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: P1502493

Luminaire Tested: GSS-SB5A-740-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:	P1502493
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-740-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 4000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(130) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18556.8 lumens
Efficiency:	N/A
Efficacy:	129.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

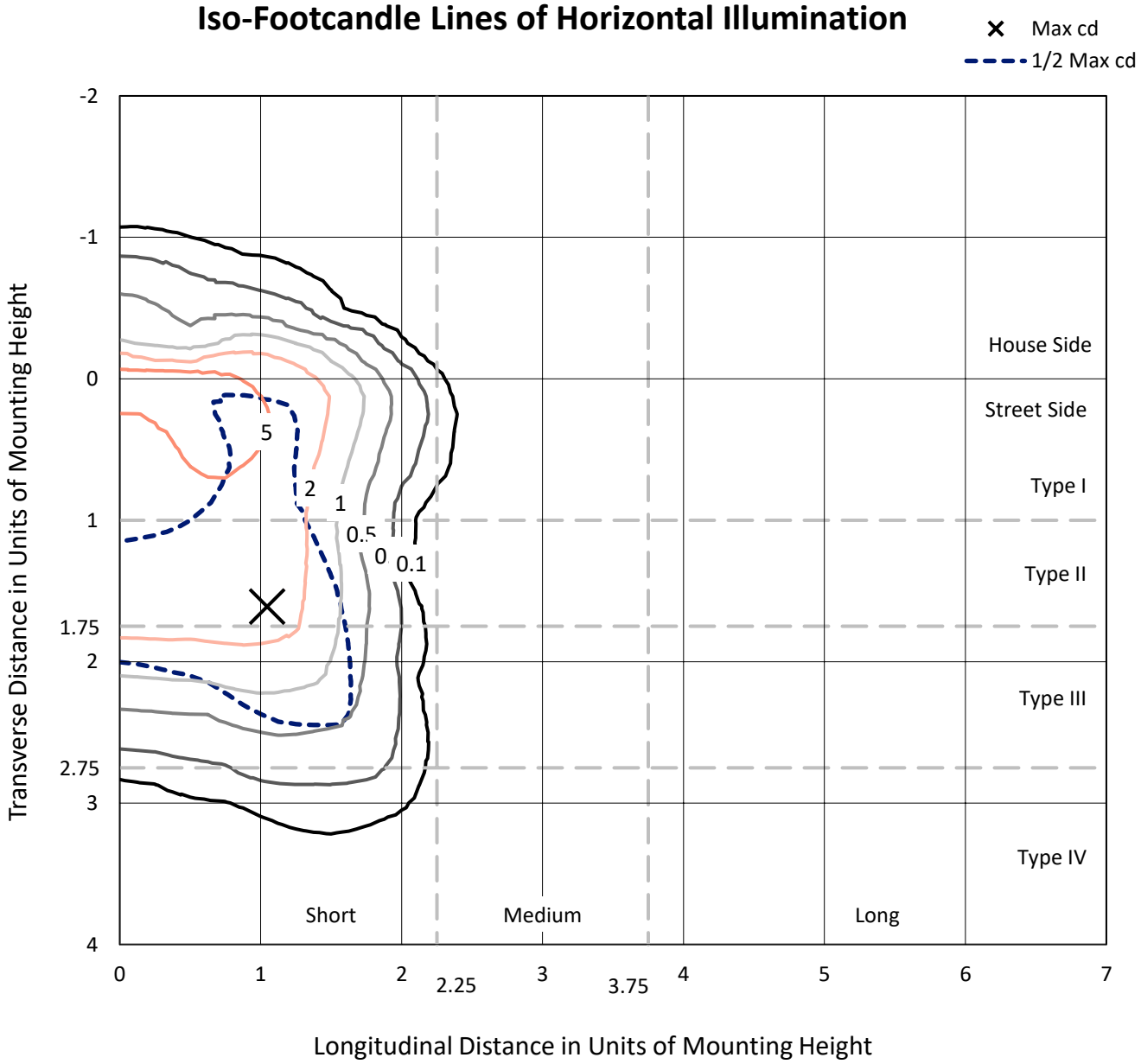
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502493
CATALOG NUMBER: GSS-SB5A-740-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



