Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1358471

Luminaire Tested: **GSS-SB5A-735-U-SL4**

Issue Date: 02/18/2026

Report Generated By 670245763

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1358471
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-735-U-SL4
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 3500K FIXTURE w/ TYPE IV SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(130) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20856.5 lumens
Efficiency:	N/A
Efficacy:	145.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

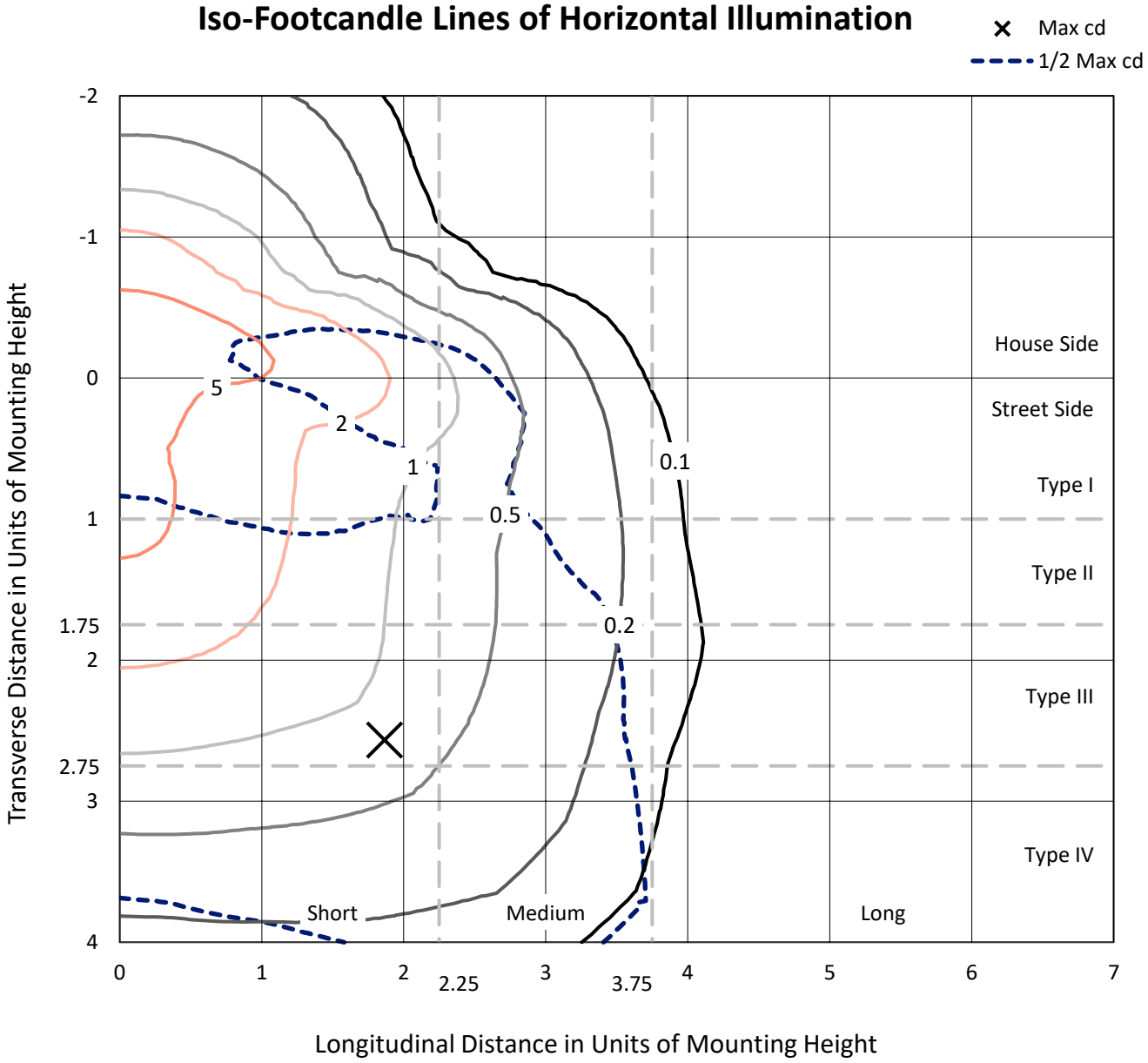
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1358471
CATALOG NUMBER: GSS-SB5A-735-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



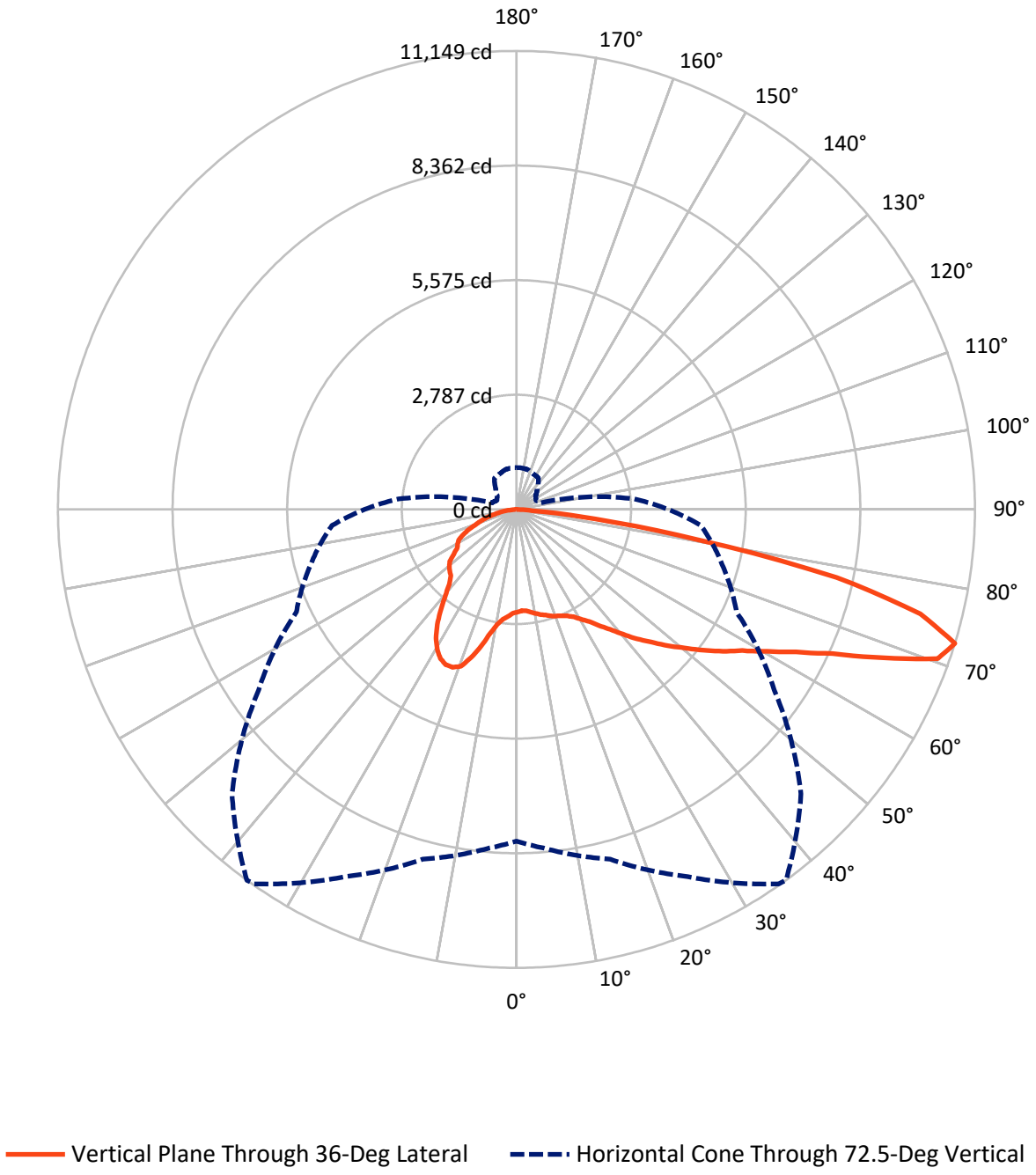
Based on 20 foot mounting height. Maximum calculated value = 8.4 fc
Type IV - Short - N/A

