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: P1359234

Luminaire Tested: **GSS-SB3D-735-U-T2**

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:	P1359234
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3D-735-U-T2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 219W 70CRI 3500K FIXTURE w/ TYPE II DISTRIBUTION OPTIC
Light Source:	(78) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27852.4 lumens
Efficiency:	N/A
Efficacy:	127.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

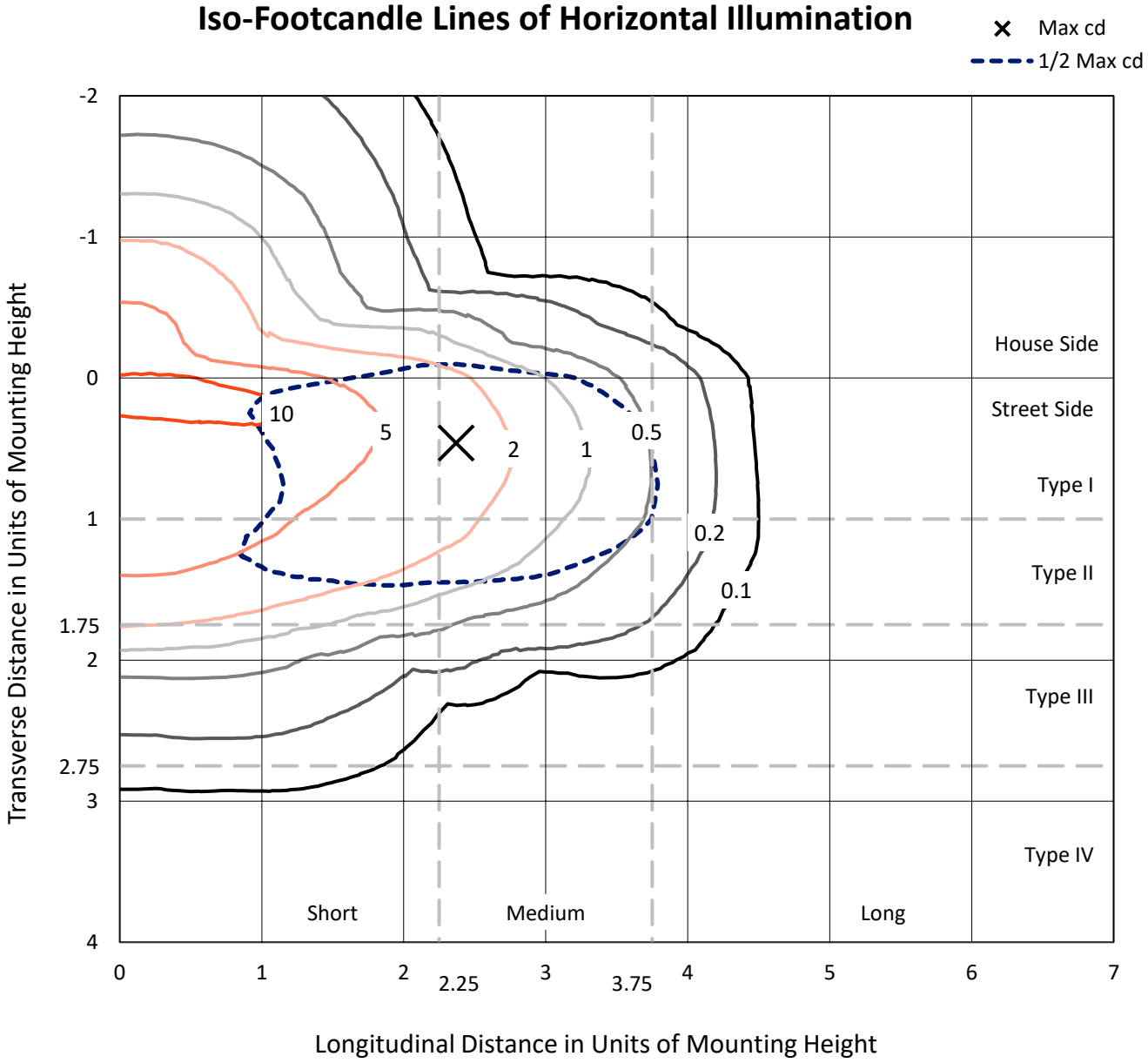
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1359234
CATALOG NUMBER: GSS-SB3D-735-U-T2

Iso-Footcandle Lines of Horizontal Illumination



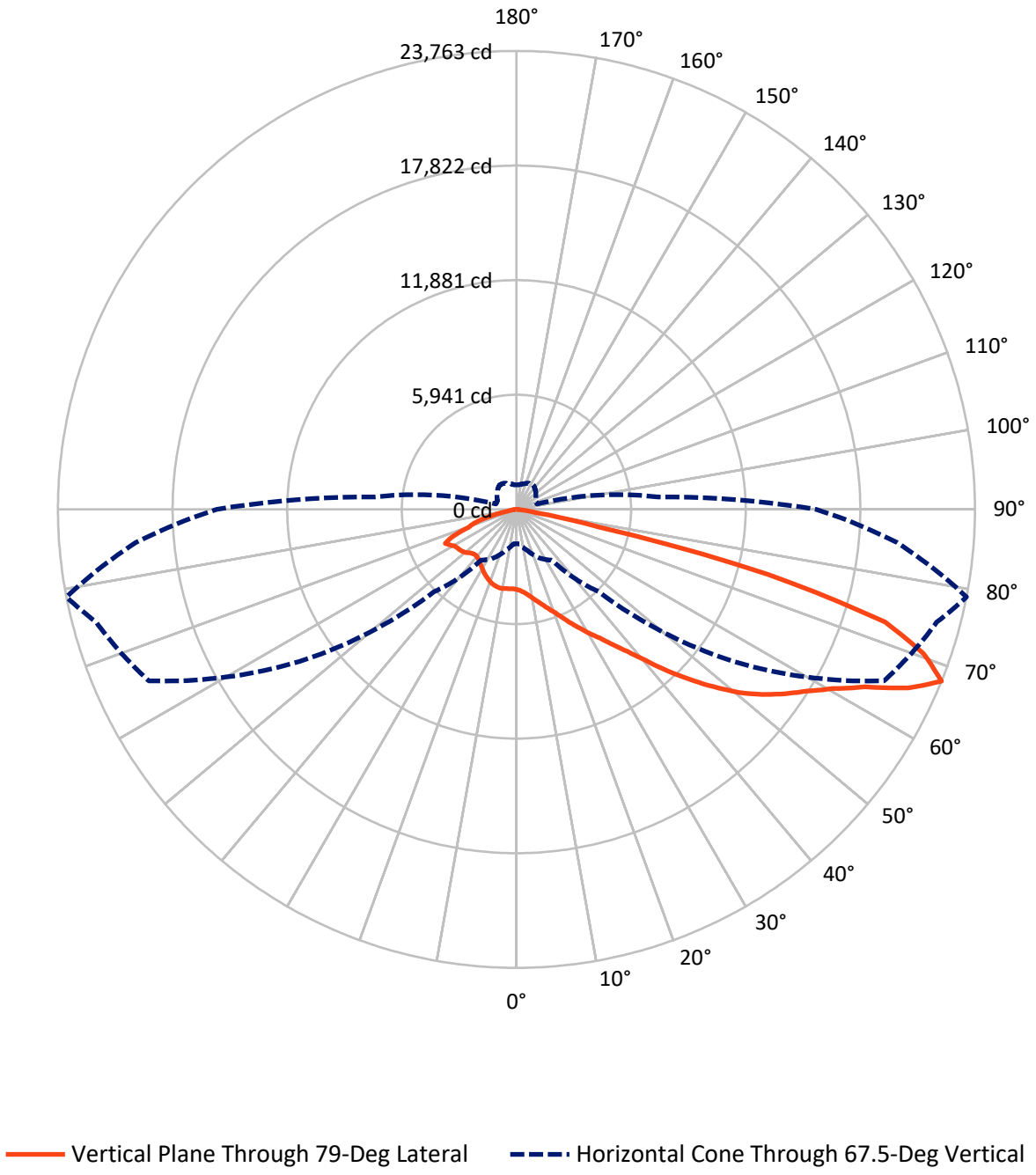
Based on 20 foot mounting height. Maximum calculated value = 12.4 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1359234
CATALOG NUMBER: GSS-SB3D-735-U-T2

