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: P1500811

Luminaire Tested: GSS-SB4C-840-U-T4LG

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:	P1500811
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-840-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27743.9 lumens
Efficiency:	N/A
Efficacy:	136.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

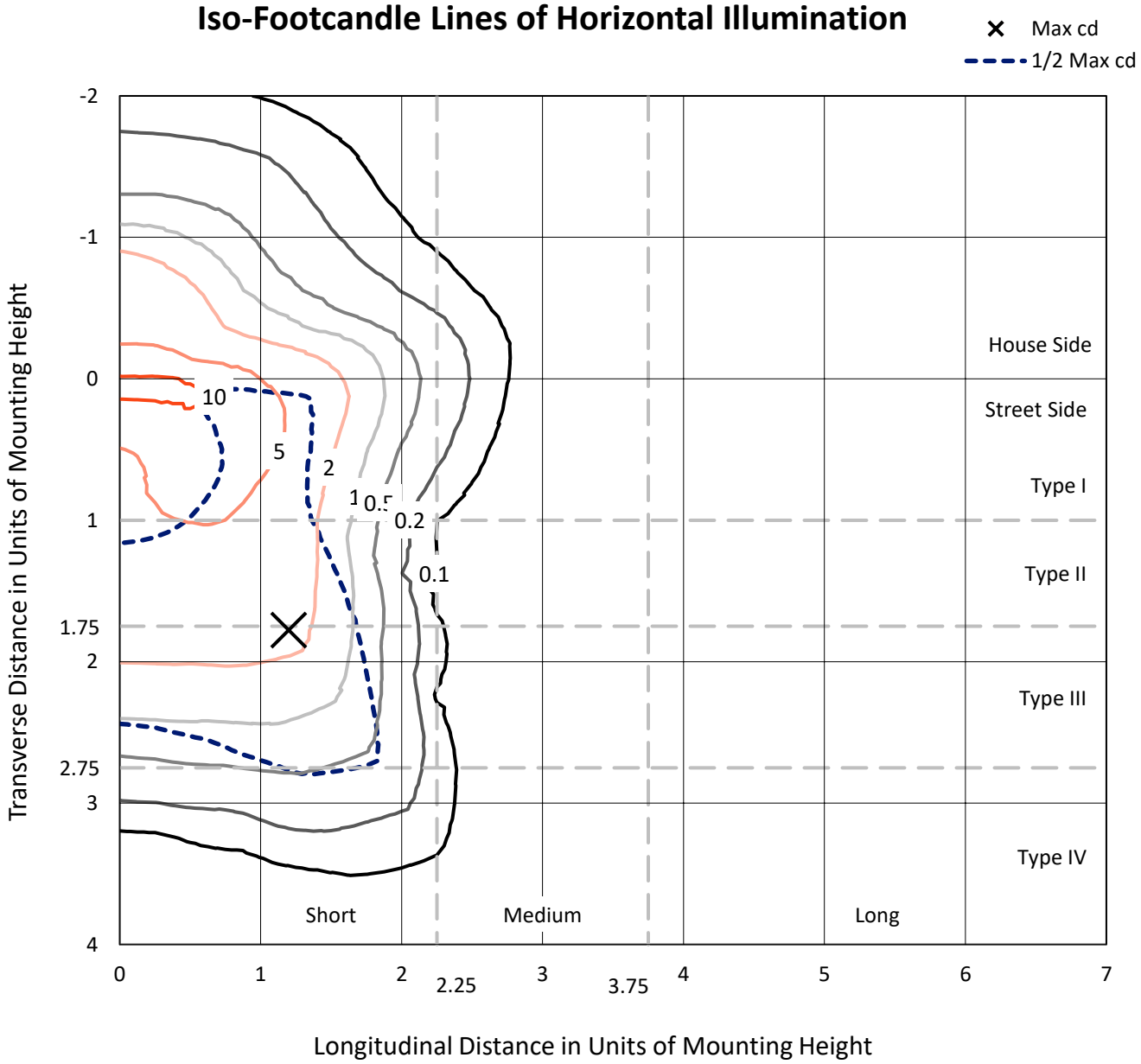
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1500811
CATALOG NUMBER: GSS-SB4C-840-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



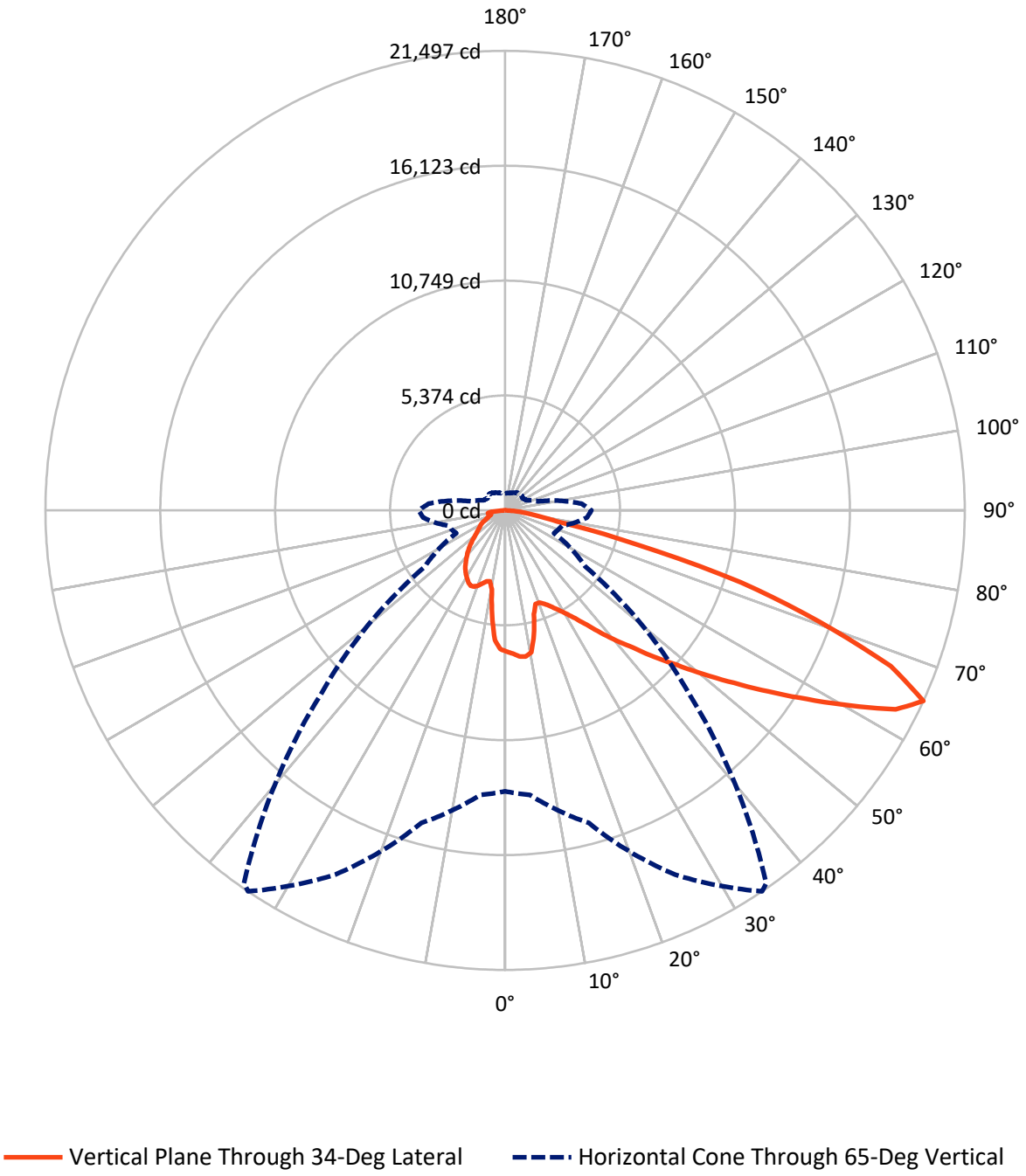
Based on 25 foot mounting height. Maximum calculated value = 11.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1500811
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Luminous Intensity Polar Plot