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1358471
CATALOG NUMBER: GSS-SB5A-735-U-SL4

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

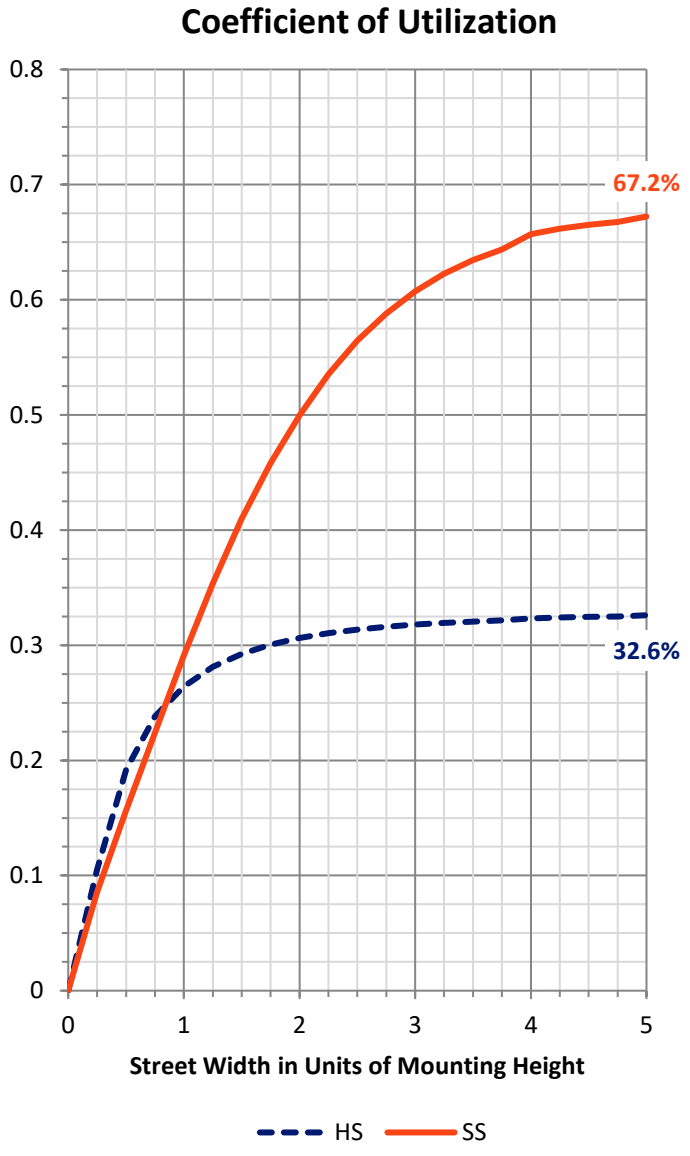
REPORT NUMBER: P1358471
CATALOG NUMBER: GSS-SB5A-735-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6863.7	0.0	6863.7
	% Fixture	32.9	0.0	32.9
Street Side	Lumens	13992.9	0.0	13992.9
	% Fixture	67.1	0.0	67.1
Total	Lumens	20856.5	0.0	20856.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	247.2	1.2
10°-20°	852.4	4.1
20°-30°	1618.5	7.8
30°-40°	2363.2	11.3
40°-50°	3143.3	15.1
50°-60°	4030.1	19.3
60°-70°	4740.6	22.7
70°-80°	3551.2	17.0
80°-90°	310.0	1.5
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°	20856.5	100.0
0°-180°	20856.5	100.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

