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: P1359240

Luminaire Tested: **GSS-SB5B-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:	P1359240
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5B-735-U-T2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 184W 70CRI 3500K FIXTURE w/ TYPE II DISTRIBUTION OPTIC
Light Source:	(130) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	26688.6 lumens
Efficiency:	N/A
Efficacy:	145.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

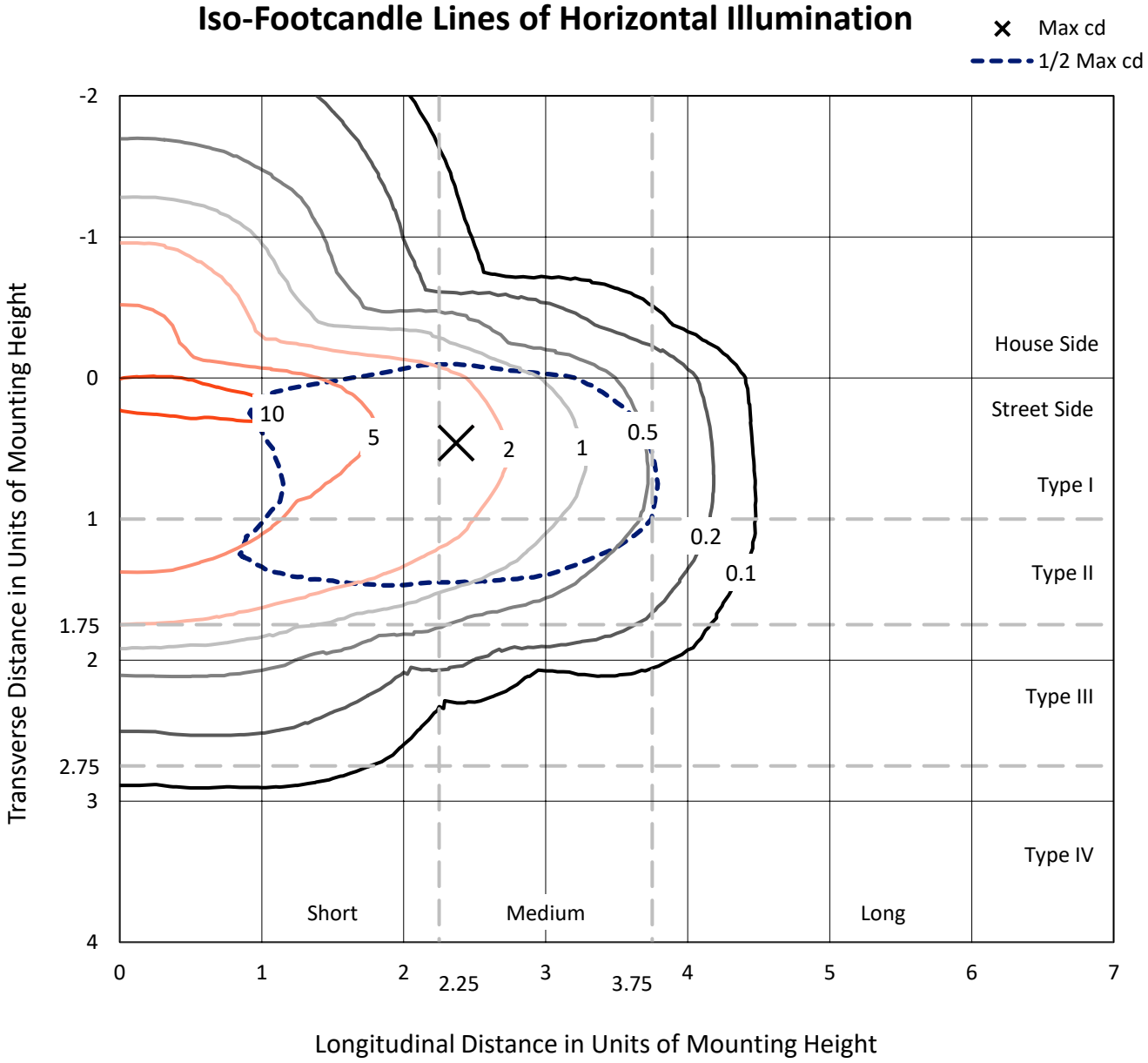
Input Watts (W):	184
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1359240
CATALOG NUMBER: GSS-SB5B-735-U-T2

Iso-Footcandle Lines of Horizontal Illumination



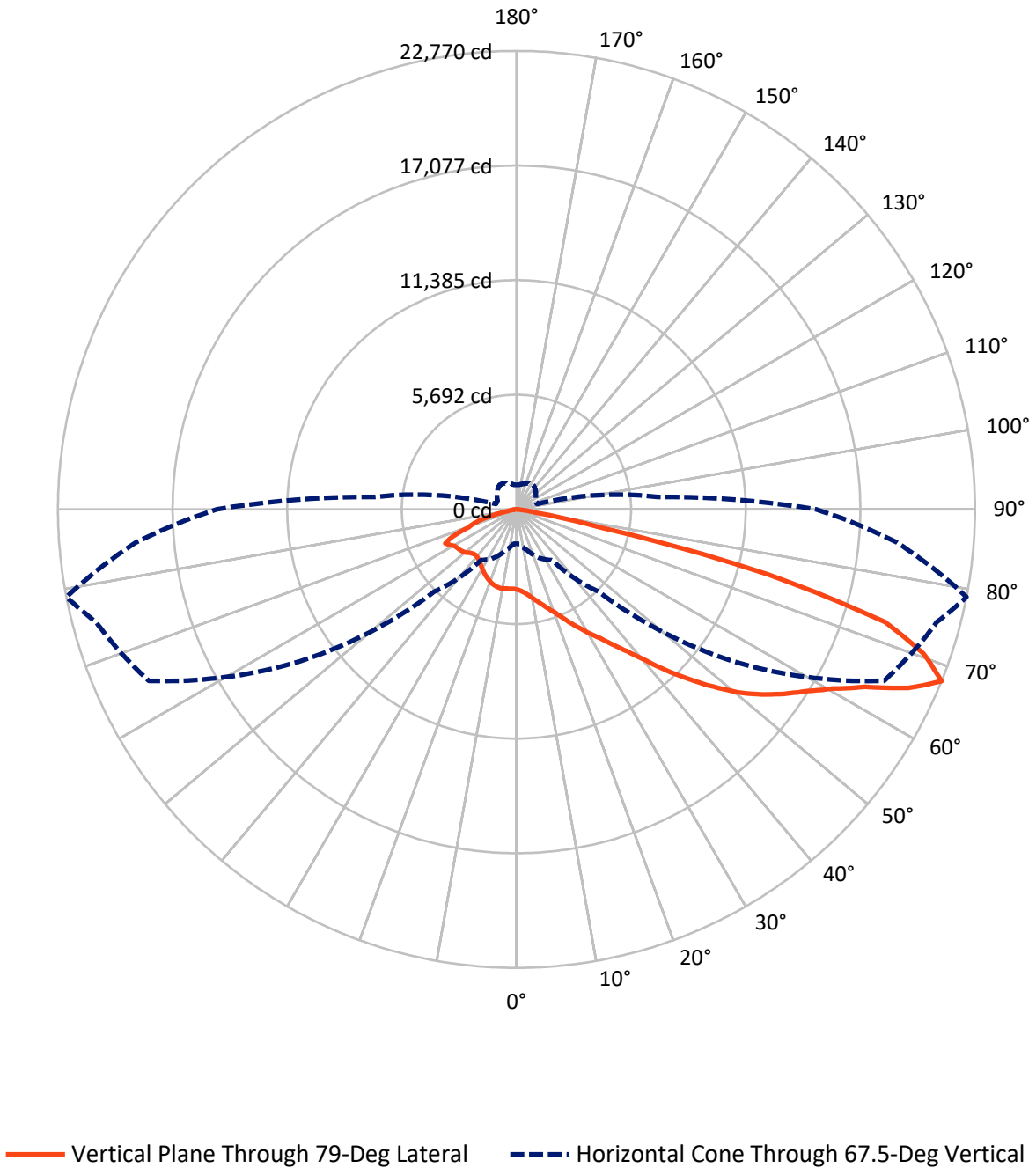
Based on 20 foot mounting height. Maximum calculated value = 11.9 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1359240
CATALOG NUMBER: GSS-SB5B-735-U-T2

