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: P1501028

Luminaire Tested: GSS-SB4D-730-U-T3LG

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:	P1501028
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-730-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	32697.6 lumens
Efficiency:	N/A
Efficacy:	137.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

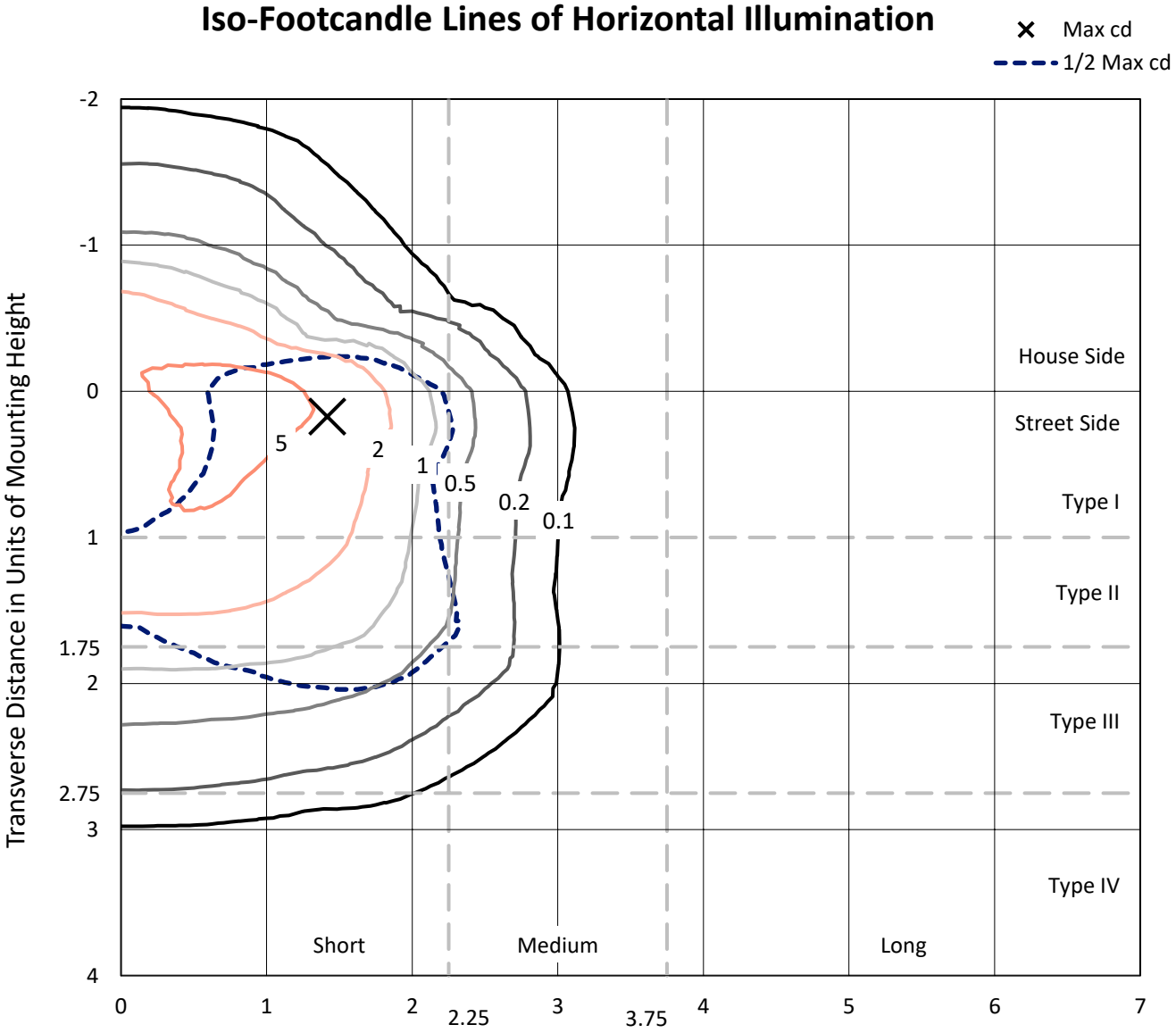
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501028
CATALOG NUMBER: GSS-SB4D-730-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



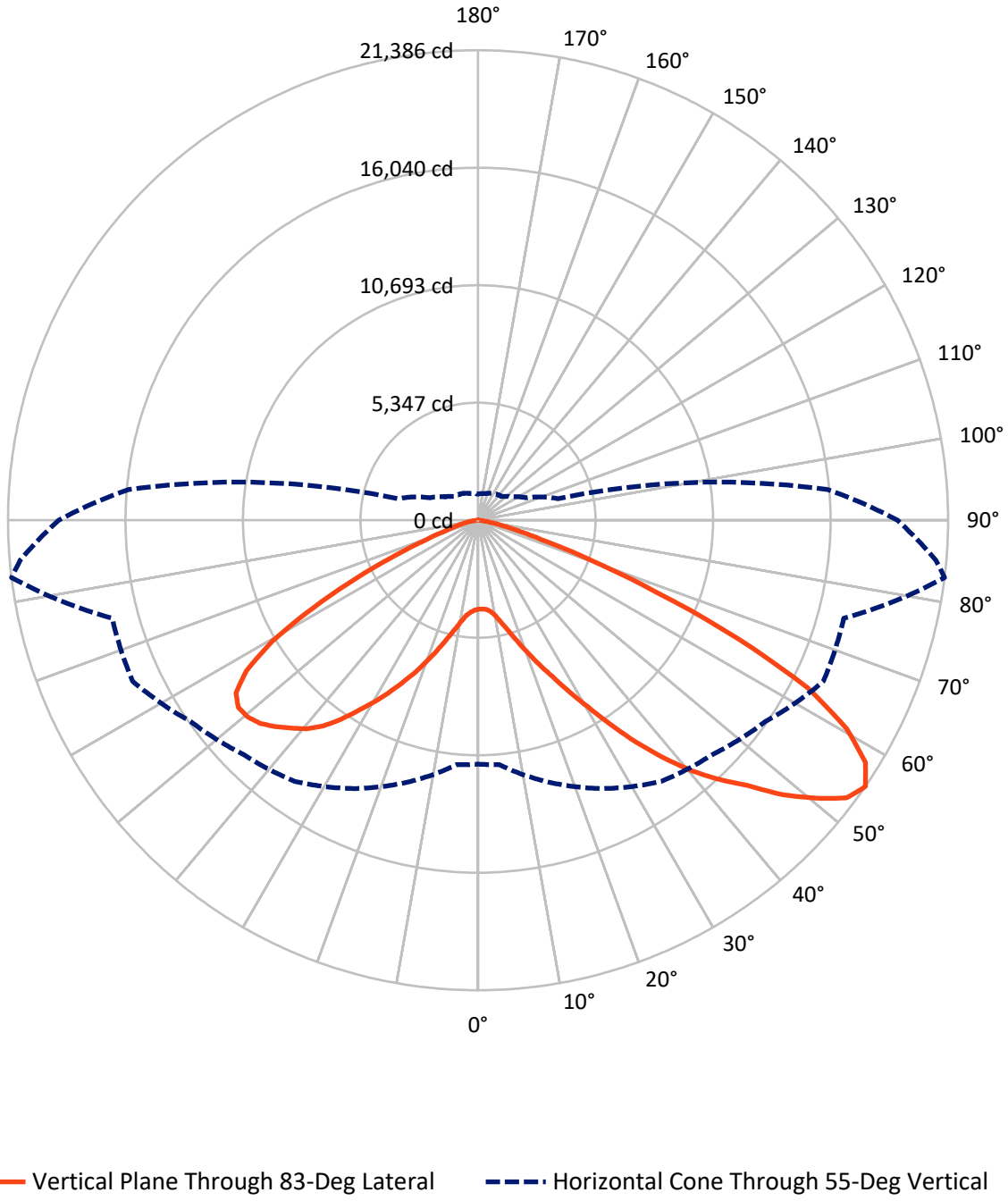
Based on 30 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Short - N/A

