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: McGRAW-EDISON

Report Number: P1502734

Luminaire Tested: GSS-SB5B-840-U-T4LG-HSS

Issue Date: 07/20/2026

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:	P1502734
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21134.4 lumens
Efficiency:	N/A
Efficacy:	114.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

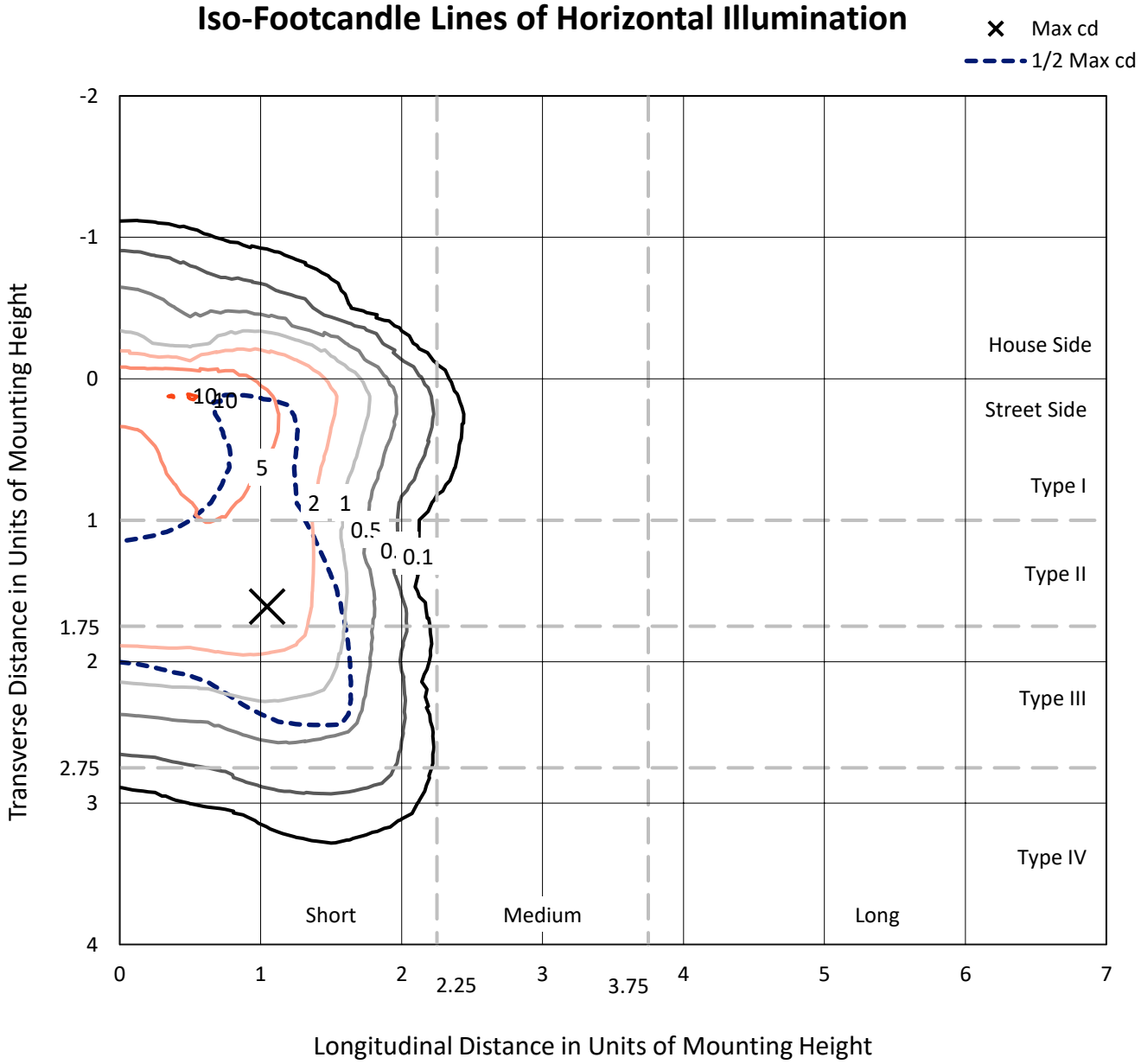
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502734
CATALOG NUMBER: GSS-SB5B-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



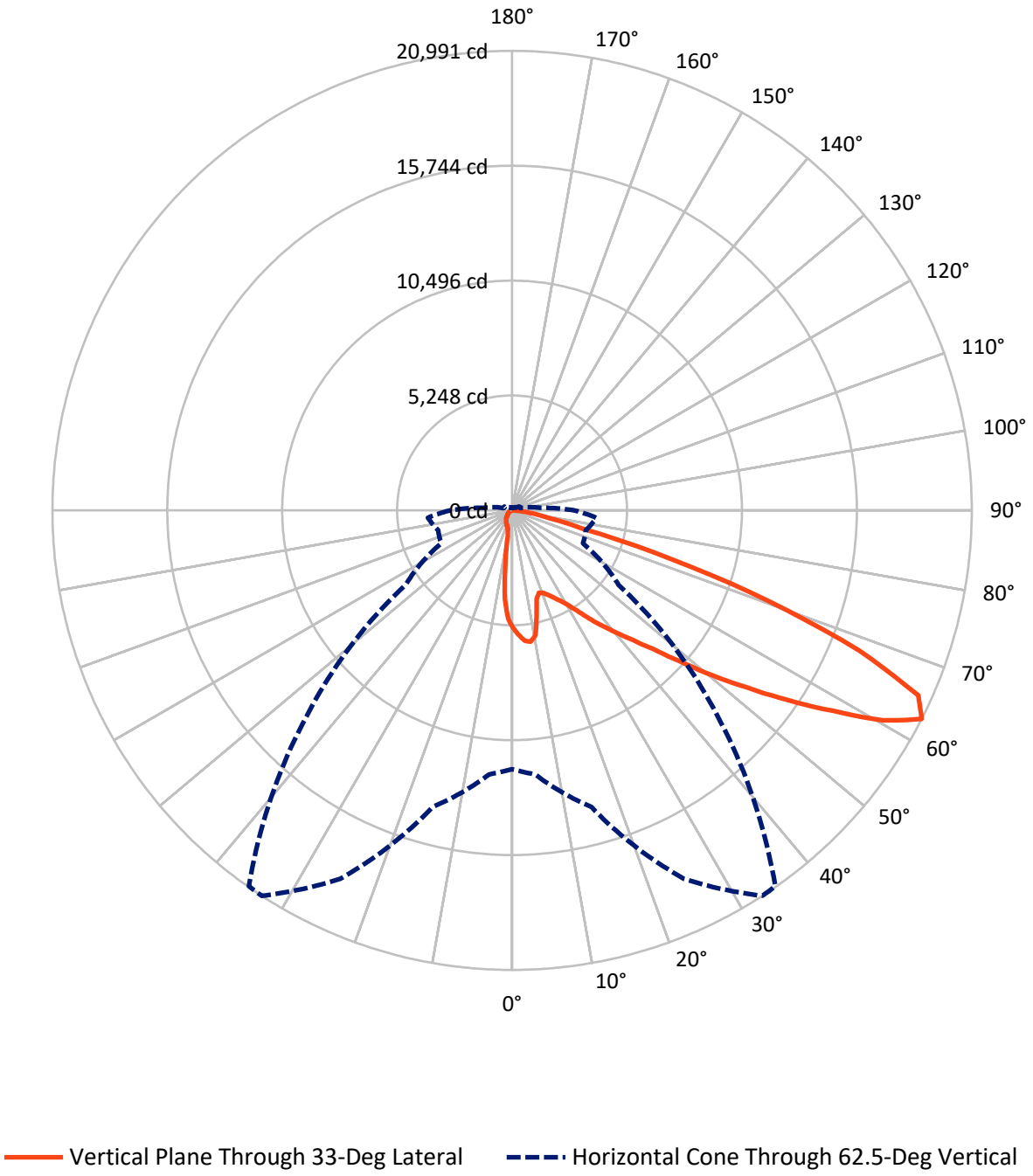
Based on 25 foot mounting height. Maximum calculated value = 10.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1502734
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Luminous Intensity Polar Plot



