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: P1500572

Luminaire Tested: GSS-SB4D-740-U-T4LG

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:	P1500572
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-740-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	33968.1 lumens
Efficiency:	N/A
Efficacy:	142.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

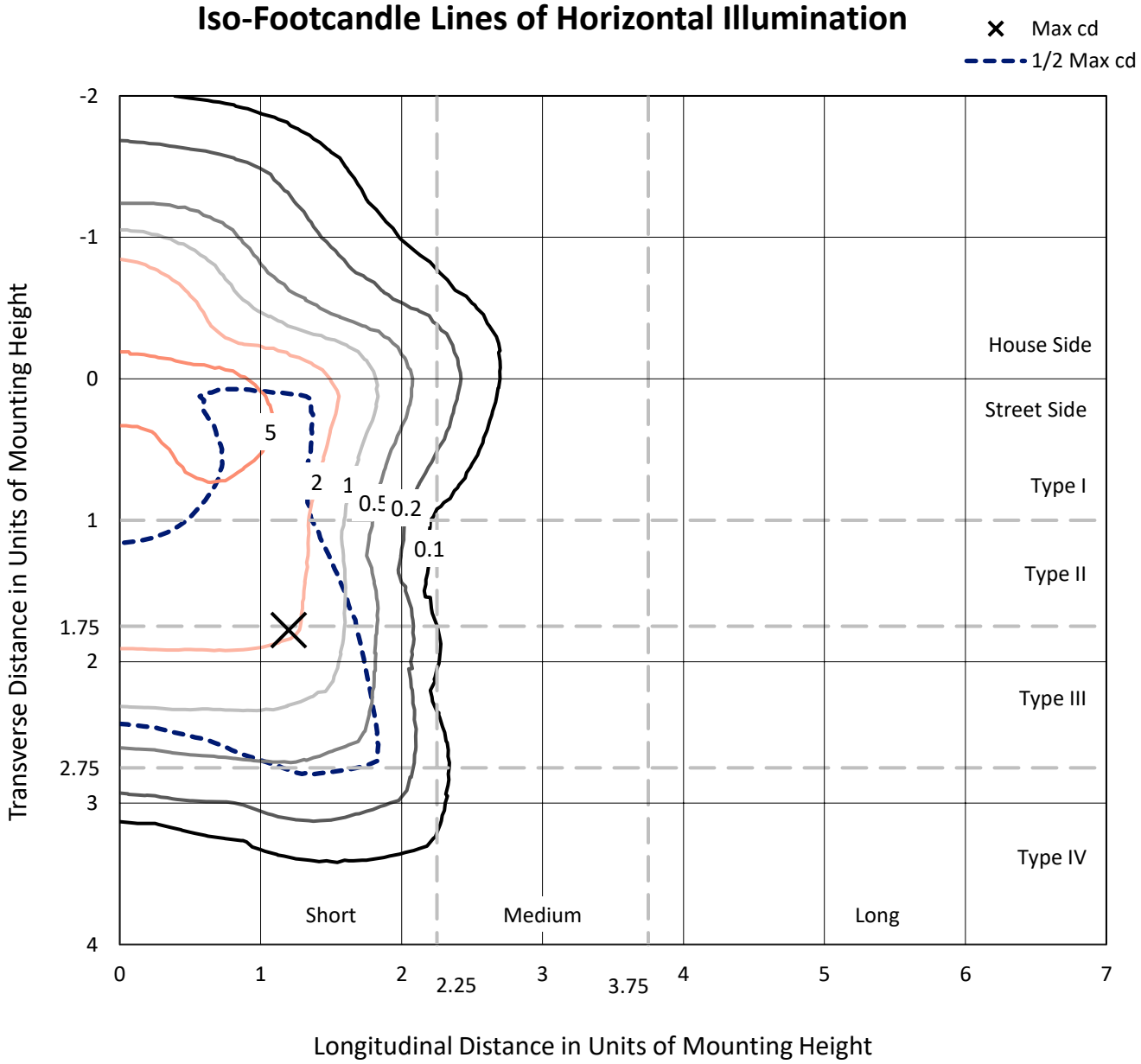
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500572
CATALOG NUMBER: GSS-SB4D-740-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



