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: P1502109

Luminaire Tested: GSS-SB5A-740-U-T3LG-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:	P1502109
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-740-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 4000K FIXTURE w/ TYPE III 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:	19266.5 lumens
Efficiency:	N/A
Efficacy:	134.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

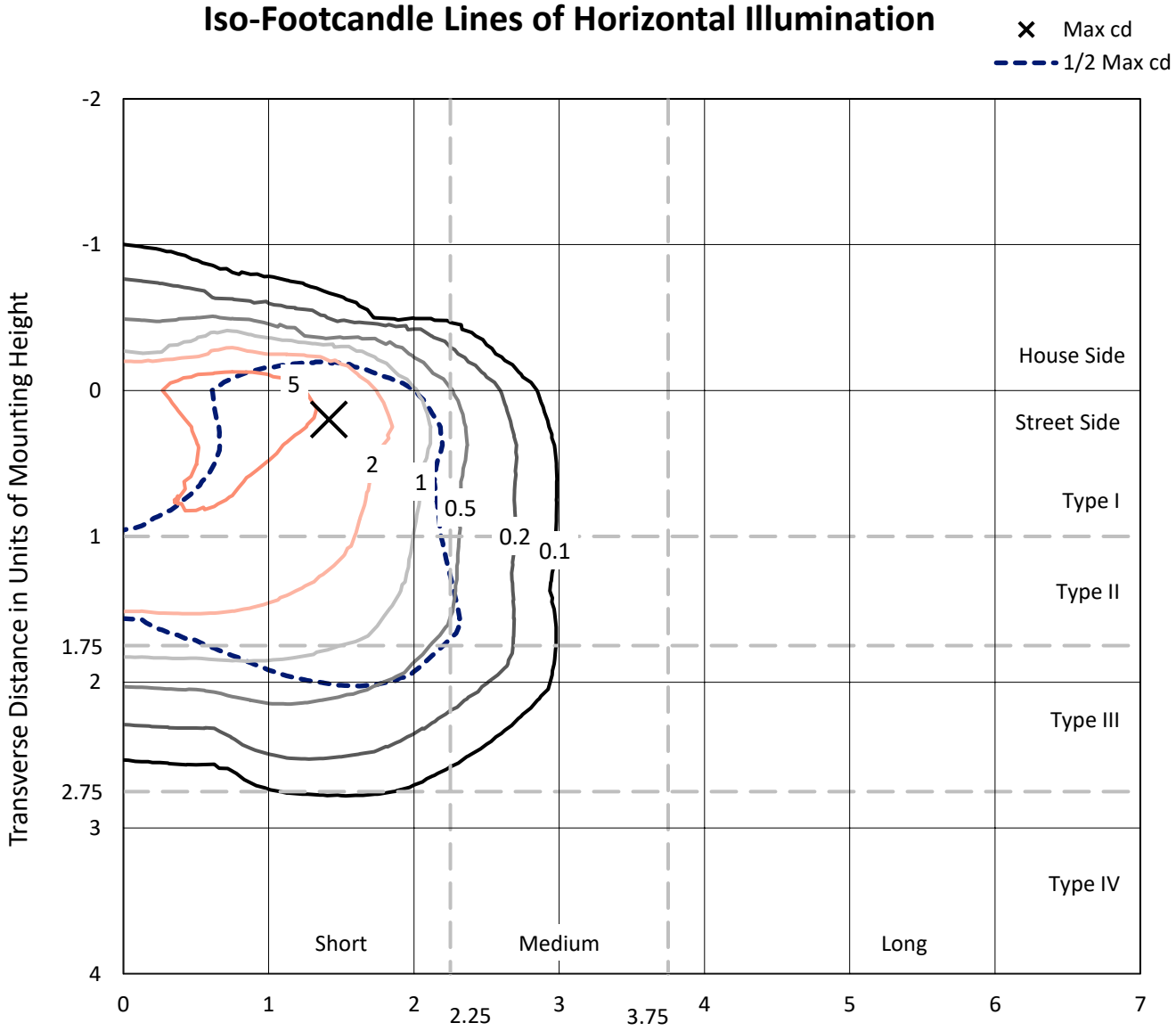
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502109
CATALOG NUMBER: GSS-SB5A-740-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



