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: P1502202

Luminaire Tested: GSS-SB4B-735-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:	P1502202
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-735-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 70CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(104) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18360.8 lumens
Efficiency:	N/A
Efficacy:	124.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

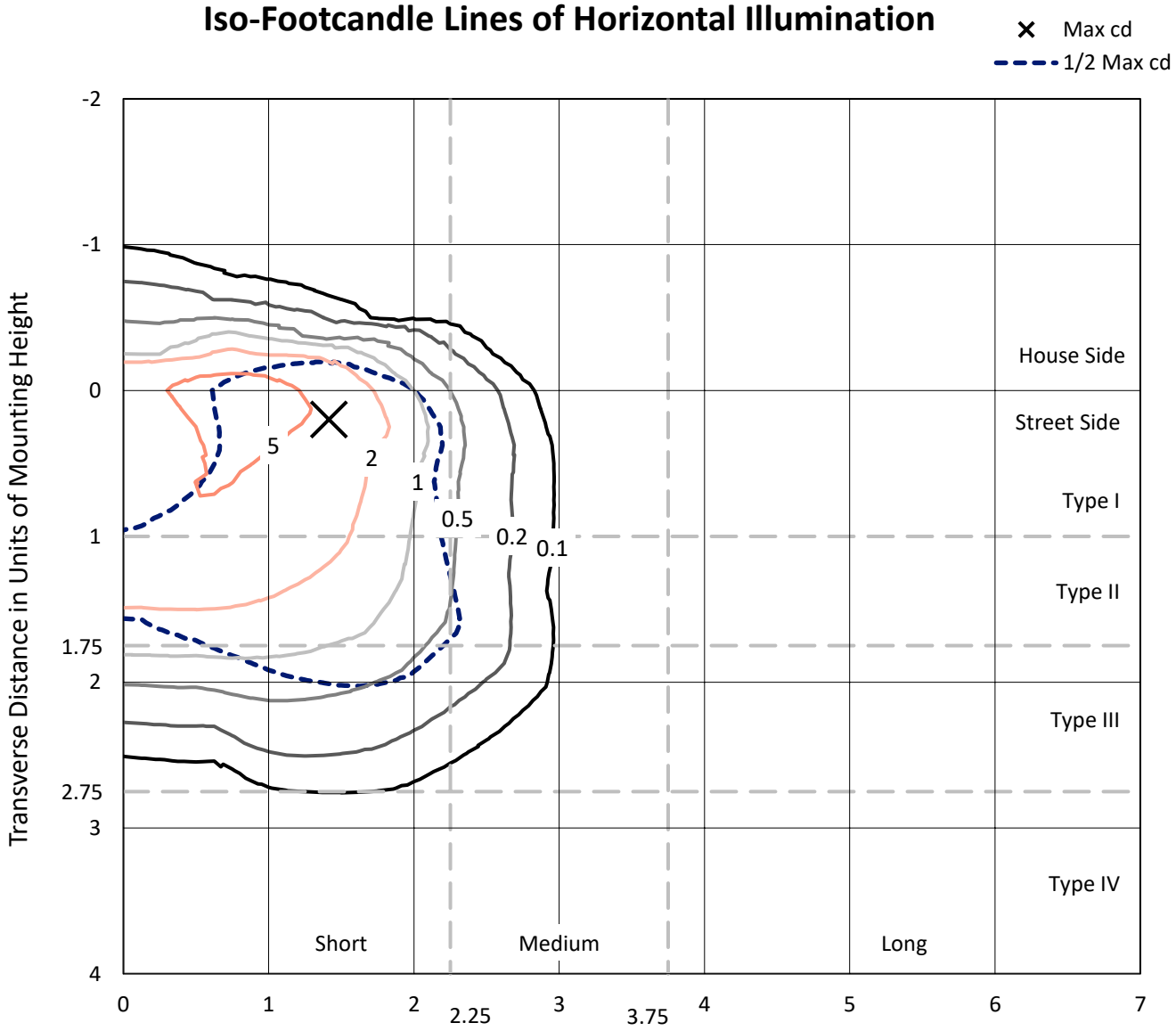
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502202
CATALOG NUMBER: GSS-SB4B-735-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



