Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1358398

Luminaire Tested: **GSS-SB4D-722-U-SL4**

Issue Date: 02/18/2026

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1358398
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-722-U-SL4
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 2200K FIXTURE w/ TYPE IV SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(104) 2200K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25371 lumens
Efficiency:	N/A
Efficacy:	106.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

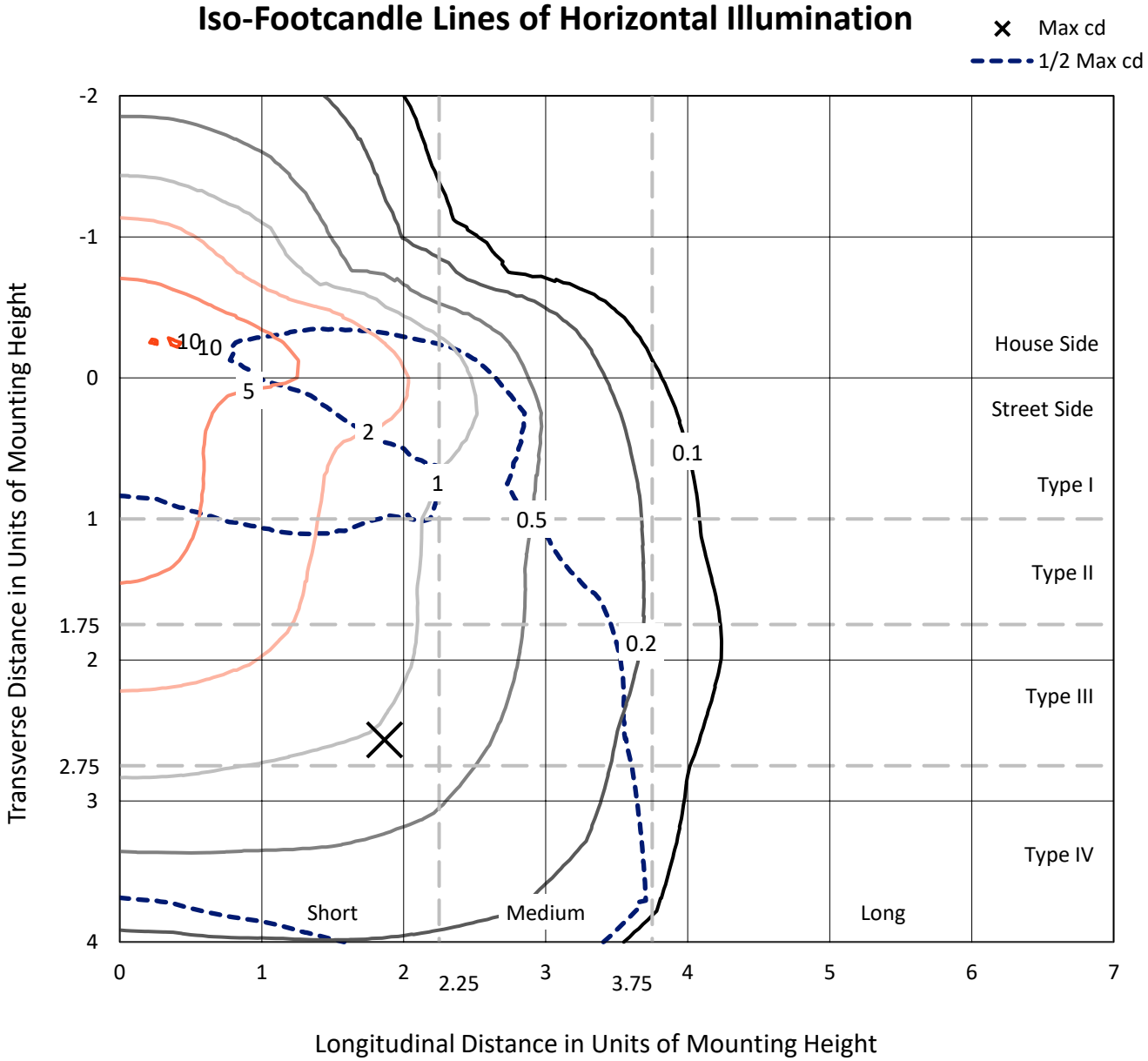
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1358398
CATALOG NUMBER: GSS-SB4D-722-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



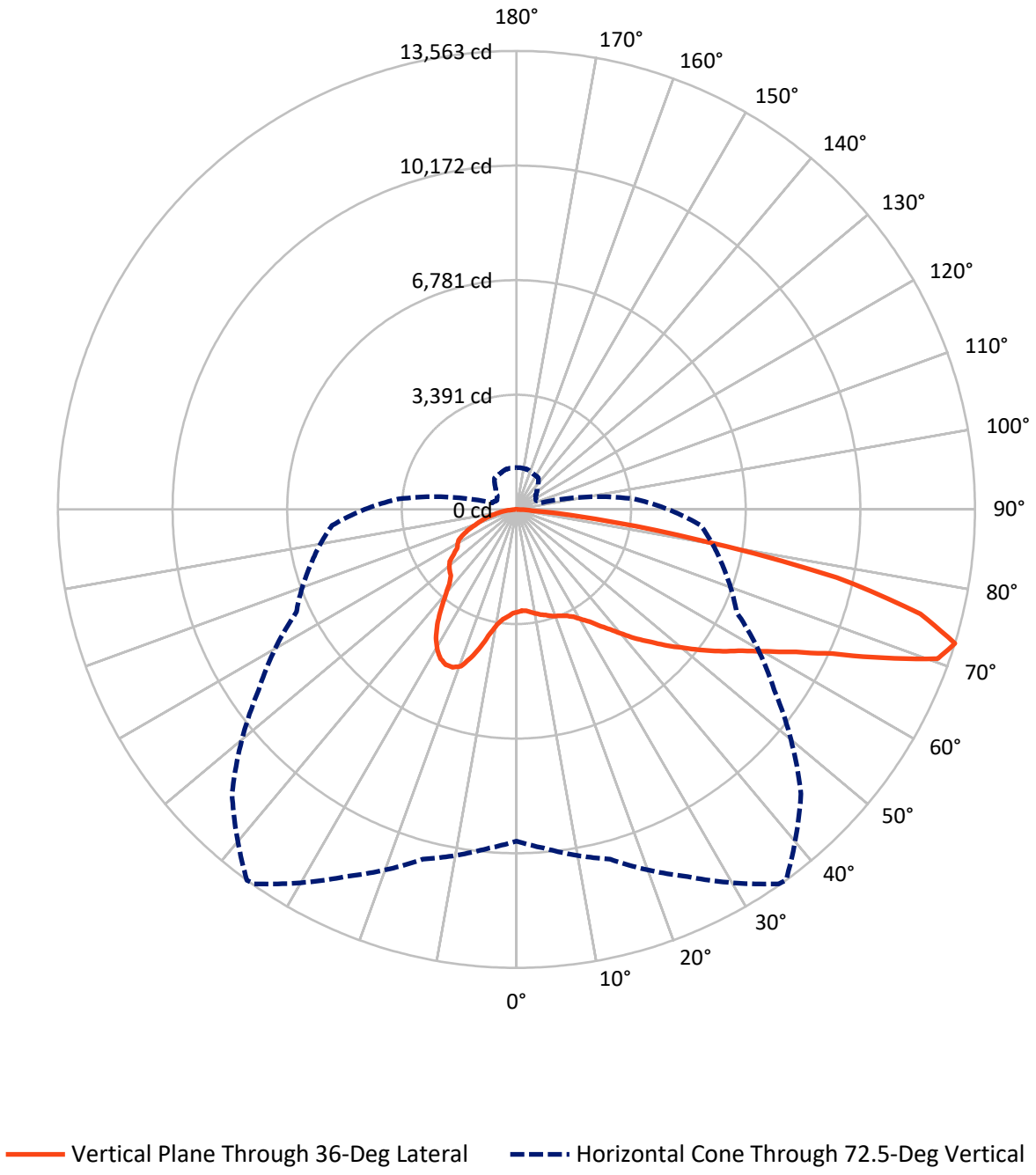
Based on 20 foot mounting height. Maximum calculated value = 10.2 fc
Type IV - Short - N/A

