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: P1458436

Luminaire Tested: GLAN-SB5B-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:	P1458436
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5B-840-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20793 lumens
Efficiency:	N/A
Efficacy:	113.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	182.7
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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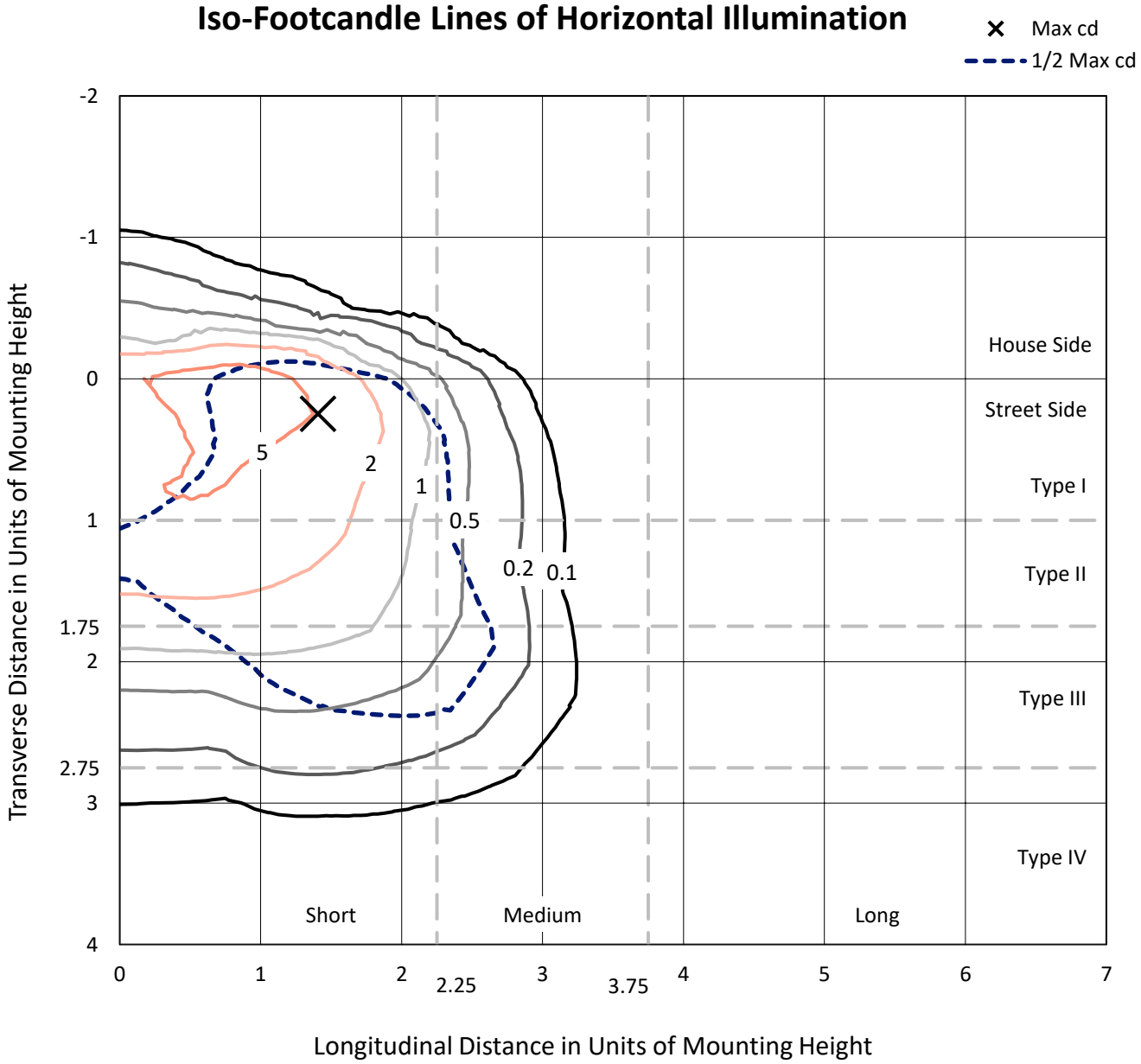
Scaled Data Report

REPORT NUMBER: P1458436
CATALOG NUMBER: GLAN-SB5B-840-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 8.2 fc
Type III - Short - N/A

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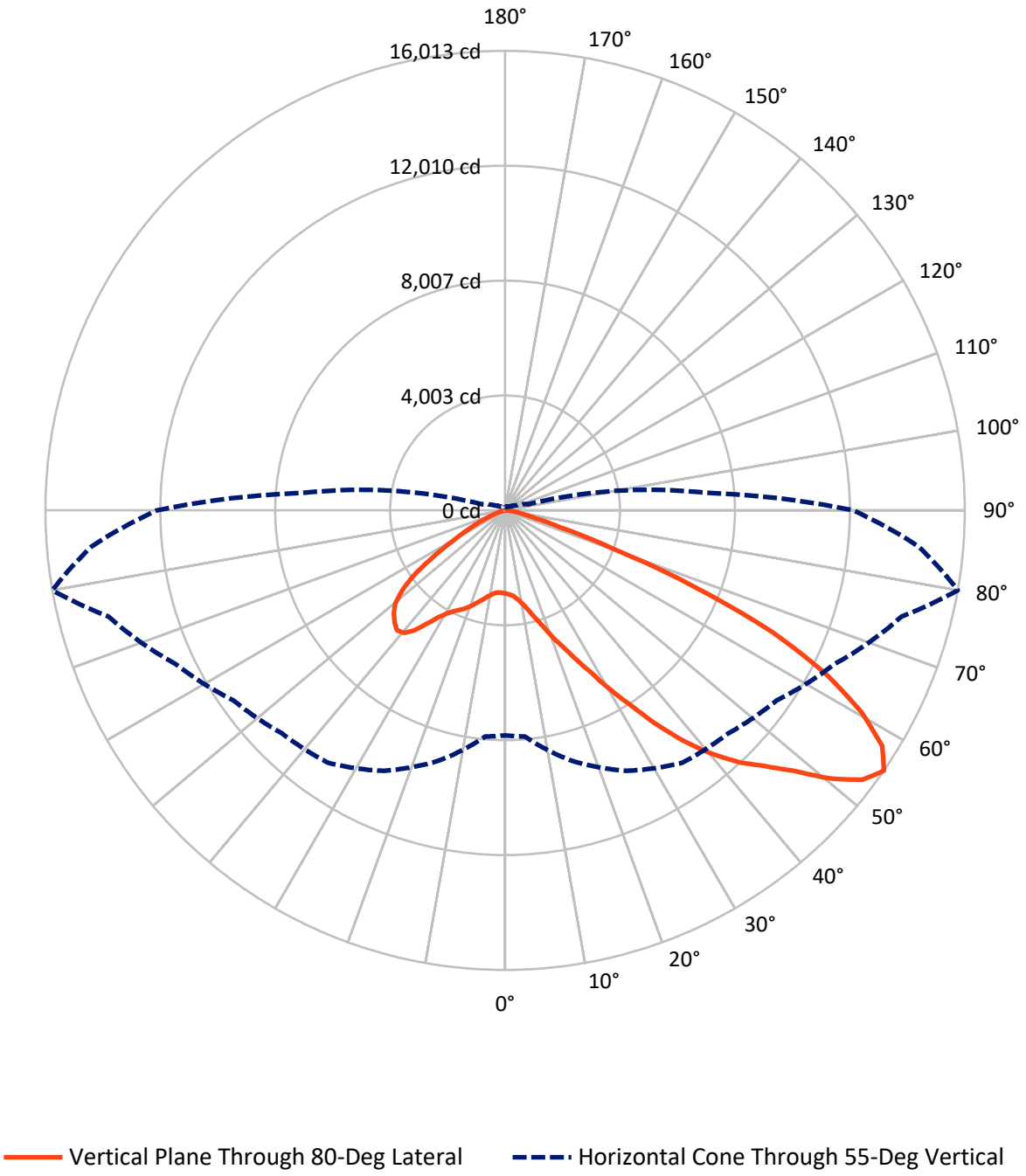
REPORT NUMBER: P1458436
CATALOG NUMBER: GLAN-SB5B-840-U-T3LG-HSS