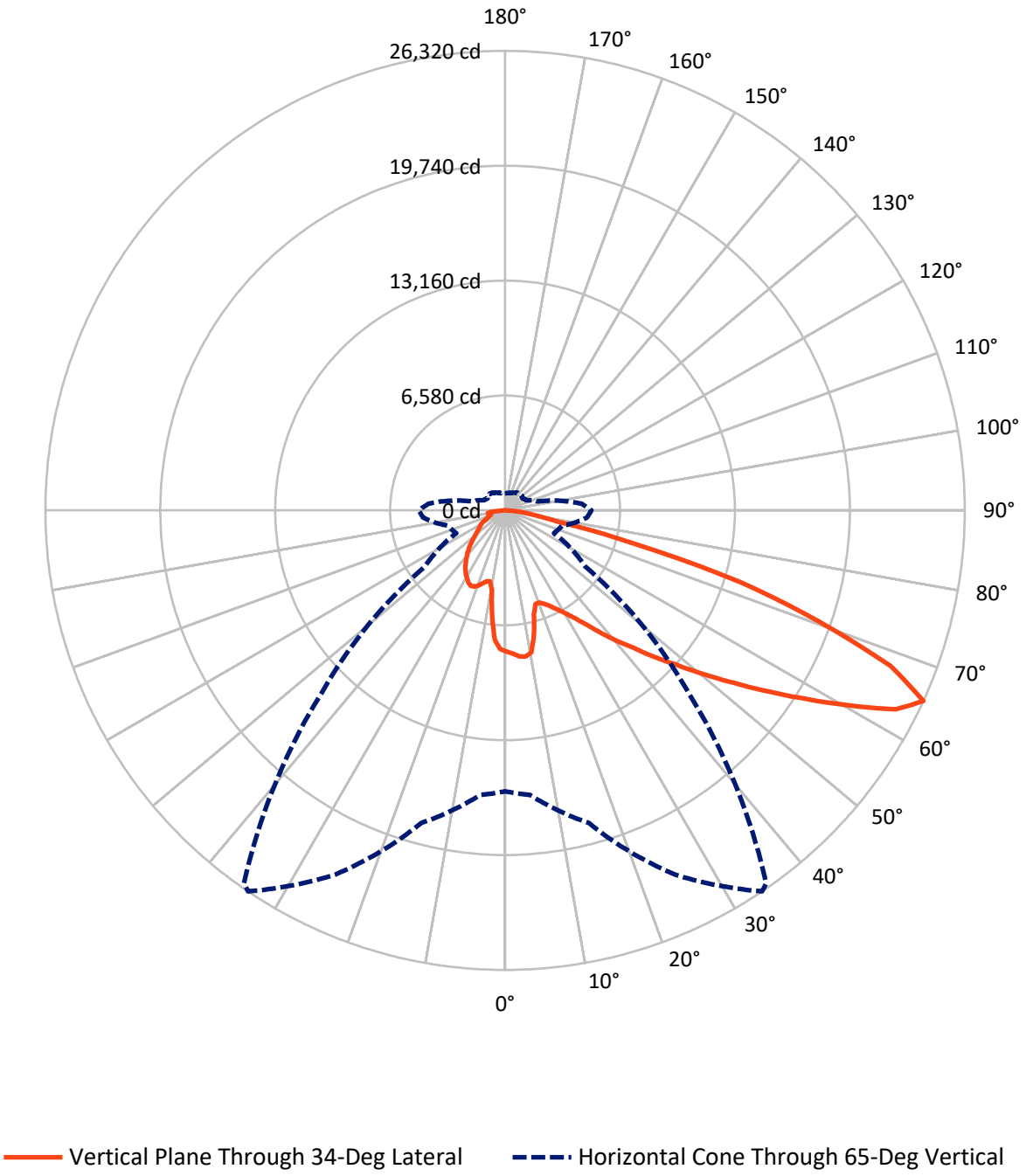
Based on 30 foot mounting height. Maximum calculated value = 9.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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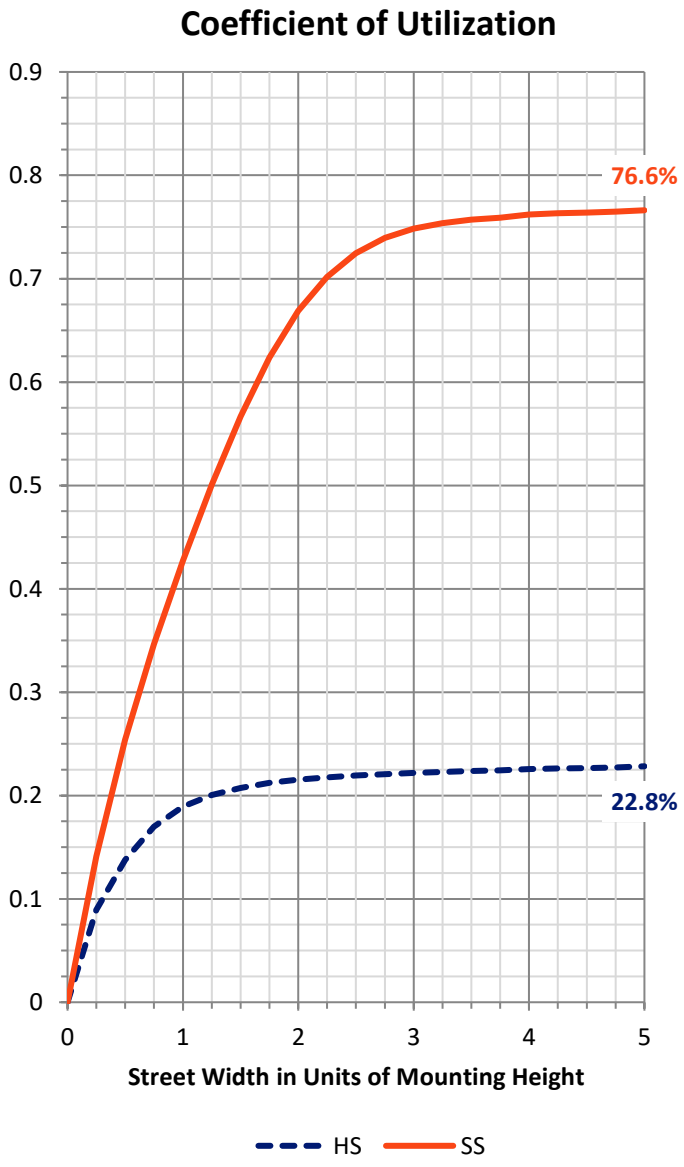
REPORT NUMBER: P1500572
CATALOG NUMBER: GSS-SB4D-740-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7902.9	0.0	7902.9
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	26065.2	0.0	26065.2
	% Fixture	76.7	0.0	76.7
Total	Lumens	33968.1	0.0	33968.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	728.0	2.1
10°-20°	1832.4	5.4
20°-30°	3037.5	8.9
30°-40°	4568.2	13.4
40°-50°	6399.9	18.8
50°-60°	8069.2	23.8
60°-70°	6940.2	20.4
70°-80°	2063.3	6.1
80°-90°	329.2	1.0
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°	33968.1	100.0
0°-180°	33968.1	100.0