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REPORT NUMBER: P1358398
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Luminous Intensity Polar Plot



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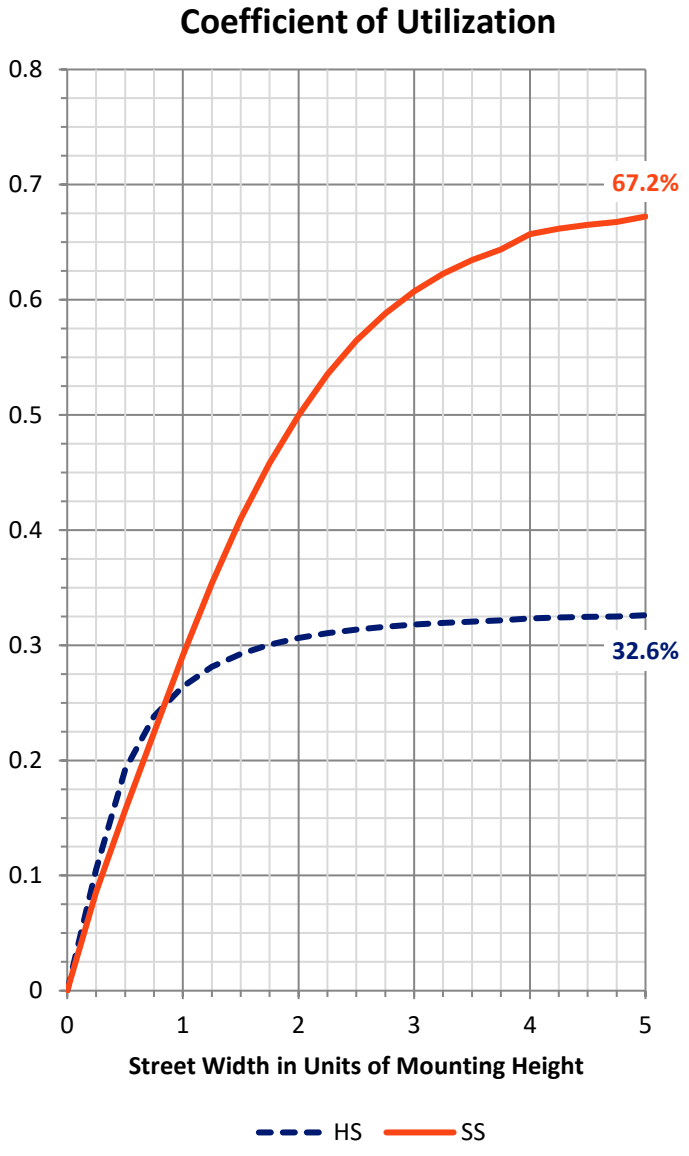
REPORT NUMBER: P1358398
CATALOG NUMBER: GSS-SB4D-722-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8349.4	0.0	8349.4
	% Fixture	32.9	0.0	32.9
Street Side	Lumens	17021.7	0.0	17021.7
	% Fixture	67.1	0.0	67.1
Total	Lumens	25371.0	0.0	25371.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.8	1.2
10°-20°	1036.9	4.1
20°-30°	1968.8	7.8
30°-40°	2874.8	11.3
40°-50°	3823.6	15.1
50°-60°	4902.5	19.3
60°-70°	5766.8	22.7
70°-80°	4319.8	17.0
80°-90°	377.1	1.5
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°	25371.0	100.0
0°-180°	25371.0	100.0



