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: P1502727

Luminaire Tested: GSS-SB3C-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:	P1502727
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-840-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16047 lumens
Efficiency:	N/A
Efficacy:	107.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

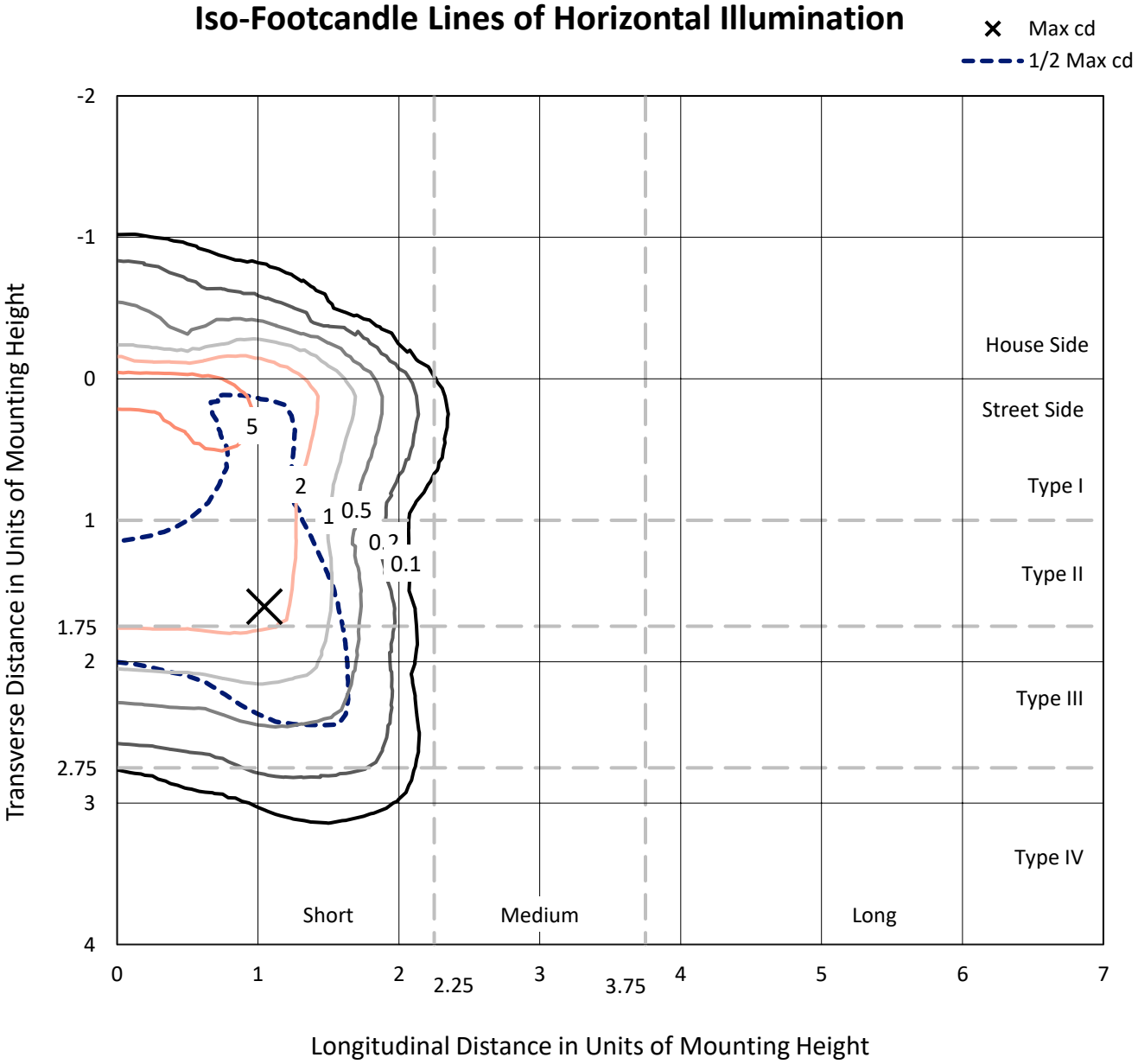
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502727
CATALOG NUMBER: GSS-SB3C-840-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



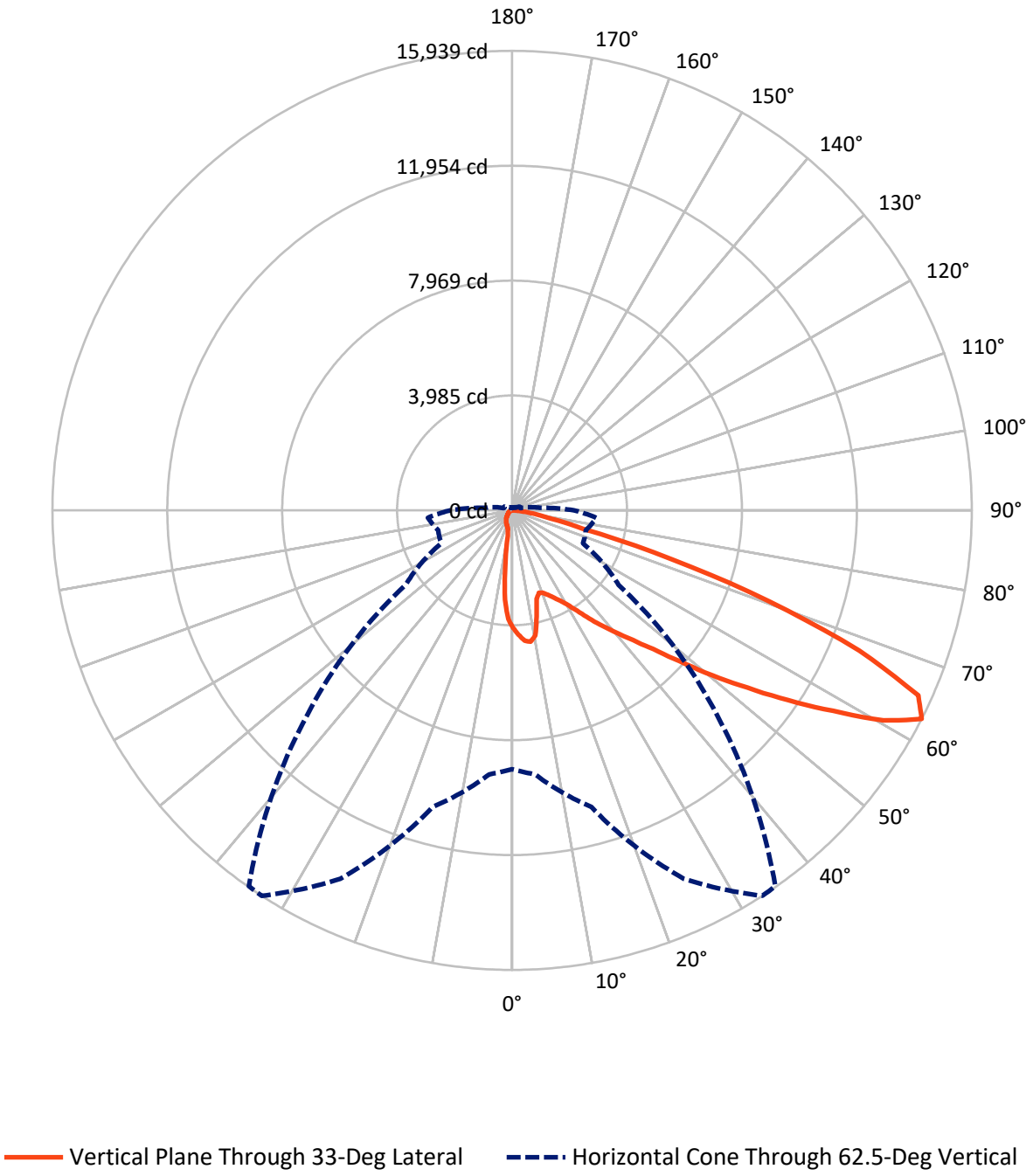
Based on 25 foot mounting height. Maximum calculated value = 7.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1502727
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Luminous Intensity Polar Plot