Luminous Intensity Polar Plot



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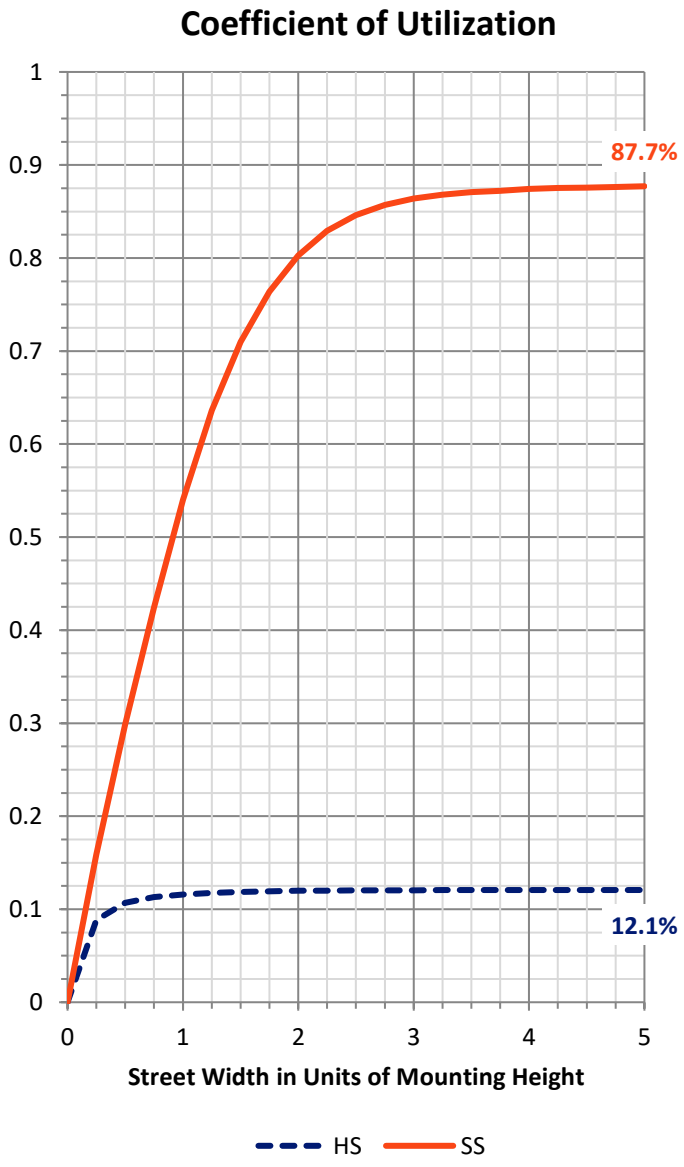
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2527.6	0.0	2527.6
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	18265.4	0.0	18265.4
	% Fixture	87.8	0.0	87.8
Total	Lumens	20793.0	0.0	20793.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	243.1	1.2
10°-20°	640.8	3.1
20°-30°	1254.5	6.0
30°-40°	2552.3	12.3
40°-50°	4302.8	20.7
50°-60°	5497.6	26.4
60°-70°	4693.7	22.6
70°-80°	1499.9	7.2
80°-90°	108.3	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°	20793.0	100.0
0°-180°	20793.0	100.0