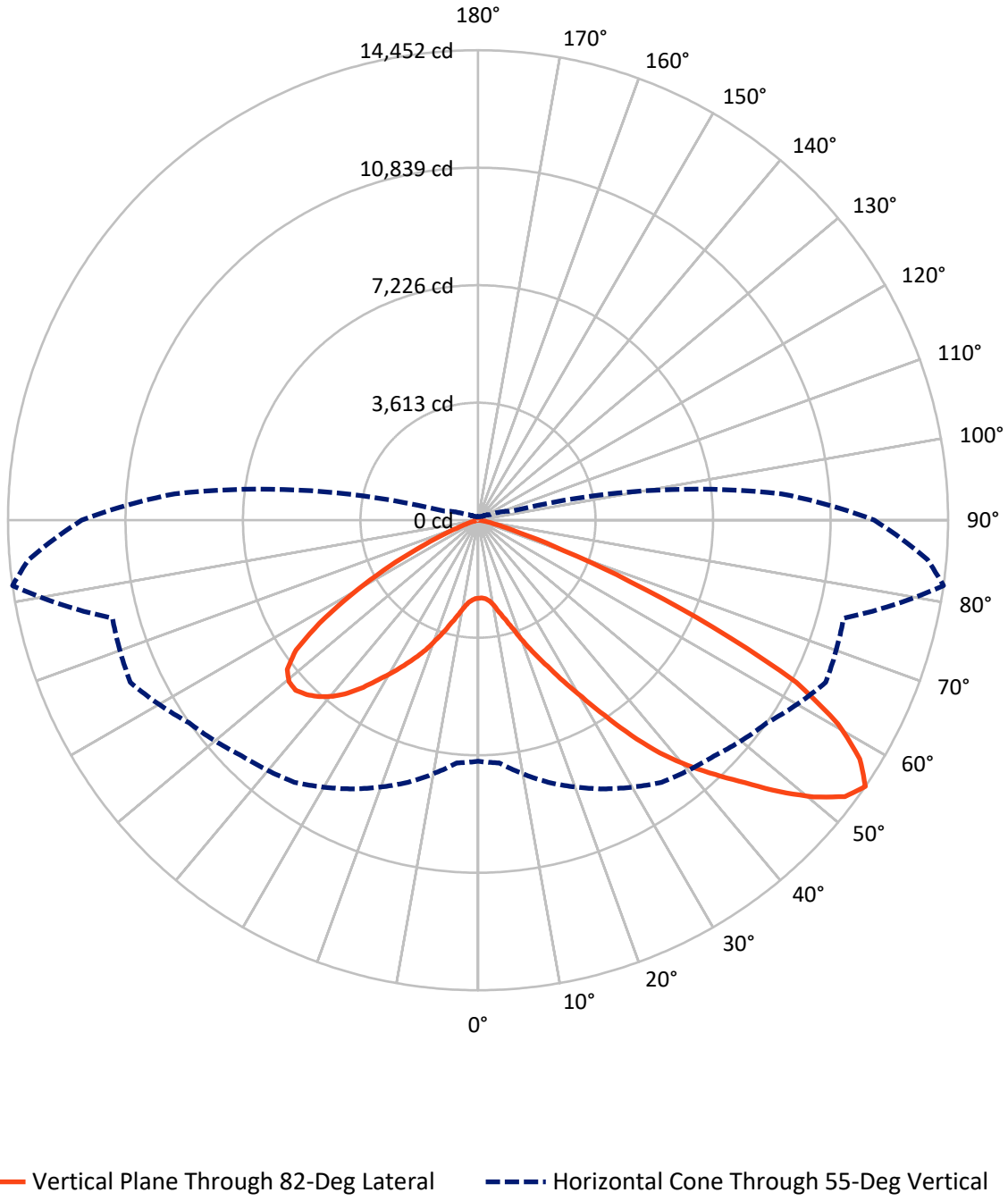
Based on 25 foot mounting height. Maximum calculated value = 7.2 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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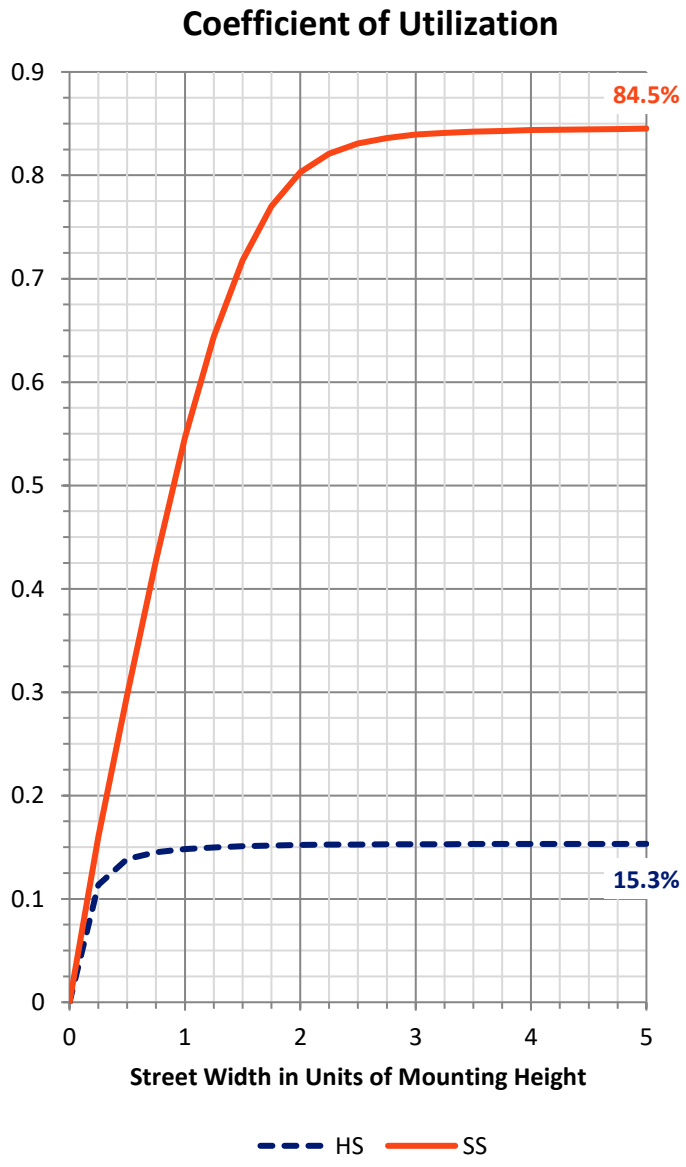
REPORT NUMBER: P1502202
CATALOG NUMBER: GSS-SB4B-735-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2838.0	0.0	2838.0
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	15522.8	0.0	15522.8
	% Fixture	84.5	0.0	84.5
Total	Lumens	18360.8	0.0	18360.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	217.3	1.2
10°-20°	588.2	3.2
20°-30°	1175.9	6.4
30°-40°	2435.0	13.3
40°-50°	4067.7	22.2
50°-60°	5159.1	28.1
60°-70°	3856.8	21.0
70°-80°	816.9	4.4
80°-90°	44.0	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°	18360.8	100.0
0°-180°	18360.8	100.0



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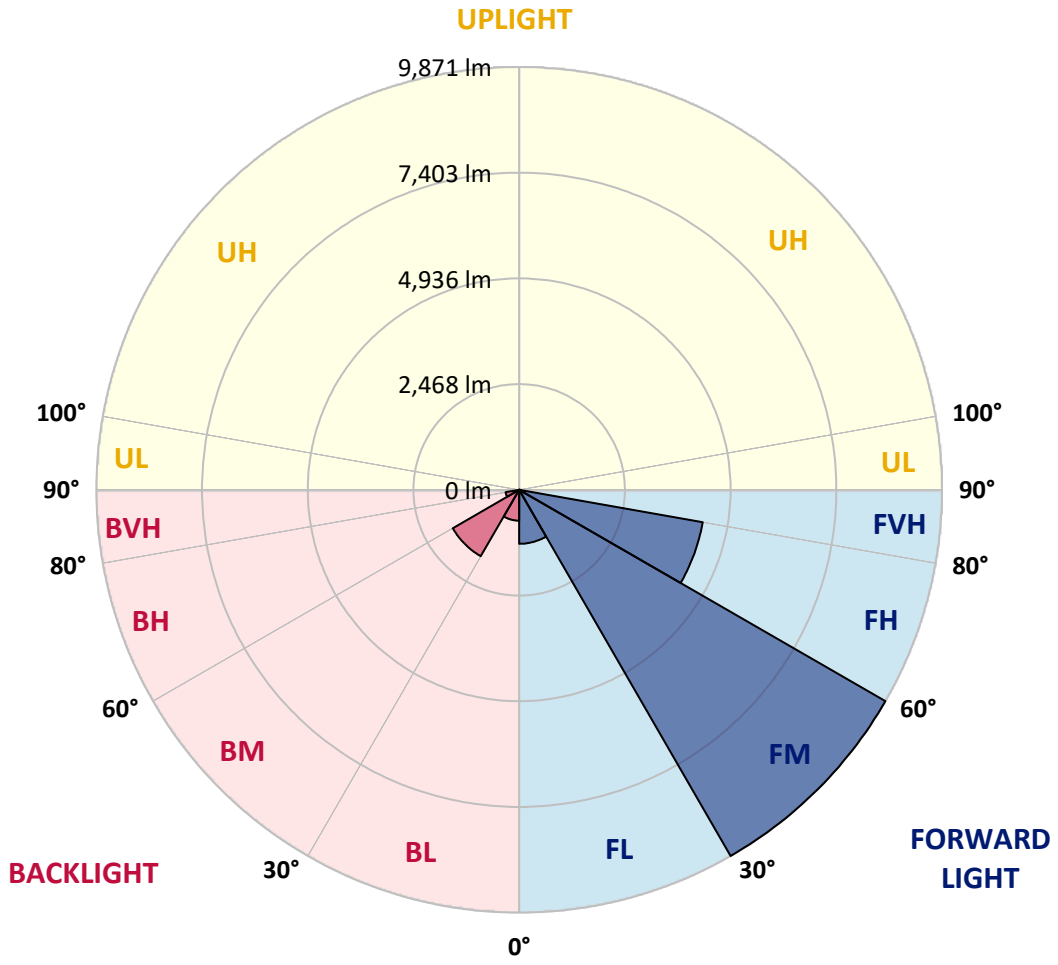
Scaled Data Report