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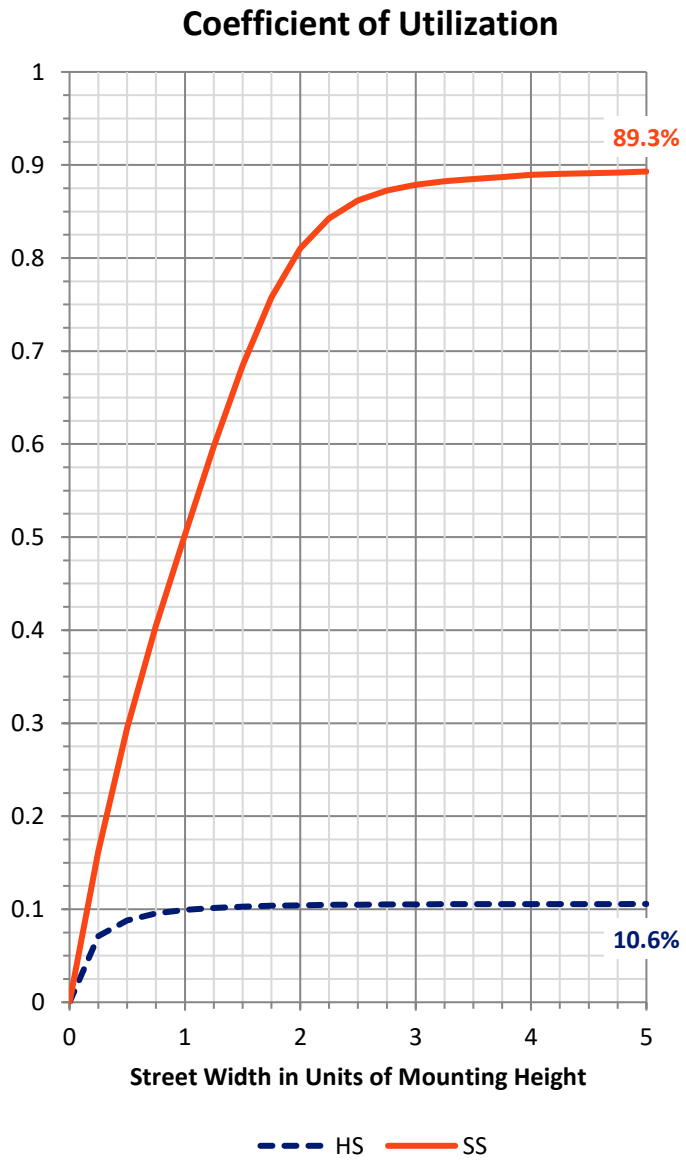
REPORT NUMBER: P1502727
CATALOG NUMBER: GSS-SB3C-840-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1707.5	0.0	1707.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	14339.5	0.0	14339.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	16047.0	0.0	16047.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	346.6	2.2
10°-20°	773.3	4.8
20°-30°	1246.4	7.8
30°-40°	2073.4	12.9
40°-50°	3277.1	20.4
50°-60°	4402.8	27.4
60°-70°	3232.1	20.1
70°-80°	639.7	4.0
80°-90°	55.6	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°	16047.0	100.0
0°-180°	16047.0	100.0