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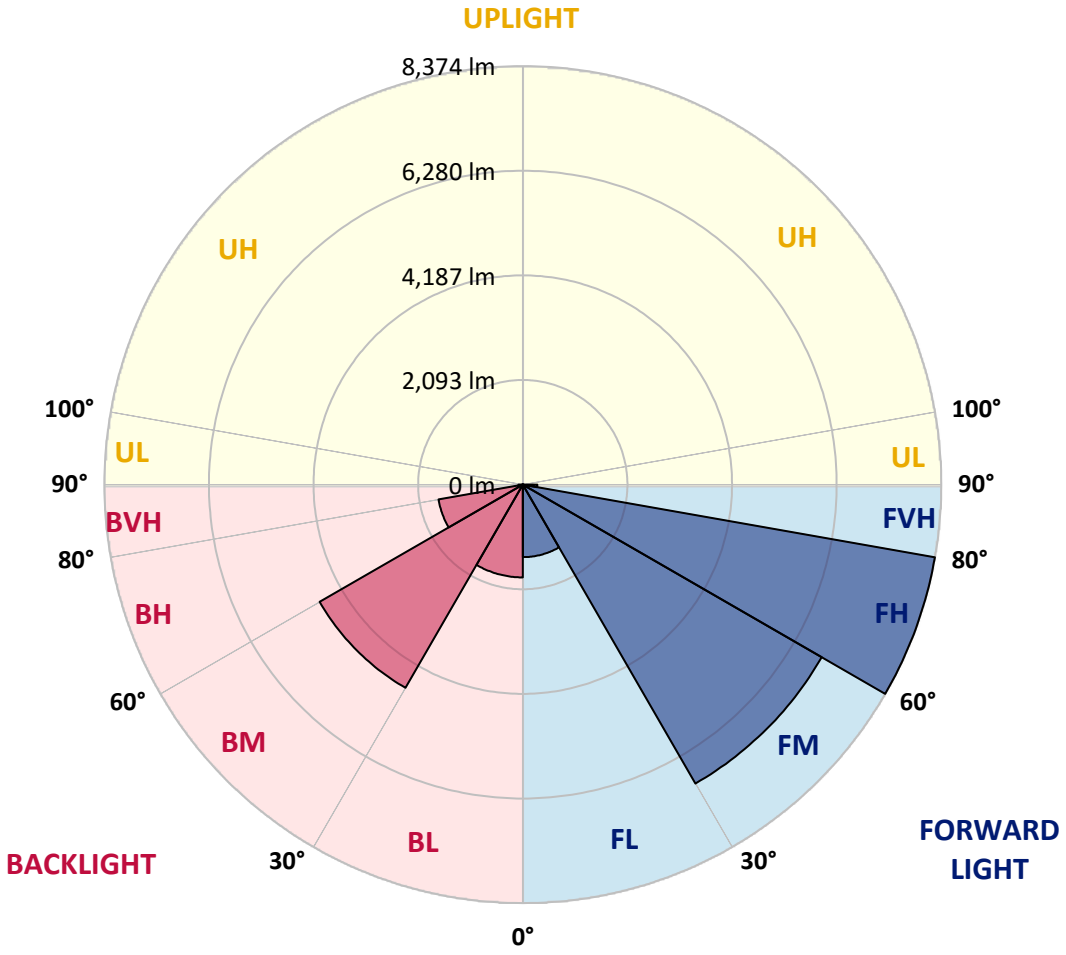
Scaled Data Report

REPORT NUMBER: P1358398
CATALOG NUMBER: GSS-SB4D-722-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1450.4	5.7			
FM	(30°-60°)	6906.9	27.2			
FH	(60°-80°)	8373.9	33.0			G4/12000
FVH	(80°-90°)	290.5	1.1			G3/500
BL	(0°-30°)	1856.0	7.3	B3/2500		
BM	(30°-60°)	4694.0	18.5	B3/5000		
BH	(60°-80°)	1712.7	6.8	B3/2500		G3/2500
BVH	(80°-90°)	86.6	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2
2.5°	3015.2	2997.9	3009.4	2997.9	2997.9	2997.9	3009.4	3009.4	3026.7	3026.7	3026.7
5°	3038.2	3032.4	3038.2	3032.4	3015.2	3015.2	3026.7	3015.2	3043.9	3032.4	3049.7
7.5°	3101.5	3090.0	3090.0	3072.7	3078.5	3067.0	3078.5	3061.2	3078.5	3067.0	3067.0
10°	3176.3	3159.0	3164.8	3141.8	3124.5	3130.2	3141.8	3124.5	3130.2	3136.0	3136.0
12.5°	3239.6	3228.1	3228.1	3182.0	3193.5	3193.5	3205.1	3187.8	3199.3	3193.5	3216.6
15°	3320.1	3302.9	3291.4	3256.8	3251.1	3245.3	3262.6	3245.3	3274.1	3268.3	3297.1
17.5°	3394.9	3377.7	3366.2	3308.6	3297.1	3314.4	3320.1	3308.6	3337.4	3348.9	3406.4
20°	3464.0	3469.7	3429.5	3360.4	3360.4	3366.2	3366.2	3366.2	3412.2	3429.5	3492.8
22.5°	3584.8	3573.3	3533.0	3452.5	3418.0	3418.0	3469.7	3435.2	3464.0	3504.3	3613.6
25°	3740.2	3717.2	3648.1	3544.5	3487.0	3492.8	3510.0	3487.0	3521.5	3567.6	3734.4
27.5°	4016.4	3987.6	3866.8	3659.6	3590.6	3596.3	3602.1	3538.8	3533.0	3607.8	3838.0
30°	4419.2	4384.7	4200.5	3941.6	3757.5	3769.0	3705.7	3590.6	3550.3	3630.9	3958.8
32.5°	4856.5	4810.5	4626.3	4258.1	4010.6	3953.1	3832.3	3630.9	3567.6	3653.9	4068.2
35°	5380.1	5339.8	5115.4	4597.6	4258.1	4223.5	3981.9	3717.2	3613.6	3671.1	4171.7
37.5°	6122.4	6018.8	5748.4	5034.9	4557.3	4505.5	4177.5	3838.0	3619.4	3659.6	4315.6
40°	6761.1	6657.5	6364.1	5587.3	4937.0	4856.5	4465.2	3981.9	3676.9	3682.6	4499.7
42.5°	7428.6	7330.8	7014.3	6053.4	5276.5	5236.3	4718.4	4154.5	3751.7	3745.9	4706.9
45°	8130.6	8136.3	7647.2	6611.5	5679.3	5598.8	5029.1	4384.7	3889.8	3820.7	5046.4
47.5°	9120.3	9011.0	8412.5	7146.6	6128.2	6024.6	5357.1	4626.3	4096.9	3993.4	5426.1
50°	9920.1	9839.6	9114.6	7762.3	6548.2	6438.9	5742.6	4891.0	4281.1	4235.0	5932.5
52.5°	10587.6	10449.5	9782.0	8343.5	7020.0	6922.2	6059.1	5150.0	4540.0	4517.0	6525.2
55°	10955.9	10812.0	10242.4	8884.4	7555.2	7405.6	6415.9	5460.7	4850.7	4862.2	7186.9
57.5°	11243.6	11094.0	10535.8	9292.9	8084.6	7883.2	6807.1	5800.2	5219.0	5328.3	8090.3
60°	11347.2	11197.5	10783.2	9833.8	8654.2	8527.6	7250.2	6220.2	5644.8	5875.0	8970.7
62.5°	11496.8	11531.3	11237.8	10495.5	9396.5	9287.2	7819.9	6738.1	6168.4	6352.6	9281.4
65°	11617.6	11600.3	11634.9	11410.5	10432.2	10276.9	8665.7	7411.3	6519.4	6513.7	9126.1
67.5°	11335.6	11352.9	11537.0	12089.4	11870.8	11721.2	9759.0	8032.8	6686.3	6818.7	8631.2
70°	11122.7	11174.5	11422.0	12112.5	13205.7	13223.0	11283.9	8562.2	7163.9	6818.7	7250.2
72.5°	9810.8	10075.5	10714.2	11985.9	13522.2	13562.5	11899.6	9304.4	7181.2	6300.8	5477.9
75°	6496.4	6703.6	8406.8	10754.5	12400.2	12336.9	11019.2	8947.7	6720.8	5138.4	3487.0
77.5°	1916.1	2307.4	3935.8	6669.0	9281.4	9684.2	9039.7	6122.4	4983.1	2411.0	1242.9
80°	546.6	609.9	1099.0	2341.9	5011.9	5443.4	5616.0	2928.9	1478.8	638.7	414.3
82.5°	264.7	276.2	397.0	656.0	2146.3	2347.7	1967.9	886.1	397.0	230.2	161.1
85°	46.0	57.5	97.8	195.6	385.5	466.1	437.3	178.4	120.8	103.6	74.8
87.5°	11.5	11.5	17.3	17.3	23.0	23.0	23.0	28.8	28.8	28.8	28.8
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

