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: P1502562

Luminaire Tested: GSS-SB4B-730-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:	P1502562
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-730-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17684.5 lumens
Efficiency:	N/A
Efficacy:	119.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

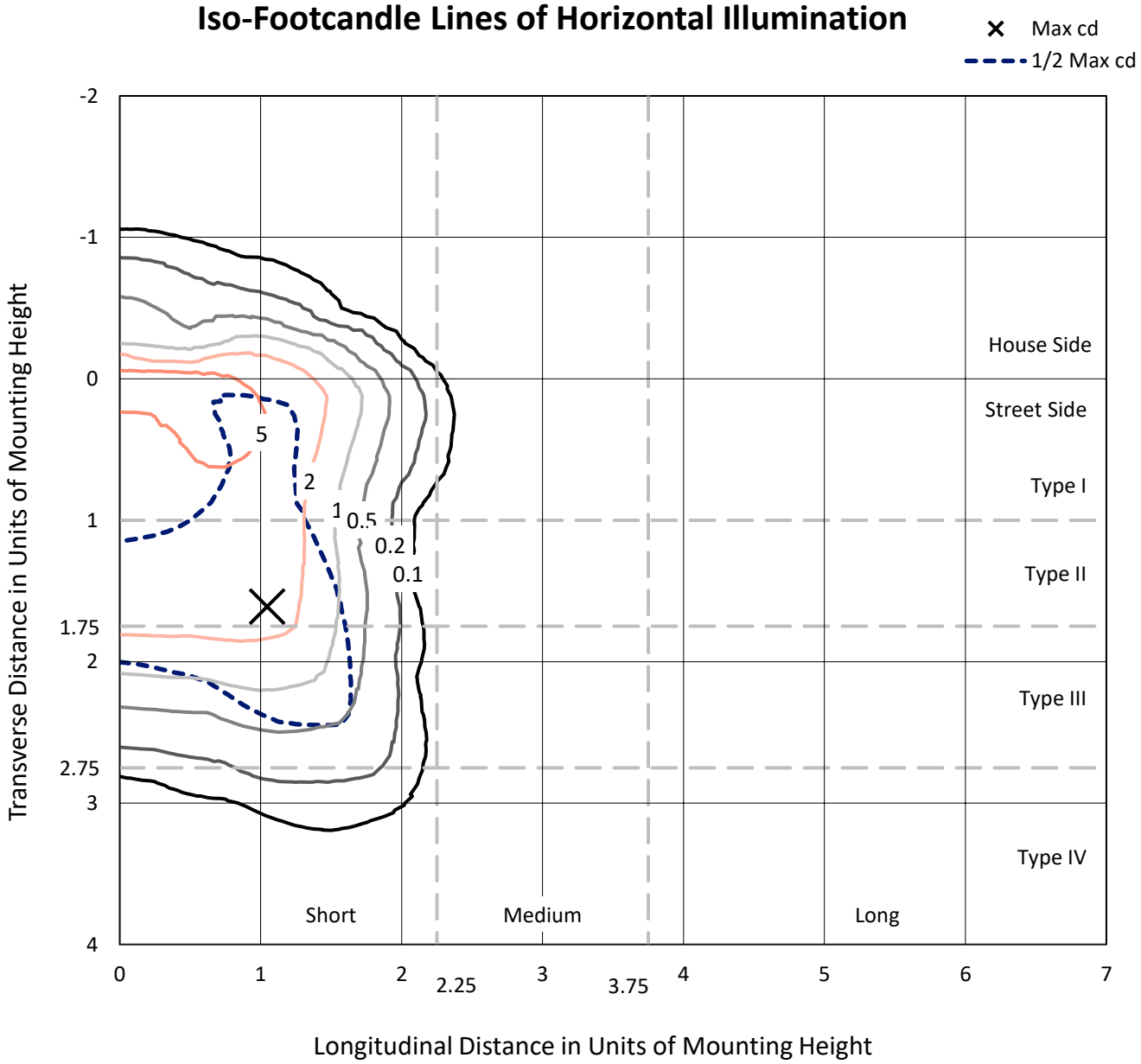
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502562
CATALOG NUMBER: GSS-SB4B-730-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



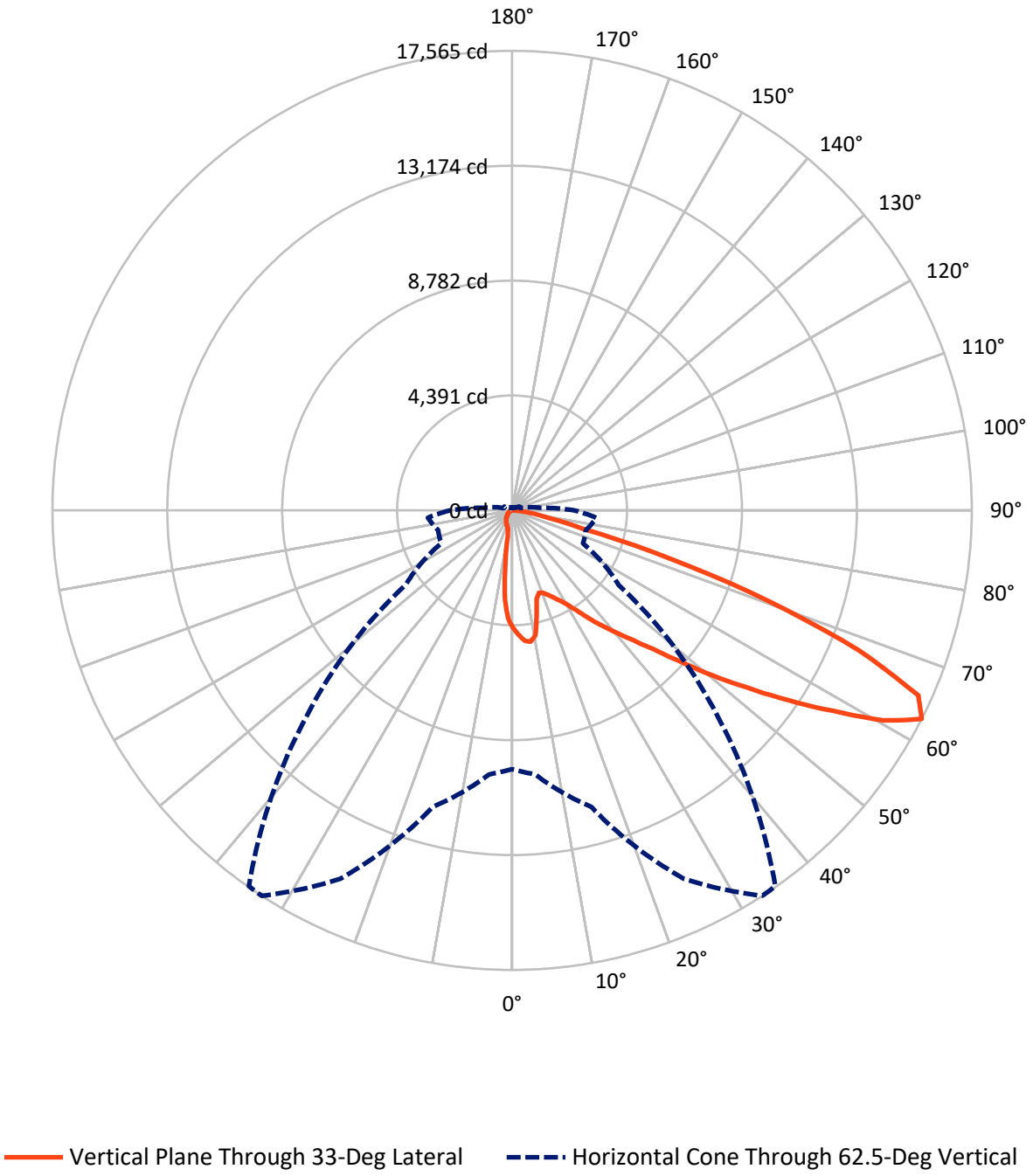
Based on 25 foot mounting height. Maximum calculated value = 8.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1502562
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Luminous Intensity Polar Plot