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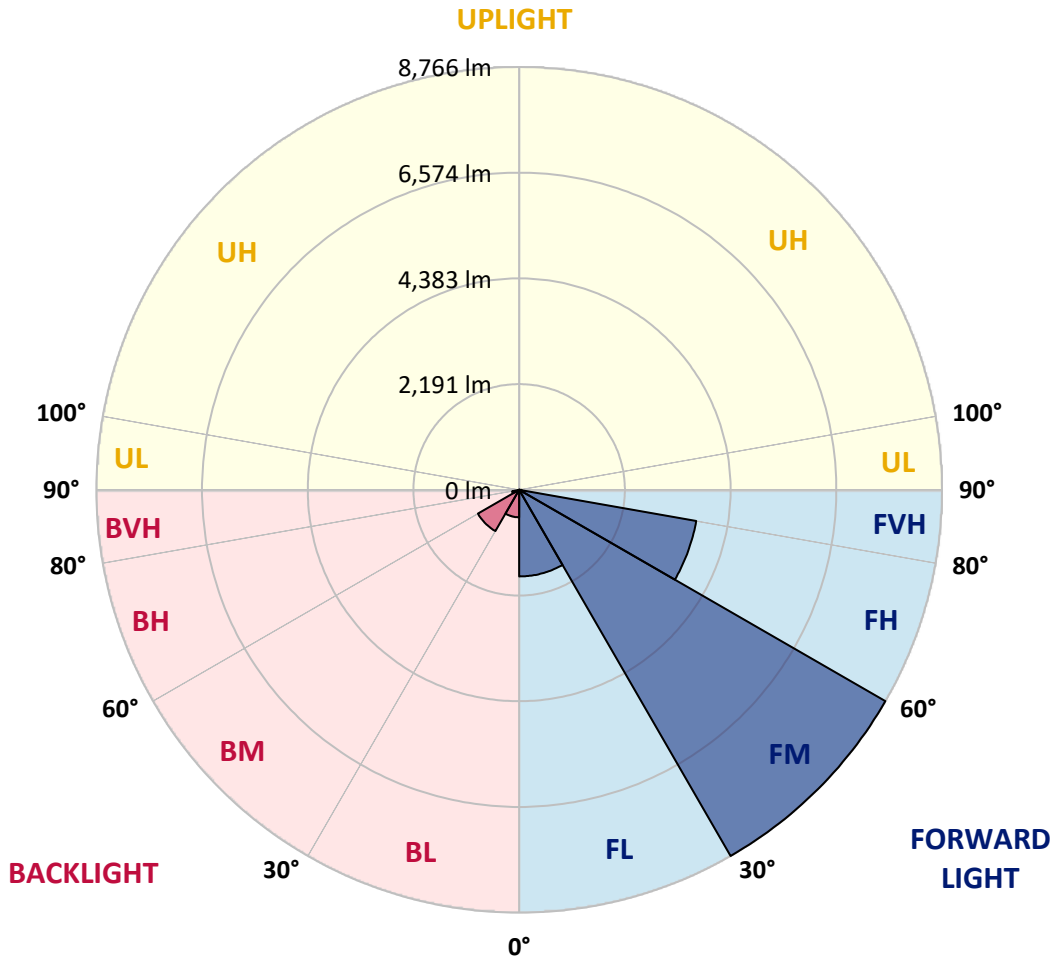
Scaled Data Report