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Scaled Data Report

REPORT NUMBER: P1501028
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Luminous Intensity Polar Plot



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Scaled Data Report

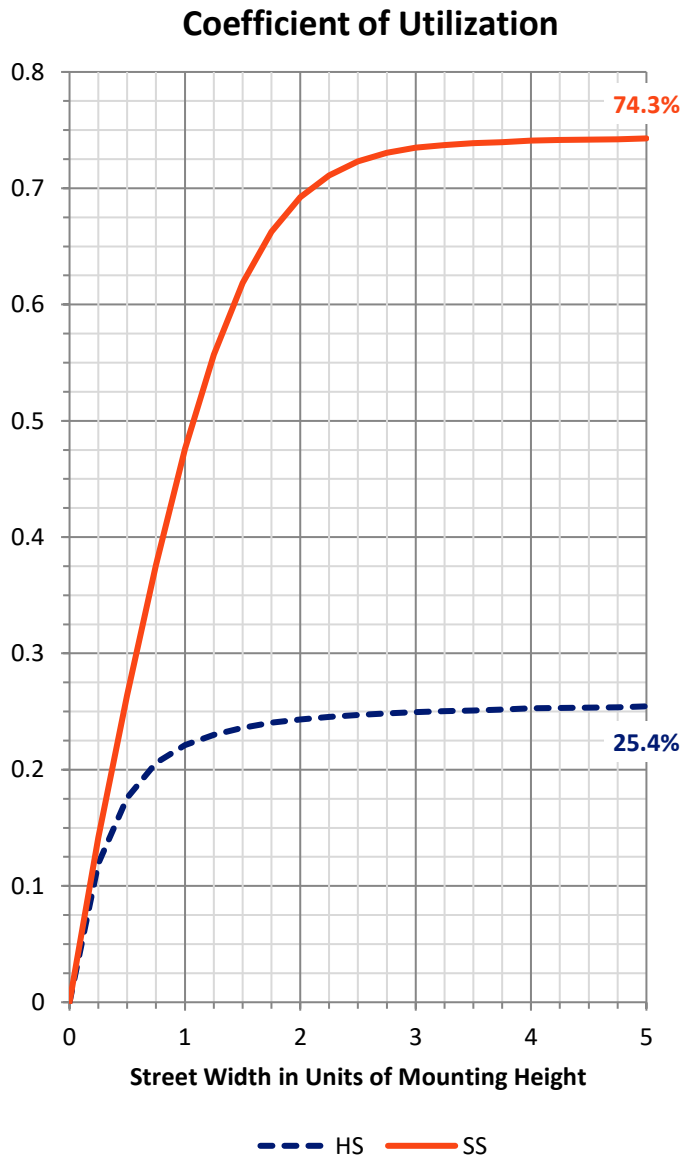
REPORT NUMBER: P1501028
CATALOG NUMBER: GSS-SB4D-730-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8390.9	0.0	8390.9
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	24306.7	0.0	24306.7
	% Fixture	74.3	0.0	74.3
Total	Lumens	32697.6	0.0	32697.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	391.1	1.2
10°-20°	1274.0	3.9
20°-30°	2550.6	7.8
30°-40°	4538.0	13.9
40°-50°	6838.5	20.9
50°-60°	8333.2	25.5
60°-70°	6738.6	20.6
70°-80°	1845.6	5.6
80°-90°	188.0	0.6
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°	32697.6	100.0
0°-180°	32697.6	100.0



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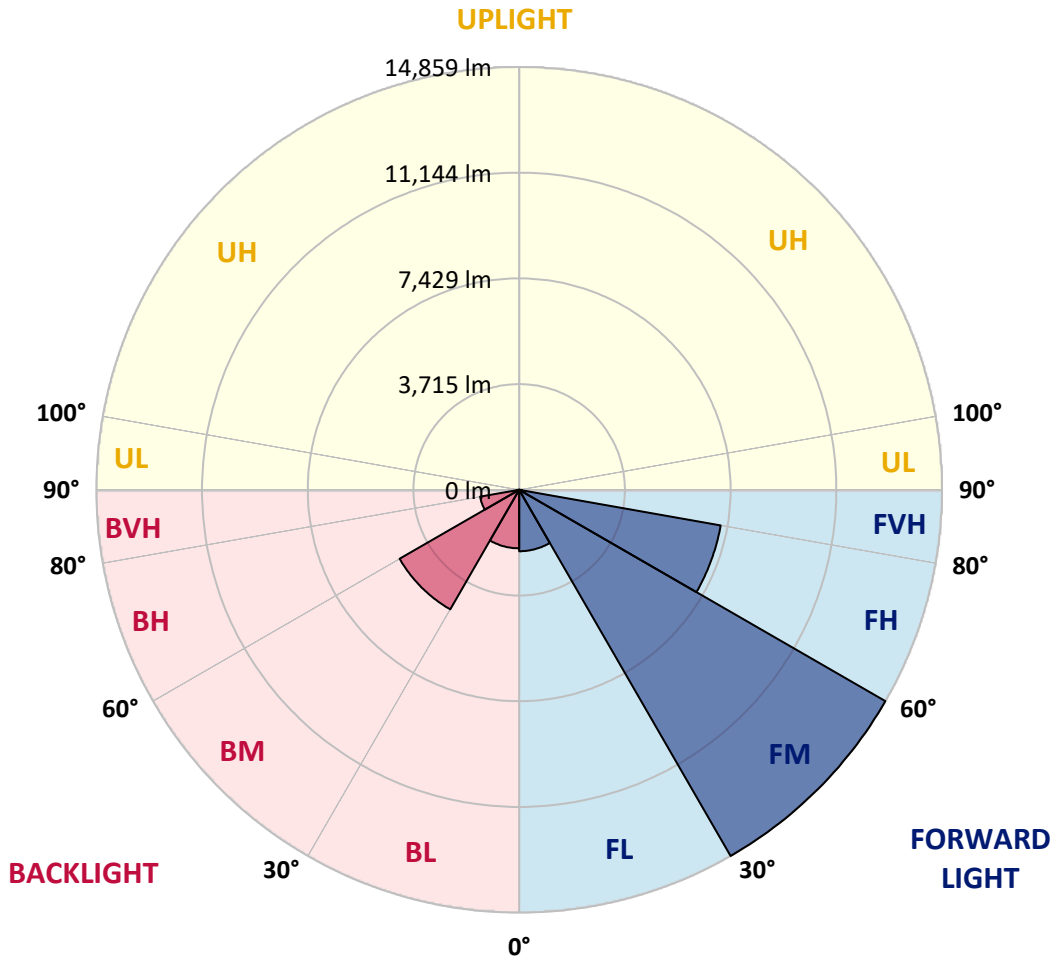
Scaled Data Report