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CATALOG NUMBER: GSS-SB4D-722-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2	3038.2
2.5°	3055.4	3055.4	3078.5	3090.0	3090.0	3072.7	3072.7	3124.5	3101.5	3113.0	3107.2
5°	3061.2	3084.2	3084.2	3118.7	3136.0	3164.8	3176.3	3199.3	3222.3	3222.3	3216.6
7.5°	3095.7	3113.0	3141.8	3164.8	3210.8	3256.8	3274.1	3343.2	3354.7	3383.4	3371.9
10°	3147.5	3176.3	3222.3	3285.6	3343.2	3418.0	3452.5	3527.3	3567.6	3613.6	3584.8
12.5°	3228.1	3262.6	3337.4	3423.7	3550.3	3665.4	3757.5	3832.3	3889.8	3941.6	3924.3
15°	3314.4	3383.4	3481.3	3636.6	3861.0	4068.2	4189.0	4315.6	4344.4	4390.4	4384.7
17.5°	3464.0	3510.0	3705.7	4016.4	4309.8	4488.2	4591.8	4655.1	4637.8	4655.1	4643.6
20°	3584.8	3699.9	4050.9	4505.5	4793.2	4908.3	4919.8	4862.2	4741.4	4718.4	4672.4
22.5°	3763.2	3935.8	4499.7	4971.6	5201.7	5190.2	5023.4	4850.7	4695.4	4632.1	4609.1
25°	3935.8	4246.6	4971.6	5414.6	5477.9	5276.5	5023.4	4798.9	4591.8	4528.5	4476.7
27.5°	4154.5	4603.3	5506.7	5788.7	5598.8	5288.1	4914.0	4660.8	4465.2	4361.6	4338.6
30°	4378.9	5017.6	5955.5	5967.0	5633.3	5167.2	4712.6	4488.2	4263.8	4160.2	4166.0
32.5°	4683.9	5472.2	6335.3	6099.4	5535.5	4925.5	4442.2	4200.5	4004.9	3953.1	3941.6
35°	4983.1	5984.3	6640.3	6110.9	5305.3	4586.0	4085.4	3815.0	3694.2	3642.4	3665.4
37.5°	5408.9	6507.9	6818.7	6001.6	4971.6	4131.5	3665.4	3452.5	3360.4	3343.2	3366.2
40°	5875.0	6991.3	6933.7	5875.0	4517.0	3648.1	3262.6	3130.2	3072.7	3084.2	3124.5
42.5°	6375.6	7388.3	7020.0	5587.3	3981.9	3205.1	2940.4	2882.8	2969.1	3020.9	3055.4
45°	6910.7	7750.8	7048.8	5178.7	3481.3	2865.6	2756.2	2865.6	2997.9	3020.9	3038.2
47.5°	7440.1	8067.3	7048.8	4637.8	3003.7	2641.1	2698.7	2842.5	2946.1	2905.8	2911.6
50°	7946.5	8320.5	7031.6	4010.6	2669.9	2526.1	2623.9	2716.0	2669.9	2554.8	2566.3
52.5°	8406.8	8544.9	6910.7	3366.2	2393.7	2497.3	2503.0	2388.0	2284.4	2226.9	2238.4
55°	8918.9	8752.0	6554.0	2790.8	2215.3	2422.5	2261.4	2111.8	2163.6	2146.3	2140.5
57.5°	9454.0	8993.7	6064.9	2295.9	2048.5	2244.1	2065.7	2054.2	2048.5	2025.5	1996.7
60°	9914.4	9189.4	5334.1	1806.8	1801.0	1973.7	2025.5	1996.7	1967.9	1921.9	1898.9
62.5°	9649.7	8700.3	4263.8	1461.6	1547.9	1760.8	1950.7	1893.1	1898.9	1858.6	1841.3
65°	8901.6	7733.6	2905.8	1219.9	1306.2	1570.9	1772.3	1720.5	1691.7	1680.2	1668.7
67.5°	7935.0	6697.8	1916.1	966.7	1093.3	1375.2	1565.1	1501.8	1542.1	1542.1	1536.4
70°	6243.2	5121.2	1208.4	788.3	868.9	1139.3	1300.4	1329.2	1386.7	1392.5	1386.7
72.5°	*4488.2*	*3504.3*	*753.8*	*633.0*	*690.5*	*868.9*	*1133.6*	*1162.3*	*1225.6*	*1237.1*	*1237.1*
75°	2646.9	1973.7	506.4	506.4	535.1	707.8	937.9	1030.0	1058.8	1070.3	1058.8
77.5°	1064.5	759.5	333.7	374.0	414.3	569.7	719.3	834.3	822.8	817.1	788.3
80°	379.8	328.0	230.2	247.4	299.2	425.8	535.1	569.7	604.2	586.9	569.7
82.5°	155.4	149.6	143.9	161.1	178.4	258.9	374.0	374.0	379.8	374.0	368.3
85°	57.5	57.5	69.0	80.6	97.8	120.8	166.9	212.9	178.4	126.6	132.3
87.5°	28.8	28.8	23.0	23.0	28.8	40.3	40.3	51.8	51.8	28.8	17.3
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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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