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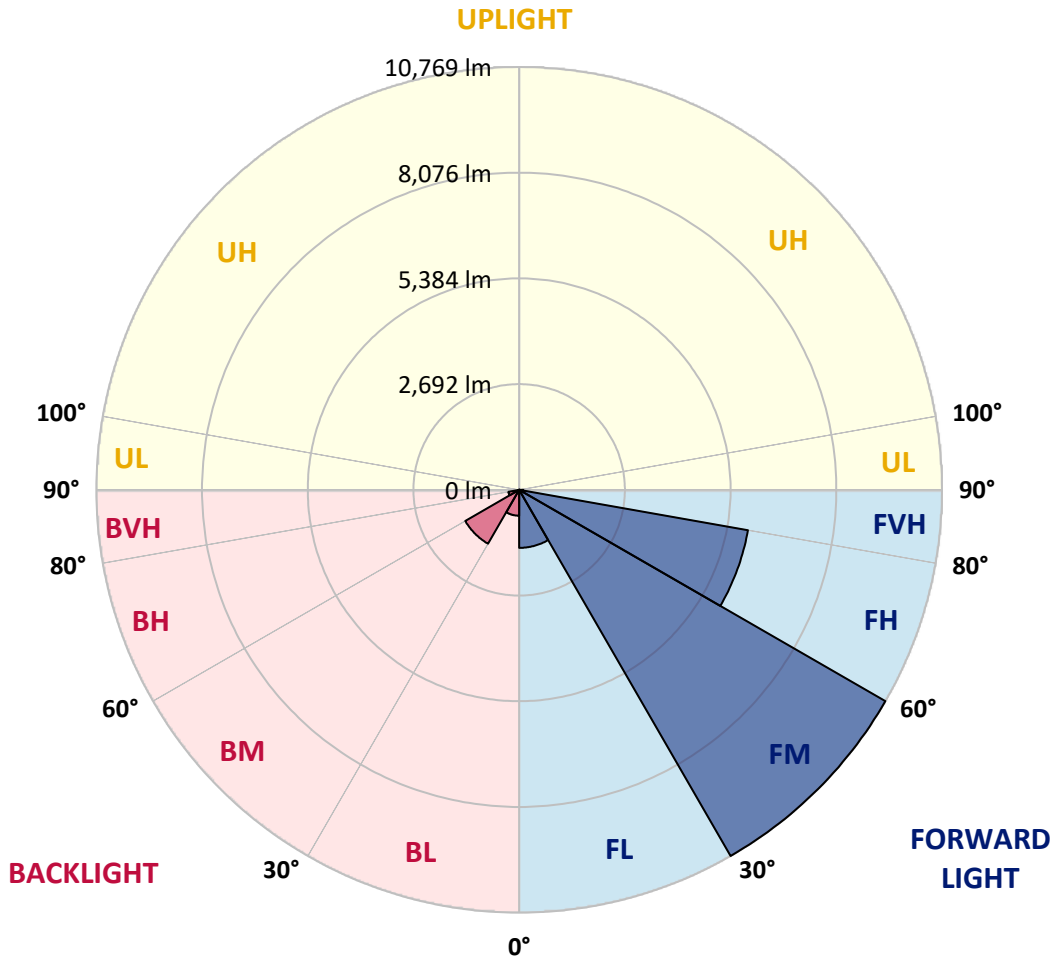
CATALOG NUMBER: GLAN-SB5B-840-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1478.4	7.1			
FM	(30°-60°)	10768.5	51.8			
FH	(60°-80°)	5915.8	28.5			G3/7500
FVH	(80°-90°)	102.7	0.5			G2/225
BL	(0°-30°)	660.0	3.2	B2/1000		
BM	(30°-60°)	1584.1	7.6	B2/2500		
BH	(60°-80°)	277.8	1.3	B1/500		G1/500
BVH	(80°-90°)	5.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Short