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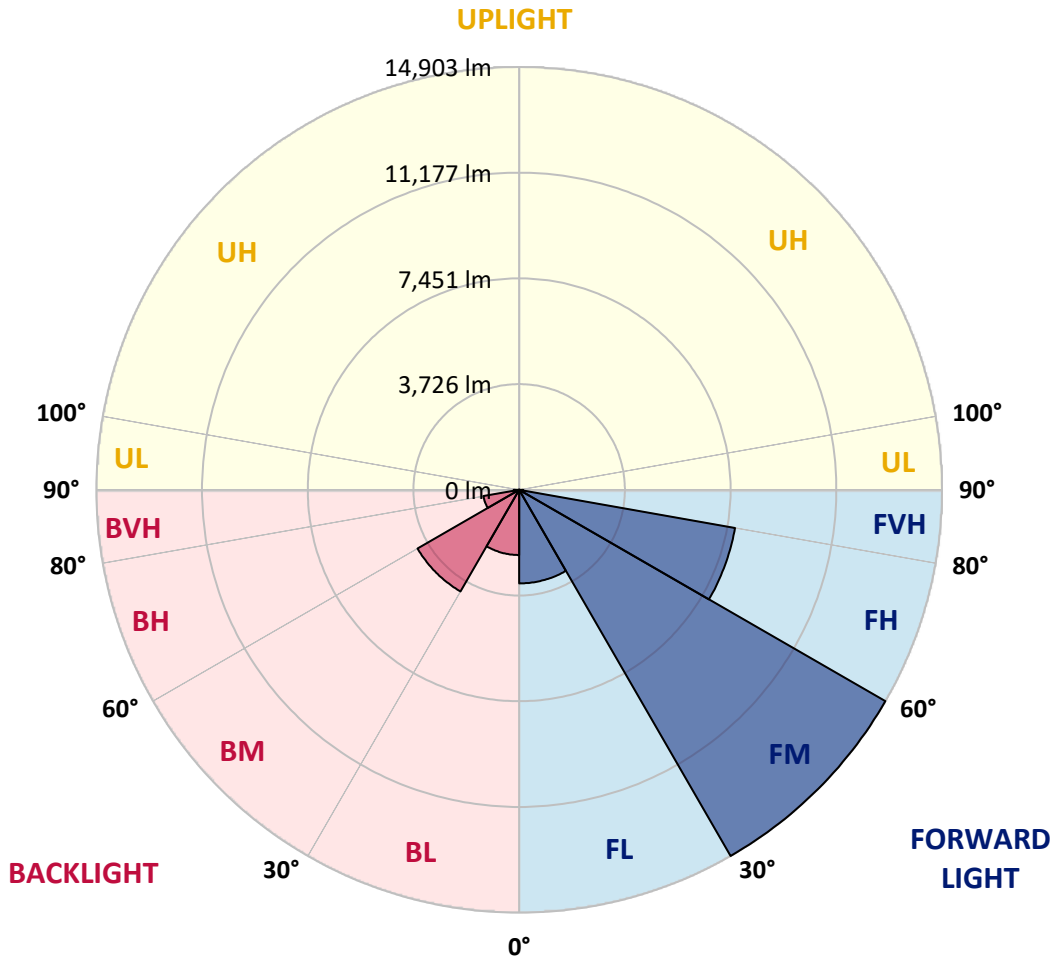
Scaled Data Report