REPORT NUMBER: P1502202
CATALOG NUMBER: GSS-SB4B-735-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1261.0	6.9			
FM	(30°-60°)	9871.1	53.8			
FH	(60°-80°)	4351.5	23.7			G2/5000
FVH	(80°-90°)	39.3	0.2			G1/100
BL	(0°-30°)	720.4	3.9	B2/1000		
BM	(30°-60°)	1790.7	9.8	B2/2500		
BH	(60°-80°)	322.2	1.8	B1/500		G1/500
BVH	(80°-90°)	4.7	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°	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	*2397.0*	2397.0
2.5°	2332.2	2337.2	2327.2	2332.2	2342.2	2337.2	2357.1	2372.1	2387.0	*2392.0*	2397.0
5°	2127.9	2132.9	2137.9	2177.7	2202.6	2262.4	2317.3	2352.1	2402.0	*2426.9*	2431.9
7.5°	1883.7	1883.7	1903.6	1953.5	2018.3	2132.9	2257.5	2357.1	2451.8	*2501.6*	2511.6
10°	1838.9	1843.8	1843.8	1878.7	1933.5	2048.2	2207.6	2407.0	2576.4	*2651.1*	2676.1
12.5°	1848.8	1853.8	1858.8	1893.7	1948.5	2048.2	2252.5	2511.6	2775.7	*2900.3*	2915.3
15°	1873.7	1883.7	1898.7	1943.5	2003.3	2132.9	2347.2	2661.1	3014.9	*3174.4*	3214.3
17.5°	1948.5	1953.5	1978.4	2028.2	2122.9	2252.5	2486.7	2855.5	3348.8	*3523.2*	3598.0
20°	2063.1	2073.1	2108.0	2177.7	2287.4	2451.8	2710.9	3109.6	3707.6	*3976.7*	4036.5
22.5°	2207.6	2207.6	2257.5	2367.1	2521.6	2706.0	3019.9	3448.5	4146.2	*4460.1*	4559.8
25°	2446.8	2441.8	2481.7	2606.3	2790.7	3059.8	3378.7	3852.1	4604.6	*4978.4*	5083.0
27.5°	2995.0	2980.0	2965.1	2970.1	3129.5	3473.4	3842.2	4360.4	5172.7	*5611.3*	5691.0
30°	3632.9	3652.8	3632.9	3583.0	3608.0	3926.9	4385.4	4983.4	5810.6	*6303.9*	6408.6
32.5°	4191.0	4201.0	4285.7	4340.5	4360.4	4509.9	5013.3	5735.8	6622.9	*7161.1*	7295.6
35°	4799.0	4813.9	4908.6	5023.2	5202.6	5337.2	5800.6	6607.9	7450.1	*8127.9*	8227.5
37.5°	5506.6	5531.5	5656.1	5820.6	6069.7	6378.7	6627.9	7400.3	8292.3	*9074.7*	9179.3
40°	6129.5	6209.3	6423.6	6632.9	6897.0	7245.8	7410.3	8093.0	8915.2	*9911.9*	10086.3
42.5°	6717.6	6762.4	7106.3	7430.2	7744.1	8028.2	8187.7	8636.2	9468.4	*10689.3*	10883.7
45°	7205.9	7240.8	7624.5	8053.1	8441.8	8725.9	8750.8	9164.4	10016.6	*11511.6*	11661.1
47.5°	7504.9	7559.8	8053.1	8541.5	8970.0	9234.2	9194.3	9837.2	10614.6	*12468.4*	12488.3
50°	7684.3	7719.2	8222.5	8855.4	9383.7	9568.1	9652.8	10480.0	11157.7	*13375.3*	13255.7
52.5°	7813.9	7868.7	8362.1	9034.8	9627.9	9877.0	10181.0	11202.6	11586.3	*14117.9*	13798.9
55°	*7410.3*	*7490.0*	*8342.1*	*9114.6*	*9837.2*	*10255.8*	*10853.8*	*11795.6*	*11636.1*	*14451.7*	*13868.7*
57.5°	6956.8	6971.7	7813.9	9089.6	10071.4	10654.4	11471.7	11840.5	11172.7	*13843.8*	13161.1
60°	6289.0	6378.7	7240.8	8765.7	10111.2	10973.4	11890.3	11297.3	10325.5	*12717.5*	11691.0
62.5°	4415.3	4554.8	5681.0	7913.6	9827.2	11147.8	11820.5	10350.4	9264.1	*10978.3*	9827.2
65°	2471.7	2591.3	3513.3	6383.7	9044.8	11107.9	11102.9	9084.7	7559.8	*7933.5*	7026.5
67.5°	1355.5	1450.2	1823.9	4804.0	7176.0	10255.8	9593.0	6931.9	5068.1	*5038.2*	4385.4
70°	946.8	951.8	1151.2	3244.2	5157.8	7156.1	7500.0	4649.5	3144.5	*2780.7*	2347.2
72.5°	463.5	468.4	573.1	1529.9	3154.5	3966.8	5142.8	2416.9	1764.1	*1380.4*	1176.1
75°	234.2	229.2	314.0	573.1	1305.6	1933.5	2267.4	1211.0	1026.6	*757.5*	672.8
77.5°	149.5	154.5	184.4	314.0	588.0	752.5	697.7	657.8	603.0	*443.5*	383.7
80°	99.7	99.7	124.6	199.3	289.0	358.8	214.3	304.0	353.8	*259.1*	224.3
82.5°	29.9	29.9	74.8	109.6	139.5	144.5	94.7	139.5	199.3	*144.5*	109.6
85°	19.9	19.9	39.9	54.8	59.8	49.8	29.9	59.8	94.7	*64.8*	54.8
87.5°	0.0	0.0	0.0	5.0	5.0	5.0	5.0	5.0	5.0	*5.0*	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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Scaled Data Report