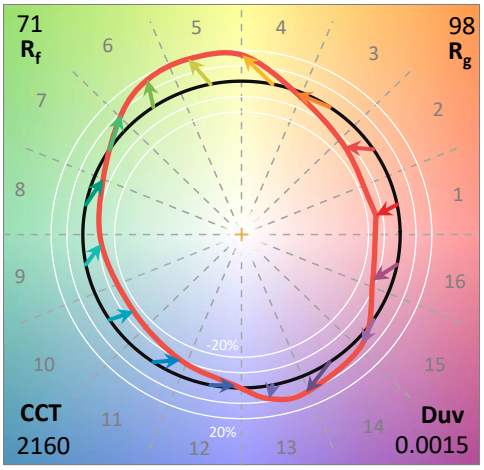
Test Information

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

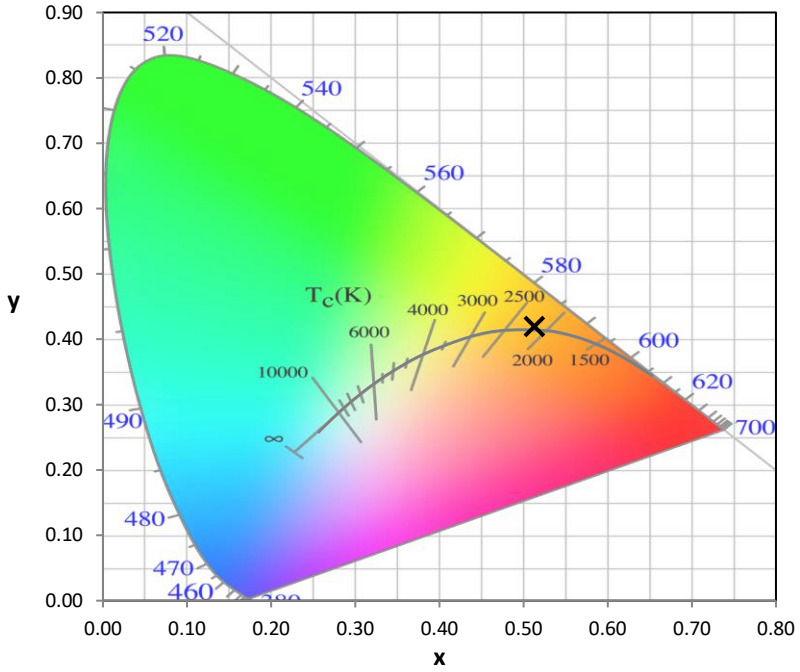
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-2

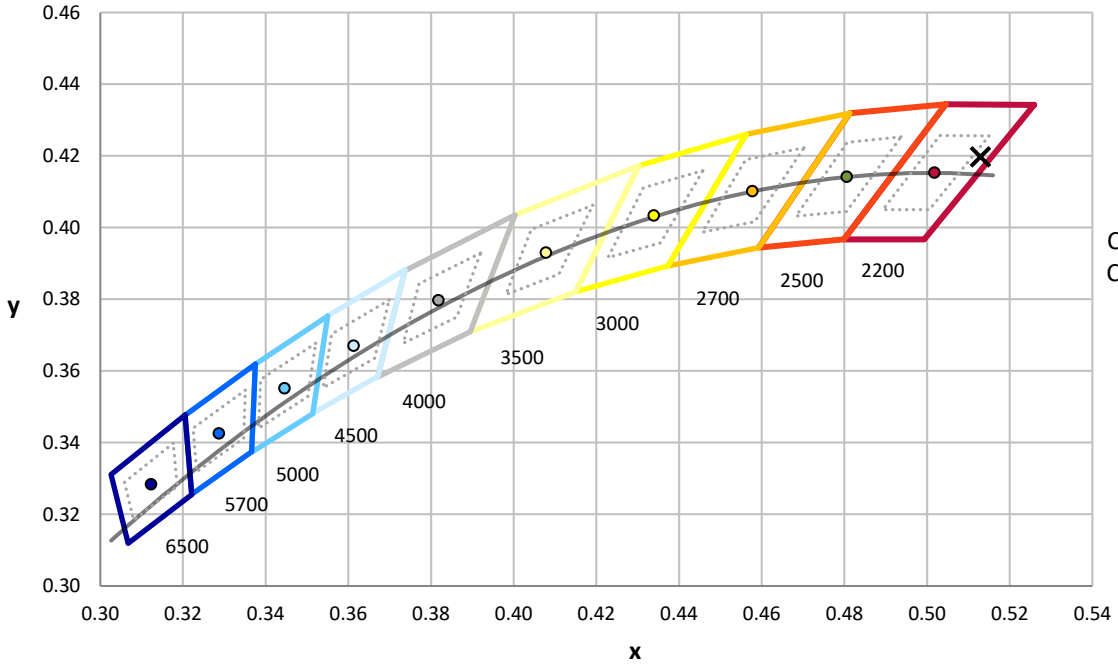
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

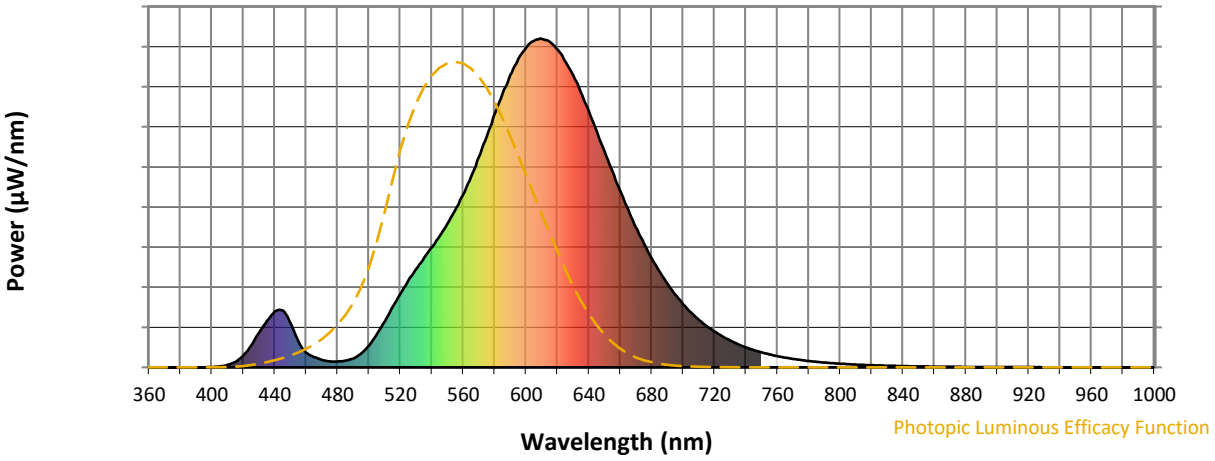


CCT = 2160K
CIE x = 0.5130
CIE y = 0.4197
Duv = 0.0015

Point lies inside the ANSI 2200K 7-step quadrangle

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Photopic Flux vs. Wavelength