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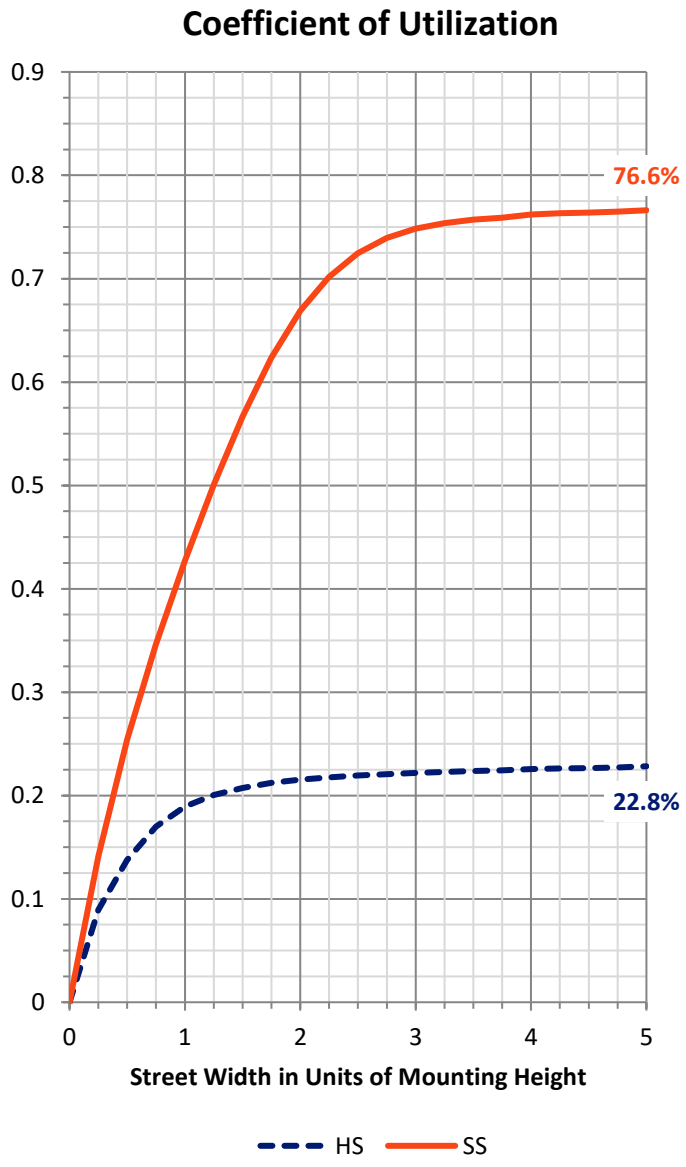
REPORT NUMBER: P1500811
CATALOG NUMBER: GSS-SB4C-840-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6454.8	0.0	6454.8
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	21289.1	0.0	21289.1
	% Fixture	76.7	0.0	76.7
Total	Lumens	27743.9	0.0	27743.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	594.6	2.1
10°-20°	1496.7	5.4
20°-30°	2480.9	8.9
30°-40°	3731.1	13.4
40°-50°	5227.2	18.8
50°-60°	6590.7	23.8
60°-70°	5668.5	20.4
70°-80°	1685.3	6.1
80°-90°	268.9	1.0
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°	27743.9	100.0
0°-180°	27743.9	100.0