Luminous Intensity Polar Plot



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

Scaled Data Report

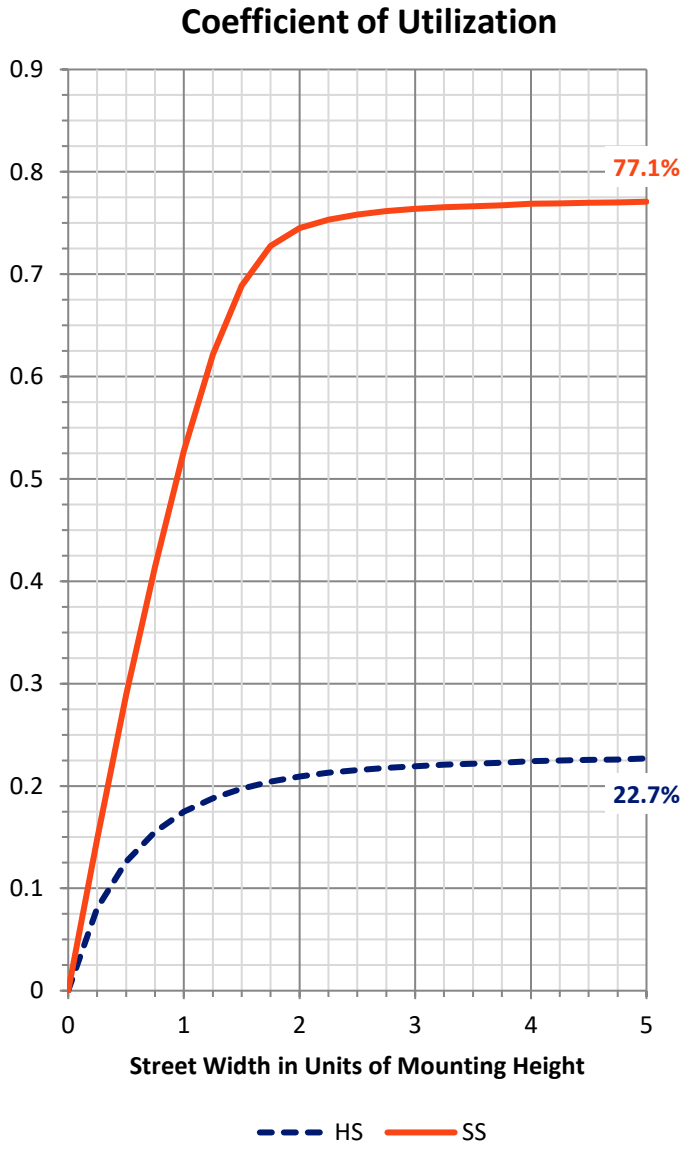
REPORT NUMBER: P1359240
CATALOG NUMBER: GSS-SB5B-735-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6115.0	0.0	6115.0
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	20573.6	0.0	20573.6
	% Fixture	77.1	0.0	77.1
Total	Lumens	26688.6	0.0	26688.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	380.4	1.4
10°-20°	1145.1	4.3
20°-30°	1934.8	7.2
30°-40°	2984.8	11.2
40°-50°	4558.3	17.1
50°-60°	6302.5	23.6
60°-70°	6369.2	23.9
70°-80°	2802.2	10.5
80°-90°	211.1	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°	26688.6	100.0
0°-180°	26688.6	100.0



