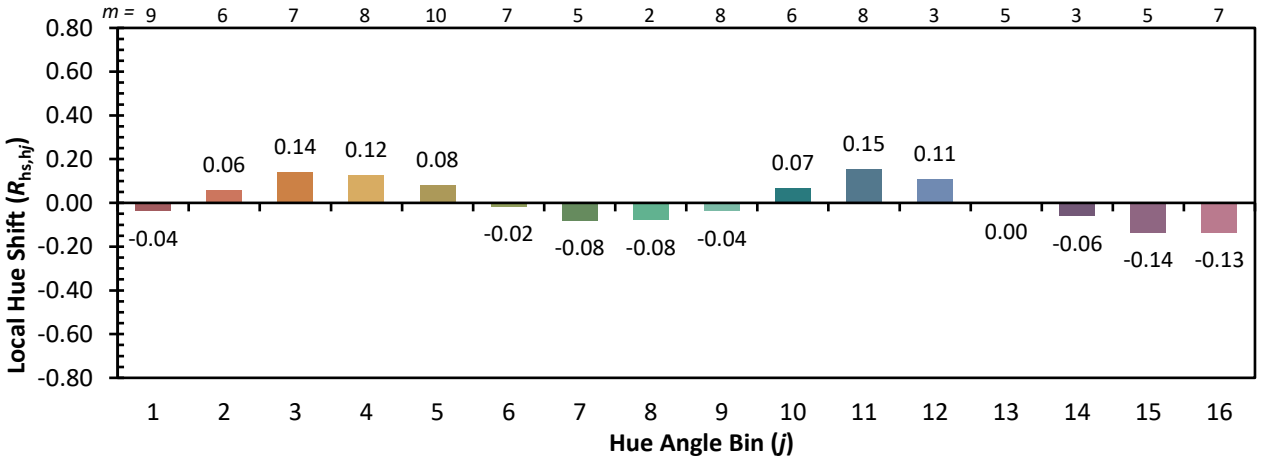
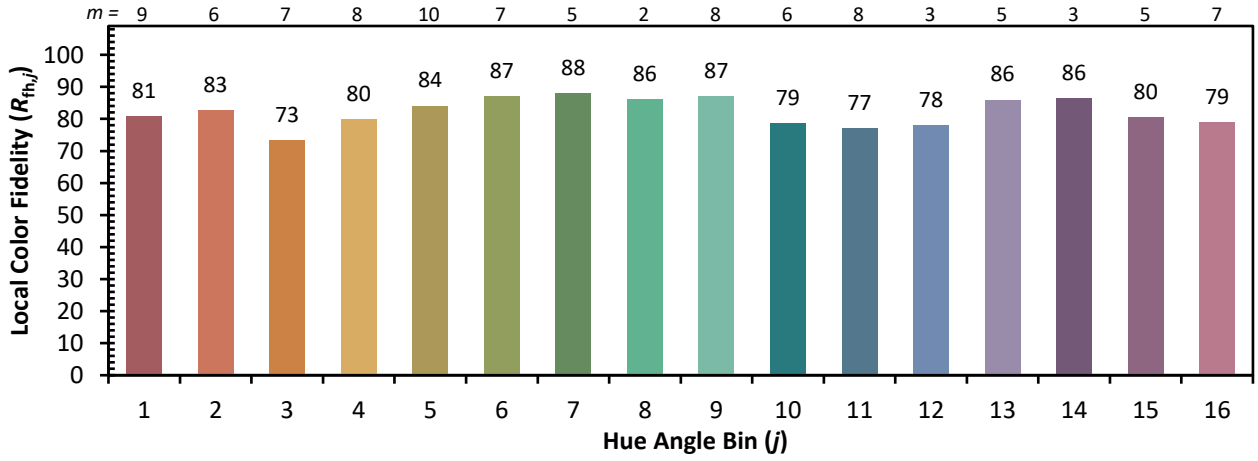
Color Rendition by Hue-Angle Bin







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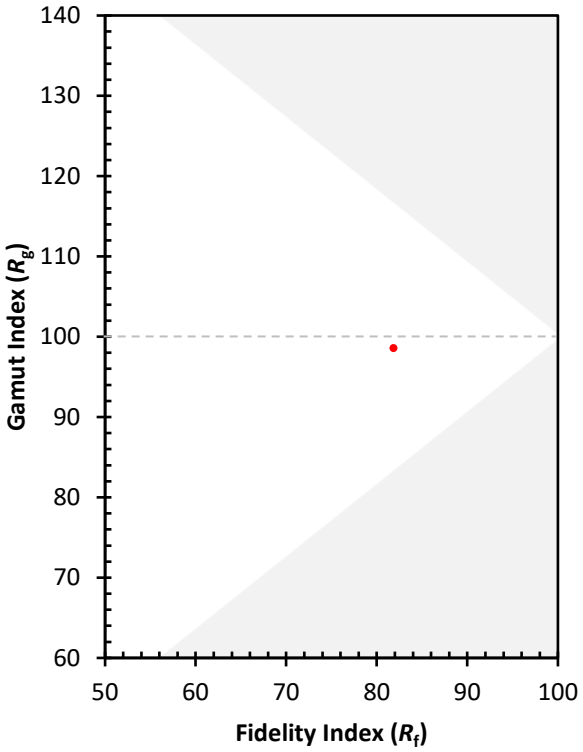
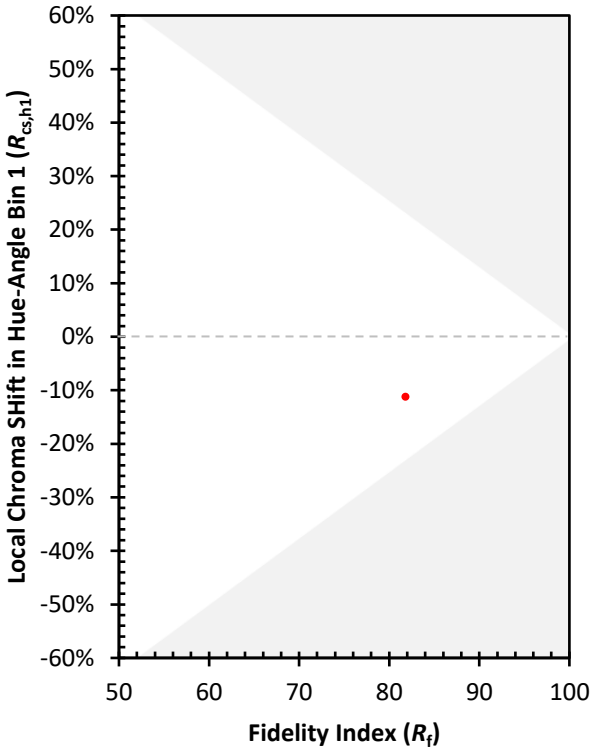
Measure Comparisons





(END OF REPORT)