Luminous Intensity Polar Plot



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

Scaled Data Report

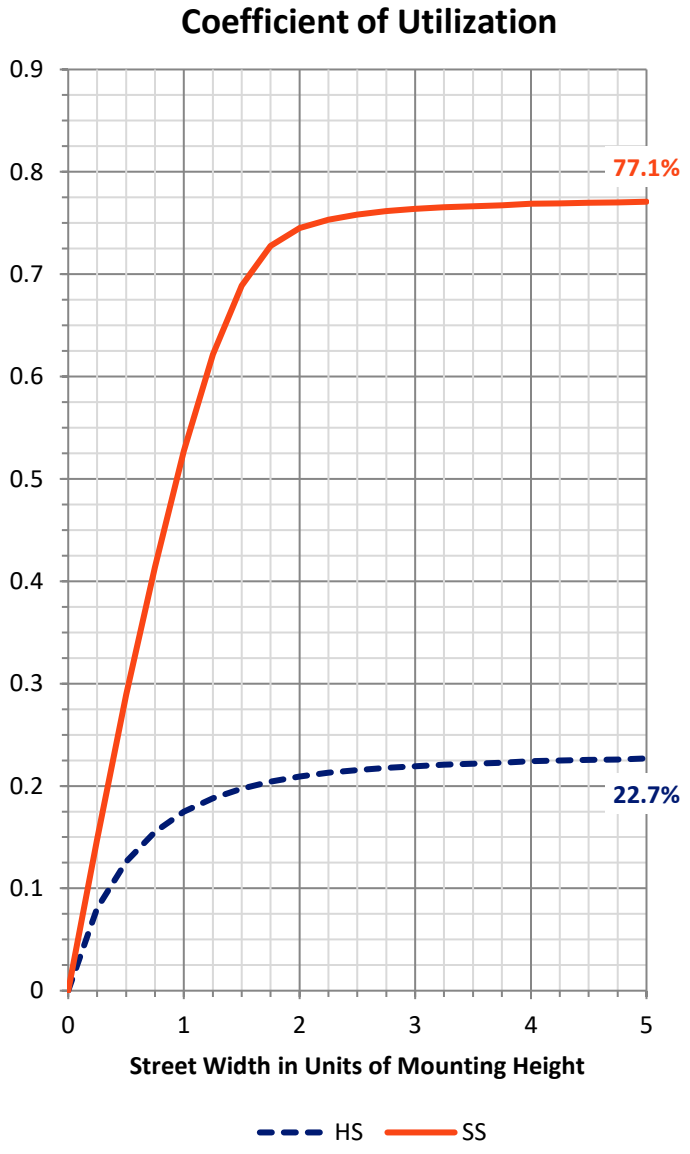
REPORT NUMBER: P1359234
CATALOG NUMBER: GSS-SB3D-735-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6381.7	0.0	6381.7
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	21470.8	0.0	21470.8
	% Fixture	77.1	0.0	77.1
Total	Lumens	27852.4	0.0	27852.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	397.0	1.4
10°-20°	1195.1	4.3
20°-30°	2019.2	7.2
30°-40°	3115.0	11.2
40°-50°	4757.1	17.1
50°-60°	6577.4	23.6
60°-70°	6647.0	23.9
70°-80°	2924.4	10.5
80°-90°	220.3	0.8
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°	27852.4	100.0
0°-180°	27852.4	100.0