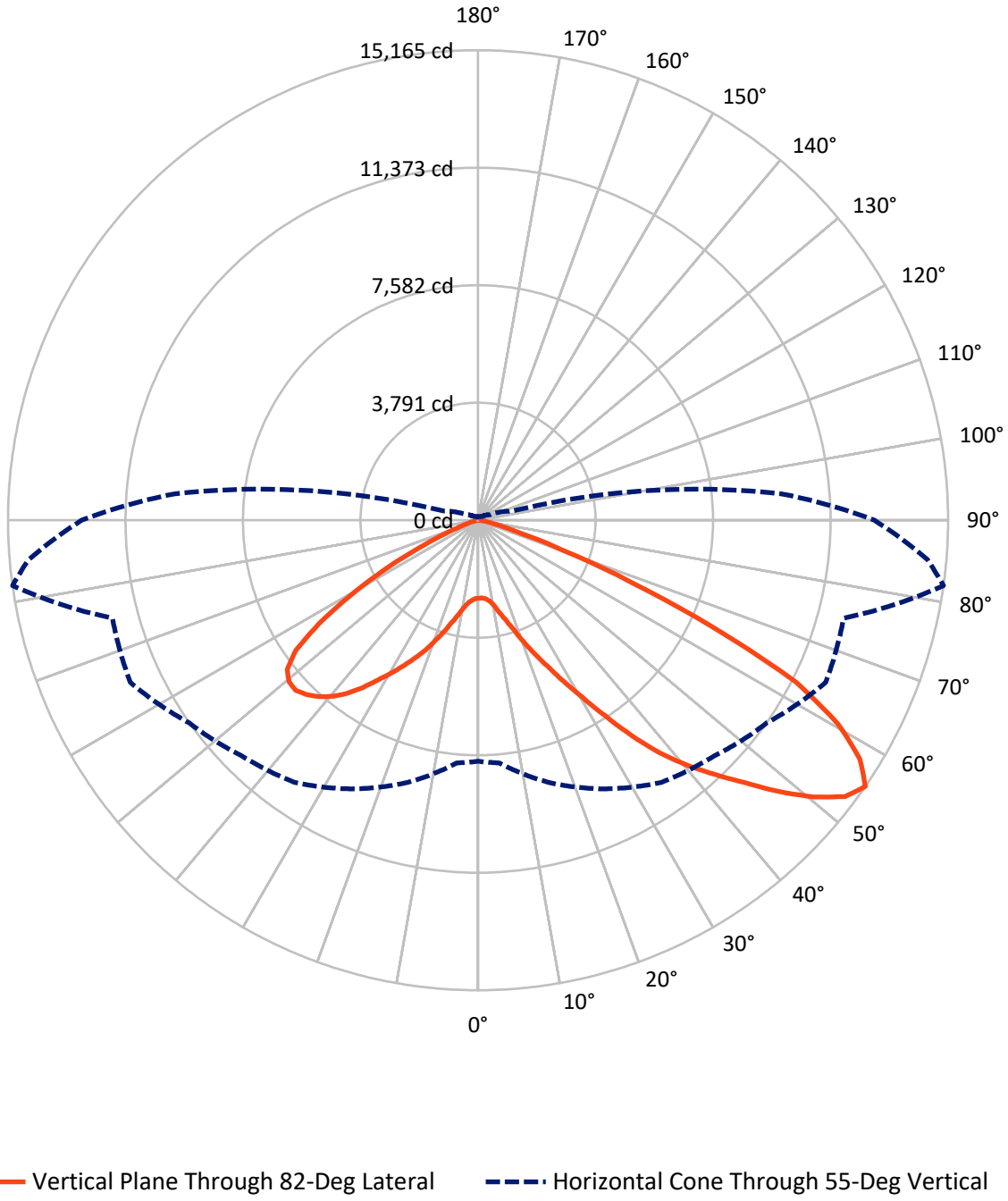
Based on 25 foot mounting height. Maximum calculated value = 7.5 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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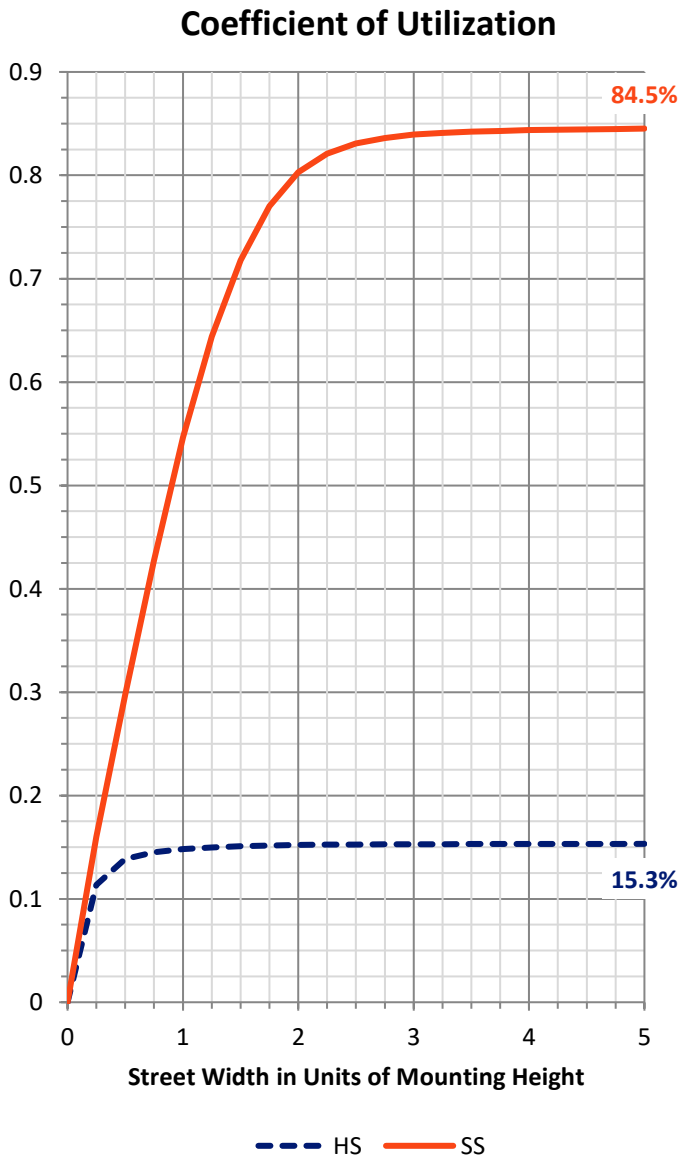
REPORT NUMBER: P1502109
CATALOG NUMBER: GSS-SB5A-740-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2978.0	0.0	2978.0
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	16288.5	0.0	16288.5
	% Fixture	84.5	0.0	84.5
Total	Lumens	19266.5	0.0	19266.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	228.0	1.2
10°-20°	617.2	3.2
20°-30°	1233.9	6.4
30°-40°	2555.1	13.3
40°-50°	4268.3	22.2
50°-60°	5413.6	28.1
60°-70°	4047.0	21.0
70°-80°	857.2	4.4
80°-90°	46.2	0.2
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°	19266.5	100.0
0°-180°	19266.5	100.0



