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: P1502514

Luminaire Tested: GSS-SB4B-722-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:	P1502514
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-722-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 2200K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14615.4 lumens
Efficiency:	N/A
Efficacy:	98.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

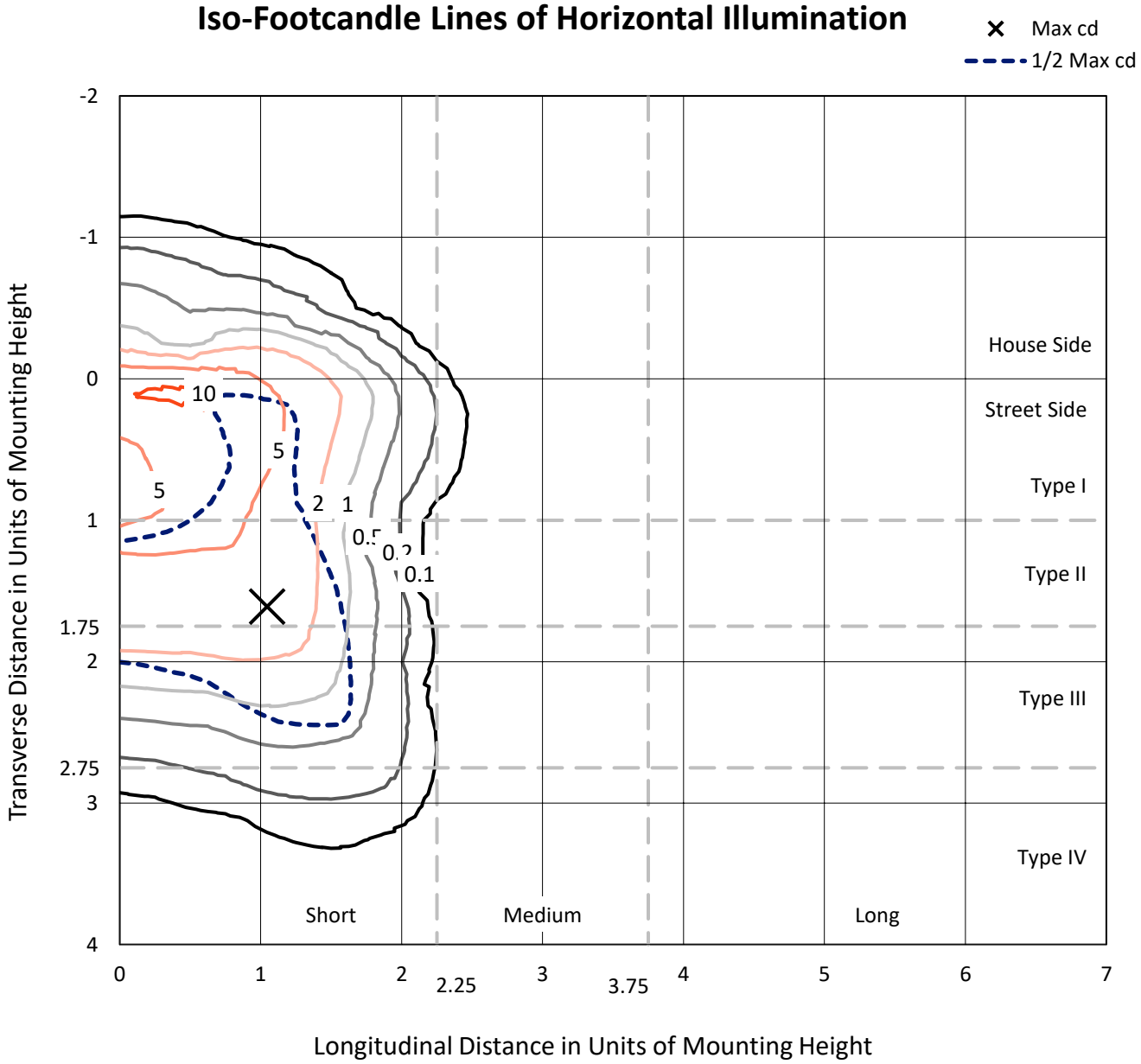
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502514
CATALOG NUMBER: GSS-SB4B-722-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



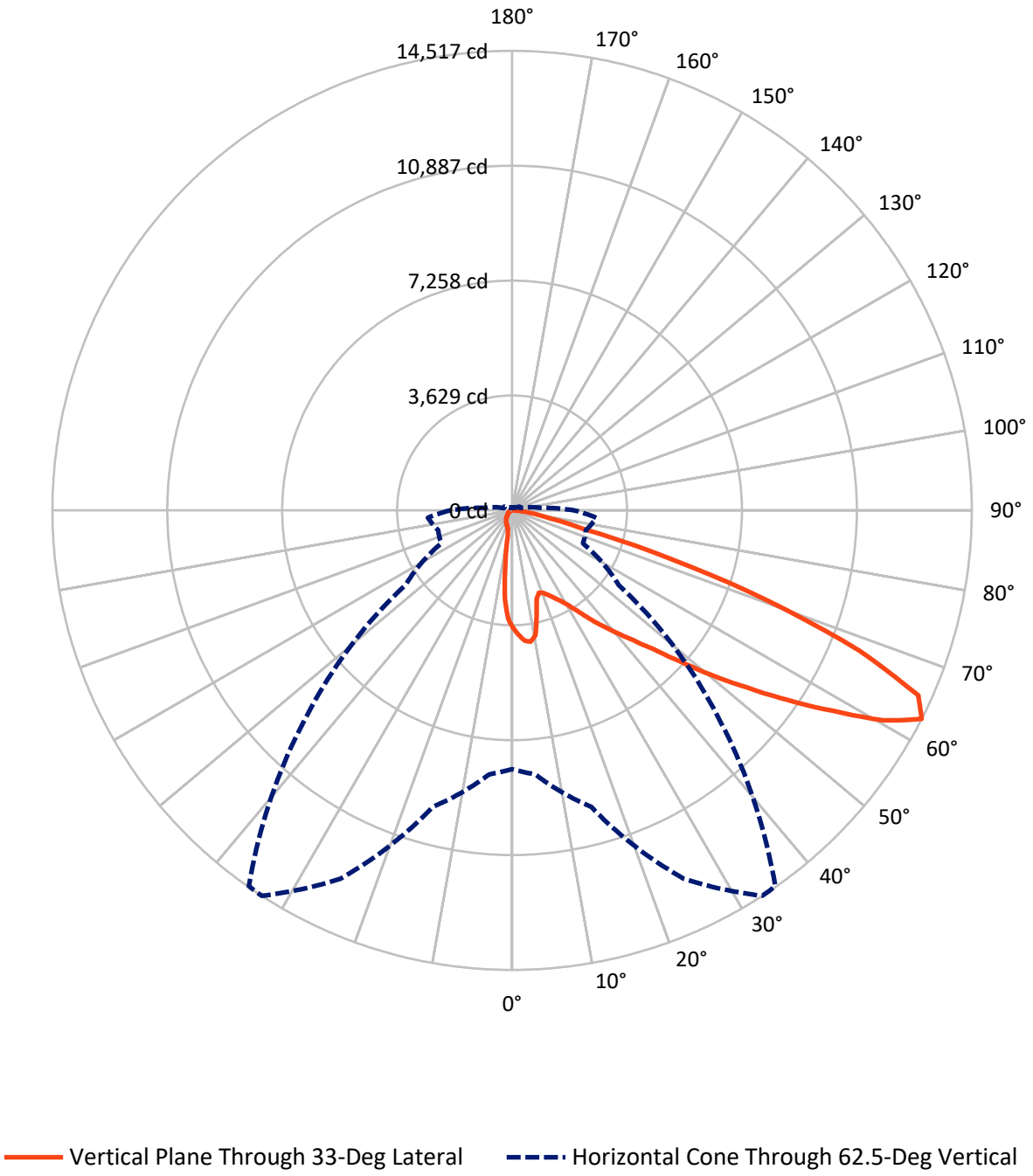
Based on 20 foot mounting height. Maximum calculated value = 11.1 fc
Type III - Short - N/A