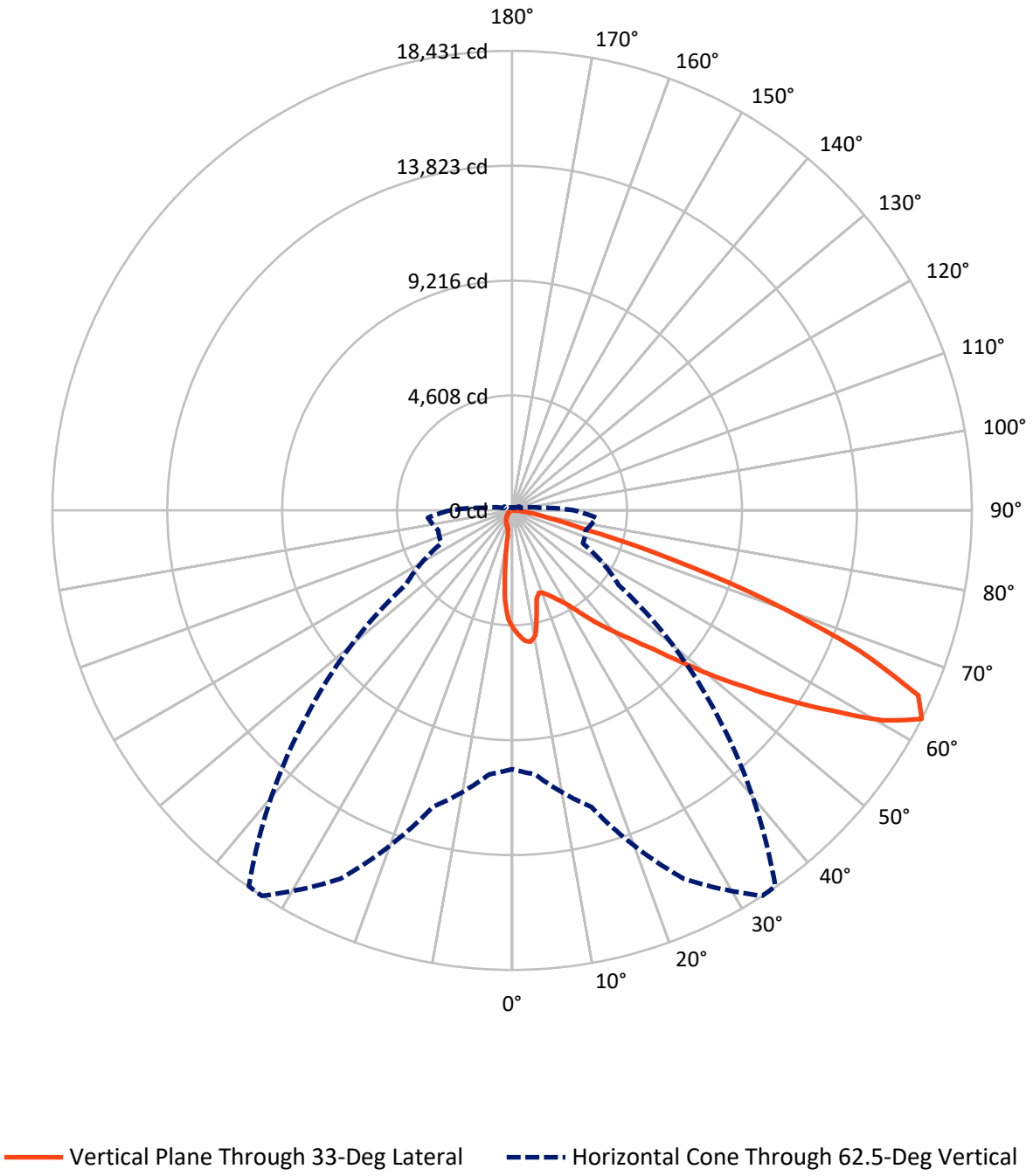
Based on 25 foot mounting height. Maximum calculated value = 9 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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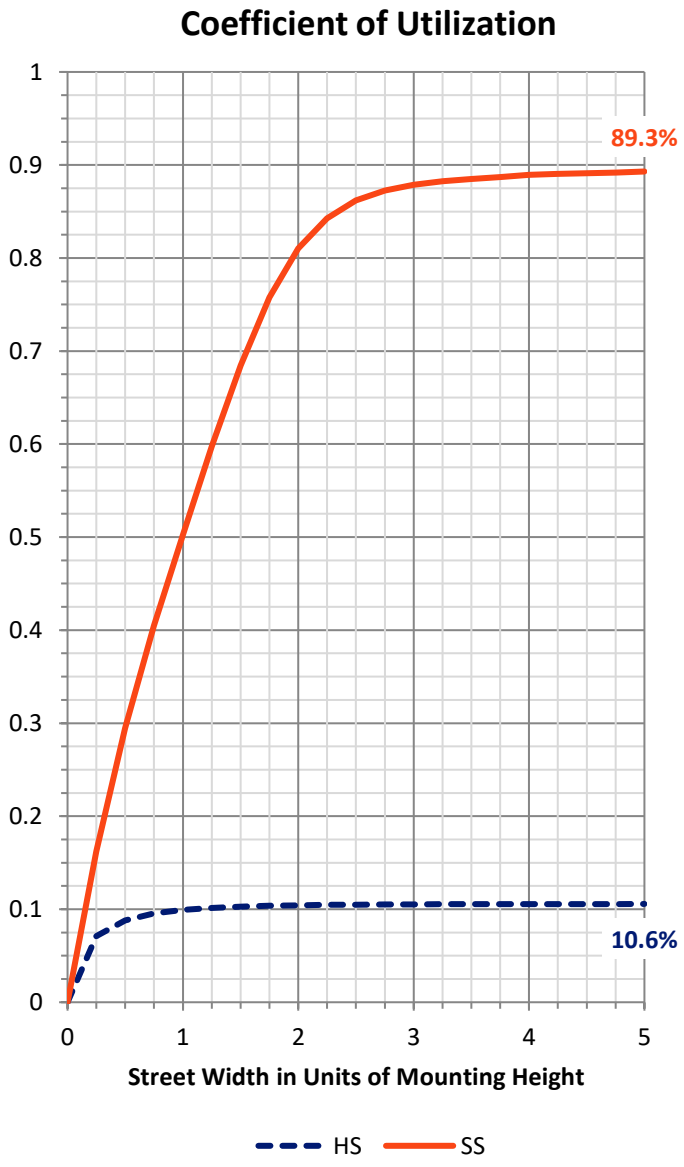
REPORT NUMBER: P1502493
CATALOG NUMBER: GSS-SB5A-740-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1974.6	0.0	1974.6
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	16582.3	0.0	16582.3
	% Fixture	89.4	0.0	89.4
Total	Lumens	18556.8	0.0	18556.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	400.8	2.2
10°-20°	894.3	4.8
20°-30°	1441.3	7.8
30°-40°	2397.7	12.9
40°-50°	3789.7	20.4
50°-60°	5091.4	27.4
60°-70°	3737.6	20.1
70°-80°	739.7	4.0
80°-90°	64.3	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°	18556.8	100.0
0°-180°	18556.8	100.0