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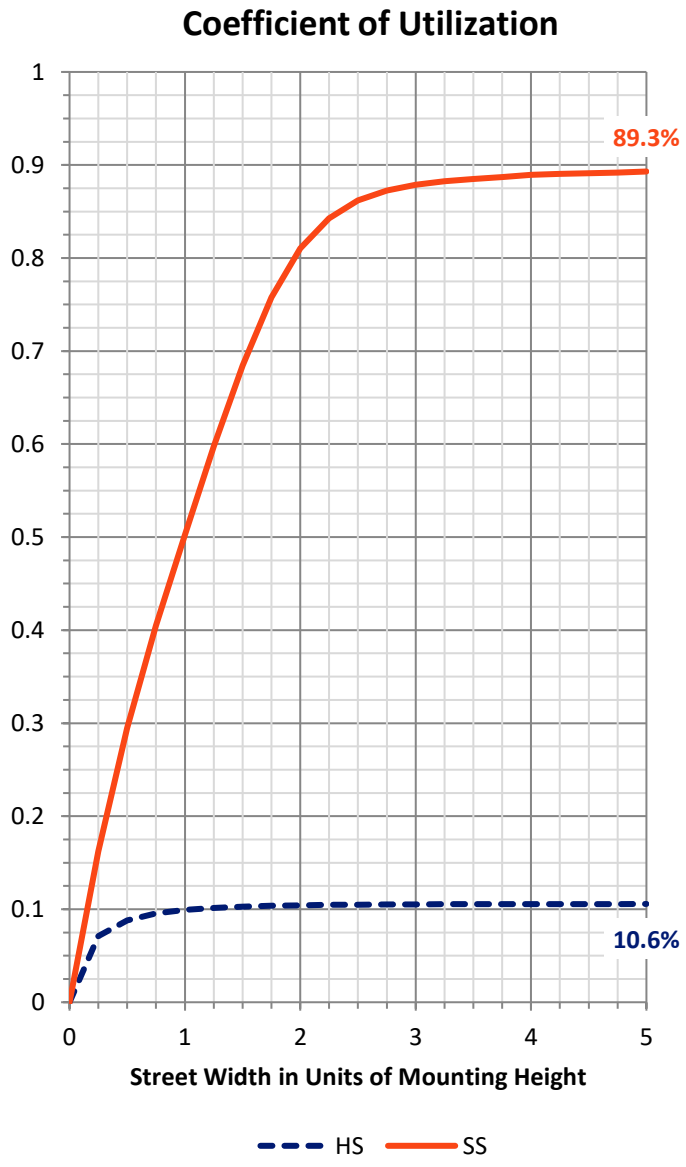
REPORT NUMBER: P1502734
CATALOG NUMBER: GSS-SB5B-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2248.9	0.0	2248.9
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	18885.6	0.0	18885.6
	% Fixture	89.4	0.0	89.4
Total	Lumens	21134.4	0.0	21134.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	456.4	2.2
10°-20°	1018.5	4.8
20°-30°	1641.5	7.8
30°-40°	2730.8	12.9
40°-50°	4316.1	20.4
50°-60°	5798.6	27.4
60°-70°	4256.8	20.1
70°-80°	842.5	4.0
80°-90°	73.2	0.3
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°	21134.4	100.0
0°-180°	21134.4	100.0