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REPORT NUMBER: P1458436
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	*2896.4*	2896.4
2.5°	2914.2	2920.1	2914.2	2920.1	2931.9	2926.0	2949.6	2943.7	2943.7	*2937.8*	2914.2
5°	2748.7	2754.6	2766.4	2795.9	2837.3	2878.7	2931.9	2967.4	3002.8	*2996.9*	2973.3
7.5°	2423.5	2435.4	2482.7	2541.8	2677.7	2801.9	2937.8	3026.5	3103.3	*3127.0*	3109.2
10°	2240.3	2252.1	2281.7	2340.8	2464.9	2671.8	2937.8	3121.0	3257.0	*3304.3*	3310.2
12.5°	2222.6	2228.5	2252.1	2317.1	2423.5	2600.9	2931.9	3245.2	3475.7	*3546.6*	3570.3
15°	2234.4	2246.2	2269.9	2323.1	2447.2	2648.2	2979.2	3440.2	3765.4	*3865.8*	3871.8
17.5°	2281.7	2293.5	2323.1	2382.2	2518.1	2772.3	3127.0	3641.2	4114.1	*4226.4*	4291.4
20°	2376.3	2382.2	2417.6	2494.5	2648.2	2926.0	3345.7	3913.1	4533.8	*4699.3*	4746.6
22.5°	2500.4	2518.1	2565.4	2660.0	2855.1	3138.8	3647.1	4244.2	4994.9	*5166.3*	5249.0
25°	2636.3	2660.0	2730.9	2884.6	3132.9	3463.9	4019.5	4681.6	5538.7	*5745.6*	5857.9
27.5°	2914.2	2920.1	2967.4	3162.4	3481.6	3889.5	4492.4	5243.1	6177.1	*6419.4*	6543.6
30°	3523.0	3528.9	3487.5	3540.7	3865.8	4391.9	5048.1	5899.3	6921.9	*7258.8*	7359.3
32.5°	4267.8	4297.4	4291.4	4256.0	4403.8	4894.4	5710.1	6685.4	7796.7	*8151.4*	8246.0
35°	5113.1	5184.0	5166.3	5154.5	5172.2	5538.7	6466.7	7554.4	8789.8	*9221.3*	9298.1
37.5°	5940.6	5958.4	6041.1	6141.6	6153.4	6407.6	7341.6	8476.5	9711.9	*10261.6*	10379.9
40°	6579.0	6638.1	6845.0	7046.0	7252.9	7453.9	8062.7	9221.3	10444.9	*11183.8*	11237.0
42.5°	7075.6	7217.4	7518.9	7832.2	8251.9	8476.5	8748.4	9747.4	11041.9	*12005.4*	11981.8
45°	7678.5	7737.6	8163.2	8577.0	9002.6	9345.4	9339.5	10190.7	11508.9	*12708.8*	12561.0
47.5°	8086.4	8157.3	8736.6	9221.3	9658.7	9830.1	9865.6	10669.5	12153.2	*13560.0*	13211.3
50°	8305.1	8429.2	9061.7	9676.4	10149.3	10202.5	10362.1	11296.1	12998.5	*14689.0*	14032.9
52.5°	8328.7	8446.9	9174.0	9966.1	10480.3	10586.7	10858.6	12005.4	13820.1	*15593.4*	14505.8
55°	*7838.1*	*7909.0*	*9038.0*	*10013.4*	*10740.4*	*10988.7*	*11544.3*	*12661.5*	*14298.9*	*16013.1*	*14464.4*
57.5°	7377.0	7448.0	8429.2	9930.6	11006.4	11514.8	12277.3	13110.8	13926.5	*15492.9*	13542.3
60°	6981.0	7016.4	7909.0	9546.4	11106.9	12029.0	12909.8	12667.4	12963.0	*14245.7*	11964.0
62.5°	6236.2	6259.8	7317.9	8854.8	10905.9	12425.1	13128.5	11727.6	11904.9	*12525.6*	10107.9
65°	4711.1	4799.8	5769.2	8334.6	10574.9	12608.3	12620.2	10580.8	10397.6	*10249.8*	7950.4
67.5°	3197.9	3298.4	3883.6	7495.2	10037.0	12685.2	11633.0	9097.1	7920.8	*7158.3*	5207.7
70°	2553.6	2553.6	2754.6	6023.4	8760.2	11703.9	10409.4	6868.7	5030.3	*3954.5*	2790.0
72.5°	1678.7	1684.7	1873.8	3824.5	6212.5	8925.7	8488.3	3972.2	2612.7	*2015.7*	1377.3
75°	608.8	608.8	821.6	1531.0	3286.6	5314.1	5172.2	1897.5	1418.7	*1099.5*	833.5
77.5°	325.1	336.9	396.0	632.5	1259.1	2163.5	2021.6	969.4	803.9	*685.7*	520.2
80°	218.7	224.6	266.0	390.1	608.8	833.5	650.2	543.8	543.8	*461.1*	348.8
82.5°	118.2	124.1	177.3	254.2	325.1	390.1	313.3	319.2	384.2	*313.3*	201.0
85°	82.8	82.8	136.0	183.2	183.2	189.2	136.0	201.0	224.6	*195.1*	136.0
87.5°	47.3	47.3	76.8	88.7	88.7	82.8	41.4	70.9	88.7	*100.5*	59.1
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: P1458436
CATALOG NUMBER: GLAN-SB5B-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4	2896.4
2.5°	2908.3	2890.5	2855.1	2784.1	2748.7	2701.4	2660.0	2606.8	2595.0	2589.1	2565.4
5°	2955.5	2920.1	2813.7	2660.0	2529.9	2405.8	2281.7	2210.7	2151.6	2122.1	2116.2
7.5°	3073.8	3002.8	2807.8	2535.9	2293.5	2080.7	1897.5	1737.9	1655.1	1584.2	1590.1
10°	3251.1	3138.8	2819.6	2417.6	2057.1	1714.2	1448.2	1217.7	1052.2	975.3	969.4
12.5°	3487.5	3327.9	2861.0	2299.4	1767.4	1288.6	951.7	815.7	780.3	774.4	768.4
15°	3777.2	3552.6	2902.3	2145.7	1377.3	892.6	774.4	744.8	738.9	733.0	733.0
17.5°	4125.9	3812.6	2926.0	1885.6	1004.9	768.4	727.1	709.3	703.4	697.5	697.5
20°	4563.4	4102.3	2955.5	1554.6	851.2	738.9	691.6	668.0	662.0	662.0	656.1
22.5°	4994.9	4427.4	2931.9	1265.0	821.6	703.4	650.2	626.6	614.8	614.8	608.8
25°	5491.4	4758.4	2861.0	1140.8	815.7	673.9	608.8	573.4	555.6	549.7	549.7
27.5°	6058.9	5136.7	2748.7	1146.7	815.7	650.2	555.6	508.4	496.5	484.7	484.7
30°	6709.1	5597.8	2665.9	1223.6	827.6	626.6	508.4	449.2	431.5	419.7	425.6
32.5°	7453.9	6112.1	2660.0	1347.7	845.3	591.1	455.2	390.1	372.4	366.5	372.4
35°	8299.2	6750.5	2795.9	1442.3	798.0	514.3	390.1	336.9	319.2	319.2	325.1
37.5°	9239.0	7483.4	2979.2	1418.7	644.3	407.9	336.9	295.6	277.8	283.7	289.6
40°	10096.1	8056.8	3008.7	1211.8	484.7	348.8	289.6	260.1	248.3	254.2	260.1
42.5°	10746.3	8517.9	2725.0	939.9	407.9	295.6	248.3	224.6	218.7	230.5	230.5
45°	11272.4	8701.1	2275.8	697.5	360.6	254.2	218.7	206.9	195.1	201.0	201.0
47.5°	11822.2	8730.7	1856.1	561.6	319.2	230.5	201.0	189.2	177.3	177.3	177.3
50°	12354.2	8659.7	1418.7	496.5	295.6	206.9	183.2	171.4	159.6	153.7	153.7
52.5°	12484.2	8092.3	1040.3	461.1	271.9	195.1	171.4	159.6	147.8	141.9	141.9
55°	*12123.6*	*7016.4*	*815.7*	*413.8*	*248.3*	*177.3*	*159.6*	*147.8*	*130.0*	*124.1*	*124.1*
57.5°	10935.5	5349.5	650.2	354.7	224.6	171.4	147.8	136.0	118.2	112.3	112.3
60°	9392.7	3794.9	526.1	289.6	206.9	153.7	136.0	118.2	106.4	94.6	94.6
62.5°	7684.4	2725.0	425.6	242.4	195.1	136.0	124.1	106.4	82.8	65.0	65.0
65°	5893.3	1956.6	331.0	195.1	177.3	118.2	106.4	88.7	65.0	47.3	47.3
67.5°	3812.6	1265.0	248.3	171.4	136.0	100.5	82.8	70.9	59.1	41.4	35.5
70°	2009.8	738.9	183.2	147.8	100.5	76.8	70.9	59.1	47.3	29.6	29.6
72.5°	1040.3	484.7	136.0	130.0	76.8	53.2	59.1	47.3	35.5	17.7	17.7
75°	668.0	325.1	100.5	106.4	47.3	41.4	41.4	29.6	17.7	11.8	5.9
77.5°	431.5	218.7	70.9	88.7	29.6	23.6	23.6	11.8	5.9	0.0	0.0
80°	254.2	136.0	47.3	59.1	11.8	11.8	5.9	0.0	0.0	0.0	0.0
82.5°	130.0	70.9	23.6	23.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	82.8	35.5	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.4	11.8	5.9	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