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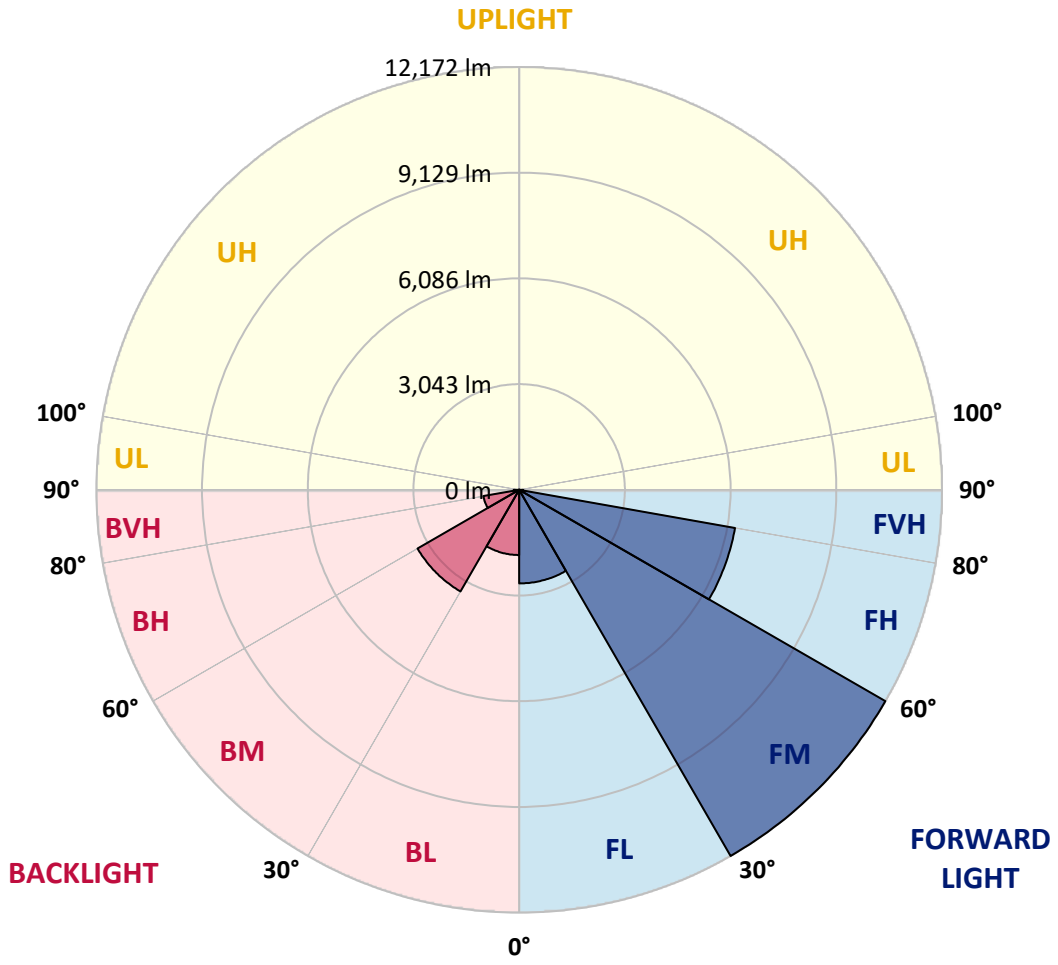
Scaled Data Report