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REPORT NUMBER: P1502514
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Luminous Intensity Polar Plot



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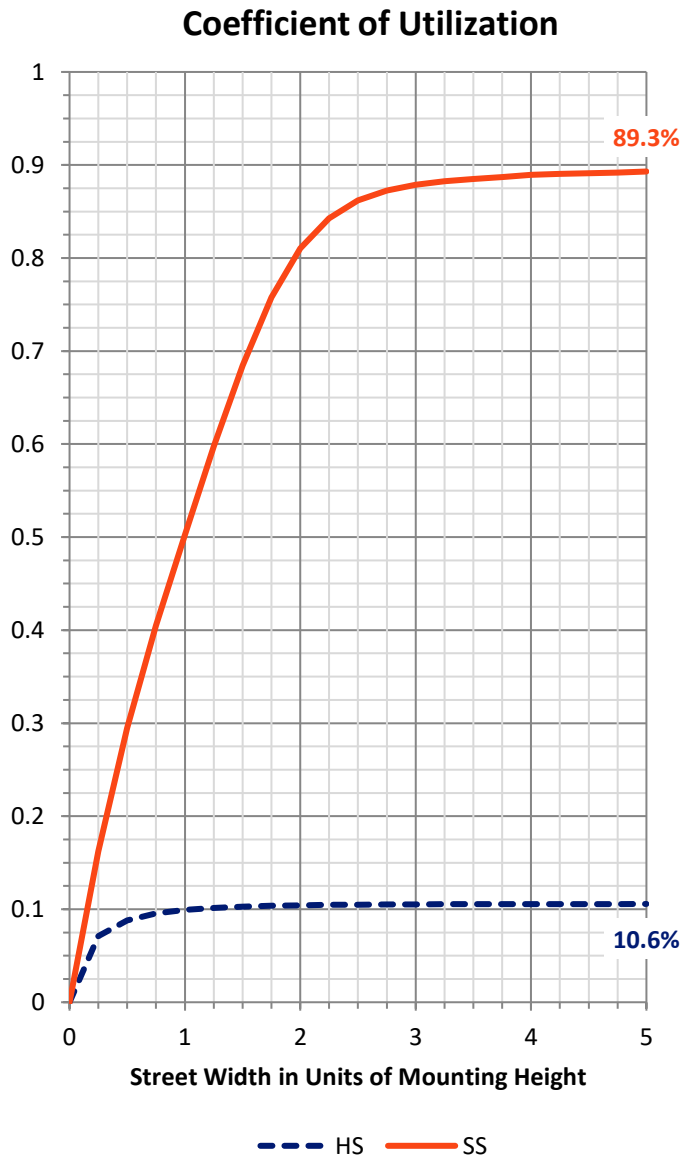
REPORT NUMBER: P1502514
CATALOG NUMBER: GSS-SB4B-722-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1555.2	0.0	1555.2
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	13060.2	0.0	13060.2
	% Fixture	89.4	0.0	89.4
Total	Lumens	14615.4	0.0	14615.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	315.6	2.2
10°-20°	704.3	4.8
20°-30°	1135.2	7.8
30°-40°	1888.5	12.9
40°-50°	2984.8	20.4
50°-60°	4010.0	27.4
60°-70°	2943.8	20.1
70°-80°	582.6	4.0
80°-90°	50.6	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°	14615.4	100.0
0°-180°	14615.4	100.0