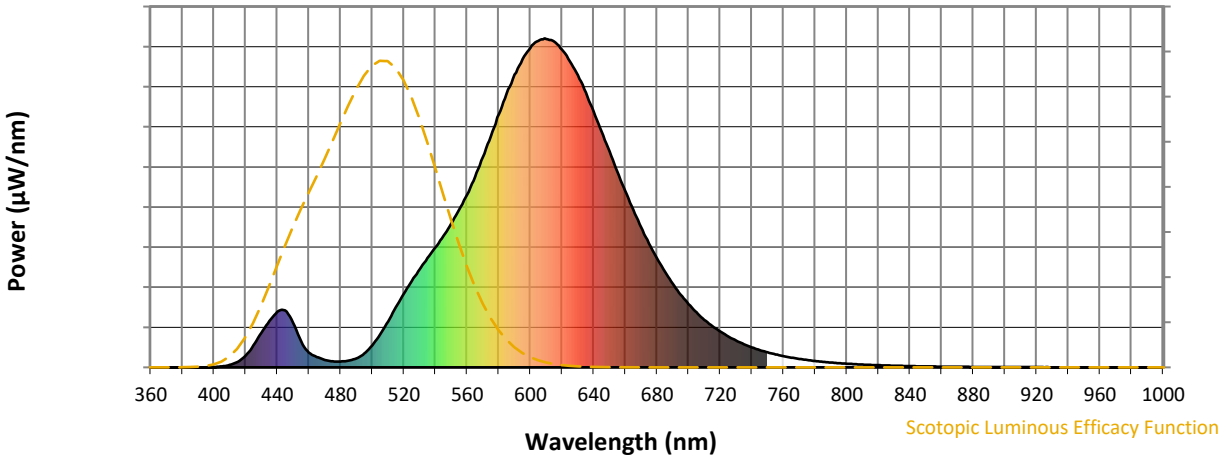


Photopic Lumens: NR

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	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

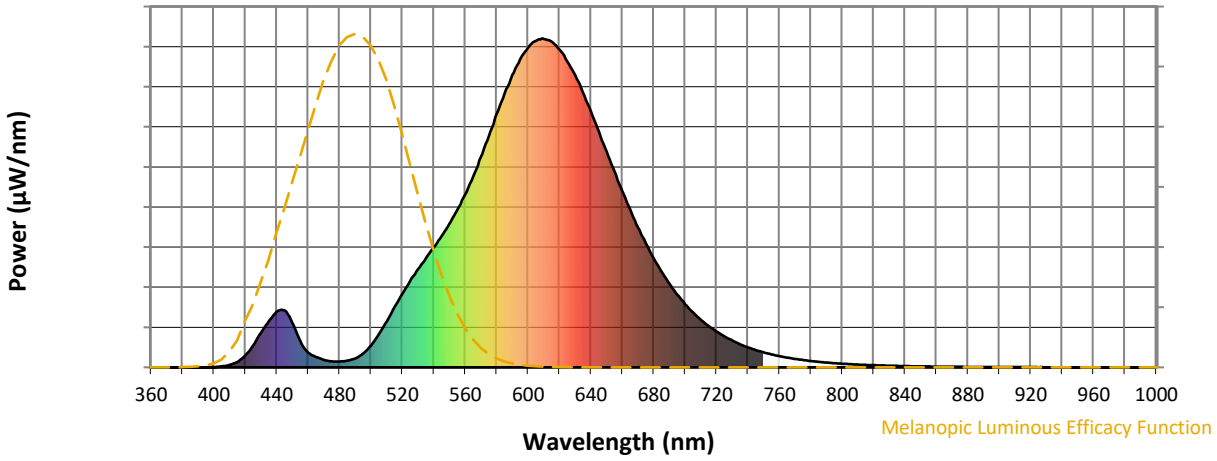


Scotopic Lumens: NR **S/P: 0.8**

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			

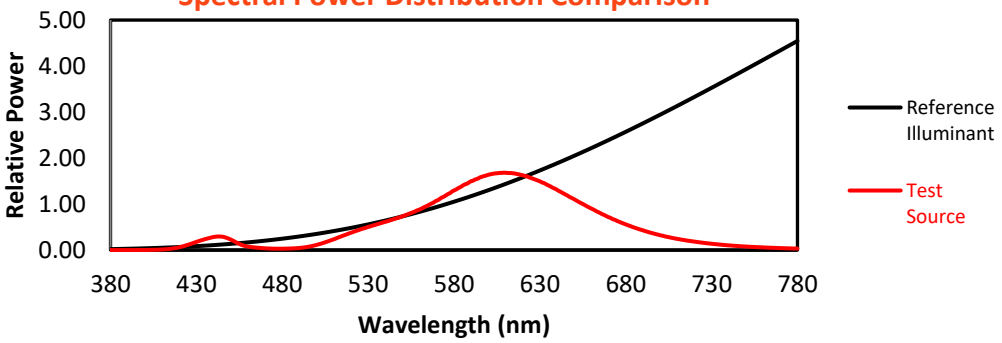
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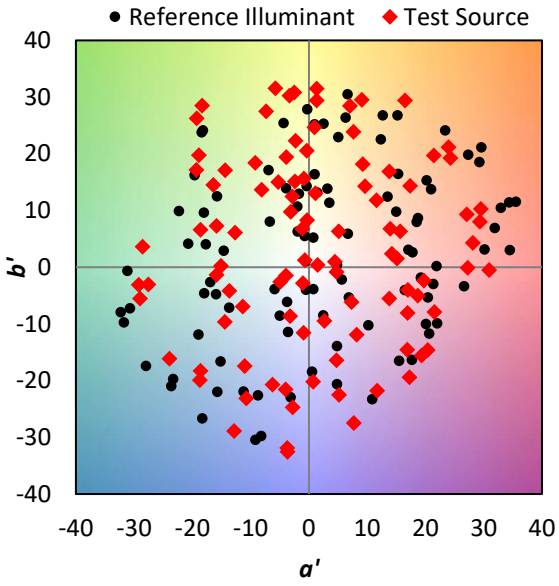
Summary

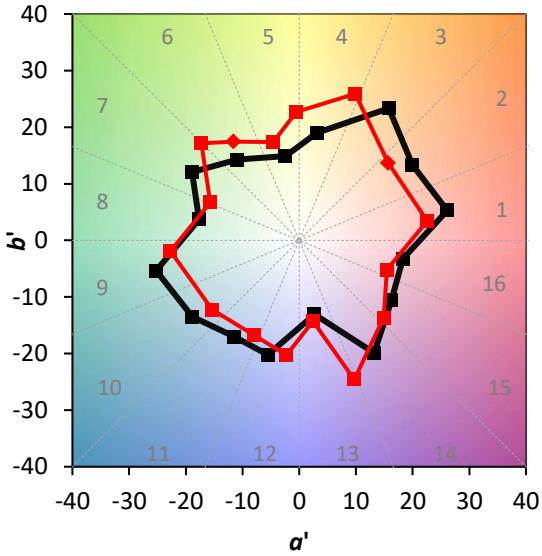
R_f = 70.6
R_g = 97.6
CIE R_a = 71.9
R_9 = -17.8

