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: P1502489

Luminaire Tested: GSS-SB4A-740-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:	P1502489
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-740-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14853.6 lumens
Efficiency:	N/A
Efficacy:	130.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

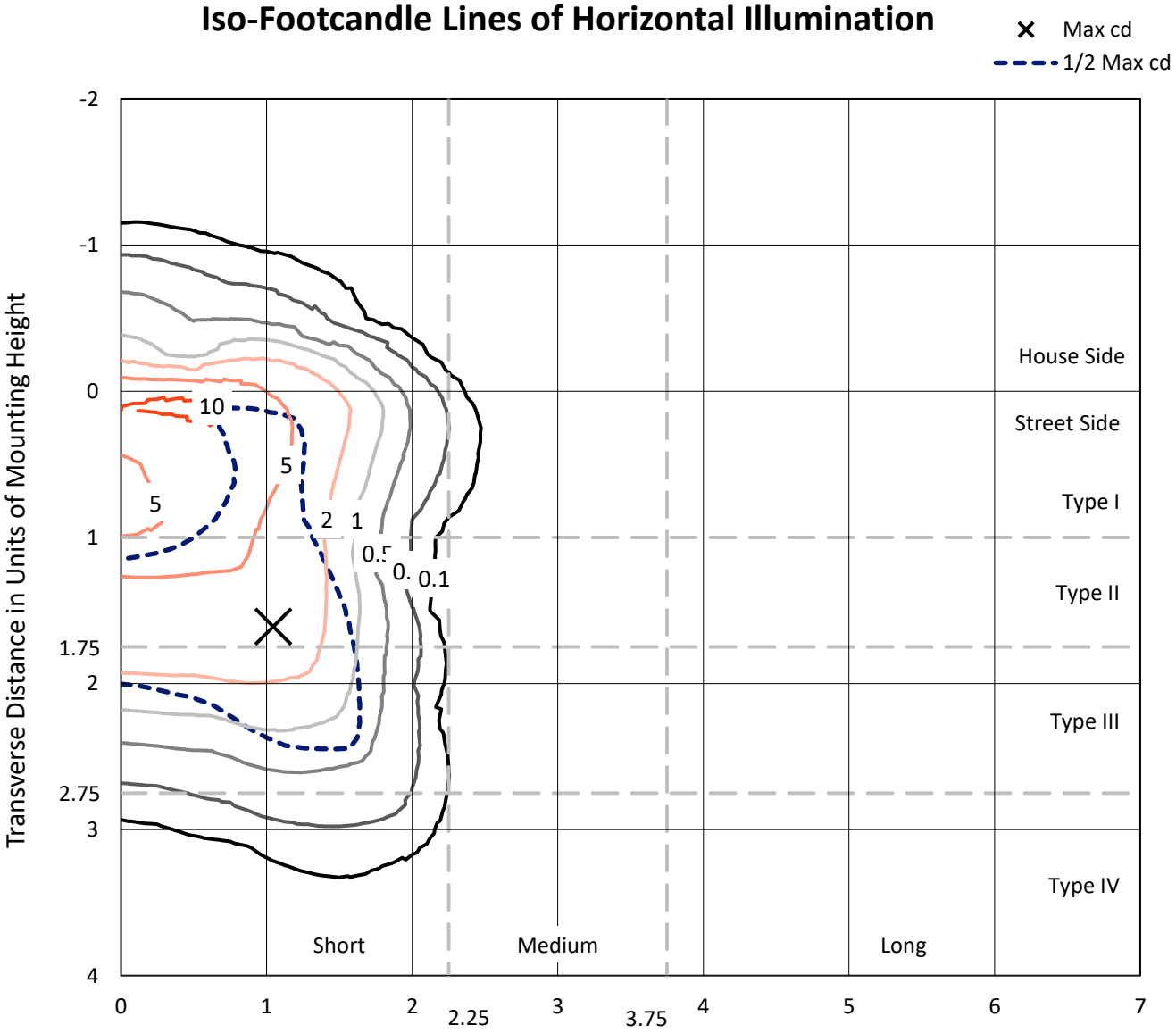
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502489
CATALOG NUMBER: GSS-SB4A-740-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



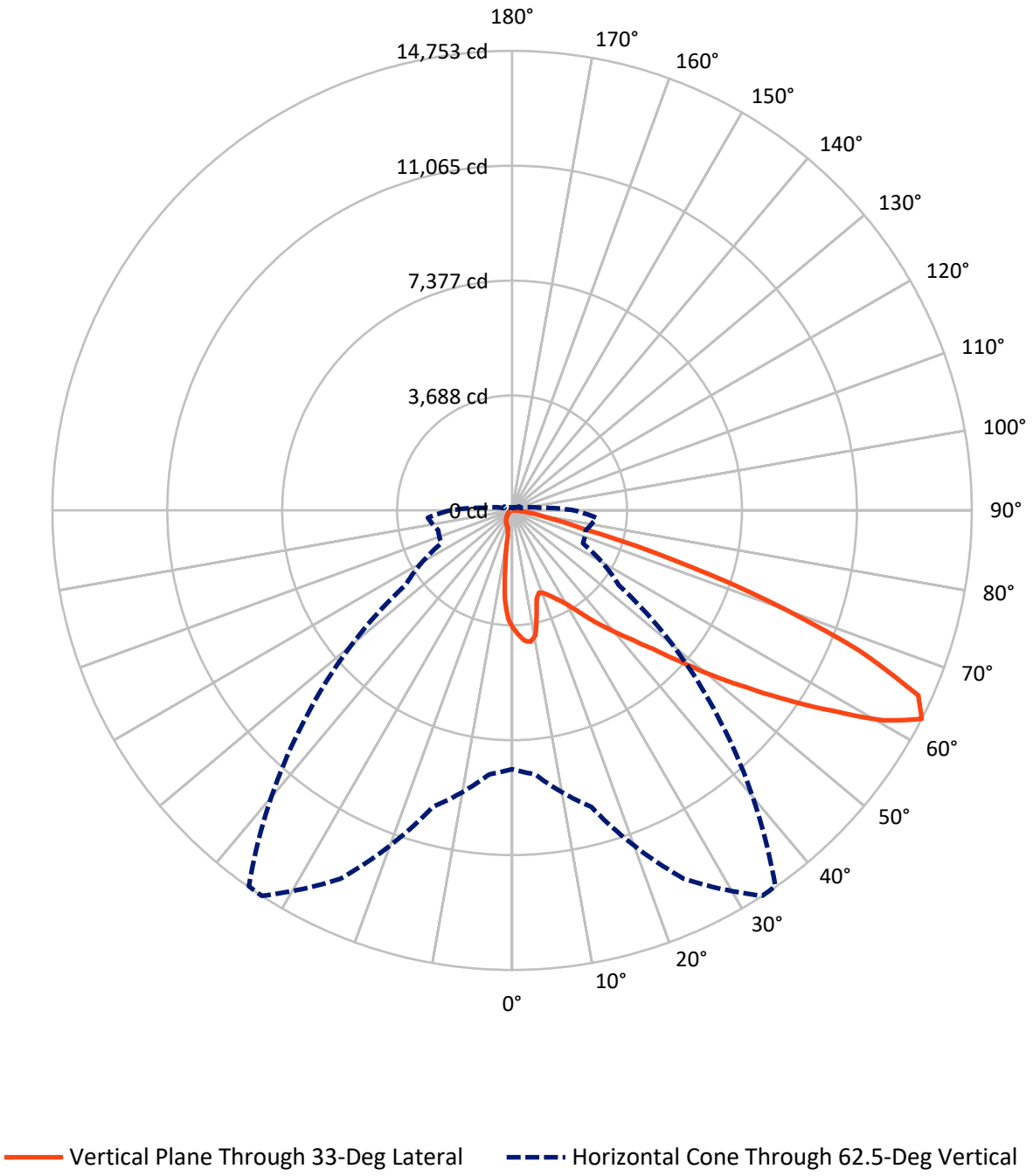
Based on 20 foot mounting height. Maximum calculated value = 11.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1502489
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Luminous Intensity Polar Plot