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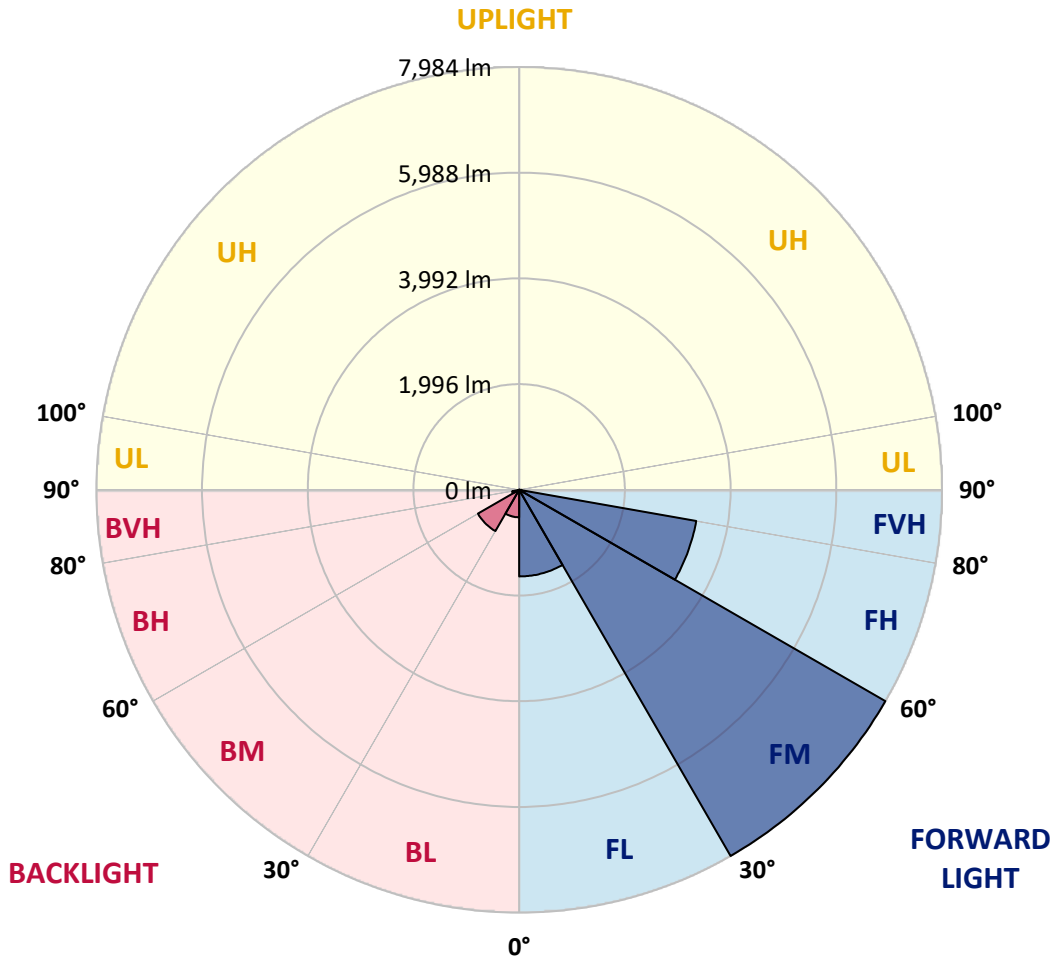
Scaled Data Report