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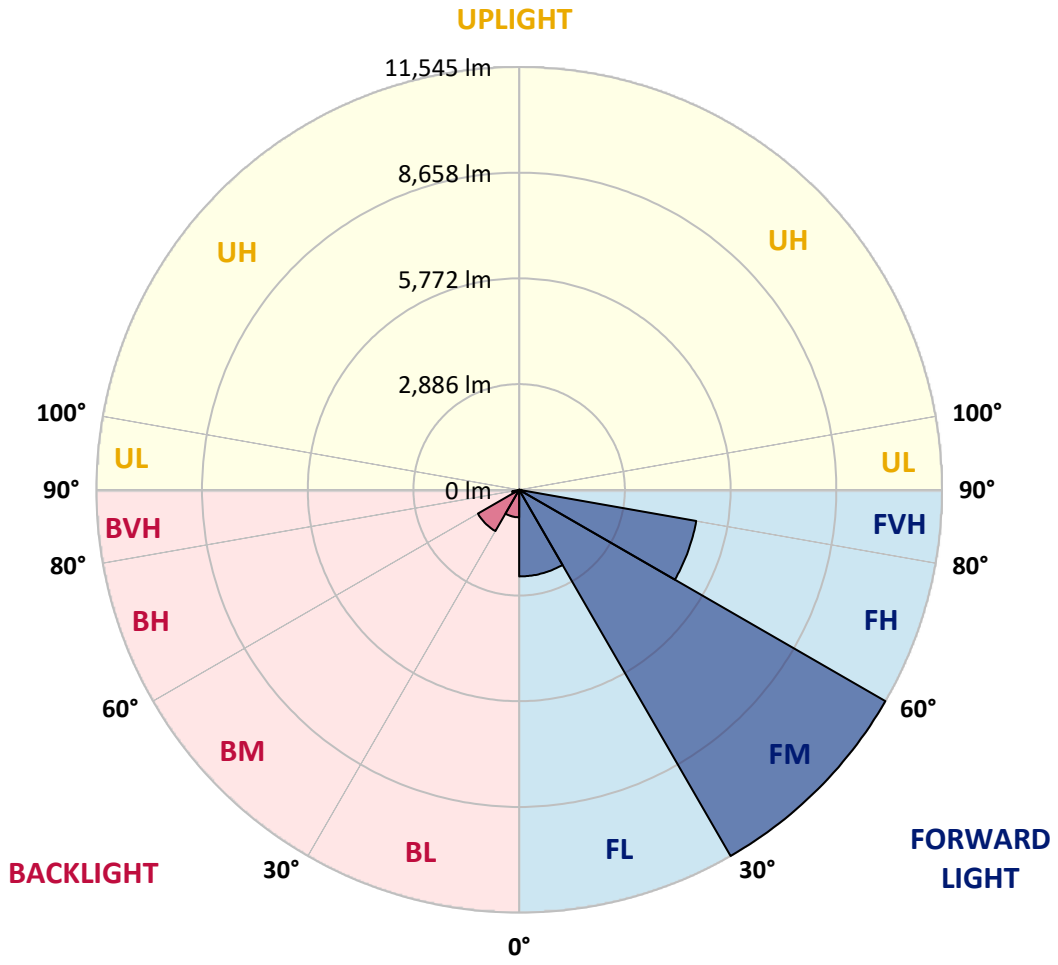
Scaled Data Report