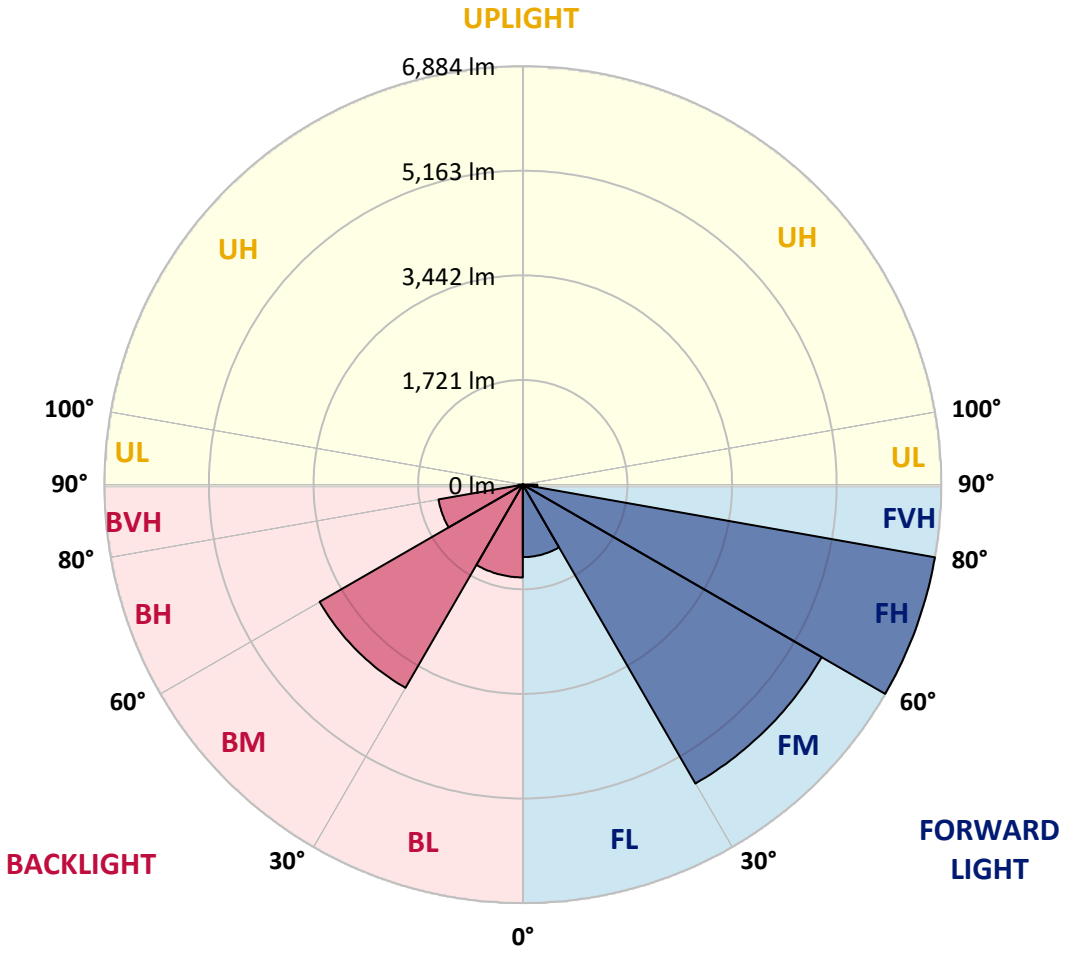
Scaled Data Report

REPORT NUMBER: P1358471
CATALOG NUMBER: GSS-SB5A-735-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1192.3	5.7			
FM	(30°-60°)	5677.9	27.2			
FH	(60°-80°)	6883.8	33.0			G3/7500
FVH	(80°-90°)	238.8	1.1			G3/500
BL	(0°-30°)	1525.8	7.3	B3/2500		
BM	(30°-60°)	3858.7	18.5	B3/5000		
BH	(60°-80°)	1408.0	6.8	B3/2500		G3/2500
BVH	(80°-90°)	71.2	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 IV Short



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1358471
CATALOG NUMBER: GSS-SB5A-735-U-SL4