REPORT NUMBER: P1502727
CATALOG NUMBER: GSS-SB3C-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°)	1796.5	11.2			
FM	(30°-60°)	8765.7	54.6			
FH	(60°-80°)	3725.9	23.2			G2/5000
FVH	(80°-90°)	51.4	0.3			G1/100
BL	(0°-30°)	569.7	3.6	B2/1000		
BM	(30°-60°)	987.7	6.2	B1/1000		
BH	(60°-80°)	145.9	0.9	B1/500		G1/500
BVH	(80°-90°)	4.2	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-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1
2.5°	4342.8	4360.8	4360.8	4324.7	4315.6	4297.6	4279.5	4275.0	4216.2	4171.0	4125.8
5°	4564.2	4559.7	4555.1	4537.1	4541.6	4519.0	4505.4	4482.8	4383.4	4315.6	4193.6
7.5°	4469.3	4510.0	4528.0	4577.7	4600.3	4595.8	4632.0	4641.0	4555.1	4460.2	4275.0
10°	3850.2	3827.6	3990.3	4202.7	4415.1	4464.8	4659.1	4763.0	4731.4	4645.5	4406.0
12.5°	3050.3	3072.9	3185.9	3434.4	3782.4	3890.9	4451.2	4862.4	4952.8	4898.6	4586.8
15°	2792.7	2792.7	2851.5	2969.0	3176.9	3280.8	3972.2	4848.9	5187.8	5192.3	4812.7
17.5°	2738.5	2747.5	2797.3	2874.1	3009.6	3054.8	3538.4	4650.0	5418.3	5499.6	5065.8
20°	2747.5	2761.1	2815.3	2923.8	3054.8	3109.1	3425.4	4397.0	5612.6	5834.0	5332.4
22.5°	2779.2	2774.7	2869.6	3014.2	3181.4	3231.1	3520.3	4293.0	5775.3	6218.1	5644.2
25°	2815.3	2819.9	2941.9	3145.2	3348.6	3407.3	3732.7	4387.9	5892.8	6629.4	5960.6
27.5°	2923.8	2937.3	3086.5	3307.9	3547.4	3624.2	4008.3	4636.5	6096.1	7027.0	6304.0
30°	3091.0	3104.5	3276.3	3542.9	3800.5	3918.0	4351.8	4948.3	6398.9	7488.0	6656.5
32.5°	3285.3	3303.4	3524.8	3832.1	4143.9	4256.9	4744.9	5422.8	6801.1	7957.9	7022.5
35°	3529.3	3579.0	3818.5	4184.6	4604.9	4713.3	5228.5	5960.6	7325.3	8378.2	7334.3
37.5°	3863.7	3904.4	4198.1	4654.6	5079.3	5224.0	5770.8	6525.4	7799.8	8753.3	7587.4
40°	4270.4	4306.6	4636.5	5133.6	5576.4	5698.4	6340.1	7094.8	8310.4	8961.2	7641.6
42.5°	4948.3	5047.7	5255.6	5675.9	6150.3	6304.0	6972.8	7646.1	8681.0	9001.8	7555.8
45°	6132.3	6163.9	6209.1	6407.9	6864.3	6999.9	7641.6	8125.1	8902.4	9010.9	7478.9
47.5°	7266.5	7375.0	7438.3	7528.6	7804.3	7854.0	8342.1	8554.5	9078.7	8979.2	7478.9
50°	8400.8	8482.1	8590.6	8699.1	8992.8	9010.9	9083.2	8843.7	9087.7	8721.7	7433.7
52.5°	9431.1	9458.3	9643.5	9851.4	10217.4	10316.9	9770.1	9056.1	8540.9	7908.2	7221.3
55°	10353.0	10389.2	10669.3	11094.1	11618.3	11749.4	10610.6	8644.8	7370.5	6855.3	6728.8
57.5°	10949.5	11035.4	11595.7	12531.2	13123.2	13064.4	11261.3	7682.3	5919.9	5608.1	5856.6
60°	10651.3	10768.8	11948.2	13737.7	14790.7	14618.9	11080.6	6322.1	4374.4	4148.4	4636.5
62.5°	8974.7	9191.6	10651.3	14094.7	15938.5	15911.4	10059.3	4510.0	2711.4	2652.6	2928.3
65°	6240.7	6615.8	8346.6	12901.7	15477.5	15518.2	8468.6	2625.5	1256.3	1559.1	1712.7
67.5°	3678.5	3945.1	5377.6	10533.8	12987.6	12612.5	5757.2	1215.6	628.1	949.0	908.3
70°	1617.8	1798.6	3082.0	7298.2	9462.8	8857.2	2810.8	592.0	479.0	573.9	501.6
72.5°	890.2	971.6	1622.3	3854.7	5757.2	5472.5	949.0	393.2	411.2	429.3	361.5
75°	497.1	533.2	854.1	2227.9	2530.6	2354.4	460.9	257.6	348.0	348.0	266.6
77.5°	289.2	320.8	533.2	1387.3	1387.3	1120.7	280.2	162.7	262.1	235.0	144.6
80°	135.6	153.6	293.7	768.2	876.7	723.0	158.2	113.0	171.7	149.1	94.9
82.5°	40.7	49.7	144.6	298.3	497.1	424.8	81.3	72.3	126.5	94.9	54.2
85°	27.1	31.6	72.3	122.0	244.0	212.4	27.1	22.6	54.2	45.2	22.6
87.5°	4.5	4.5	9.0	9.0	9.0	9.0	4.5	4.5	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: P1502727
CATALOG NUMBER: GSS-SB3C-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1	4076.1
2.5°	4098.7	4067.1	3994.8	3927.0	3890.9	3809.5	3777.9	3741.7	3723.6	3719.1	3692.0
5°	4116.8	4058.1	3877.3	3696.5	3506.7	3326.0	3140.7	2978.0	2847.0	2851.5	2856.0
7.5°	4171.0	4053.5	3737.2	3375.7	2969.0	2499.0	1997.4	1622.3	1382.8	1333.1	1287.9
10°	4243.3	4071.6	3565.5	2896.7	2096.8	1319.5	930.9	795.3	736.6	723.0	727.6
12.5°	4378.9	4116.8	3348.6	2236.9	1161.4	759.2	673.3	650.7	641.7	641.7	641.7
15°	4546.1	4180.1	3009.6	1464.2	759.2	632.7	614.6	610.1	601.0	601.0	605.5
17.5°	4686.2	4180.1	2562.3	953.5	623.6	587.5	573.9	569.4	569.4	573.9	569.4
20°	4839.8	4148.4	2060.7	718.5	578.4	546.8	537.8	537.8	537.8	542.3	542.3
22.5°	4998.0	4094.2	1595.2	614.6	537.8	510.6	506.1	510.6	515.2	519.7	519.7
25°	5174.2	4026.4	1260.8	569.4	501.6	479.0	479.0	479.0	483.5	492.6	497.1
27.5°	5368.6	3967.7	1080.0	542.3	470.0	447.4	447.4	451.9	460.9	465.5	470.0
30°	5549.3	3967.7	1021.3	555.8	456.4	429.3	420.3	424.8	433.8	442.9	442.9
32.5°	5775.3	4012.9	1052.9	614.6	451.9	402.2	393.2	393.2	402.2	406.7	406.7
35°	5965.1	4098.7	1161.4	695.9	470.0	379.6	361.5	357.0	366.0	361.5	366.0
37.5°	6118.7	4216.2	1360.2	804.4	506.1	352.5	329.9	316.3	316.3	316.3	316.3
40°	6163.9	4333.7	1613.3	876.7	501.6	320.8	289.2	275.7	271.1	266.6	266.6
42.5°	6100.6	4387.9	1816.6	872.2	447.4	298.3	257.6	239.5	225.9	221.4	221.4
45°	6050.9	4415.1	1888.9	759.2	406.7	271.1	230.5	207.9	194.3	189.8	185.3
47.5°	6055.4	4442.2	1780.5	619.1	370.6	248.5	207.9	185.3	171.7	167.2	162.7
50°	6073.5	4397.0	1509.3	515.2	338.9	225.9	185.3	167.2	153.6	149.1	144.6
52.5°	5883.7	4157.5	1062.0	451.9	311.8	212.4	167.2	153.6	140.1	135.6	135.6
55°	5386.6	3583.6	718.5	402.2	289.2	194.3	153.6	144.6	131.1	122.0	122.0
57.5°	4591.3	2702.4	497.1	366.0	253.1	176.2	144.6	131.1	117.5	108.5	108.5
60°	3511.3	1762.4	361.5	334.4	207.9	162.7	135.6	126.5	108.5	99.4	94.9
62.5°	*2137.5*	*989.7*	*293.7*	*293.7*	*176.2*	*153.6*	*122.0*	*113.0*	*94.9*	*81.3*	*76.8*
65°	1238.2	583.0	239.5	248.5	153.6	140.1	108.5	94.9	76.8	63.3	58.7
67.5°	596.5	338.9	189.8	176.2	135.6	117.5	94.9	81.3	67.8	54.2	49.7
70°	366.0	262.1	144.6	126.5	108.5	90.4	76.8	72.3	58.7	45.2	45.2
72.5°	298.3	212.4	113.0	90.4	81.3	63.3	63.3	58.7	45.2	36.2	31.6
75°	235.0	158.2	85.9	63.3	49.7	49.7	45.2	40.7	36.2	27.1	27.1
77.5°	126.5	108.5	63.3	36.2	27.1	31.6	31.6	27.1	22.6	18.1	18.1
80°	81.3	63.3	36.2	18.1	18.1	18.1	18.1	13.6	13.6	9.0	9.0
82.5°	40.7	31.6	18.1	4.5	9.0	9.0	9.0	9.0	9.0	4.5	4.5
85°	9.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
87.5°	0.0	0.0	0.0	0.0	0.0	4.5	4.5	4.5	4.5	4.5	4.5
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