REPORT NUMBER: P1502734
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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°)	2366.1	11.2			
FM	(30°-60°)	11544.6	54.6			
FH	(60°-80°)	4907.1	23.2			G2/5000
FVH	(80°-90°)	67.7	0.3			G1/100
BL	(0°-30°)	750.3	3.6	B2/1000		
BM	(30°-60°)	1300.9	6.2	B2/2500		
BH	(60°-80°)	192.1	0.9	B1/500		G1/500
BVH	(80°-90°)	5.5	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-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4
2.5°	5719.5	5743.3	5743.3	5695.7	5683.8	5660.0	5636.2	5630.3	5552.9	5493.4	5433.8
5°	6011.2	6005.2	5999.3	5975.4	5981.4	5951.6	5933.8	5904.0	5773.1	5683.8	5523.1
7.5°	5886.2	5939.7	5963.5	6029.0	6058.8	6052.8	6100.4	6112.3	5999.3	5874.3	5630.3
10°	5070.8	5041.0	5255.3	5535.0	5814.8	5880.2	6136.1	6273.0	6231.4	6118.3	5802.9
12.5°	4017.4	4047.1	4195.9	4523.2	4981.5	5124.4	5862.4	6404.0	6523.0	6451.6	6040.9
15°	3678.1	3678.1	3755.5	3910.2	4184.0	4320.9	5231.5	6386.1	6832.5	6838.4	6338.5
17.5°	3606.7	3618.6	3684.1	3785.2	3963.8	4023.3	4660.1	6124.2	7136.0	7243.1	6671.8
20°	3618.6	3636.5	3707.9	3850.7	4023.3	4094.7	4511.3	5790.9	7391.9	7683.6	7022.9
22.5°	3660.3	3654.3	3779.3	3969.7	4190.0	4255.4	4636.3	5654.1	7606.2	8189.5	7433.6
25°	3707.9	3713.8	3874.5	4142.3	4410.2	4487.5	4916.1	5779.0	7760.9	8731.1	7850.2
27.5°	3850.7	3868.6	4065.0	4356.6	4672.0	4773.2	5279.1	6106.4	8028.8	9254.8	8302.5
30°	4070.9	4088.8	4314.9	4666.1	5005.3	5160.1	5731.4	6517.0	8427.5	9861.9	8766.8
32.5°	4326.8	4350.7	4642.3	5047.0	5457.7	5606.4	6249.2	7142.0	8957.2	10480.8	9248.9
35°	4648.2	4713.7	5029.1	5511.2	6064.7	6207.6	6886.0	7850.2	9647.6	11034.3	9659.5
37.5°	5088.7	5142.2	5529.1	6130.2	6689.6	6880.1	7600.2	8594.2	10272.5	11528.3	9992.8
40°	5624.3	5671.9	6106.4	6761.1	7344.3	7505.0	8350.2	9344.1	10945.1	11802.1	10064.2
42.5°	6517.0	6648.0	6921.8	7475.3	8100.2	8302.5	9183.4	10070.2	11433.1	11855.7	9951.1
45°	8076.4	8118.0	8177.6	8439.4	9040.5	9219.1	10064.2	10701.1	11724.7	11867.6	9850.0
47.5°	9570.2	9713.1	9796.4	9915.4	10278.5	10344.0	10986.7	11266.5	11956.8	11825.9	9850.0
50°	11064.1	11171.2	11314.1	11456.9	11843.8	11867.6	11962.8	11647.4	11968.8	11486.7	9790.5
52.5°	12421.1	12456.8	12700.8	12974.6	13456.7	13587.6	12867.4	11927.1	11248.6	10415.4	9510.7
55°	13635.2	13682.8	14051.8	14611.3	15301.7	15474.3	13974.5	11385.5	9707.1	9028.6	8862.0
57.5°	14420.8	14533.9	15271.9	16503.9	17283.6	17206.2	14831.5	10117.8	7796.7	7386.0	7713.3
60°	14028.0	14182.8	15736.1	18093.0	19479.7	19253.6	14593.4	8326.3	5761.2	5463.6	6106.4
62.5°	11820.0	12105.6	14028.0	18563.2	20991.4	20955.7	13248.4	5939.7	3571.0	3493.6	3856.7
65°	8219.2	8713.2	10992.7	16991.9	20384.4	20437.9	11153.4	3457.9	1654.6	2053.3	2255.7
67.5°	4844.6	5195.8	7082.5	13873.3	17105.0	16611.0	7582.4	1601.0	827.3	1249.8	1196.3
70°	2130.7	2368.8	4059.0	9611.9	12462.7	11665.2	3701.9	779.7	630.9	755.9	660.6
72.5°	1172.5	1279.6	2136.6	5076.8	7582.4	7207.4	1249.8	517.8	541.6	565.4	476.1
75°	654.7	702.3	1124.9	2934.2	3332.9	3100.8	607.1	339.2	458.3	458.3	351.1
77.5°	380.9	422.6	702.3	1827.2	1827.2	1476.0	369.0	214.3	345.2	309.5	190.5
80°	178.5	202.4	386.9	1011.8	1154.6	952.3	208.3	148.8	226.2	196.4	125.0
82.5°	53.6	65.5	190.5	392.8	654.7	559.5	107.1	95.2	166.6	125.0	71.4
85°	35.7	41.7	95.2	160.7	321.4	279.7	35.7	29.8	71.4	59.5	29.8
87.5°	6.0	6.0	11.9	11.9	11.9	11.9	6.0	6.0	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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REPORT NUMBER: P1502734
CATALOG NUMBER: GSS-SB5B-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4	5368.4
2.5°	5398.1	5356.5	5261.3	5172.0	5124.4	5017.2	4975.6	4928.0	4904.2	4898.2	4862.5
5°	5421.9	5344.6	5106.5	4868.4	4618.5	4380.4	4136.4	3922.1	3749.5	3755.5	3761.4
7.5°	5493.4	5338.6	4922.0	4445.9	3910.2	3291.3	2630.6	2136.6	1821.2	1755.7	1696.2
10°	5588.6	5362.4	4695.8	3815.0	2761.6	1737.9	1226.0	1047.5	970.1	952.3	958.2
12.5°	5767.1	5421.9	4410.2	2946.1	1529.6	999.9	886.8	857.0	845.1	845.1	845.1
15°	5987.4	5505.3	3963.8	1928.3	999.9	833.2	809.4	803.5	791.6	791.6	797.5
17.5°	6171.9	5505.3	3374.6	1255.8	821.3	773.7	755.9	749.9	749.9	755.9	749.9
20°	6374.2	5463.6	2713.9	946.3	761.8	720.1	708.2	708.2	708.2	714.2	714.2
22.5°	6582.5	5392.2	2100.9	809.4	708.2	672.5	666.6	672.5	678.5	684.4	684.4
25°	6814.6	5302.9	1660.5	749.9	660.6	630.9	630.9	630.9	636.8	648.7	654.7
27.5°	7070.6	5225.5	1422.4	714.2	619.0	589.2	589.2	595.2	607.1	613.0	619.0
30°	7308.6	5225.5	1345.1	732.1	601.1	565.4	553.5	559.5	571.4	583.3	583.3
32.5°	7606.2	5285.1	1386.7	809.4	595.2	529.7	517.8	517.8	529.7	535.6	535.6
35°	7856.2	5398.1	1529.6	916.6	619.0	499.9	476.1	470.2	482.1	476.1	482.1
37.5°	8058.5	5552.9	1791.4	1059.4	666.6	464.2	434.5	416.6	416.6	416.6	416.6
40°	8118.0	5707.6	2124.7	1154.6	660.6	422.6	380.9	363.1	357.1	351.1	351.1
42.5°	8034.7	5779.0	2392.6	1148.7	589.2	392.8	339.2	315.4	297.6	291.6	291.6
45°	7969.2	5814.8	2487.8	999.9	535.6	357.1	303.5	273.8	255.9	250.0	244.0
47.5°	7975.2	5850.5	2344.9	815.4	488.0	327.3	273.8	244.0	226.2	220.2	214.3
50°	7999.0	5790.9	1987.8	678.5	446.4	297.6	244.0	220.2	202.4	196.4	190.5
52.5°	7749.0	5475.5	1398.6	595.2	410.7	279.7	220.2	202.4	184.5	178.5	178.5
55°	7094.4	4719.7	946.3	529.7	380.9	255.9	202.4	190.5	172.6	160.7	160.7
57.5°	6046.9	3559.1	654.7	482.1	333.3	232.1	190.5	172.6	154.7	142.8	142.8
60°	4624.4	2321.1	476.1	440.4	273.8	214.3	178.5	166.6	142.8	130.9	125.0
62.5°	*2815.1*	*1303.4*	*386.9*	*386.9*	*232.1*	*202.4*	*160.7*	*148.8*	*125.0*	*107.1*	*101.2*
65°	1630.7	767.8	315.4	327.3	202.4	184.5	142.8	125.0	101.2	83.3	77.4
67.5°	785.6	446.4	250.0	232.1	178.5	154.7	125.0	107.1	89.3	71.4	65.5
70°	482.1	345.2	190.5	166.6	142.8	119.0	101.2	95.2	77.4	59.5	59.5
72.5°	392.8	279.7	148.8	119.0	107.1	83.3	83.3	77.4	59.5	47.6	41.7
75°	309.5	208.3	113.1	83.3	65.5	65.5	59.5	53.6	47.6	35.7	35.7
77.5°	166.6	142.8	83.3	47.6	35.7	41.7	41.7	35.7	29.8	23.8	23.8
80°	107.1	83.3	47.6	23.8	23.8	23.8	23.8	17.9	17.9	11.9	11.9
82.5°	53.6	41.7	23.8	6.0	11.9	11.9	11.9	11.9	11.9	6.0	6.0
85°	11.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
87.5°	0.0	0.0	0.0	0.0	0.0	6.0	6.0	6.0	6.0	6.0	6.0
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