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

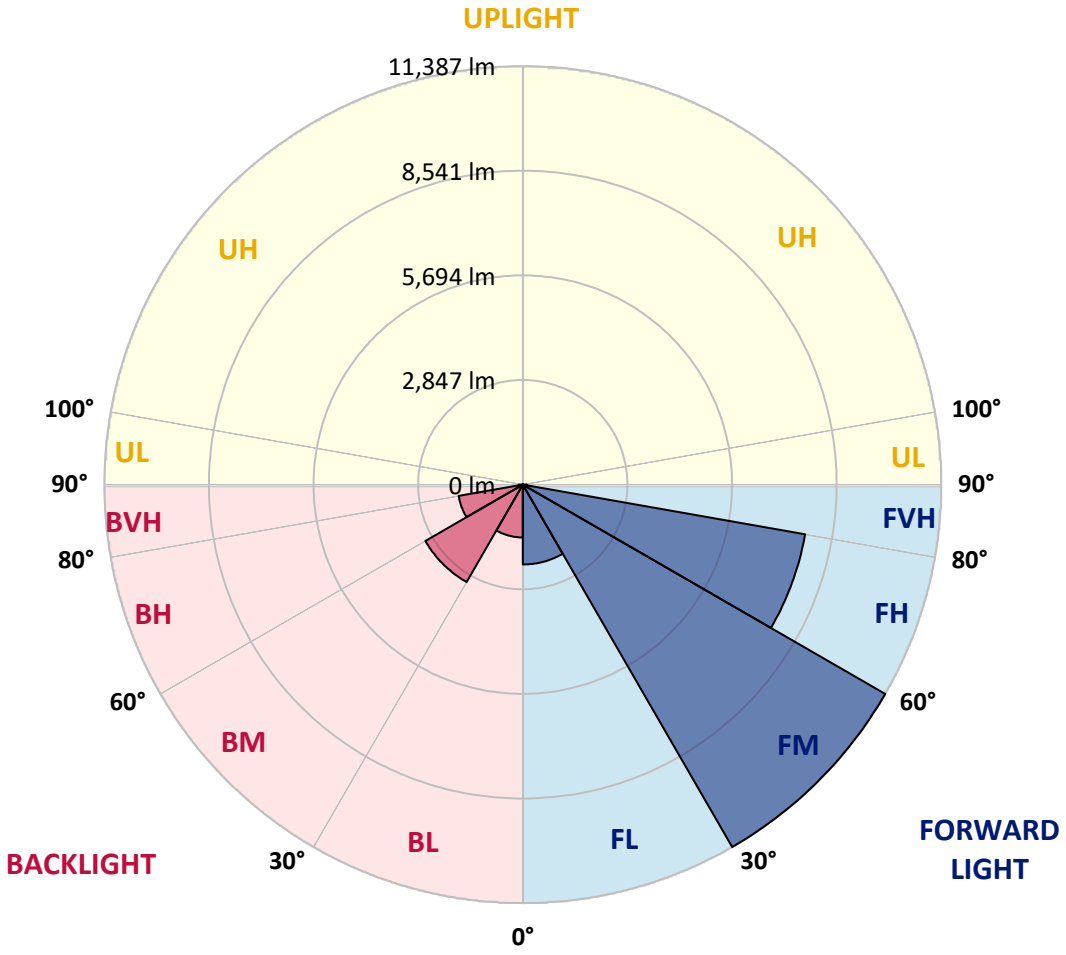
Scaled Data Report

REPORT NUMBER: P1359234
CATALOG NUMBER: GSS-SB3D-735-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2173.0	7.8			
FM	(30°-60°)	11387.4	40.9			
FH	(60°-80°)	7798.8	28.0			G4/12000
FVH	(80°-90°)	111.6	0.4			G2/225
BL	(0°-30°)	1438.2	5.2	B3/2500		
BM	(30°-60°)	3062.1	11.0	B3/5000		
BH	(60°-80°)	1772.6	6.4	B3/2500		G3/2500
BVH	(80°-90°)	108.7	0.4			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 II Medium



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

Scaled Data Report

REPORT NUMBER: P1359234
CATALOG NUMBER: GSS-SB3D-735-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	*4154.3*	4154.3
2.5°	4347.0	4415.5	4415.5	4384.4	4371.9	4365.7	4322.2	4272.4	4253.8	*4222.7*	4204.0
5°	4614.5	4614.5	4626.9	4595.8	4614.5	4589.6	4527.4	4465.2	4390.6	*4334.6*	4309.7
7.5°	4639.3	4689.1	4720.2	4720.2	4757.5	4763.7	4732.6	4664.2	4570.9	*4483.9*	4440.3
10°	4664.2	4707.7	4707.7	4757.5	4838.3	4900.5	4919.2	4894.3	4745.1	*4682.9*	4595.8
12.5°	4608.2	4658.0	4676.6	4776.1	4888.1	5006.3	5093.3	5105.8	5012.5	*4900.5*	4769.9
15°	4415.5	4459.0	4533.6	4682.9	4881.9	5062.2	5230.1	5323.4	5217.7	*5136.8*	4956.5
17.5°	4154.3	4179.1	4303.5	4496.3	4769.9	5074.7	5366.9	5547.3	5522.4	*5416.7*	5205.3
20°	4129.4	4154.3	4191.6	4334.6	4651.8	5031.1	5454.0	5802.3	5870.7	*5709.0*	5447.8
22.5°	4340.8	4365.7	4365.7	4384.4	4583.4	4993.8	5541.1	6075.9	6231.4	*6094.6*	5758.7
25°	4633.1	4682.9	4626.9	4583.4	4651.8	5018.7	5590.8	6386.9	6691.6	*6523.7*	6107.0
27.5°	5049.8	5043.6	4993.8	4863.2	4844.6	5093.3	5727.6	6629.4	7133.1	*6959.0*	6467.7
30°	5628.1	5659.2	5547.3	5273.7	5149.3	5261.2	5914.2	6828.4	7599.6	*7456.5*	6809.7
32.5°	6281.1	6268.7	6131.9	5870.7	5566.0	5534.9	6088.3	7039.8	8134.4	*7954.0*	7238.9
35°	6983.9	6971.4	6927.9	6480.1	6082.1	5914.2	6368.2	7282.4	8756.3	*8607.0*	7742.6
37.5°	7618.2	7674.2	7804.8	7083.4	6660.5	6411.7	6728.9	7686.6	9552.3	*9334.6*	8352.0
40°	8159.3	8258.8	8383.1	7730.1	7201.5	6990.1	7207.8	8345.8	10404.3	*10273.7*	9085.9
42.5°	8656.8	8725.2	8712.7	8314.7	7860.7	7624.4	7811.0	9029.9	11505.0	*11411.8*	9987.6
45°	9266.2	9340.9	9309.8	8930.4	8476.4	8265.0	8600.8	9832.2	12549.8	*12562.3*	10839.6
47.5°	9863.2	9937.9	9919.2	9571.0	9135.6	8961.5	9421.7	10777.4	13557.3	*13725.2*	11766.2
50°	10423.0	10491.4	10528.7	10311.0	9931.7	9745.1	10223.9	11666.7	14533.7	*14913.0*	12649.3
52.5°	10578.4	10665.5	10920.5	11001.3	10833.4	10609.5	10957.8	12518.7	15373.2	*15939.2*	13501.3
55°	10068.5	10217.7	10765.0	11175.4	11673.0	11697.8	11722.7	13345.9	16107.1	*16865.8*	14278.7
57.5°	9179.2	9204.0	9844.6	10677.9	11859.5	12916.7	13041.1	14309.8	16822.2	*17767.5*	15049.8
60°	7207.8	7077.2	8115.7	9527.4	11187.9	13401.8	15143.1	15802.3	17711.6	*18855.8*	15976.5
62.5°	3862.0	3874.4	4732.6	6486.4	9266.2	12929.2	16946.6	18028.7	19011.3	*20267.5*	17350.9
65°	2425.4	2518.7	3003.8	3781.1	5609.5	10273.7	17058.6	20988.9	21069.8	*22319.8*	19073.5
67.5°	*1772.4*	*1797.3*	*2207.7*	*2773.6*	*3215.2*	*6026.2*	*13731.4*	*21026.3*	*22556.1*	*23762.6*	*19807.3*
70°	1318.4	1330.9	1623.1	2089.6	2344.5	2823.4	8750.1	18196.6	21785.0	*22382.0*	17972.7
72.5°	963.9	970.2	1125.6	1536.1	1847.0	1679.1	4110.7	13109.5	18918.0	*19981.5*	16169.3
75°	677.9	690.3	802.2	1063.4	1243.8	1169.2	1567.2	8196.6	13582.2	*13464.0*	11293.6
77.5°	510.0	516.2	590.8	752.5	845.8	764.9	883.1	3830.9	4850.8	*4378.1*	3563.5
80°	373.1	391.8	429.1	472.6	565.9	491.3	497.5	1075.9	1169.2	*1026.1*	920.4
82.5°	199.0	223.9	286.1	286.1	329.6	292.3	261.2	478.9	503.7	*472.6*	410.5
85°	62.2	62.2	68.4	87.1	130.6	130.6	130.6	161.7	167.9	*167.9*	143.0
87.5°	12.4	12.4	12.4	12.4	18.7	24.9	37.3	49.8	56.0	*62.2*	62.2
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