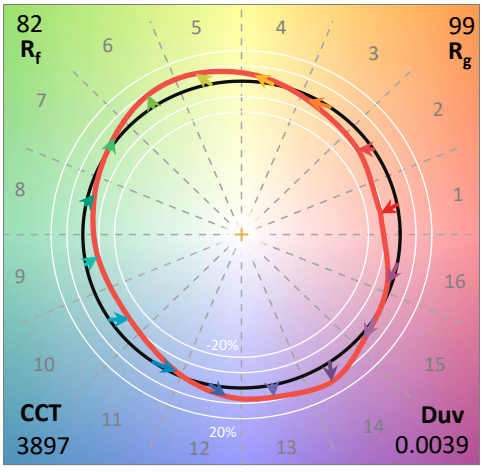
Test Information

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

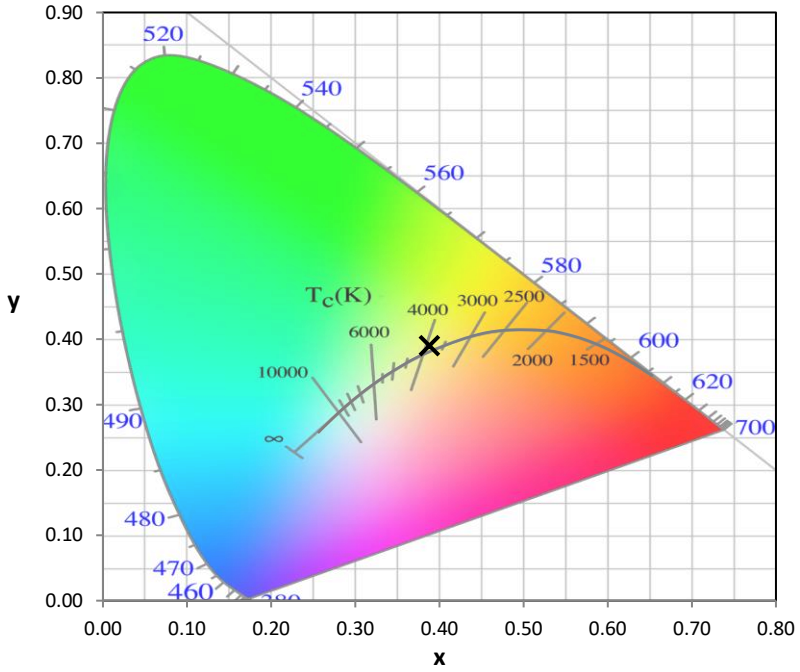
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

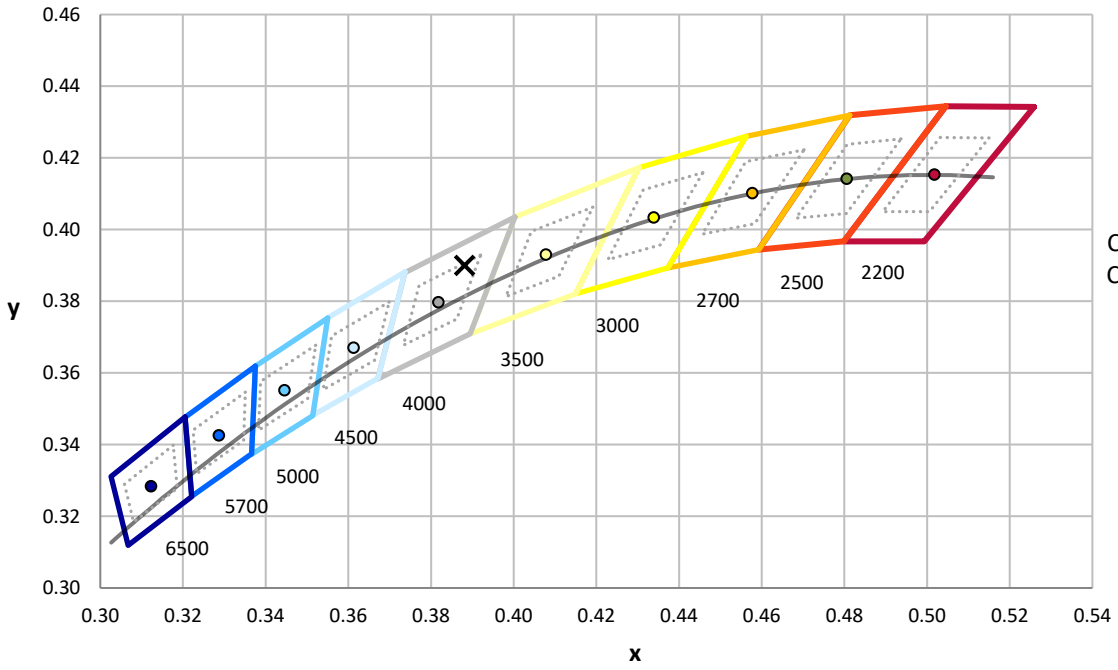
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