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Scaled Data Report

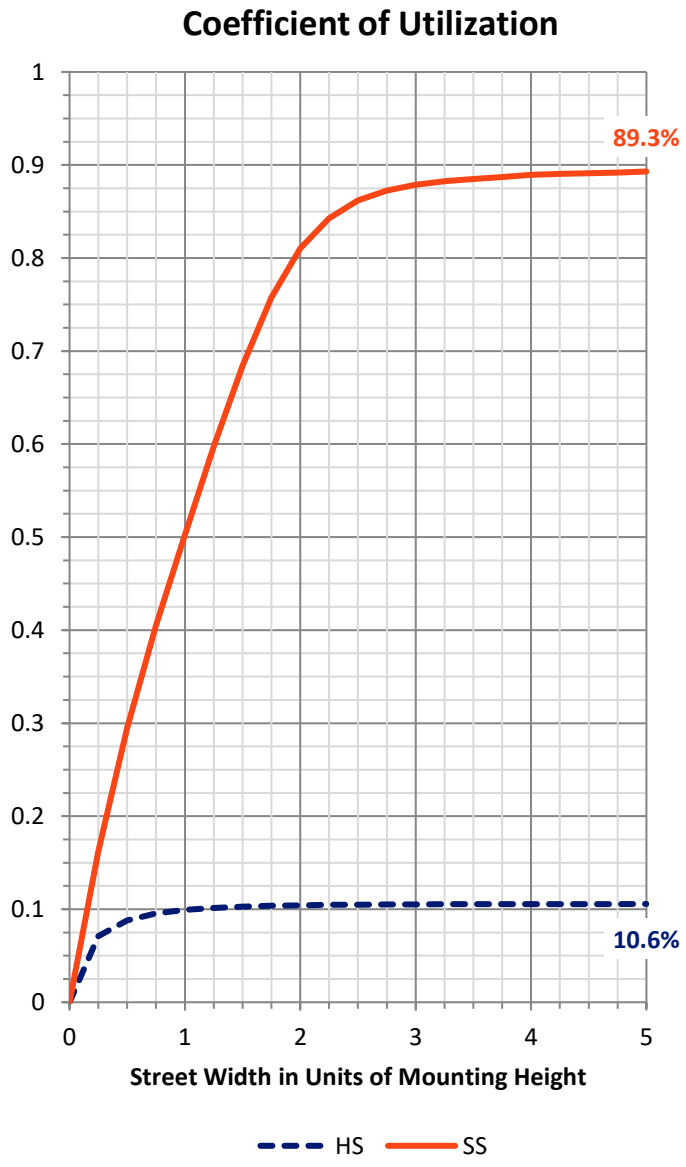
REPORT NUMBER: P1502562
CATALOG NUMBER: GSS-SB4B-730-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1881.8	0.0	1881.8
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	15802.7	0.0	15802.7
	% Fixture	89.4	0.0	89.4
Total	Lumens	17684.5	0.0	17684.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	381.9	2.2
10°-20°	852.2	4.8
20°-30°	1373.6	7.8
30°-40°	2285.0	12.9
40°-50°	3611.6	20.4
50°-60°	4852.1	27.4
60°-70°	3561.9	20.1
70°-80°	705.0	4.0
80°-90°	61.3	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°	17684.5	100.0
0°-180°	17684.5	100.0