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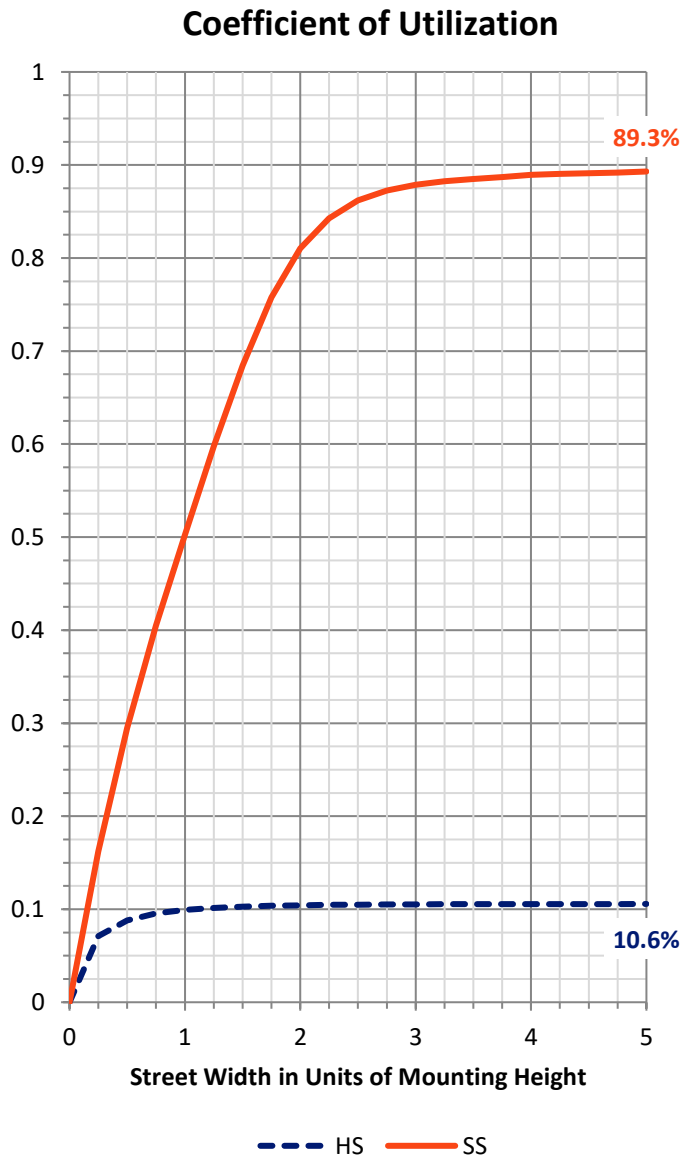
REPORT NUMBER: P1502489
CATALOG NUMBER: GSS-SB4A-740-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1580.5	0.0	1580.5
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	13273.1	0.0	13273.1
	% Fixture	89.4	0.0	89.4
Total	Lumens	14853.6	0.0	14853.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	320.8	2.2
10°-20°	715.8	4.8
20°-30°	1153.7	7.8
30°-40°	1919.2	12.9
40°-50°	3033.4	20.4
50°-60°	4075.4	27.4
60°-70°	2991.7	20.1
70°-80°	592.1	4.0
80°-90°	51.5	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°	14853.6	100.0
0°-180°	14853.6	100.0