Scaled Data Report

REPORT NUMBER: P1359234
CATALOG NUMBER: GSS-SB3D-735-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3	4154.3
2.5°	4191.6	4148.0	4104.5	4029.9	3992.6	3936.6	3886.8	3862.0	3843.3	3837.1	3837.1
5°	4272.4	4204.0	4067.2	3936.6	3818.4	3712.7	3631.9	3569.7	3532.4	3501.3	3501.3
7.5°	4353.3	4260.0	4054.8	3824.7	3656.7	3526.1	3414.2	3376.9	3364.4	3333.4	3314.7
10°	4490.1	4340.8	4036.1	3706.5	3470.2	3358.2	3308.5	3296.0	3302.3	3308.5	3308.5
12.5°	4595.8	4434.1	3986.3	3557.2	3327.1	3264.9	3271.2	3302.3	3352.0	3345.8	3333.4
15°	4745.1	4502.5	3886.8	3383.1	3215.2	3215.2	3277.4	3345.8	3395.5	3426.6	3408.0
17.5°	4919.2	4583.4	3737.6	3221.4	3121.9	3177.9	3308.5	3376.9	3464.0	3482.6	3470.2
20°	5136.8	4651.8	3569.7	3065.9	3059.7	3177.9	3289.8	3389.3	3457.7	3476.4	3488.8
22.5°	5348.3	4714.0	3352.0	2954.0	2991.3	3140.6	3246.3	3352.0	3383.1	3401.8	3408.0
25°	5566.0	4776.1	3153.0	2866.9	2941.6	3090.8	3177.9	3221.4	3227.6	3215.2	3215.2
27.5°	5802.3	4782.4	2954.0	2798.5	2885.6	3016.2	3065.9	3078.4	3053.5	2966.4	2941.6
30°	6051.0	4720.2	2792.3	2736.3	2823.4	2929.1	2966.4	2929.1	2842.1	2717.7	2705.2
32.5°	6256.3	4626.9	2674.1	2661.7	2755.0	2848.3	2848.3	2779.9	2649.3	2524.9	2518.7
35°	6567.2	4496.3	2556.0	2612.0	2692.8	2736.3	2748.8	2649.3	2506.2	2388.1	2375.6
37.5°	6871.9	4384.4	2506.2	2549.8	2624.4	2661.7	2624.4	2524.9	2431.6	2332.1	2332.1
40°	7344.6	4315.9	2444.0	2506.2	2568.4	2574.6	2506.2	2431.6	2444.0	2388.1	2381.9
42.5°	7860.7	4309.7	2419.2	2462.7	2506.2	2493.8	2394.3	2394.3	2413.0	2307.2	2282.4
45°	8451.5	4396.8	2419.2	2400.5	2425.4	2388.1	2332.1	2319.7	2276.1	2120.7	2114.4
47.5°	9067.2	4608.2	2431.6	2313.4	2307.2	2294.8	2269.9	2226.4	2095.8	1965.2	1946.5
50°	9552.3	4900.5	2468.9	2201.5	2176.6	2220.2	2176.6	2102.0	1952.7	1828.4	1809.7
52.5°	10130.7	5192.8	2444.0	2064.7	2033.6	2145.5	2102.0	1996.3	1884.3	1809.7	1791.1
55°	10740.1	5497.5	2344.5	1878.1	1903.0	2052.3	2039.8	1921.7	1784.8	1685.3	1672.9
57.5°	11349.6	5883.1	2176.6	1716.4	1809.7	1996.3	1946.5	1803.5	1710.2	1641.8	1629.4
60°	12282.4	6436.6	1934.1	1548.5	1716.4	1878.1	1797.3	1753.7	1654.2	1598.3	1567.2
62.5°	13488.9	7357.0	1616.9	1393.0	1585.8	1735.1	1728.9	1679.1	1592.0	1529.9	1511.2
65°	15205.3	8233.9	1324.6	1243.8	1417.9	1561.0	1635.6	1592.0	1505.0	1436.6	1430.4
67.5°	*15534.9*	*7357.0*	*1100.8*	*1088.3*	*1231.4*	*1393.0*	*1536.1*	*1505.0*	*1368.2*	*1281.1*	*1268.7*
70°	13520.0	5255.0	926.6	939.1	1075.9	1218.9	1374.4	1299.8	1187.8	1138.1	1131.8
72.5°	12002.6	4515.0	777.4	802.2	901.7	1032.3	1125.6	1150.5	1069.7	1026.1	1007.5
75°	8650.6	3383.1	628.1	659.2	727.6	802.2	976.4	1019.9	945.3	901.7	870.7
77.5°	3209.0	1411.7	466.4	497.5	547.3	653.0	789.8	883.1	827.1	858.2	771.1
80°	771.1	497.5	342.0	335.8	385.6	491.3	628.1	696.5	640.6	609.5	528.6
82.5°	335.8	242.5	223.9	223.9	236.3	323.4	416.7	491.3	478.9	398.0	379.4
85°	124.4	105.7	105.7	111.9	111.9	149.3	223.9	261.2	236.3	205.2	199.0
87.5°	56.0	56.0	43.5	37.3	31.1	31.1	37.3	24.9	18.7	12.4	12.4
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