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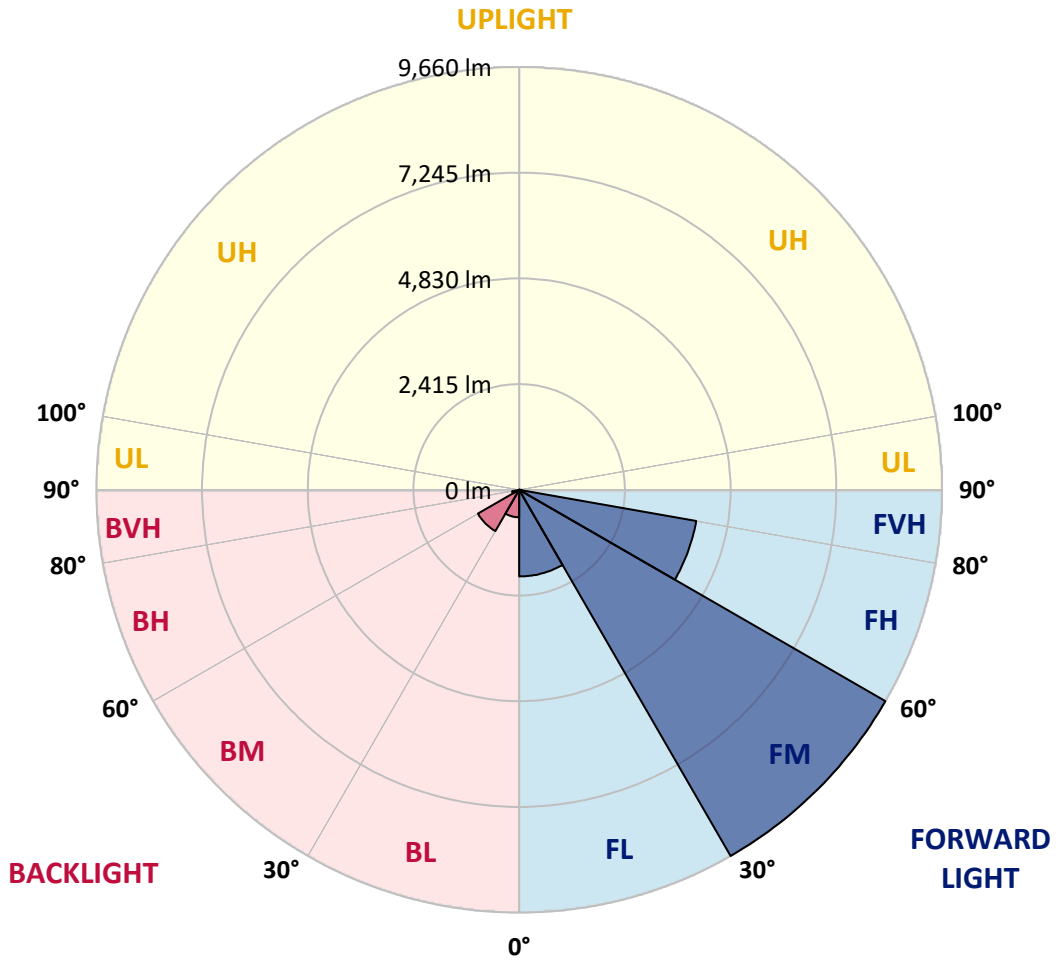
Scaled Data Report