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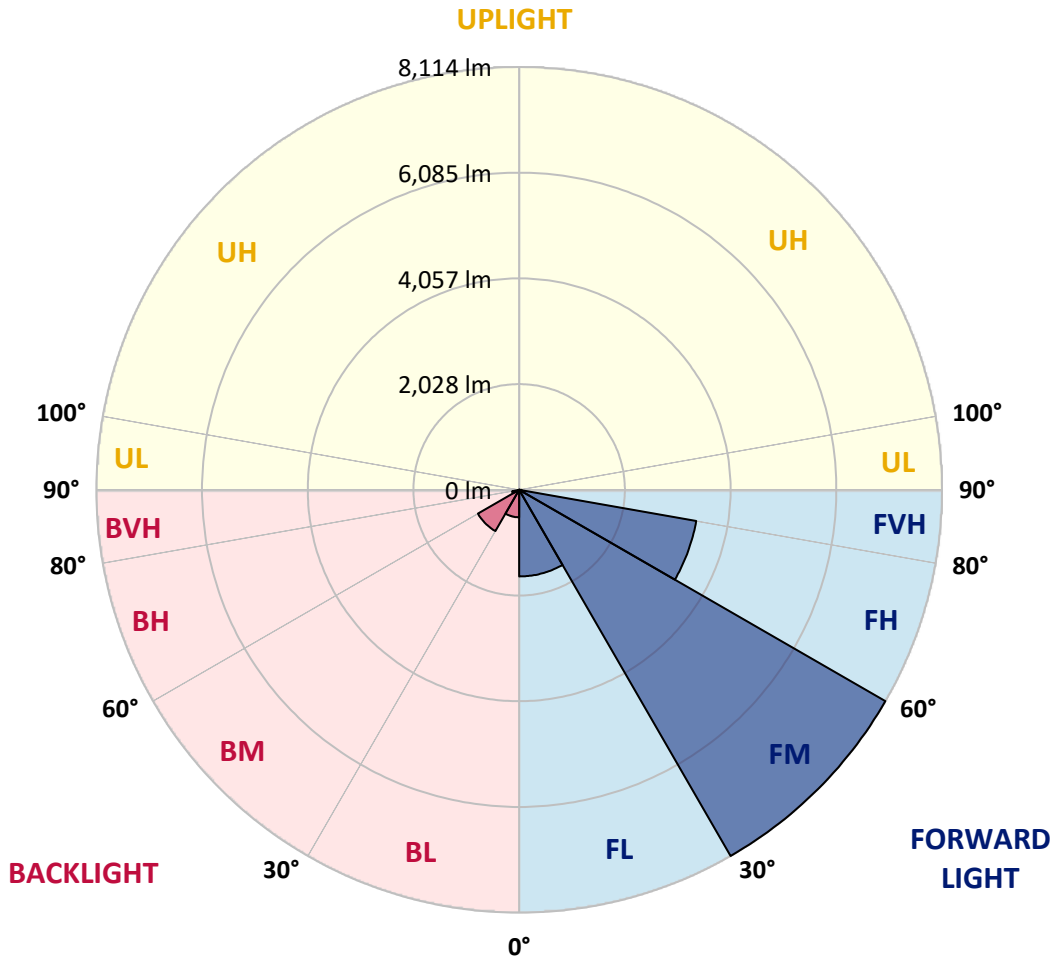
Scaled Data Report