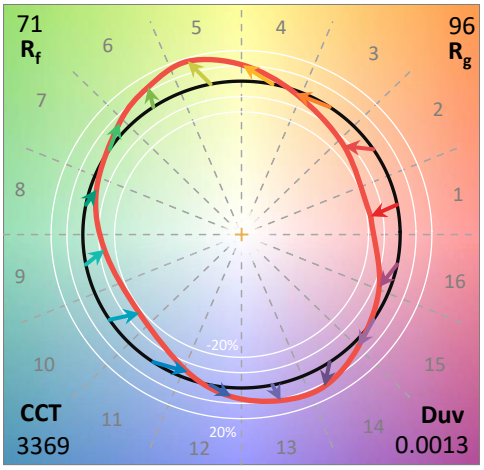
Test Information

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

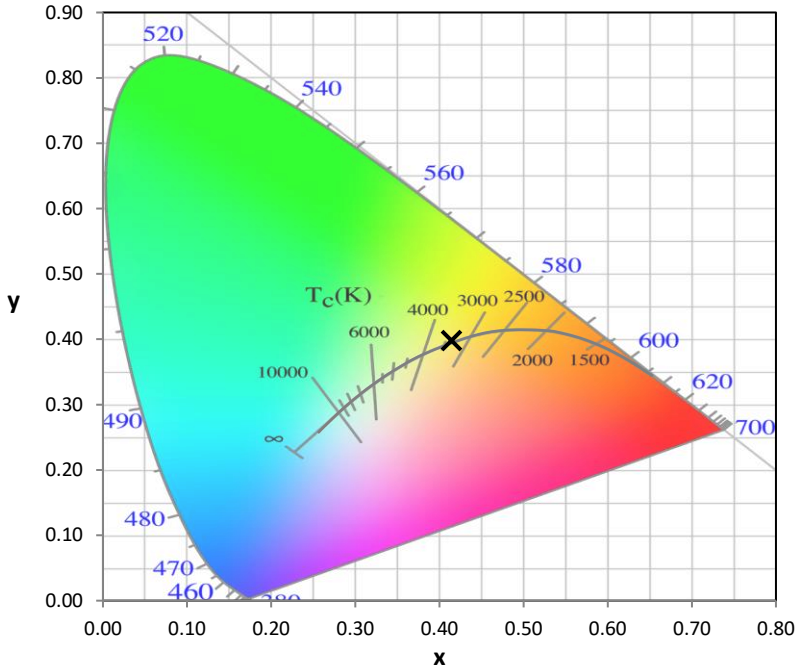
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

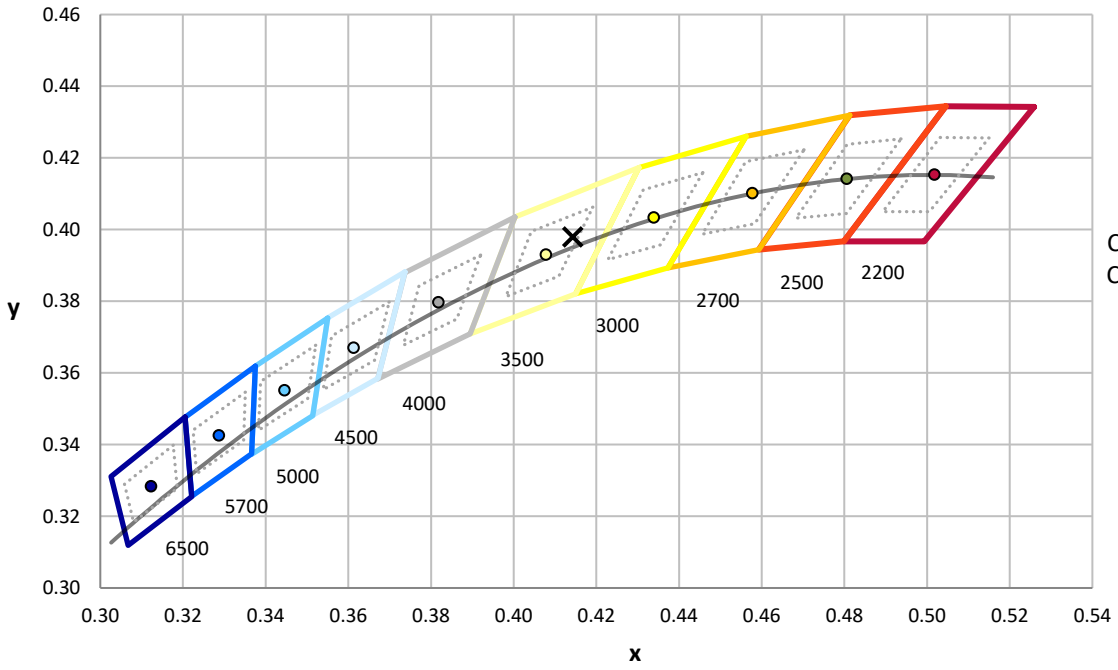
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