REPORT NUMBER: P1501028
CATALOG NUMBER: GSS-SB4D-730-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2158.9	6.6			
FM	(30°-60°)	14858.8	45.4			
FH	(60°-80°)	7191.0	22.0			G3/7500
FVH	(80°-90°)	97.9	0.3			G1/100
BL	(0°-30°)	2056.8	6.3	B3/2500		
BM	(30°-60°)	4850.9	14.8	B3/5000		
BH	(60°-80°)	1393.1	4.3	B3/2500		G3/2500
BVH	(80°-90°)	90.1	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-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	*4047.6*	4047.6
2.5°	3931.3	3924.1	3916.8	3909.5	3924.1	3945.9	3967.7	3982.2	4018.5	*4047.6*	4033.1
5°	3618.9	3604.3	3618.9	3677.0	3727.9	3815.1	3902.3	3960.4	4040.3	*4076.7*	4091.2
7.5°	3342.7	3328.2	3342.7	3415.4	3502.6	3640.7	3822.3	3967.7	4113.0	*4200.2*	4214.8
10°	3342.7	3350.0	3350.0	3379.1	3422.7	3560.7	3778.7	4054.9	4309.2	*4432.8*	4461.8
12.5°	3451.7	3451.7	3451.7	3488.1	3517.1	3626.1	3873.2	4214.8	4621.7	*4803.4*	4825.2
15°	3597.1	3589.8	3611.6	3633.4	3684.3	3793.3	4040.3	4447.3	4963.2	*5239.4*	5268.4
17.5°	3800.5	3786.0	3807.8	3858.7	3931.3	4054.9	4302.0	4767.0	5435.6	*5784.4*	5828.0
20°	4025.8	4018.5	4062.1	4142.1	4243.8	4396.4	4679.8	5152.2	5973.3	*6416.6*	6496.5
22.5°	4294.7	4280.2	4360.1	4505.4	4643.5	4817.9	5159.4	5653.6	6591.0	*7121.5*	7201.4
25°	4599.9	4599.9	4708.9	4883.3	5094.0	5406.5	5748.1	6293.1	7317.7	*7884.5*	8008.0
27.5°	5101.3	5137.6	5181.2	5362.9	5660.8	6082.3	6445.7	7063.3	8109.8	*8821.9*	8865.5
30°	5915.2	5900.7	5973.3	6096.9	6343.9	6787.2	7332.2	7993.5	9112.6	*9861.1*	9970.1
32.5°	6649.1	6670.9	6772.7	7005.2	7303.1	7681.0	8335.0	9148.9	10202.6	*11067.4*	11118.2
35°	7390.4	7404.9	7601.1	7949.9	8393.2	8814.6	9526.8	10326.1	11387.1	*12411.7*	12549.8
37.5°	8429.5	8415.0	8611.2	8909.1	9505.0	10159.0	10733.1	11496.1	12520.7	*13719.7*	13879.6
40°	9207.1	9287.0	9657.6	10035.5	10595.0	11270.8	11757.7	12477.1	13450.9	*14998.7*	15144.0
42.5°	10006.4	10071.8	10565.9	11132.8	11721.4	12179.2	12557.1	13225.6	14192.1	*16132.3*	16212.3
45°	10667.7	10754.9	11321.7	12041.1	12651.5	13116.6	13247.4	13872.3	14947.8	*17222.4*	17345.9
47.5°	11089.2	11183.6	11852.2	12695.1	13320.1	13814.2	13770.6	14649.9	15754.5	*18668.4*	18624.8
50°	11379.8	11438.0	12164.6	13065.7	13879.6	14206.6	14395.6	15529.2	16582.9	*19882.0*	19722.1
52.5°	11590.6	11685.0	12346.3	13334.6	14192.1	14620.8	15129.5	16546.5	17156.9	*20993.8*	20637.8
55°	*11096.4*	*11169.1*	*12331.8*	*13472.7*	*14511.8*	*15078.6*	*15965.2*	*17338.6*	*17229.6*	*21386.2*	*20906.6*
57.5°	10587.7	10645.9	11721.4	13436.3	14860.6	15645.5	16917.1	17440.4	16582.9	*20783.1*	20179.9
60°	9948.3	9991.9	11067.4	13051.2	14867.9	16088.7	17404.0	16699.1	15383.8	*19264.3*	18690.2
62.5°	8771.0	8771.0	9955.5	12012.0	14504.6	16314.0	17273.2	15296.6	13777.9	*16873.5*	16081.5
65°	7608.4	7557.5	8356.8	10159.0	13538.1	16255.9	16292.2	13523.5	11285.4	*13014.9*	12397.2
67.5°	6343.9	6351.2	6823.5	8247.8	10965.6	15042.3	14221.2	10449.7	7862.7	*8763.8*	8444.0
70°	4294.7	4403.7	4883.3	5987.9	8269.6	10660.4	11321.7	7077.9	4905.1	*5442.8*	5181.2
72.5°	1635.0	1656.8	2216.4	3139.3	5224.8	6409.3	7899.0	3960.4	2870.4	*3001.2*	3015.7
75°	690.3	719.4	944.7	1322.6	2318.1	3495.3	4156.6	2005.6	1744.0	*1794.9*	1780.4
77.5°	465.1	479.6	574.1	712.1	1046.4	1402.5	1736.8	1133.6	1068.2	*1002.8*	973.8
80°	348.8	348.8	414.2	479.6	588.6	719.4	755.7	574.1	639.5	*530.5*	515.9
82.5°	225.3	239.8	261.6	283.4	334.3	356.1	305.2	312.5	370.6	*276.1*	261.6
85°	109.0	116.3	123.5	130.8	130.8	123.5	109.0	138.1	188.9	*116.3*	109.0
87.5°	14.5	14.5	14.5	14.5	14.5	14.5	7.3	7.3	7.3	*7.3*	7.3
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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Scaled Data Report