REPORT NUMBER: P1500811
CATALOG NUMBER: GSS-SB4C-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2694.2	9.7			
FM	(30°-60°)	12172.1	43.9			
FH	(60°-80°)	6309.1	22.7			G3/7500
FVH	(80°-90°)	113.8	0.4			G2/225
BL	(0°-30°)	1878.1	6.8	B3/2500		
BM	(30°-60°)	3376.9	12.2	B3/5000		
BH	(60°-80°)	1044.7	3.8	B3/2500		G3/2500
BVH	(80°-90°)	155.1	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2
2.5°	6721.9	6759.6	6715.6	6696.7	6703.0	6709.3	6677.9	6684.2	6646.5	6646.5	6615.1
5°	6866.4	6872.6	6847.5	6866.4	6860.1	6853.8	6853.8	6847.5	6765.8	6747.0	6715.6
7.5°	6784.7	6809.8	6822.4	6891.5	6910.3	6948.0	6973.2	6985.7	6922.9	6872.6	6791.0
10°	6037.1	6056.0	6200.5	6514.6	6753.3	6797.3	7029.7	7161.6	7117.6	7092.5	6954.3
12.5°	4824.7	4856.1	5019.4	5427.8	5986.9	6106.2	6847.5	7293.5	7394.1	7400.3	7199.3
15°	4303.3	4303.3	4353.5	4585.9	5038.3	5132.5	6225.6	7331.2	7689.3	7733.3	7488.3
17.5°	4196.5	4190.2	4221.6	4359.8	4598.5	4655.1	5509.4	7136.5	8041.1	8116.5	7802.4
20°	4190.2	4171.3	4234.2	4391.2	4598.5	4648.8	5176.5	6797.3	8317.5	8556.3	8116.5
22.5°	4196.5	4196.5	4284.4	4510.6	4749.3	4793.3	5239.3	6514.6	8543.7	9014.8	8449.5
25°	4265.6	4253.0	4378.6	4655.1	4981.7	5013.1	5496.9	6502.0	8738.4	9530.0	8851.5
27.5°	4378.6	4384.9	4554.5	4887.5	5258.1	5321.0	5854.9	6772.1	8977.2	10095.4	9241.0
30°	4617.4	4623.6	4824.7	5163.9	5591.1	5672.8	6269.6	7174.2	9316.4	10704.7	9661.9
32.5°	4887.5	4918.9	5163.9	5559.7	6018.3	6062.2	6778.4	7777.3	9825.2	11314.1	10114.2
35°	5339.8	5371.2	5647.6	6062.2	6571.1	6633.9	7400.3	8474.6	10447.2	11929.8	10466.0
37.5°	5924.0	5949.2	6219.3	6721.9	7262.1	7325.0	8091.4	9215.9	11075.4	12419.8	10780.1
40°	6621.4	6677.9	6966.9	7456.9	8003.4	8041.1	8845.2	9932.0	11753.9	12759.0	10905.8
42.5°	7381.5	7438.0	7733.3	8273.6	8776.1	8889.2	9661.9	10692.2	12306.7	12909.8	10805.3
45°	8355.2	8342.7	8619.1	9184.5	9775.0	9819.0	10535.1	11320.4	12639.6	12784.1	10704.7
47.5°	9536.3	9548.8	9724.7	10183.3	10792.7	10893.2	11446.0	11860.6	12834.4	12683.6	10591.7
50°	10868.1	10899.5	11050.3	11383.2	12036.5	12105.7	12269.0	12237.6	12953.7	12470.0	10635.6
52.5°	12199.9	12218.7	12419.8	12771.6	13406.1	13456.3	13098.2	12526.6	12507.7	11609.4	10541.4
55°	13293.0	13286.7	13644.8	14185.0	14957.7	14926.3	13914.9	12306.7	11113.1	10271.3	10120.5
57.5°	14241.6	14279.3	14744.1	15680.2	16653.9	16628.8	14788.1	11144.5	9077.7	8688.2	9435.7
60°	15095.9	15183.9	16057.1	17458.0	18532.3	18381.5	14945.2	9391.8	7061.1	6803.5	8078.8
62.5°	14725.3	14888.6	16289.5	19022.3	20498.6	20165.6	13977.7	7274.7	4780.7	4548.3	5710.5
65°	13142.2	13362.1	15139.9	18796.1	21497.4	21290.1	12218.7	4573.4	2519.1	2764.1	3844.7
67.5°	11037.7	11301.5	13223.9	16886.3	19449.5	19003.4	9492.3	2406.1	1174.8	1821.8	2387.2
70°	6049.7	6703.0	9561.4	14360.9	15579.7	14957.7	5490.6	1137.1	854.4	1137.1	1426.0
72.5°	2274.1	2431.2	4146.2	9655.6	11540.3	10773.8	2085.7	735.0	716.2	841.8	1030.3
75°	1093.1	1168.5	1803.0	4391.2	6301.0	5873.8	1024.0	546.5	615.6	659.6	747.6
77.5°	653.3	703.6	1124.5	2550.5	2481.4	2280.4	628.2	420.9	496.3	471.2	439.7
80°	389.5	433.5	684.8	1451.2	1495.1	1325.5	383.2	295.3	345.5	301.5	270.1
82.5°	226.2	245.0	358.1	653.3	948.6	873.2	219.9	175.9	251.3	201.0	150.8
85°	113.1	119.4	163.3	282.7	471.2	358.1	94.2	81.7	119.4	87.9	50.3
87.5°	25.1	25.1	25.1	31.4	44.0	44.0	12.6	6.3	6.3	6.3	6.3
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: P1500811
CATALOG NUMBER: GSS-SB4C-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2	6596.2
2.5°	6608.8	6621.4	6577.4	6527.1	6514.6	6476.9	6489.4	6464.3	6426.6	6432.9	6439.2
5°	6671.6	6646.5	6558.5	6445.5	6344.9	6231.9	6099.9	5949.2	5842.4	5798.4	5836.1
7.5°	6728.2	6703.0	6552.3	6301.0	5961.7	5490.6	5000.6	4554.5	4246.7	4133.6	4158.8
10°	6885.2	6784.7	6508.3	5961.7	5151.3	4259.3	3763.0	3486.6	3392.3	3342.1	3348.4
12.5°	7092.5	6954.3	6426.6	5371.2	4146.2	3580.8	3404.9	3342.1	3310.7	3298.1	3310.7
15°	7343.8	7130.2	6231.9	4629.9	3681.3	3461.4	3423.8	3430.0	3430.0	3436.3	3436.3
17.5°	7563.7	7230.7	5880.1	4095.9	3587.1	3524.3	3562.0	3593.4	3593.4	3599.7	3593.4
20°	7764.7	7281.0	5427.8	3869.8	3605.9	3637.3	3725.3	3756.7	3763.0	3756.7	3756.7
22.5°	7978.3	7312.4	4975.4	3744.1	3649.9	3744.1	3838.4	3882.4	3894.9	3901.2	3907.5
25°	8185.6	7249.6	4604.8	3643.6	3631.1	3763.0	3869.8	3926.3	3938.9	3938.9	3945.2
27.5°	8392.9	7230.7	4353.5	3511.7	3543.1	3649.9	3775.6	3850.9	3901.2	3907.5	3913.8
30°	8631.6	7174.2	4114.8	3335.8	3348.4	3480.3	3612.2	3744.1	3844.7	3888.6	3888.6
32.5°	8795.0	7117.6	3901.2	3147.3	3147.3	3285.6	3448.9	3612.2	3756.7	3844.7	3863.5
35°	8952.0	7067.4	3712.7	2958.9	2965.2	3097.1	3266.7	3442.6	3624.8	3731.6	3781.8
37.5°	9033.7	7017.1	3580.8	2814.4	2789.3	2927.5	3040.5	3185.0	3379.8	3555.7	3599.7
40°	9052.5	7017.1	3568.2	2713.9	2607.1	2764.1	2814.4	2914.9	3090.8	3279.3	3348.4
42.5°	8926.9	6948.0	3631.1	2651.1	2418.6	2531.7	2588.2	2638.5	2751.6	2908.6	2965.2
45°	8776.1	6853.8	3687.6	2563.1	2186.2	2274.1	2362.1	2368.4	2418.6	2456.3	2494.0
47.5°	8650.5	6753.3	3587.1	2399.8	1947.5	2010.3	2104.5	2104.5	2079.4	2004.0	1978.9
50°	8751.0	6784.7	3417.5	2167.3	1727.6	1771.6	1872.1	1815.5	1759.0	1601.9	1583.1
52.5°	8838.9	6904.1	3216.4	1941.2	1539.1	1583.1	1683.6	1595.7	1482.6	1356.9	1338.1
55°	8694.5	6910.3	2845.8	1689.9	1407.2	1444.9	1539.1	1432.3	1325.5	1250.1	1237.6
57.5°	8261.0	6721.9	2456.3	1495.1	1294.1	1331.8	1419.8	1313.0	1212.4	1206.2	1237.6
60°	7306.1	6062.2	2098.2	1369.5	1187.3	1231.3	1319.2	1206.2	1074.2	1017.7	1036.6
62.5°	5515.7	4661.3	1796.7	1225.0	1086.8	1143.3	1206.2	1024.0	910.9	885.8	860.7
65°	*4033.1*	*3580.8*	*1614.5*	*1111.9*	*992.6*	*1061.7*	*1011.4*	*910.9*	*835.5*	*810.4*	*797.8*
67.5°	2607.1	2431.2	1388.3	1005.1	904.6	961.2	892.1	841.8	760.1	747.6	766.4
70°	1595.7	1652.2	1162.2	885.8	816.7	804.1	816.7	766.4	678.5	697.3	722.4
72.5°	1130.8	1218.7	998.9	772.7	697.3	672.2	728.7	697.3	634.5	653.3	678.5
75°	810.4	904.6	823.0	634.5	590.5	578.0	678.5	697.3	653.3	665.9	684.8
77.5°	477.4	578.0	584.2	490.0	446.0	515.1	722.4	804.1	772.7	735.0	716.2
80°	307.8	345.5	414.6	314.1	314.1	446.0	791.5	980.0	841.8	747.6	735.0
82.5°	157.1	182.2	270.1	201.0	188.5	333.0	779.0	936.0	929.8	829.2	810.4
85°	44.0	56.5	125.6	87.9	75.4	175.9	584.2	703.6	628.2	458.6	464.9
87.5°	6.3	6.3	0.0	0.0	6.3	25.1	69.1	12.6	12.6	12.6	12.6
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