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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°)	1636.3	11.2			
FM	(30°-60°)	7983.6	54.6			
FH	(60°-80°)	3393.5	23.2			G2/5000
FVH	(80°-90°)	46.8	0.3			G1/100
BL	(0°-30°)	518.9	3.6	B2/1000		
BM	(30°-60°)	899.6	6.2	B1/1000		
BH	(60°-80°)	132.9	0.9	B1/500		G1/500
BVH	(80°-90°)	3.8	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°	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5
2.5°	3955.3	3971.8	3971.8	3938.9	3930.6	3914.2	3897.7	3893.6	3840.1	3798.9	3757.8
5°	4157.0	4152.9	4148.8	4132.3	4136.4	4115.8	4103.5	4082.9	3992.4	3930.6	3819.5
7.5°	4070.6	4107.6	4124.1	4169.3	4189.9	4185.8	4218.7	4227.0	4148.8	4062.3	3893.6
10°	3506.7	3486.1	3634.3	3827.7	4021.2	4066.5	4243.4	4338.1	4309.3	4231.1	4012.9
12.5°	2778.2	2798.8	2901.7	3128.0	3445.0	3543.7	4054.1	4428.6	4511.0	4461.6	4177.6
15°	2543.6	2543.6	2597.1	2704.1	2893.4	2988.1	3617.8	4416.3	4725.0	4729.1	4383.4
17.5°	2494.2	2502.4	2547.7	2617.7	2741.1	2782.3	3222.7	4235.2	4934.9	5009.0	4613.9
20°	2502.4	2514.8	2564.2	2662.9	2782.3	2831.7	3119.8	4004.7	5111.9	5313.5	4856.7
22.5°	2531.2	2527.1	2613.6	2745.3	2897.6	2942.8	3206.2	3910.0	5260.0	5663.4	5140.7
25°	2564.2	2568.3	2679.4	2864.6	3049.8	3103.3	3399.7	3996.5	5367.1	6037.9	5428.8
27.5°	2662.9	2675.3	2811.1	3012.8	3230.9	3300.9	3650.8	4222.9	5552.3	6400.1	5741.6
30°	2815.2	2827.6	2984.0	3226.8	3461.4	3568.4	3963.6	4506.8	5828.0	6819.9	6062.6
32.5°	2992.2	3008.7	3210.4	3490.2	3774.2	3877.1	4321.6	4939.0	6194.3	7248.0	6396.0
35°	3214.5	3259.7	3477.9	3811.3	4194.0	4292.8	4762.0	5428.8	6671.8	7630.8	6680.0
37.5°	3519.0	3556.1	3823.6	4239.3	4626.2	4757.9	5255.9	5943.3	7103.9	7972.4	6910.5
40°	3889.5	3922.4	4222.9	4675.6	5078.9	5190.1	5774.5	6461.9	7569.0	8161.7	6959.9
42.5°	4506.8	4597.4	4786.7	5169.5	5601.7	5741.6	6350.7	6964.0	7906.5	8198.8	6881.7
45°	5585.2	5614.0	5655.2	5836.3	6252.0	6375.4	6959.9	7400.3	8108.2	8207.0	6811.7
47.5°	6618.3	6717.1	6774.7	6857.0	7108.1	7153.3	7597.8	7791.3	8268.7	8178.2	6811.7
50°	7651.3	7725.4	7824.2	7923.0	8190.5	8207.0	8272.8	8054.7	8277.0	7943.6	6770.6
52.5°	8589.8	8614.5	8783.2	8972.5	9305.9	9396.5	8898.4	8248.1	7778.9	7202.7	6577.1
55°	9429.4	9462.3	9717.5	10104.4	10581.8	10701.2	9664.0	7873.6	6712.9	6243.7	6128.5
57.5°	9972.7	10050.9	10561.2	11413.2	11952.4	11898.9	10256.7	6996.9	5391.8	5107.8	5334.1
60°	9701.0	9808.0	10882.3	12512.2	13471.1	13314.7	10092.0	5758.1	3984.1	3778.3	4222.9
62.5°	8174.1	8371.6	9701.0	12837.3	14516.6	14491.9	9161.9	4107.6	2469.5	2416.0	2667.1
65°	5684.0	6025.6	7602.0	11750.7	14096.8	14133.8	7713.1	2391.3	1144.2	1420.0	1559.9
67.5°	3350.3	3593.1	4897.8	9594.0	11828.9	11487.3	5243.6	1107.2	572.1	864.3	827.3
70°	1473.5	1638.1	2807.0	6647.1	8618.6	8067.0	2560.1	539.2	436.3	522.7	456.9
72.5°	810.8	884.9	1477.6	3510.8	5243.6	4984.3	864.3	358.1	374.5	391.0	329.3
75°	452.7	485.7	777.9	2029.1	2304.9	2144.4	419.8	234.6	316.9	316.9	242.8
77.5°	263.4	292.2	485.7	1263.6	1263.6	1020.7	255.2	148.2	238.7	214.0	131.7
80°	123.5	139.9	267.5	699.7	798.5	658.5	144.1	102.9	156.4	135.8	86.4
82.5°	37.0	45.3	131.7	271.6	452.7	386.9	74.1	65.9	115.2	86.4	49.4
85°	24.7	28.8	65.9	111.1	222.3	193.4	24.7	20.6	49.4	41.2	20.6
87.5°	4.1	4.1	8.2	8.2	8.2	8.2	4.1	4.1	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: P1502514
CATALOG NUMBER: GSS-SB4B-722-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5	3712.5
2.5°	3733.1	3704.3	3638.4	3576.7	3543.7	3469.7	3440.8	3407.9	3391.5	3387.3	3362.6
5°	3749.5	3696.0	3531.4	3366.8	3193.9	3029.3	2860.5	2712.3	2593.0	2597.1	2601.2
7.5°	3798.9	3691.9	3403.8	3074.5	2704.1	2276.1	1819.2	1477.6	1259.4	1214.2	1173.0
10°	3864.8	3708.4	3247.4	2638.3	1909.7	1201.8	847.9	724.4	670.9	658.5	662.7
12.5°	3988.2	3749.5	3049.8	2037.3	1057.8	691.5	613.3	592.7	584.4	584.4	584.4
15°	4140.5	3807.2	2741.1	1333.5	691.5	576.2	559.8	555.6	547.4	547.4	551.5
17.5°	4268.1	3807.2	2333.7	868.4	568.0	535.1	522.7	518.6	518.6	522.7	518.6
20°	4408.1	3778.3	1876.8	654.4	526.8	498.0	489.8	489.8	489.8	493.9	493.9
22.5°	4552.1	3729.0	1452.9	559.8	489.8	465.1	461.0	465.1	469.2	473.3	473.3
25°	4712.6	3667.2	1148.3	518.6	456.9	436.3	436.3	436.3	440.4	448.6	452.7
27.5°	4889.6	3613.7	983.7	493.9	428.0	407.5	407.5	411.6	419.8	423.9	428.0
30°	5054.3	3613.7	930.2	506.2	415.7	391.0	382.8	386.9	395.1	403.4	403.4
32.5°	5260.0	3654.9	959.0	559.8	411.6	366.3	358.1	358.1	366.3	370.4	370.4
35°	5432.9	3733.1	1057.8	633.8	428.0	345.7	329.3	325.2	333.4	329.3	333.4
37.5°	5572.8	3840.1	1238.9	732.6	461.0	321.0	300.5	288.1	288.1	288.1	288.1
40°	5614.0	3947.1	1469.4	798.5	456.9	292.2	263.4	251.1	247.0	242.8	242.8
42.5°	5556.4	3996.5	1654.6	794.4	407.5	271.6	234.6	218.1	205.8	201.7	201.7
45°	5511.1	4021.2	1720.4	691.5	370.4	247.0	209.9	189.3	177.0	172.9	168.7
47.5°	5515.2	4045.9	1621.6	563.9	337.5	226.4	189.3	168.7	156.4	152.3	148.2
50°	5531.7	4004.7	1374.7	469.2	308.7	205.8	168.7	152.3	139.9	135.8	131.7
52.5°	5358.8	3786.6	967.2	411.6	284.0	193.4	152.3	139.9	127.6	123.5	123.5
55°	4906.1	3263.9	654.4	366.3	263.4	177.0	139.9	131.7	119.4	111.1	111.1
57.5°	4181.7	2461.3	452.7	333.4	230.5	160.5	131.7	119.4	107.0	98.8	98.8
60°	3198.0	1605.2	329.3	304.6	189.3	148.2	123.5	115.2	98.8	90.5	86.4
62.5°	*1946.8*	*901.4*	*267.5*	*267.5*	*160.5*	*139.9*	*111.1*	*102.9*	*86.4*	*74.1*	*70.0*
65°	1127.7	530.9	218.1	226.4	139.9	127.6	98.8	86.4	70.0	57.6	53.5
67.5°	543.3	308.7	172.9	160.5	123.5	107.0	86.4	74.1	61.7	49.4	45.3
70°	333.4	238.7	131.7	115.2	98.8	82.3	70.0	65.9	53.5	41.2	41.2
72.5°	271.6	193.4	102.9	82.3	74.1	57.6	57.6	53.5	41.2	32.9	28.8
75°	214.0	144.1	78.2	57.6	45.3	45.3	41.2	37.0	32.9	24.7	24.7
77.5°	115.2	98.8	57.6	32.9	24.7	28.8	28.8	24.7	20.6	16.5	16.5
80°	74.1	57.6	32.9	16.5	16.5	16.5	16.5	12.3	12.3	8.2	8.2
82.5°	37.0	28.8	16.5	4.1	8.2	8.2	8.2	8.2	8.2	4.1	4.1
85°	8.2	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
87.5°	0.0	0.0	0.0	0.0	0.0	4.1	4.1	4.1	4.1	4.1	4.1
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

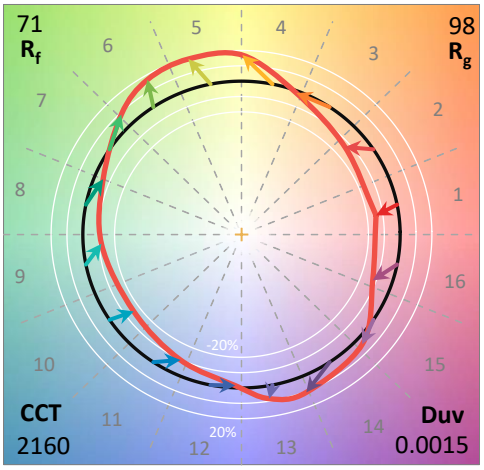
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-2
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-722-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160
CIE u':	0.2927
CIE v':	0.5388
Duv:	0.0015
CIE x:	0.5130
CIE y:	0.4197
CIE z:	0.0674
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	587
Purity:	79.96089
Rf:	70.6
Rg:	97.6

CRI (Ra):	71.9
R1:	68.7
R2:	82.6
R3:	95.5
R4:	66.4
R5:	65.4
R6:	75.9
R7:	77.2
R8:	43.5
R9:	-17.8
R10:	60.5
R11:	60.2
R12:	48.2
R13:	70.7
R14:	96.8
R15:	61.8