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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°)	1662.9	11.2			
FM	(30°-60°)	8113.7	54.6			
FH	(60°-80°)	3448.8	23.2			G2/5000
FVH	(80°-90°)	47.6	0.3			G1/100
BL	(0°-30°)	527.3	3.6	B2/1000		
BM	(30°-60°)	914.3	6.2	B1/1000		
BH	(60°-80°)	135.0	0.9	B1/500		G1/500
BVH	(80°-90°)	3.9	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°	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0
2.5°	4019.8	4036.5	4036.5	4003.0	3994.7	3977.9	3961.2	3957.0	3902.7	3860.8	3819.0
5°	4224.7	4220.6	4216.4	4199.6	4203.8	4182.9	4170.4	4149.4	4057.4	3994.7	3881.7
7.5°	4136.9	4174.5	4191.3	4237.3	4258.2	4254.0	4287.5	4295.8	4216.4	4128.5	3957.0
10°	3563.8	3542.9	3693.5	3890.1	4086.7	4132.7	4312.6	4408.8	4379.5	4300.0	4078.3
12.5°	2823.5	2844.4	2949.0	3179.0	3501.1	3601.5	4120.2	4500.8	4584.5	4534.3	4245.7
15°	2585.0	2585.0	2639.4	2748.2	2940.6	3036.8	3676.8	4488.3	4802.0	4806.2	4454.8
17.5°	2534.8	2543.2	2589.2	2660.3	2785.8	2827.6	3275.2	4304.2	5015.3	5090.6	4689.0
20°	2543.2	2555.8	2606.0	2706.3	2827.6	2877.8	3170.6	4070.0	5195.2	5400.1	4935.8
22.5°	2572.5	2568.3	2656.1	2790.0	2944.8	2990.8	3258.5	3973.8	5345.8	5755.7	5224.5
25°	2606.0	2610.1	2723.1	2911.3	3099.5	3153.9	3455.1	4061.6	5454.5	6136.3	5517.3
27.5°	2706.3	2718.9	2856.9	3061.9	3283.6	3354.7	3710.2	4291.7	5642.7	6504.4	5835.2
30°	2861.1	2873.7	3032.6	3279.4	3517.8	3626.6	4028.1	4580.3	5923.0	6931.1	6161.4
32.5°	3041.0	3057.7	3262.7	3547.1	3835.7	3940.3	4392.1	5019.5	6295.3	7366.1	6500.2
35°	3266.9	3312.9	3534.6	3873.4	4262.4	4362.8	4839.6	5517.3	6780.5	7755.1	6788.9
37.5°	3576.4	3614.0	3885.9	4308.4	4701.6	4835.4	5341.6	6040.1	7219.7	8102.3	7023.1
40°	3952.8	3986.3	4291.7	4751.8	5161.7	5274.6	5868.6	6567.2	7692.4	8294.7	7073.3
42.5°	4580.3	4672.3	4864.7	5253.7	5692.9	5835.2	6454.2	7077.5	8035.4	8332.4	6993.8
45°	5676.2	5705.5	5747.3	5931.4	6353.8	6479.3	7073.3	7520.9	8240.3	8340.7	6922.7
47.5°	6726.1	6826.5	6885.1	6968.7	7223.9	7269.9	7721.7	7918.2	8403.5	8311.4	6922.7
50°	7776.0	7851.3	7951.7	8052.1	8324.0	8340.7	8407.6	8186.0	8411.8	8073.0	6880.9
52.5°	8729.7	8754.8	8926.3	9118.7	9457.6	9549.6	9043.4	8382.5	7905.7	7320.1	6684.3
55°	9583.0	9616.5	9875.8	10269.0	10754.3	10875.6	9821.5	8001.9	6822.3	6345.5	6228.4
57.5°	10135.2	10214.7	10733.3	11599.2	12147.2	12092.8	10423.8	7110.9	5479.6	5191.0	5421.1
60°	9859.1	9967.9	11059.6	12716.0	13690.7	13531.7	10256.5	5851.9	4049.1	3839.9	4291.7
62.5°	8307.3	8508.0	9859.1	13046.5	14753.1	14728.0	9311.2	4174.5	2509.7	2455.4	2710.5
65°	5776.6	6123.8	7725.8	11942.2	14326.5	14364.1	7838.8	2430.3	1162.8	1443.1	1585.3
67.5°	3404.9	3651.7	4977.7	9750.4	12021.7	11674.5	5329.0	1125.2	581.4	878.4	840.8
70°	1497.5	1664.8	2852.7	6755.4	8759.0	8198.5	2601.8	548.0	443.4	531.2	464.3
72.5°	824.0	899.3	1501.7	3568.0	5329.0	5065.5	878.4	363.9	380.6	397.4	334.6
75°	460.1	493.6	790.6	2062.2	2342.4	2179.3	426.7	238.4	322.1	322.1	246.8
77.5°	267.7	297.0	493.6	1284.2	1284.2	1037.4	259.3	150.6	242.6	217.5	133.9
80°	125.5	142.2	271.9	711.1	811.5	669.3	146.4	104.6	159.0	138.0	87.8
82.5°	37.6	46.0	133.9	276.1	460.1	393.2	75.3	66.9	117.1	87.8	50.2
85°	25.1	29.3	66.9	112.9	225.9	196.6	25.1	20.9	50.2	41.8	20.9
87.5°	4.2	4.2	8.4	8.4	8.4	8.4	4.2	4.2	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: P1502489
CATALOG NUMBER: GSS-SB4A-740-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0	3773.0
2.5°	3793.9	3764.6	3697.7	3634.9	3601.5	3526.2	3496.9	3463.4	3446.7	3442.5	3417.4
5°	3810.6	3756.3	3588.9	3421.6	3245.9	3078.6	2907.1	2756.5	2635.2	2639.4	2643.6
7.5°	3860.8	3752.1	3459.3	3124.6	2748.2	2313.1	1848.8	1501.7	1280.0	1234.0	1192.1
10°	3927.8	3768.8	3300.3	2681.2	1940.9	1221.4	861.7	736.2	681.8	669.3	673.4
12.5°	4053.2	3810.6	3099.5	2070.5	1075.0	702.7	623.3	602.3	594.0	594.0	594.0
15°	4208.0	3869.2	2785.8	1355.3	702.7	585.6	568.9	564.7	556.3	556.3	560.5
17.5°	4337.7	3869.2	2371.7	882.6	577.2	543.8	531.2	527.0	527.0	531.2	527.0
20°	4479.9	3839.9	1907.4	665.1	535.4	506.1	497.8	497.8	497.8	501.9	501.9
22.5°	4626.3	3789.7	1476.6	568.9	497.8	472.7	468.5	472.7	476.9	481.0	481.0
25°	4789.4	3727.0	1167.0	527.0	464.3	443.4	443.4	443.4	447.6	455.9	460.1
27.5°	4969.3	3672.6	999.7	501.9	435.0	414.1	414.1	418.3	426.7	430.8	435.0
30°	5136.6	3672.6	945.3	514.5	422.5	397.4	389.0	393.2	401.6	409.9	409.9
32.5°	5345.8	3714.4	974.6	568.9	418.3	372.3	363.9	363.9	372.3	376.5	376.5
35°	5521.4	3793.9	1075.0	644.2	435.0	351.4	334.6	330.4	338.8	334.6	338.8
37.5°	5663.7	3902.7	1259.1	744.6	468.5	326.3	305.4	292.8	292.8	292.8	292.8
40°	5705.5	4011.4	1493.3	811.5	464.3	297.0	267.7	255.2	251.0	246.8	246.8
42.5°	5646.9	4061.6	1681.5	807.3	414.1	276.1	238.4	221.7	209.1	205.0	205.0
45°	5600.9	4086.7	1748.5	702.7	376.5	251.0	213.3	192.4	179.9	175.7	171.5
47.5°	5605.1	4111.8	1648.1	573.1	343.0	230.1	192.4	171.5	159.0	154.8	150.6
50°	5621.8	4070.0	1397.1	476.9	313.7	209.1	171.5	154.8	142.2	138.0	133.9
52.5°	5446.1	3848.3	983.0	418.3	288.6	196.6	154.8	142.2	129.7	125.5	125.5
55°	4986.0	3317.0	665.1	372.3	267.7	179.9	142.2	133.9	121.3	112.9	112.9
57.5°	4249.8	2501.4	460.1	338.8	234.2	163.1	133.9	121.3	108.8	100.4	100.4
60°	3250.1	1631.3	334.6	309.5	192.4	150.6	125.5	117.1	100.4	92.0	87.8
62.5°	*1978.5*	*916.1*	*271.9*	*271.9*	*163.1*	*142.2*	*112.9*	*104.6*	*87.8*	*75.3*	*71.1*
65°	1146.1	539.6	221.7	230.1	142.2	129.7	100.4	87.8	71.1	58.6	54.4
67.5°	552.1	313.7	175.7	163.1	125.5	108.8	87.8	75.3	62.7	50.2	46.0
70°	338.8	242.6	133.9	117.1	100.4	83.7	71.1	66.9	54.4	41.8	41.8
72.5°	276.1	196.6	104.6	83.7	75.3	58.6	58.6	54.4	41.8	33.5	29.3
75°	217.5	146.4	79.5	58.6	46.0	46.0	41.8	37.6	33.5	25.1	25.1
77.5°	117.1	100.4	58.6	33.5	25.1	29.3	29.3	25.1	20.9	16.7	16.7
80°	75.3	58.6	33.5	16.7	16.7	16.7	16.7	12.5	12.5	8.4	8.4
82.5°	37.6	29.3	16.7	4.2	8.4	8.4	8.4	8.4	8.4	4.2	4.2
85°	8.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
87.5°	0.0	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

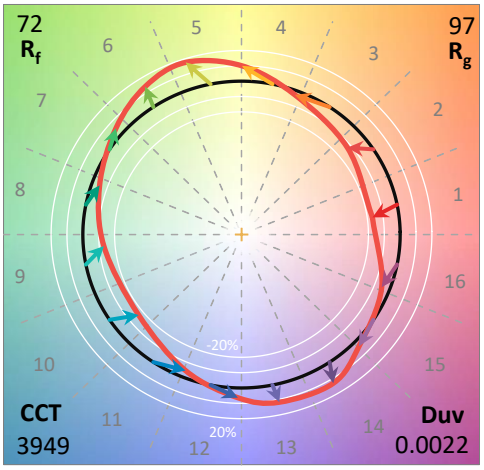
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