REPORT NUMBER: P1500572
CATALOG NUMBER: GSS-SB4D-740-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3298.6	9.7			
FM	(30°-60°)	14902.8	43.9			
FH	(60°-80°)	7724.5	22.7			G4/12000
FVH	(80°-90°)	139.3	0.4			G2/225
BL	(0°-30°)	2299.4	6.8	B3/2500		
BM	(30°-60°)	4134.5	12.2	B3/5000		
BH	(60°-80°)	1279.0	3.8	B3/2500		G3/2500
BVH	(80°-90°)	189.9	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0
2.5°	8229.9	8276.0	8222.2	8199.1	8206.8	8214.5	8176.0	8183.7	8137.6	8137.6	8099.1
5°	8406.8	8414.5	8383.7	8406.8	8399.1	8391.4	8391.4	8383.7	8283.7	8260.6	8222.2
7.5°	8306.8	8337.6	8352.9	8437.5	8460.6	8506.8	8537.5	8552.9	8476.0	8414.5	8314.5
10°	7391.5	7414.6	7591.5	7976.1	8268.3	8322.2	8606.8	8768.3	8714.4	8683.7	8514.5
12.5°	5907.1	5945.5	6145.5	6645.4	7330.0	7476.1	8383.7	8929.8	9052.9	9060.6	8814.4
15°	5268.7	5268.7	5330.2	5614.8	6168.6	6283.9	7622.3	8976.0	9414.4	9468.2	9168.2
17.5°	5137.9	5130.2	5168.7	5337.9	5630.2	5699.4	6745.4	8737.5	9845.1	9937.4	9552.8
20°	5130.2	5107.1	5184.1	5376.3	5630.2	5691.7	6337.8	8322.2	10183.5	10475.8	9937.4
22.5°	5137.9	5137.9	5245.6	5522.5	5814.8	5868.6	6414.7	7976.1	10460.4	11037.3	10345.0
25°	5222.5	5207.1	5361.0	5699.4	6099.3	6137.8	6730.0	7960.7	10698.8	11668.0	10837.3
27.5°	5361.0	5368.6	5576.3	5984.0	6437.8	6514.7	7168.5	8291.4	10991.1	12360.2	11314.2
30°	5653.2	5660.9	5907.1	6322.4	6845.4	6945.4	7676.1	8783.7	11406.5	13106.3	11829.5
32.5°	5984.0	6022.4	6322.4	6807.0	7368.4	7422.3	8299.1	9522.0	12029.5	13852.3	12383.3
35°	6537.8	6576.2	6914.6	7422.3	8045.3	8122.2	9060.6	10375.8	12790.9	14606.1	12814.0
37.5°	7253.1	7283.8	7614.6	8229.9	8891.3	8968.3	9906.6	11283.4	13560.1	15206.0	13198.6
40°	8106.8	8176.0	8529.8	9129.8	9798.9	9845.1	10829.6	12160.2	14390.8	15621.4	13352.4
42.5°	9037.5	9106.7	9468.2	10129.7	10745.0	10883.4	11829.5	13090.9	15067.6	15806.0	13229.3
45°	10229.7	10214.3	10552.7	11244.9	11967.9	12021.8	12898.6	13860.0	15475.2	15652.2	13106.3
47.5°	11675.7	11691.0	11906.4	12467.9	13214.0	13337.0	14013.9	14521.5	15713.7	15529.1	12967.8
50°	13306.3	13344.7	13529.3	13937.0	14736.9	14821.5	15021.5	14983.0	15859.8	15267.6	13021.7
52.5°	14936.8	14959.9	15206.0	15636.8	16413.6	16475.1	16036.7	15336.8	15313.7	14213.8	12906.3
55°	16275.2	16267.5	16705.9	17367.4	18313.4	18274.9	17036.6	15067.6	13606.2	12575.6	12391.0
57.5°	17436.6	17482.7	18051.9	19197.9	20390.1	20359.3	18105.7	13644.7	11114.2	10637.3	11552.6
60°	18482.6	18590.3	19659.4	21374.6	22689.9	22505.3	18298.0	11498.8	8645.2	8329.9	9891.2
62.5°	18028.8	18228.8	19944.0	23289.8	25097.3	24689.6	17113.5	8906.7	5853.2	5568.6	6991.6
65°	16090.6	16359.8	18536.5	23012.9	26320.2	26066.4	14959.9	5599.4	3084.3	3384.2	4707.2
67.5°	13513.9	13837.0	16190.6	20674.7	23812.8	23266.7	11621.8	2945.8	1438.3	2230.5	2922.8
70°	7406.9	8206.8	11706.4	17582.7	19074.9	18313.4	6722.3	1392.2	1046.0	1392.2	1746.0
72.5°	2784.3	2976.6	5076.4	11821.8	14129.2	13190.9	2553.6	899.9	876.8	1030.7	1261.4
75°	1338.3	1430.6	2207.5	5376.3	7714.5	7191.5	1253.7	669.2	753.8	807.6	915.3
77.5°	799.9	861.4	1376.8	3122.7	3038.1	2792.0	769.1	515.3	607.6	576.9	538.4
80°	476.9	530.7	838.4	1776.7	1830.6	1622.9	469.2	361.5	423.0	369.2	330.7
82.5°	276.9	300.0	438.4	799.9	1161.4	1069.1	269.2	215.4	307.7	246.1	184.6
85°	138.4	146.1	200.0	346.1	576.9	438.4	115.4	100.0	146.1	107.7	61.5
87.5°	30.8	30.8	30.8	38.5	53.8	53.8	15.4	7.7	7.7	7.7	7.7
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: P1500572
CATALOG NUMBER: GSS-SB4D-740-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0	8076.0
2.5°	8091.4	8106.8	8053.0	7991.4	7976.1	7929.9	7945.3	7914.5	7868.4	7876.1	7883.8
5°	8168.3	8137.6	8029.9	7891.5	7768.4	7629.9	7468.4	7283.8	7153.1	7099.2	7145.4
7.5°	8237.6	8206.8	8022.2	7714.5	7299.2	6722.3	6122.4	5576.3	5199.4	5061.0	5091.8
10°	8429.9	8306.8	7968.4	7299.2	6307.0	5214.8	4607.2	4268.8	4153.4	4091.9	4099.6
12.5°	8683.7	8514.5	7868.4	6576.2	5076.4	4384.1	4168.8	4091.9	4053.4	4038.0	4053.4
15°	8991.3	8729.8	7629.9	5668.6	4507.2	4238.0	4191.9	4199.5	4199.5	4207.2	4207.2
17.5°	9260.5	8852.9	7199.2	5014.8	4391.8	4314.9	4361.1	4399.5	4399.5	4407.2	4399.5
20°	9506.7	8914.4	6645.4	4737.9	4414.9	4453.4	4561.0	4599.5	4607.2	4599.5	4599.5
22.5°	9768.2	8952.9	6091.6	4584.1	4468.7	4584.1	4699.5	4753.3	4768.7	4776.4	4784.1
25°	10022.0	8876.0	5637.9	4461.1	4445.7	4607.2	4737.9	4807.2	4822.6	4822.6	4830.2
27.5°	10275.8	8852.9	5330.2	4299.5	4338.0	4468.7	4622.6	4714.9	4776.4	4784.1	4791.8
30°	10568.1	8783.7	5037.9	4084.2	4099.6	4261.1	4422.6	4584.1	4707.2	4761.0	4761.0
32.5°	10768.1	8714.4	4776.4	3853.4	3853.4	4022.6	4222.6	4422.6	4599.5	4707.2	4730.3
35°	10960.4	8652.9	4545.7	3622.7	3630.4	3791.9	3999.6	4214.9	4438.0	4568.7	4630.3
37.5°	11060.3	8591.4	4384.1	3445.8	3415.0	3584.2	3722.7	3899.6	4138.0	4353.4	4407.2
40°	11083.4	8591.4	4368.8	3322.7	3192.0	3384.2	3445.8	3568.8	3784.2	4015.0	4099.6
42.5°	10929.6	8506.8	4445.7	3245.8	2961.2	3099.7	3168.9	3230.4	3368.9	3561.2	3630.4
45°	10745.0	8391.4	4514.9	3138.1	2676.6	2784.3	2892.0	2899.7	2961.2	3007.4	3053.5
47.5°	10591.2	8268.3	4391.8	2938.1	2384.4	2461.3	2576.6	2576.6	2545.9	2453.6	2422.8
50°	10714.2	8306.8	4184.2	2653.6	2115.2	2169.0	2292.1	2222.8	2153.6	1961.3	1938.3
52.5°	10821.9	8452.9	3938.0	2376.7	1884.4	1938.3	2061.3	1953.6	1815.2	1661.4	1638.3
55°	10645.0	8460.6	3484.2	2069.0	1722.9	1769.0	1884.4	1753.7	1622.9	1530.6	1515.2
57.5°	10114.3	8229.9	3007.4	1830.6	1584.4	1630.6	1738.3	1607.5	1484.5	1476.8	1515.2
60°	8945.2	7422.3	2569.0	1676.7	1453.7	1507.5	1615.2	1476.8	1315.2	1246.0	1269.1
62.5°	6753.1	5707.1	2199.8	1499.8	1330.6	1399.8	1476.8	1253.7	1115.3	1084.5	1053.7
65°	*4937.9*	*4384.1*	*1976.7*	*1361.4*	*1215.3*	*1299.9*	*1238.3*	*1115.3*	*1023.0*	*992.2*	*976.8*
67.5°	3192.0	2976.6	1699.8	1230.6	1107.6	1176.8	1092.2	1030.7	930.7	915.3	938.4
70°	1953.6	2022.9	1422.9	1084.5	999.9	984.5	999.9	938.4	830.7	853.8	884.5
72.5°	1384.5	1492.1	1222.9	946.1	853.8	823.0	892.2	853.8	776.8	799.9	830.7
75°	992.2	1107.6	1007.6	776.8	723.0	707.6	830.7	853.8	799.9	815.3	838.4
77.5°	584.6	707.6	715.3	599.9	546.1	630.7	884.5	984.5	946.1	899.9	876.8
80°	376.9	423.0	507.6	384.6	384.6	546.1	969.1	1199.9	1030.7	915.3	899.9
82.5°	192.3	223.1	330.7	246.1	230.7	407.6	953.7	1146.0	1138.3	1015.3	992.2
85°	53.8	69.2	153.8	107.7	92.3	215.4	715.3	861.4	769.1	561.5	569.2
87.5°	7.7	7.7	0.0	0.0	7.7	30.8	84.6	15.4	15.4	15.4	15.4
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