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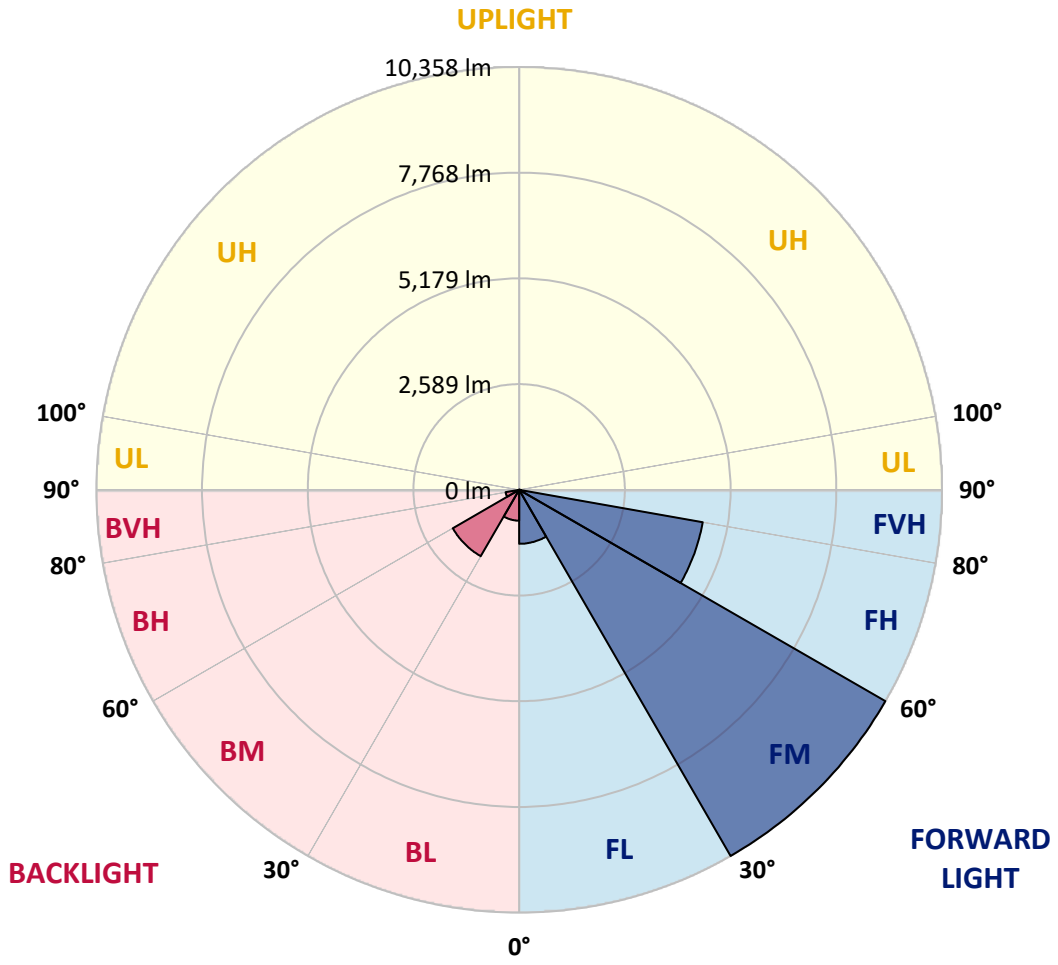
Scaled Data Report