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

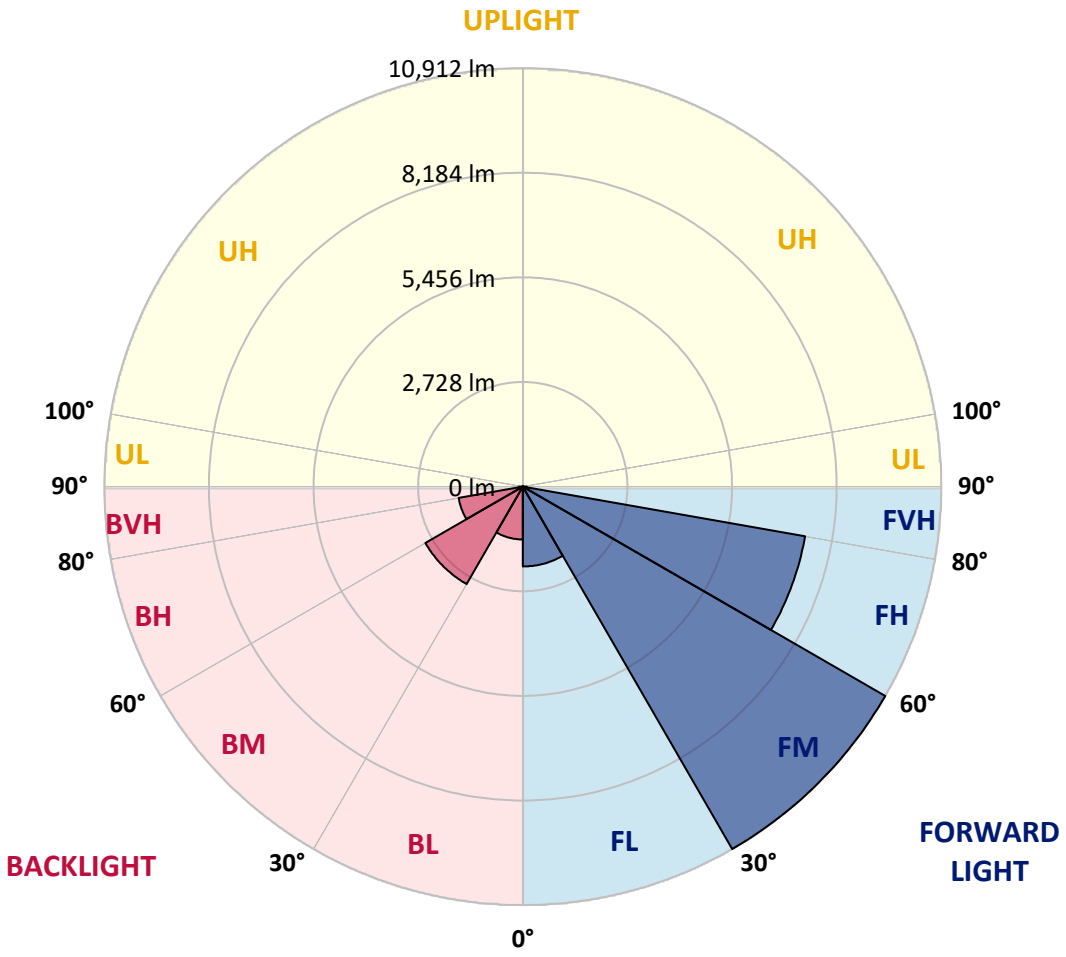
Scaled Data Report

REPORT NUMBER: P1359240
CATALOG NUMBER: GSS-SB5B-735-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2082.2	7.8			
FM	(30°-60°)	10911.6	40.9			
FH	(60°-80°)	7472.9	28.0			G3/7500
FVH	(80°-90°)	106.9	0.4			G2/225
BL	(0°-30°)	1378.1	5.2	B3/2500		
BM	(30°-60°)	2934.2	11.0	B3/5000		
BH	(60°-80°)	1698.6	6.4	B3/2500		G3/2500
BVH	(80°-90°)	104.2	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-G3
Type II Medium