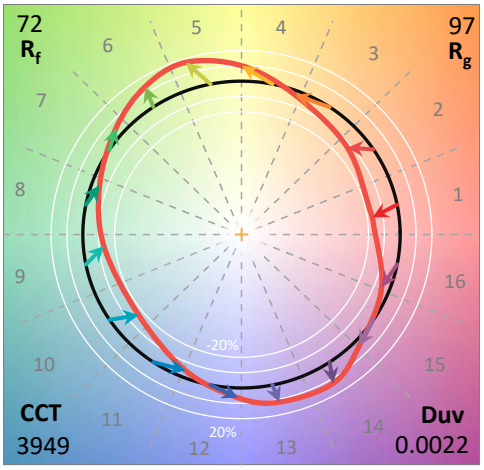
Test Information

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

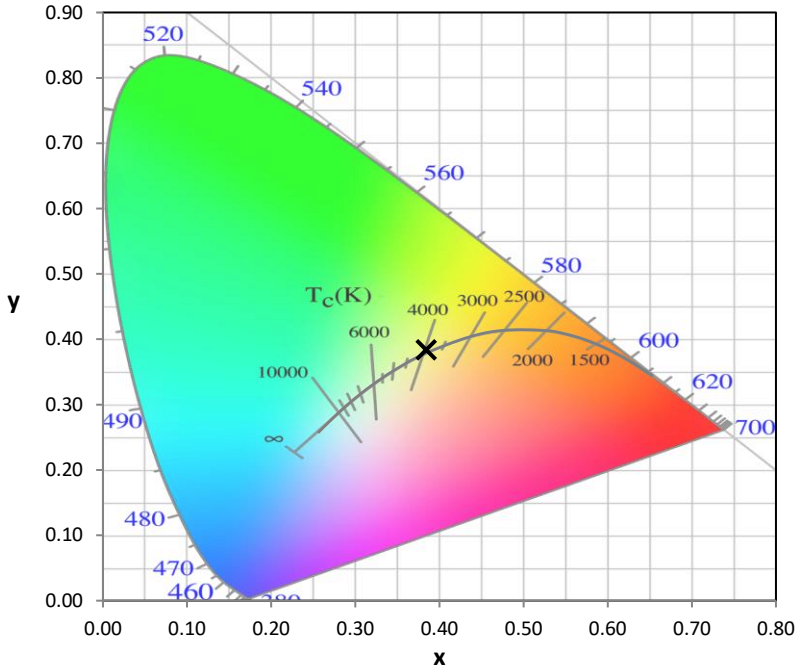
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

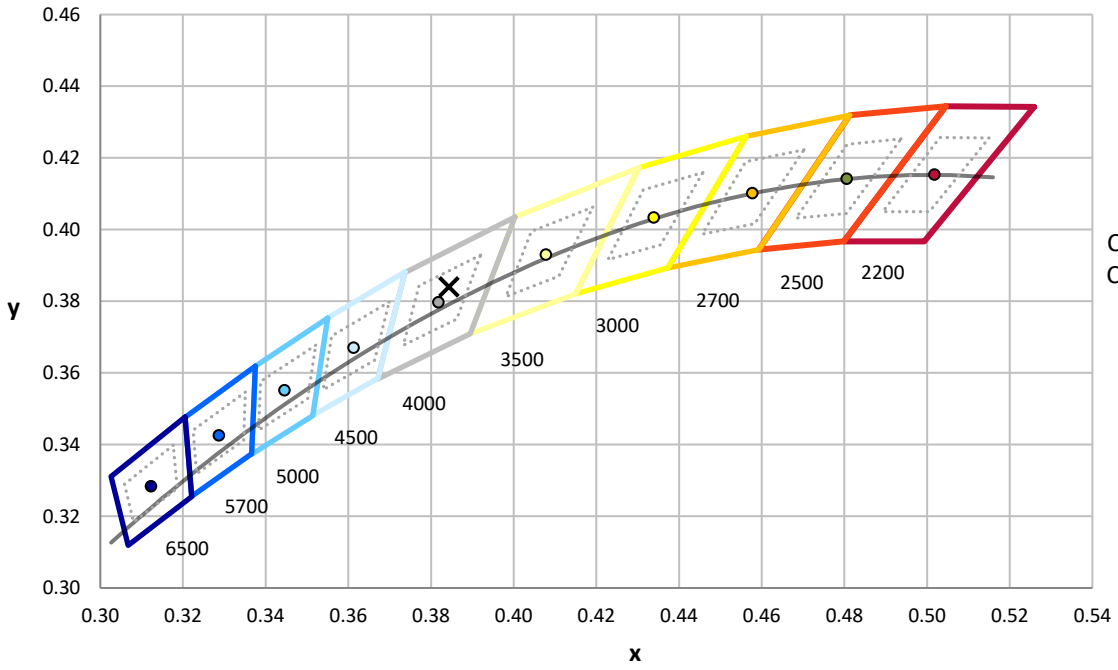
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