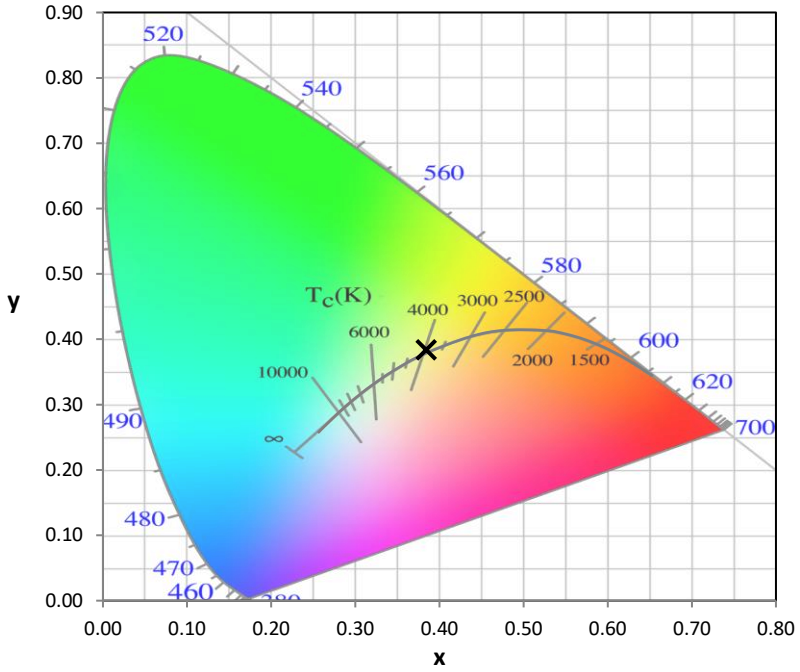
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

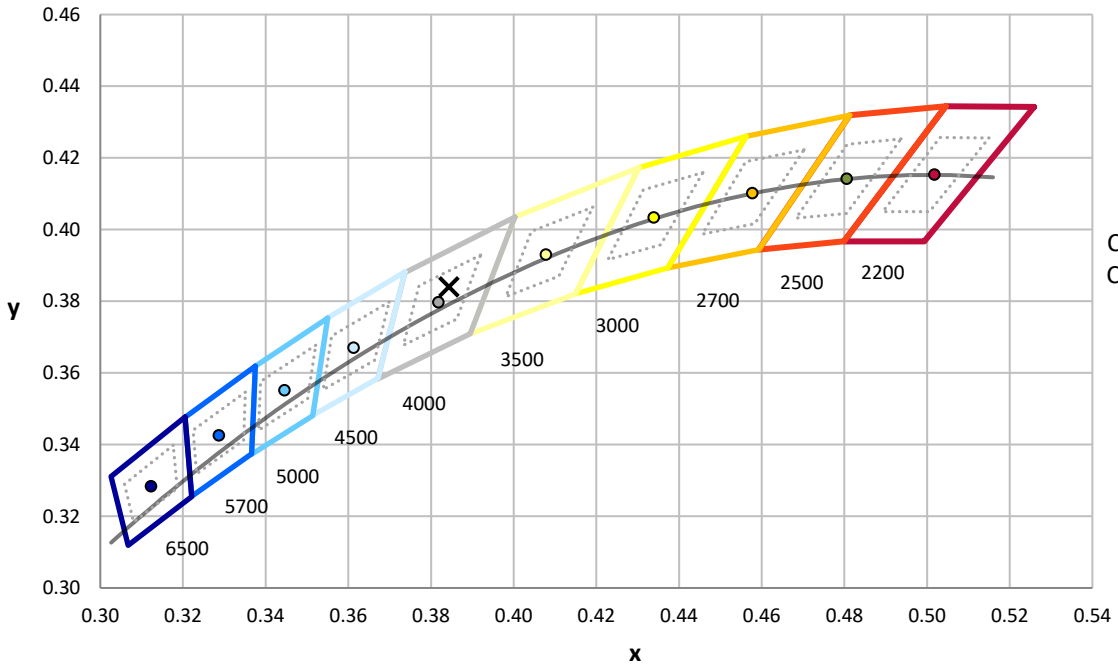
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