Test Conditions

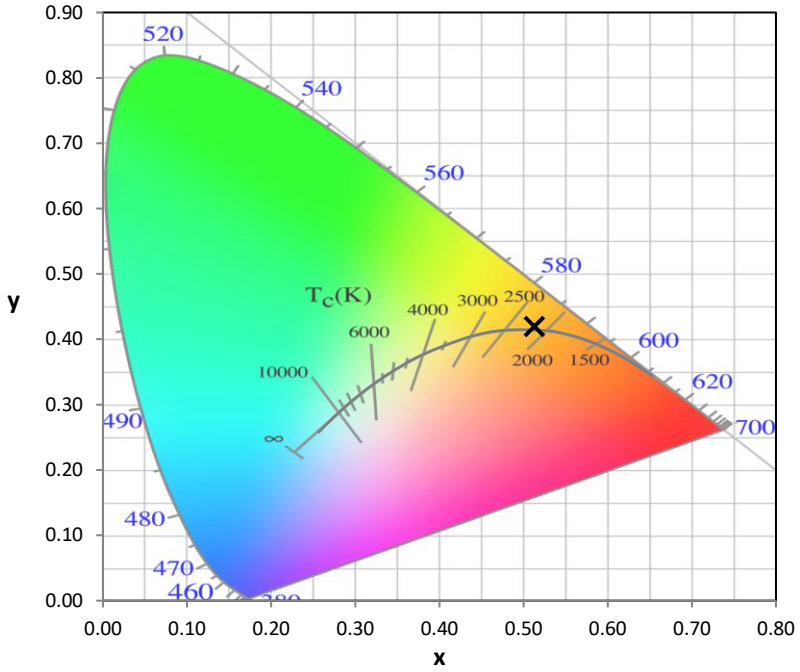
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

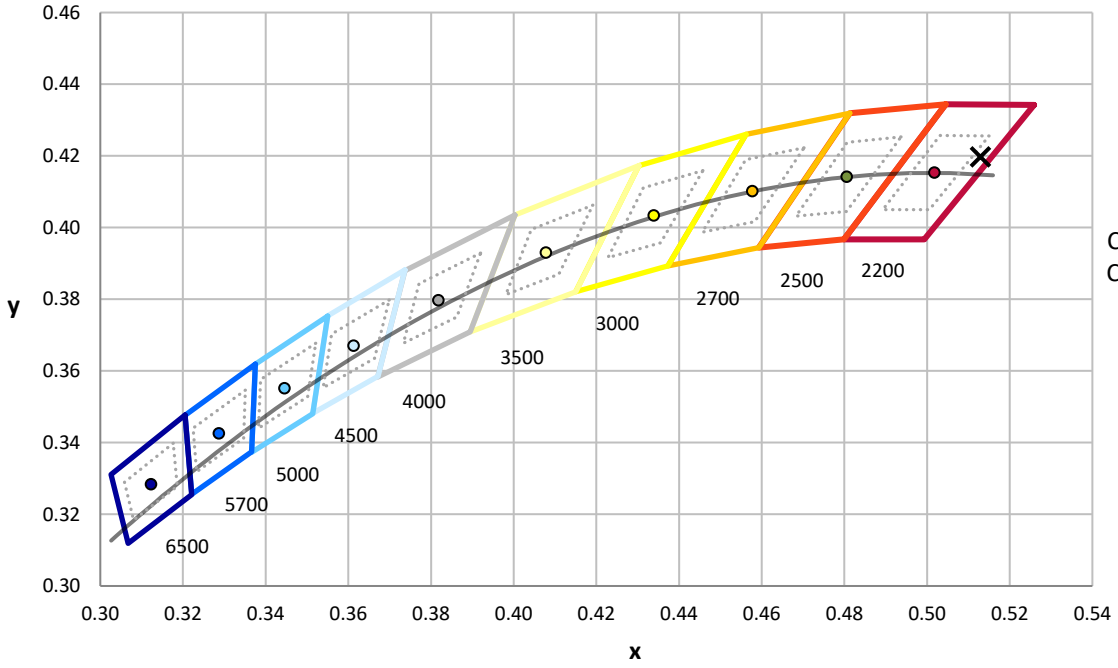
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-2