REPORT NUMBER: P1502562
CATALOG NUMBER: GSS-SB4B-730-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1979.9	11.2			
FM	(30°-60°)	9660.1	54.6			
FH	(60°-80°)	4106.1	23.2			G2/5000
FVH	(80°-90°)	56.7	0.3			G1/100
BL	(0°-30°)	627.8	3.6	B2/1000		
BM	(30°-60°)	1088.5	6.2	B2/2500		
BH	(60°-80°)	160.8	0.9	B1/500		G1/500
BVH	(80°-90°)	4.6	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°	4492.1	4492.1	4492.1	4492.1	*4492.1*	4492.1	4492.1	4492.1	4492.1	4492.1	4492.1
2.5°	4785.9	4805.8	4805.8	4766.0	*4756.0*	4736.1	4716.2	4711.2	4646.4	4596.6	4546.8
5°	5029.9	5024.9	5020.0	5000.0	*5005.0*	4980.1	4965.2	4940.3	4830.7	4756.0	4621.5
7.5°	4925.3	4970.2	4990.1	5044.9	*5069.8*	5064.8	5104.6	5114.6	5020.0	4915.4	4711.2
10°	4243.1	4218.2	4397.4	4631.5	*4865.6*	4920.4	5134.5	5249.0	5214.2	5119.6	4855.6
12.5°	3361.6	3386.5	3511.0	3784.9	*4168.4*	4287.9	4905.4	5358.6	5458.2	5398.4	5054.8
15°	3077.7	3077.7	3142.5	3271.9	*3501.0*	3615.6	4377.5	5343.7	5717.2	5722.2	5303.8
17.5°	3017.9	3027.9	3082.7	3167.4	*3316.8*	3366.6	3899.4	5124.5	5971.2	6060.8	5582.7
20°	3027.9	3042.8	3102.6	3222.1	*3366.6*	3426.3	3774.9	4845.7	6185.3	6429.3	5876.5
22.5°	3062.8	3057.8	3162.4	3321.7	*3506.0*	3560.8	3879.5	4731.1	6364.6	6852.6	6220.2
25°	3102.6	3107.6	3242.1	3466.2	*3690.3*	3755.0	4113.6	4835.7	6494.1	7305.8	6568.8
27.5°	3222.1	3237.1	3401.4	3645.4	*3909.4*	3994.1	4417.4	5109.6	6718.2	7744.1	6947.3
30°	3406.4	3421.3	3610.6	3904.4	*4188.3*	4317.8	4795.8	5453.2	7051.8	8252.0	7335.7
32.5°	3620.5	3640.5	3884.5	4223.1	*4566.8*	4691.3	5229.1	5976.1	7495.1	8770.0	7739.1
35°	3889.5	3944.3	4208.2	4611.6	*5074.7*	5194.3	5762.0	6568.8	8072.8	9233.1	8082.7
37.5°	4258.0	4302.8	4626.5	5129.5	*5597.6*	5757.0	6359.6	7191.3	8595.7	9646.5	8361.6
40°	4706.2	4746.0	5109.6	5657.4	*6145.5*	6279.9	6987.1	7818.8	9158.4	9875.6	8421.4
42.5°	5453.2	5562.8	5791.9	6255.0	*6777.9*	6947.3	7684.3	8426.4	9566.8	9920.4	8326.8
45°	6758.0	6792.9	6842.7	7061.8	*7564.8*	7714.2	8421.4	8954.2	9810.8	9930.3	8242.1
47.5°	8008.0	8127.5	8197.3	8296.9	*8600.7*	8655.4	9193.3	9427.4	10005.0	9895.5	8242.1
50°	9258.0	9347.7	9467.2	9586.7	*9910.4*	9930.3	10010.0	9746.1	10015.0	9611.6	8192.3
52.5°	10393.5	10423.4	10627.6	10856.6	*11260.0*	11369.6	10767.0	9980.1	9412.4	8715.2	7958.2
55°	11409.4	11449.3	11758.0	12226.2	*12803.9*	12948.3	11693.3	9527.0	8122.6	7554.8	7415.4
57.5°	12066.8	12161.4	12779.0	13809.9	*14462.3*	14397.5	12410.4	8466.2	6523.9	6180.3	6454.2
60°	11738.1	11867.6	13167.4	15139.5	*16299.9*	16110.7	12211.2	6967.2	4820.8	4571.7	5109.6
62.5°	*9890.5*	*10129.6*	*11738.1*	*15533.0*	*17564.9*	*17535.0*	*11085.7*	*4970.2*	*2988.1*	*2923.3*	*3227.1*
65°	6877.5	7290.9	9198.3	14218.2	*17056.9*	17101.7	9332.7	2893.4	1384.5	1718.1	1887.5
67.5°	4053.8	4347.6	5926.3	11608.6	*14312.8*	13899.5	6344.7	1339.7	692.2	1045.8	1001.0
70°	1782.9	1982.1	3396.4	8042.9	*10428.4*	9761.0	3097.6	652.4	527.9	632.5	552.8
72.5°	981.1	1070.7	1787.9	4248.0	*6344.7*	6030.9	1045.8	433.3	453.2	473.1	398.4
75°	547.8	587.7	941.2	2455.2	*2788.9*	2594.6	508.0	283.9	383.5	383.5	293.8
77.5°	318.7	353.6	587.7	1528.9	*1528.9*	1235.1	308.8	179.3	288.8	259.0	159.4
80°	149.4	169.3	323.7	846.6	*966.1*	796.8	174.3	124.5	189.2	164.3	104.6
82.5°	44.8	54.8	159.4	328.7	*547.8*	468.1	89.6	79.7	139.4	104.6	59.8
85°	29.9	34.9	79.7	134.5	*268.9*	234.1	29.9	24.9	59.8	49.8	24.9
87.5°	5.0	5.0	10.0	10.0	*10.0*	10.0	5.0	5.0	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: P1502562
CATALOG NUMBER: GSS-SB4B-730-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4492.1	4492.1	4492.1	4492.1	4492.1	4492.1	4492.1	4492.1	4492.1	4492.1	4492.1
2.5°	4517.0	4482.1	4402.4	4327.7	4287.9	4198.2	4163.4	4123.5	4103.6	4098.6	4068.8
5°	4536.9	4472.1	4272.9	4073.7	3864.6	3665.4	3461.2	3281.9	3137.5	3142.5	3147.4
7.5°	4596.6	4467.2	4118.6	3720.1	3271.9	2754.0	2201.2	1787.9	1523.9	1469.1	1419.3
10°	4676.3	4487.1	3929.3	3192.3	2310.8	1454.2	1025.9	876.5	811.8	796.8	801.8
12.5°	4825.7	4536.9	3690.3	2465.2	1279.9	836.7	742.0	717.1	707.2	707.2	707.2
15°	5010.0	4606.6	3316.8	1613.6	836.7	697.2	677.3	672.3	662.4	662.4	667.3
17.5°	5164.4	4606.6	2823.7	1050.8	687.3	647.4	632.5	627.5	627.5	632.5	627.5
20°	5333.7	4571.7	2270.9	791.8	637.5	602.6	592.6	592.6	592.6	597.6	597.6
22.5°	5508.0	4512.0	1758.0	677.3	592.6	562.8	557.8	562.8	567.7	572.7	572.7
25°	5702.2	4437.3	1389.5	627.5	552.8	527.9	527.9	527.9	532.9	542.8	547.8
27.5°	5916.4	4372.5	1190.2	597.6	517.9	493.0	493.0	498.0	508.0	513.0	517.9
30°	6115.6	4372.5	1125.5	612.6	503.0	473.1	463.2	468.1	478.1	488.1	488.1
32.5°	6364.6	4422.3	1160.4	677.3	498.0	443.2	433.3	433.3	443.2	448.2	448.2
35°	6573.8	4517.0	1279.9	766.9	517.9	418.3	398.4	393.4	403.4	398.4	403.4
37.5°	6743.1	4646.4	1499.0	886.5	557.8	388.4	363.5	348.6	348.6	348.6	348.6
40°	6792.9	4775.9	1777.9	966.1	552.8	353.6	318.7	303.8	298.8	293.8	293.8
42.5°	6723.2	4835.7	2002.0	961.2	493.0	328.7	283.9	263.9	249.0	244.0	244.0
45°	6668.4	4865.6	2081.7	836.7	448.2	298.8	254.0	229.1	214.1	209.2	204.2
47.5°	6673.4	4895.5	1962.2	682.3	408.4	273.9	229.1	204.2	189.2	184.3	179.3
50°	6693.3	4845.7	1663.4	567.7	373.5	249.0	204.2	184.3	169.3	164.3	159.4
52.5°	6484.1	4581.7	1170.3	498.0	343.6	234.1	184.3	169.3	154.4	149.4	149.4
55°	5936.3	3949.2	791.8	443.2	318.7	214.1	169.3	159.4	144.4	134.5	134.5
57.5°	5059.8	2978.1	547.8	403.4	278.9	194.2	159.4	144.4	129.5	119.5	119.5
60°	3869.5	1942.2	398.4	368.5	229.1	179.3	149.4	139.4	119.5	109.6	104.6
62.5°	*2355.6*	*1090.6*	*323.7*	*323.7*	*194.2*	*169.3*	*134.5*	*124.5*	*104.6*	*89.6*	*84.7*
65°	1364.6	642.4	263.9	273.9	169.3	154.4	119.5	104.6	84.7	69.7	64.7
67.5°	657.4	373.5	209.2	194.2	149.4	129.5	104.6	89.6	74.7	59.8	54.8
70°	403.4	288.8	159.4	139.4	119.5	99.6	84.7	79.7	64.7	49.8	49.8
72.5°	328.7	234.1	124.5	99.6	89.6	69.7	69.7	64.7	49.8	39.8	34.9
75°	259.0	174.3	94.6	69.7	54.8	54.8	49.8	44.8	39.8	29.9	29.9
77.5°	139.4	119.5	69.7	39.8	29.9	34.9	34.9	29.9	24.9	19.9	19.9
80°	89.6	69.7	39.8	19.9	19.9	19.9	19.9	14.9	14.9	10.0	10.0
82.5°	44.8	34.9	19.9	5.0	10.0	10.0	10.0	10.0	10.0	5.0	5.0
85°	10.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
87.5°	0.0	0.0	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0	5.0
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

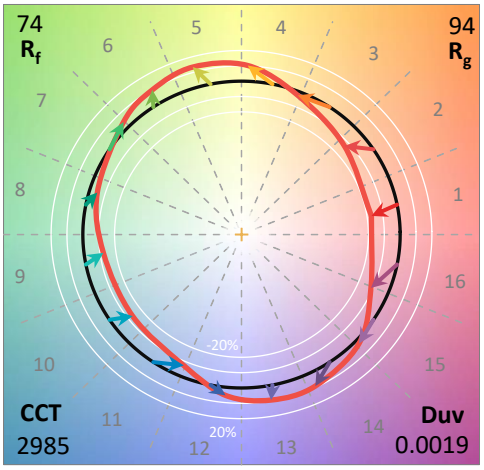
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