REPORT NUMBER: P1502202
CATALOG NUMBER: GSS-SB4B-735-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0	2397.0
2.5°	2402.0	2407.0	2421.9	2426.9	2436.9	2441.8	2441.8	2441.8	2436.9	2441.8	2451.8
5°	2441.8	2466.8	2486.7	2481.7	2481.7	2456.8	2436.9	2397.0	2377.1	2372.1	2377.1
7.5°	2541.5	2561.4	2581.4	2551.5	2476.7	2362.1	2237.5	2137.9	2053.1	2013.3	2028.2
10°	2720.9	2745.8	2745.8	2606.3	2397.0	2127.9	1903.6	1719.3	1579.7	1505.0	1539.9
12.5°	2980.0	3000.0	2950.1	2656.1	2257.5	1813.9	1440.2	1131.2	951.8	862.1	842.2
15°	3279.1	3309.0	3139.5	2646.2	2038.2	1355.5	897.0	672.8	608.0	588.0	593.0
17.5°	3662.8	3677.7	3348.8	2566.4	1659.5	887.0	637.9	573.1	558.1	548.2	548.2
20°	4136.2	4091.3	3518.3	2431.9	1211.0	697.7	588.0	538.2	523.3	518.3	523.3
22.5°	4644.5	4574.7	3657.8	2177.7	916.9	657.8	563.1	508.3	488.4	483.4	483.4
25°	5177.7	5018.2	3767.4	1804.0	857.1	647.8	533.2	463.5	443.5	433.6	433.6
27.5°	5785.7	5511.6	3827.2	1510.0	872.1	632.9	498.3	423.6	393.7	383.7	383.7
30°	6458.4	6059.8	3832.2	1450.2	902.0	613.0	463.5	378.7	348.8	333.9	338.9
32.5°	7275.7	6617.9	3817.3	1544.8	921.9	598.0	423.6	333.9	309.0	294.0	294.0
35°	8122.9	7295.6	3757.5	1724.2	931.9	553.2	373.8	294.0	264.1	259.1	264.1
37.5°	8965.1	7938.5	3672.7	1823.9	882.1	453.5	304.0	254.2	234.2	234.2	234.2
40°	9732.5	8496.6	3558.1	1739.2	702.7	328.9	249.2	219.3	209.3	204.3	209.3
42.5°	10305.6	8995.0	3348.8	1465.1	498.3	264.1	219.3	194.4	184.4	184.4	189.4
45°	10933.5	9473.4	2945.2	1076.4	378.7	229.2	189.4	169.4	164.5	164.5	169.4
47.5°	11566.4	9857.1	2556.5	717.6	328.9	204.3	169.4	154.5	149.5	144.5	149.5
50°	12049.8	10041.5	2048.2	523.3	299.0	184.4	154.5	144.5	134.6	129.6	129.6
52.5°	12393.6	9991.6	1500.0	448.5	274.1	169.4	144.5	134.6	119.6	119.6	119.6
55°	*12184.3*	*9353.8*	*1081.4*	*403.7*	*254.2*	*159.5*	*139.5*	*124.6*	*114.6*	*109.6*	*109.6*
57.5°	11167.7	7973.4	782.4	363.8	224.3	149.5	134.6	119.6	104.7	99.7	99.7
60°	9707.6	6209.3	583.1	318.9	194.4	144.5	119.6	114.6	99.7	89.7	89.7
62.5°	7933.5	4519.9	453.5	274.1	174.4	124.6	114.6	104.7	89.7	79.7	74.8
65°	5506.6	2885.4	348.8	224.3	164.5	109.6	104.7	89.7	74.8	59.8	59.8
67.5°	3398.7	1714.3	269.1	174.4	129.6	94.7	89.7	79.7	64.8	49.8	49.8
70°	1878.7	907.0	184.4	129.6	99.7	74.8	69.8	69.8	54.8	44.9	39.9
72.5°	902.0	493.4	124.6	109.6	74.8	49.8	54.8	54.8	44.9	34.9	34.9
75°	543.2	294.0	84.7	84.7	49.8	39.9	39.9	44.9	34.9	24.9	24.9
77.5°	309.0	174.4	49.8	64.8	34.9	24.9	29.9	24.9	19.9	15.0	15.0
80°	174.4	99.7	29.9	44.9	19.9	15.0	15.0	10.0	10.0	5.0	5.0
82.5°	84.7	54.8	15.0	15.0	10.0	5.0	5.0	5.0	5.0	0.0	0.0
85°	39.9	10.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

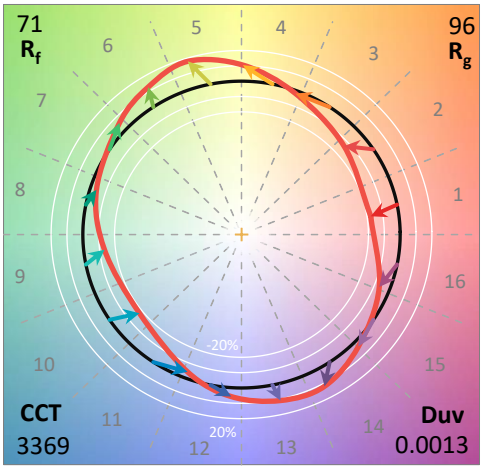
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-5
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-735-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369
CIE u':	0.2386
CIE v':	0.5156
Duv:	0.0013
CIE x:	0.4143
CIE y:	0.3980
CIE z:	0.1877
Peak Wavelength (nm):	590
Dominant Wavelength (nm):	580
Purity:	43.80166
Rf:	71.4
Rg:	96