REPORT NUMBER: P1502109
CATALOG NUMBER: GSS-SB5A-740-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1323.2	6.9			
FM	(30°-60°)	10358.0	53.8			
FH	(60°-80°)	4566.1	23.7			G2/5000
FVH	(80°-90°)	41.3	0.2			G1/100
BL	(0°-30°)	755.9	3.9	B2/1000		
BM	(30°-60°)	1879.0	9.8	B2/2500		
BH	(60°-80°)	338.1	1.8	B1/500		G1/500
BVH	(80°-90°)	4.9	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°	35°	45°	55°	65°	75°	82°	85°
0°	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	*2515.2*	2515.2
2.5°	2447.3	2452.5	2442.0	2447.3	2457.7	2452.5	2473.4	2489.1	2504.8	*2510.0*	2515.2
5°	2232.9	2238.1	2243.3	2285.2	2311.3	2374.0	2431.6	2468.2	2520.5	*2546.6*	2551.8
7.5°	1976.6	1976.6	1997.5	2049.8	2117.8	2238.1	2368.8	2473.4	2572.8	*2625.0*	2635.5
10°	1929.6	1934.8	1934.8	1971.4	2028.9	2149.2	2316.5	2525.7	2703.5	*2781.9*	2808.1
12.5°	1940.0	1945.3	1950.5	1987.1	2044.6	2149.2	2363.6	2635.5	2912.7	*3043.4*	3059.1
15°	1966.2	1976.6	1992.3	2039.4	2102.1	2238.1	2462.9	2792.4	3163.7	*3331.0*	3372.8
17.5°	2044.6	2049.8	2076.0	2128.3	2227.6	2363.6	2609.4	2996.3	3514.0	*3697.0*	3775.5
20°	2164.9	2175.3	2211.9	2285.2	2400.2	2572.8	2844.7	3263.0	3890.5	*4172.9*	4235.6
22.5°	2316.5	2316.5	2368.8	2483.9	2646.0	2839.4	3168.9	3618.6	4350.7	*4680.1*	4784.7
25°	2567.5	2562.3	2604.1	2734.9	2928.3	3210.7	3545.4	4042.2	4831.8	*5224.0*	5333.8
27.5°	3142.7	3127.0	3111.4	3116.6	3283.9	3644.7	4031.7	4575.5	5427.9	*5888.1*	5971.7
30°	3812.1	3833.0	3812.1	3759.8	3785.9	4120.6	4601.7	5229.2	6097.2	*6614.9*	6724.7
32.5°	4397.7	4408.2	4497.1	4554.6	4575.5	4732.4	5260.6	6018.8	6949.6	*7514.3*	7655.5
35°	5035.7	5051.4	5150.7	5271.0	5459.3	5600.5	6086.8	6933.9	7817.6	*8528.8*	8633.4
37.5°	5778.2	5804.4	5935.1	6107.7	6369.1	6693.4	6954.8	7765.3	8701.4	*9522.3*	9632.1
40°	6431.9	6515.6	6740.4	6960.0	7237.2	7603.2	7775.8	8492.2	9355.0	*10400.8*	10583.9
42.5°	7048.9	7096.0	7456.8	7796.7	8126.1	8424.2	8591.5	9062.2	9935.4	*11216.6*	11420.5
45°	7561.4	7598.0	8000.6	8450.4	8858.2	9156.3	9182.4	9616.5	10510.7	*12079.4*	12236.3
47.5°	7875.1	7932.7	8450.4	8962.8	9412.5	9689.7	9647.8	10322.4	11138.2	*13083.4*	13104.3
50°	8063.4	8100.0	8628.1	9292.3	9846.5	10040.0	10128.9	10997.0	11708.1	*14035.1*	13909.6
52.5°	8199.4	8256.9	8774.6	9480.5	10102.8	10364.2	10683.2	11755.2	12157.8	*14814.3*	14479.6
55°	*7775.8*	*7859.5*	*8753.6*	*9564.2*	*10322.4*	*10761.7*	*11389.2*	*12377.5*	*12210.1*	*15164.6*	*14552.8*
57.5°	7299.9	7315.6	8199.4	9538.0	10568.2	11180.0	12037.6	12424.5	11723.8	*14526.7*	13810.3
60°	6599.2	6693.4	7598.0	9198.1	10610.0	11514.7	12476.8	11854.6	10834.9	*13344.9*	12267.7
62.5°	4633.1	4779.5	5961.3	8303.9	10311.9	11697.7	12403.6	10861.0	9721.0	*11519.9*	10311.9
65°	2593.7	2719.2	3686.6	6698.6	9491.0	11655.8	11650.6	9532.8	7932.7	*8324.9*	7373.1
67.5°	1422.3	1521.7	1913.9	5040.9	7530.0	10761.7	10066.2	7273.8	5318.1	*5286.7*	4601.7
70°	993.5	998.8	1207.9	3404.2	5412.2	7509.1	7869.9	4878.8	3299.6	*2917.9*	2462.9
72.5°	486.3	491.5	601.4	1605.4	3310.1	4162.4	5396.5	2536.2	1851.1	*1448.5*	1234.1
75°	245.8	240.5	329.4	601.4	1370.0	2028.9	2379.3	1270.7	1077.2	*794.8*	705.9
77.5°	156.9	162.1	193.5	329.4	617.0	789.6	732.1	690.3	632.7	*465.4*	402.6
80°	104.6	104.6	130.7	209.2	303.3	376.5	224.9	319.0	371.3	*271.9*	235.3
82.5°	31.4	31.4	78.4	115.0	146.4	151.6	99.4	146.4	209.2	*151.6*	115.0
85°	20.9	20.9	41.8	57.5	62.8	52.3	31.4	62.8	99.4	*68.0*	57.5
87.5°	0.0	0.0	0.0	5.2	5.2	5.2	5.2	5.2	5.2	*5.2*	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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REPORT NUMBER: P1502109
CATALOG NUMBER: GSS-SB5A-740-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2	2515.2
2.5°	2520.5	2525.7	2541.4	2546.6	2557.1	2562.3	2562.3	2562.3	2557.1	2562.3	2572.8
5°	2562.3	2588.4	2609.4	2604.1	2604.1	2578.0	2557.1	2515.2	2494.3	2489.1	2494.3
7.5°	2666.9	2687.8	2708.7	2677.3	2598.9	2478.6	2347.9	2243.3	2154.4	2112.6	2128.3
10°	2855.1	2881.3	2881.3	2734.9	2515.2	2232.9	1997.5	1804.1	1657.7	1579.2	1615.8
12.5°	3127.0	3148.0	3095.7	2787.2	2368.8	1903.4	1511.2	1187.0	998.8	904.6	883.7
15°	3440.8	3472.2	3294.4	2776.7	2138.7	1422.3	941.3	705.9	638.0	617.0	622.3
17.5°	3843.4	3859.1	3514.0	2693.0	1741.3	930.8	669.3	601.4	585.7	575.2	575.2
20°	4340.2	4293.2	3691.8	2551.8	1270.7	732.1	617.0	564.8	549.1	543.8	549.1
22.5°	4873.6	4800.4	3838.2	2285.2	962.2	690.3	590.9	533.4	512.5	507.2	507.2
25°	5433.1	5265.8	3953.3	1893.0	899.4	679.8	559.5	486.3	465.4	454.9	454.9
27.5°	6071.1	5783.5	4016.0	1584.4	915.1	664.1	522.9	444.5	413.1	402.6	402.6
30°	6777.0	6358.7	4021.2	1521.7	946.5	643.2	486.3	397.4	366.0	350.4	355.6
32.5°	7634.6	6944.4	4005.6	1621.0	967.4	627.5	444.5	350.4	324.2	308.5	308.5
35°	8523.6	7655.5	3942.8	1809.3	977.9	580.4	392.2	308.5	277.1	271.9	277.1
37.5°	9407.3	8330.1	3853.9	1913.9	925.6	475.9	319.0	266.7	245.8	245.8	245.8
40°	10212.6	8915.8	3733.6	1825.0	737.3	345.1	261.5	230.1	219.6	214.4	219.6
42.5°	10813.9	9438.7	3514.0	1537.4	522.9	277.1	230.1	203.9	193.5	193.5	198.7
45°	11472.8	9940.7	3090.4	1129.5	397.4	240.5	198.7	177.8	172.6	172.6	177.8
47.5°	12136.9	10343.3	2682.6	753.0	345.1	214.4	177.8	162.1	156.9	151.6	156.9
50°	12644.2	10536.8	2149.2	549.1	313.8	193.5	162.1	151.6	141.2	136.0	136.0
52.5°	13005.0	10484.5	1574.0	470.6	287.6	177.8	151.6	141.2	125.5	125.5	125.5
55°	*12785.3*	*9815.2*	*1134.7*	*423.6*	*266.7*	*167.3*	*146.4*	*130.7*	*120.3*	*115.0*	*115.0*
57.5°	11718.6	8366.7	821.0	381.7	235.3	156.9	141.2	125.5	109.8	104.6	104.6
60°	10186.4	6515.6	611.8	334.7	203.9	151.6	125.5	120.3	104.6	94.1	94.1
62.5°	8324.9	4742.9	475.9	287.6	183.0	130.7	120.3	109.8	94.1	83.7	78.4
65°	5778.2	3027.7	366.0	235.3	172.6	115.0	109.8	94.1	78.4	62.8	62.8
67.5°	3566.3	1798.8	282.4	183.0	136.0	99.4	94.1	83.7	68.0	52.3	52.3
70°	1971.4	951.7	193.5	136.0	104.6	78.4	73.2	73.2	57.5	47.1	41.8
72.5°	946.5	517.7	130.7	115.0	78.4	52.3	57.5	57.5	47.1	36.6	36.6
75°	570.0	308.5	88.9	88.9	52.3	41.8	41.8	47.1	36.6	26.1	26.1
77.5°	324.2	183.0	52.3	68.0	36.6	26.1	31.4	26.1	20.9	15.7	15.7
80°	183.0	104.6	31.4	47.1	20.9	15.7	15.7	10.5	10.5	5.2	5.2
82.5°	88.9	57.5	15.7	15.7	10.5	5.2	5.2	5.2	5.2	0.0	0.0
85°	41.8	10.5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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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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

