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: P1502735

Luminaire Tested: GSS-SB5C-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:	P1502735
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 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:	27871 lumens
Efficiency:	N/A
Efficacy:	110.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G3

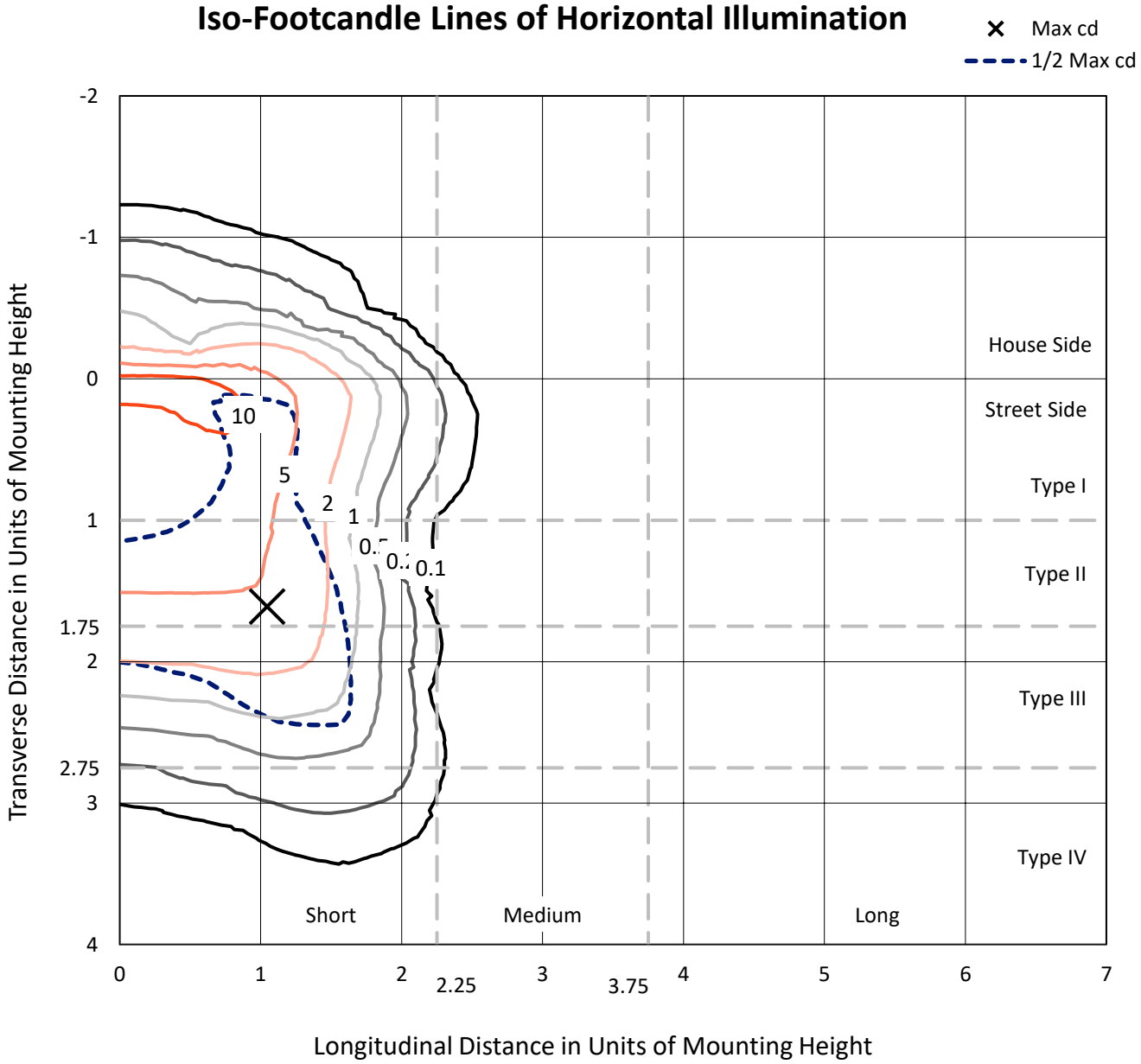
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502735
CATALOG NUMBER: GSS-SB5C-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