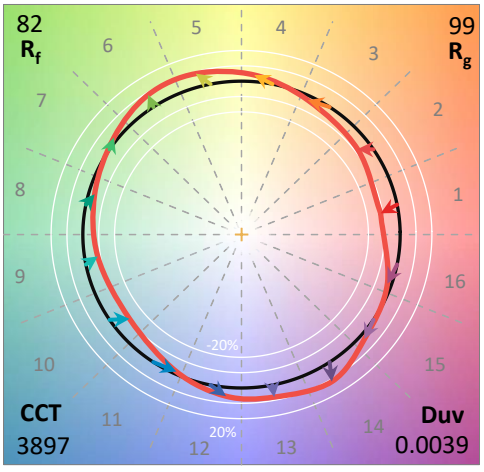
Test Information

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

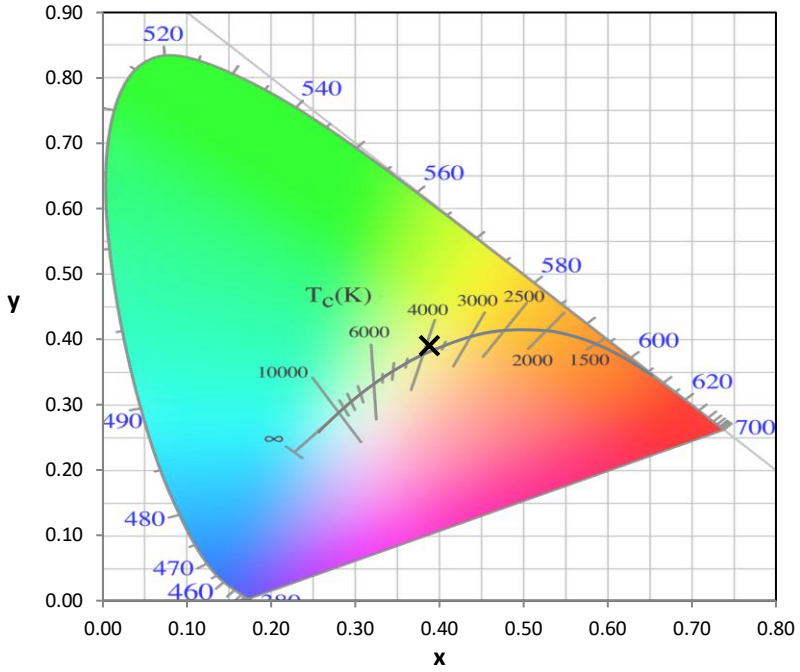
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

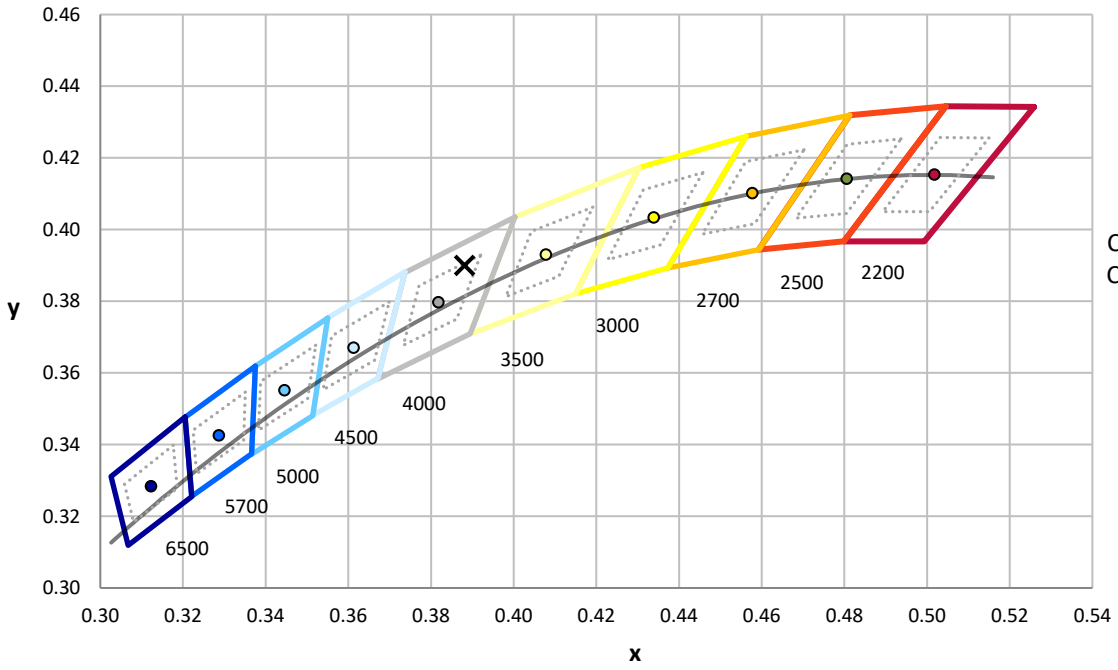
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