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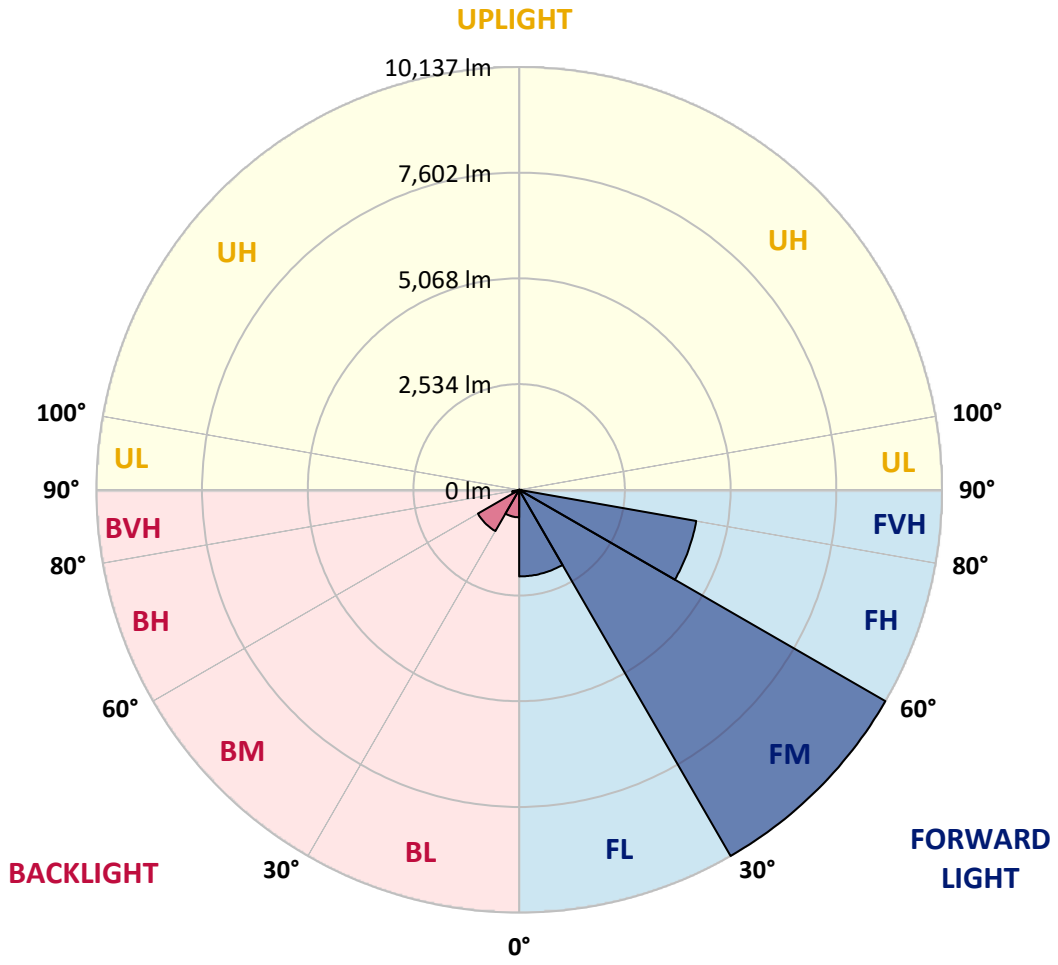
Scaled Data Report