CIE 1931 Chromaticity Diagram



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

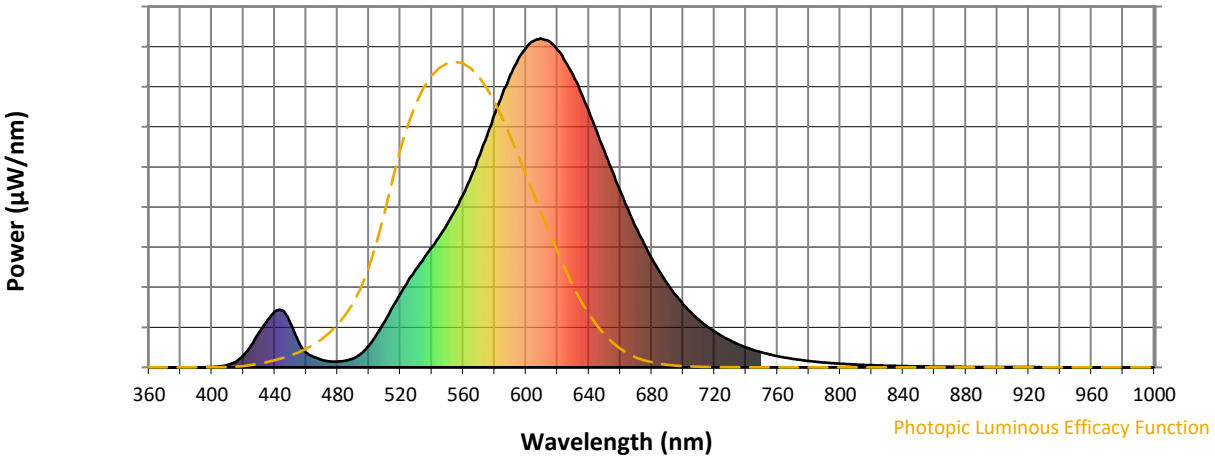


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-2

Photopic Flux vs. Wavelength

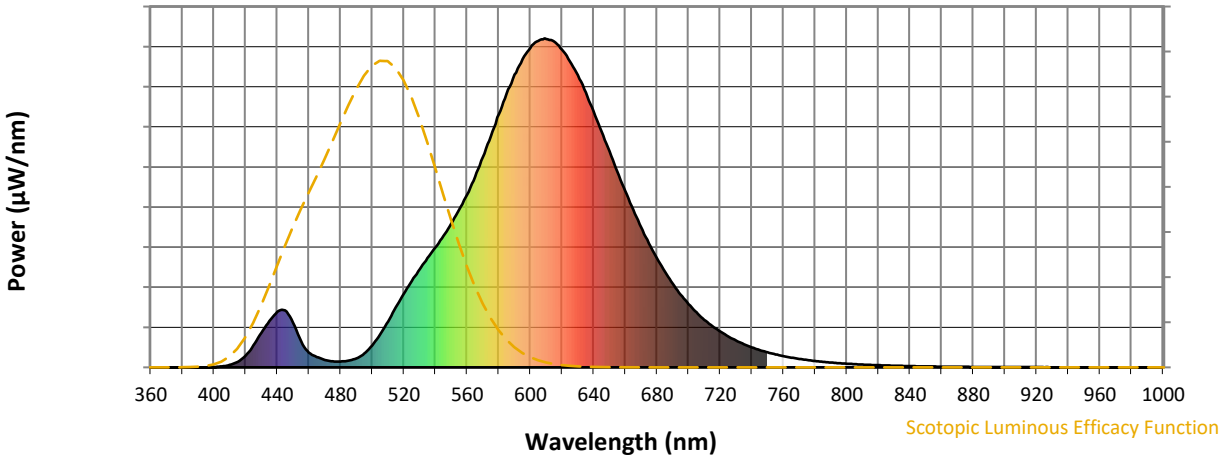


Photopic Lumens: NR

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength

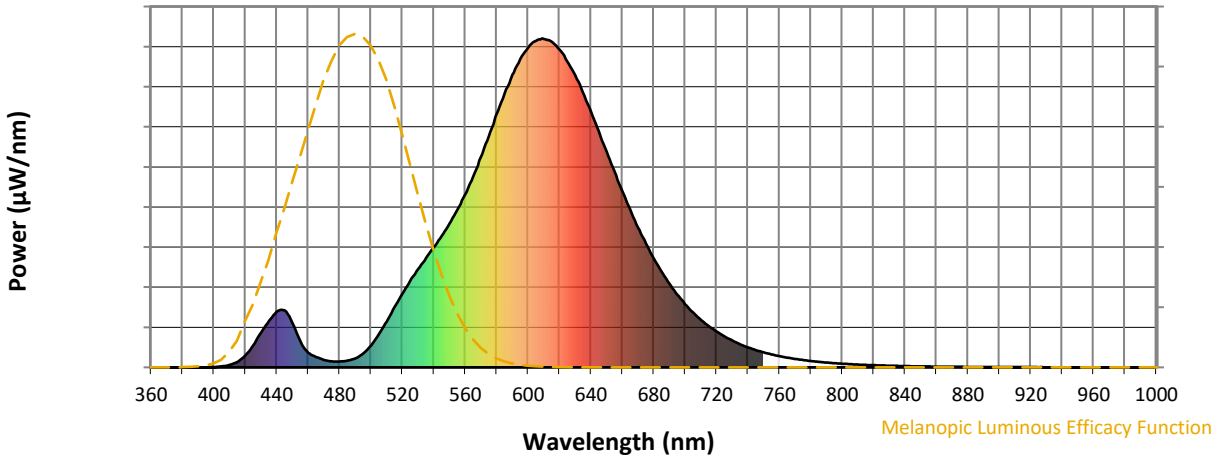


Scotopic Lumens: NR **S/P: 0.8**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.21**

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

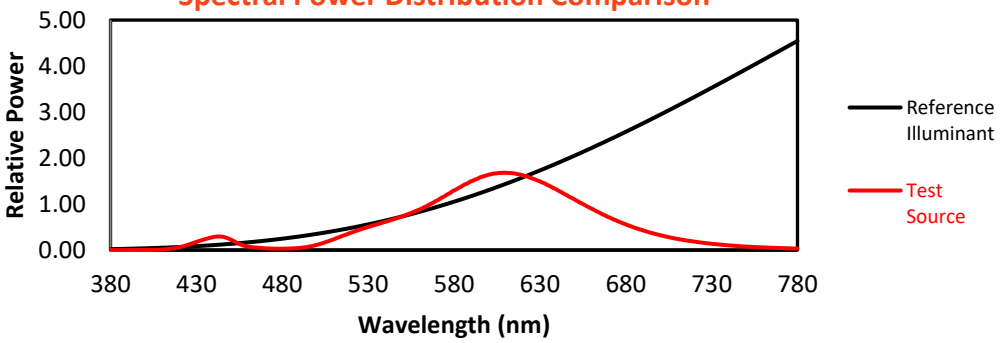
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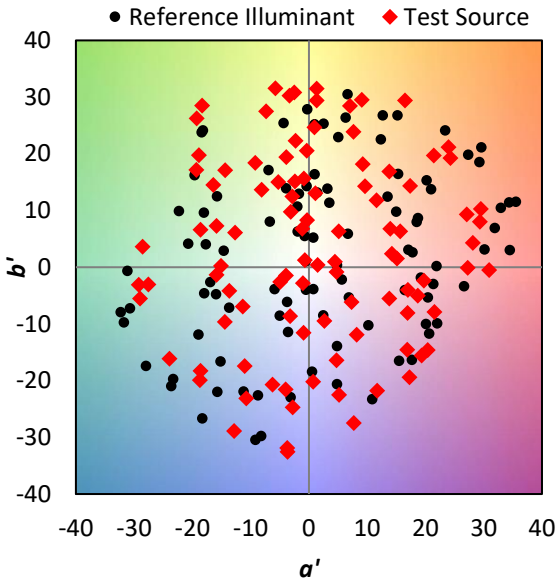
Summary

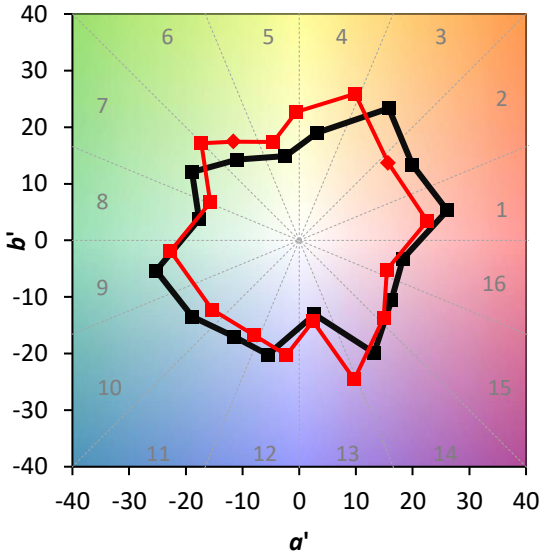
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R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