CRI (Ra):	70.1
R1:	66.6
R2:	77.6
R3:	88.5
R4:	69.5
R5:	66.4
R6:	69.6
R7:	77.5
R8:	44.9
R9:	-40.2
R10:	49.1
R11:	66.3
R12:	45.7
R13:	68.0
R14:	93.4
R15:	57.6



Test Conditions

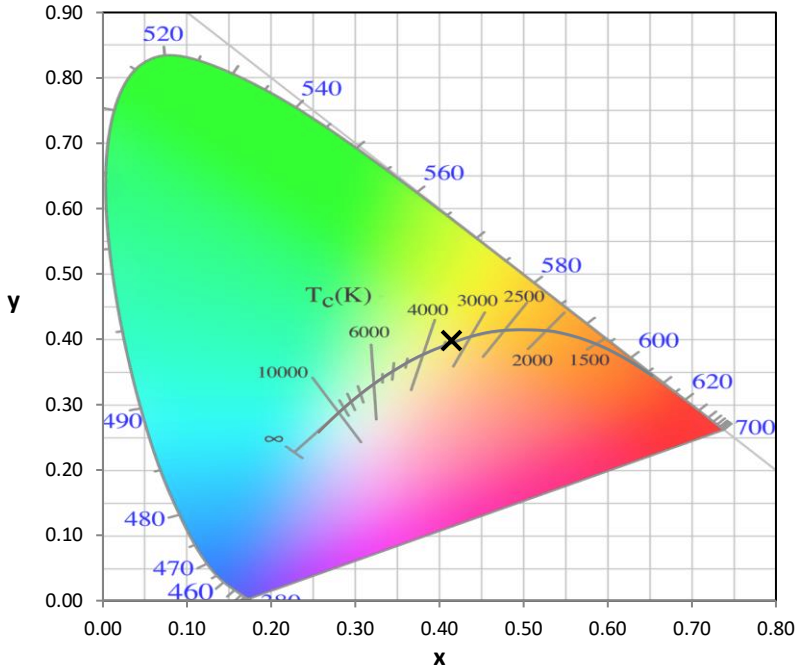
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

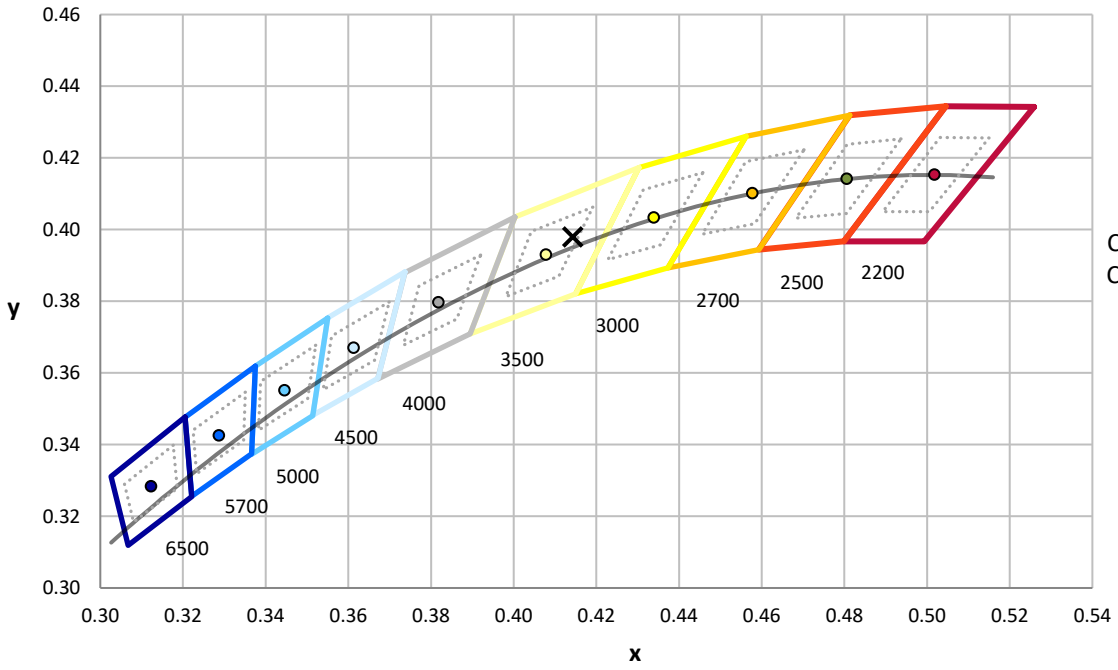
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