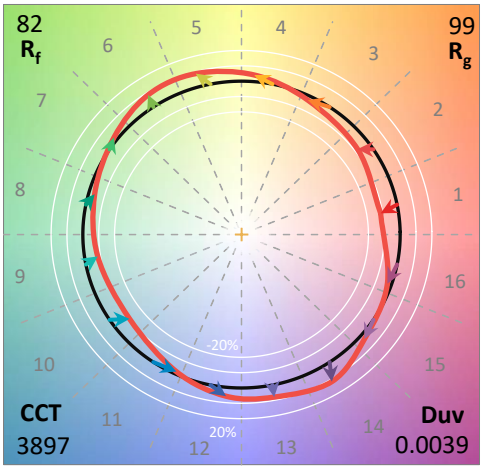
Test Information

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

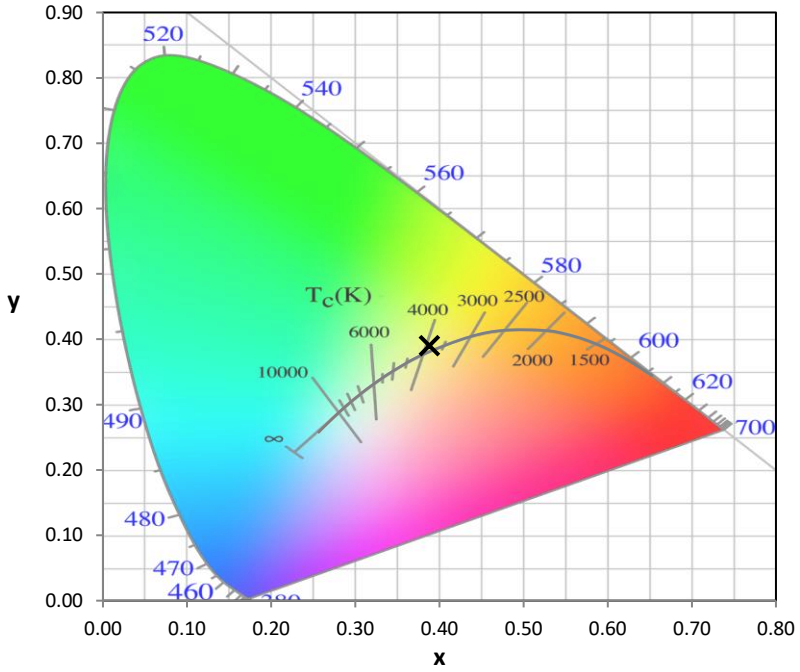
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

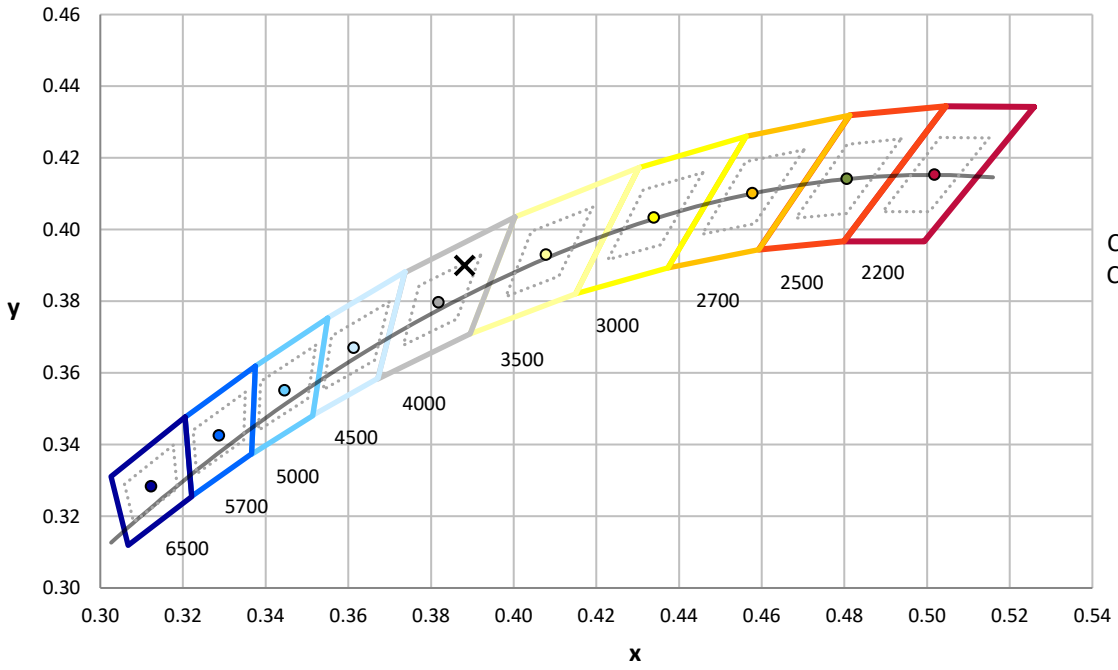
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