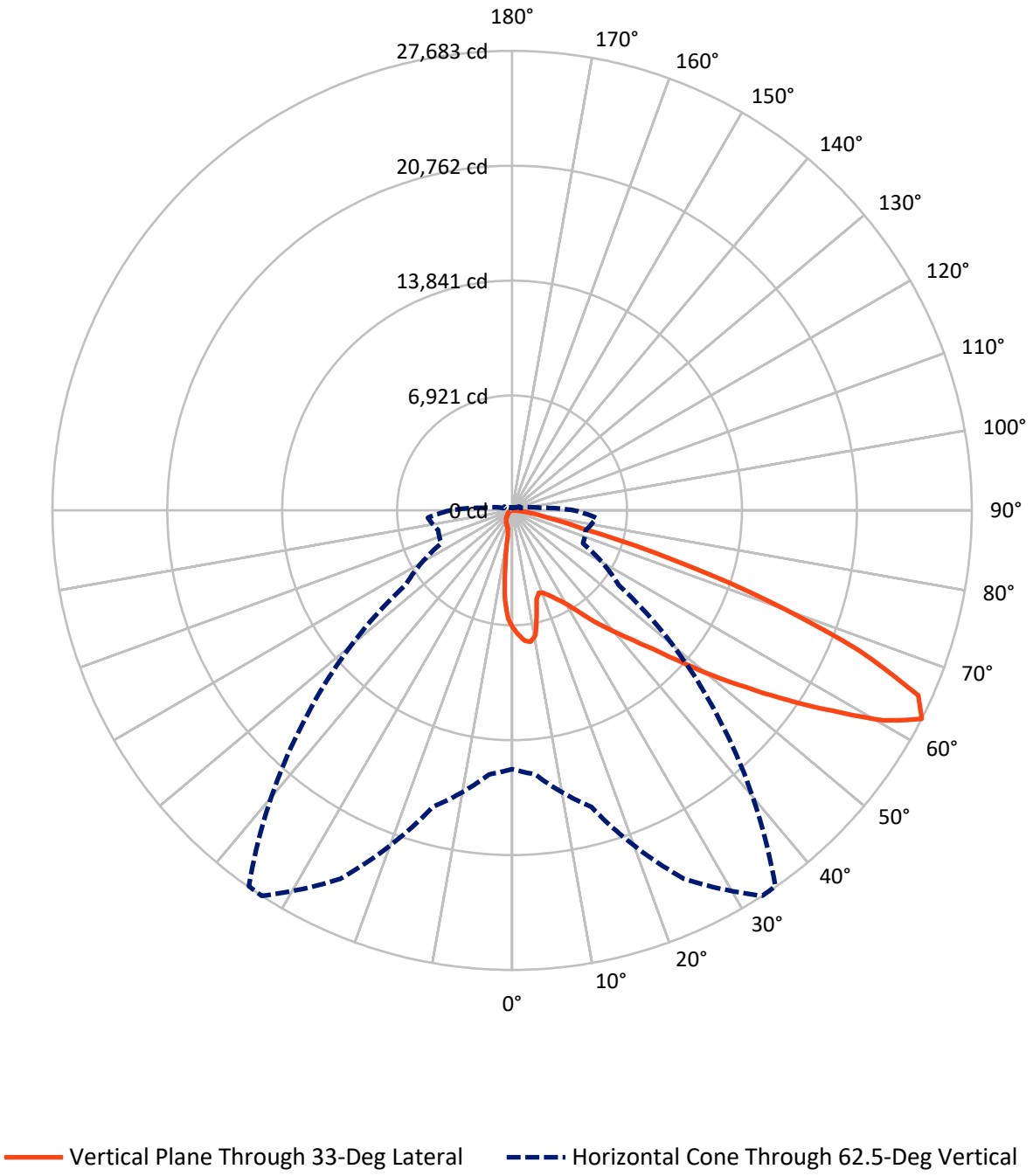
Based on 25 foot mounting height. Maximum calculated value = 13.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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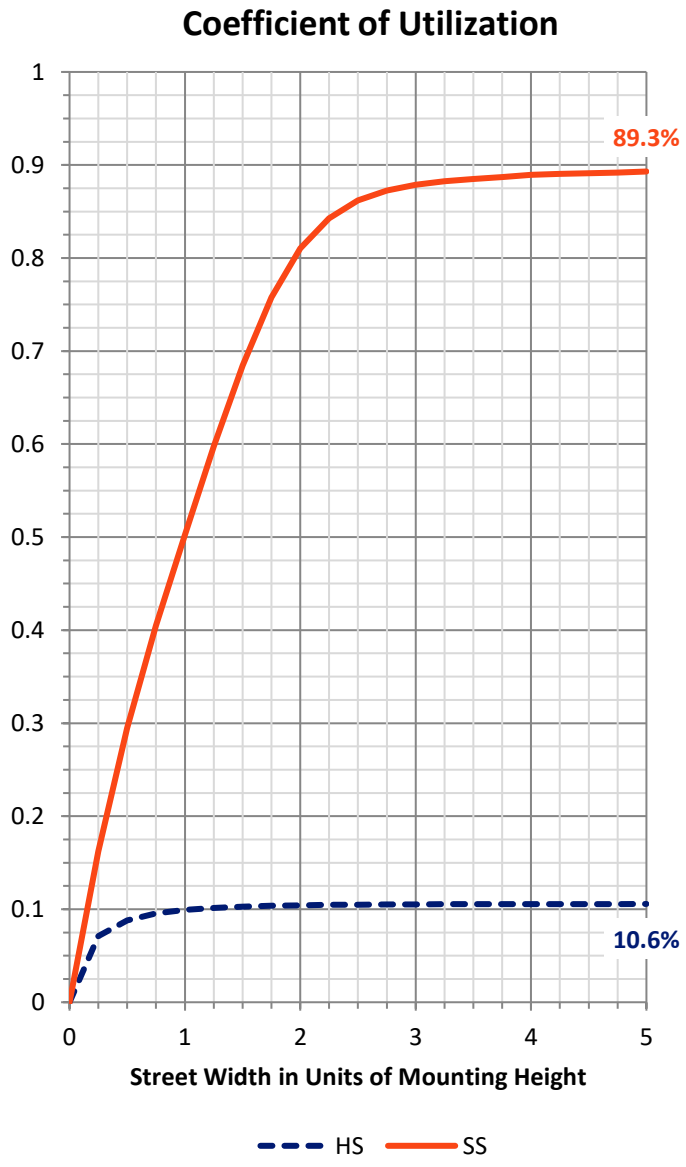
REPORT NUMBER: P1502735
CATALOG NUMBER: GSS-SB5C-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2965.7	0.0	2965.7
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	24905.3	0.0	24905.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	27871.0	0.0	27871.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	601.9	2.2
10°-20°	1343.1	4.8
20°-30°	2164.7	7.8
30°-40°	3601.2	12.9
40°-50°	5691.9	20.4
50°-60°	7646.9	27.4
60°-70°	5613.6	20.1
70°-80°	1111.0	4.0
80°-90°	96.5	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°	27871.0	100.0
0°-180°	27871.0	100.0



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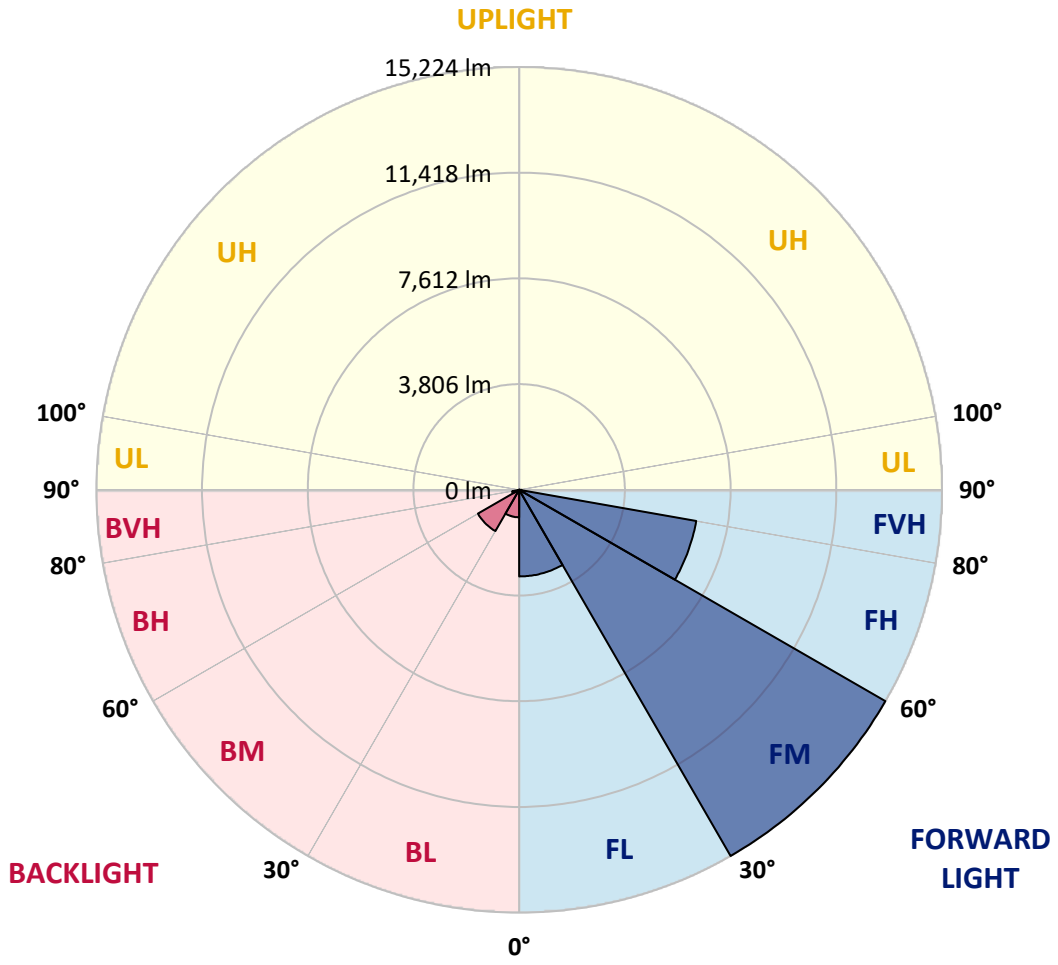
Scaled Data Report