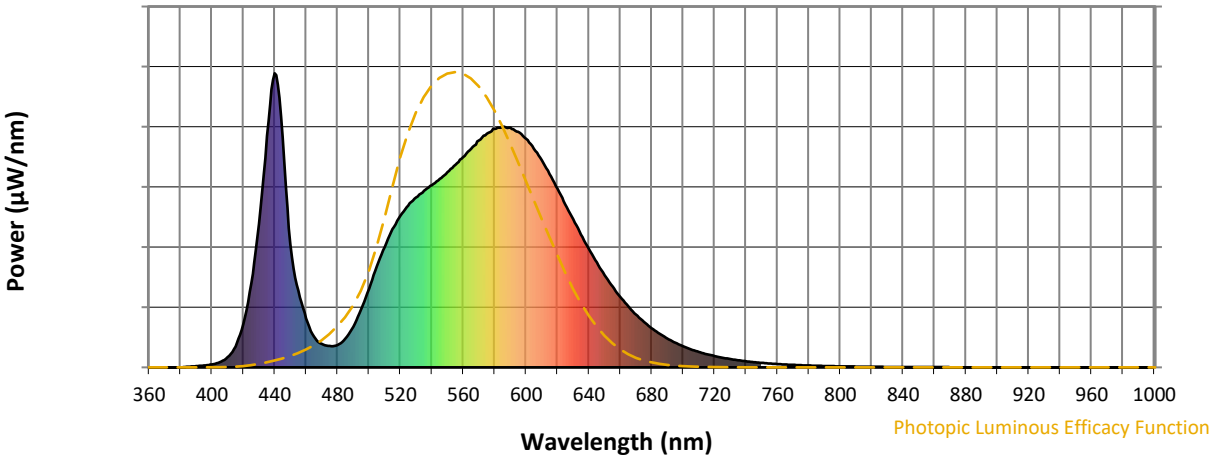


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

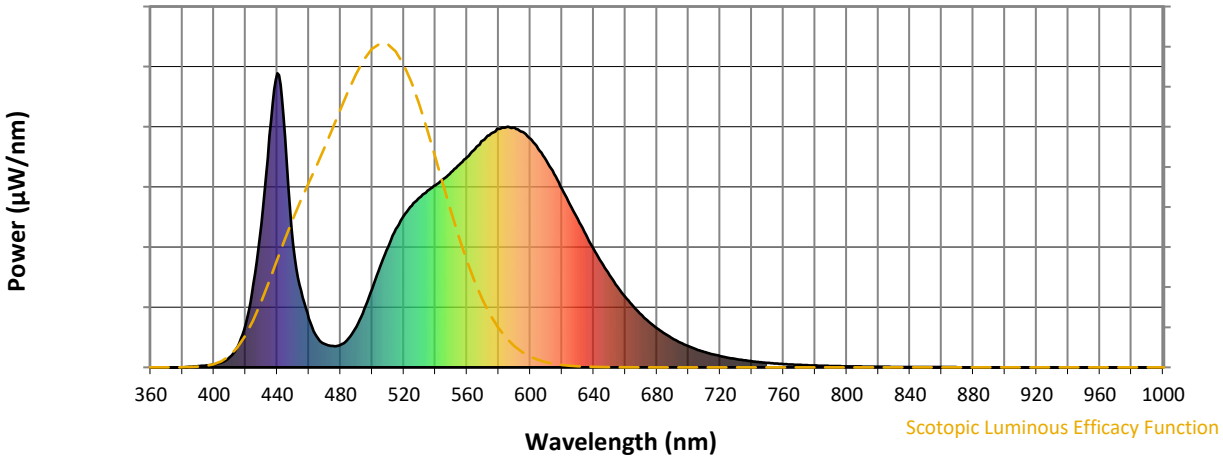


Photopic Lumens: NR

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	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

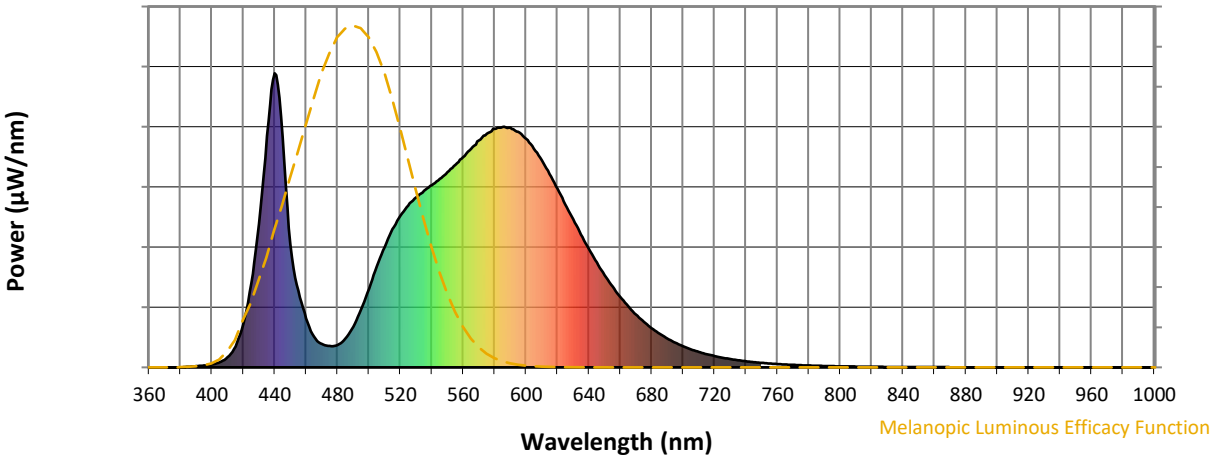


Scotopic Lumens: NR **S/P: 1.47**

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			

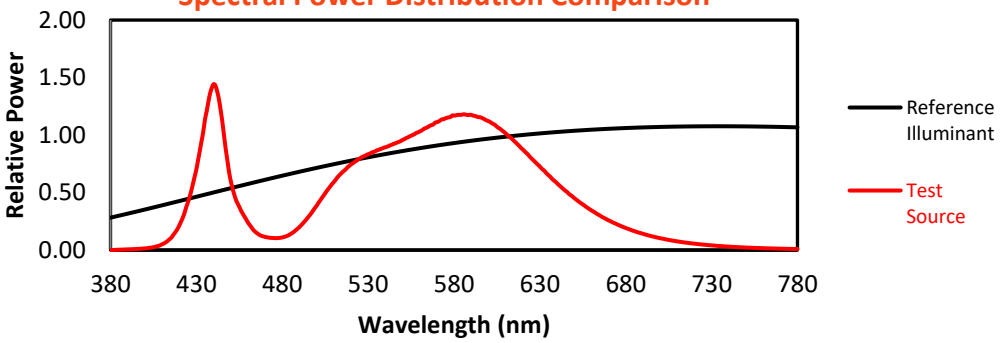
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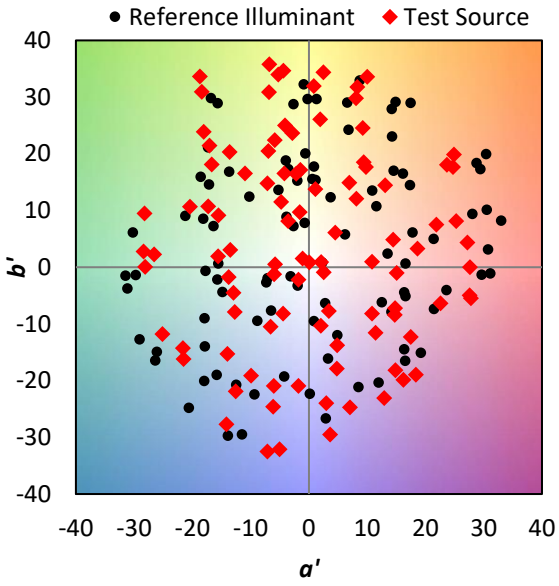
Summary

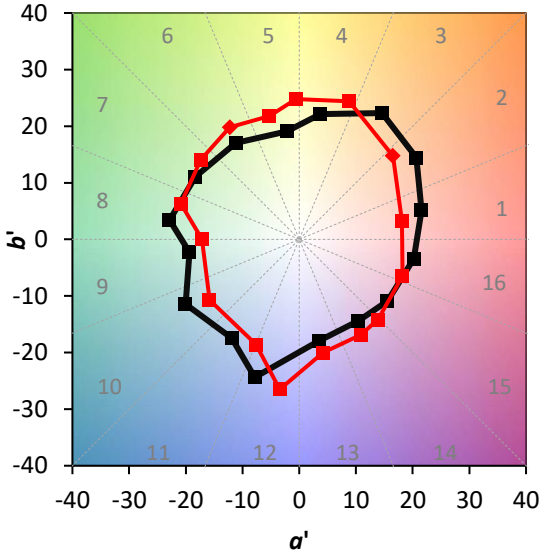
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