REPORT NUMBER: P1502493
CATALOG NUMBER: GSS-SB5A-740-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2077.5	11.2			
FM	(30°-60°)	10136.6	54.6			
FH	(60°-80°)	4308.7	23.2			G2/5000
FVH	(80°-90°)	59.4	0.3			G1/100
BL	(0°-30°)	658.8	3.6	B2/1000		
BM	(30°-60°)	1142.2	6.2	B2/2500		
BH	(60°-80°)	168.7	0.9	B1/500		G1/500
BVH	(80°-90°)	4.8	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°	4713.6	4713.6	4713.6	4713.6	*4713.6*	4713.6	4713.6	4713.6	4713.6	4713.6	4713.6
2.5°	5022.0	5042.9	5042.9	5001.1	*4990.6*	4969.7	4948.8	4943.6	4875.6	4823.4	4771.1
5°	5278.0	5272.8	5267.6	5246.7	*5251.9*	5225.8	5210.1	5184.0	5069.0	4990.6	4849.5
7.5°	5168.3	5215.3	5236.2	5293.7	*5319.8*	5314.6	5356.4	5366.9	5267.6	5157.8	4943.6
10°	4452.4	4426.2	4614.4	4860.0	*5105.6*	5163.1	5387.8	5508.0	5471.4	5372.1	5095.1
12.5°	3527.4	3553.5	3684.2	3971.6	*4374.0*	4499.4	5147.4	5622.9	5727.4	5664.7	5304.2
15°	3229.5	3229.5	3297.5	3433.3	*3673.7*	3793.9	4593.5	5607.3	5999.2	6004.4	5565.4
17.5°	3166.8	3177.3	3234.8	3323.6	*3480.4*	3532.6	4091.8	5377.3	6265.7	6359.8	5858.1
20°	3177.3	3192.9	3255.7	3381.1	*3532.6*	3595.3	3961.1	5084.7	6490.4	6746.5	6166.4
22.5°	3213.9	3208.6	3318.4	3485.6	*3678.9*	3736.4	4070.9	4964.5	6678.5	7190.7	6527.0
25°	3255.7	3260.9	3402.0	3637.1	*3872.3*	3940.2	4316.5	5074.2	6814.4	7666.2	6892.8
27.5°	3381.1	3396.8	3569.2	3825.3	*4102.2*	4191.1	4635.3	5361.6	7049.6	8126.1	7290.0
30°	3574.4	3590.1	3788.7	4097.0	*4394.9*	4530.7	5032.4	5722.2	7399.7	8659.1	7697.6
32.5°	3799.1	3820.0	4076.1	4431.5	*4792.0*	4922.7	5487.1	6270.9	7864.8	9202.6	8120.9
35°	4081.3	4138.8	4415.8	4839.1	*5325.1*	5450.5	6046.2	6892.8	8471.0	9688.6	8481.4
37.5°	4468.0	4515.1	4854.7	5382.5	*5873.8*	6041.0	6673.3	7546.0	9019.7	10122.3	8774.1
40°	4938.4	4980.2	5361.6	5936.5	*6448.6*	6589.7	7331.8	8204.5	9610.2	10362.7	8836.8
42.5°	5722.2	5837.2	6077.6	6563.6	*7112.3*	7290.0	8063.4	8842.0	10038.7	10409.7	8737.5
45°	7091.4	7128.0	7180.2	7410.1	*7938.0*	8094.7	8836.8	9395.9	10294.8	10420.2	8648.7
47.5°	8403.0	8528.5	8601.6	8706.1	*9024.9*	9082.4	9646.8	9892.4	10498.6	10383.6	8648.7
50°	9714.7	9808.8	9934.2	10059.6	*10399.3*	10420.2	10503.8	10226.8	10509.0	10085.7	8596.4
52.5°	10906.2	10937.5	11151.8	11392.2	*11815.5*	11930.4	11298.1	10472.5	9876.7	9145.1	8350.8
55°	11972.2	12014.1	12338.1	12829.3	*13435.5*	13587.0	12270.1	9996.9	8523.2	7927.5	7781.2
57.5°	12662.1	12761.3	13409.3	14491.1	*15175.6*	15107.7	13022.6	8883.8	6845.8	6485.2	6772.6
60°	12317.2	12453.0	13816.9	15886.4	*17104.0*	16905.4	12813.6	7310.9	5058.5	4797.3	5361.6
62.5°	*10378.4*	*10629.2*	*12317.2*	*16299.2*	*18431.3*	*18400.0*	*11632.6*	*5215.3*	*3135.5*	*3067.5*	*3386.3*
65°	7216.8	7650.5	9652.0	14919.6	*17898.3*	17945.3	9793.1	3036.2	1452.8	1802.9	1980.6
67.5°	4253.8	4562.1	6218.7	12181.3	*15018.9*	14585.1	6657.6	1405.7	726.4	1097.4	1050.4
70°	1870.8	2079.9	3564.0	8439.6	*10942.8*	10242.5	3250.4	684.6	553.9	663.7	580.1
72.5°	1029.5	1123.5	1876.1	4457.6	*6657.6*	6328.4	1097.4	454.6	475.5	496.4	418.1
75°	574.8	616.6	987.7	2576.3	*2926.4*	2722.6	533.0	297.9	402.4	402.4	308.3
77.5°	334.4	371.0	616.6	1604.3	*1604.3*	1296.0	324.0	188.1	303.1	271.7	167.2
80°	156.8	177.7	339.7	888.4	*1013.8*	836.1	182.9	130.6	198.6	172.5	109.7
82.5°	47.0	57.5	167.2	344.9	*574.8*	491.2	94.1	83.6	146.3	109.7	62.7
85°	31.4	36.6	83.6	141.1	*282.2*	245.6	31.4	26.1	62.7	52.3	26.1
87.5°	5.2	5.2	10.5	10.5	*10.5*	10.5	5.2	5.2	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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CATALOG NUMBER: GSS-SB5A-740-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4713.6	4713.6	4713.6	4713.6	4713.6	4713.6	4713.6	4713.6	4713.6	4713.6	4713.6
2.5°	4739.8	4703.2	4619.6	4541.2	4499.4	4405.3	4368.7	4326.9	4306.0	4300.8	4269.5
5°	4760.7	4692.7	4483.7	4274.7	4055.2	3846.2	3631.9	3443.8	3292.2	3297.5	3302.7
7.5°	4823.4	4687.5	4321.7	3903.7	3433.3	2889.9	2309.8	1876.1	1599.1	1541.6	1489.3
10°	4907.0	4708.4	4123.1	3349.7	2424.8	1525.9	1076.5	919.7	851.8	836.1	841.3
12.5°	5063.8	4760.7	3872.3	2586.8	1343.0	877.9	778.6	752.5	742.1	742.1	742.1
15°	5257.1	4833.8	3480.4	1693.2	877.9	731.6	710.7	705.5	695.0	695.0	700.3
17.5°	5419.1	4833.8	2963.0	1102.6	721.2	679.4	663.7	658.4	658.4	663.7	658.4
20°	5596.8	4797.3	2383.0	830.9	668.9	632.3	621.9	621.9	621.9	627.1	627.1
22.5°	5779.7	4734.6	1844.7	710.7	621.9	590.5	585.3	590.5	595.7	601.0	601.0
25°	5983.5	4656.2	1458.0	658.4	580.1	553.9	553.9	553.9	559.2	569.6	574.8
27.5°	6208.2	4588.2	1249.0	627.1	543.5	517.4	517.4	522.6	533.0	538.3	543.5
30°	6417.3	4588.2	1181.0	642.8	527.8	496.4	486.0	491.2	501.7	512.1	512.1
32.5°	6678.5	4640.5	1217.6	710.7	522.6	465.1	454.6	454.6	465.1	470.3	470.3
35°	6898.0	4739.8	1343.0	804.8	543.5	439.0	418.1	412.8	423.3	418.1	423.3
37.5°	7075.7	4875.6	1573.0	930.2	585.3	407.6	381.5	365.8	365.8	365.8	365.8
40°	7128.0	5011.5	1865.6	1013.8	580.1	371.0	334.4	318.8	313.5	308.3	308.3
42.5°	7054.8	5074.2	2100.8	1008.6	517.4	344.9	297.9	277.0	261.3	256.1	256.1
45°	6997.3	5105.6	2184.4	877.9	470.3	313.5	266.5	240.4	224.7	219.5	214.3
47.5°	7002.5	5136.9	2059.0	715.9	428.5	287.4	240.4	214.3	198.6	193.4	188.1
50°	7023.4	5084.7	1745.4	595.7	391.9	261.3	214.3	193.4	177.7	172.5	167.2
52.5°	6804.0	4807.7	1228.1	522.6	360.6	245.6	193.4	177.7	162.0	156.8	156.8
55°	6229.1	4144.0	830.9	465.1	334.4	224.7	177.7	167.2	151.5	141.1	141.1
57.5°	5309.4	3125.0	574.8	423.3	292.6	203.8	167.2	151.5	135.9	125.4	125.4
60°	4060.4	2038.1	418.1	386.7	240.4	188.1	156.8	146.3	125.4	115.0	109.7
62.5°	*2471.8*	*1144.4*	*339.7*	*339.7*	*203.8*	*177.7*	*141.1*	*130.6*	*109.7*	*94.1*	*88.8*
65°	1431.9	674.1	277.0	287.4	177.7	162.0	125.4	109.7	88.8	73.2	67.9
67.5°	689.8	391.9	219.5	203.8	156.8	135.9	109.7	94.1	78.4	62.7	57.5
70°	423.3	303.1	167.2	146.3	125.4	104.5	88.8	83.6	67.9	52.3	52.3
72.5°	344.9	245.6	130.6	104.5	94.1	73.2	73.2	67.9	52.3	41.8	36.6
75°	271.7	182.9	99.3	73.2	57.5	57.5	52.3	47.0	41.8	31.4	31.4
77.5°	146.3	125.4	73.2	41.8	31.4	36.6	36.6	31.4	26.1	20.9	20.9
80°	94.1	73.2	41.8	20.9	20.9	20.9	20.9	15.7	15.7	10.5	10.5
82.5°	47.0	36.6	20.9	5.2	10.5	10.5	10.5	10.5	10.5	5.2	5.2
85°	10.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
87.5°	0.0	0.0	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2
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