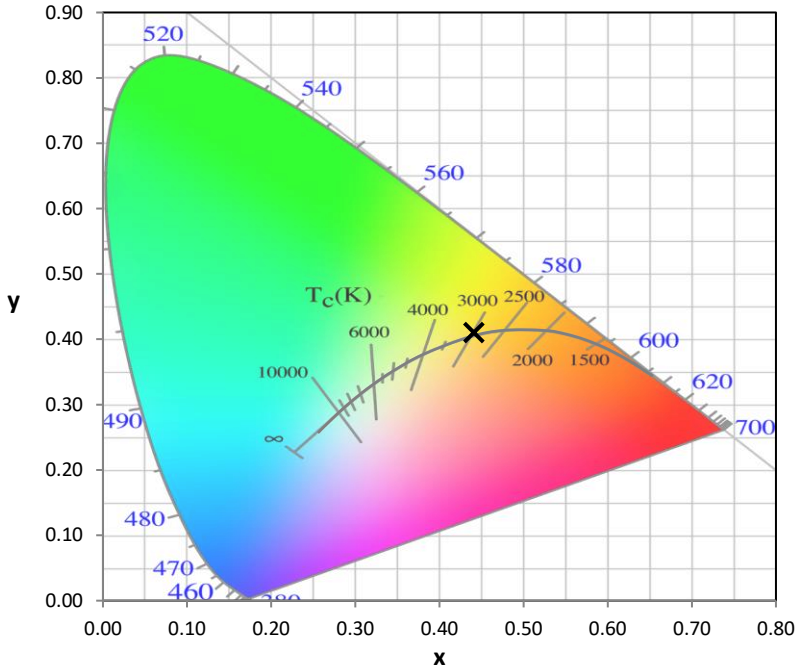
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

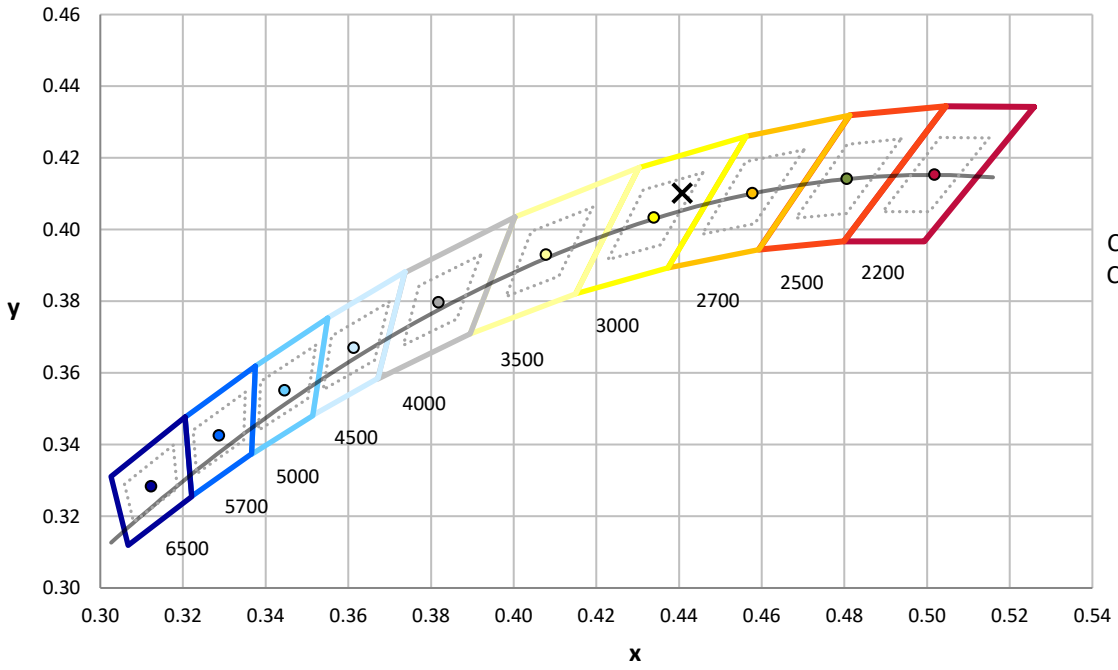
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