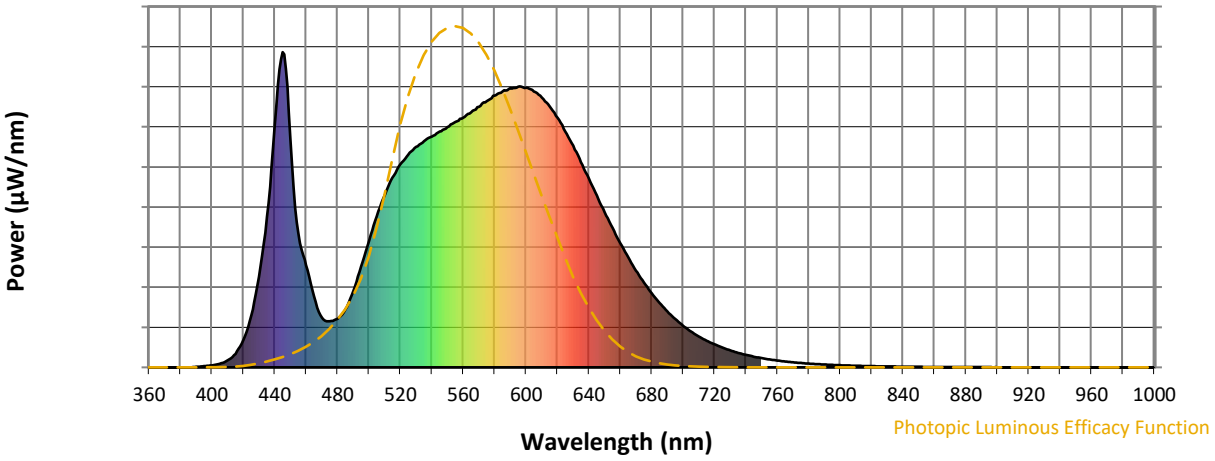


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

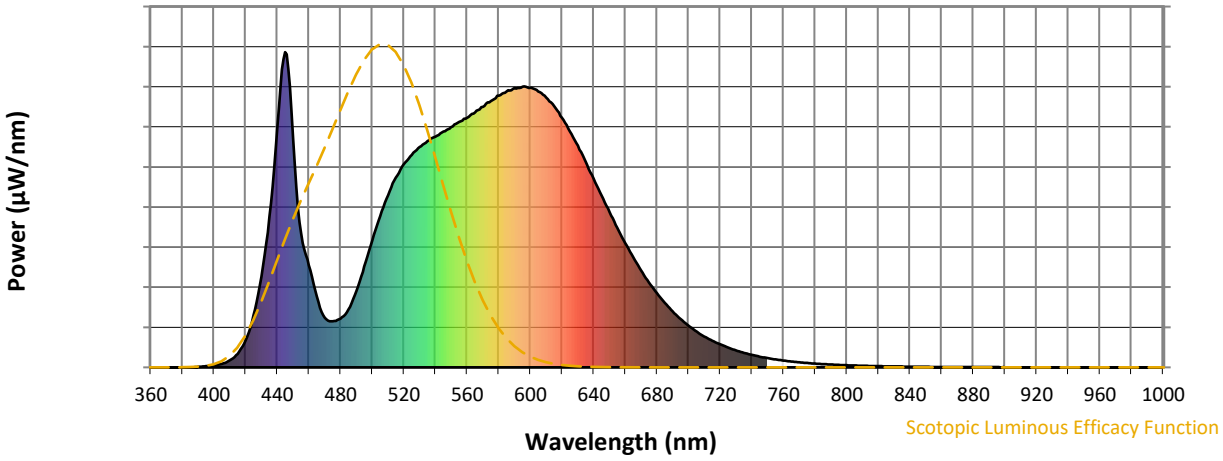


Photopic Lumens: NR

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

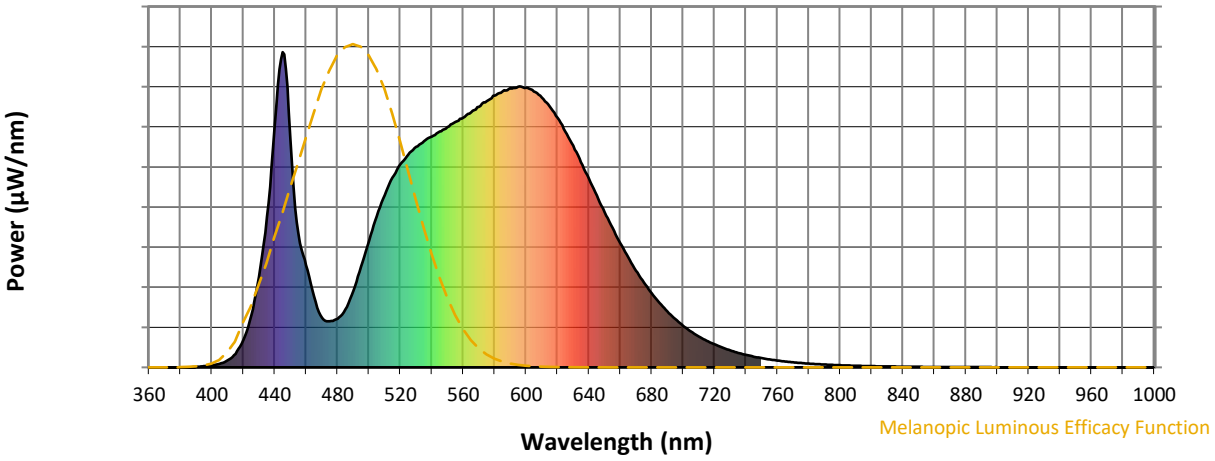


Scotopic Lumens: NR **S/P: 1.57**

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			

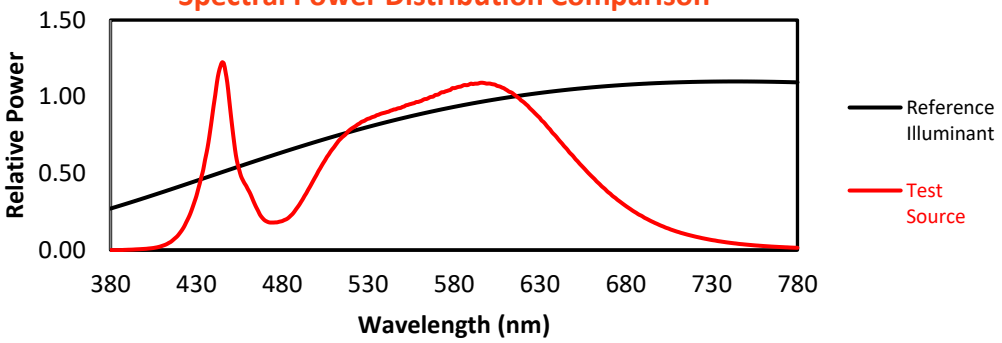
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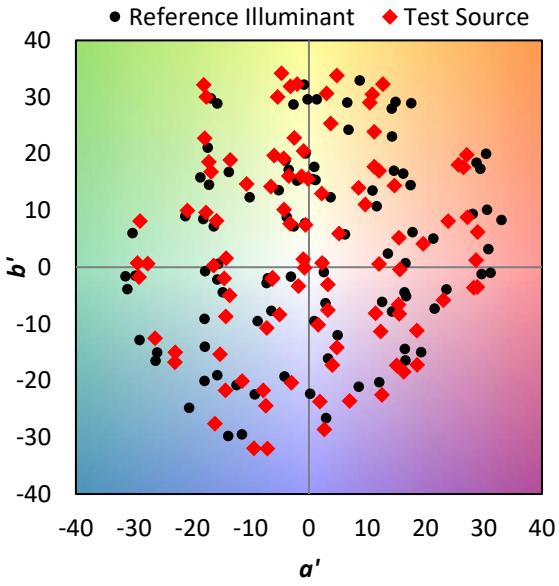
Summary

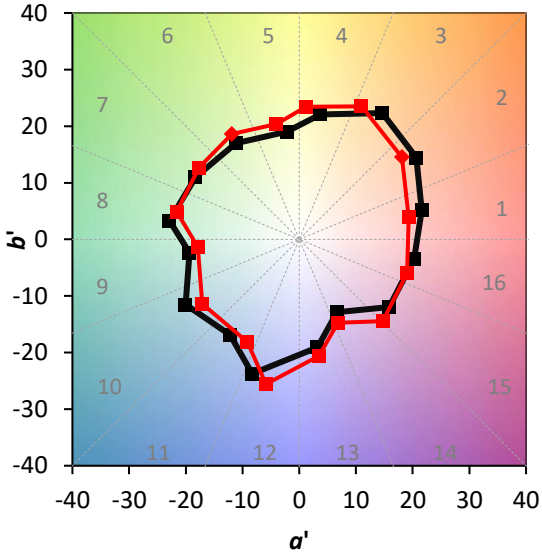
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