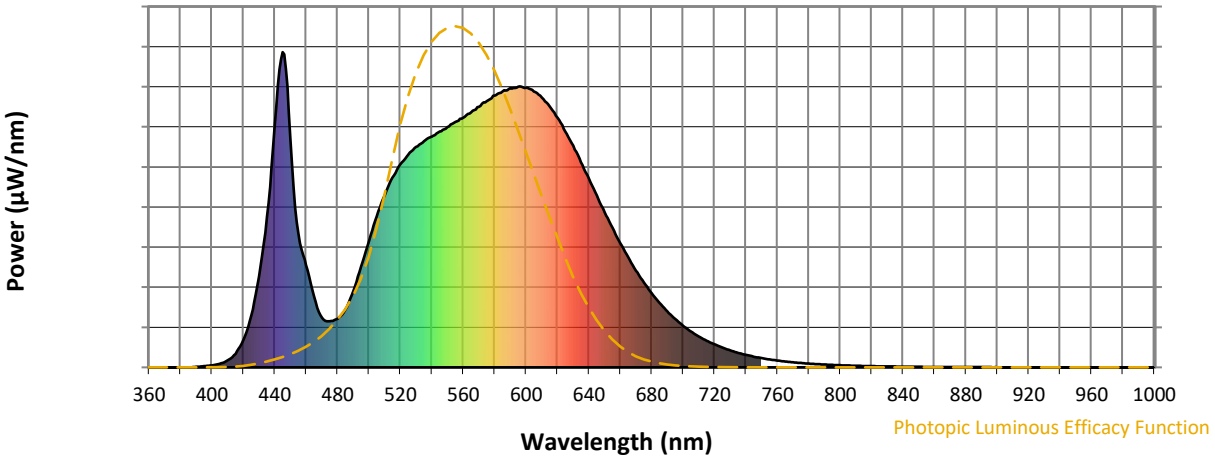


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

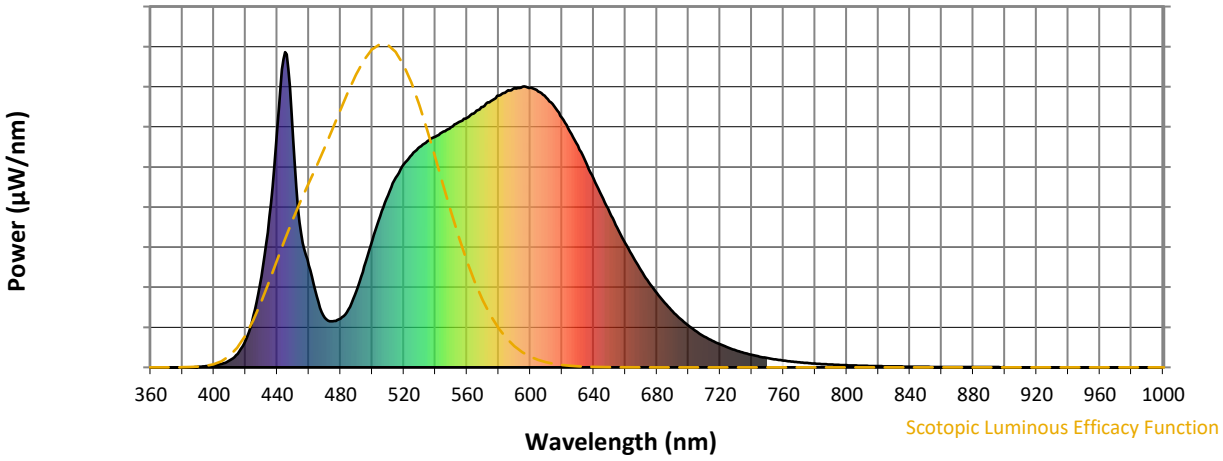


Photopic Lumens: NR

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

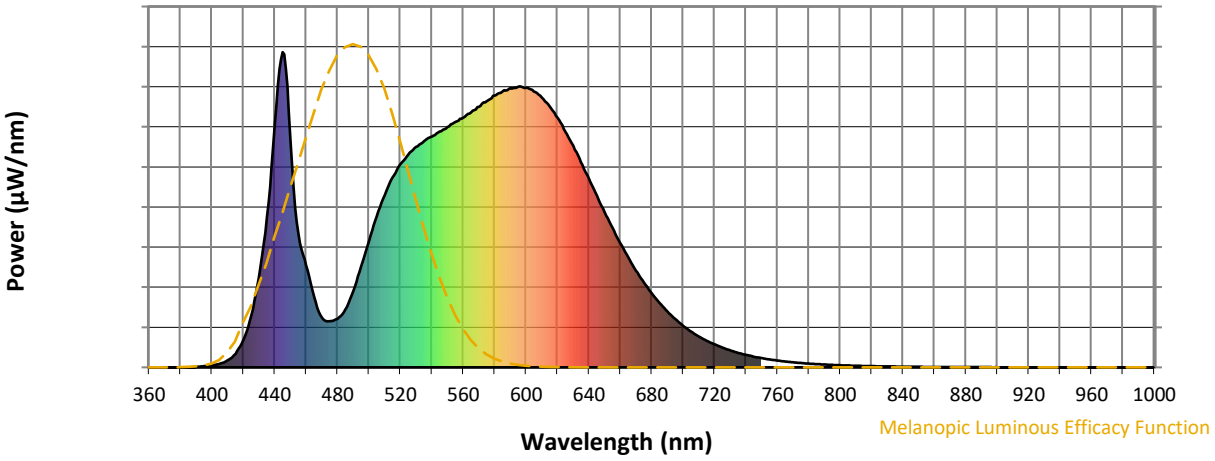


Scotopic Lumens: NR **S/P: 1.57**

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			

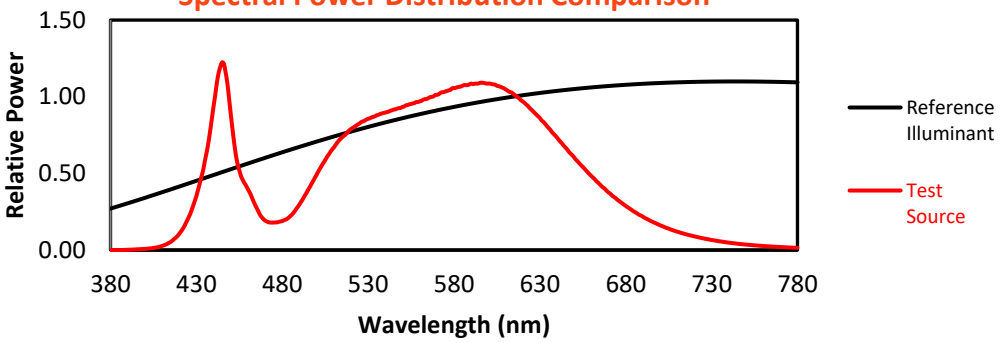
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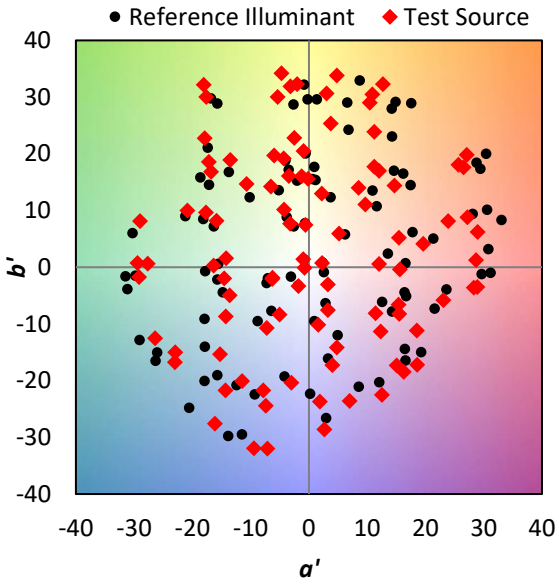
Summary

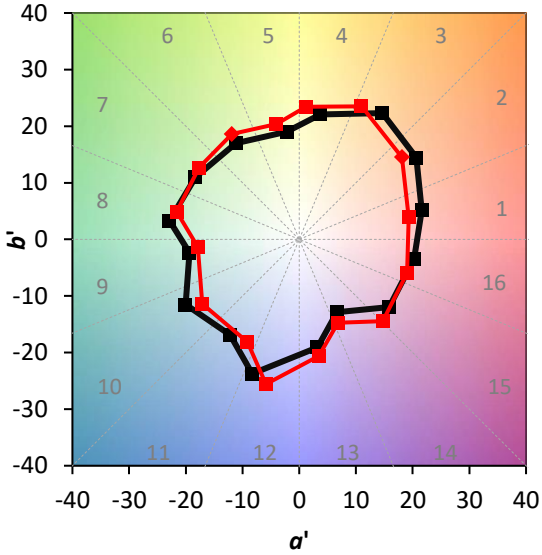
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R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