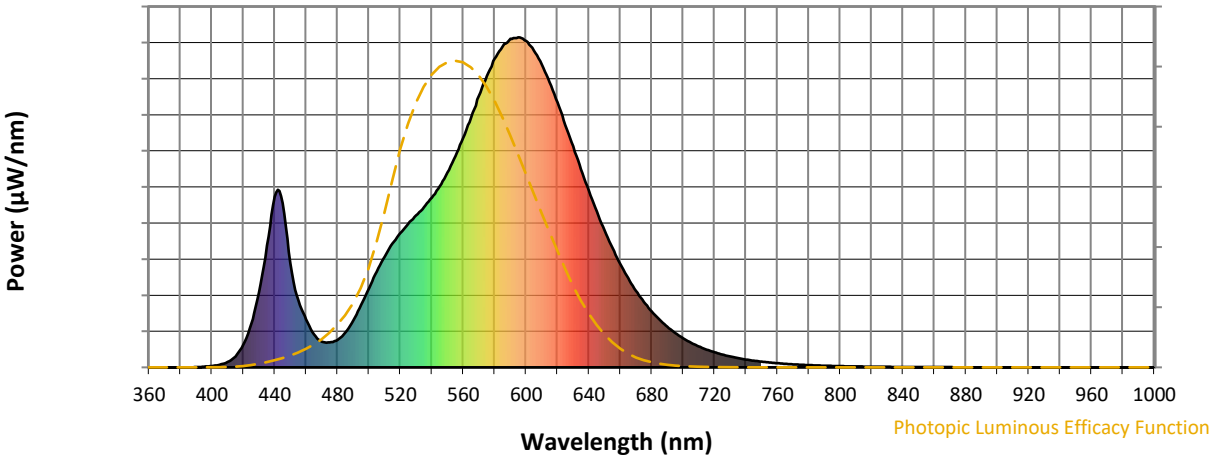


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

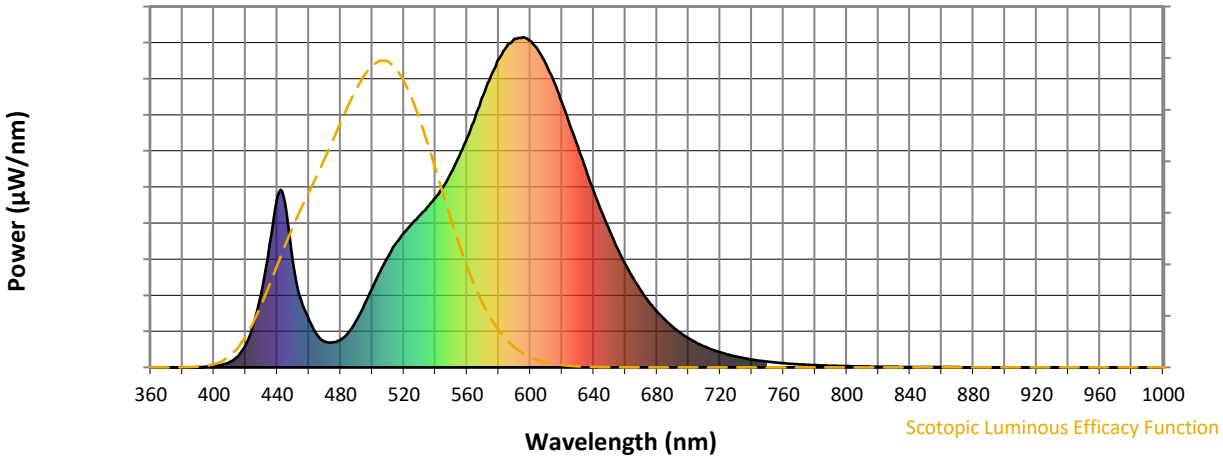


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

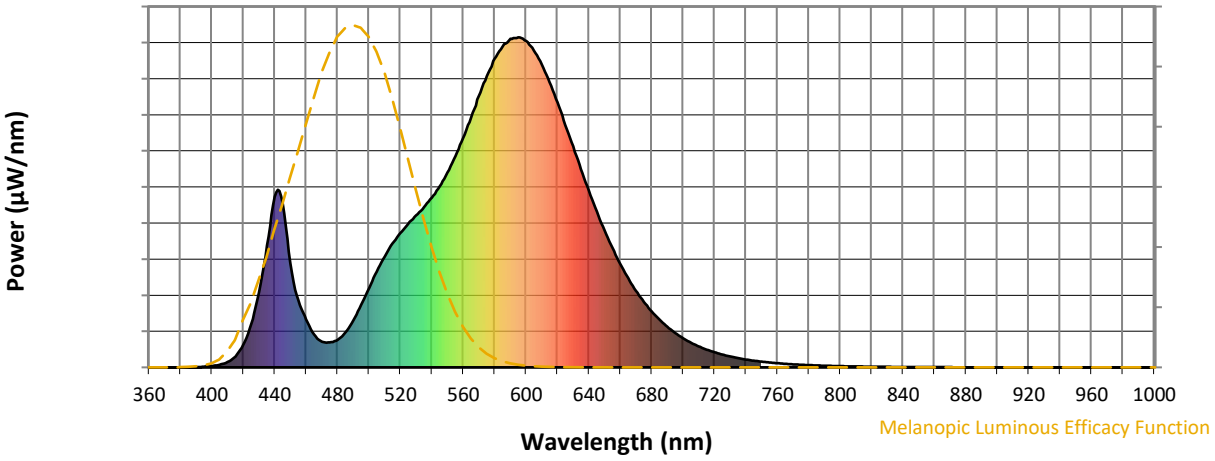


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

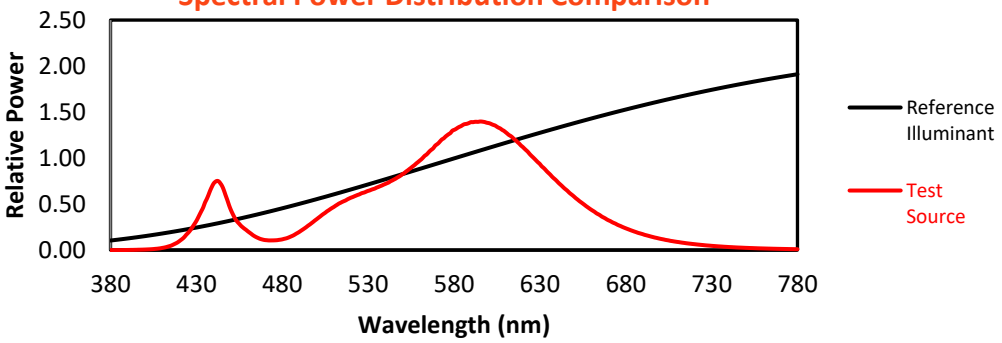
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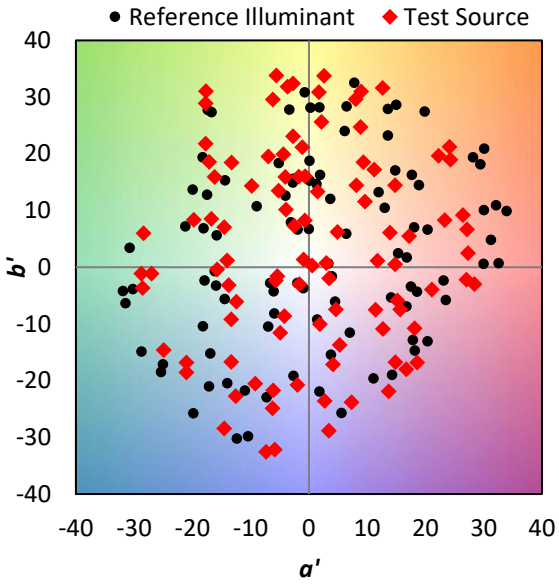
Summary

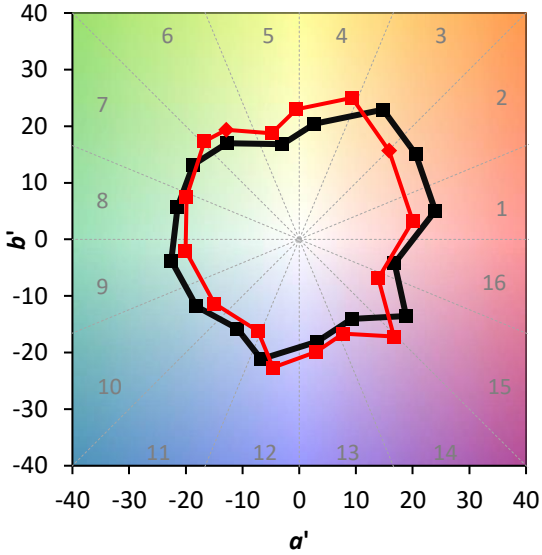
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R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