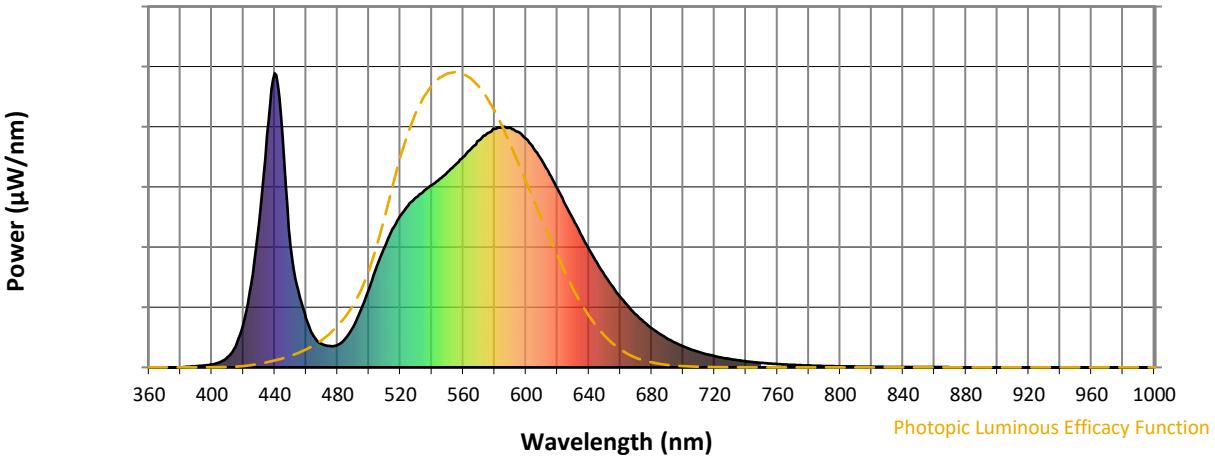


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

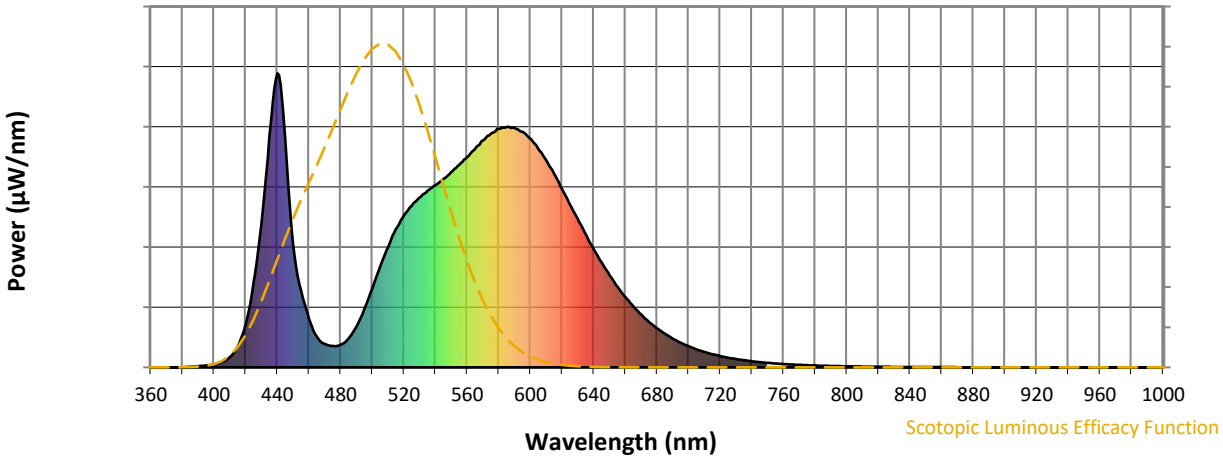


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

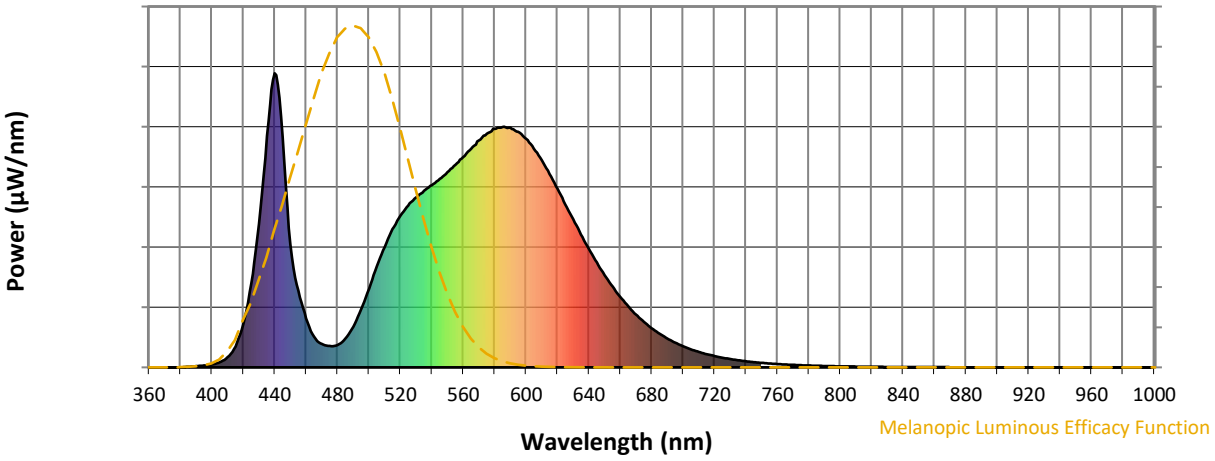


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

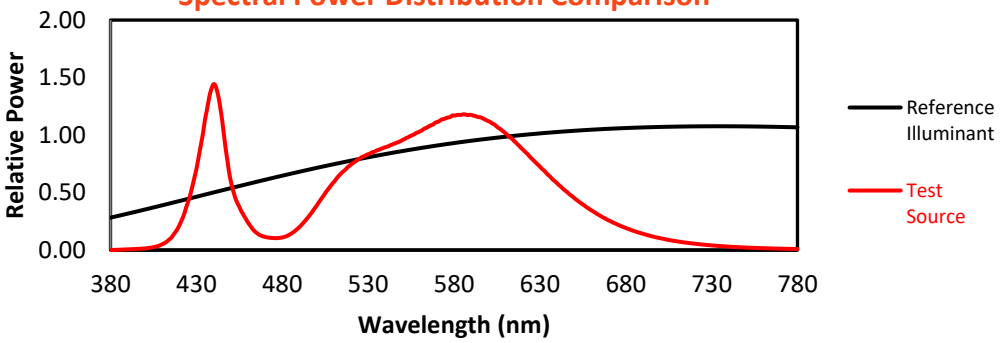
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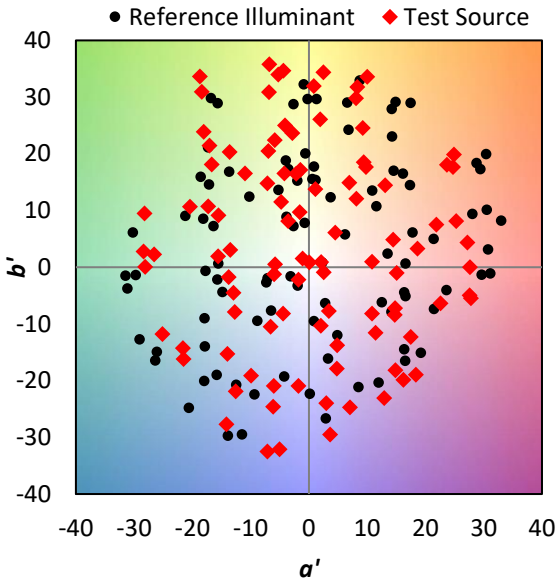
Summary

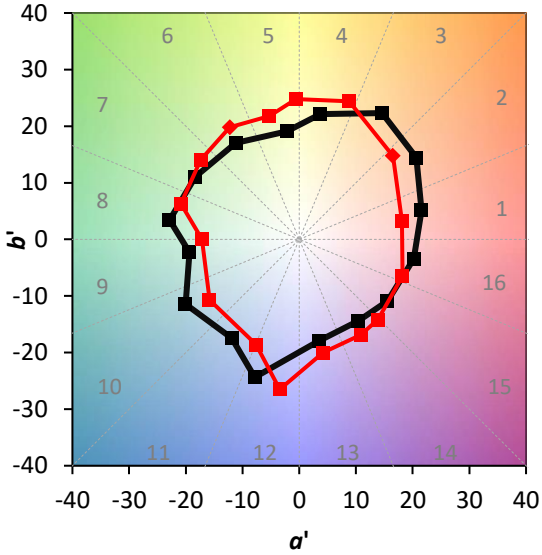
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R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