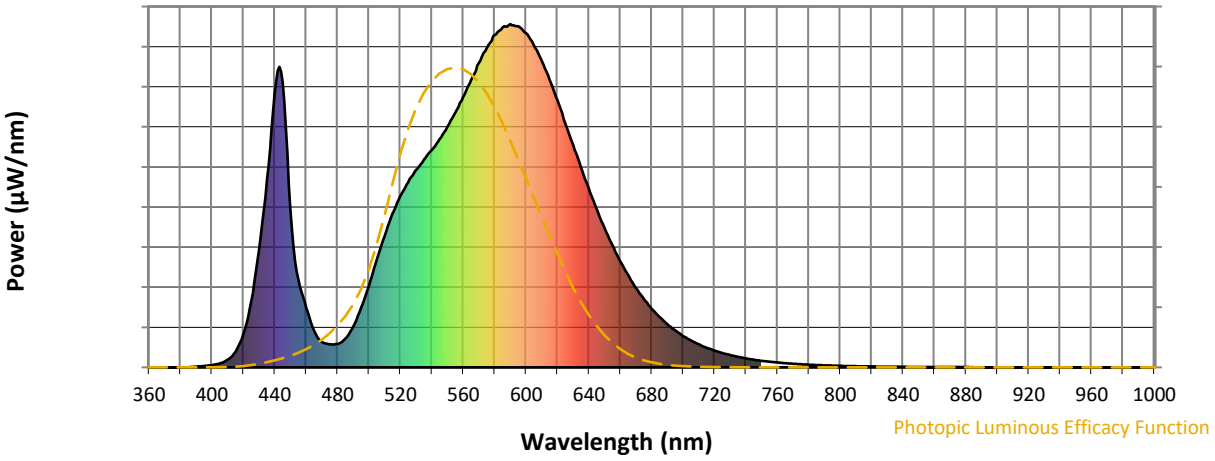


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

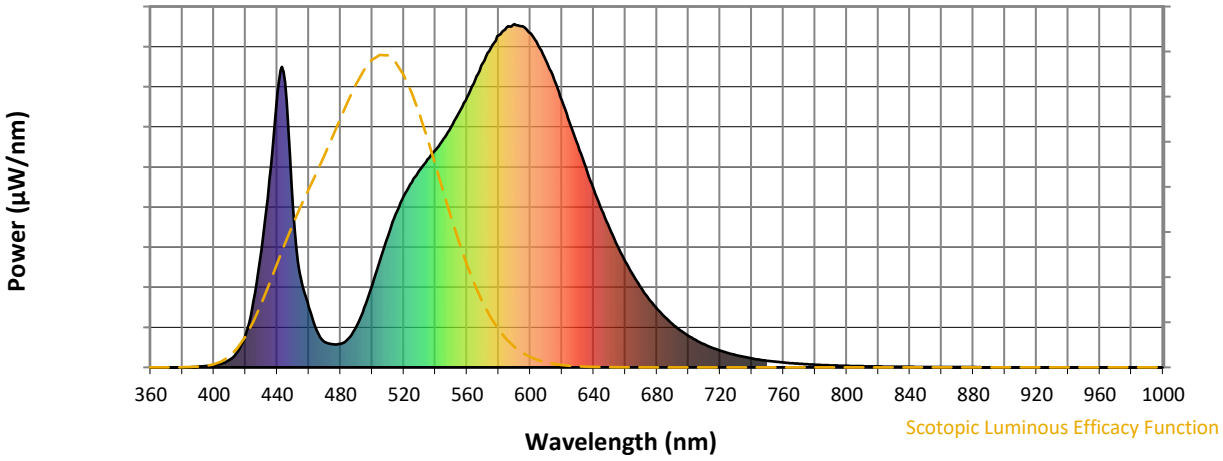


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

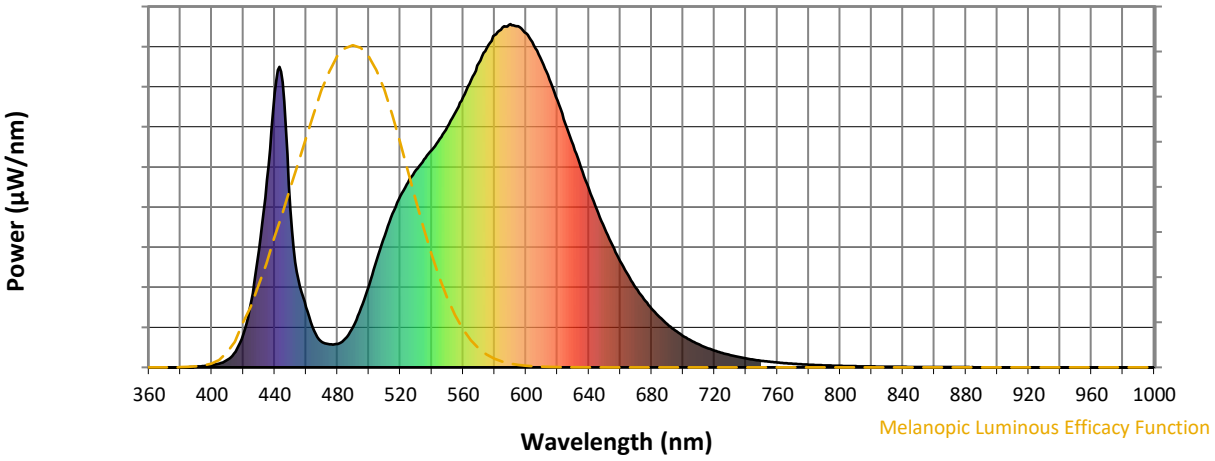


Scotopic Lumens: NR **S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.36**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

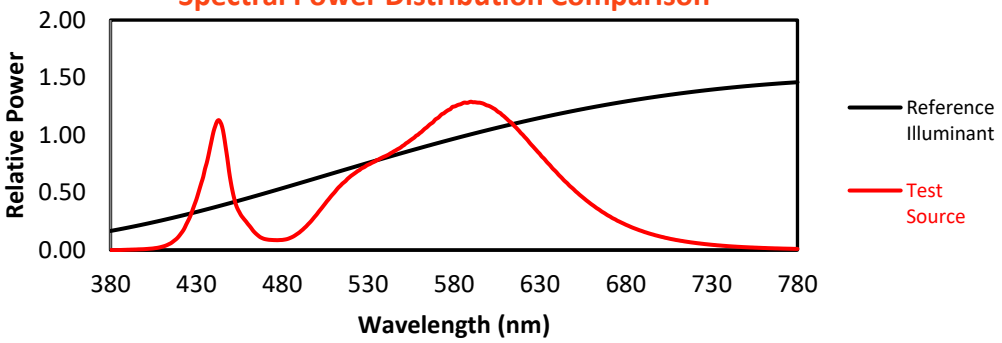
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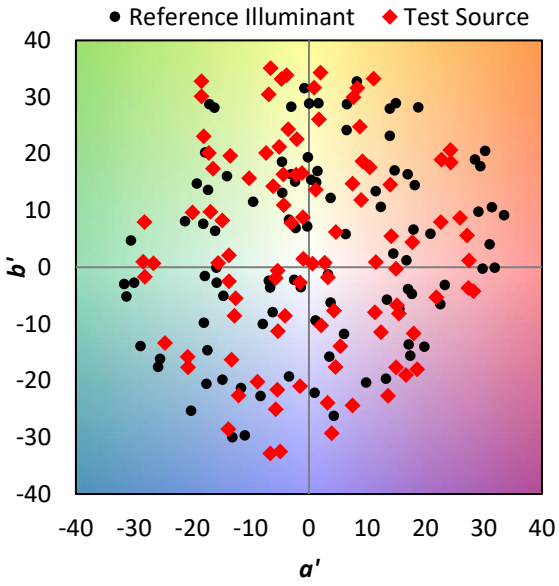
Summary

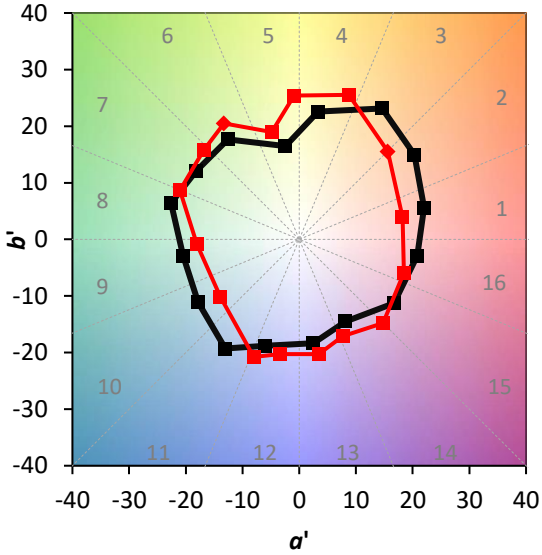
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R_g = 96
CIE R_a = 70.1
R_9 = -40.2