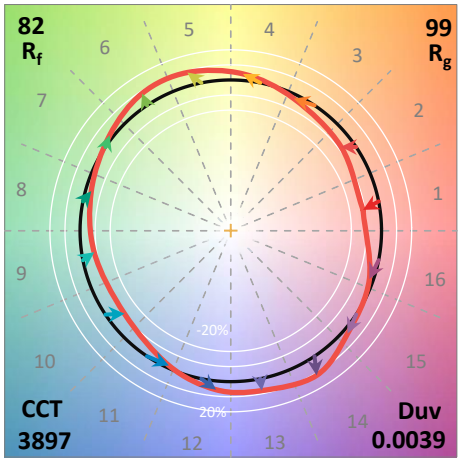
Spectral Power Distribution Comparison

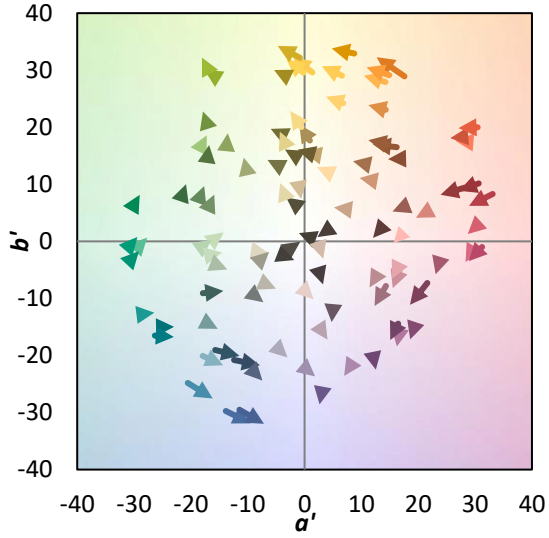


Color Vector Graphics







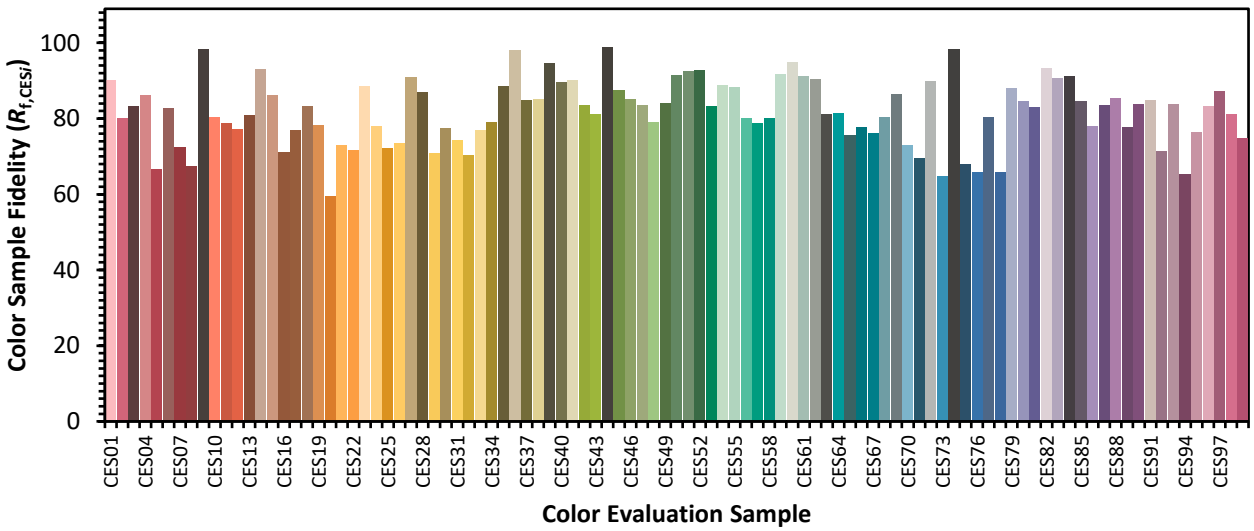


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Individual Sample Fidelity Index ($R_{f,i}$)

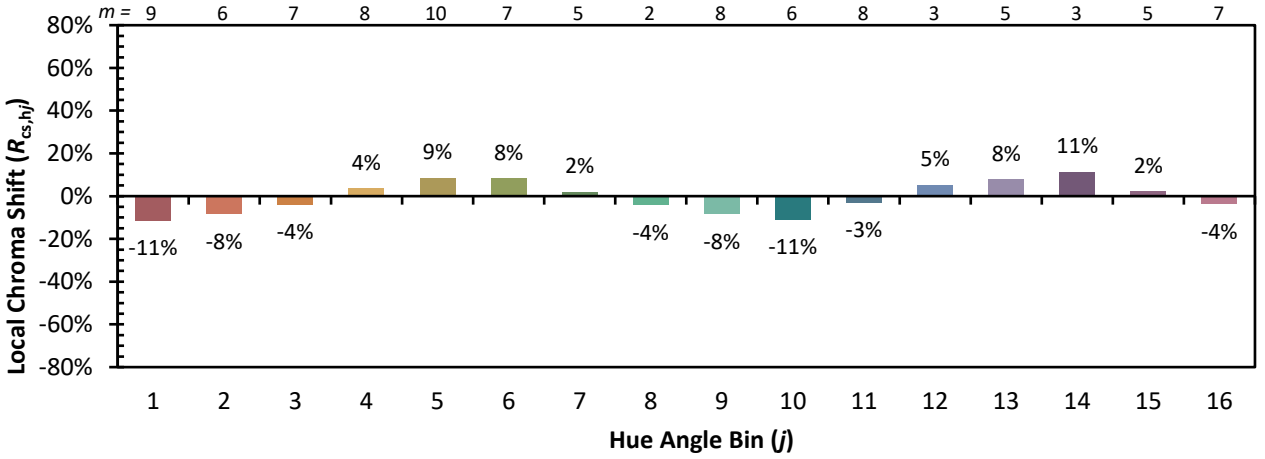
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CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57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