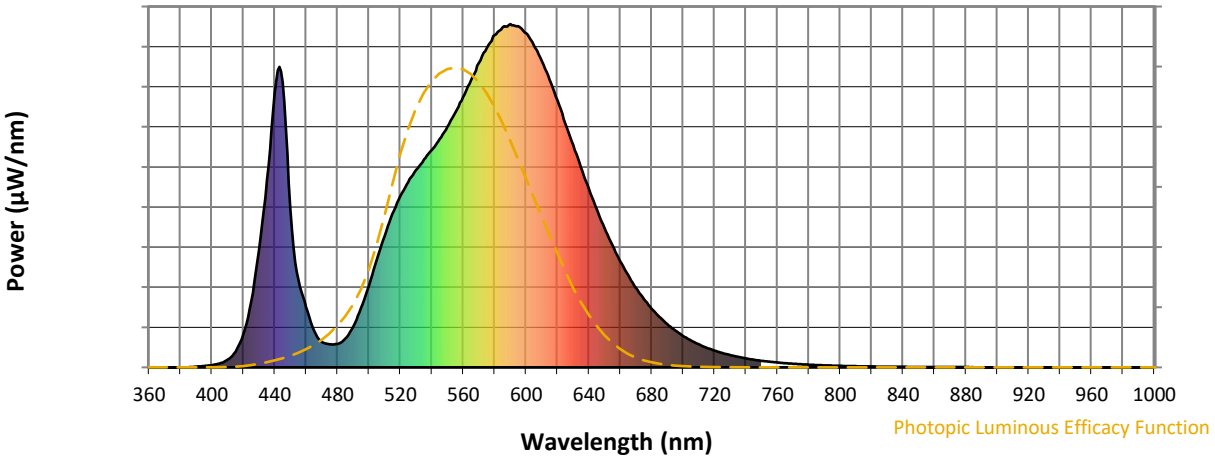


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

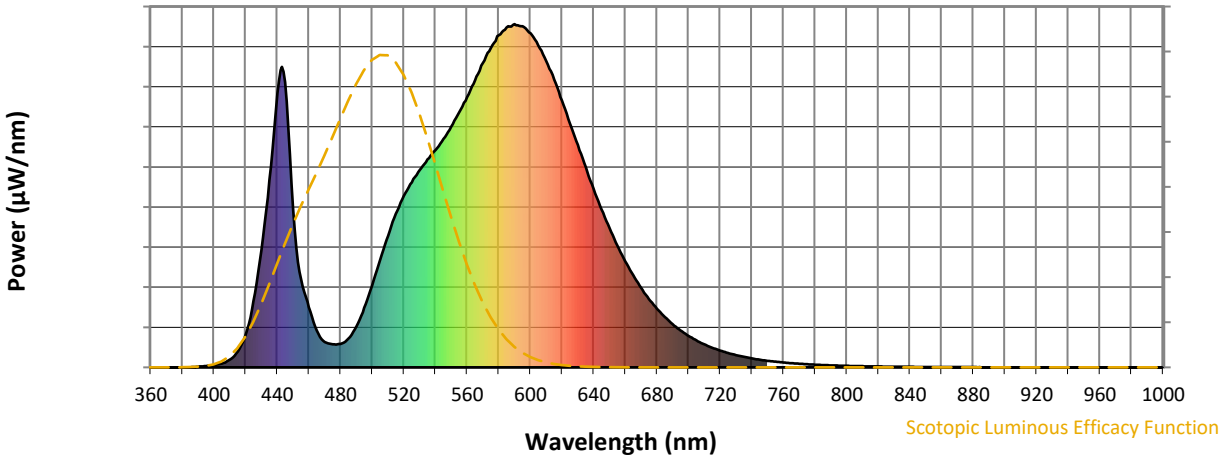


Photopic Lumens: NR

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

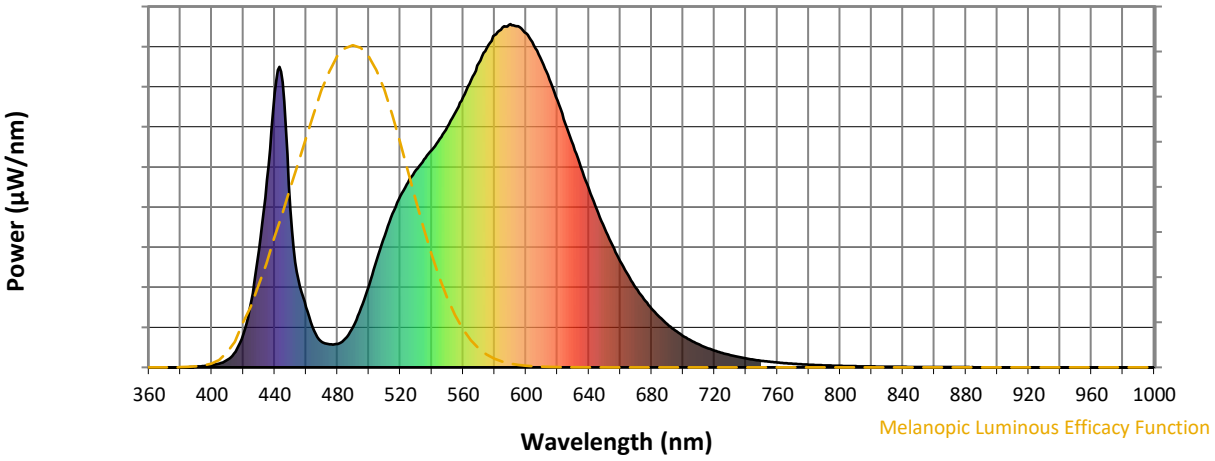


Scotopic Lumens: NR **S/P: 1.29**

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			

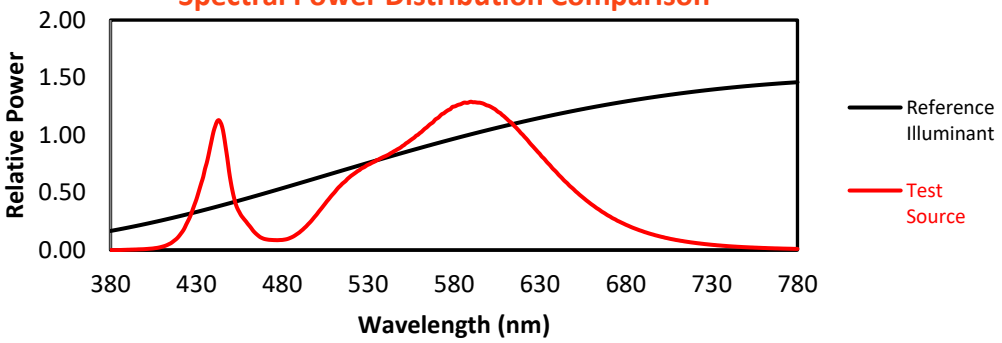
REPORT NUMBER: SP1-2407-184-5

TM-30-18

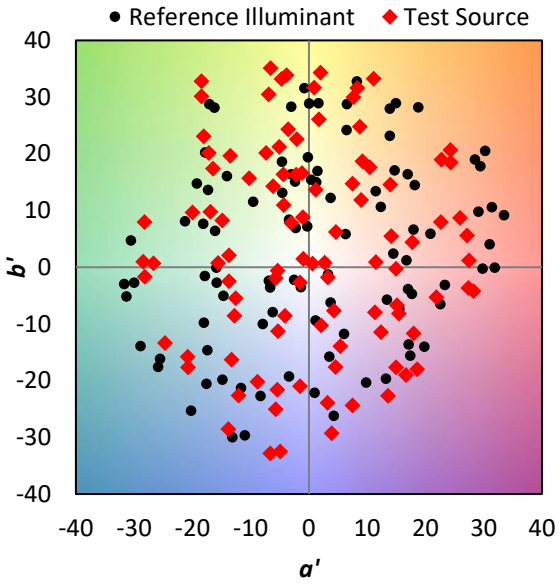
Summary

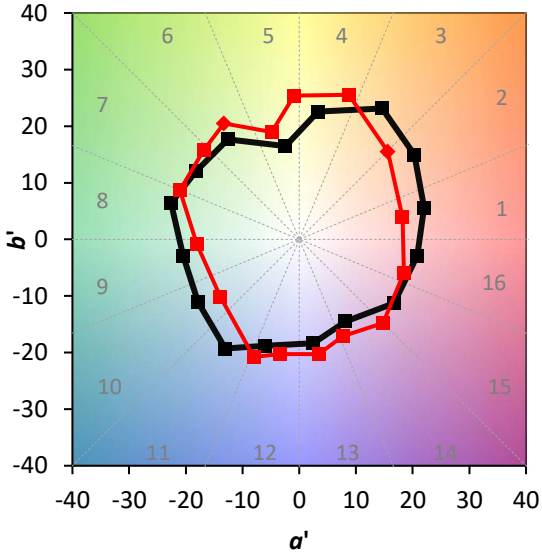
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