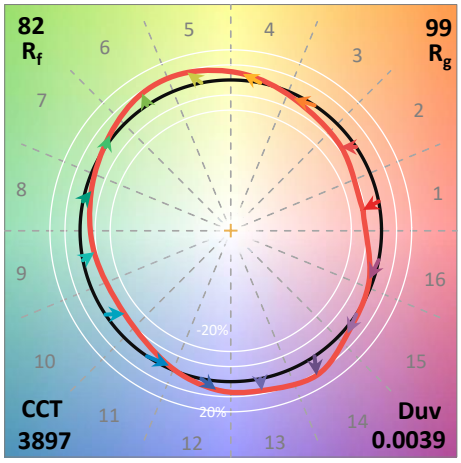
Spectral Power Distribution Comparison

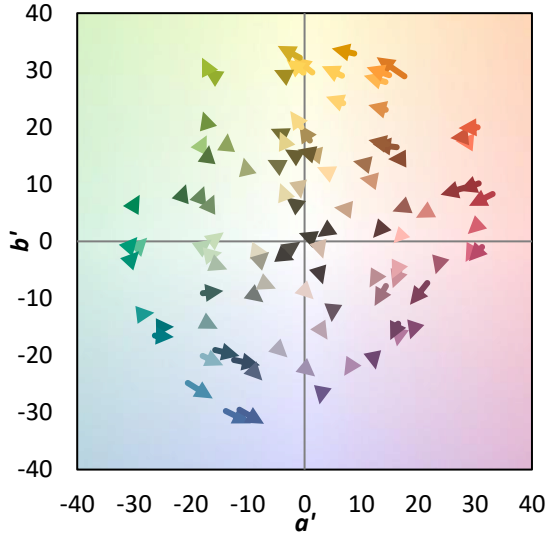


Color Vector Graphics







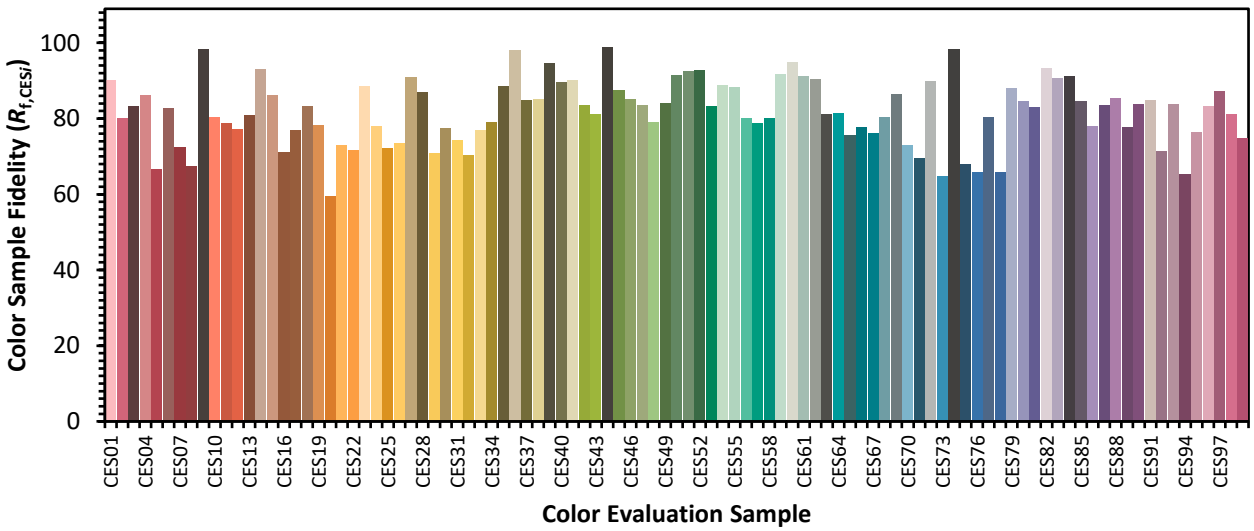


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Individual Sample Fidelity Index ($R_{f,i}$)

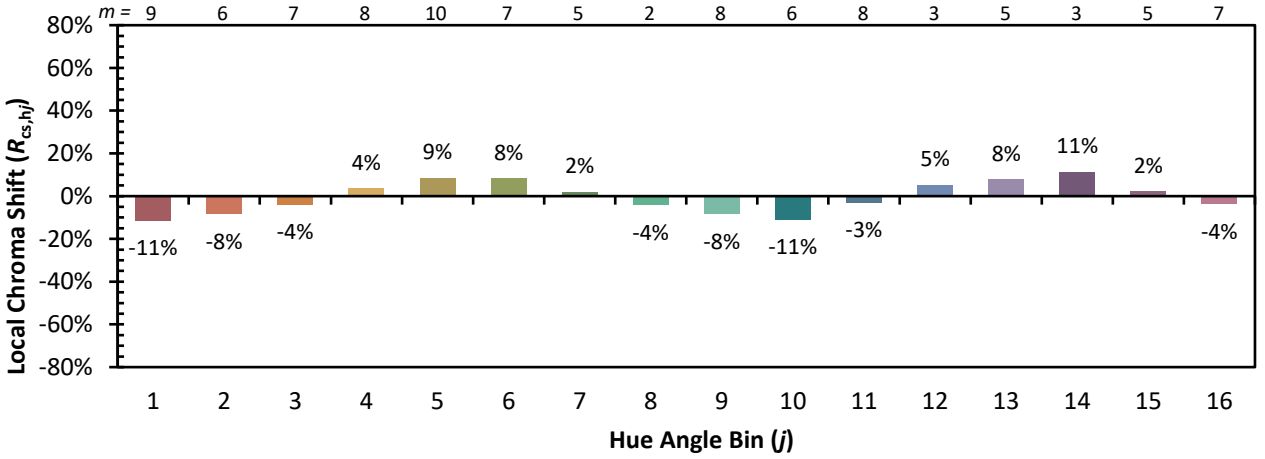
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82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