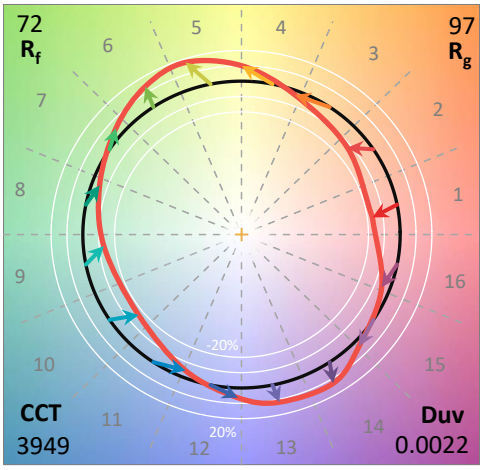
Test Information

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

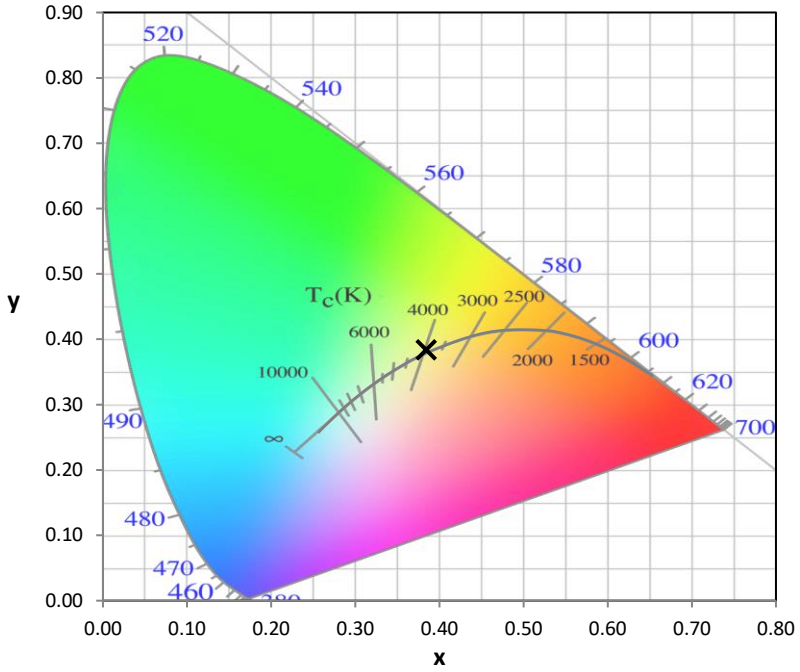
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

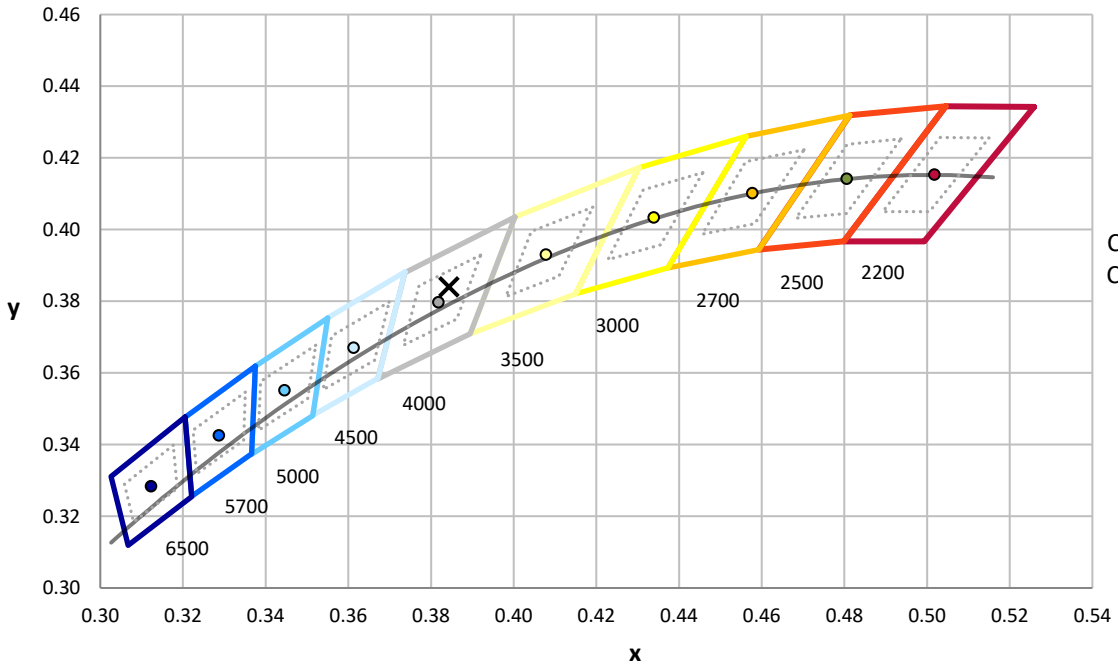
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