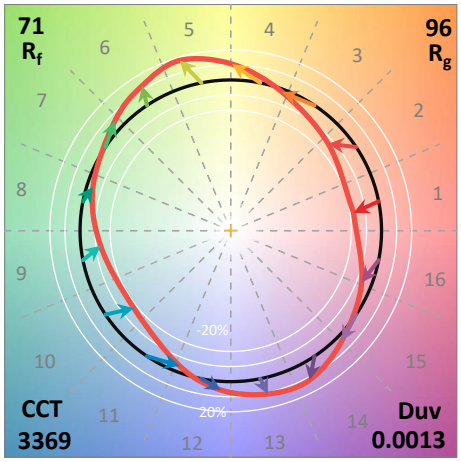
Spectral Power Distribution Comparison

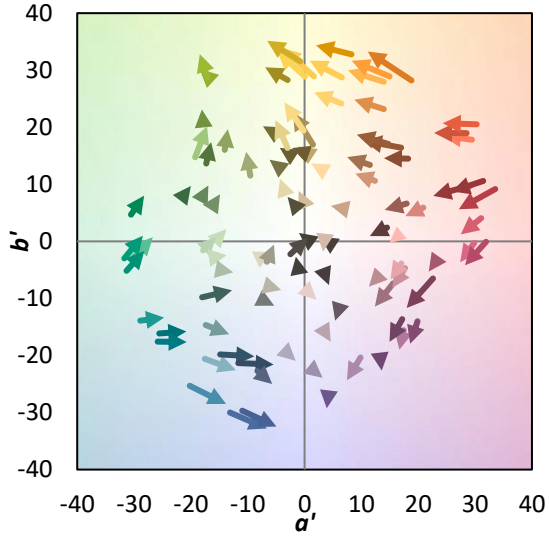


Color Vector Graphics







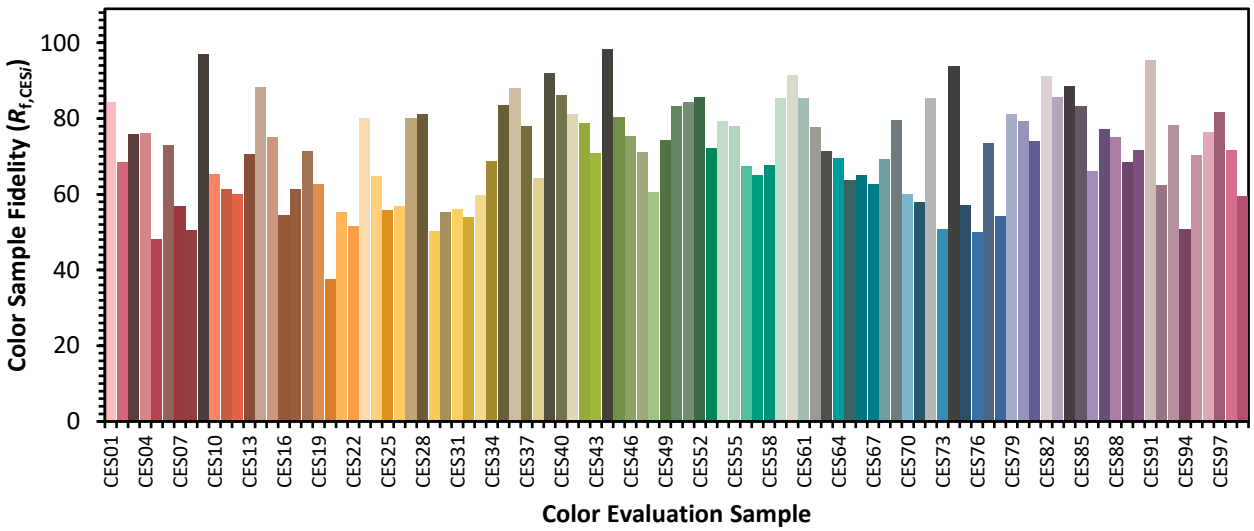


REPORT NUMBER: SP1-2407-184-5

TM-30-18

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

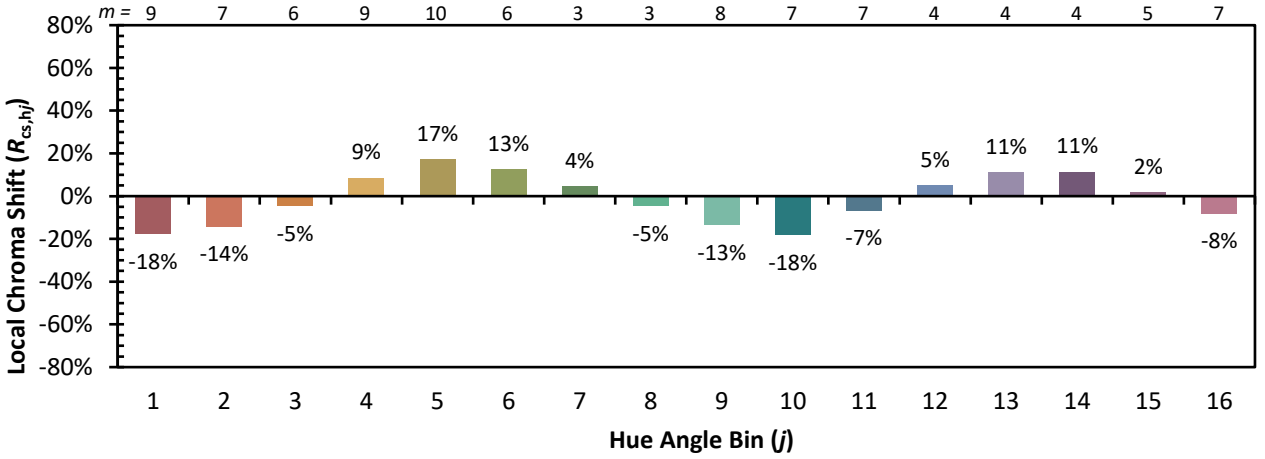
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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