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	2497.6	2497.6	2497.6	2497.6	2497.6	*2497.6*	2497.6	2497.6	2497.6	2497.6	2497.6
2.5°	2478.7	2464.5	2473.9	2464.5	2464.5	*2464.5*	2473.9	2473.9	2488.1	2488.1	2488.1
5°	2497.6	2492.8	2497.6	2492.8	2478.7	*2478.7*	2488.1	2478.7	2502.3	2492.8	2507.0
7.5°	2549.6	2540.1	2540.1	2526.0	2530.7	*2521.2*	2530.7	2516.5	2530.7	2521.2	2521.2
10°	2611.1	2596.9	2601.6	2582.7	2568.5	*2573.3*	2582.7	2568.5	2573.3	2578.0	2578.0
12.5°	2663.1	2653.7	2653.7	2615.8	2625.3	*2625.3*	2634.7	2620.6	2630.0	2625.3	2644.2
15°	2729.4	2715.2	2705.7	2677.3	2672.6	*2667.9*	2682.1	2667.9	2691.5	2686.8	2710.4
17.5°	2790.8	2776.7	2767.2	2719.9	2710.4	*2724.6*	2729.4	2719.9	2743.5	2753.0	2800.3
20°	2847.6	2852.3	2819.2	2762.5	2762.5	*2767.2*	2767.2	2767.2	2805.0	2819.2	2871.3
22.5°	2946.9	2937.5	2904.4	2838.1	2809.8	*2809.8*	2852.3	2824.0	2847.6	2880.7	2970.6
25°	3074.7	3055.7	2999.0	2913.8	2866.5	*2871.3*	2885.5	2866.5	2894.9	2932.8	3069.9
27.5°	3301.7	3278.1	3178.7	3008.4	2951.7	*2956.4*	2961.1	2909.1	2904.4	2965.9	3155.1
30°	3632.8	3604.5	3453.1	3240.2	3088.9	*3098.3*	3046.3	2951.7	2918.6	2984.8	3254.4
32.5°	3992.3	3954.5	3803.1	3500.4	3297.0	*3249.7*	3150.3	2984.8	2932.8	3003.7	3344.3
35°	4422.8	4389.7	4205.2	3779.5	3500.4	*3472.0*	3273.3	3055.7	2970.6	3017.9	3429.4
37.5°	5033.0	4947.8	4725.5	4139.0	3746.4	*3703.8*	3434.2	3155.1	2975.3	3008.4	3547.7
40°	5558.0	5472.9	5231.7	4593.1	4058.6	*3992.3*	3670.7	3273.3	3022.6	3027.4	3699.1
42.5°	6106.8	6026.3	5766.2	4976.2	4337.6	*4304.5*	3878.8	3415.2	3084.1	3079.4	3869.3
45°	6683.8	6688.6	6286.5	5435.1	4668.8	*4602.5*	4134.2	3604.5	3197.6	3140.9	4148.4
47.5°	7497.4	7407.6	6915.6	5875.0	5037.7	*4952.6*	4403.9	3803.1	3367.9	3282.8	4460.6
50°	8155.0	8088.7	7492.7	6381.1	5383.0	*5293.1*	4720.8	4020.7	3519.3	3481.5	4876.9
52.5°	8703.7	8590.1	8041.4	6858.9	5770.9	*5690.5*	4981.0	4233.6	3732.2	3713.2	5364.1
55°	9006.4	8888.1	8419.8	7303.5	6210.8	*6087.8*	5274.2	4489.0	3987.6	3997.1	5908.1
57.5°	9242.9	9119.9	8661.1	7639.4	6646.0	*6480.4*	5595.9	4768.1	4290.3	4380.2	6650.7
60°	9328.1	9205.1	8864.5	8084.0	7114.3	*7010.2*	5960.1	5113.4	4640.4	4829.6	7374.5
62.5°	9451.0	9479.4	9238.2	8628.0	7724.5	*7634.6*	6428.4	5539.1	5070.8	5222.2	7629.9
65°	9550.4	9536.2	9564.6	9380.1	8575.9	*8448.2*	7123.8	6092.6	5359.4	5354.6	7502.2
67.5°	9318.6	9332.8	9484.2	9938.3	9758.5	*9635.5*	8022.5	6603.4	5496.6	5605.3	7095.4
70°	9143.6	9186.1	9389.5	9957.2	10855.9	*10870.1*	9276.0	7038.6	5889.2	5605.3	5960.1
72.5°	*8065.1*	*8282.7*	*8807.7*	*9853.1*	*11116.1*	*11149.2*	*9782.2*	*7648.8*	*5903.4*	*5179.6*	*4503.2*
75°	5340.5	5510.7	6910.9	8840.8	10193.7	*10141.7*	9058.4	7355.5	5524.9	4224.1	2866.5
77.5°	1575.2	1896.8	3235.5	5482.4	7629.9	*7961.0*	7431.2	5033.0	4096.4	1982.0	1021.7
80°	449.4	501.4	903.5	1925.2	4120.0	*4474.8*	4616.7	2407.7	1215.7	525.1	340.6
82.5°	217.6	227.1	326.4	539.2	1764.4	*1929.9*	1617.7	728.5	326.4	189.2	132.4
85°	37.8	47.3	80.4	160.8	316.9	*383.2*	359.5	146.6	99.3	85.1	61.5
87.5°	9.5	9.5	14.2	14.2	18.9	*18.9*	18.9	23.7	23.7	23.7	23.7
90°	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P1358471
CATALOG NUMBER: GSS-SB5A-735-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2497.6	2497.6	2497.6	2497.6	2497.6	2497.6	2497.6	2497.6	2497.6	2497.6	2497.6
2.5°	2511.8	2511.8	2530.7	2540.1	2540.1	2526.0	2526.0	2568.5	2549.6	2559.1	2554.3
5°	2516.5	2535.4	2535.4	2563.8	2578.0	2601.6	2611.1	2630.0	2648.9	2648.9	2644.2
7.5°	2544.9	2559.1	2582.7	2601.6	2639.5	2677.3	2691.5	2748.3	2757.7	2781.4	2771.9
10°	2587.4	2611.1	2648.9	2701.0	2748.3	2809.8	2838.1	2899.6	2932.8	2970.6	2946.9
12.5°	2653.7	2682.1	2743.5	2814.5	2918.6	3013.2	3088.9	3150.3	3197.6	3240.2	3226.0
15°	2724.6	2781.4	2861.8	2989.5	3174.0	3344.3	3443.6	3547.7	3571.3	3609.2	3604.5
17.5°	2847.6	2885.5	3046.3	3301.7	3543.0	3689.6	3774.7	3826.8	3812.6	3826.8	3817.3
20°	2946.9	3041.6	3330.1	3703.8	3940.3	4034.9	4044.4	3997.1	3897.7	3878.8	3841.0
22.5°	3093.6	3235.5	3699.1	4086.9	4276.1	4266.7	4129.5	3987.6	3859.9	3807.9	3788.9
25°	3235.5	3490.9	4086.9	4451.2	4503.2	4337.6	4129.5	3945.0	3774.7	3722.7	3680.1
27.5°	3415.2	3784.2	4526.8	4758.6	4602.5	4347.1	4039.6	3831.5	3670.7	3585.5	3566.6
30°	3599.7	4124.8	4895.8	4905.3	4630.9	4247.8	3874.1	3689.6	3505.1	3420.0	3424.7
32.5°	3850.4	4498.5	5208.0	5014.1	4550.5	4049.1	3651.8	3453.1	3292.3	3249.7	3240.2
35°	4096.4	4919.5	5458.7	5023.5	4361.3	3770.0	3358.5	3136.2	3036.8	2994.2	3013.2
37.5°	4446.4	5349.9	5605.3	4933.7	4086.9	3396.3	3013.2	2838.1	2762.5	2748.3	2767.2
40°	4829.6	5747.3	5700.0	4829.6	3713.2	2999.0	2682.1	2573.3	2526.0	2535.4	2568.5
42.5°	5241.1	6073.6	5770.9	4593.1	3273.3	2634.7	2417.2	2369.9	2440.8	2483.4	2511.8
45°	5681.0	6371.6	5794.6	4257.2	2861.8	2355.7	2265.8	2355.7	2464.5	2483.4	2497.6
47.5°	6116.2	6631.8	5794.6	3812.6	2469.2	2171.2	2218.5	2336.7	2421.9	2388.8	2393.5
50°	6532.5	6839.9	5780.4	3297.0	2194.8	2076.6	2157.0	2232.7	2194.8	2100.2	2109.7
52.5°	6910.9	7024.4	5681.0	2767.2	1967.8	2052.9	2057.7	1963.1	1877.9	1830.6	1840.1
55°	7331.9	7194.7	5387.8	2294.2	1821.1	1991.4	1859.0	1736.0	1778.6	1764.4	1759.7
57.5°	7771.8	7393.4	4985.7	1887.4	1684.0	1844.8	1698.2	1688.7	1684.0	1665.0	1641.4
60°	8150.2	7554.2	4384.9	1485.3	1480.6	1622.5	1665.0	1641.4	1617.7	1579.9	1561.0
62.5°	7932.6	7152.1	3505.1	1201.5	1272.4	1447.5	1603.6	1556.3	1561.0	1527.9	1513.7
65°	7317.7	6357.5	2388.8	1002.8	1073.8	1291.4	1456.9	1414.3	1390.7	1381.2	1371.8
67.5°	6523.0	5506.0	1575.2	794.7	898.7	1130.5	1286.6	1234.6	1267.7	1267.7	1263.0
70°	5132.3	4209.9	993.4	648.0	714.3	936.6	1069.0	1092.7	1140.0	1144.7	1140.0
72.5°	*3689.6*	*2880.7*	*619.7*	*520.3*	*567.6*	*714.3*	*931.9*	*955.5*	*1007.5*	*1017.0*	*1017.0*
75°	2175.9	1622.5	416.3	416.3	439.9	581.8	771.0	846.7	870.4	879.8	870.4
77.5°	875.1	624.4	274.4	307.5	340.6	468.3	591.3	685.9	676.4	671.7	648.0
80°	312.2	269.6	189.2	203.4	246.0	350.0	439.9	468.3	496.7	482.5	468.3
82.5°	127.7	123.0	118.3	132.4	146.6	212.9	307.5	307.5	312.2	307.5	302.7
85°	47.3	47.3	56.8	66.2	80.4	99.3	137.2	175.0	146.6	104.1	108.8
87.5°	23.7	23.7	18.9	18.9	23.7	33.1	33.1	42.6	42.6	23.7	14.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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