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

Scaled Data Report

REPORT NUMBER: P1359240
CATALOG NUMBER: GSS-SB5B-735-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	*3980.7*	3980.7
2.5°	4165.4	4230.9	4230.9	4201.2	4189.2	4183.3	4141.6	4093.9	4076.0	*4046.2*	4028.3
5°	4421.6	4421.6	4433.6	4403.8	4421.6	4397.8	4338.2	4278.6	4207.1	*4153.5*	4129.6
7.5°	4445.5	4493.1	4522.9	4522.9	4558.7	4564.7	4534.9	4469.3	4379.9	*4296.5*	4254.8
10°	4469.3	4511.0	4511.0	4558.7	4636.2	4695.8	4713.6	4689.8	4546.8	*4487.2*	4403.8
12.5°	4415.7	4463.4	4481.2	4576.6	4683.8	4797.1	4880.5	4892.4	4803.0	*4695.8*	4570.6
15°	4230.9	4272.7	4344.2	4487.2	4677.9	4850.7	5011.6	5101.0	4999.7	*4922.2*	4749.4
17.5°	3980.7	4004.5	4123.7	4308.4	4570.6	4862.6	5142.7	5315.5	5291.7	*5190.4*	4987.7
20°	3956.8	3980.7	4016.4	4153.5	4457.4	4820.9	5226.1	5559.8	5625.4	*5470.4*	5220.2
22.5°	4159.4	4183.3	4183.3	4201.2	4391.8	4785.1	5309.5	5822.0	5971.0	*5839.9*	5518.1
25°	4439.5	4487.2	4433.6	4391.8	4457.4	4809.0	5357.2	6120.0	6412.0	*6251.1*	5851.8
27.5°	4838.8	4832.8	4785.1	4660.0	4642.1	4880.5	5488.3	6352.4	6835.1	*6668.2*	6197.4
30°	5393.0	5422.8	5315.5	5053.3	4934.1	5041.4	5667.1	6543.1	7282.0	*7144.9*	6525.2
32.5°	6018.7	6006.8	5875.7	5625.4	5333.4	5303.6	5833.9	6745.7	7794.5	*7621.7*	6936.4
35°	6692.0	6680.1	6638.4	6209.4	5828.0	5667.1	6102.1	6978.1	8390.4	*8247.4*	7419.1
37.5°	7299.9	7353.5	7478.6	6787.4	6382.2	6143.8	6447.7	7365.4	9153.1	*8944.6*	8003.0
40°	7818.3	7913.7	8032.8	7407.1	6900.6	6698.0	6906.6	7997.1	9969.5	*9844.4*	8706.2
42.5°	8295.0	8360.6	8348.7	7967.3	7532.3	7305.8	7484.6	8652.6	11024.3	*10934.9*	9570.3
45°	8879.0	8950.5	8920.7	8557.2	8122.2	7919.6	8241.4	9421.3	12025.4	*12037.3*	10386.7
47.5°	9451.1	9522.6	9504.7	9171.0	8753.9	8587.0	9028.0	10327.1	12990.8	*13151.7*	11274.6
50°	9987.4	10053.0	10088.7	9880.2	9516.6	9337.9	9796.7	11179.2	13926.4	*14289.9*	12120.8
52.5°	10136.4	10219.8	10464.1	10541.6	10380.7	10166.2	10499.9	11995.6	14730.8	*15273.1*	12937.2
55°	9647.7	9790.8	10315.2	10708.5	11185.2	11209.0	11232.9	12788.2	15434.0	*16161.0*	13682.0
57.5°	8795.6	8819.4	9433.2	10231.7	11364.0	12377.0	12496.2	13711.8	16119.3	*17025.1*	14421.0
60°	6906.6	6781.4	7776.6	9129.3	10720.4	12841.8	14510.4	15142.0	16971.5	*18067.9*	15308.9
62.5°	3700.6	3712.5	4534.9	6215.3	8879.0	12388.9	16238.5	17275.4	18216.9	*19420.6*	16625.8
65°	2324.0	2413.4	2878.2	3623.1	5375.1	9844.4	16345.8	20111.9	20189.4	*21387.1*	18276.5
67.5°	*1698.3*	*1722.2*	*2115.5*	*2657.7*	*3080.8*	*5774.3*	*13157.6*	*20147.6*	*21613.6*	*22769.6*	*18979.7*
70°	1263.3	1275.2	1555.3	2002.3	2246.6	2705.4	8384.4	17436.3	20874.7	*21446.7*	17221.7
72.5°	923.7	929.6	1078.6	1471.9	1769.8	1609.0	3939.0	12561.7	18127.5	*19146.5*	15493.6
75°	649.5	661.5	768.7	1019.0	1191.8	1120.3	1501.7	7854.1	13014.6	*12901.4*	10821.7
77.5°	488.6	494.6	566.1	721.0	810.4	733.0	846.2	3670.8	4648.1	*4195.2*	3414.6
80°	357.5	375.4	411.2	452.9	542.3	470.8	476.7	1030.9	1120.3	*983.2*	881.9
82.5°	190.7	214.5	274.1	274.1	315.8	280.1	250.3	458.8	482.7	*452.9*	393.3
85°	59.6	59.6	65.5	83.4	125.1	125.1	125.1	154.9	160.9	*160.9*	137.1
87.5°	11.9	11.9	11.9	11.9	17.9	23.8	35.8	47.7	53.6	*59.6*	59.6
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: P1359240
CATALOG NUMBER: GSS-SB5B-735-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7	3980.7
2.5°	4016.4	3974.7	3933.0	3861.5	3825.7	3772.1	3724.4	3700.6	3682.7	3676.8	3676.8
5°	4093.9	4028.3	3897.2	3772.1	3658.9	3557.6	3480.1	3420.5	3384.8	3355.0	3355.0
7.5°	4171.4	4082.0	3885.3	3664.8	3503.9	3378.8	3271.5	3235.8	3223.9	3194.1	3176.2
10°	4302.5	4159.4	3867.4	3551.6	3325.2	3217.9	3170.2	3158.3	3164.3	3170.2	3170.2
12.5°	4403.8	4248.8	3819.8	3408.6	3188.1	3128.5	3134.5	3164.3	3211.9	3206.0	3194.1
15°	4546.8	4314.4	3724.4	3241.7	3080.8	3080.8	3140.4	3206.0	3253.7	3283.5	3265.6
17.5°	4713.6	4391.8	3581.4	3086.8	2991.5	3045.1	3170.2	3235.8	3319.2	3337.1	3325.2
20°	4922.2	4457.4	3420.5	2937.8	2931.9	3045.1	3152.4	3247.7	3313.2	3331.1	3343.0
22.5°	5124.8	4517.0	3211.9	2830.6	2866.3	3009.3	3110.6	3211.9	3241.7	3259.6	3265.6
25°	5333.4	4576.6	3021.3	2747.1	2818.6	2961.7	3045.1	3086.8	3092.8	3080.8	3080.8
27.5°	5559.8	4582.5	2830.6	2681.6	2765.0	2890.2	2937.8	2949.7	2925.9	2842.5	2818.6
30°	5798.2	4522.9	2675.6	2622.0	2705.4	2806.7	2842.5	2806.7	2723.3	2604.1	2592.2
32.5°	5994.8	4433.6	2562.4	2550.5	2639.9	2729.3	2729.3	2663.7	2538.6	2419.4	2413.4
35°	6292.8	4308.4	2449.2	2502.8	2580.3	2622.0	2633.9	2538.6	2401.5	2288.3	2276.4
37.5°	6584.8	4201.2	2401.5	2443.2	2514.7	2550.5	2514.7	2419.4	2330.0	2234.7	2234.7
40°	7037.7	4135.6	2341.9	2401.5	2461.1	2467.1	2401.5	2330.0	2341.9	2288.3	2282.3
42.5°	7532.3	4129.6	2318.1	2359.8	2401.5	2389.6	2294.2	2294.2	2312.1	2210.8	2187.0
45°	8098.4	4213.1	2318.1	2300.2	2324.0	2288.3	2234.7	2222.7	2181.0	2032.0	2026.1
47.5°	8688.3	4415.7	2330.0	2216.8	2210.8	2198.9	2175.1	2133.4	2008.2	1883.1	1865.2
50°	9153.1	4695.8	2365.8	2109.5	2085.7	2127.4	2085.7	2014.2	1871.2	1752.0	1734.1
52.5°	9707.3	4975.8	2341.9	1978.4	1948.6	2055.9	2014.2	1912.9	1805.6	1734.1	1716.2
55°	10291.3	5267.8	2246.6	1799.6	1823.5	1966.5	1954.6	1841.4	1710.3	1614.9	1603.0
57.5°	10875.3	5637.3	2085.7	1644.7	1734.1	1912.9	1865.2	1728.1	1638.7	1573.2	1561.3
60°	11769.2	6167.6	1853.3	1483.8	1644.7	1799.6	1722.2	1680.5	1585.1	1531.5	1501.7
62.5°	12925.2	7049.6	1549.4	1334.8	1519.6	1662.6	1656.6	1609.0	1525.5	1465.9	1448.1
65°	14569.9	7889.8	1269.3	1191.8	1358.7	1495.7	1567.2	1525.5	1442.1	1376.5	1370.6
67.5°	*14885.8*	*7049.6*	*1054.8*	*1042.8*	*1179.9*	*1334.8*	*1471.9*	*1442.1*	*1311.0*	*1227.6*	*1215.7*
70°	12955.0	5035.4	887.9	899.8	1030.9	1168.0	1317.0	1245.4	1138.2	1090.5	1084.6
72.5°	11501.0	4326.3	744.9	768.7	864.1	989.2	1078.6	1102.4	1025.0	983.2	965.4
75°	8289.1	3241.7	601.9	631.7	697.2	768.7	935.6	977.3	905.8	864.1	834.3
77.5°	3074.9	1352.7	446.9	476.7	524.4	625.7	756.8	846.2	792.6	822.4	738.9
80°	738.9	476.7	327.7	321.8	369.5	470.8	601.9	667.4	613.8	584.0	506.5
82.5°	321.8	232.4	214.5	214.5	226.4	309.9	399.3	470.8	458.8	381.4	363.5
85°	119.2	101.3	101.3	107.3	107.3	143.0	214.5	250.3	226.4	196.6	190.7
87.5°	53.6	53.6	41.7	35.8	29.8	29.8	35.8	23.8	17.9	11.9	11.9
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