REPORT NUMBER: P1502735
CATALOG NUMBER: GSS-SB5C-840-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3120.3	11.2			
FM	(30°-60°)	15224.5	54.6			
FH	(60°-80°)	6471.3	23.2			G3/7500
FVH	(80°-90°)	89.3	0.3			G1/100
BL	(0°-30°)	989.5	3.6	B2/1000		
BM	(30°-60°)	1715.6	6.2	B2/2500		
BH	(60°-80°)	253.4	0.9	B1/500		G1/500
BVH	(80°-90°)	7.2	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	7079.6	7079.6	7079.6	7079.6	*7079.6*	7079.6	7079.6	7079.6	7079.6	7079.6	7079.6
2.5°	7542.6	7574.0	7574.0	7511.2	*7495.5*	7464.1	7432.7	7424.9	7322.9	7244.4	7165.9
5°	7927.2	7919.4	7911.5	7880.1	*7888.0*	7848.7	7825.2	7785.9	7613.3	7495.5	7283.6
7.5°	7762.4	7833.0	7864.4	7950.8	*7990.0*	7982.2	8045.0	8060.6	7911.5	7746.7	7424.9
10°	6687.1	6647.9	6930.4	7299.3	*7668.2*	7754.5	8092.0	8272.6	8217.6	8068.5	7652.5
12.5°	5297.9	5337.1	5533.4	5965.0	*6569.4*	6757.8	7731.0	8445.2	8602.2	8508.0	7966.5
15°	4850.5	4850.5	4952.6	5156.6	*5517.7*	5698.2	6899.0	8421.7	9010.3	9018.2	8358.9
17.5°	4756.3	4772.0	4858.4	4991.8	*5227.3*	5305.7	6145.6	8076.3	9410.6	9551.9	8798.4
20°	4772.0	4795.6	4889.8	5078.1	*5305.7*	5399.9	5949.3	7636.8	9748.1	10132.7	9261.5
22.5°	4827.0	4819.1	4983.9	5235.1	*5525.5*	5611.8	6114.2	7456.3	10030.7	10799.9	9803.1
25°	4889.8	4897.6	5109.5	5462.7	*5815.9*	5917.9	6483.1	7621.1	10234.7	11514.1	10352.5
27.5°	5078.1	5101.7	5360.7	5745.3	*6161.3*	6294.7	6961.8	8052.8	10587.9	12204.8	10949.0
30°	5368.5	5392.1	5690.3	6153.4	*6600.8*	6804.9	7558.3	8594.4	11113.8	13005.4	11561.2
32.5°	5706.0	5737.4	6122.0	6655.7	*7197.3*	7393.5	8241.2	9418.5	11812.3	13821.6	12196.9
35°	6129.9	6216.2	6632.2	7267.9	*7997.9*	8186.2	9081.0	10352.5	12722.8	14551.6	12738.5
37.5°	6710.7	6781.3	7291.5	8084.2	*8822.0*	9073.1	10022.8	11333.6	13546.9	15203.0	13178.0
40°	7417.1	7479.8	8052.8	8916.2	*9685.3*	9897.3	11011.8	12322.5	14433.8	15564.0	13272.2
42.5°	8594.4	8767.0	9128.1	9858.0	*10682.1*	10949.0	12110.6	13280.1	15077.4	15634.7	13123.1
45°	10650.7	10705.7	10784.2	11129.5	*11922.2*	12157.7	13272.2	14112.0	15462.0	15650.4	12989.7
47.5°	12620.8	12809.1	12919.0	13076.0	*13554.8*	13641.1	14488.8	14857.7	15768.1	15595.4	12989.7
50°	14590.8	14732.1	14920.4	15108.8	*15619.0*	15650.4	15776.0	15360.0	15783.8	15148.1	12911.2
52.5°	16380.3	16427.4	16749.2	17110.2	*17746.0*	17918.7	16969.0	15728.9	14834.1	13735.3	12542.3
55°	17981.4	18044.2	18530.9	19268.6	*20179.1*	20406.7	18428.8	15014.6	12801.3	11906.5	11686.8
57.5°	19017.5	19166.6	20139.8	21764.5	*22792.7*	22690.7	19559.0	13342.8	10281.8	9740.3	10172.0
60°	18499.5	18703.5	20752.0	23860.1	*25688.9*	25390.7	19245.1	10980.4	7597.6	7205.1	8052.8
62.5°	*15587.6*	*15964.3*	*18499.5*	*24480.2*	*27682.5*	*27635.4*	*17471.3*	*7833.0*	*4709.2*	*4607.2*	*5086.0*
65°	10839.1	11490.5	14496.6	22408.1	*26881.9*	26952.5	14708.5	4560.1	2181.9	2707.8	2974.7
67.5°	6388.9	6851.9	9340.0	18295.4	*22557.3*	21905.8	9999.3	2111.3	1091.0	1648.2	1577.6
70°	2809.8	3123.8	5352.8	12675.7	*16435.2*	15383.5	4881.9	1028.2	832.0	996.8	871.2
72.5°	1546.2	1687.5	2817.7	6695.0	*9999.3*	9504.8	1648.2	682.8	714.2	745.6	627.9
75°	863.4	926.2	1483.4	3869.4	*4395.3*	4089.2	800.6	447.4	604.4	604.4	463.1
77.5°	502.3	557.3	926.2	2409.6	*2409.6*	1946.5	486.6	282.6	455.2	408.1	251.2
80°	235.5	266.9	510.2	1334.3	*1522.7*	1255.8	274.7	196.2	298.3	259.0	164.8
82.5°	70.6	86.3	251.2	518.0	*863.4*	737.8	141.3	125.6	219.8	164.8	94.2
85°	47.1	54.9	125.6	211.9	*423.8*	368.9	47.1	39.2	94.2	78.5	39.2
87.5°	7.8	7.8	15.7	15.7	*15.7*	15.7	7.8	7.8	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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Scaled Data Report