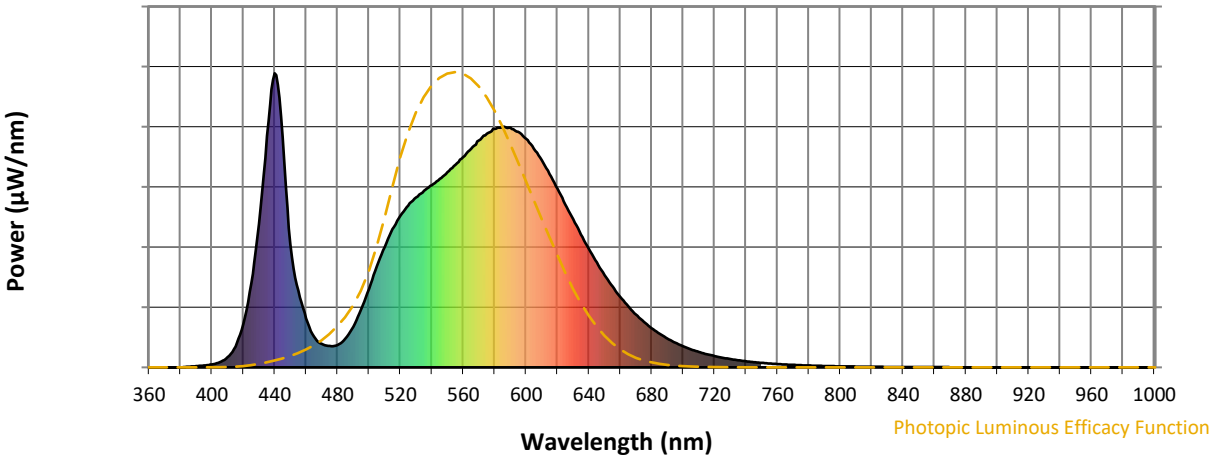


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

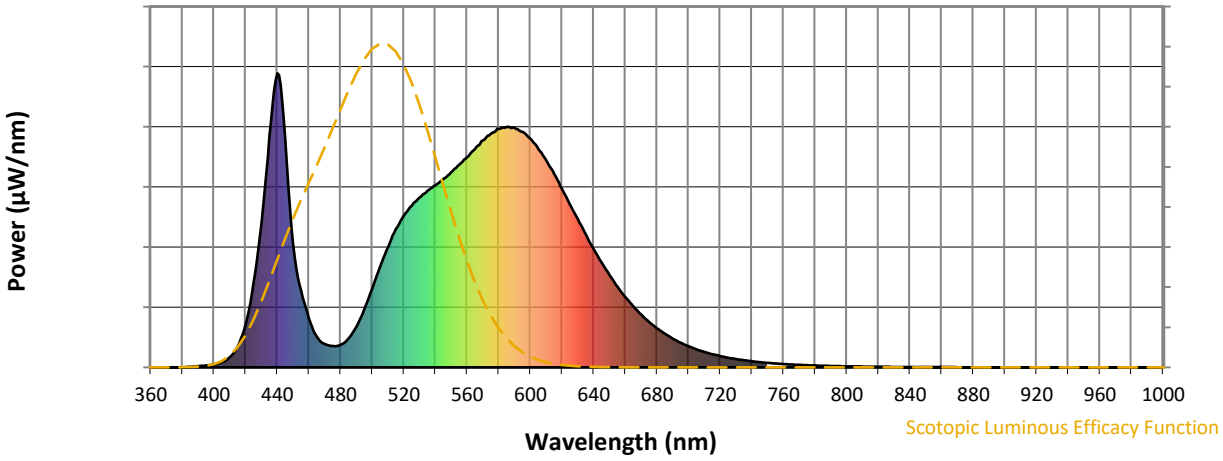


Photopic Lumens: NR

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

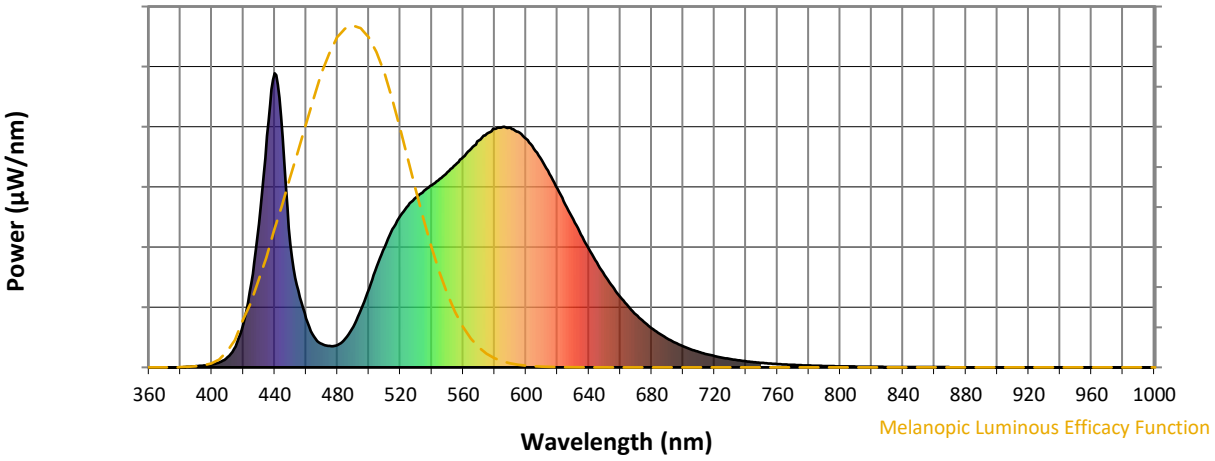


Scotopic Lumens: NR **S/P: 1.47**

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			

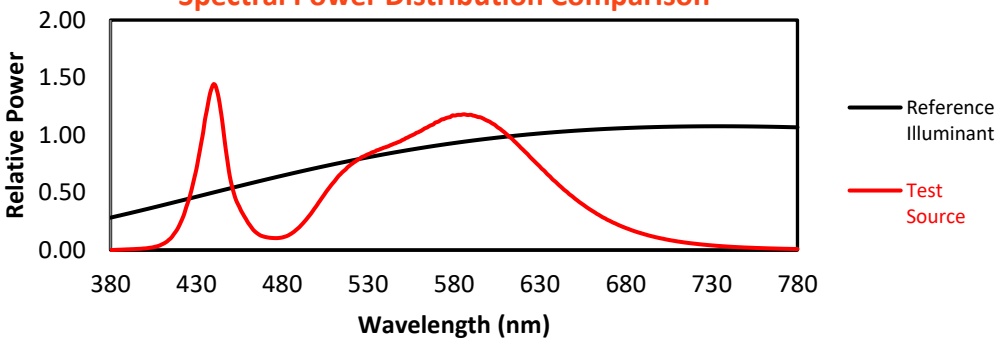
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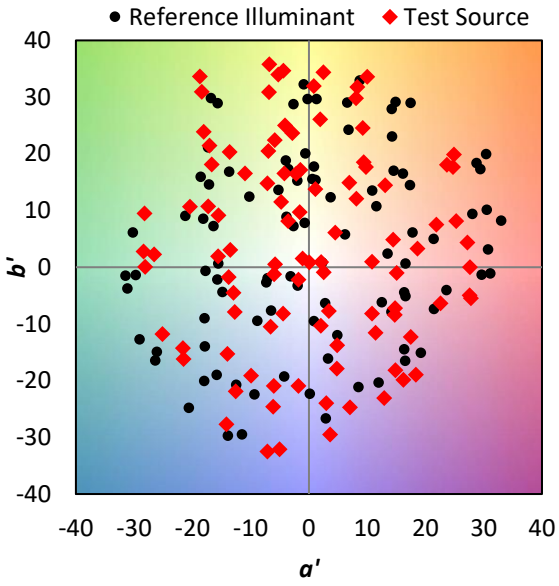
Summary

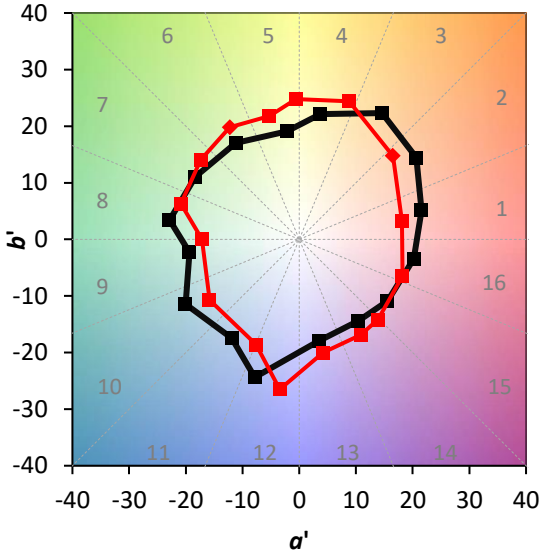
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