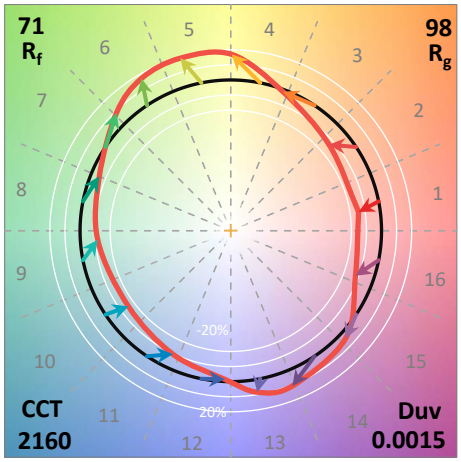
Spectral Power Distribution Comparison

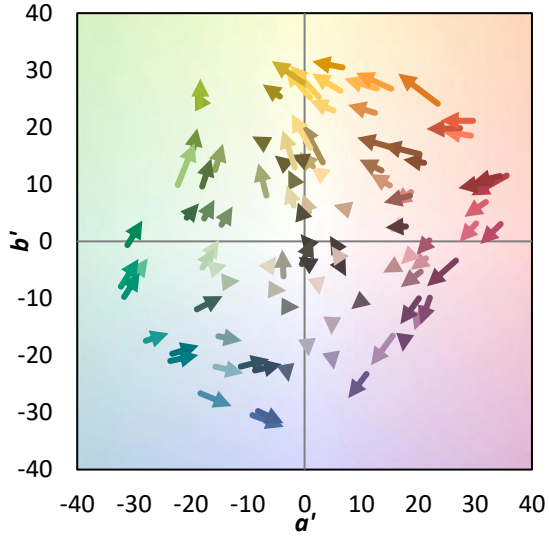


Color Vector Graphics







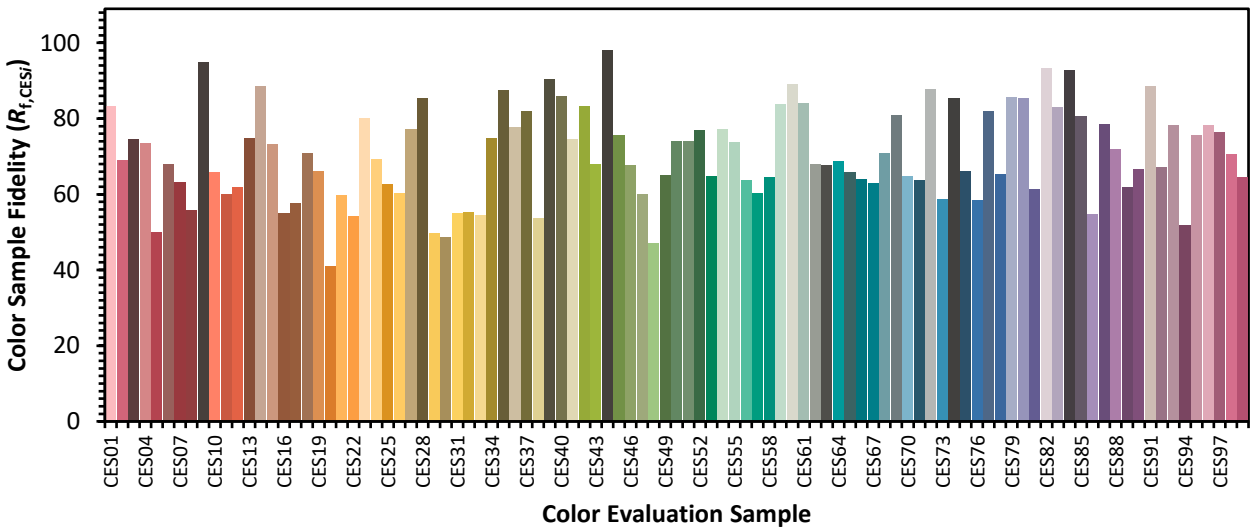


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Individual Sample Fidelity Index ($R_{f,i}$)

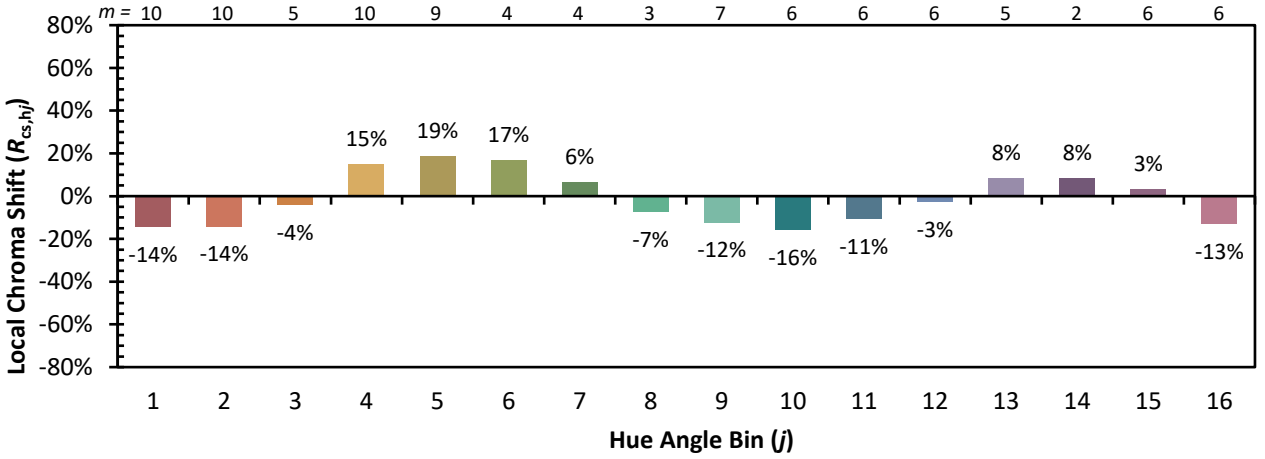
CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 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	