REPORT NUMBER: P1502735
CATALOG NUMBER: GSS-SB5C-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7079.6	7079.6	7079.6	7079.6	7079.6	7079.6	7079.6	7079.6	7079.6	7079.6	7079.6
2.5°	7118.8	7063.9	6938.3	6820.5	6757.8	6616.5	6561.5	6498.8	6467.4	6459.5	6412.4
5°	7150.2	7048.2	6734.2	6420.3	6090.6	5776.7	5454.9	5172.3	4944.7	4952.6	4960.4
7.5°	7244.4	7040.3	6490.9	5863.0	5156.6	4340.3	3469.1	2817.7	2401.7	2315.4	2236.9
10°	7370.0	7071.7	6192.7	5031.0	3641.8	2291.8	1616.8	1381.4	1279.3	1255.8	1263.6
12.5°	7605.4	7150.2	5815.9	3885.1	2017.1	1318.6	1169.5	1130.2	1114.5	1114.5	1114.5
15°	7895.8	7260.1	5227.3	2543.0	1318.6	1098.8	1067.4	1059.6	1043.9	1043.9	1051.7
17.5°	8139.1	7260.1	4450.2	1656.1	1083.1	1020.3	996.8	988.9	988.9	996.8	988.9
20°	8406.0	7205.1	3579.0	1247.9	1004.6	949.7	934.0	934.0	934.0	941.8	941.8
22.5°	8680.7	7111.0	2770.6	1067.4	934.0	886.9	879.1	886.9	894.8	902.6	902.6
25°	8986.8	6993.2	2189.8	988.9	871.2	832.0	832.0	832.0	839.8	855.5	863.4
27.5°	9324.3	6891.2	1875.8	941.8	816.3	777.0	777.0	784.9	800.6	808.4	816.3
30°	9638.2	6891.2	1773.8	965.4	792.7	745.6	729.9	737.8	753.5	769.2	769.2
32.5°	10030.7	6969.7	1828.8	1067.4	784.9	698.5	682.8	682.8	698.5	706.4	706.4
35°	10360.3	7118.8	2017.1	1208.7	816.3	659.3	627.9	620.0	635.7	627.9	635.7
37.5°	10627.2	7322.9	2362.5	1397.1	879.1	612.2	573.0	549.4	549.4	549.4	549.4
40°	10705.7	7526.9	2802.0	1522.7	871.2	557.3	502.3	478.8	470.9	463.1	463.1
42.5°	10595.8	7621.1	3155.2	1514.8	777.0	518.0	447.4	416.0	392.4	384.6	384.6
45°	10509.5	7668.2	3280.8	1318.6	706.4	470.9	400.3	361.0	337.5	329.6	321.8
47.5°	10517.3	7715.3	3092.4	1075.3	643.6	431.7	361.0	321.8	298.3	290.4	282.6
50°	10548.7	7636.8	2621.5	894.8	588.7	392.4	321.8	290.4	266.9	259.0	251.2
52.5°	10219.0	7220.8	1844.5	784.9	541.6	368.9	290.4	266.9	243.3	235.5	235.5
55°	9355.7	6224.0	1247.9	698.5	502.3	337.5	266.9	251.2	227.6	211.9	211.9
57.5°	7974.3	4693.5	863.4	635.7	439.5	306.1	251.2	227.6	204.1	188.4	188.4
60°	6098.5	3061.0	627.9	580.8	361.0	282.6	235.5	219.8	188.4	172.7	164.8
62.5°	*3712.5*	*1718.9*	*510.2*	*510.2*	*306.1*	*266.9*	*211.9*	*196.2*	*164.8*	*141.3*	*133.4*
65°	2150.6	1012.5	416.0	431.7	266.9	243.3	188.4	164.8	133.4	109.9	102.0
67.5°	1036.0	588.7	329.6	306.1	235.5	204.1	164.8	141.3	117.7	94.2	86.3
70°	635.7	455.2	251.2	219.8	188.4	157.0	133.4	125.6	102.0	78.5	78.5
72.5°	518.0	368.9	196.2	157.0	141.3	109.9	109.9	102.0	78.5	62.8	54.9
75°	408.1	274.7	149.1	109.9	86.3	86.3	78.5	70.6	62.8	47.1	47.1
77.5°	219.8	188.4	109.9	62.8	47.1	54.9	54.9	47.1	39.2	31.4	31.4
80°	141.3	109.9	62.8	31.4	31.4	31.4	31.4	23.5	23.5	15.7	15.7
82.5°	70.6	54.9	31.4	7.8	15.7	15.7	15.7	15.7	15.7	7.8	7.8
85°	15.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
87.5°	0.0	0.0	0.0	0.0	0.0	7.8	7.8	7.8	7.8	7.8	7.8
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