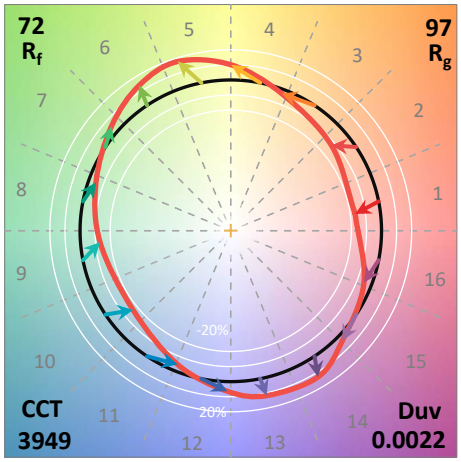
Spectral Power Distribution Comparison

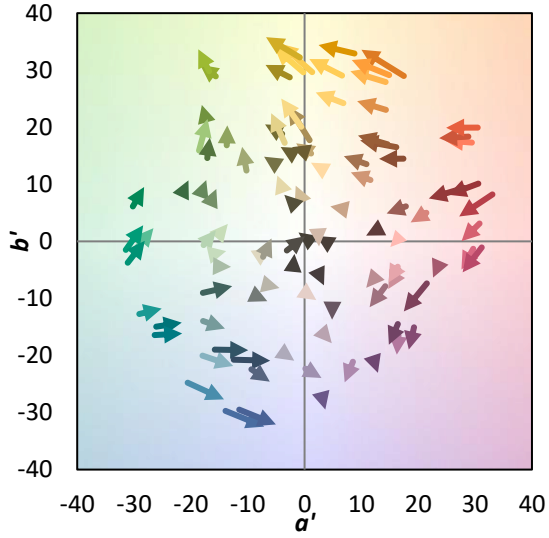


Color Vector Graphics







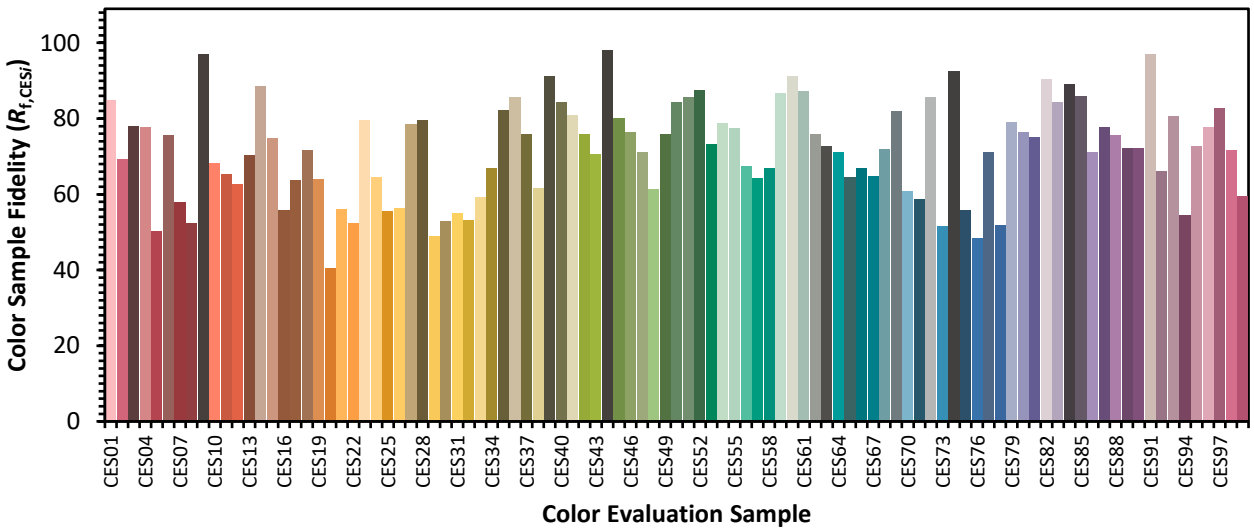


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Individual Sample Fidelity Index ($R_{f,i}$)

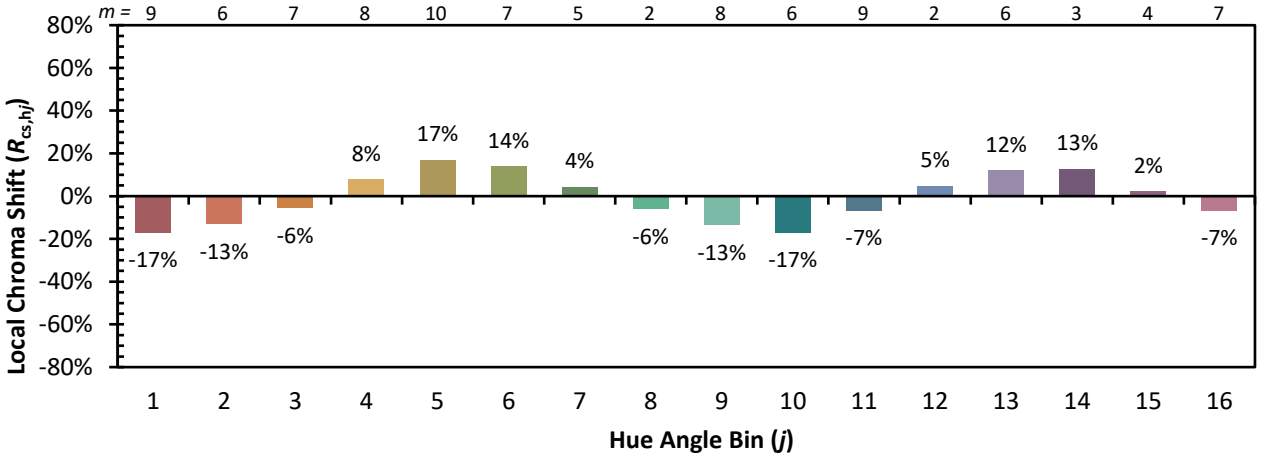
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