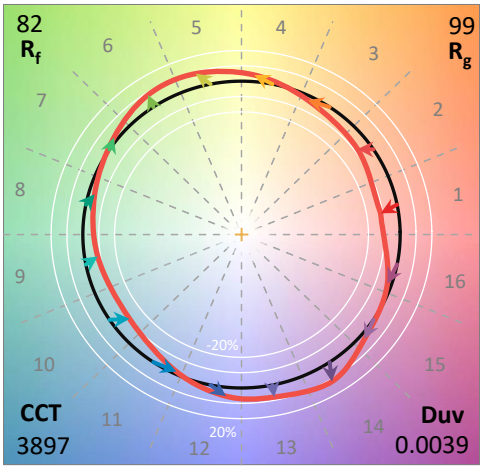
Test Information

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

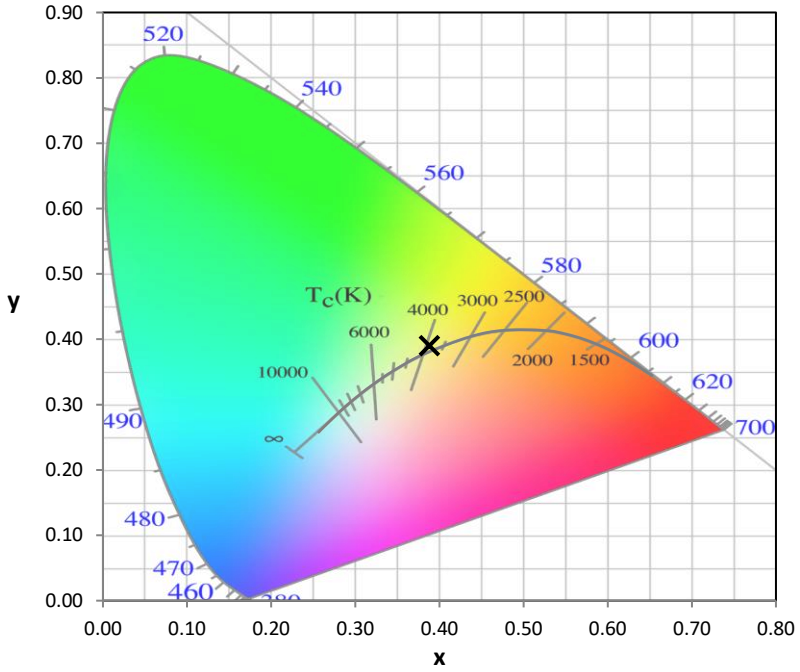
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

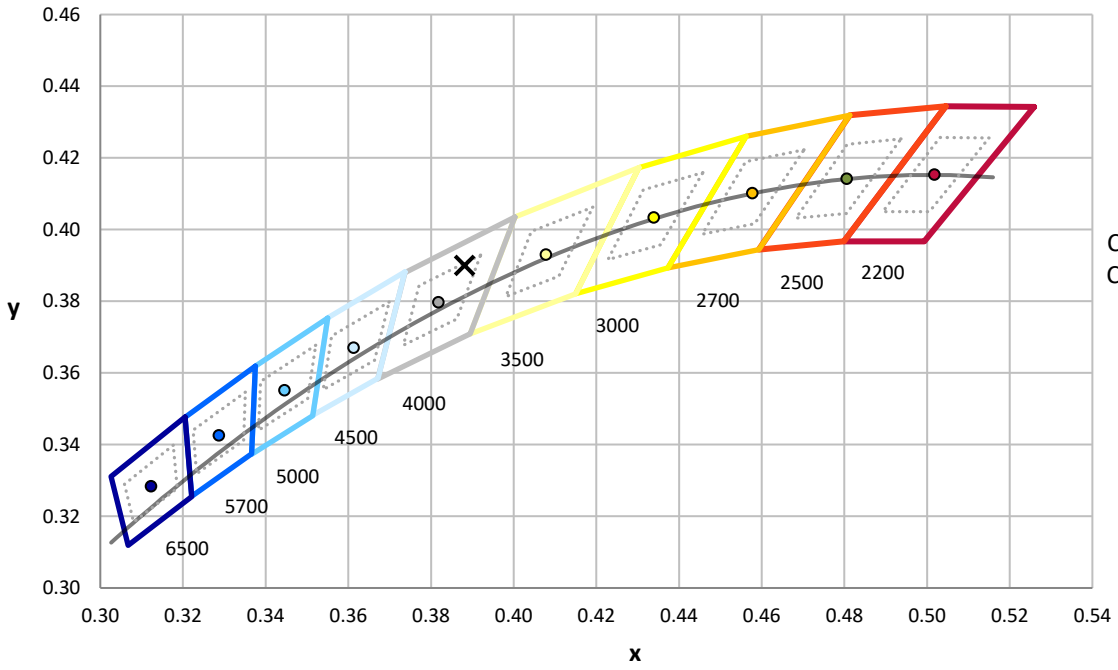
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