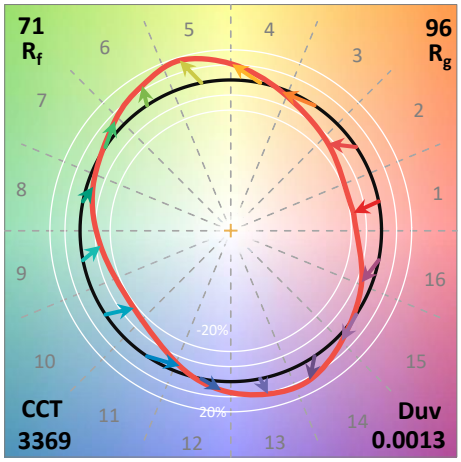
Spectral Power Distribution Comparison

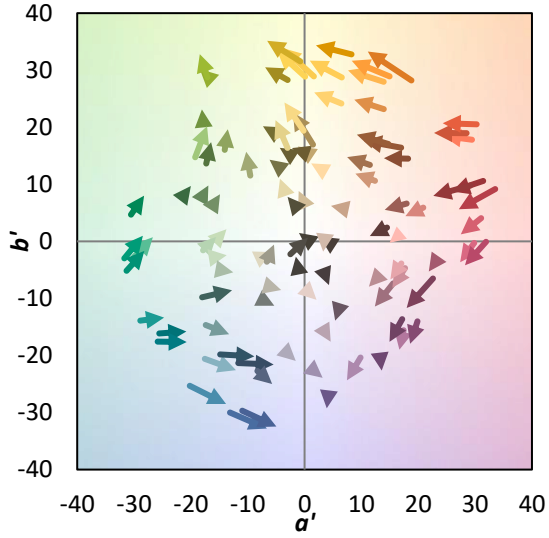


Color Vector Graphics







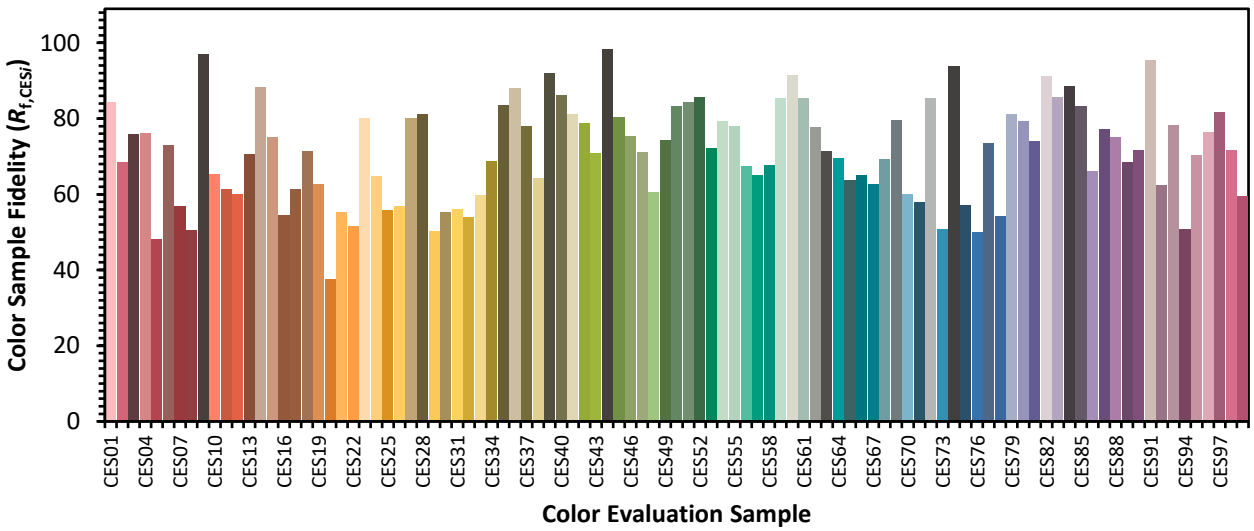


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Individual Sample Fidelity Index ($R_{f,i}$)

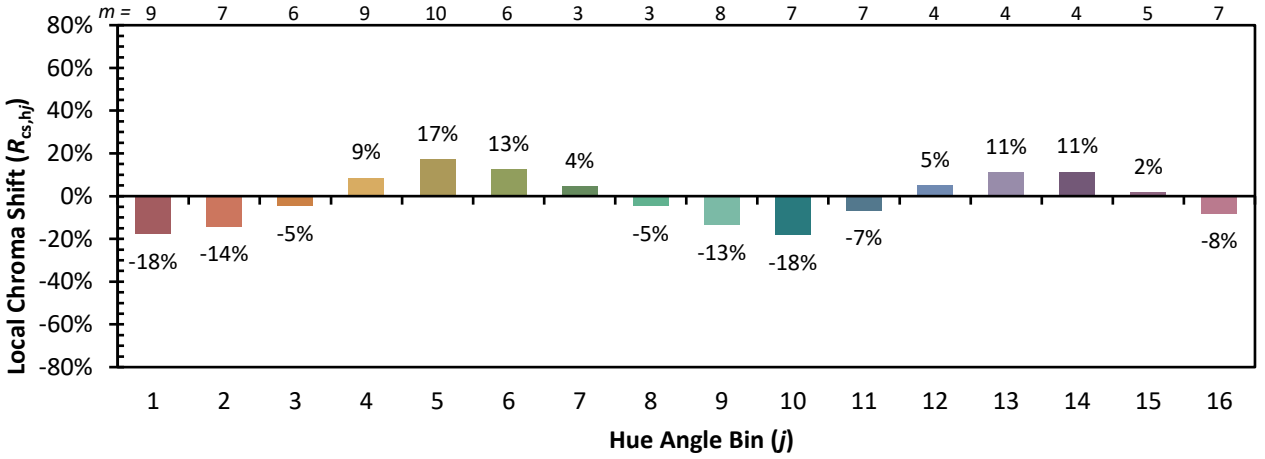
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	