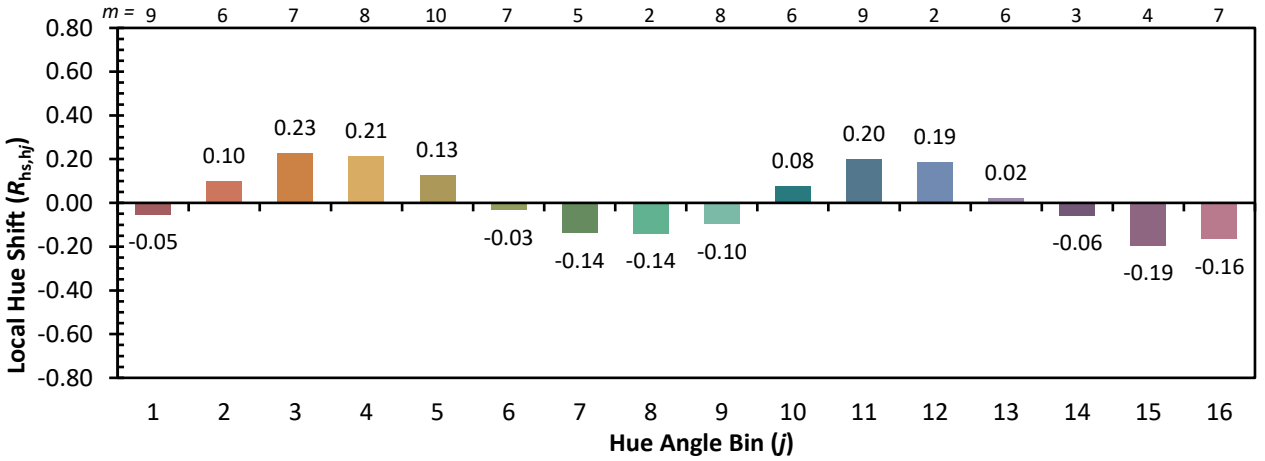


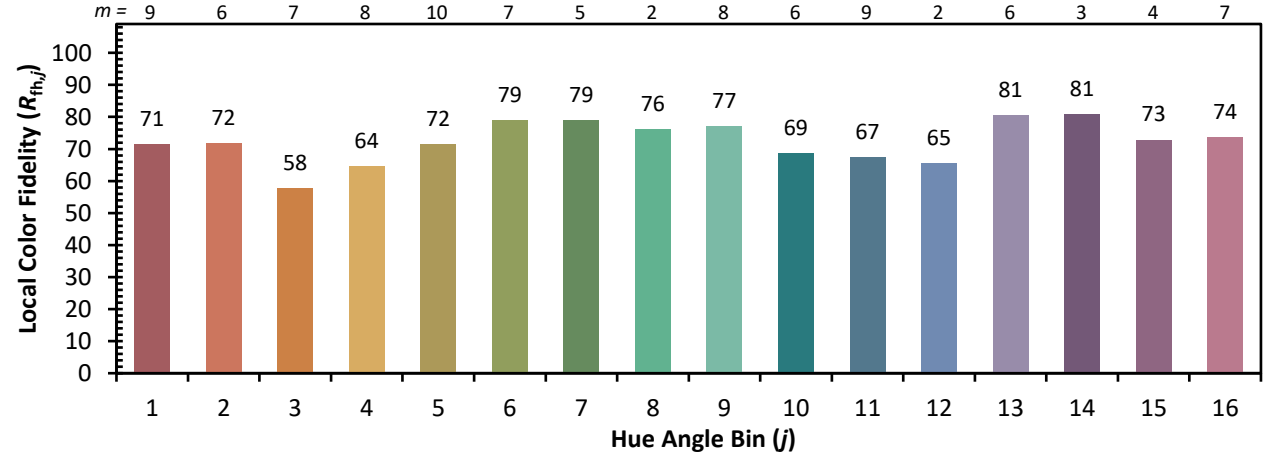
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Color Rendition by Hue-Angle Bin



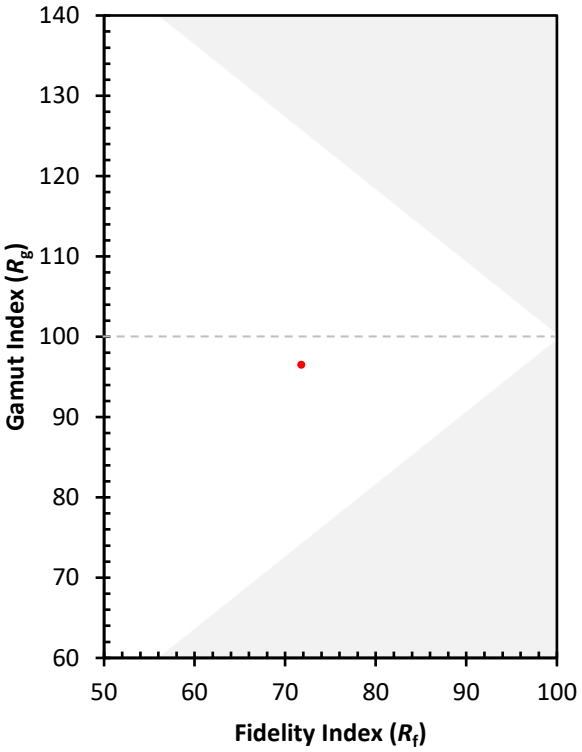


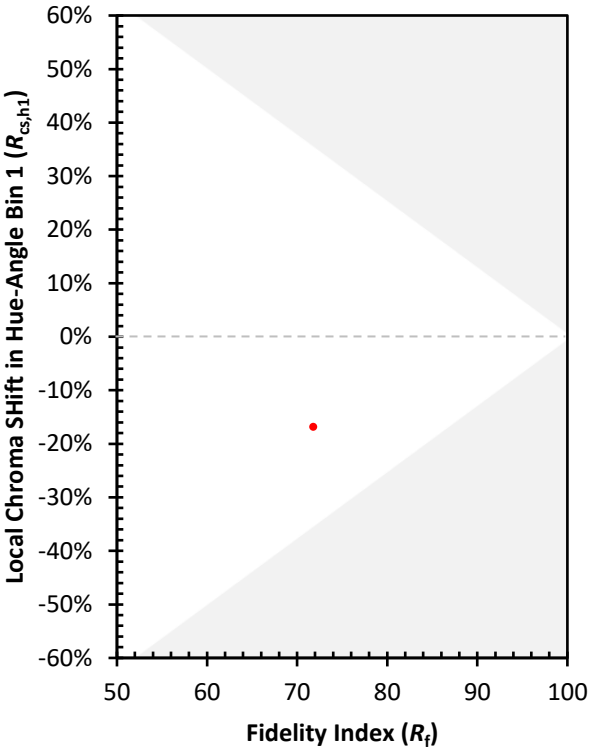


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Measure Comparisons





(END OF REPORT)