REPORT NUMBER: P1501028
CATALOG NUMBER: GSS-SB4D-730-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6	4047.6
2.5°	4054.9	4083.9	4105.8	4120.3	4156.6	4149.4	4171.2	4185.7	4200.2	4222.0	4193.0
5°	4127.6	4178.4	4236.6	4280.2	4323.8	4345.6	4352.8	4367.4	4374.6	4389.2	4381.9
7.5°	4287.4	4345.6	4432.8	4476.4	4512.7	4512.7	4490.9	4483.6	4461.8	4476.4	4476.4
10°	4556.3	4643.5	4738.0	4745.2	4701.6	4650.8	4570.8	4527.2	4469.1	4454.6	4440.0
12.5°	4948.7	5065.0	5137.6	5086.8	4934.2	4745.2	4534.5	4338.3	4185.7	4120.3	4105.8
15°	5392.0	5537.3	5551.8	5406.5	5130.4	4672.6	4229.3	4011.3	3931.3	3931.3	3924.1
17.5°	6002.4	6104.1	6046.0	5697.2	5079.5	4331.0	4011.3	3974.9	3996.7	4025.8	4025.8
20°	6641.9	6758.1	6518.3	5900.7	4767.0	4127.6	4033.1	4062.1	4113.0	4142.1	4134.8
22.5°	7404.9	7463.0	6997.9	5907.9	4432.8	4076.7	4076.7	4113.0	4149.4	4193.0	4193.0
25°	8189.7	8167.9	7441.2	5639.0	4243.8	4062.1	4047.6	4076.7	4091.2	4113.0	4105.8
27.5°	9069.0	8952.7	7782.8	5210.3	4185.7	4018.5	3945.9	3916.8	3931.3	3953.1	3960.4
30°	10079.1	9802.9	8058.9	4941.4	4163.9	3916.8	3742.4	3662.5	3647.9	3677.0	3677.0
32.5°	11249.0	10653.2	8226.0	4905.1	4142.1	3735.1	3502.6	3350.0	3320.9	3335.5	3371.8
35°	12448.1	11677.8	8182.4	4999.6	4149.4	3589.8	3248.3	3044.8	3015.7	3030.3	3066.6
37.5°	13705.2	12651.5	8015.3	5144.9	4091.2	3393.6	3015.7	2768.7	2725.1	2754.1	2768.7
40°	14679.0	13472.7	7601.1	5203.0	3989.5	3146.5	2746.9	2536.1	2419.8	2412.6	2448.9
42.5°	15580.1	14119.4	7150.5	5108.6	3778.7	2884.9	2470.7	2260.0	2078.3	1940.2	1940.2
45°	16481.1	14773.4	6692.7	4839.7	3429.9	2608.8	2180.0	1896.6	1685.9	1584.2	1591.4
47.5°	17382.2	15405.6	6147.7	4432.8	3081.1	2318.1	1867.6	1642.3	1497.0	1417.0	1417.0
50°	18217.9	15863.5	5450.1	3786.0	2681.5	2027.4	1649.6	1518.8	1409.8	1337.1	1322.6
52.5°	18951.9	16168.7	4505.4	3001.2	2245.4	1700.4	1533.3	1431.6	1351.6	1271.7	1249.9
55°	*19082.7*	*15965.2*	*3771.5*	*2412.6*	*1853.0*	*1526.0*	*1446.1*	*1358.9*	*1249.9*	*1213.6*	*1191.8*
57.5°	18276.0	14889.7	3182.9	2034.7	1584.2	1402.5	1373.4	1271.7	1184.5	1148.2	1126.4
60°	16902.6	12934.9	2630.6	1744.0	1409.8	1286.2	1322.6	1220.8	1082.8	1061.0	1039.2
62.5°	14431.9	10093.6	2100.1	1467.9	1279.0	1199.0	1235.4	1090.0	973.8	944.7	937.4
65°	11220.0	7223.2	1765.8	1293.5	1177.2	1111.8	1097.3	966.5	879.3	857.5	857.5
67.5°	7833.6	4592.6	1475.2	1184.5	1046.4	1002.8	995.6	908.4	850.2	828.4	828.4
70°	4796.1	2783.2	1242.6	1082.8	922.9	843.0	893.8	879.3	792.1	770.3	763.0
72.5°	2492.5	1664.1	1090.0	995.6	777.5	719.4	799.3	806.6	733.9	763.0	755.7
75°	1446.1	1155.4	952.0	879.3	617.7	603.1	697.6	770.3	712.1	733.9	719.4
77.5°	828.4	741.2	733.9	719.4	486.9	494.1	624.9	690.3	610.4	632.2	581.3
80°	457.8	479.6	508.7	450.5	341.5	385.1	501.4	552.3	465.1	457.8	421.5
82.5°	239.8	297.9	341.5	290.7	196.2	232.5	341.5	341.5	297.9	283.4	276.1
85°	109.0	123.5	159.9	145.3	72.7	87.2	159.9	174.4	152.6	138.1	130.8
87.5°	7.3	7.3	7.3	7.3	7.3	7.3	14.5	21.8	7.3	7.3	7.3
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: SP1-2407-184-4