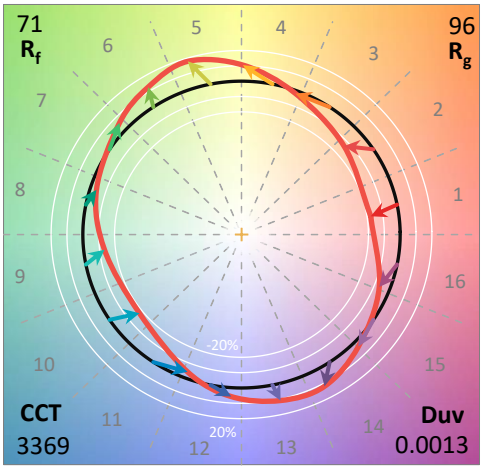
Test Information

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

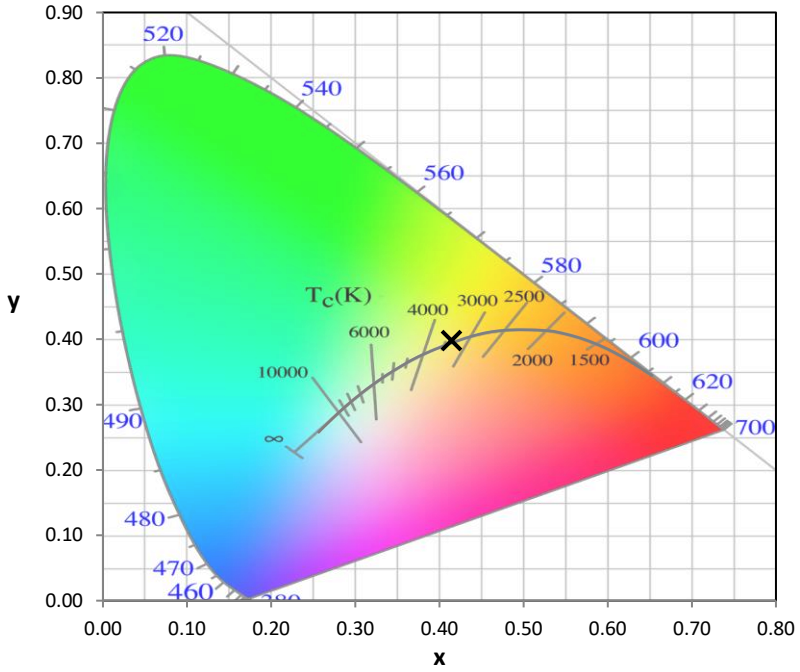
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

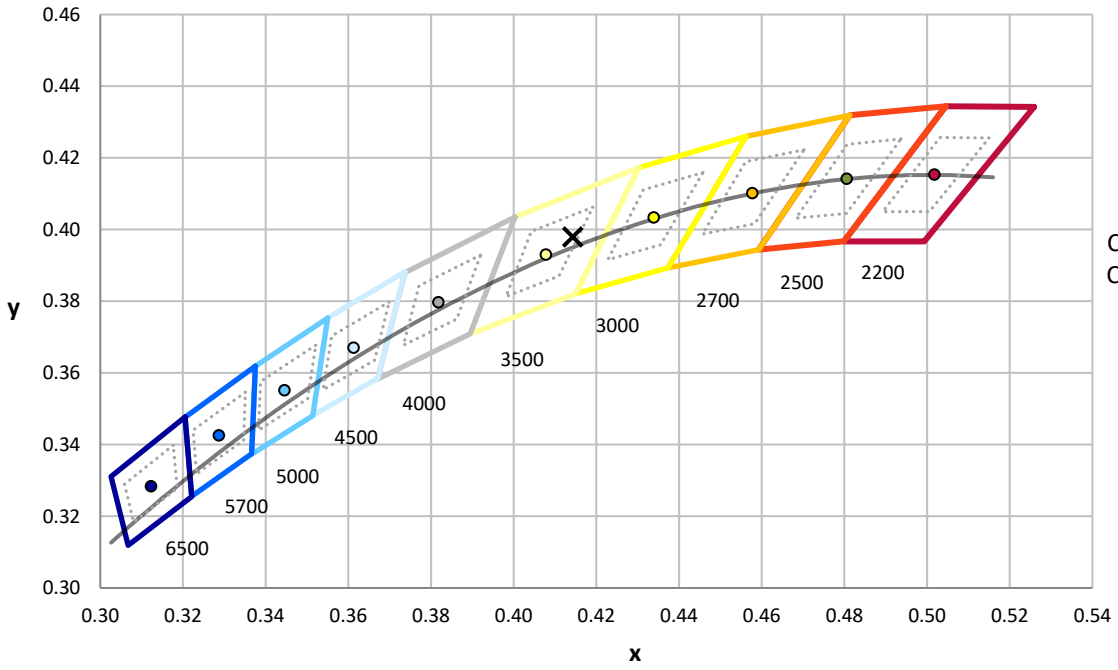
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