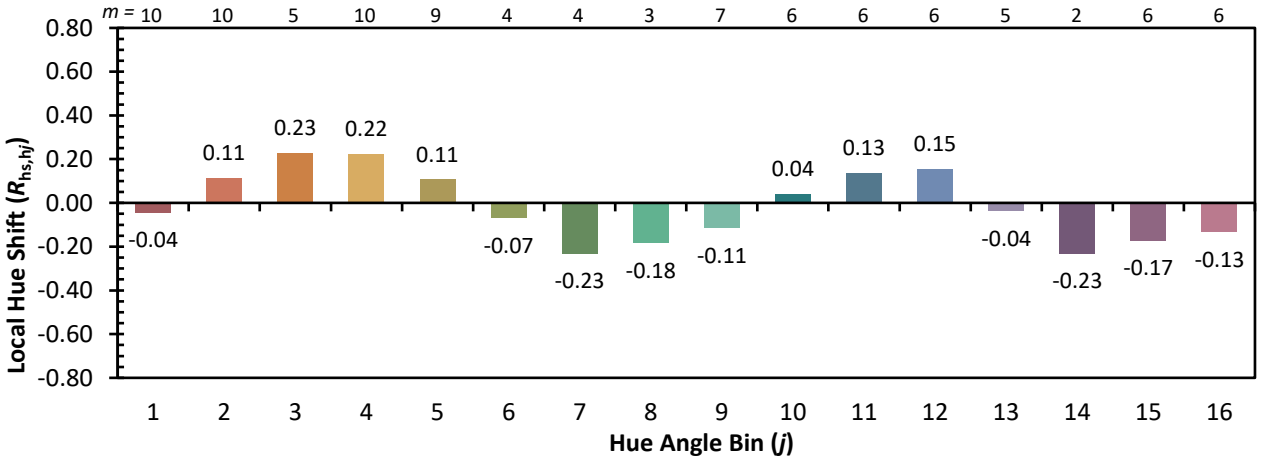


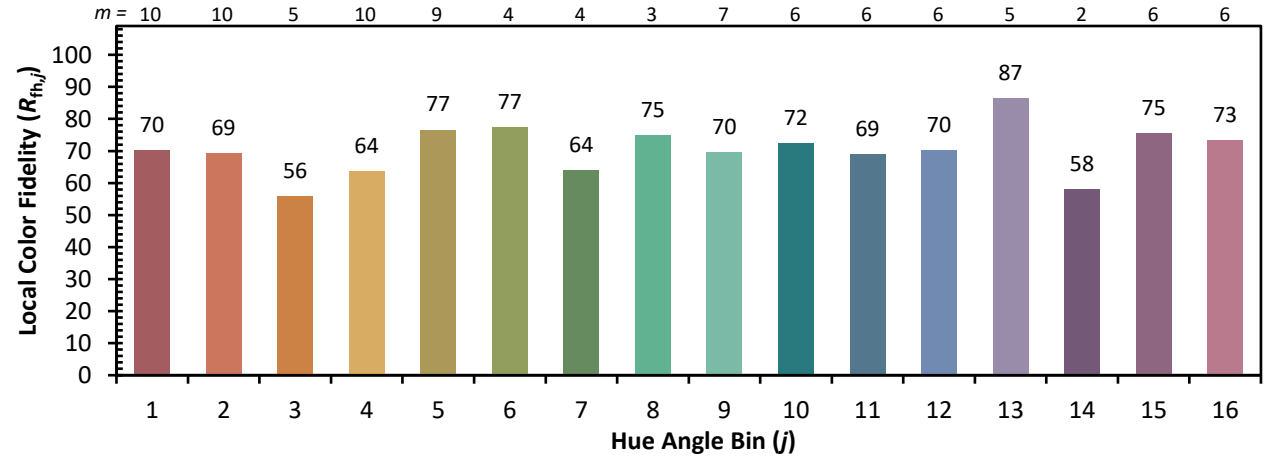
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Color Rendition by Hue-Angle Bin



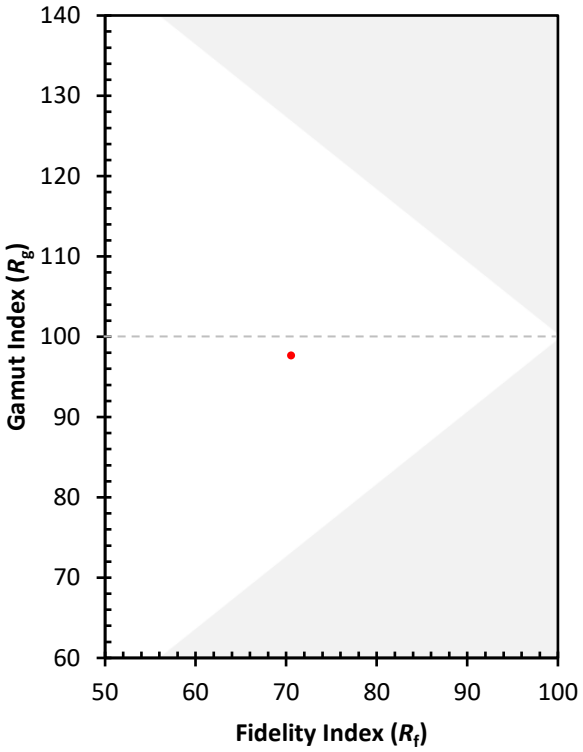


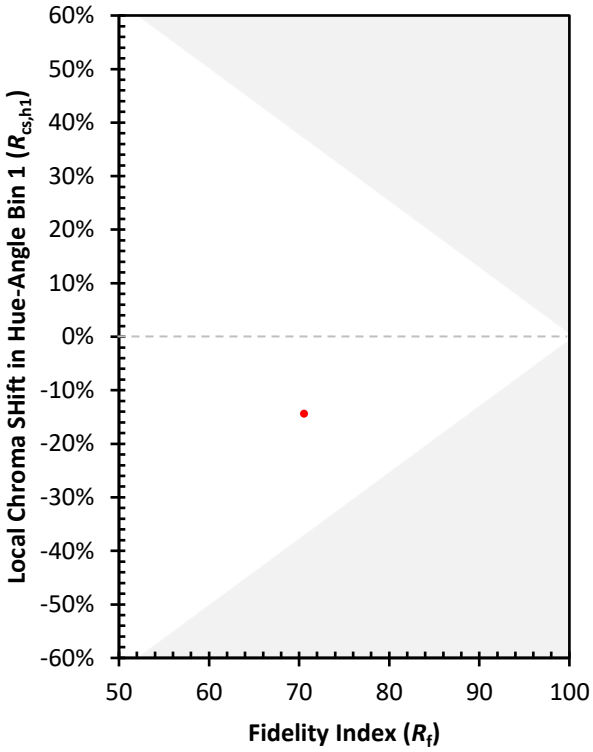


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Measure Comparisons





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