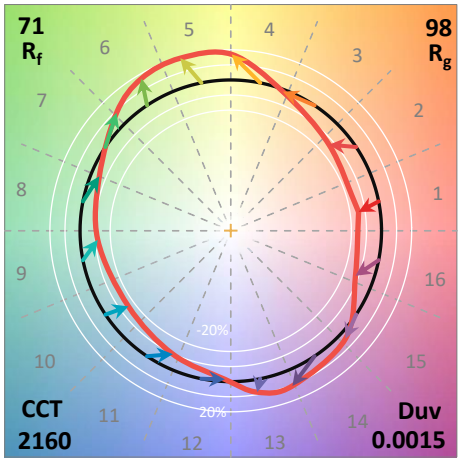
Spectral Power Distribution Comparison

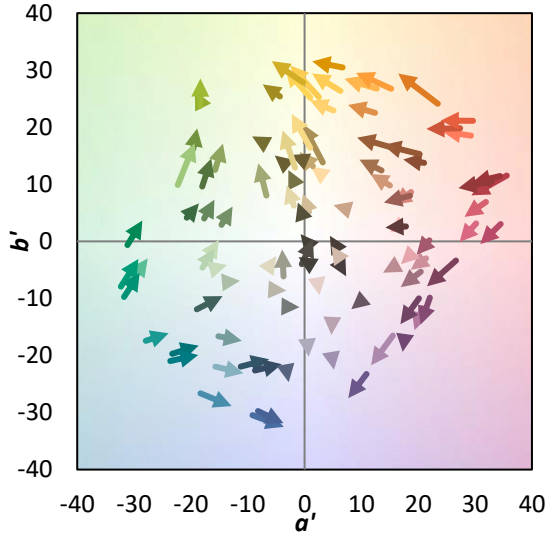


Color Vector Graphics







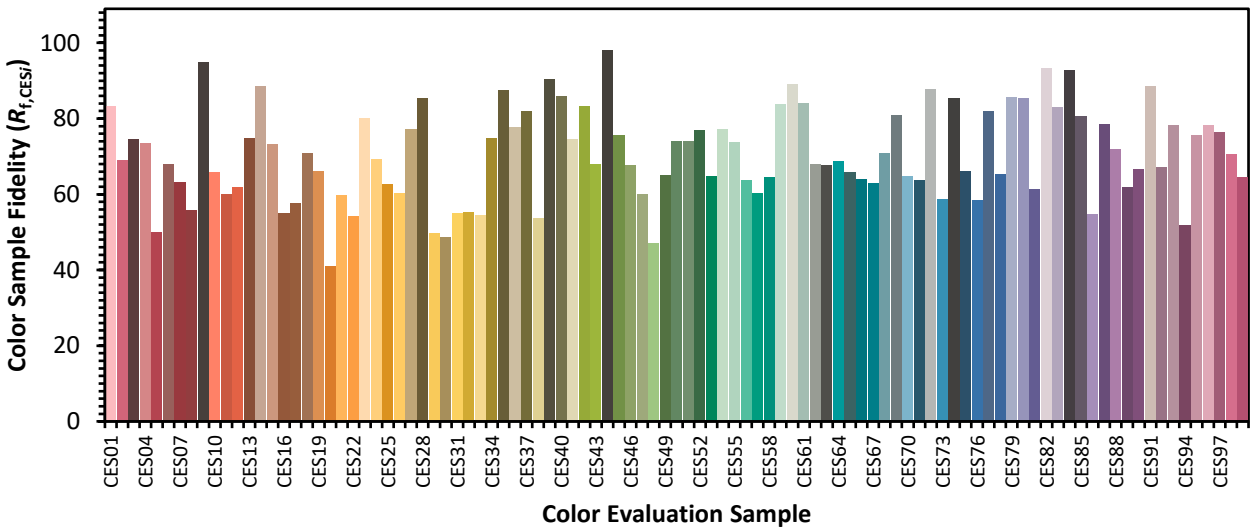


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Individual Sample Fidelity Index ($R_{f,i}$)

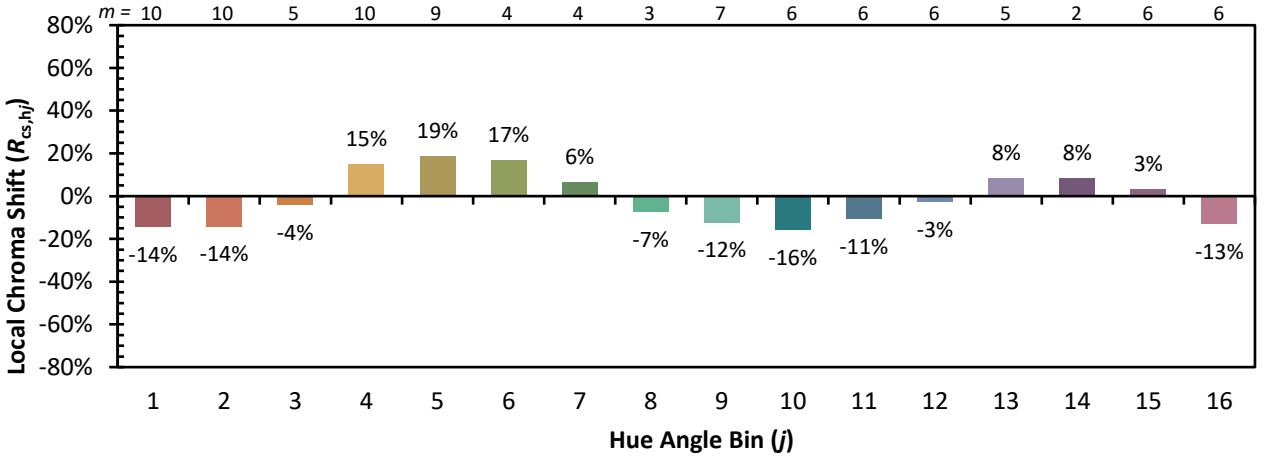
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	