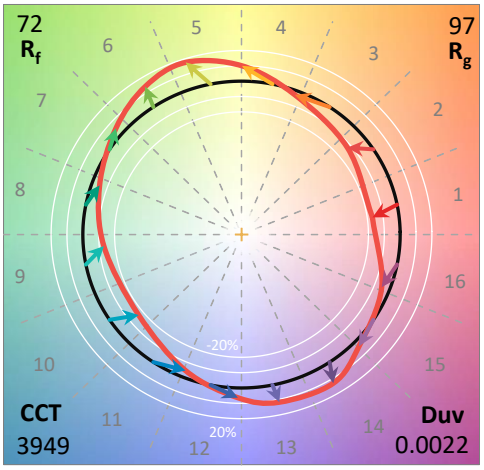
Test Information

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

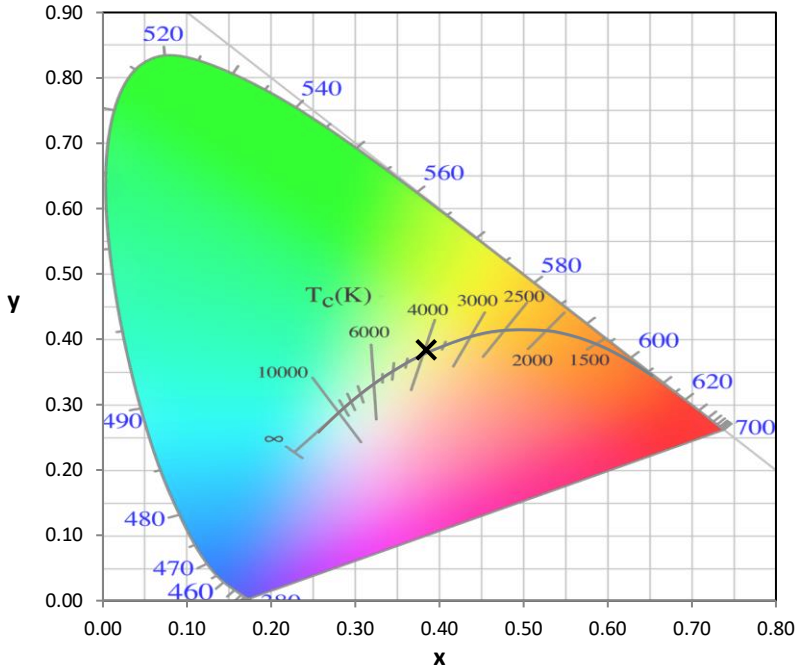
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

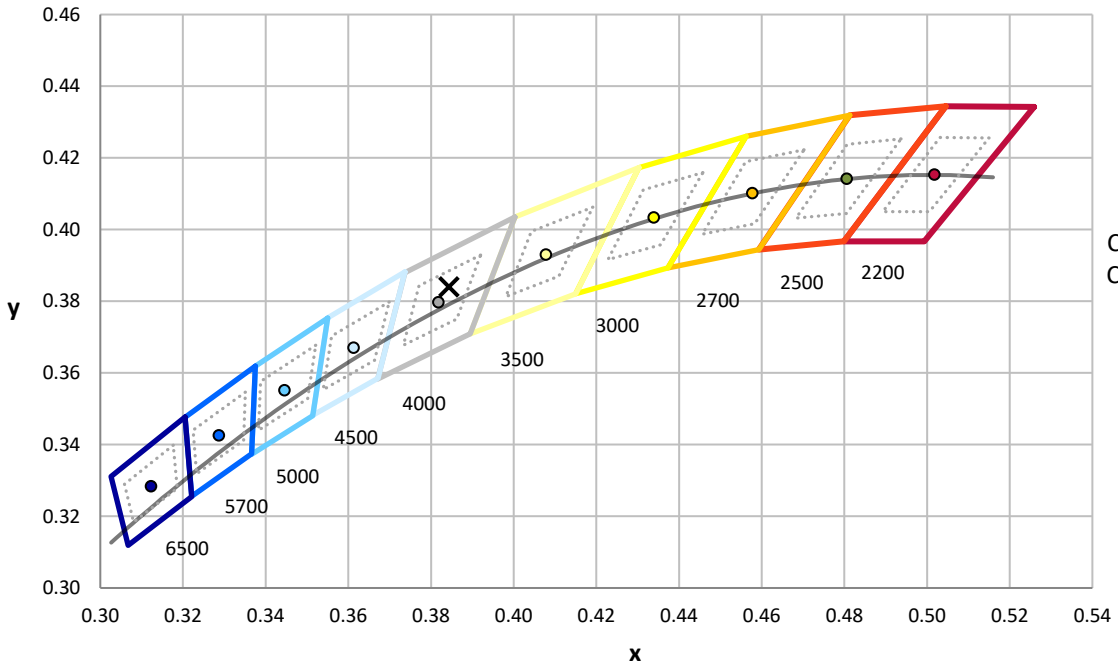
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