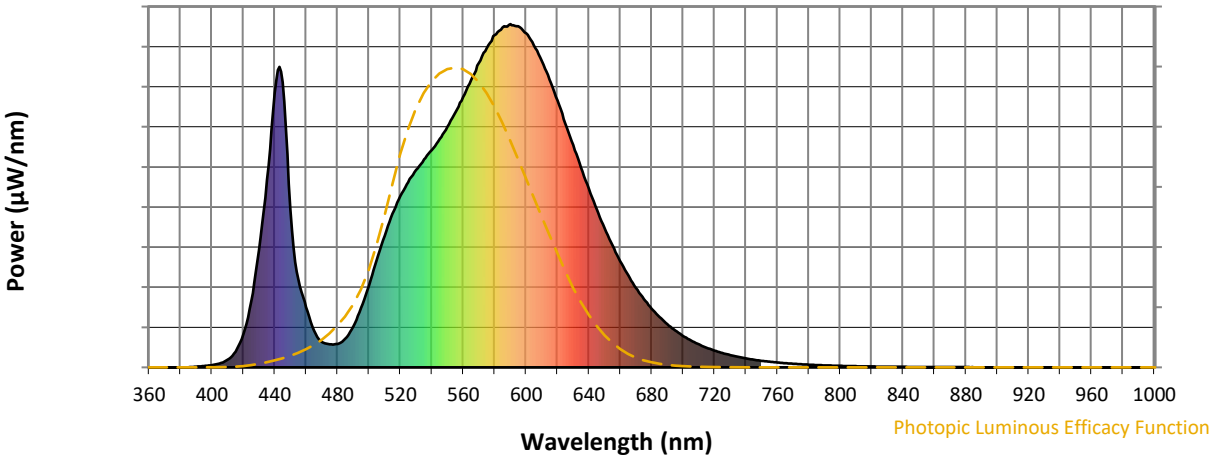


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

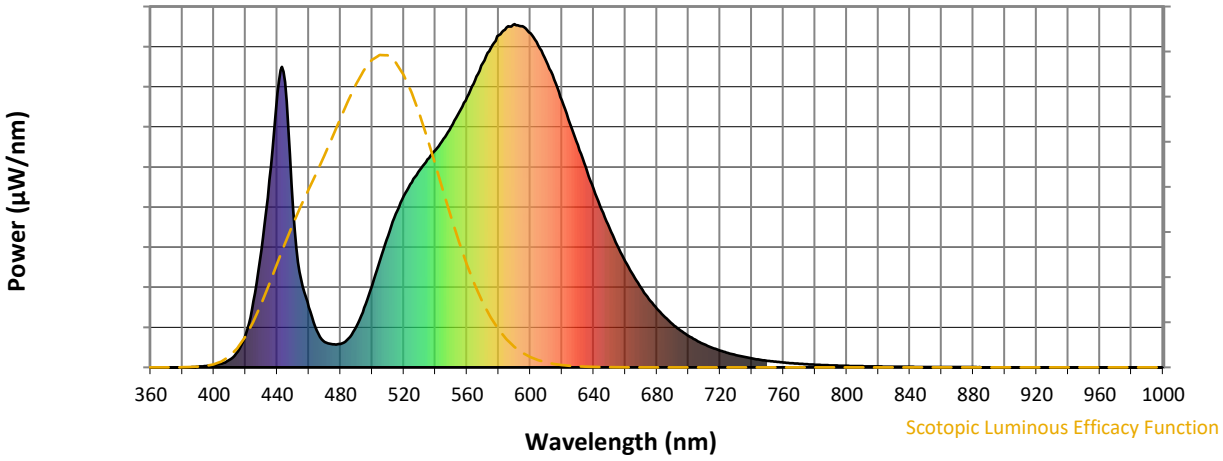


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength

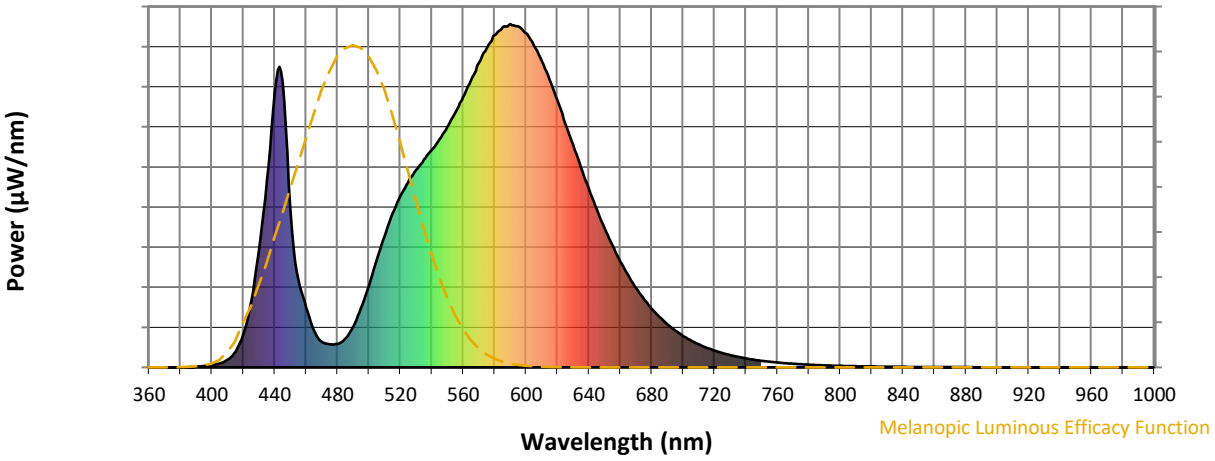


Scotopic Lumens: NR **S/P: 1.29**

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			

REPORT NUMBER: SP1-2407-184-5

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			

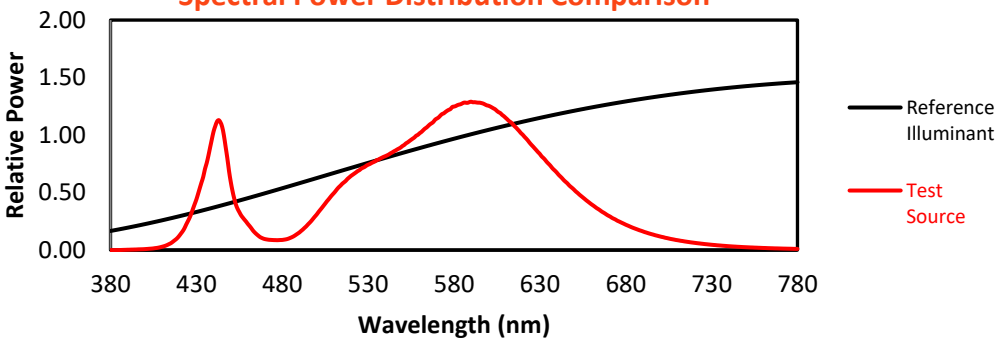
REPORT NUMBER: SP1-2407-184-5

TM-30-18

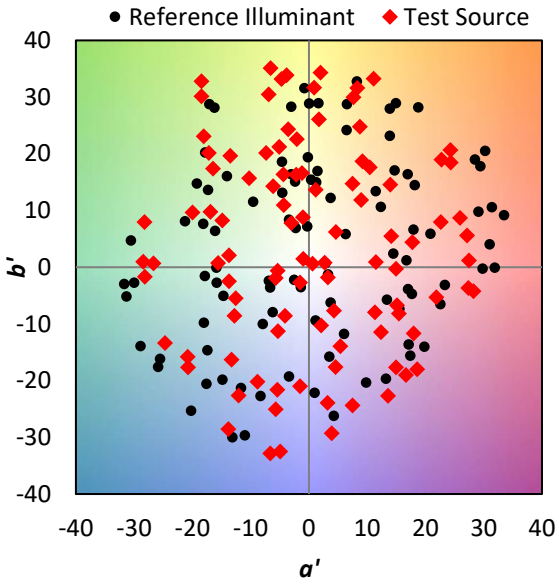
Summary

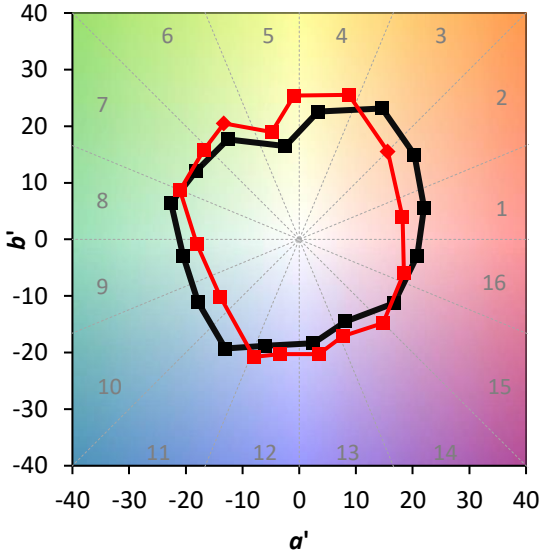
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