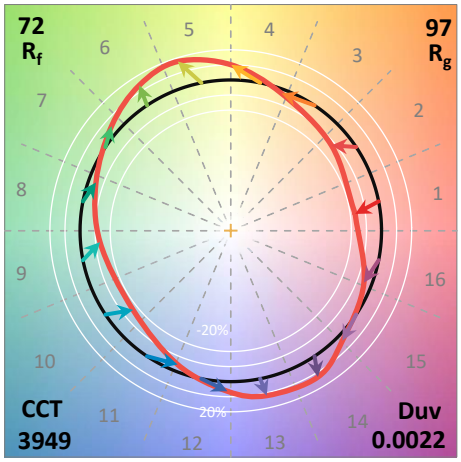
Spectral Power Distribution Comparison

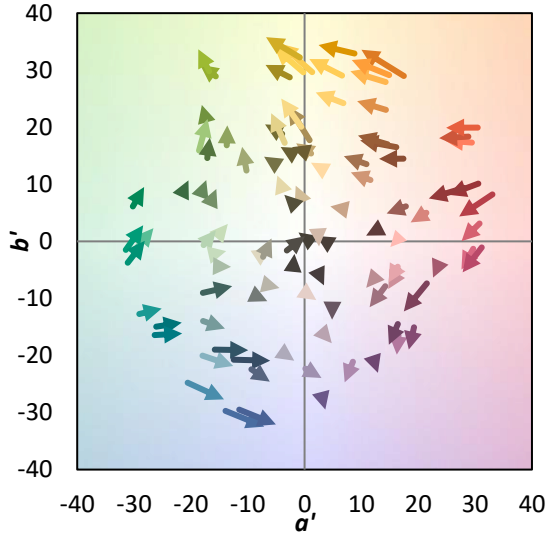


Color Vector Graphics







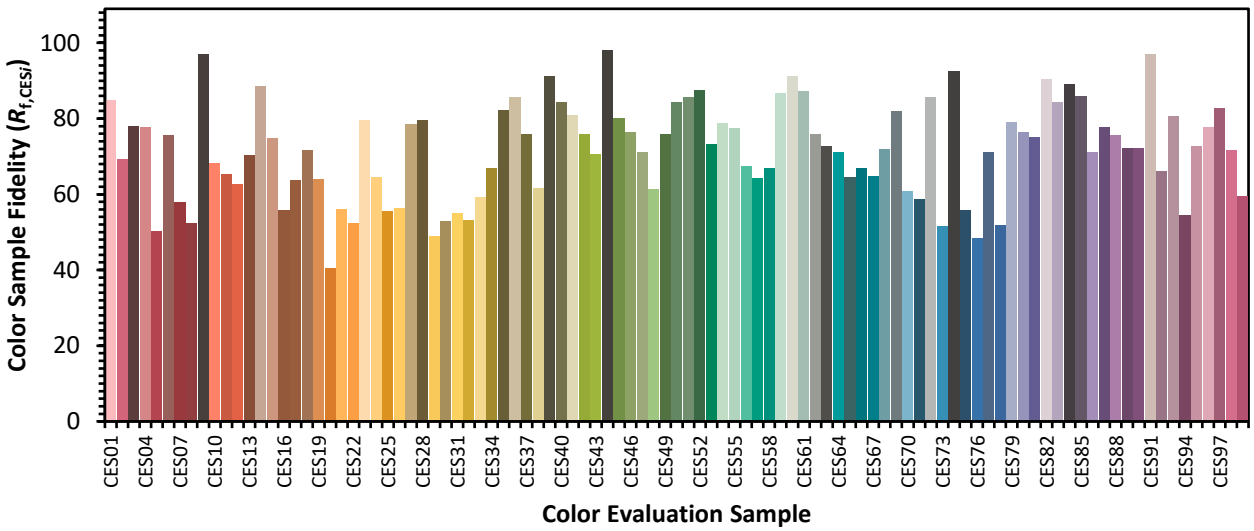


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Individual Sample Fidelity Index ($R_{f,i}$)

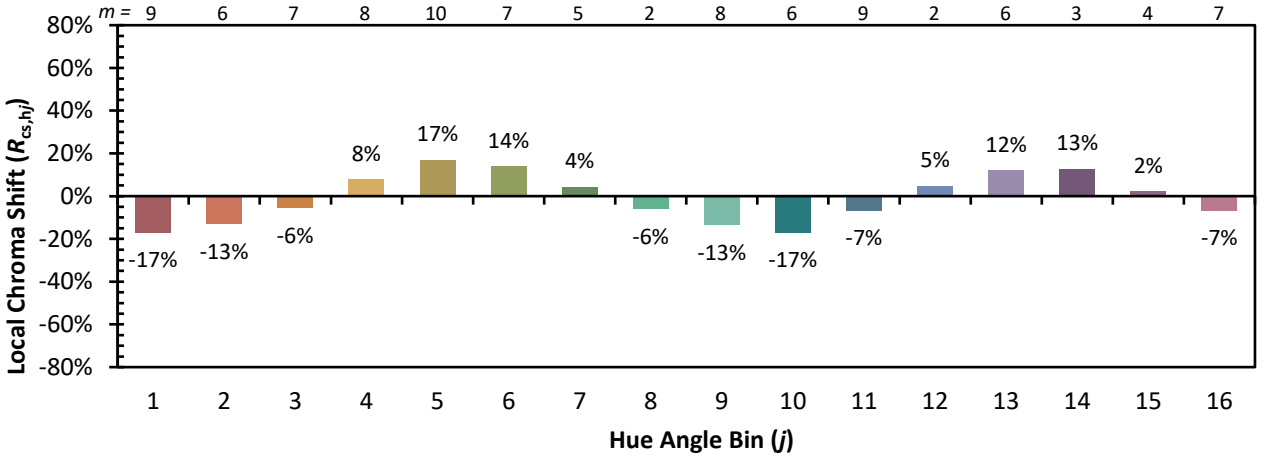
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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	