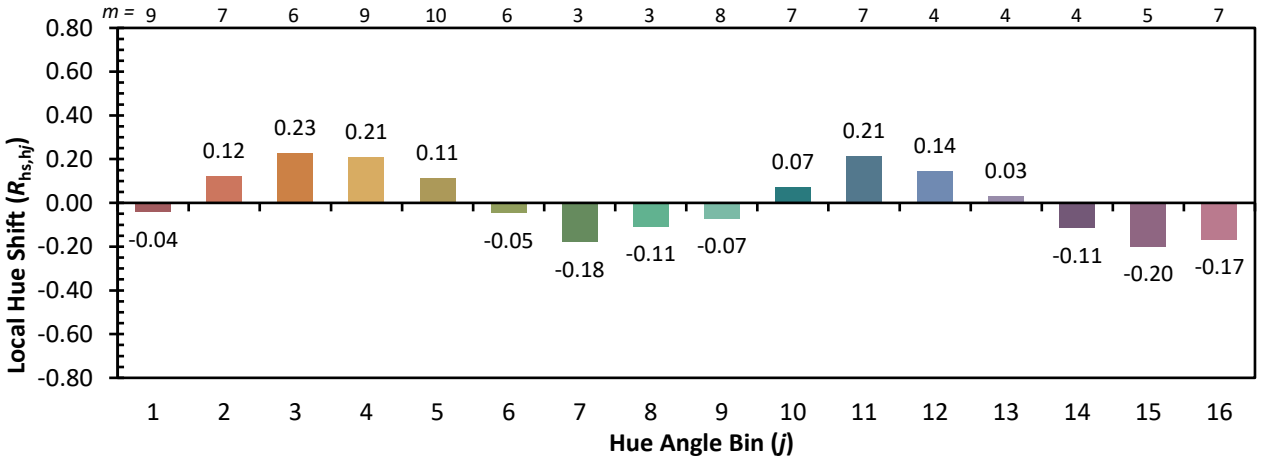


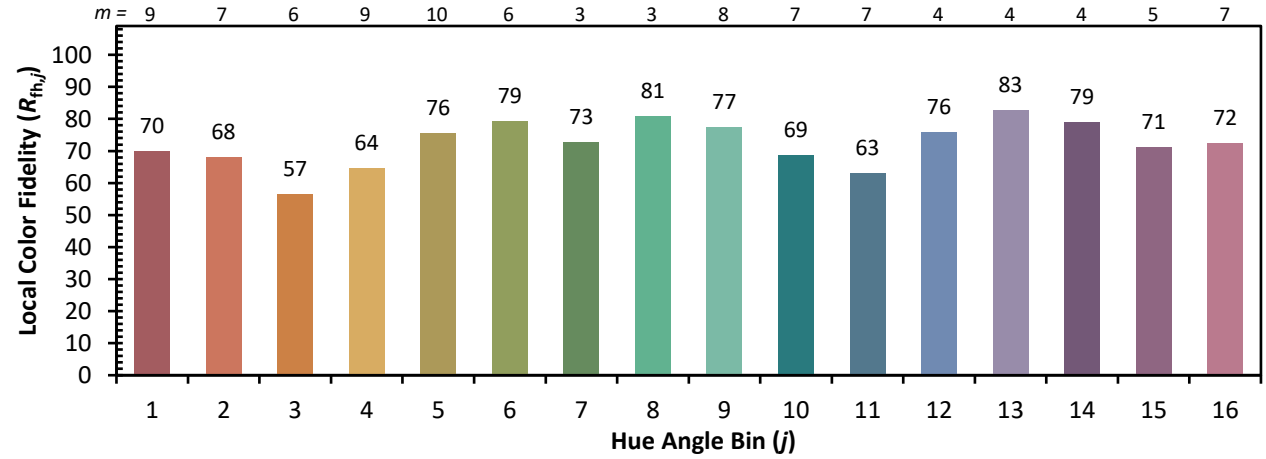
REPORT NUMBER: SP1-2407-184-5

TM-30-18

Color Rendition by Hue-Angle Bin



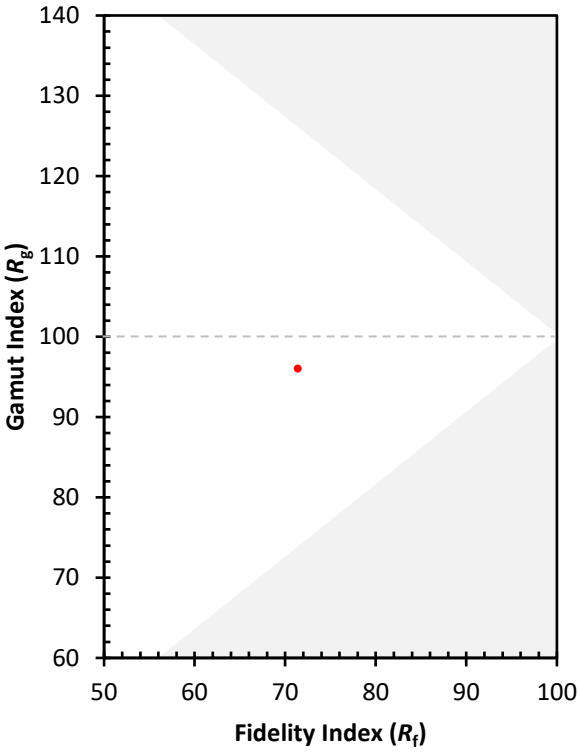


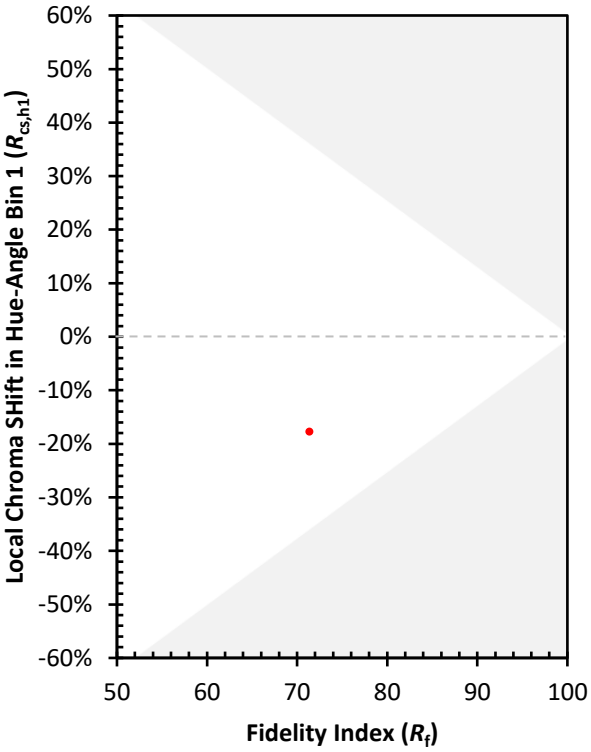


REPORT NUMBER: SP1-2407-184-5

TM-30-18

Measure Comparisons





(END OF REPORT)