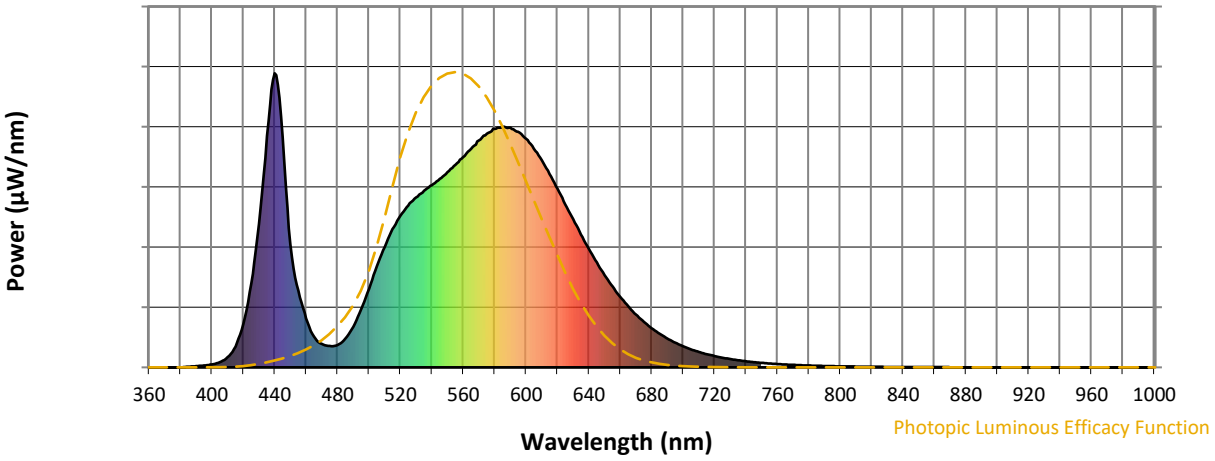


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

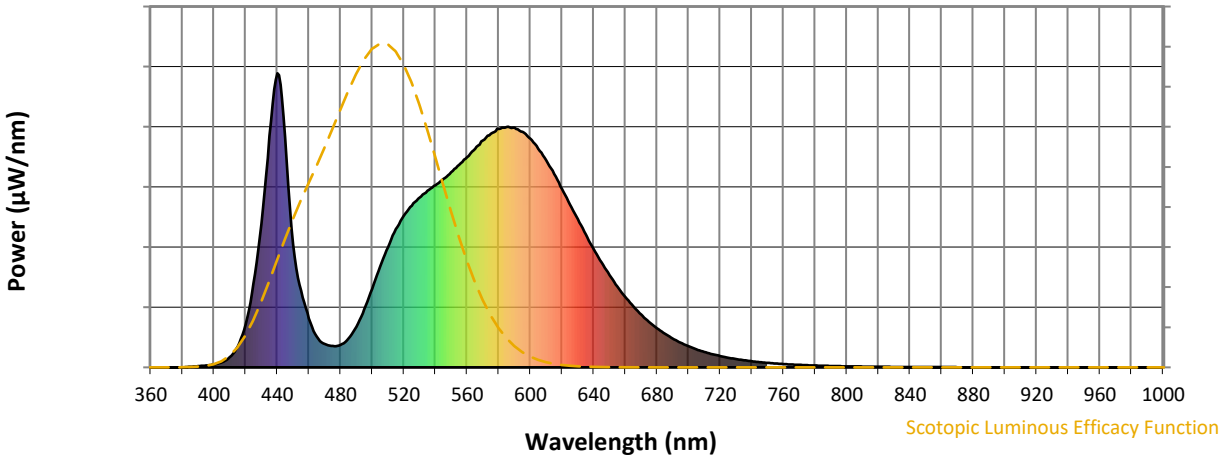


Photopic Lumens: NR

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

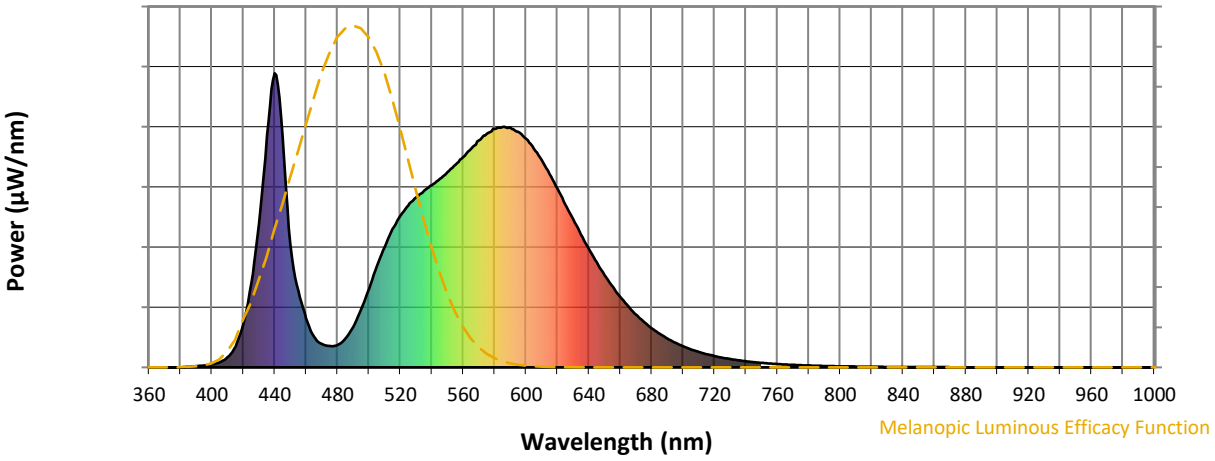


Scotopic Lumens: NR **S/P: 1.47**

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			

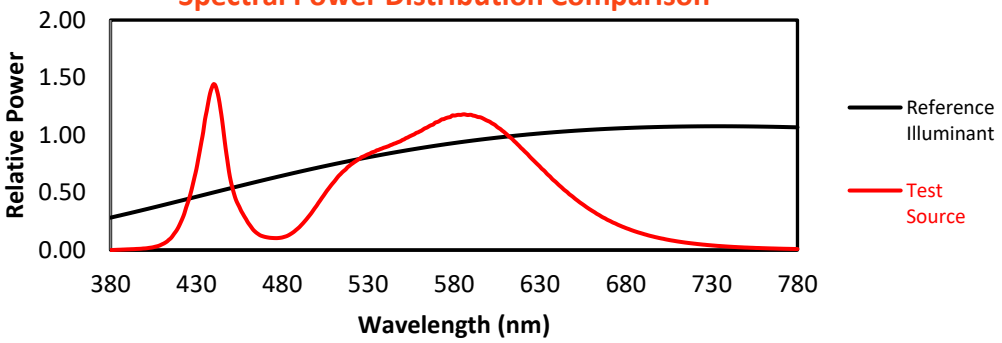
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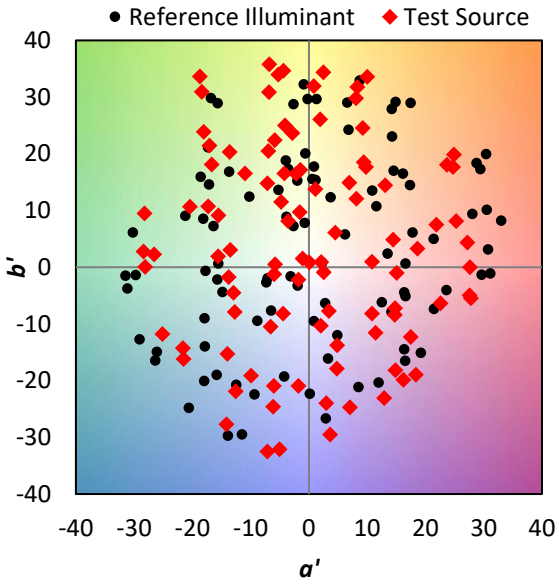
Summary

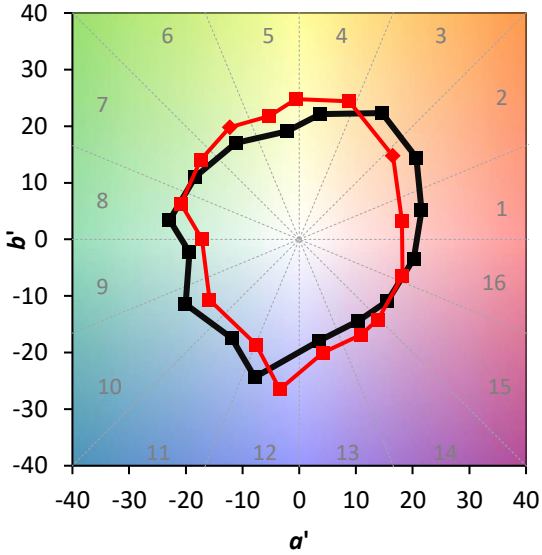
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