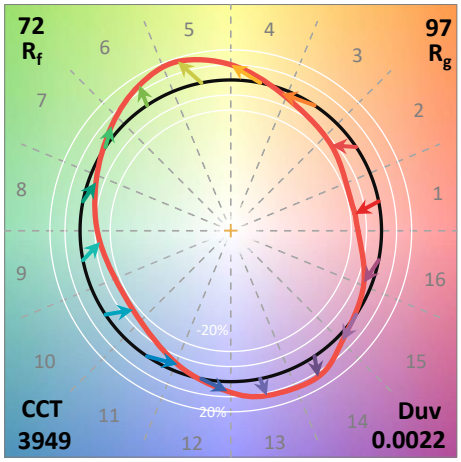
Spectral Power Distribution Comparison

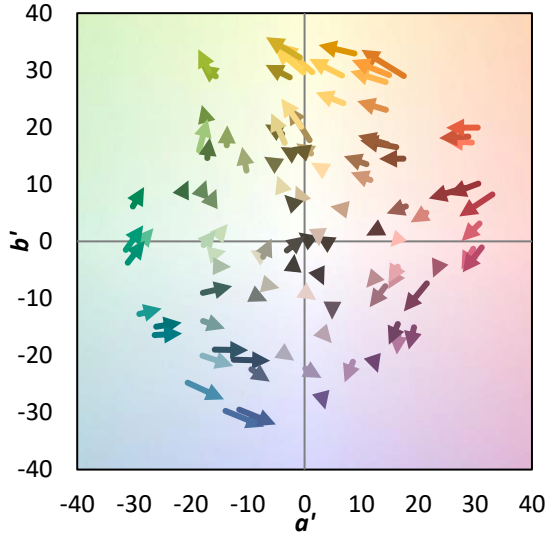


Color Vector Graphics







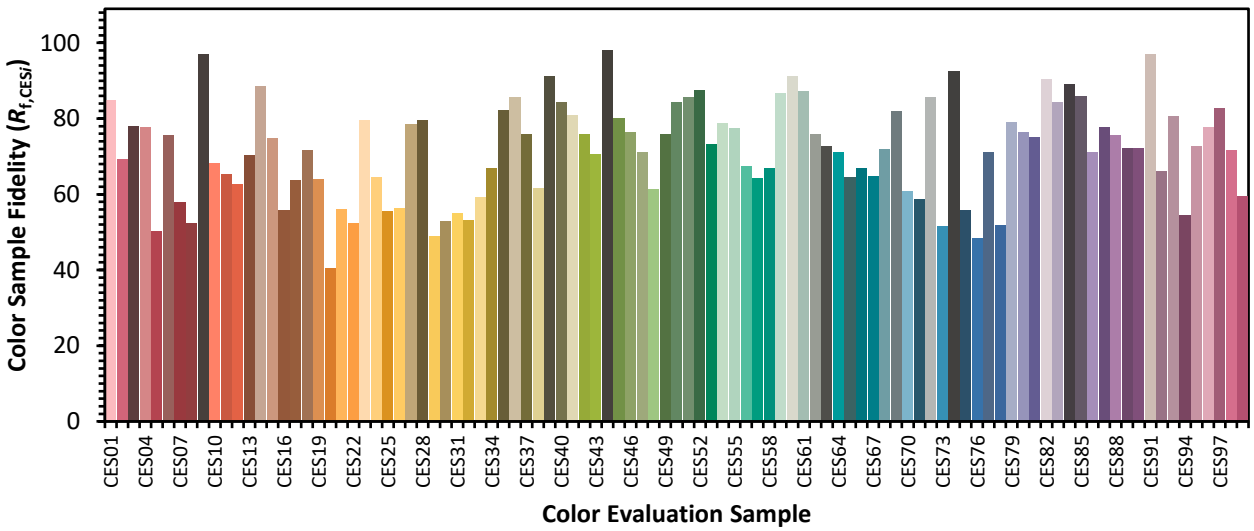


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Individual Sample Fidelity Index ($R_{f,i}$)

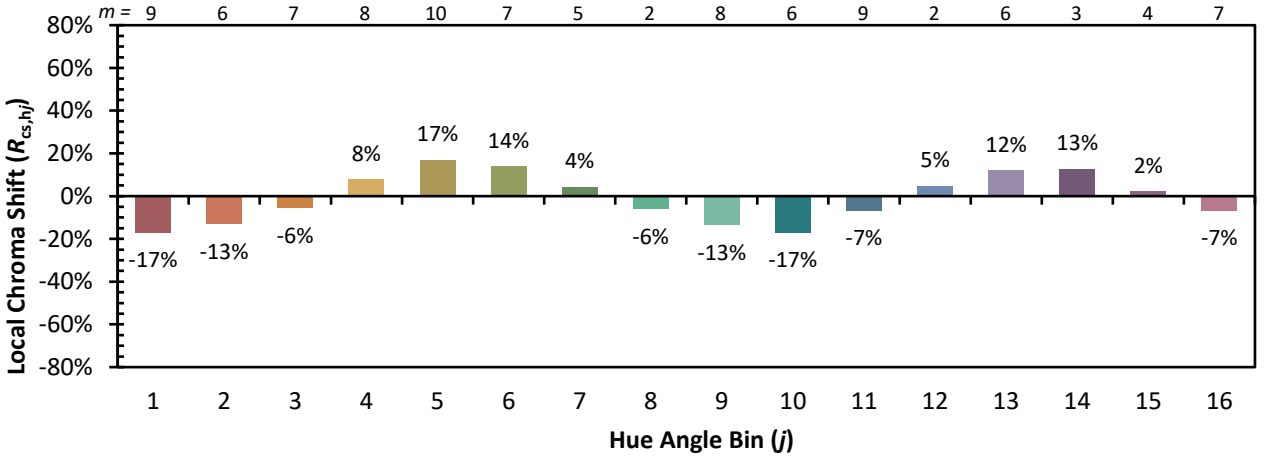
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