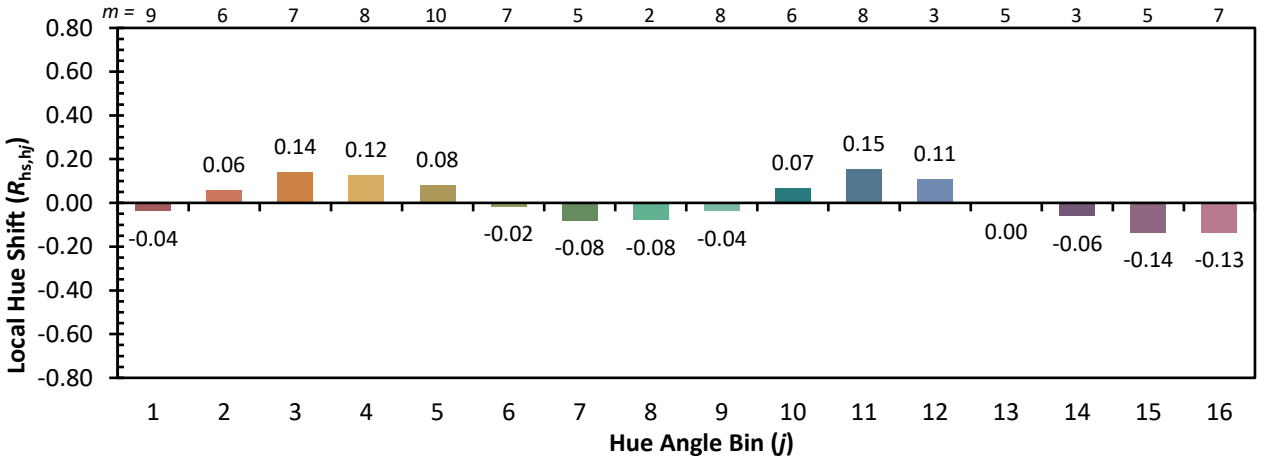


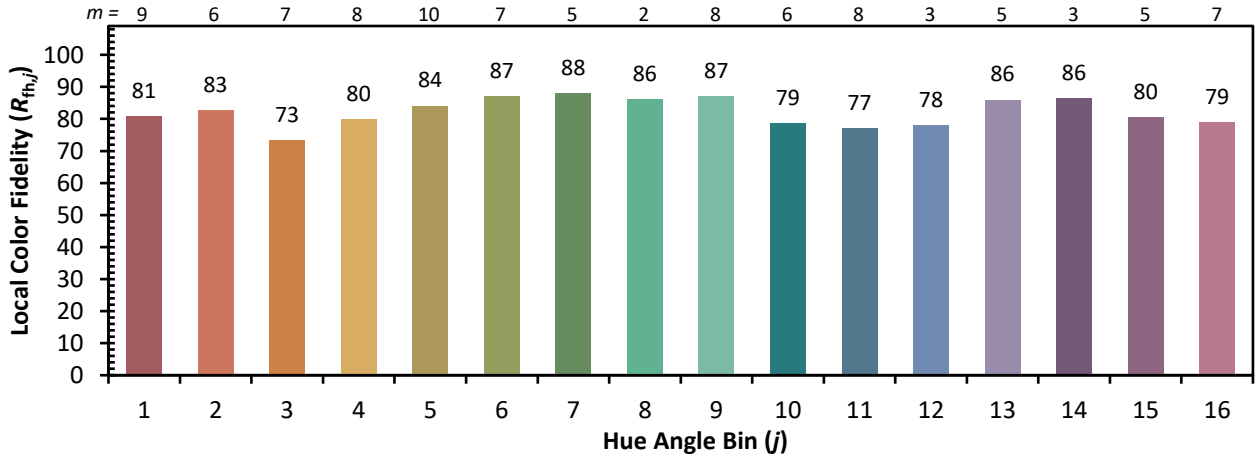
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Color Rendition by Hue-Angle Bin



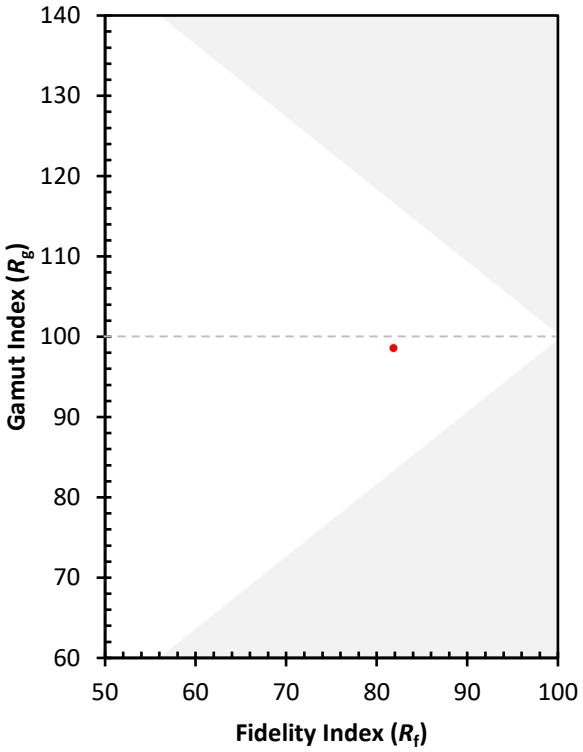


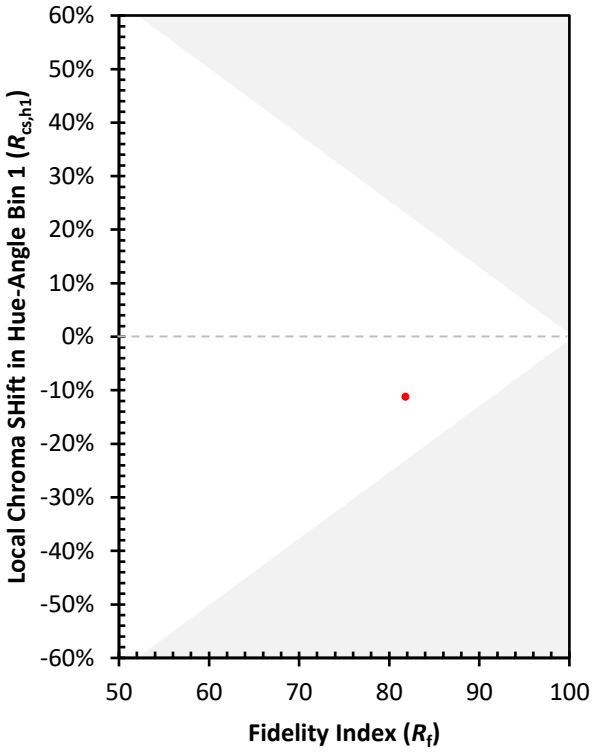


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Measure Comparisons





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