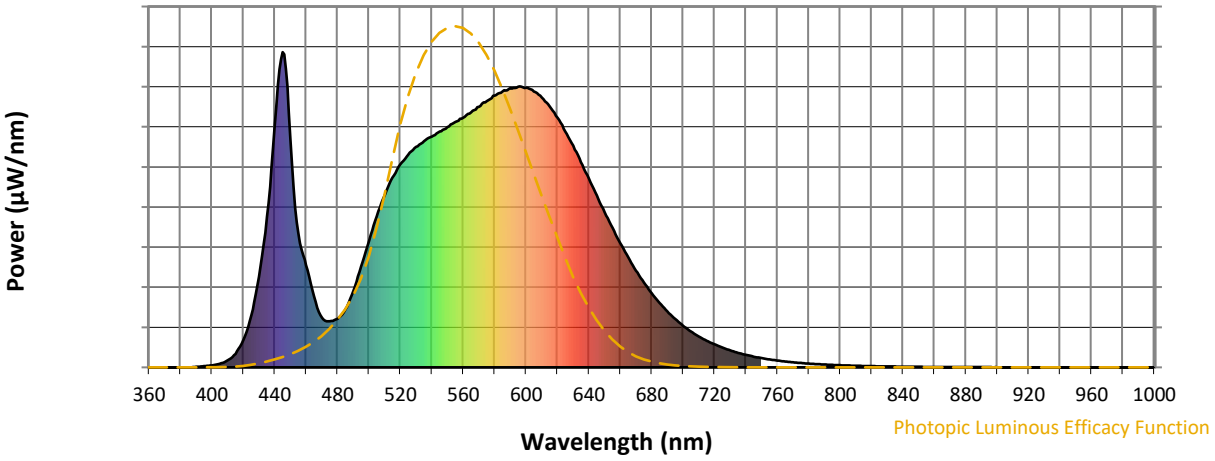


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

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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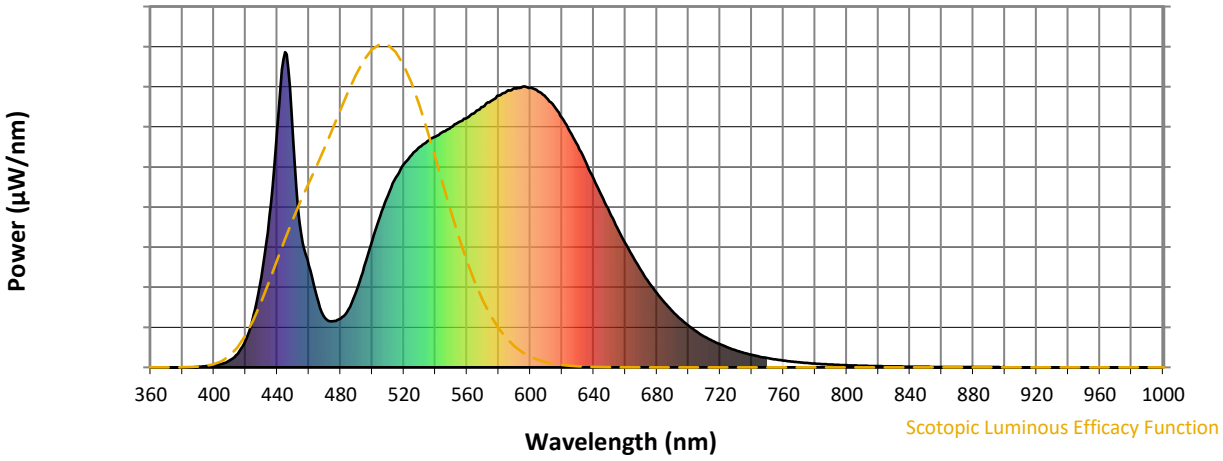
Scotopic Flux vs. Wavelength



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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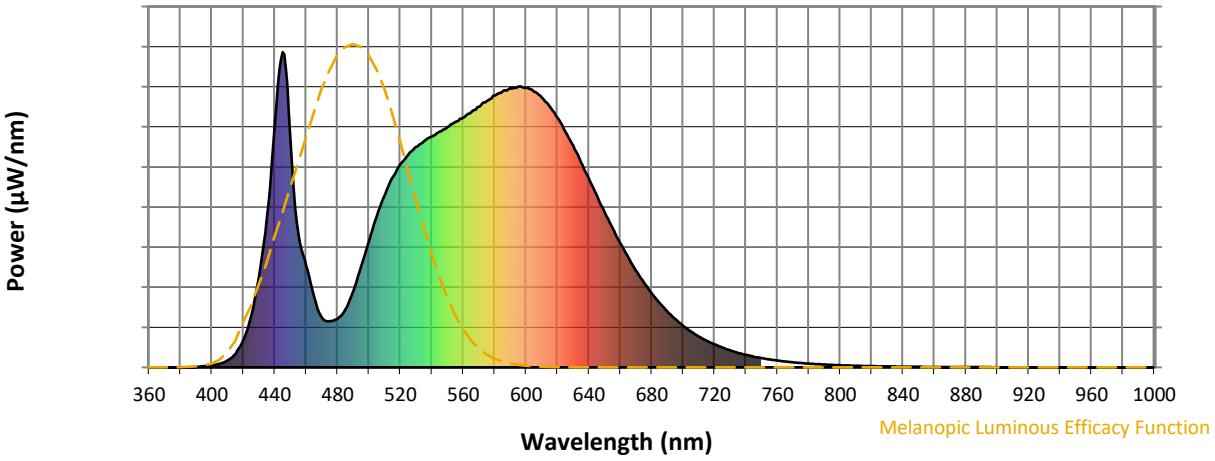
Melanopic Flux vs. Wavelength



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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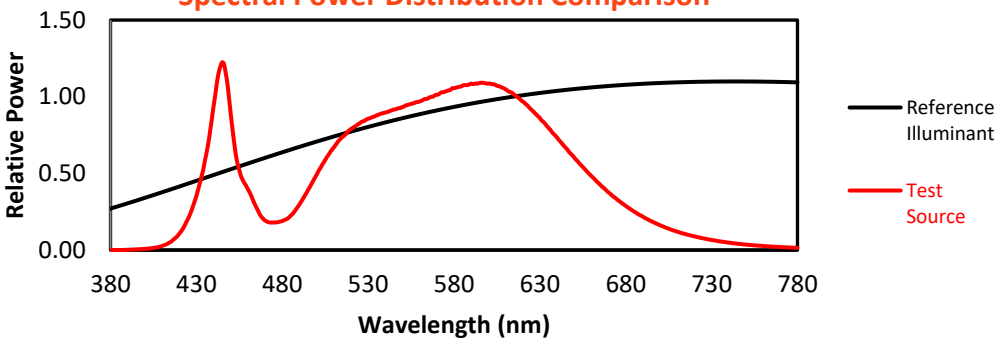
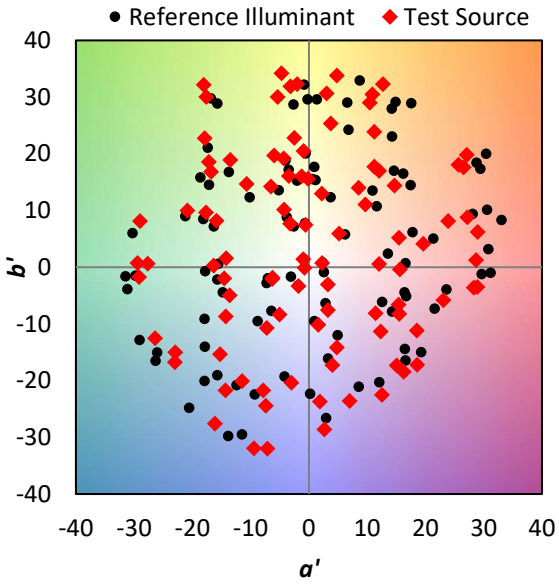
Summary

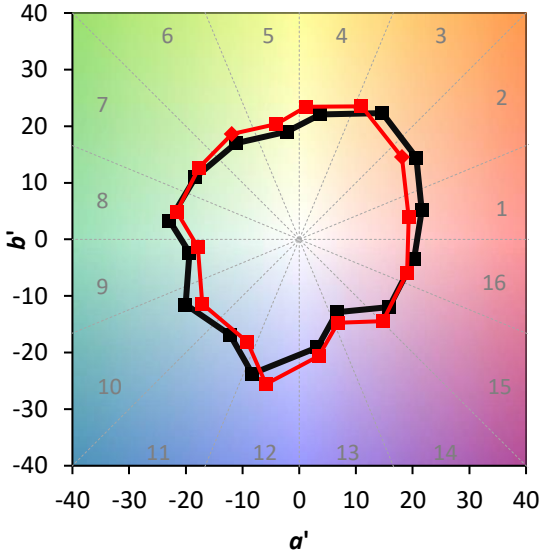
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