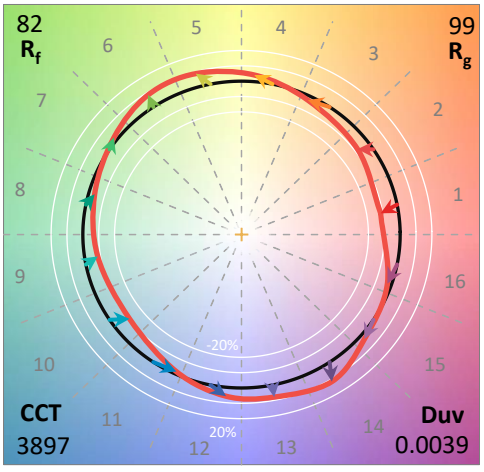
Test Information

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

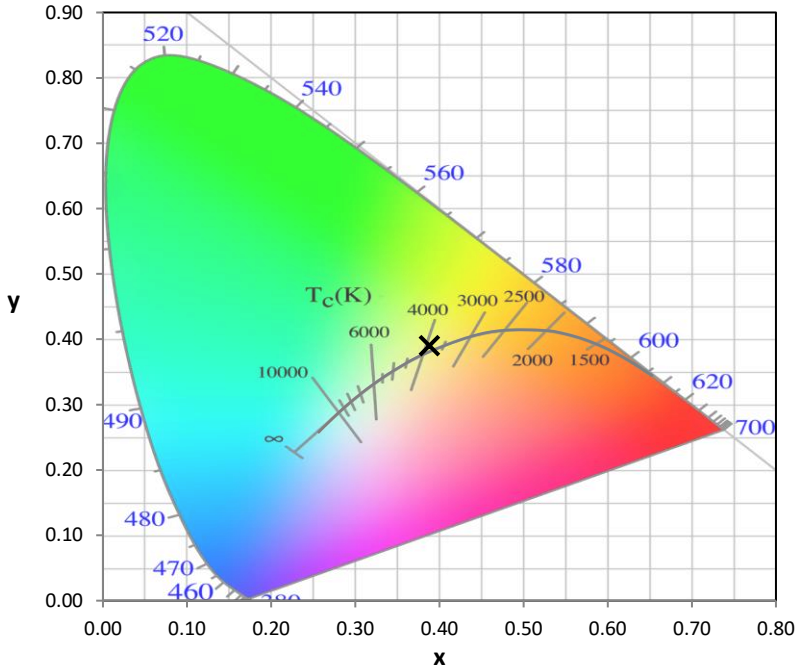
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

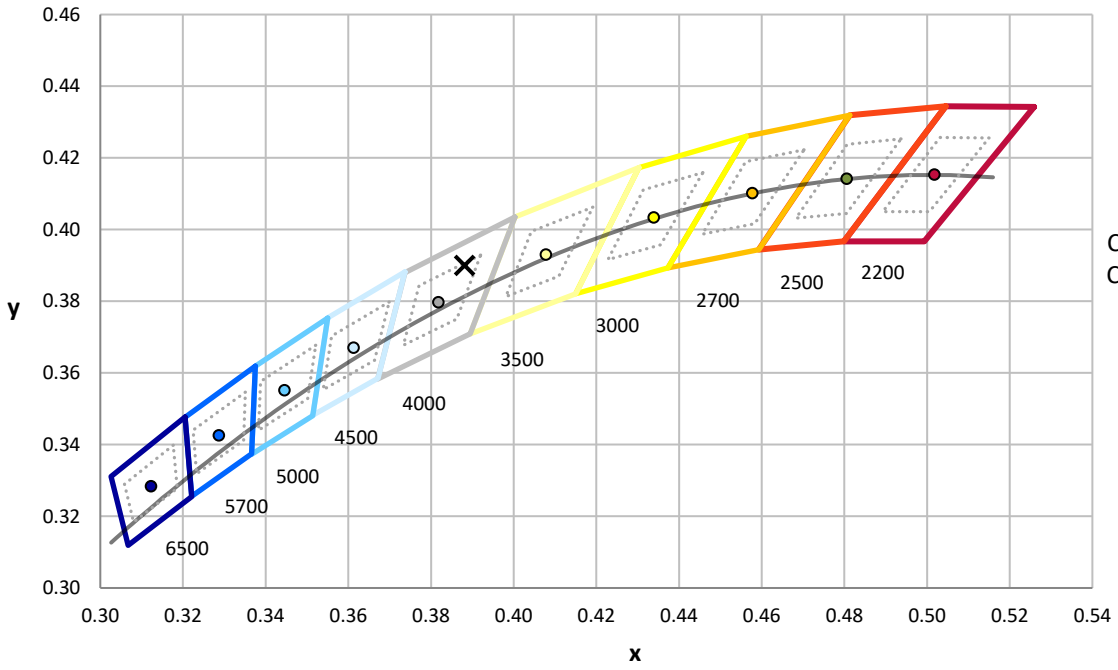
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