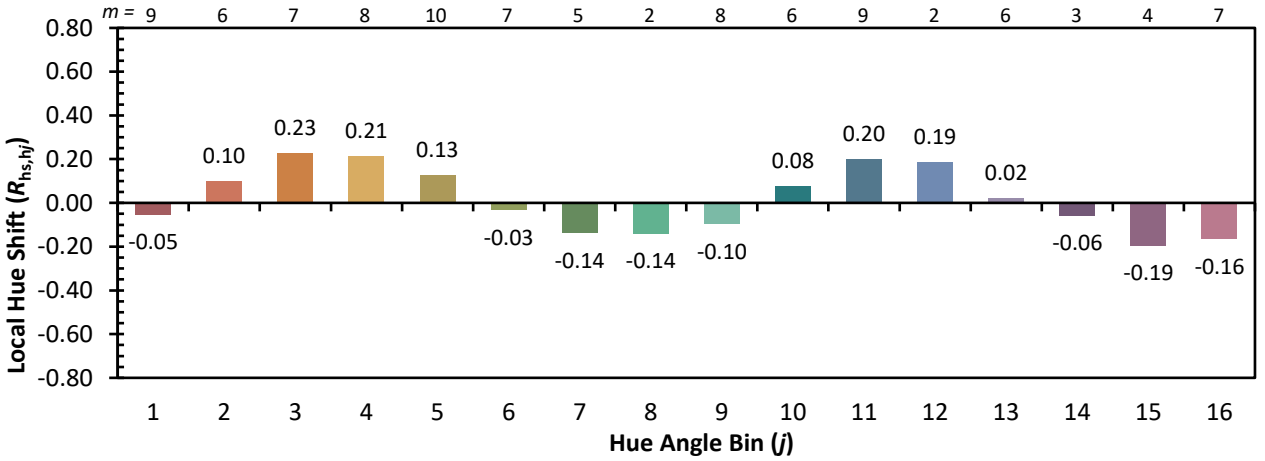


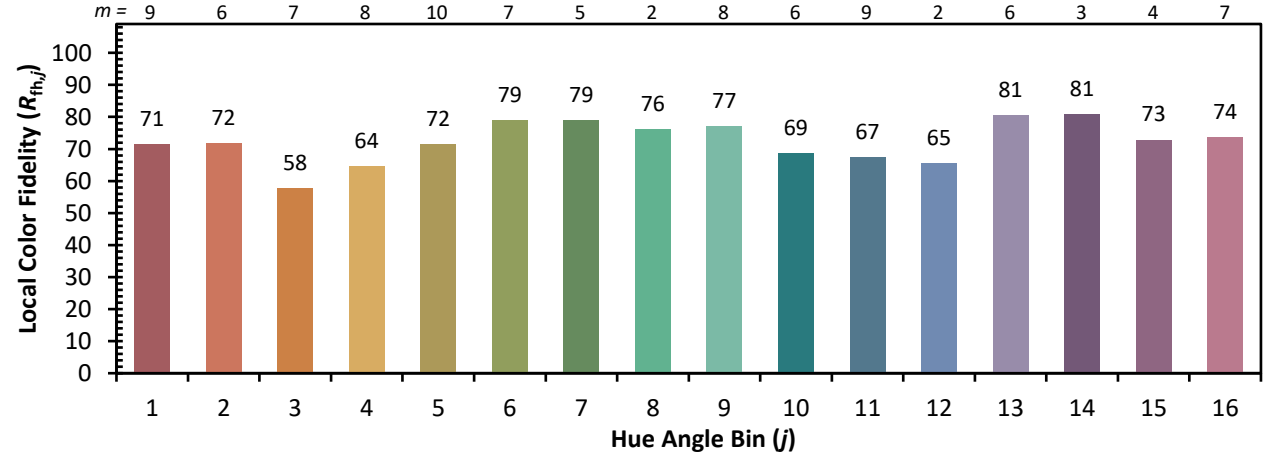
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Color Rendition by Hue-Angle Bin



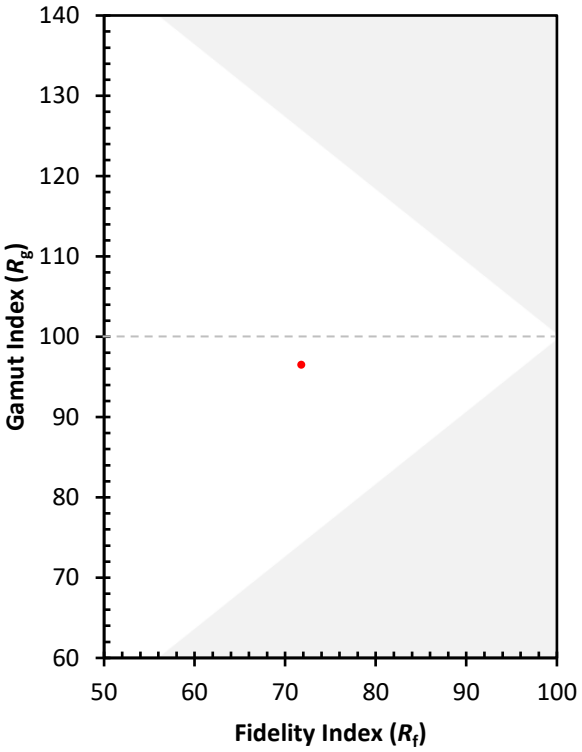


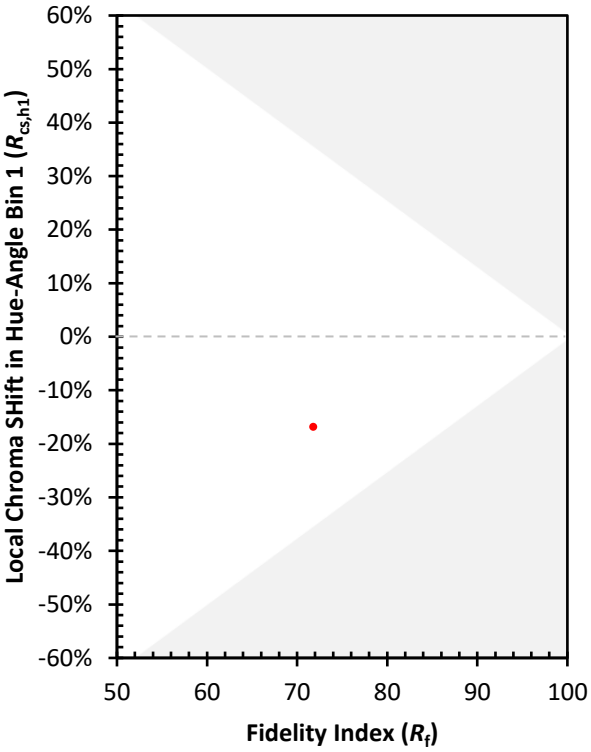


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Measure Comparisons





(END OF REPORT)