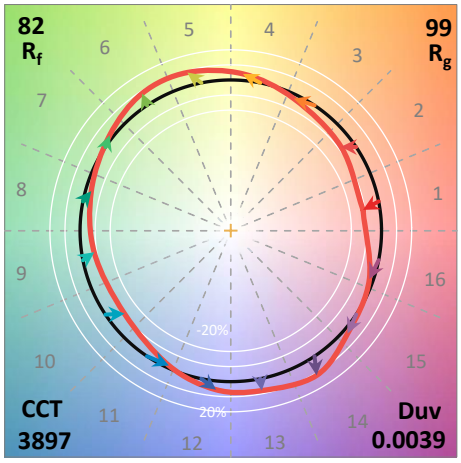
Spectral Power Distribution Comparison

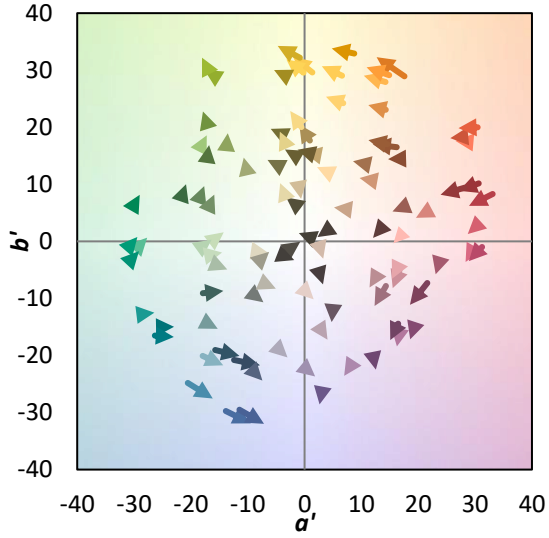


Color Vector Graphics









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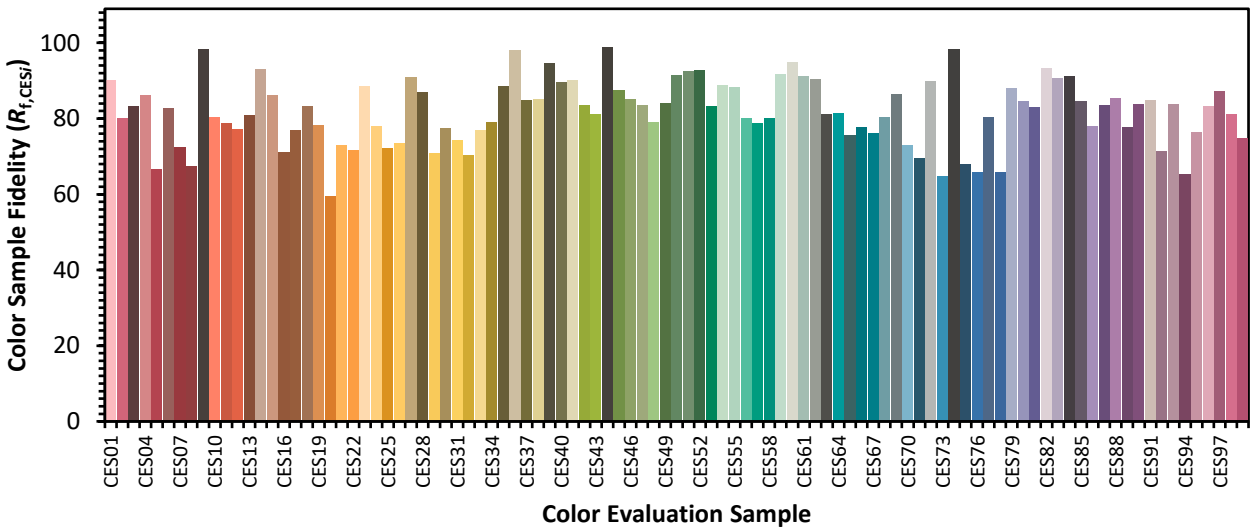
Individual Sample Fidelity Index ($R_{f,i}$)