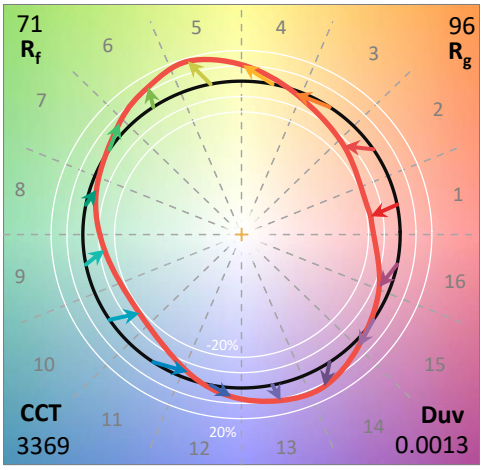
Test Information

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

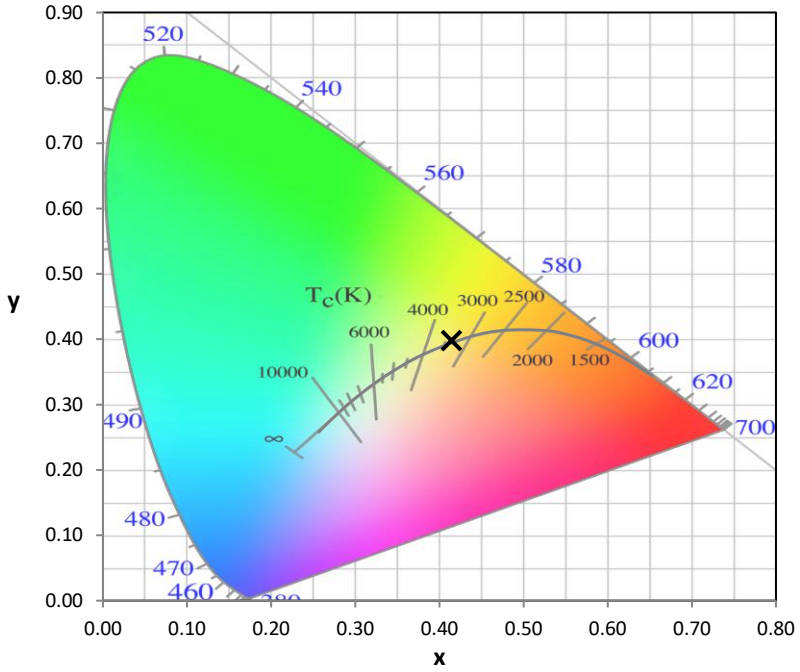
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

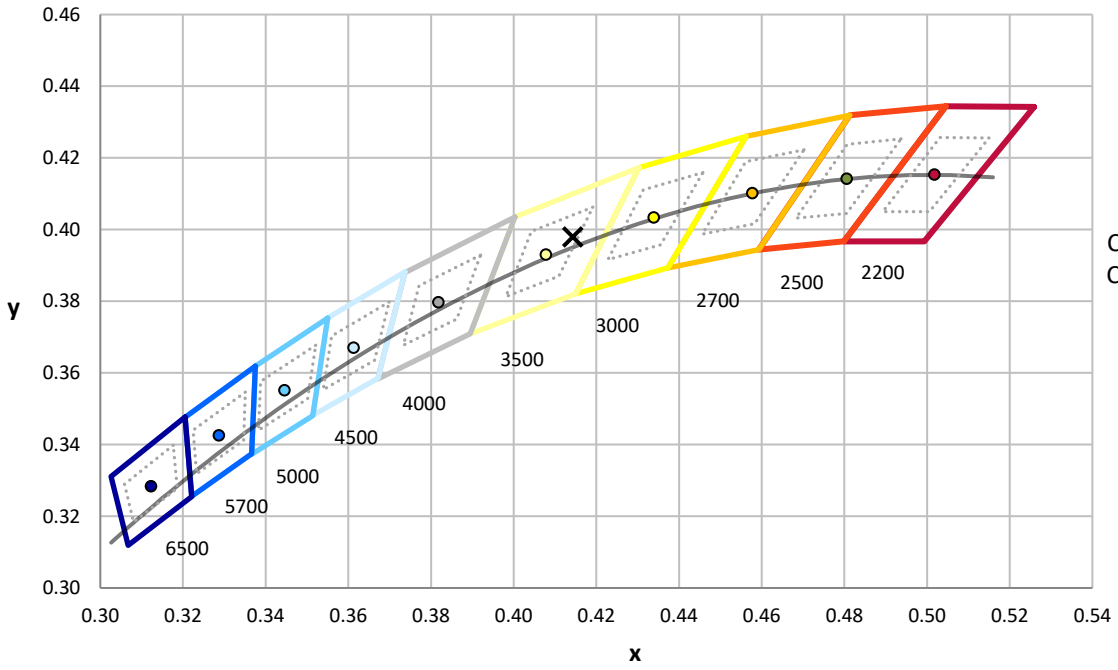
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