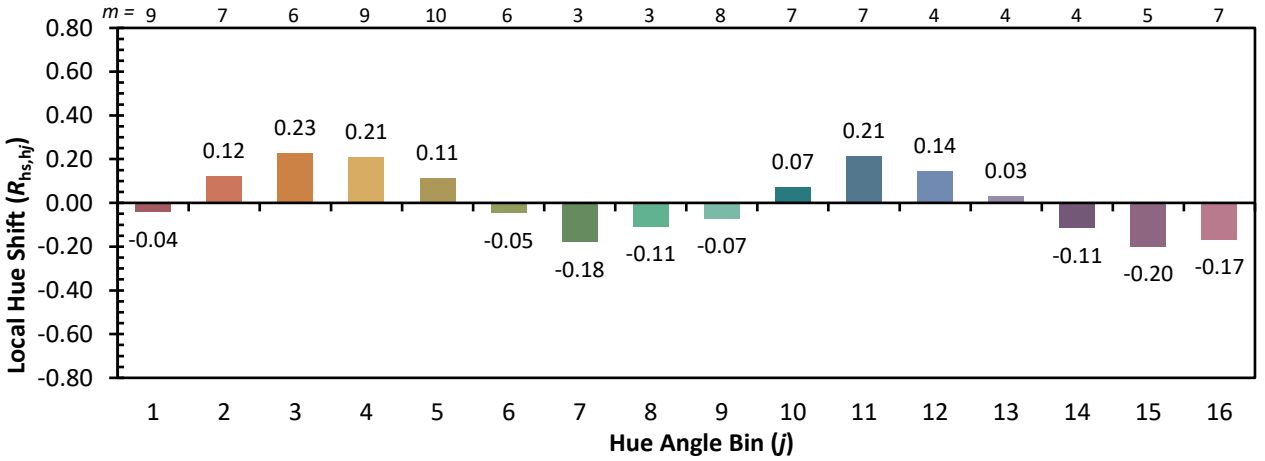


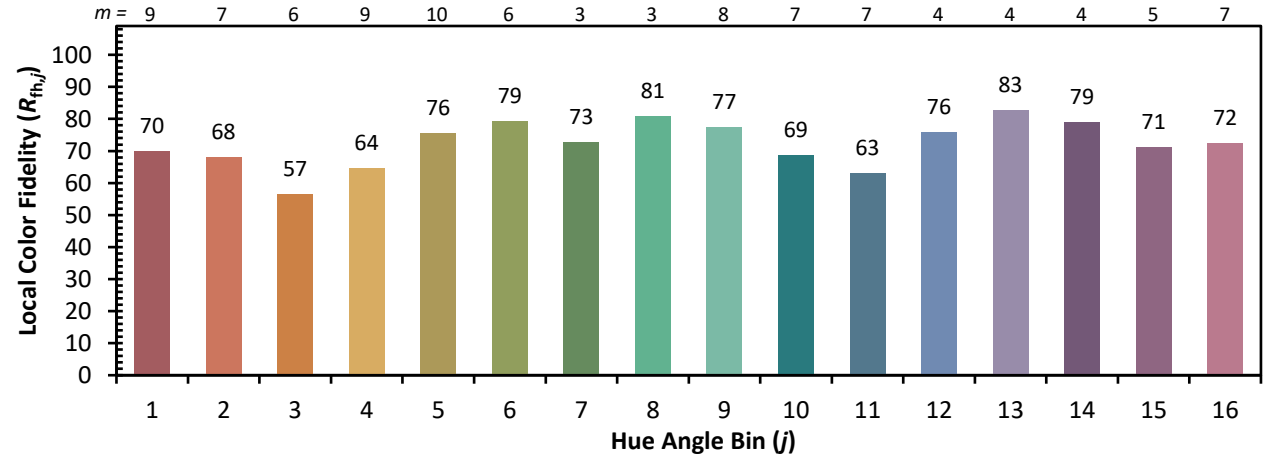
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Color Rendition by Hue-Angle Bin



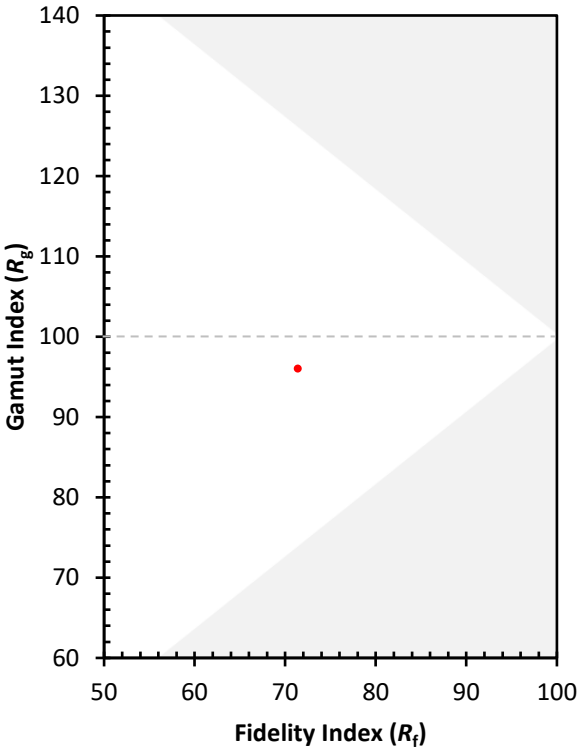


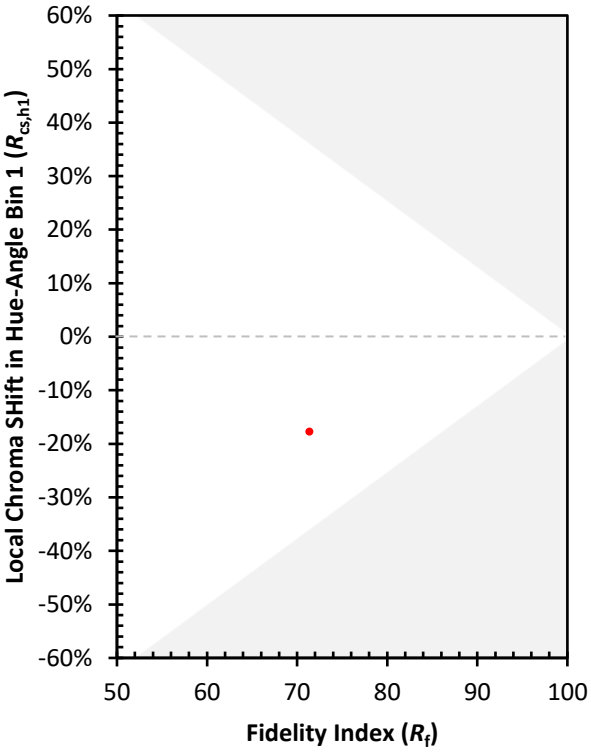


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Measure Comparisons





(END OF REPORT)