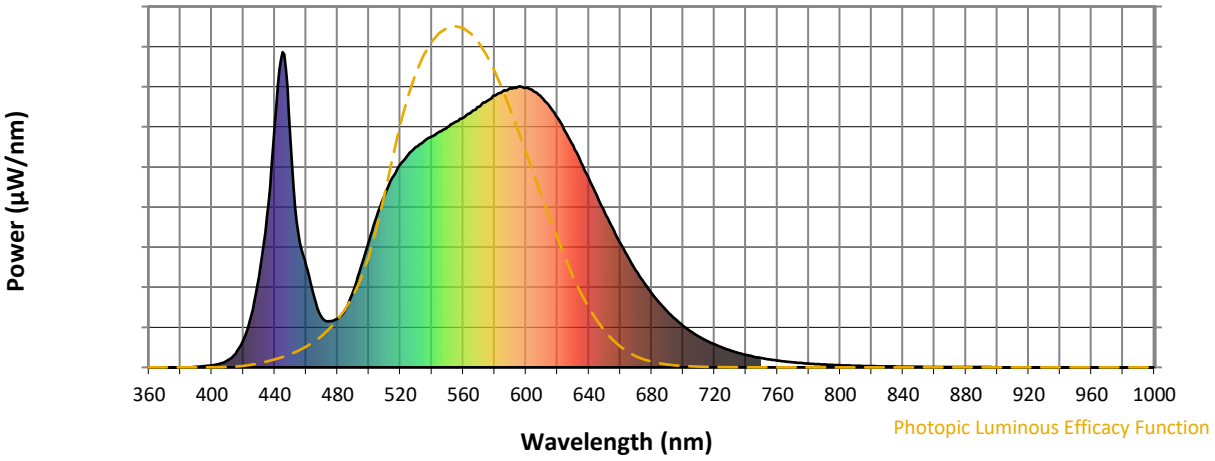


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

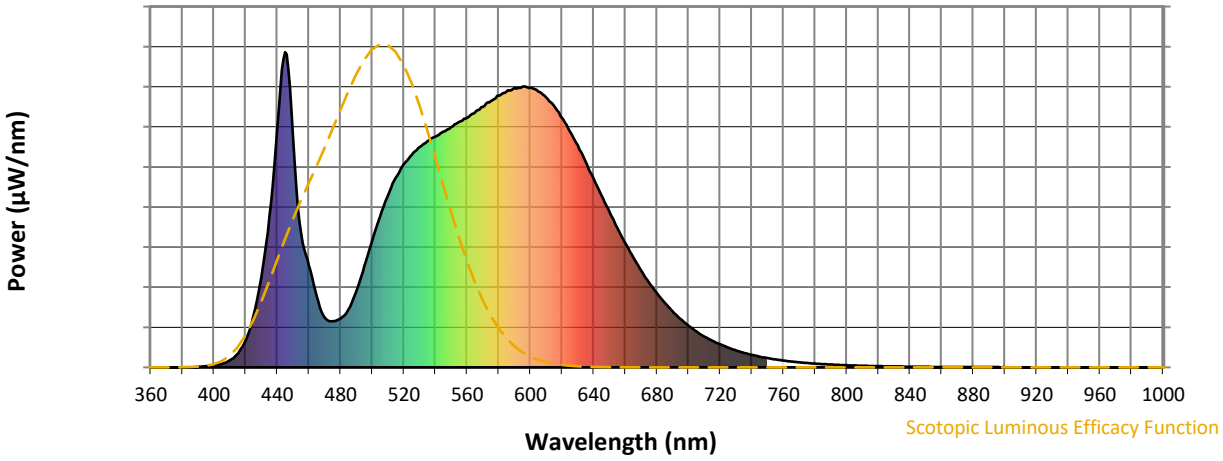


Photopic Lumens: NR

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

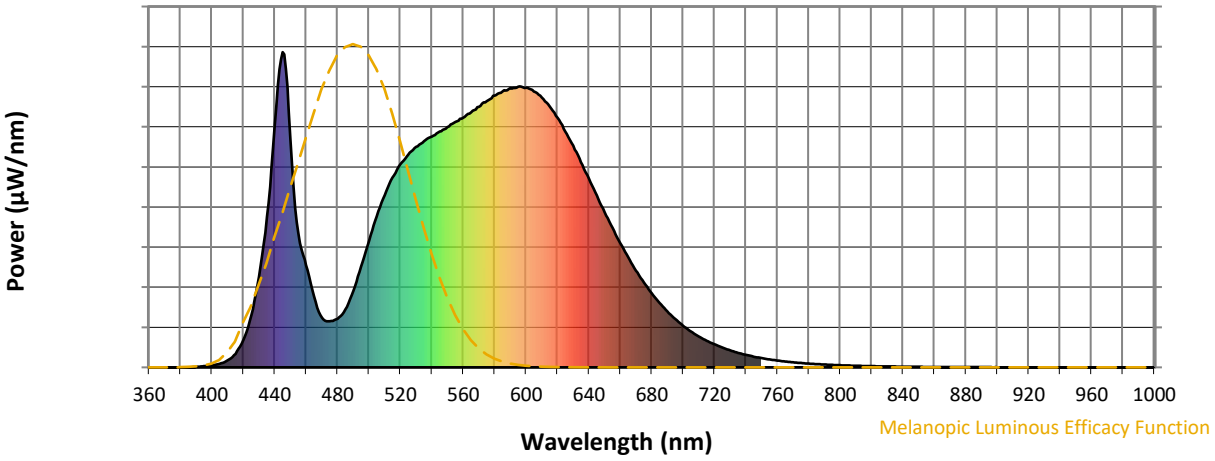


Scotopic Lumens: NR **S/P: 1.57**

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			

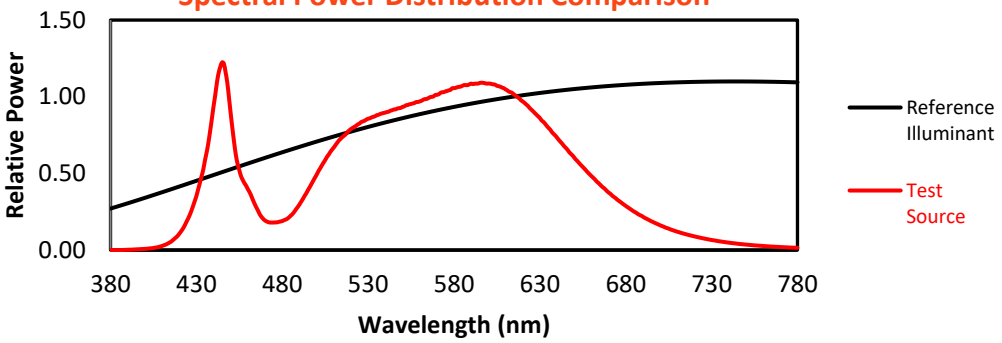
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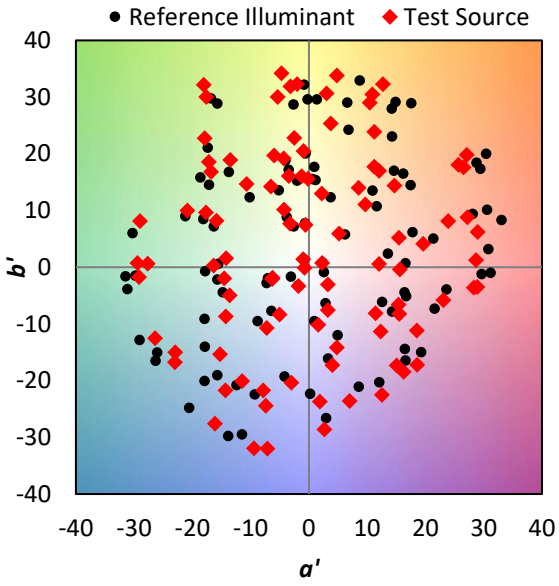
Summary

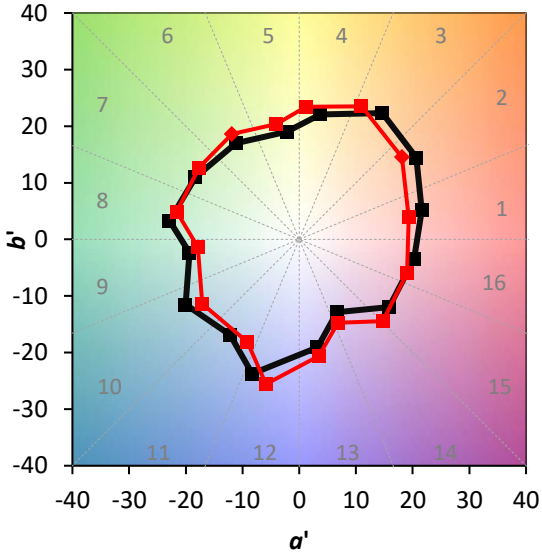
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