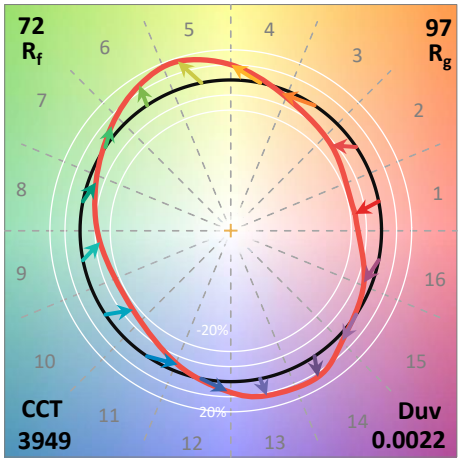
Spectral Power Distribution Comparison

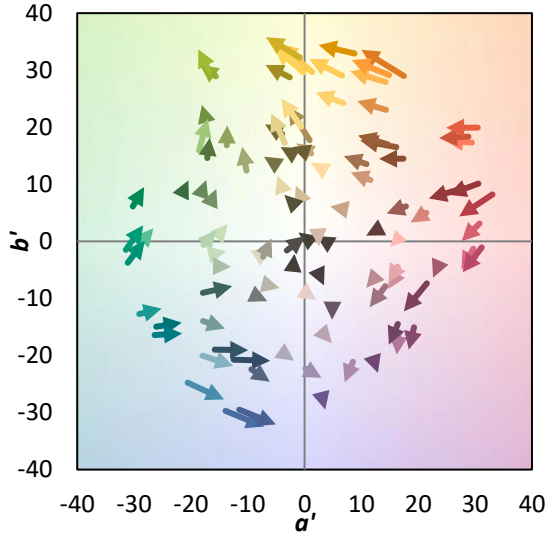


Color Vector Graphics







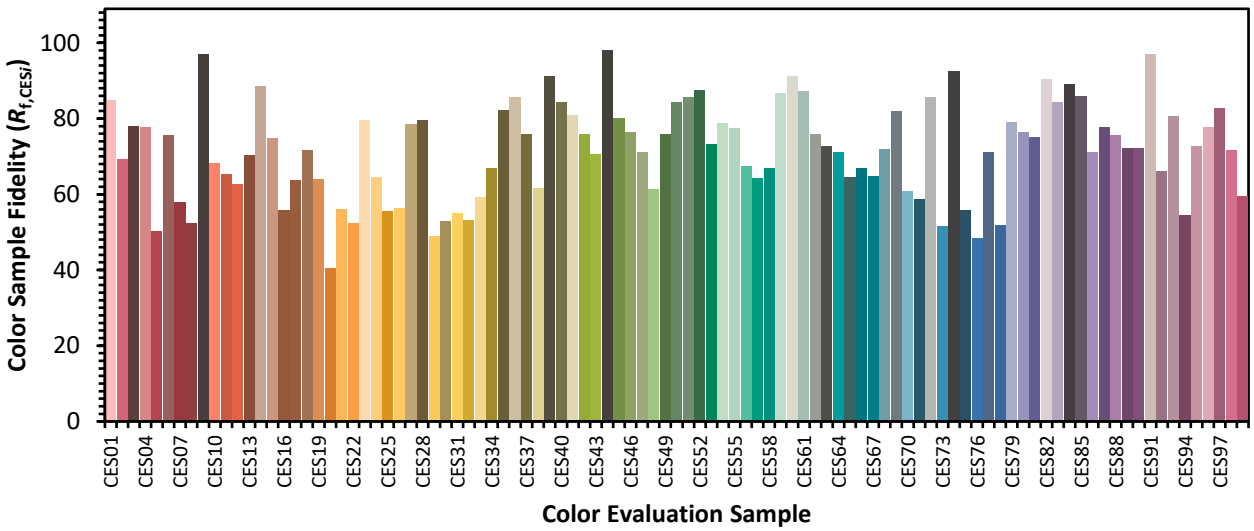


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Individual Sample Fidelity Index ($R_{f,i}$)

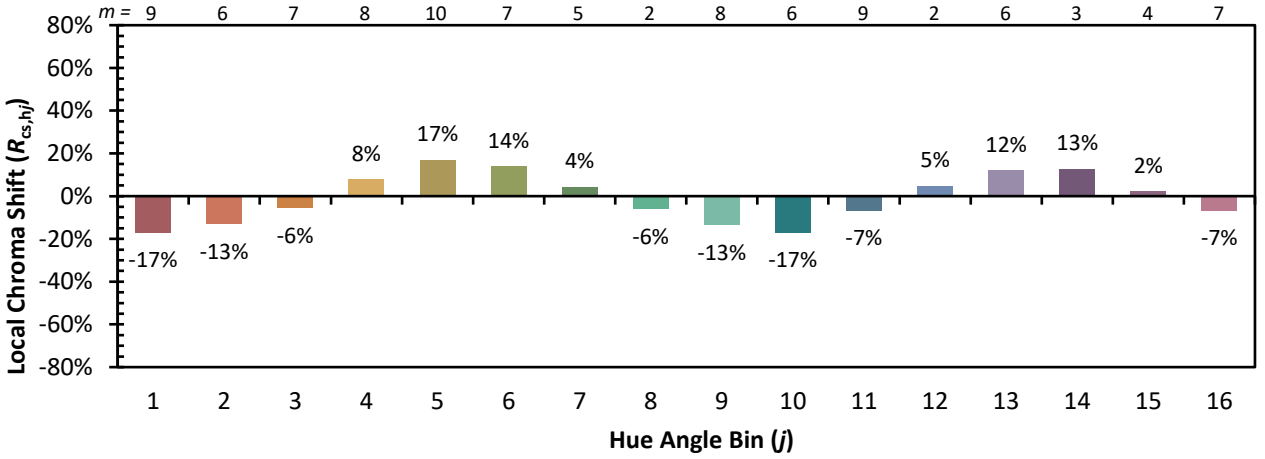
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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