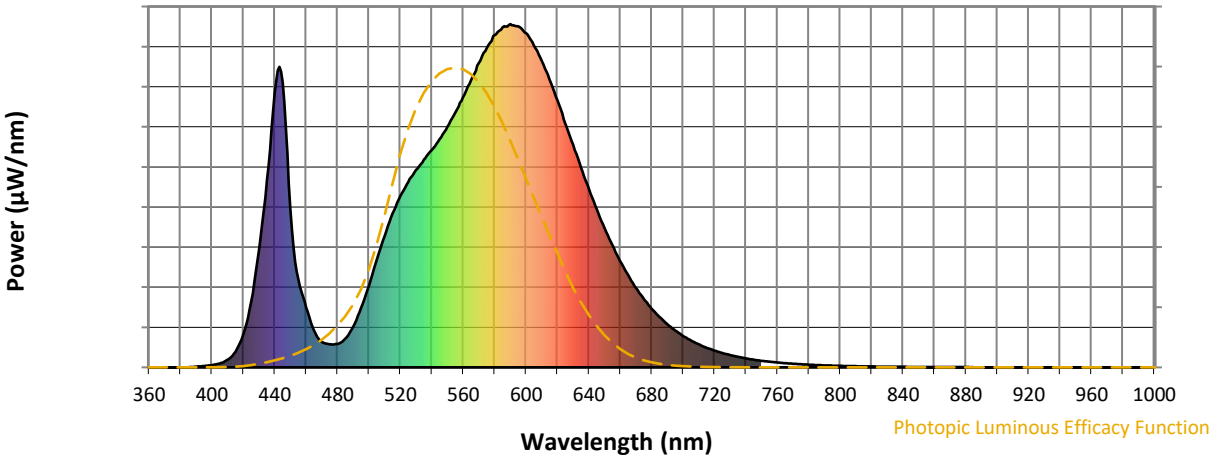


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

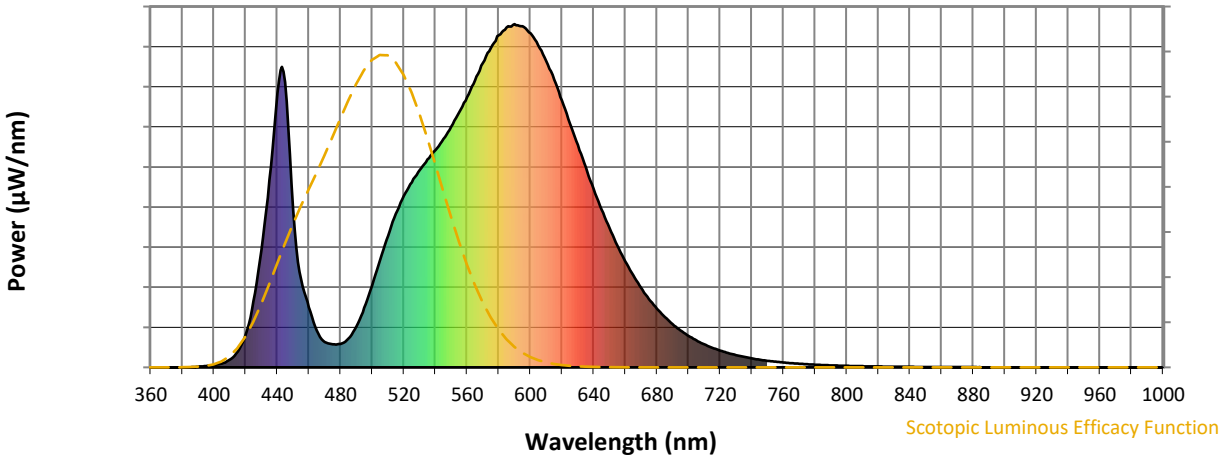


Photopic Lumens: NR

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

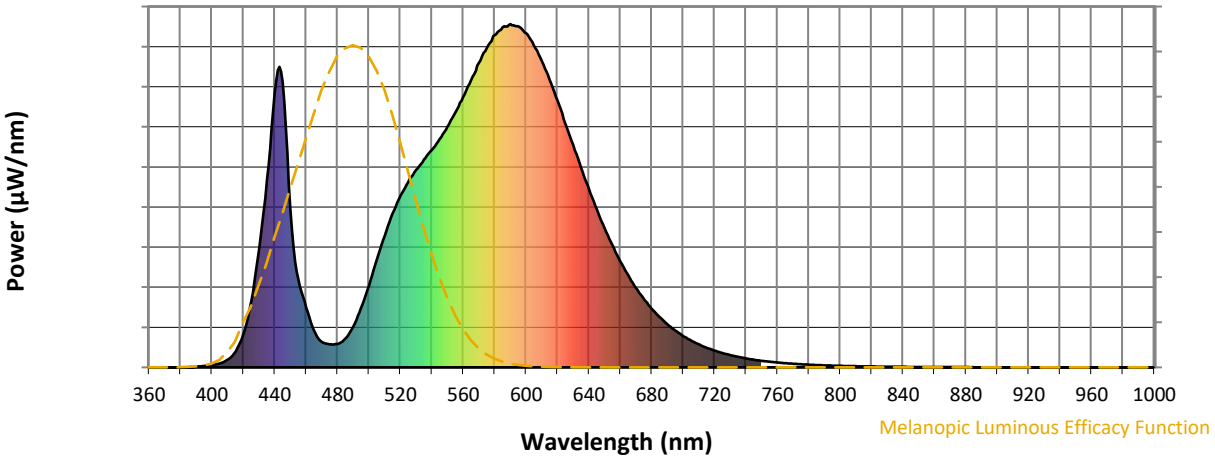


Scotopic Lumens: NR **S/P: 1.29**

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			

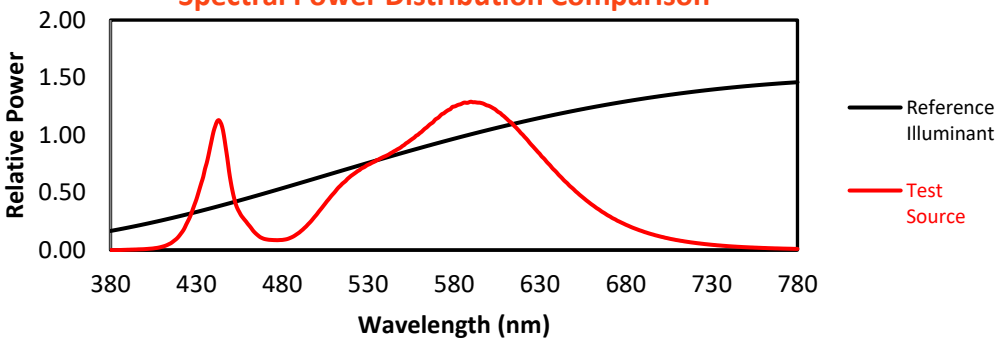
REPORT NUMBER: SP1-2407-184-5

TM-30-18

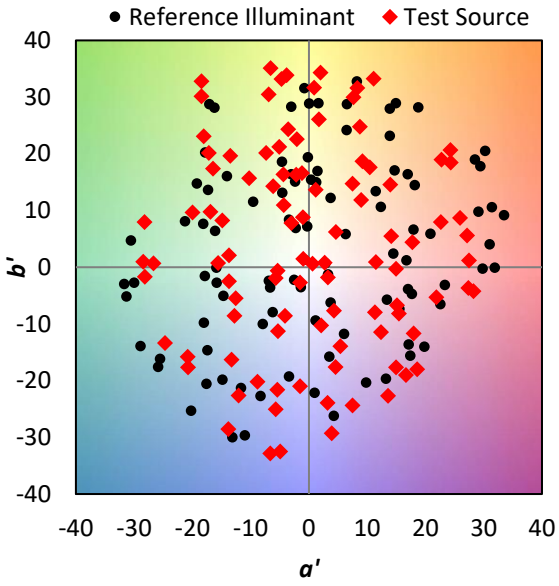
Summary

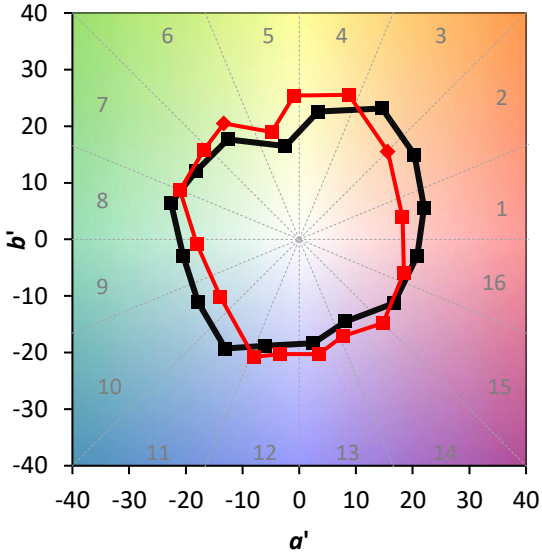
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