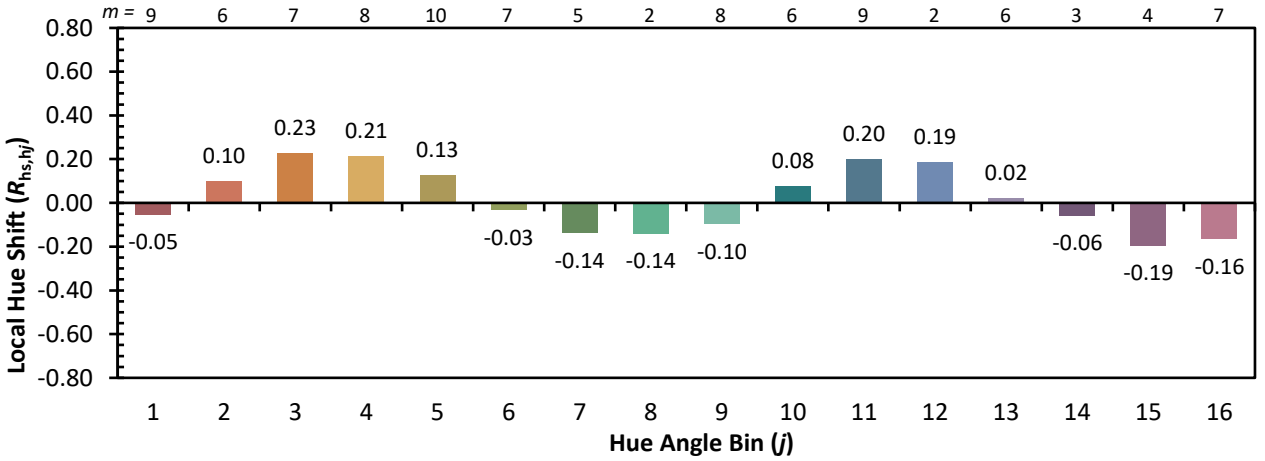


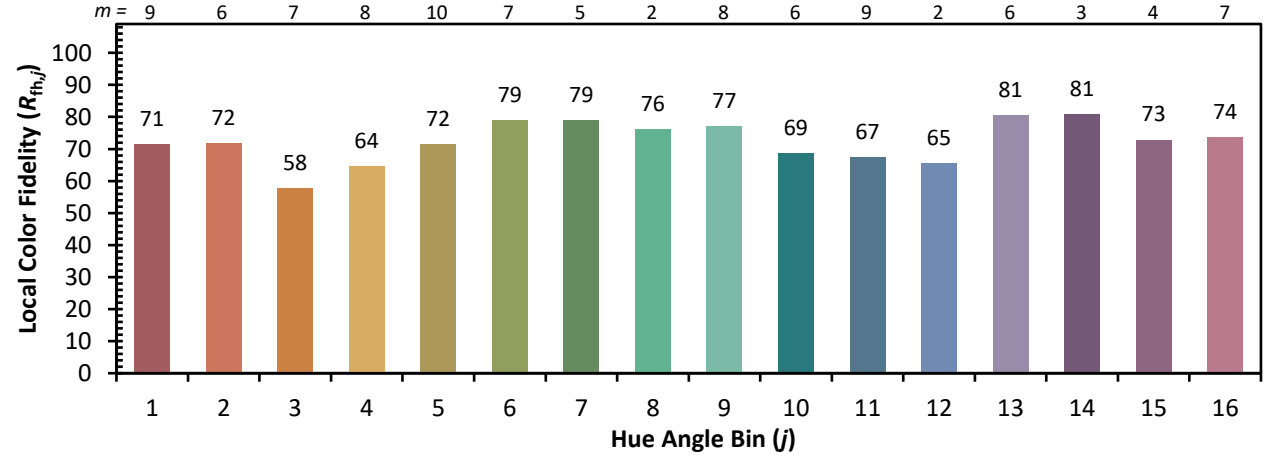
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Color Rendition by Hue-Angle Bin



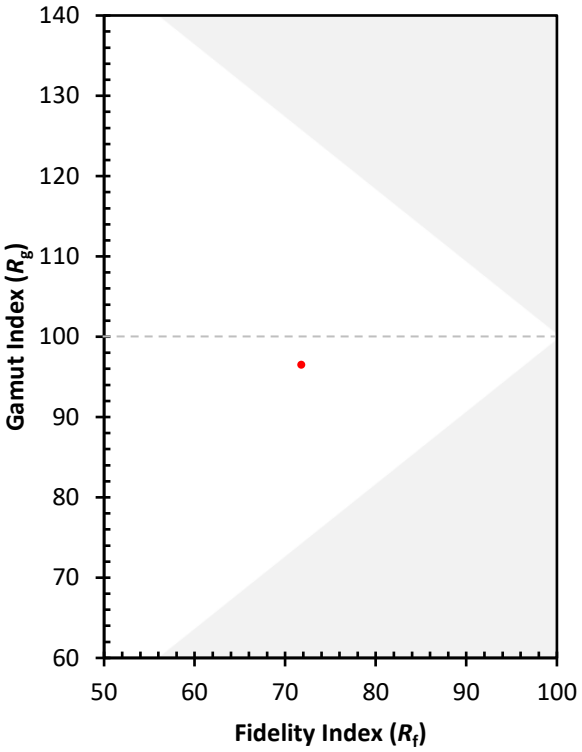


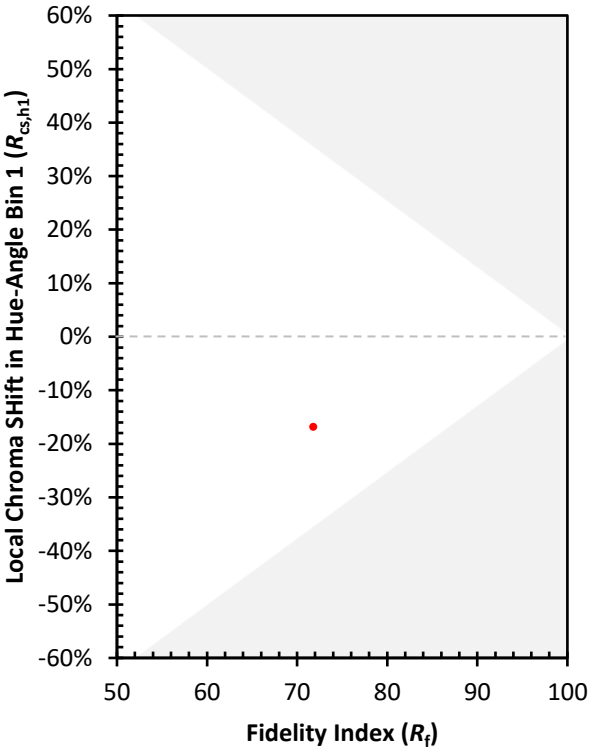


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Measure Comparisons





(END OF REPORT)