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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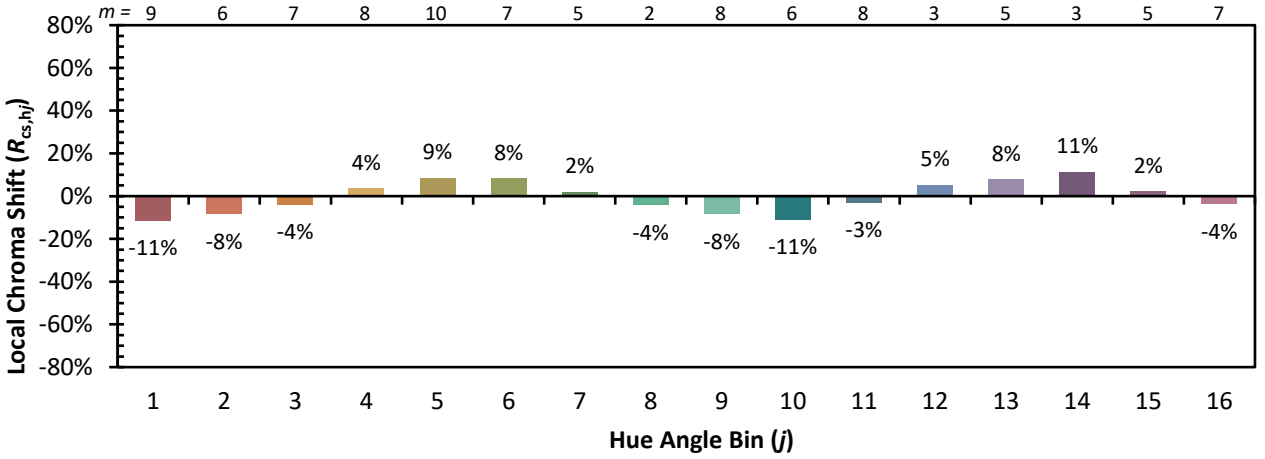
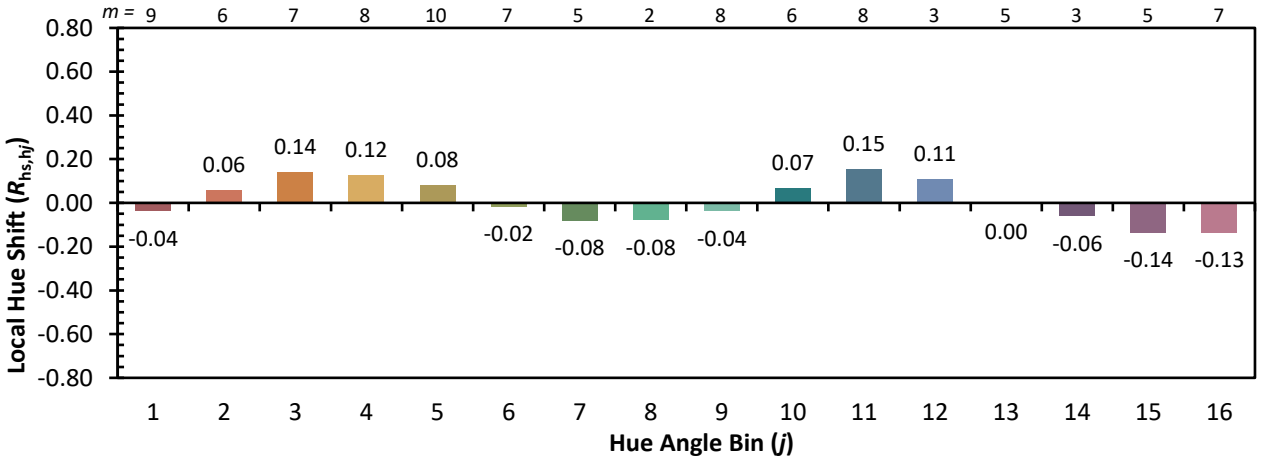
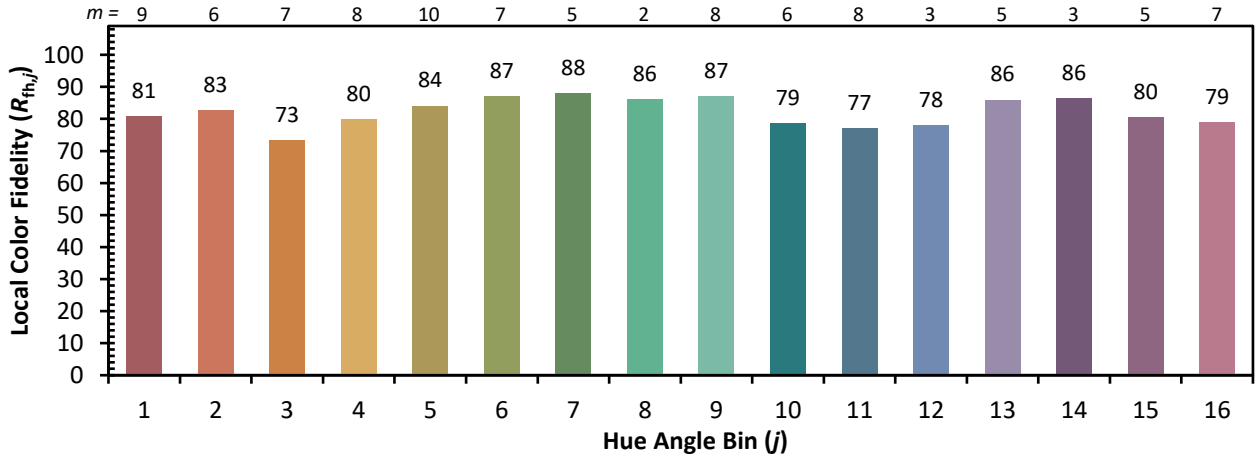
Color Rendition by Hue-Angle Bin







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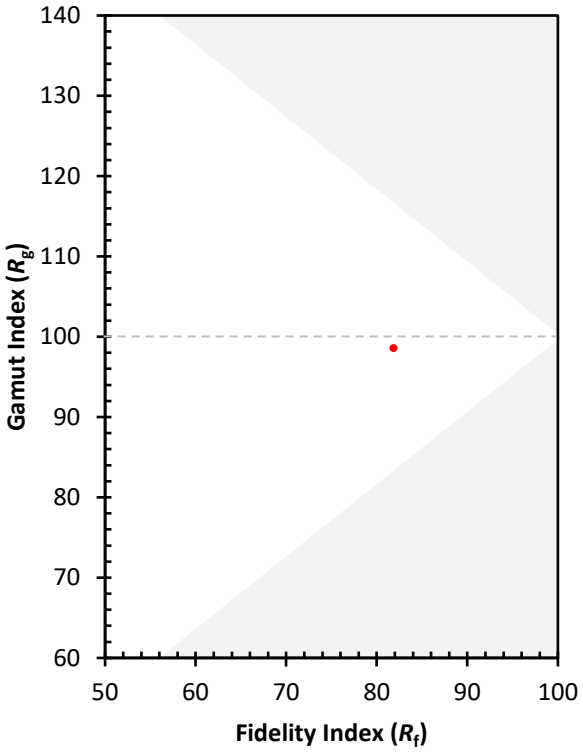
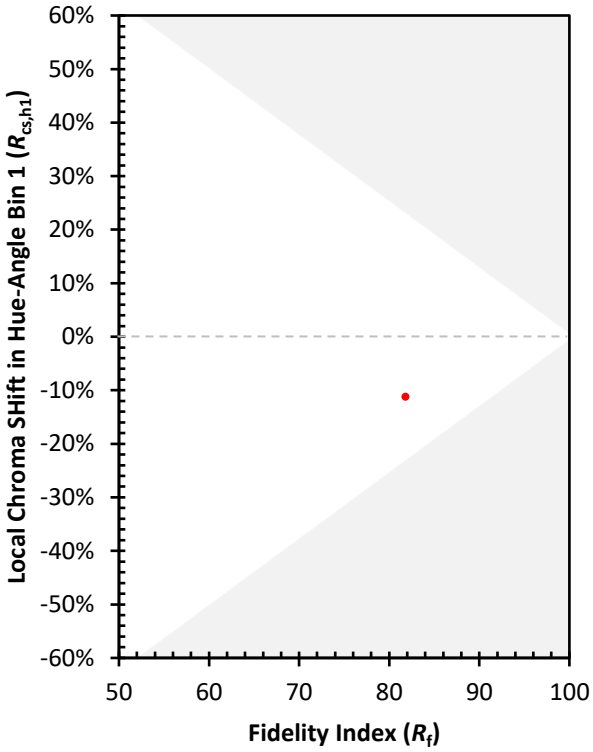
Measure Comparisons





(END OF REPORT)