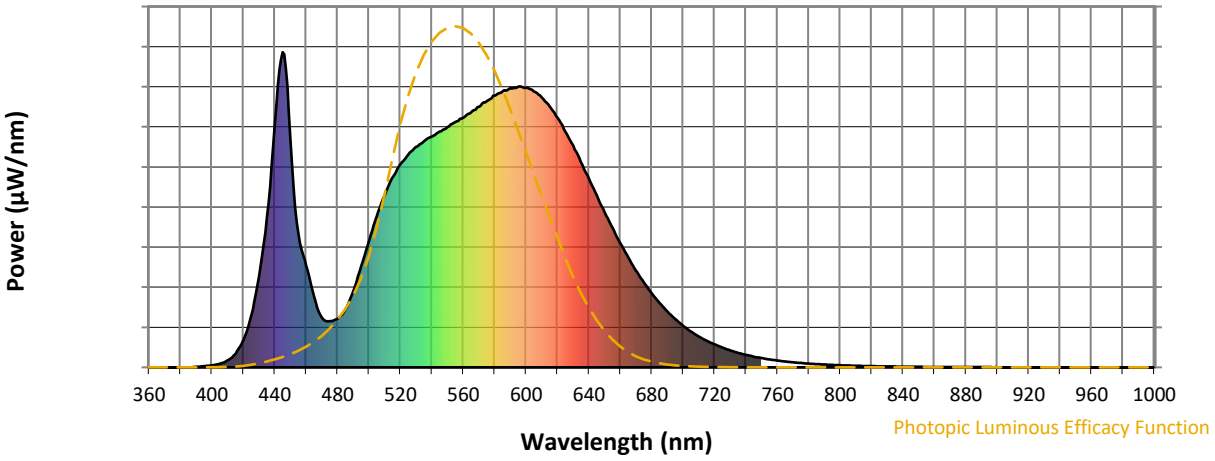


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

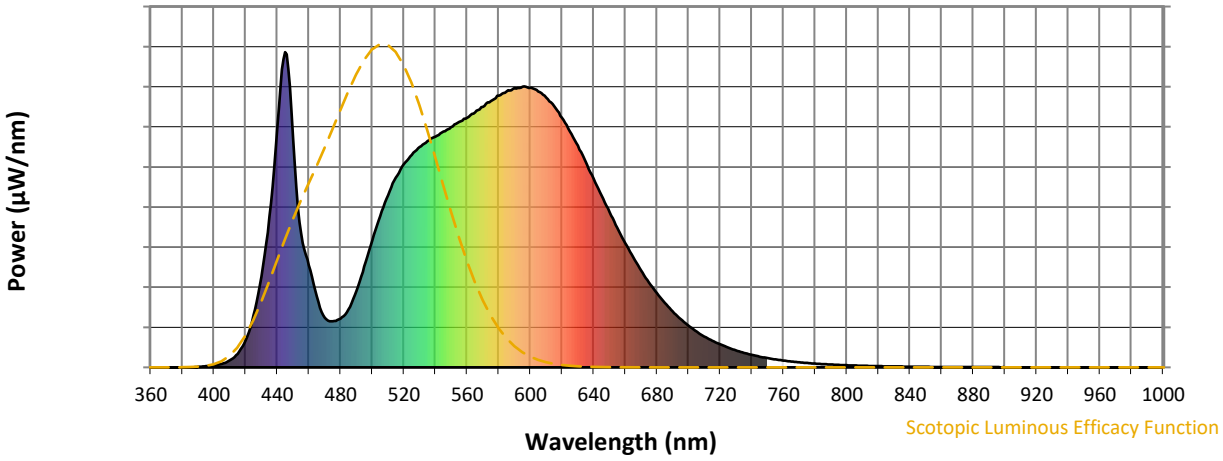


Photopic Lumens: NR

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

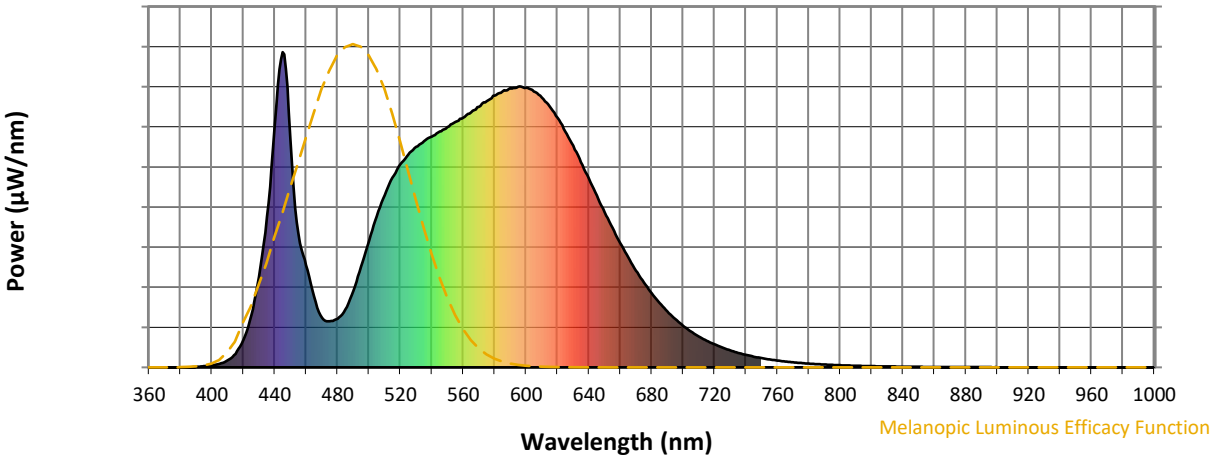


Scotopic Lumens: NR **S/P: 1.57**

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			

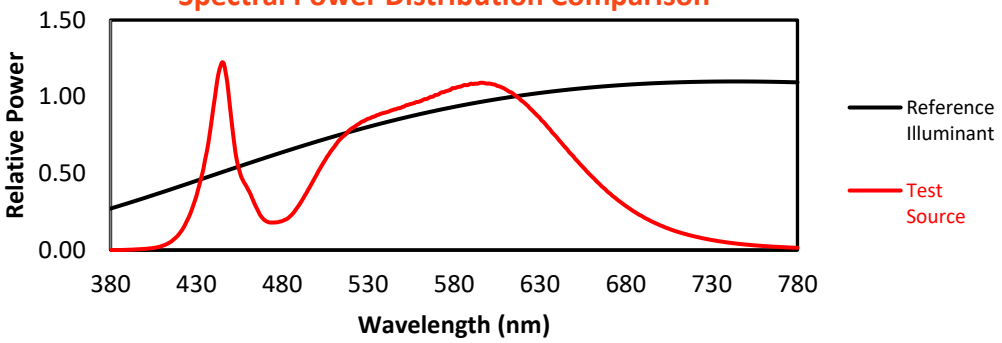
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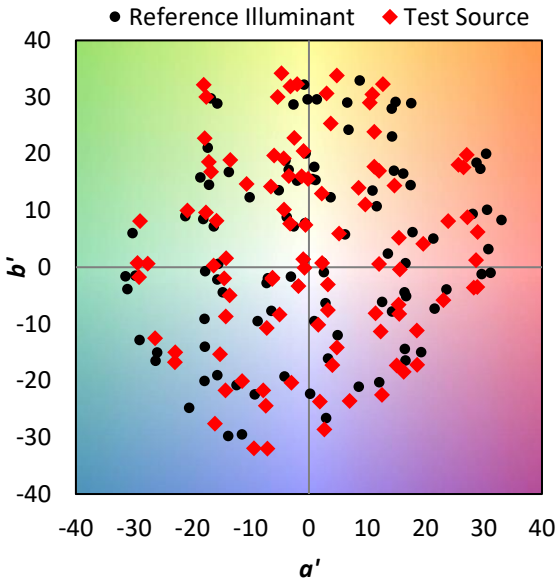
Summary

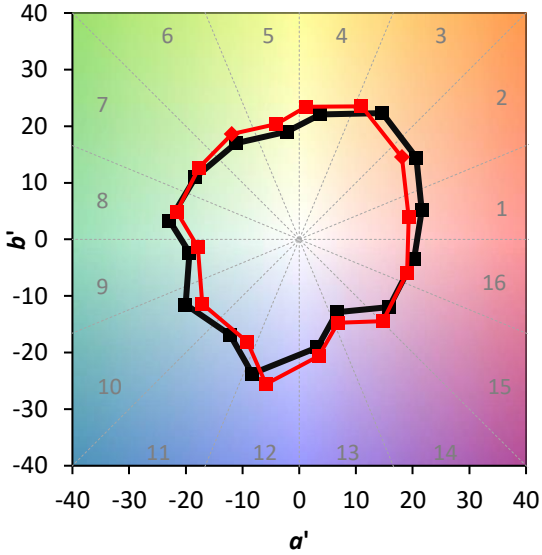
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