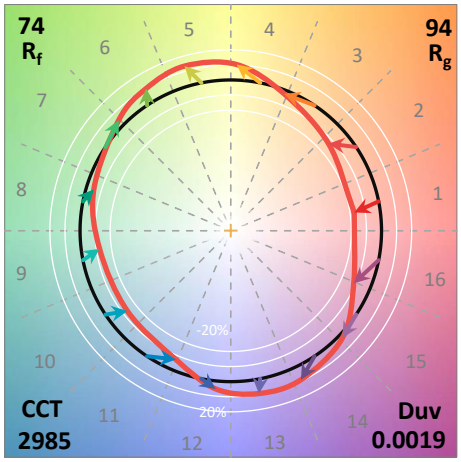
Spectral Power Distribution Comparison

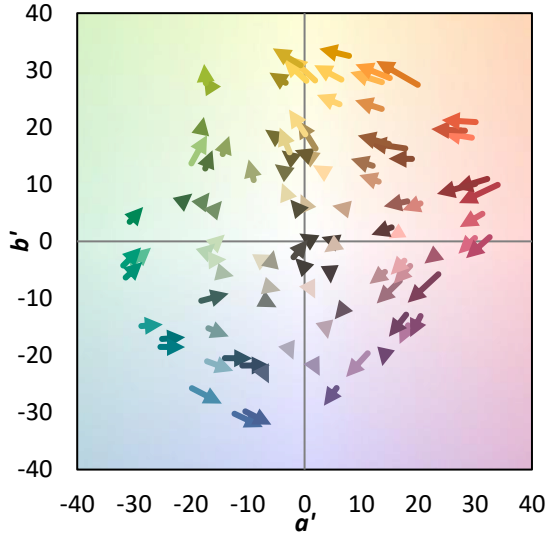


Color Vector Graphics







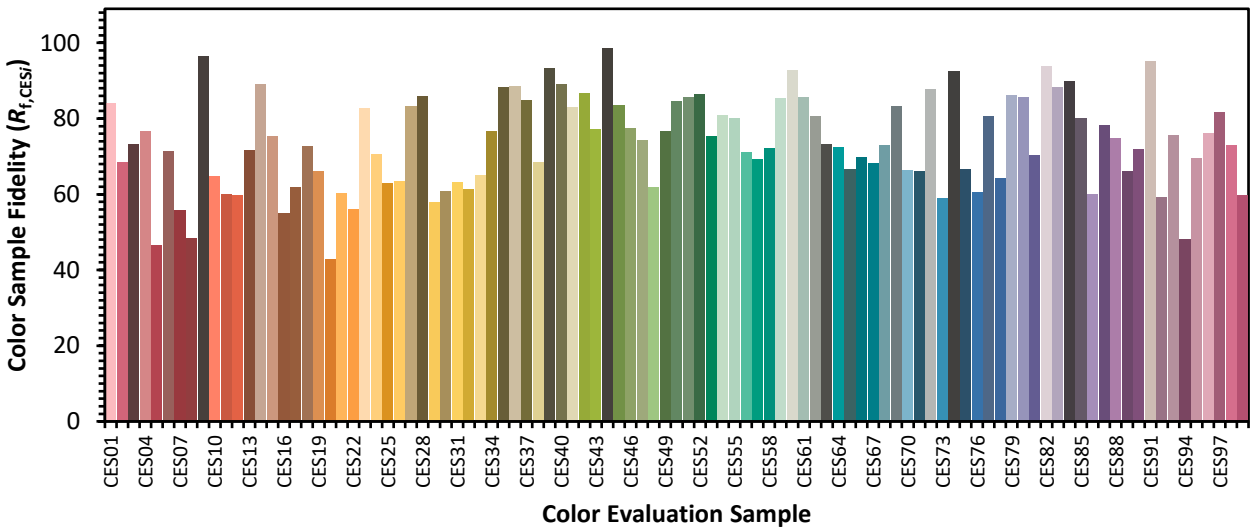


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Individual Sample Fidelity Index ($R_{f,i}$)

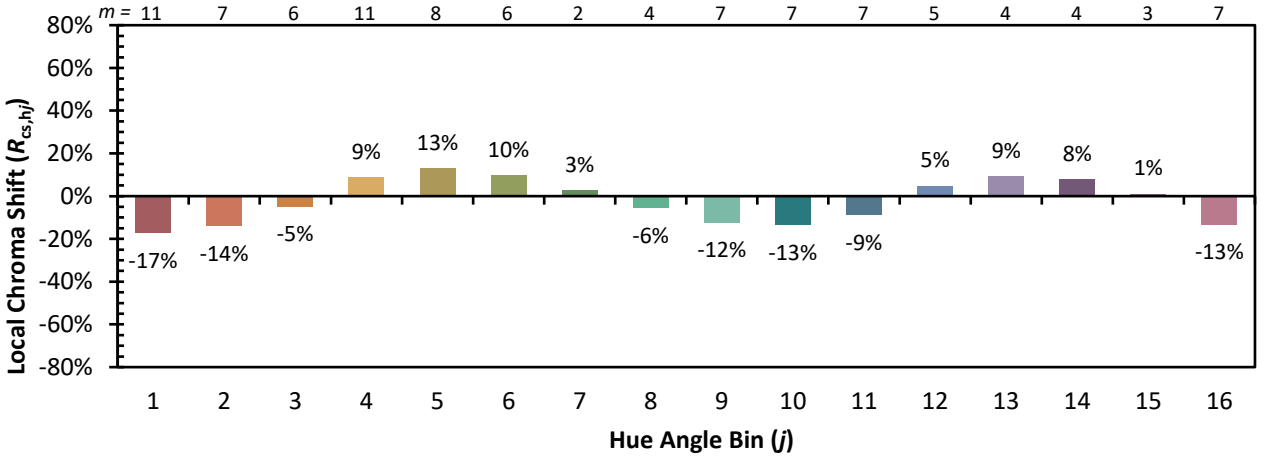
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	