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

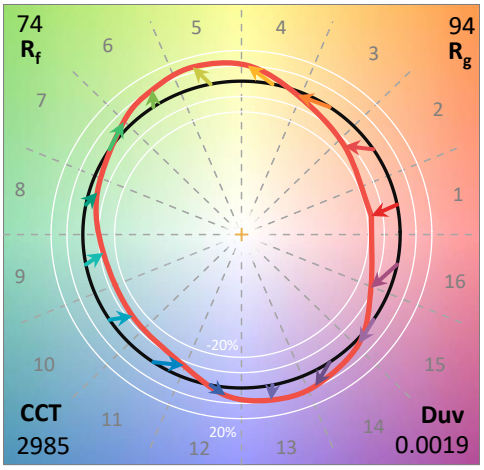
Test Information

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

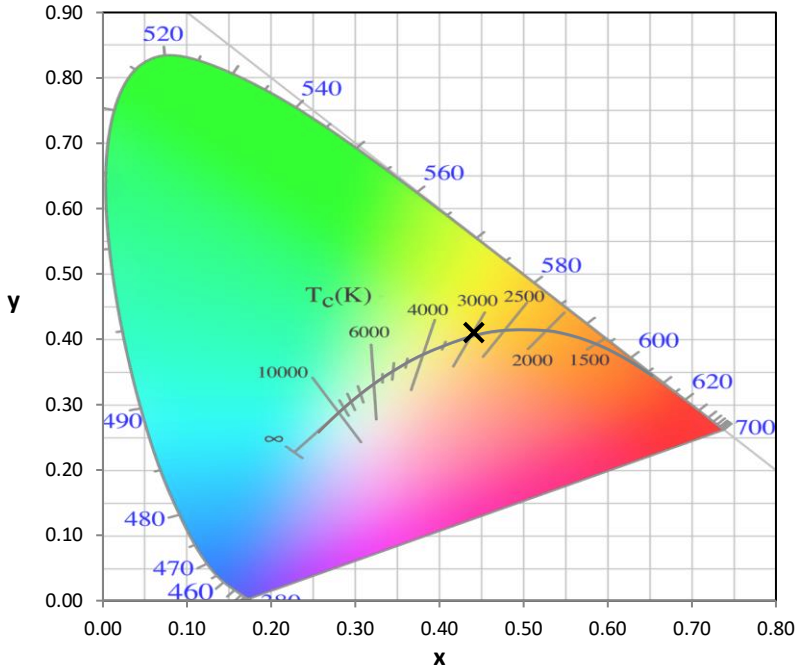
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

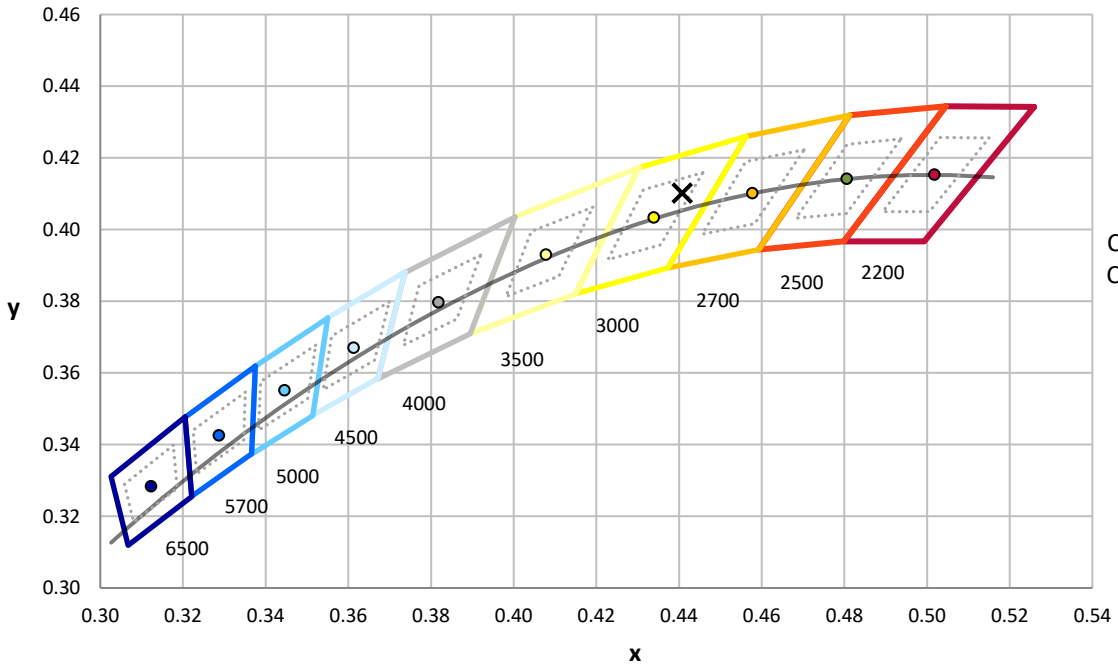
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