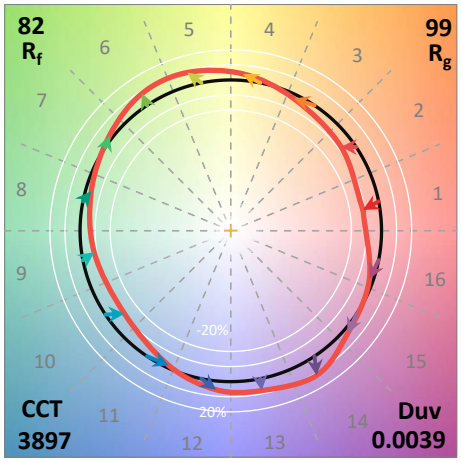
Spectral Power Distribution Comparison

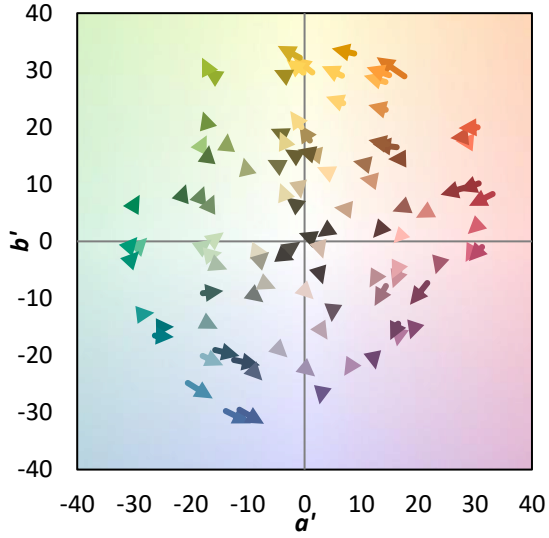


Color Vector Graphics







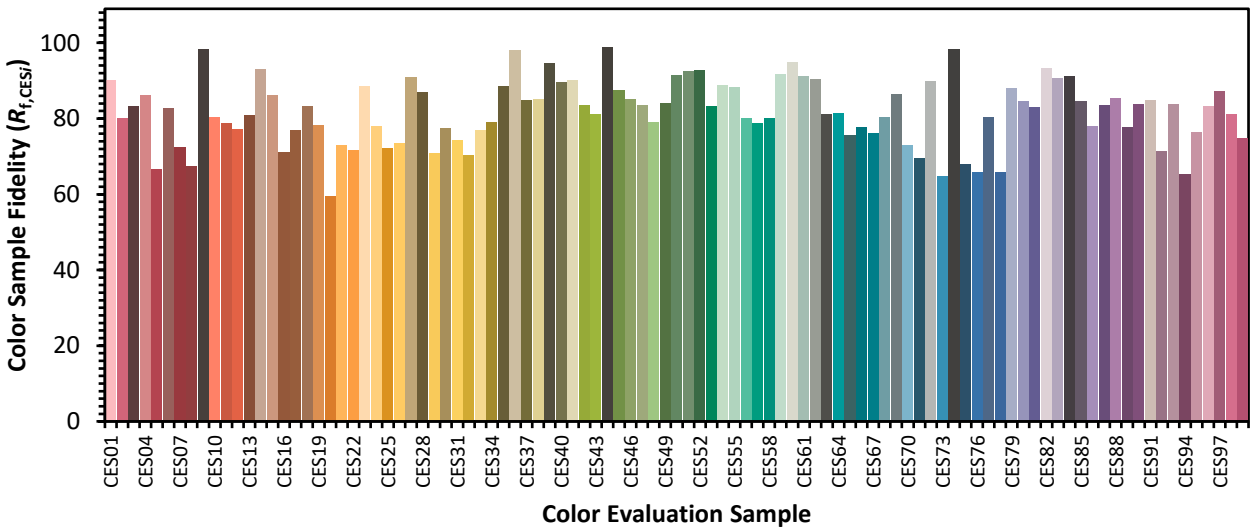


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Individual Sample Fidelity Index ($R_{f,i}$)

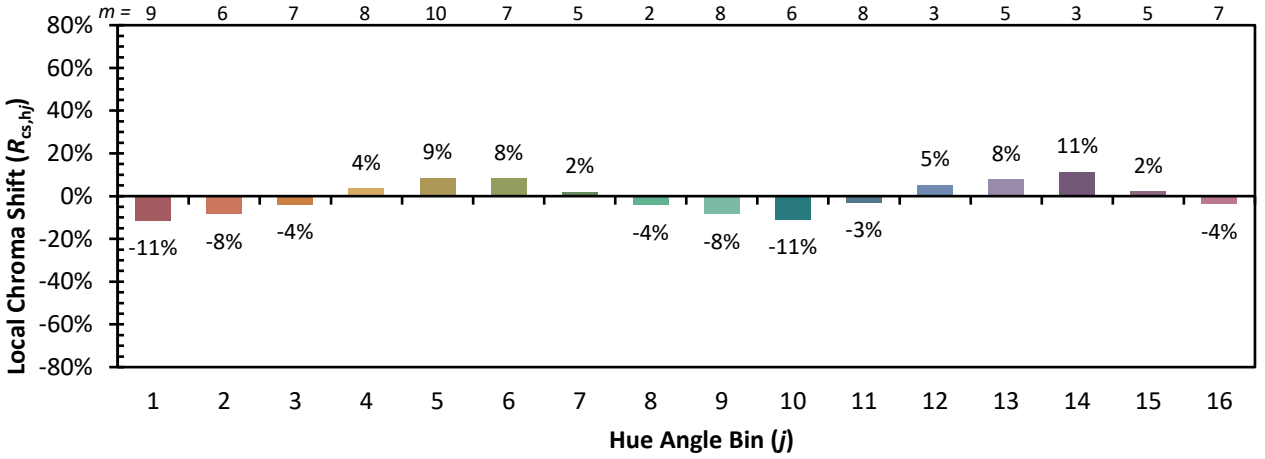
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