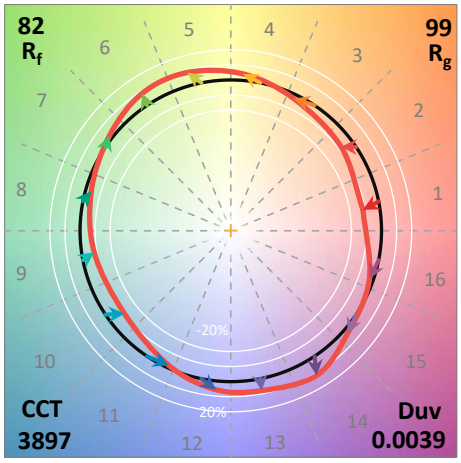
Spectral Power Distribution Comparison

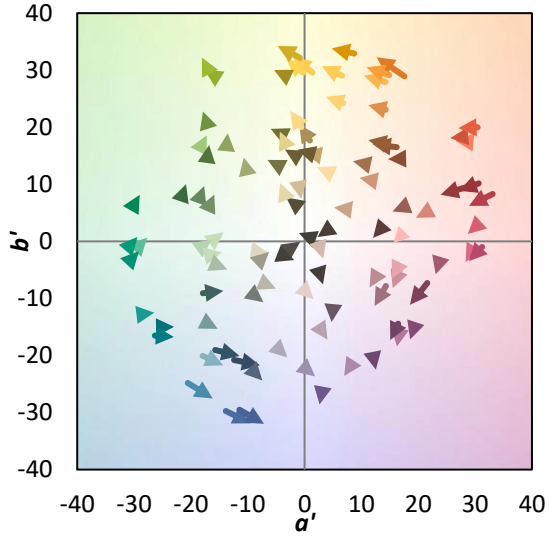


Color Vector Graphics







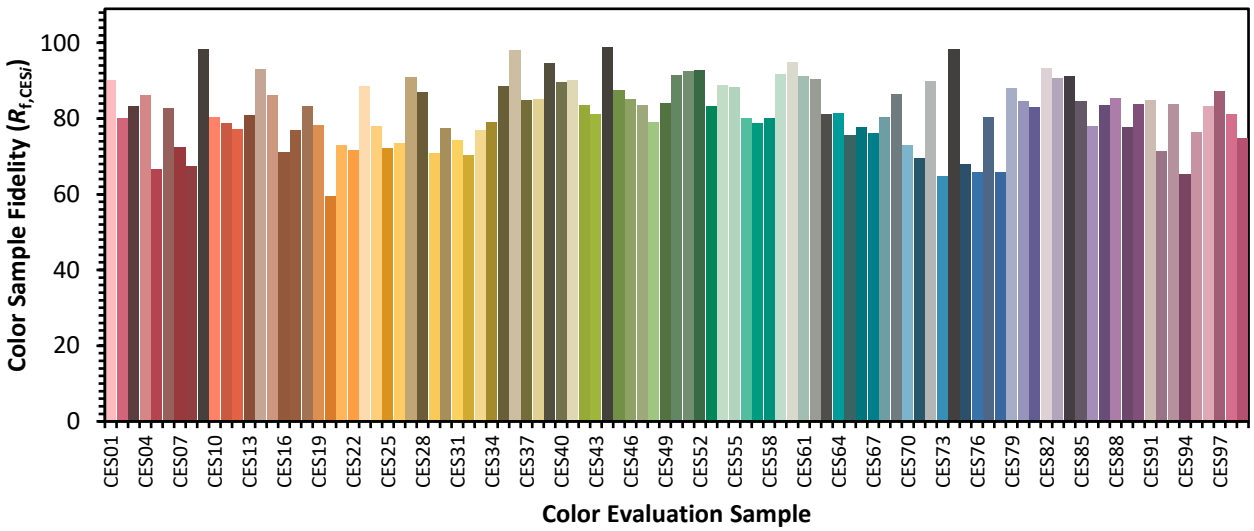


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Individual Sample Fidelity Index ($R_{f,i}$)

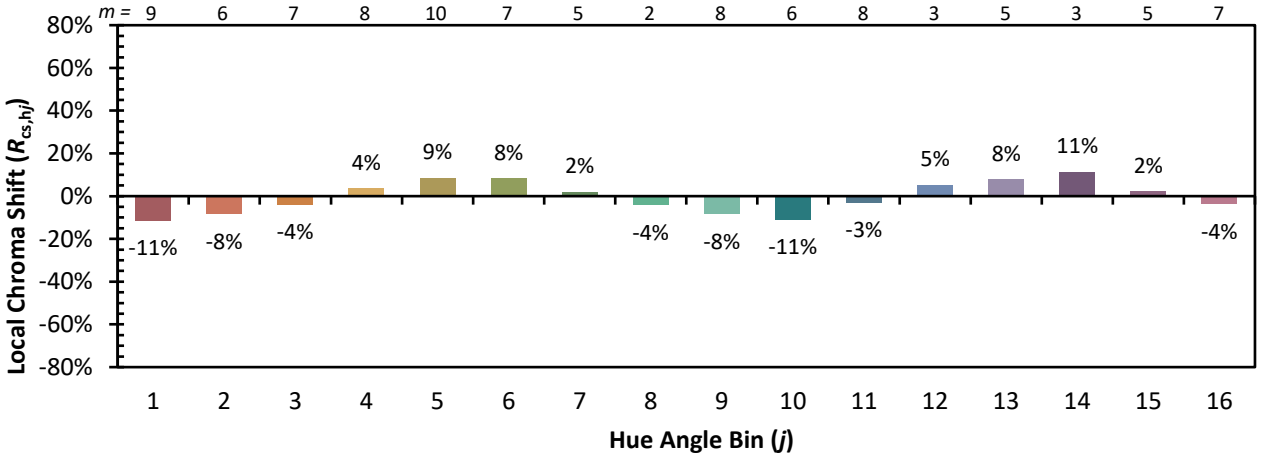
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 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	