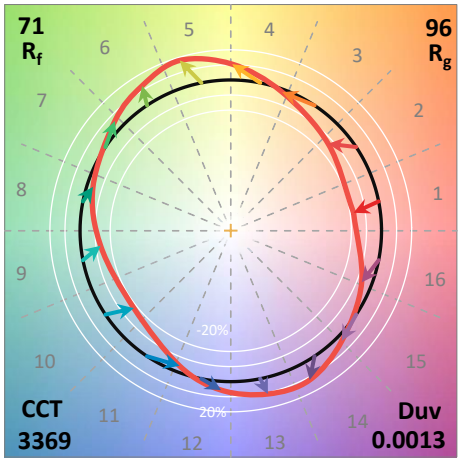
Spectral Power Distribution Comparison

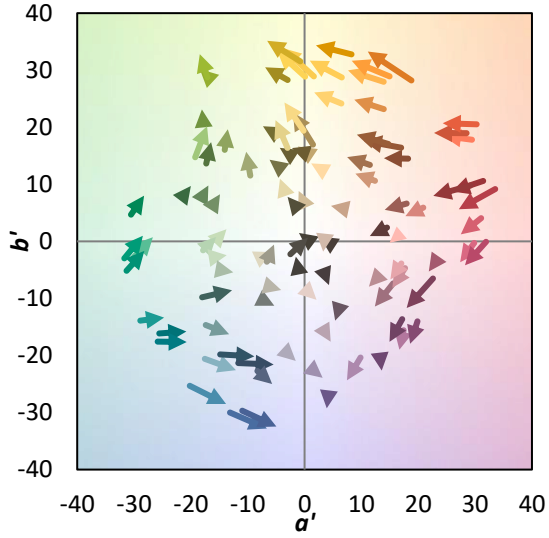


Color Vector Graphics







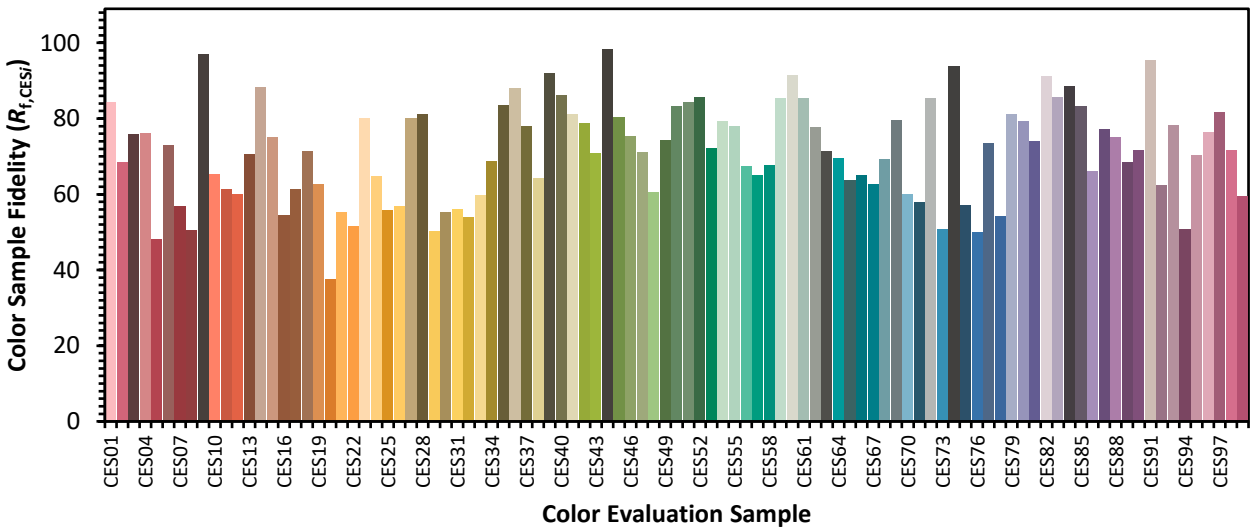


REPORT NUMBER: SP1-2407-184-5

TM-30-18

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

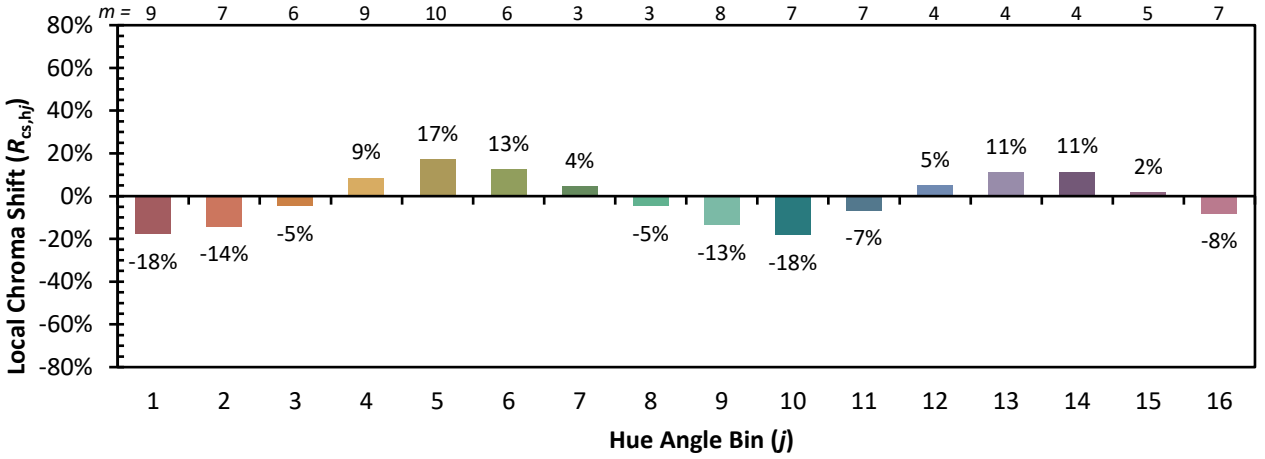