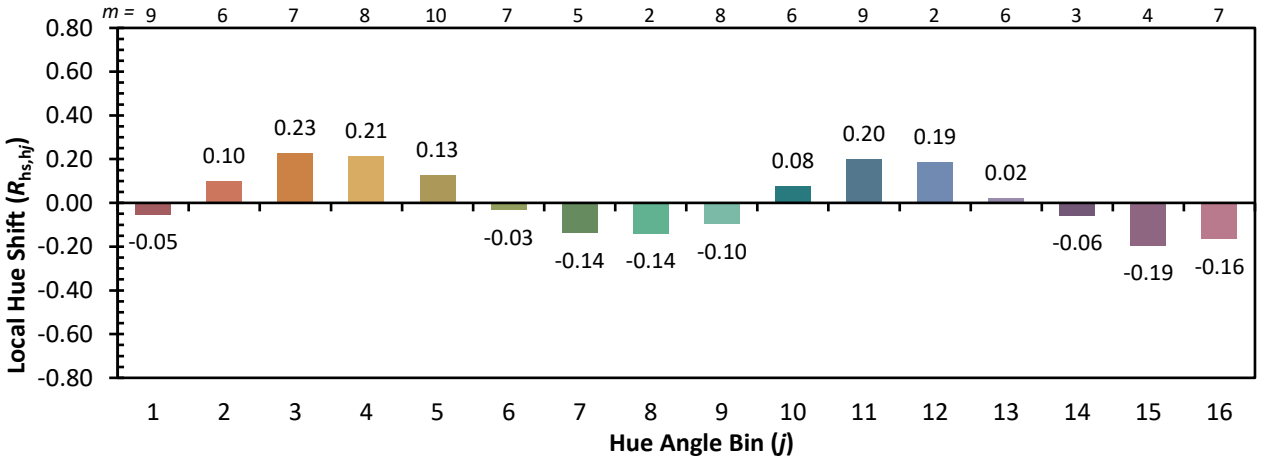


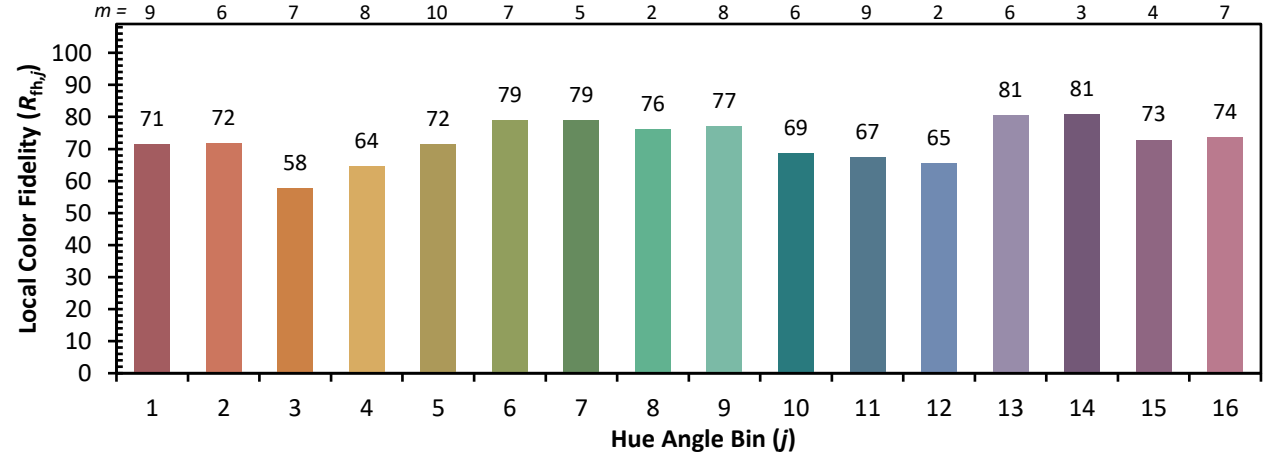
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Color Rendition by Hue-Angle Bin



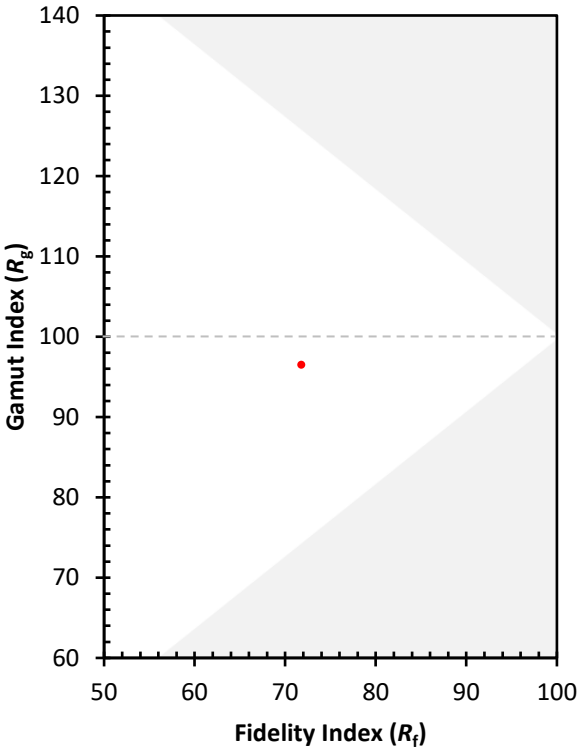


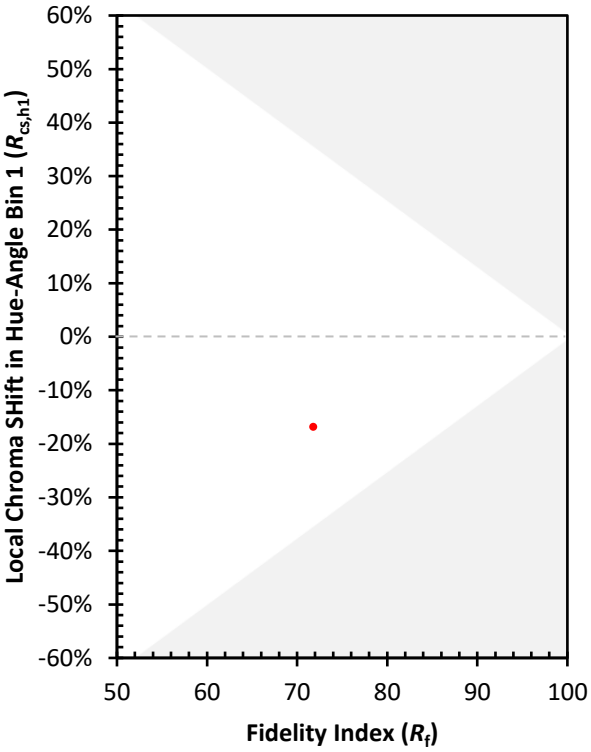


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Measure Comparisons





(END OF REPORT)