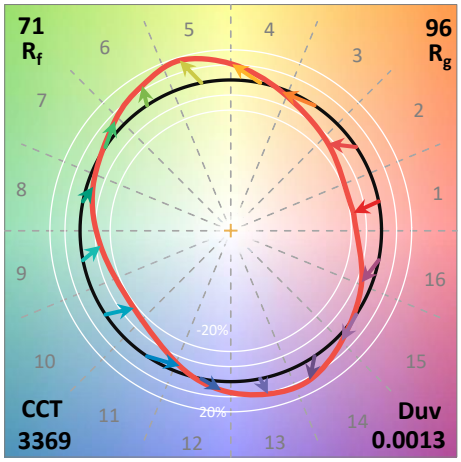
Spectral Power Distribution Comparison

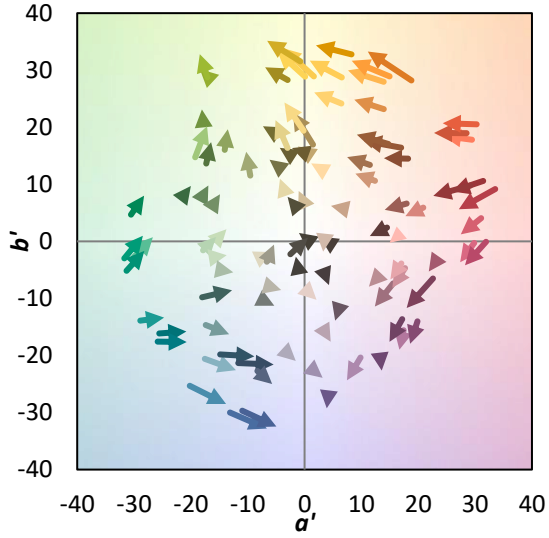


Color Vector Graphics







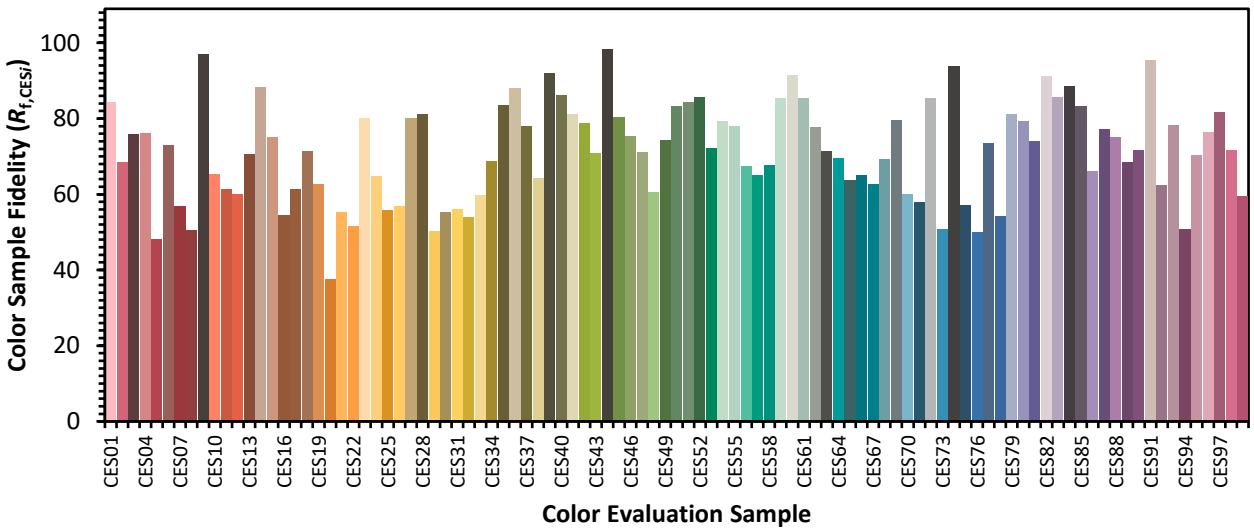


REPORT NUMBER: SP1-2407-184-5

TM-30-18

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

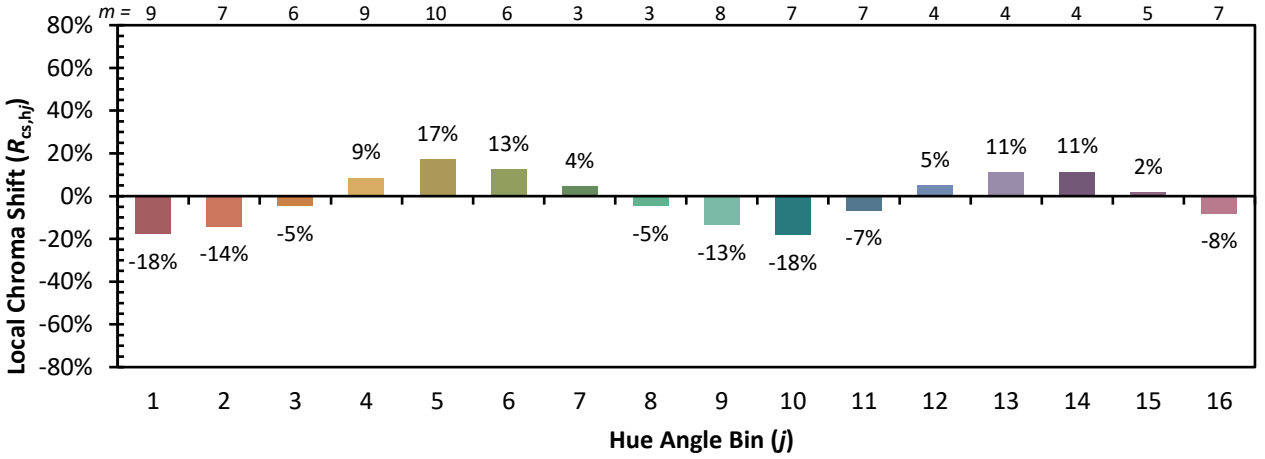
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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	