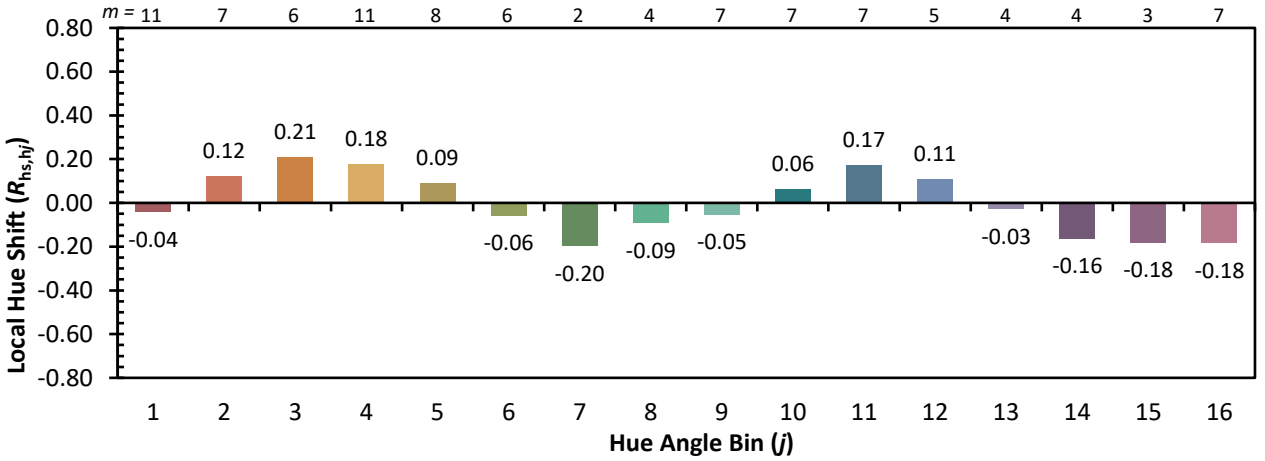


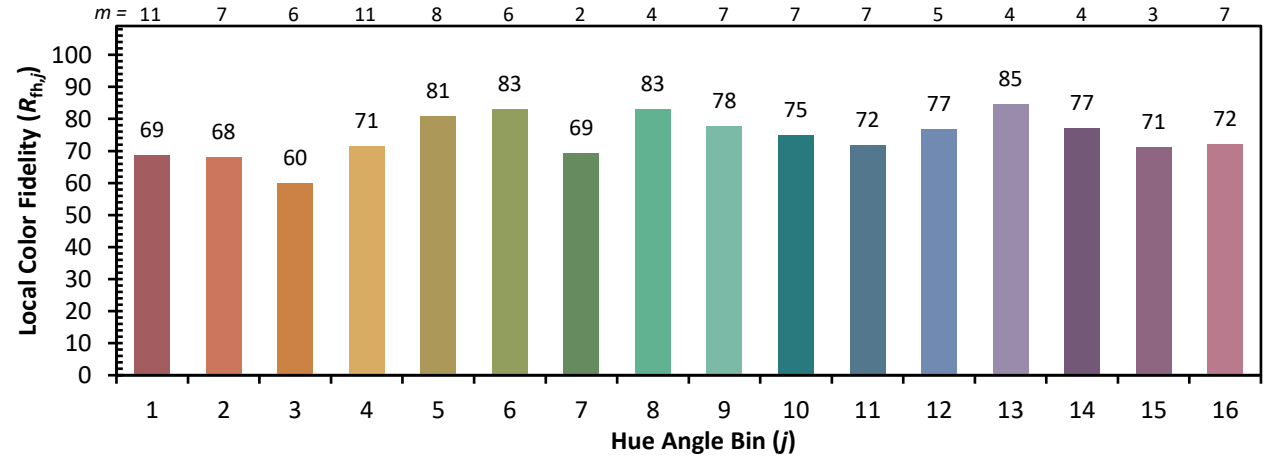
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Color Rendition by Hue-Angle Bin



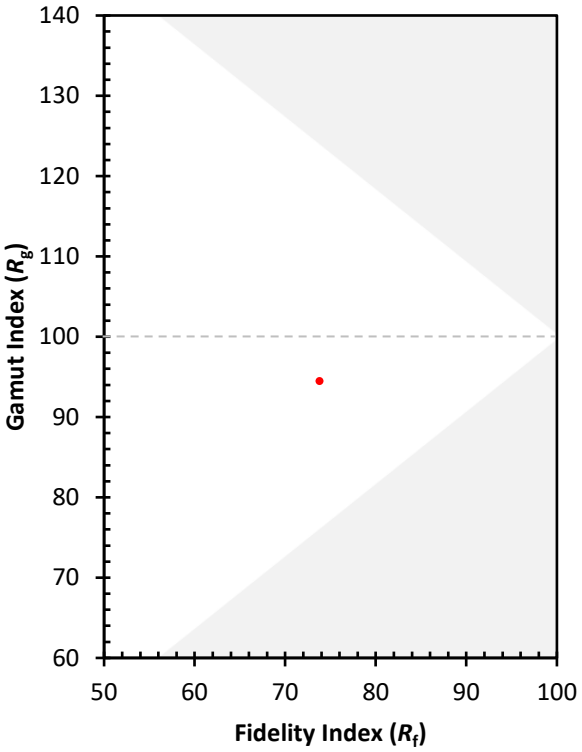


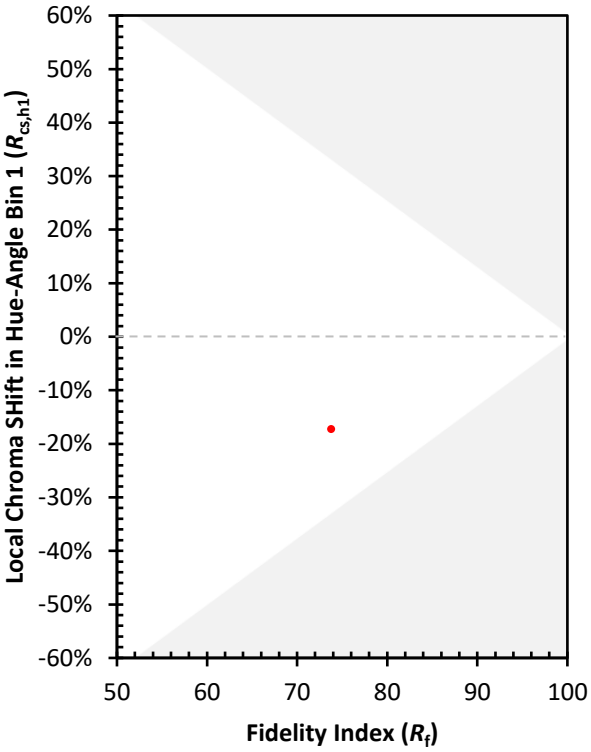


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Measure Comparisons





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