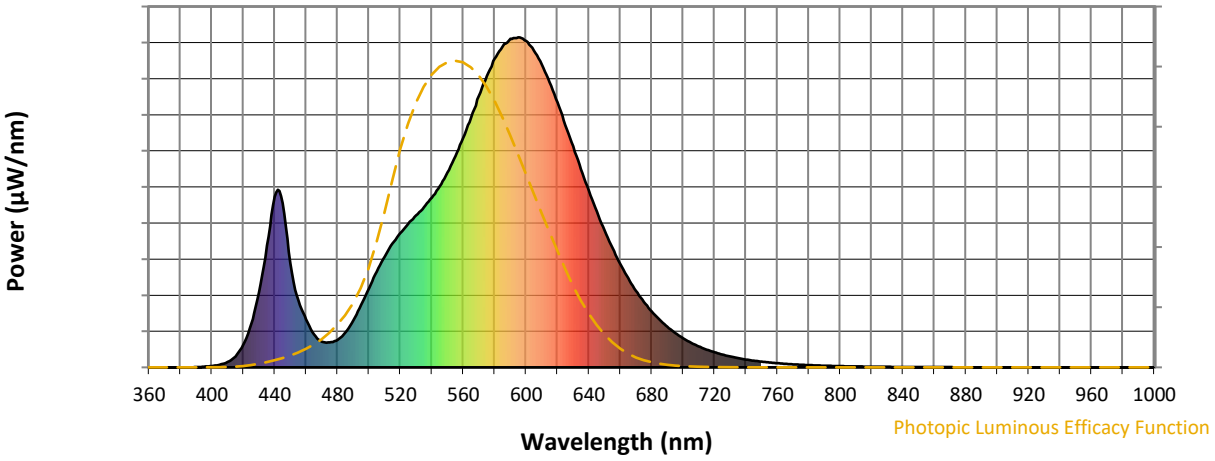


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

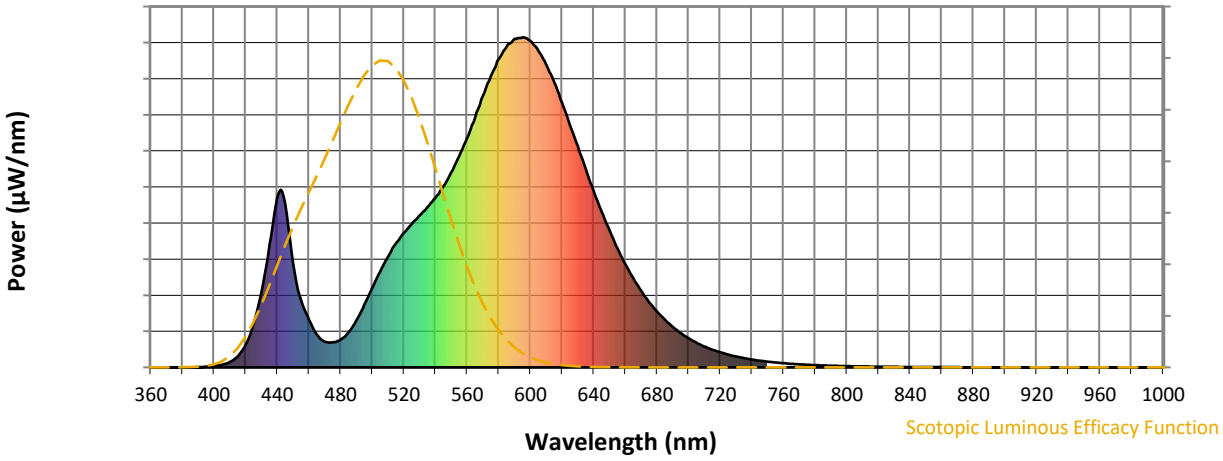


Photopic Lumens: NR

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	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

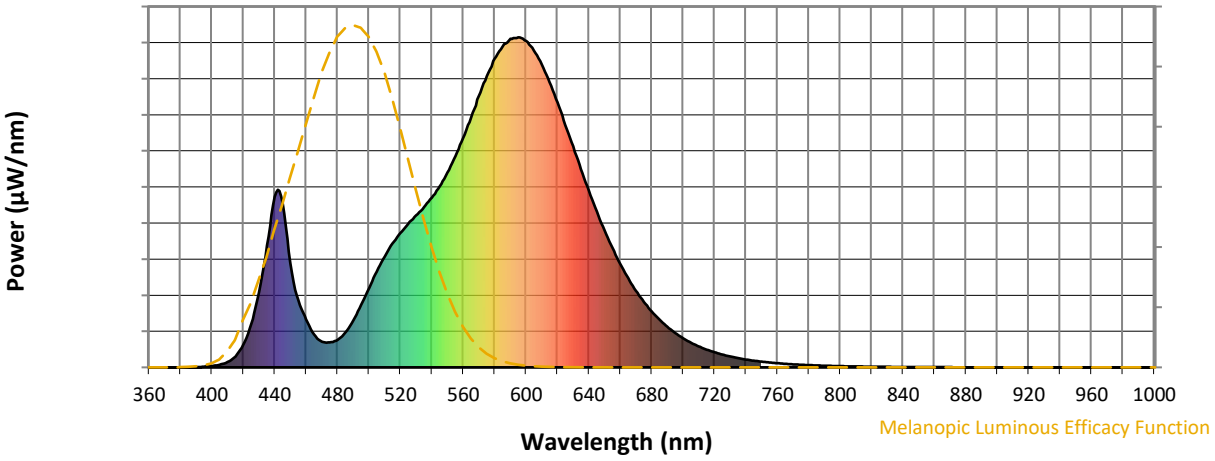


Scotopic Lumens: NR **S/P: 1.19**

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			

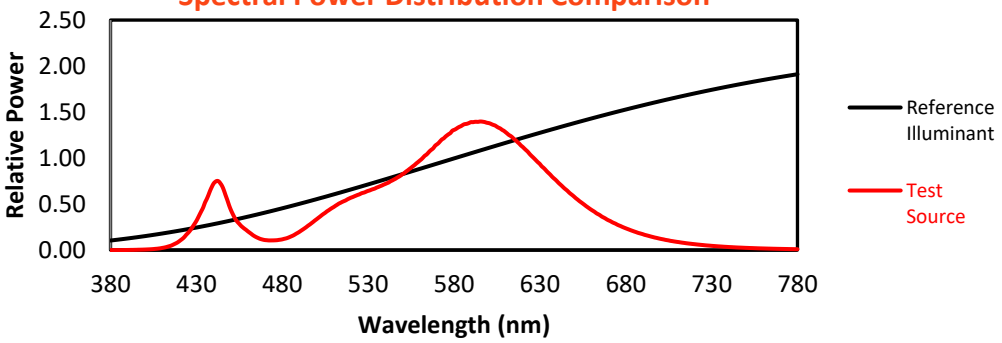
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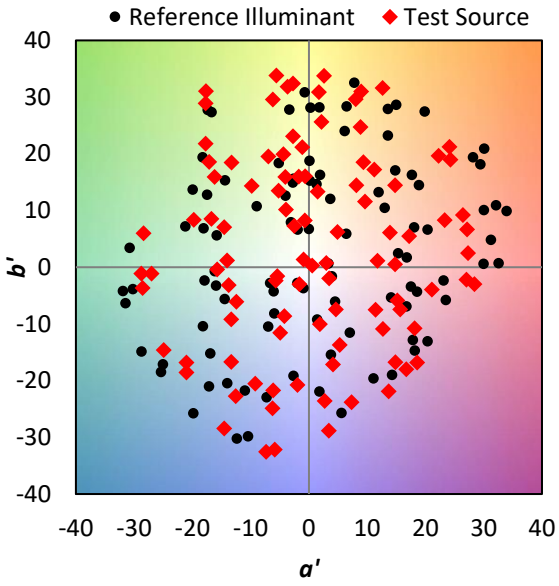
Summary

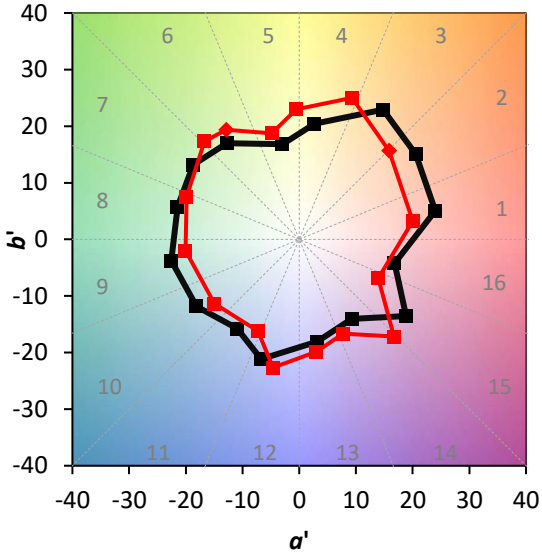
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