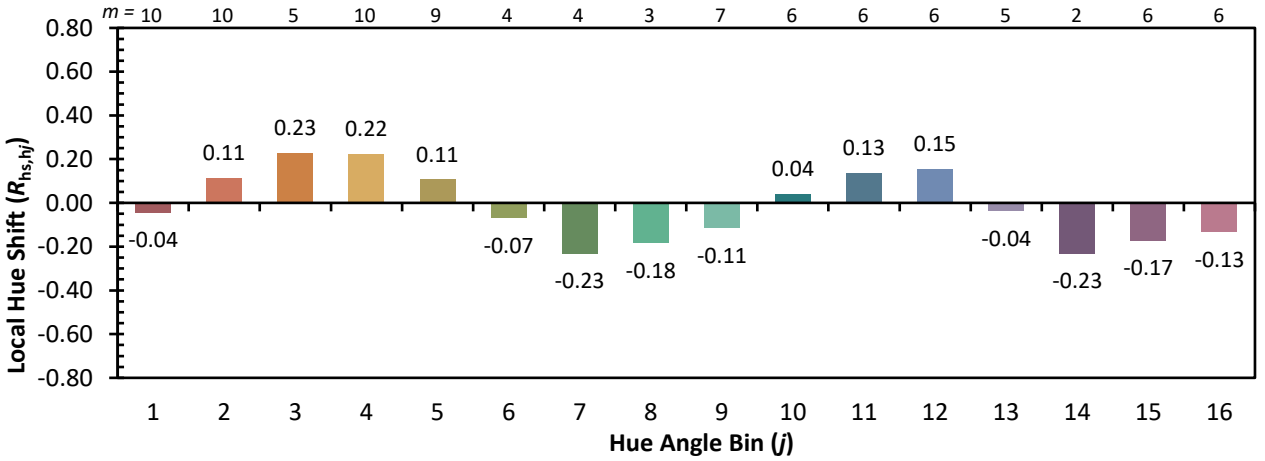


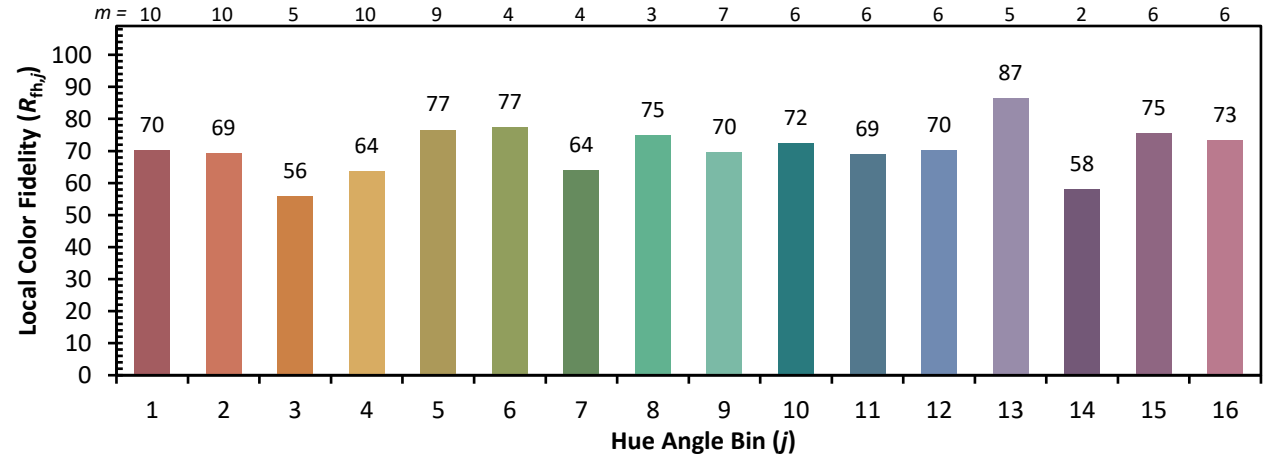
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Color Rendition by Hue-Angle Bin



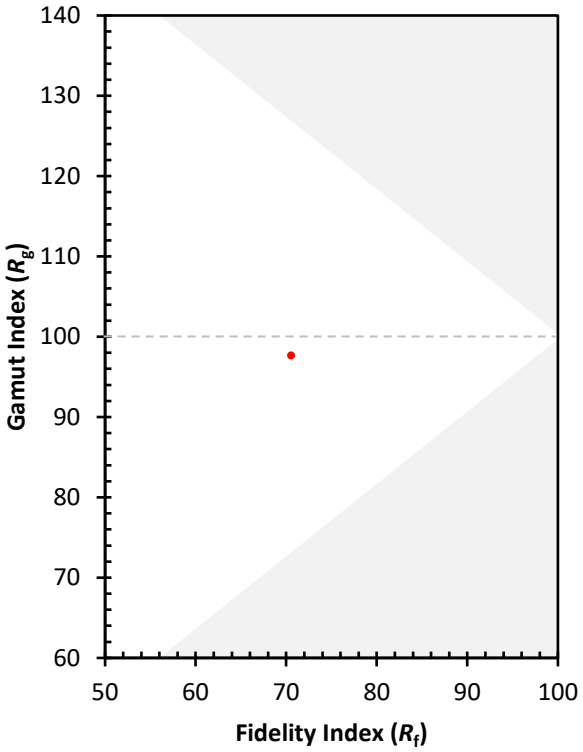


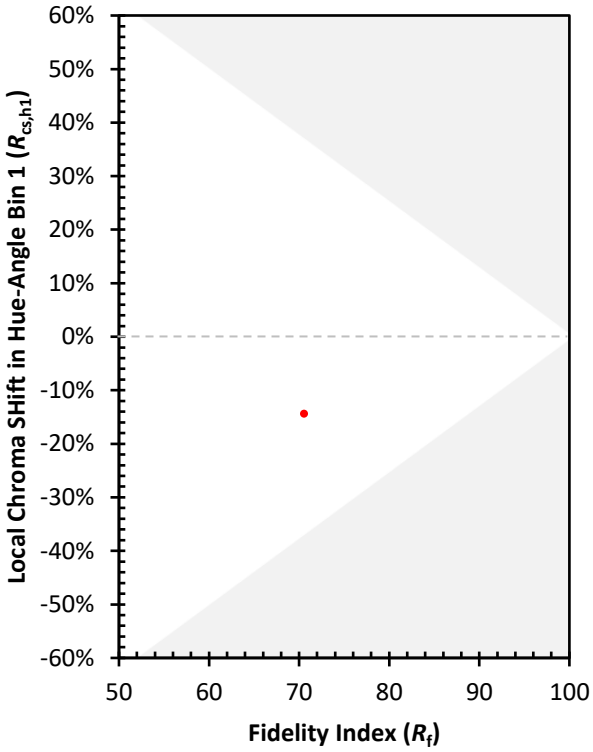


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Measure Comparisons





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