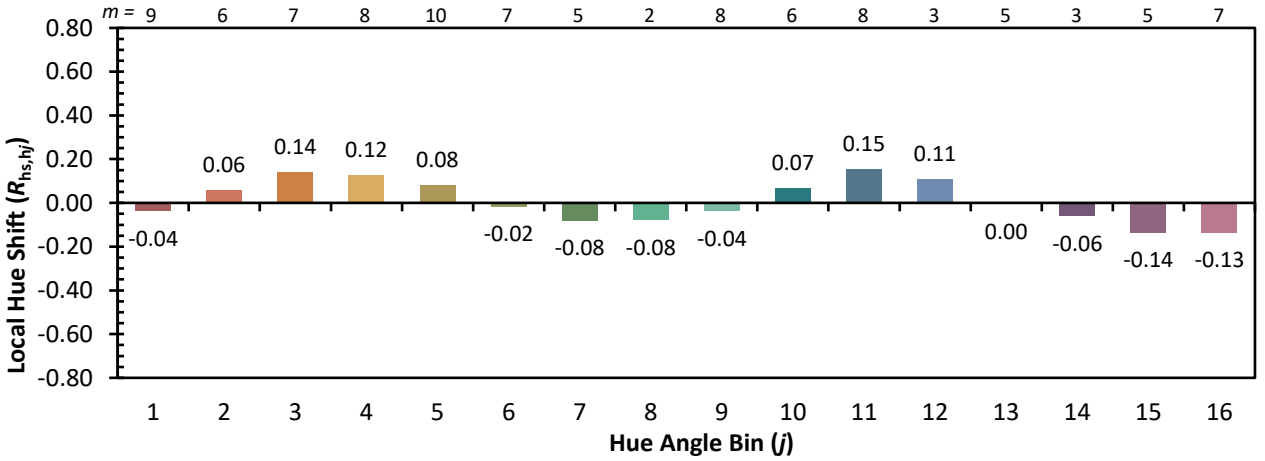


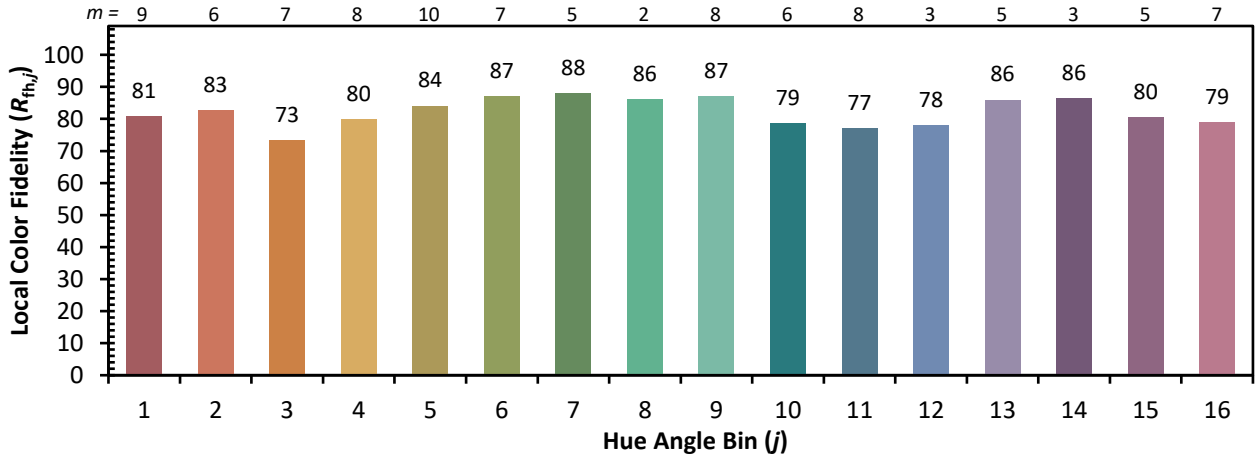
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Color Rendition by Hue-Angle Bin



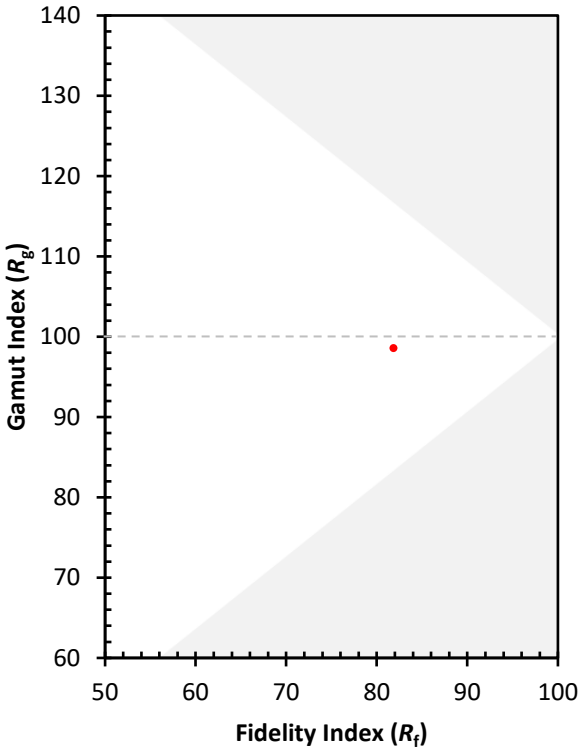


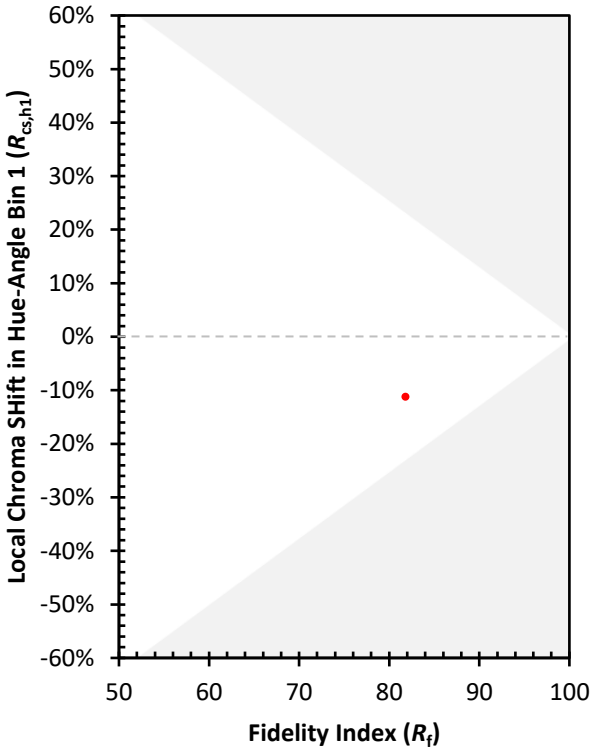


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Measure Comparisons





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