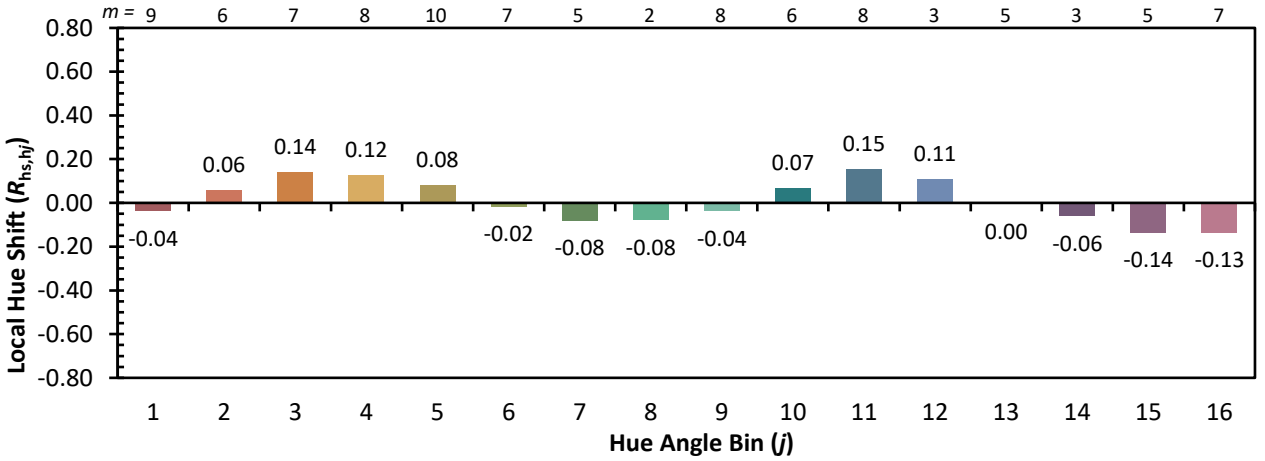


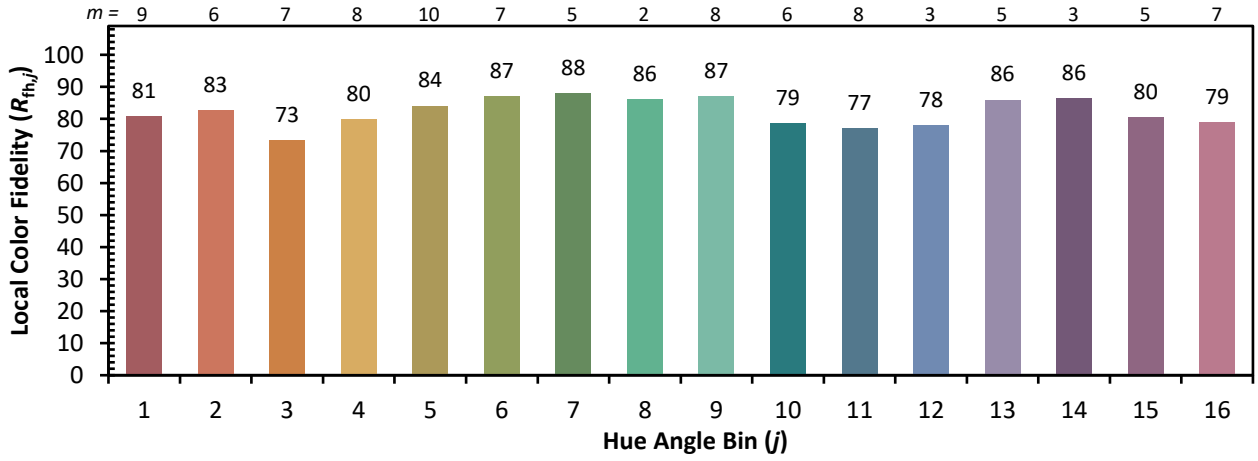
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Color Rendition by Hue-Angle Bin



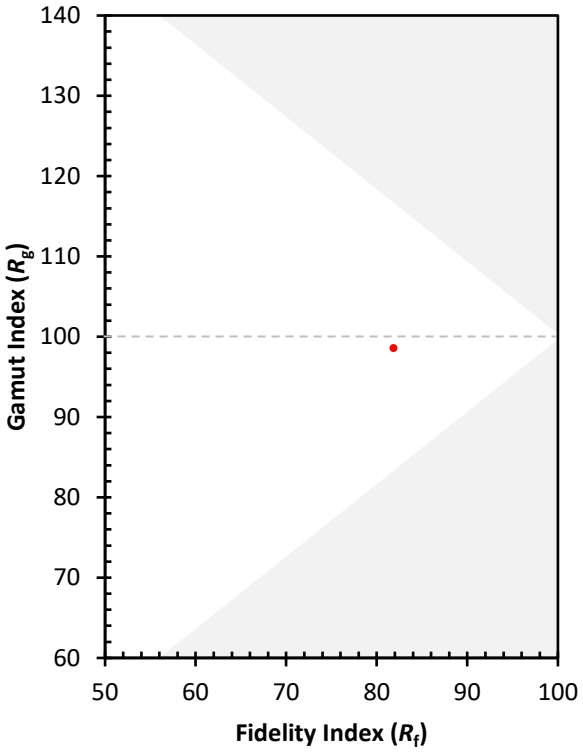


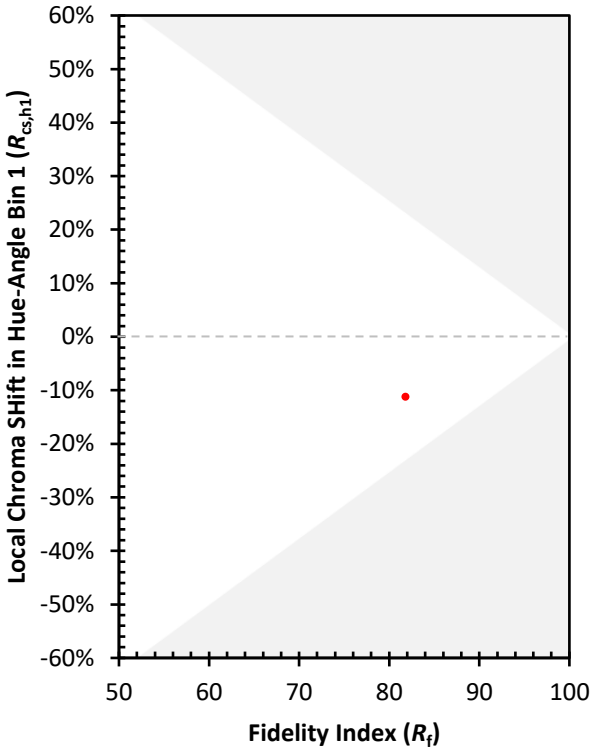


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Measure Comparisons





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