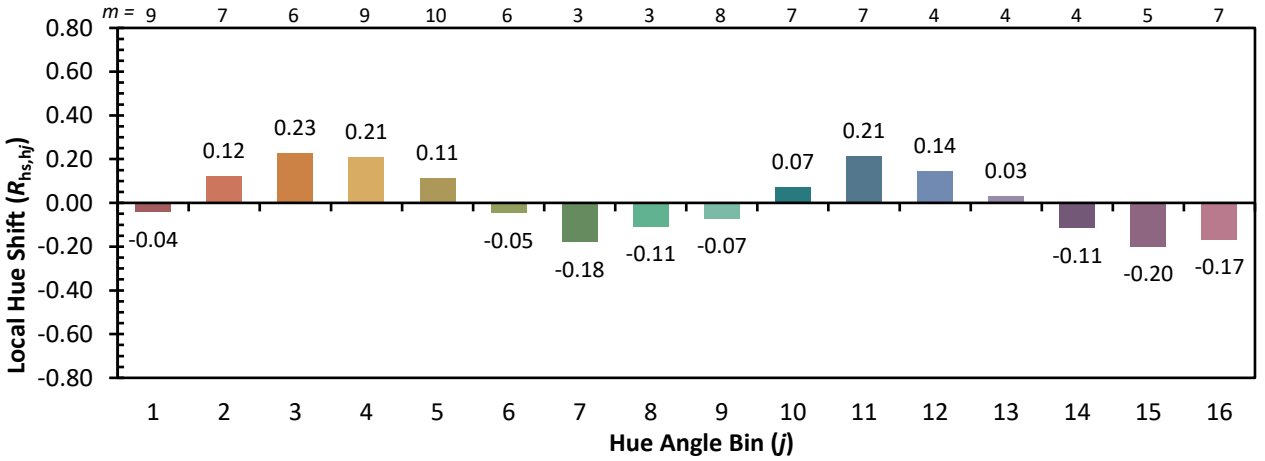


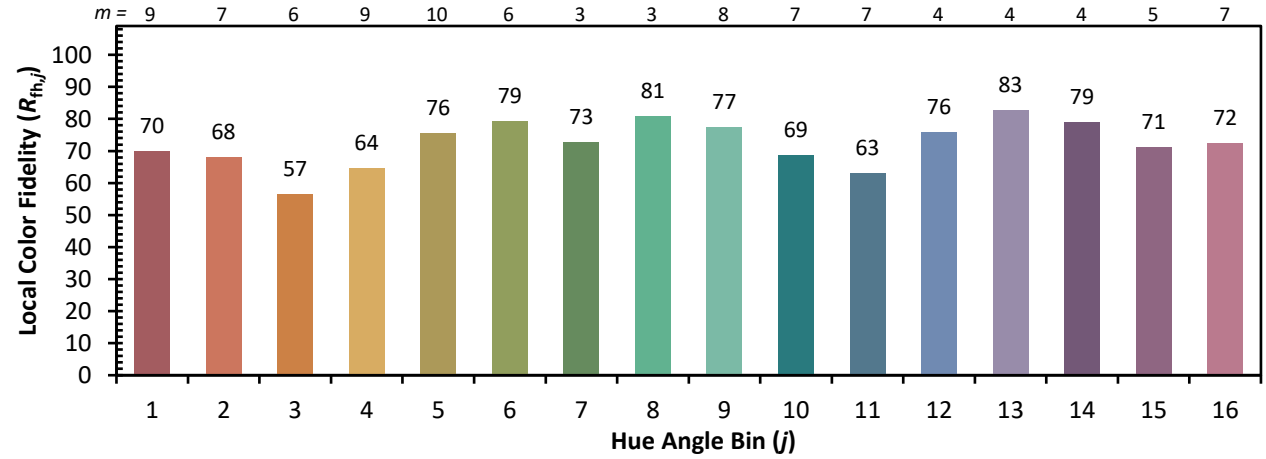
REPORT NUMBER: SP1-2407-184-5

TM-30-18

Color Rendition by Hue-Angle Bin



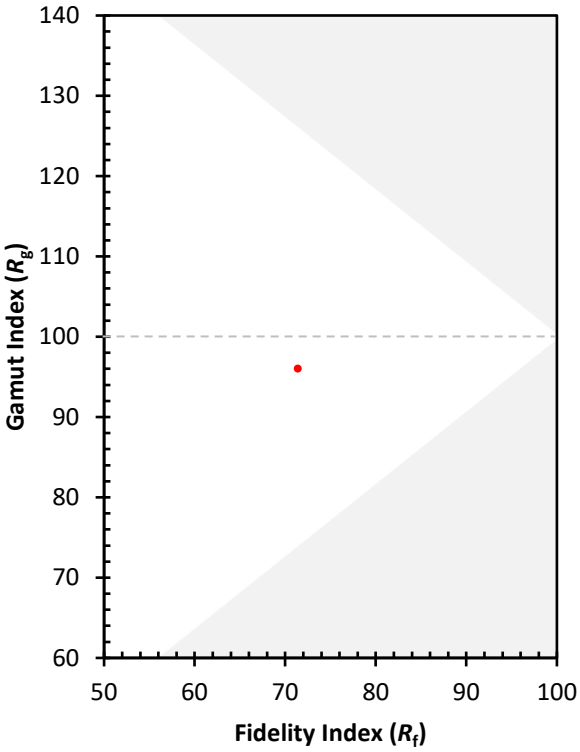


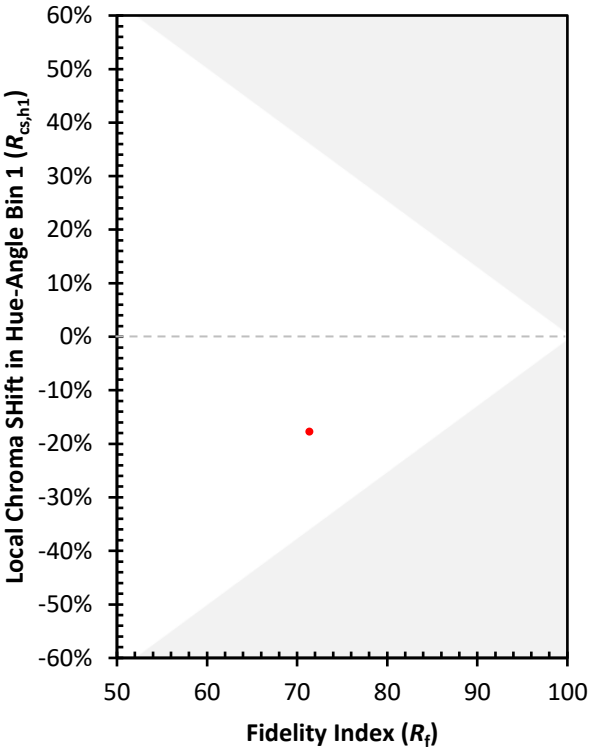


REPORT NUMBER: SP1-2407-184-5

TM-30-18

Measure Comparisons





(END OF REPORT)