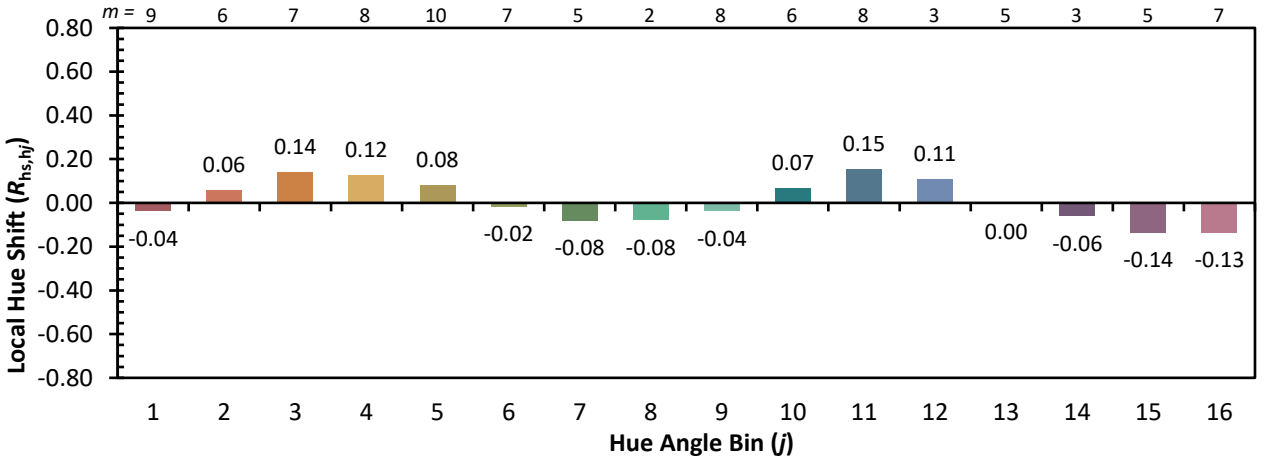


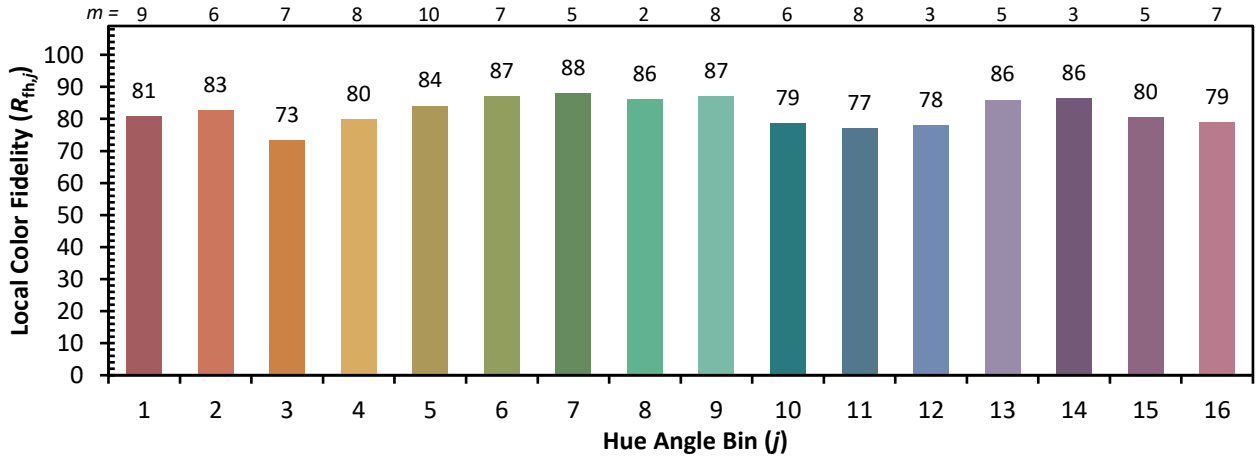
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Color Rendition by Hue-Angle Bin



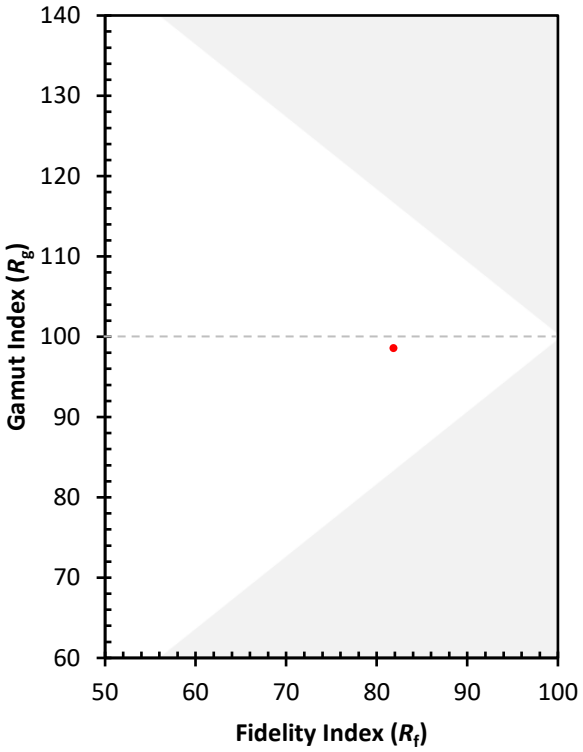


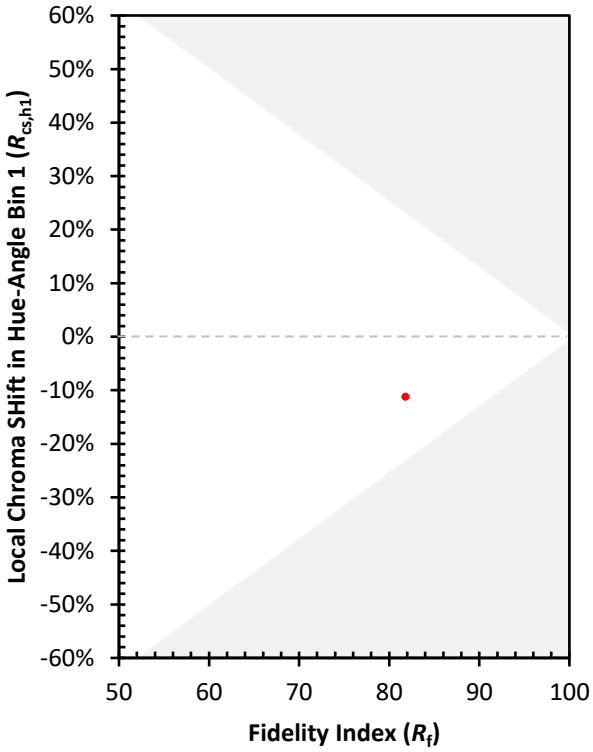


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Measure Comparisons





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