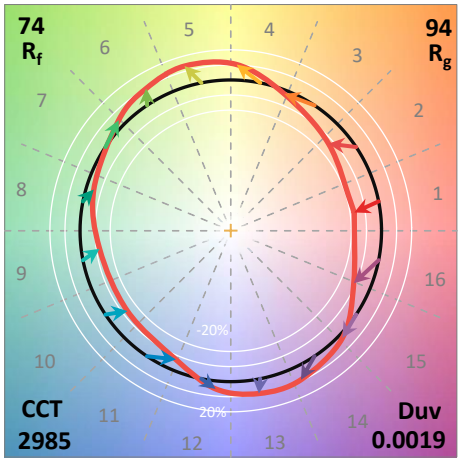
Spectral Power Distribution Comparison

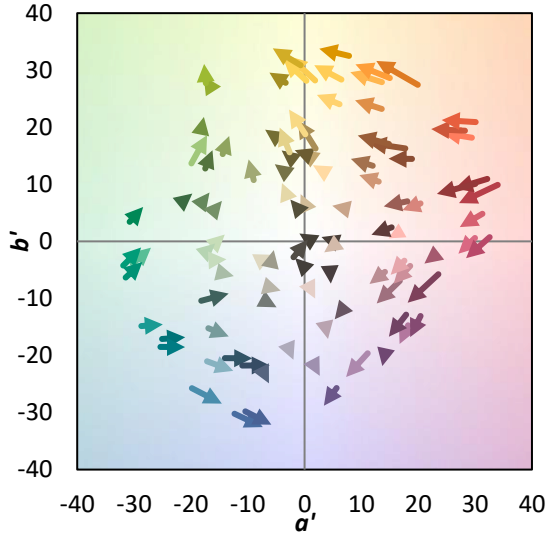


Color Vector Graphics







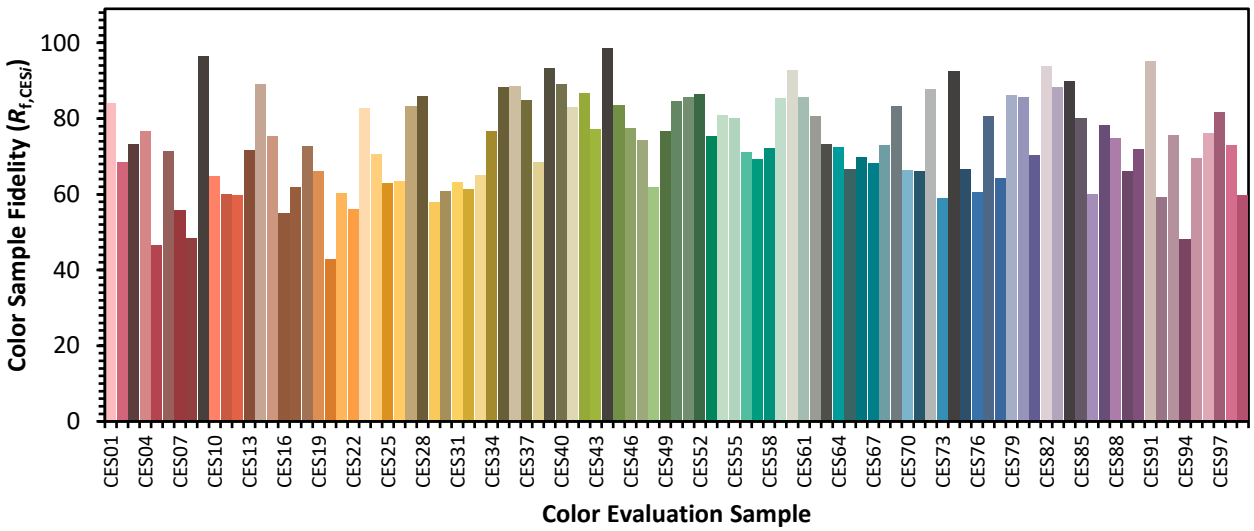


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Individual Sample Fidelity Index ($R_{f,i}$)

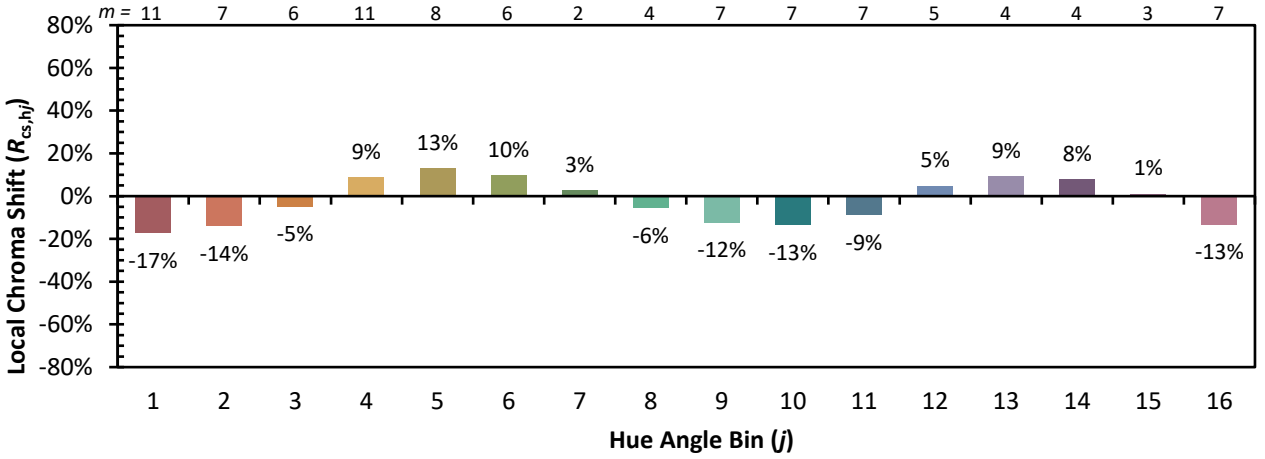
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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	

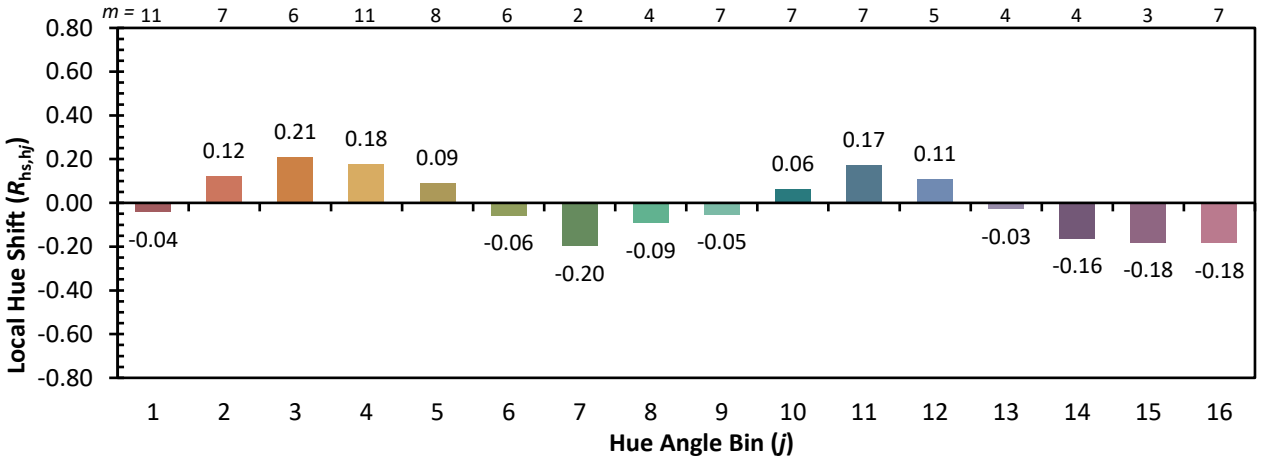


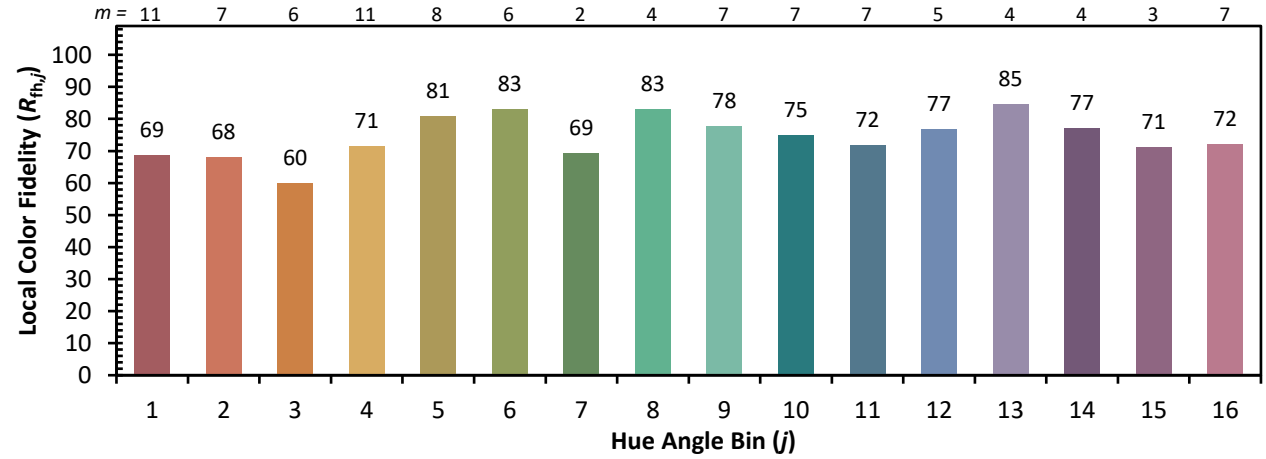
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Color Rendition by Hue-Angle Bin



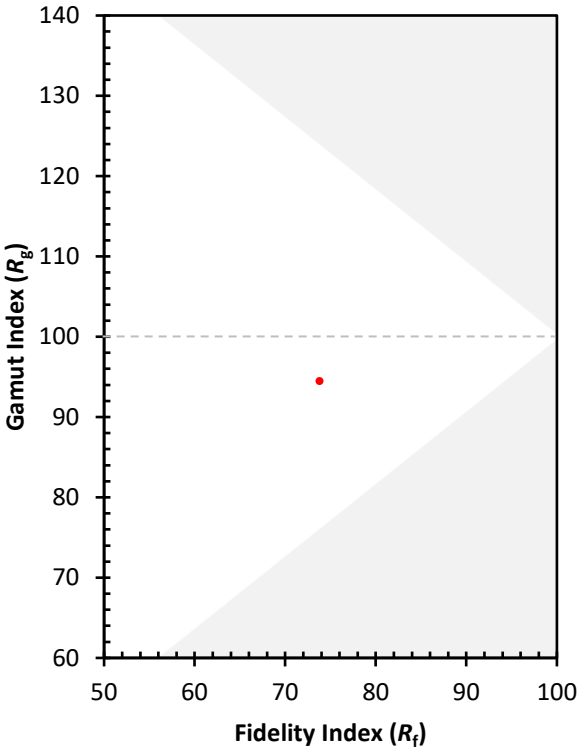


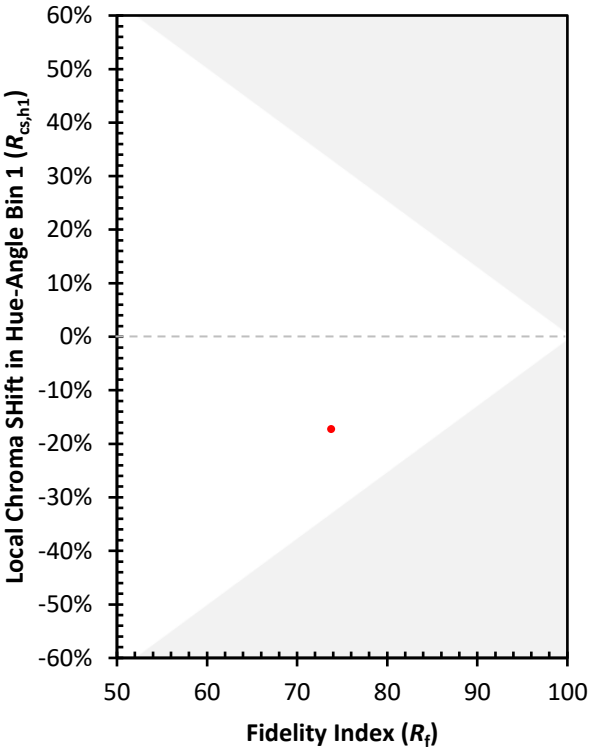


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Measure Comparisons





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