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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

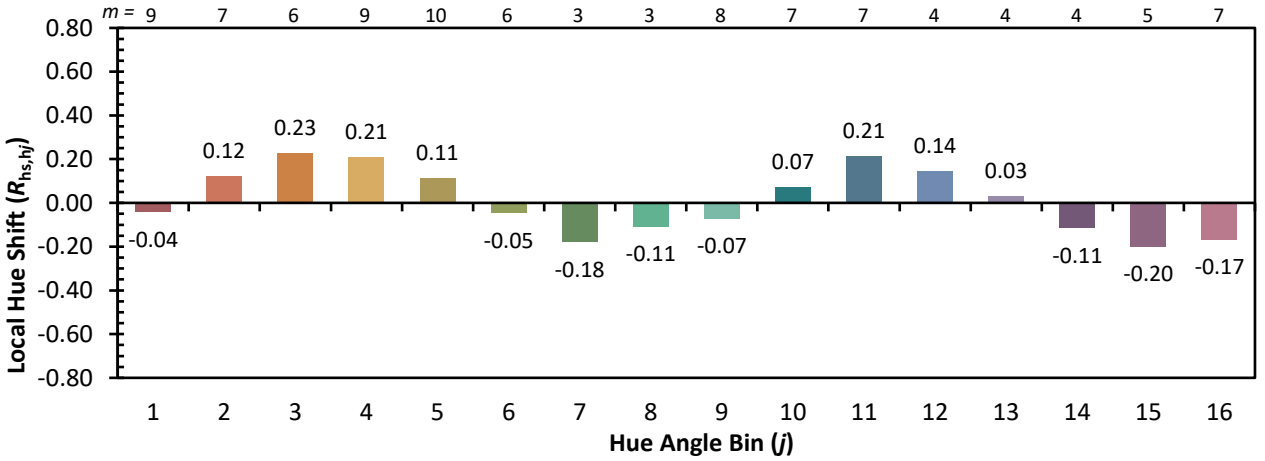


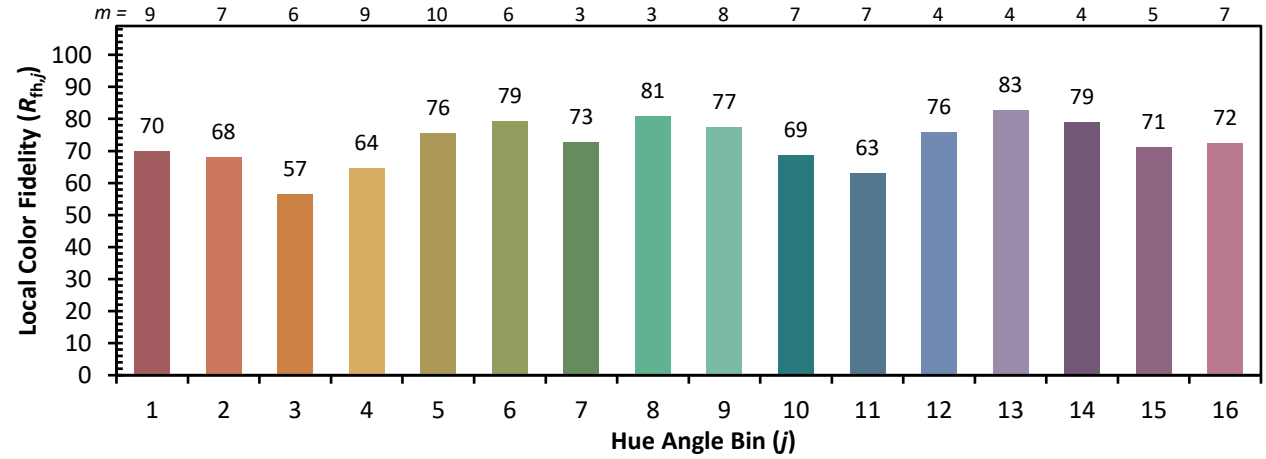
REPORT NUMBER: SP1-2407-184-5

TM-30-18

Color Rendition by Hue-Angle Bin



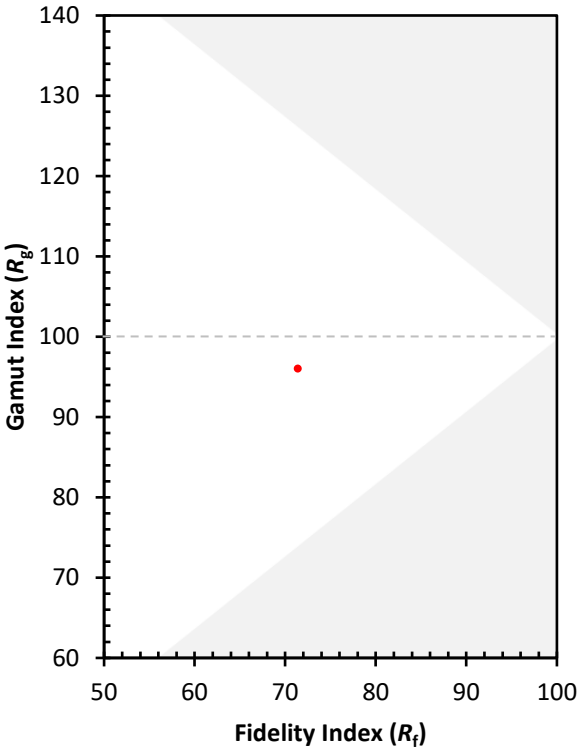


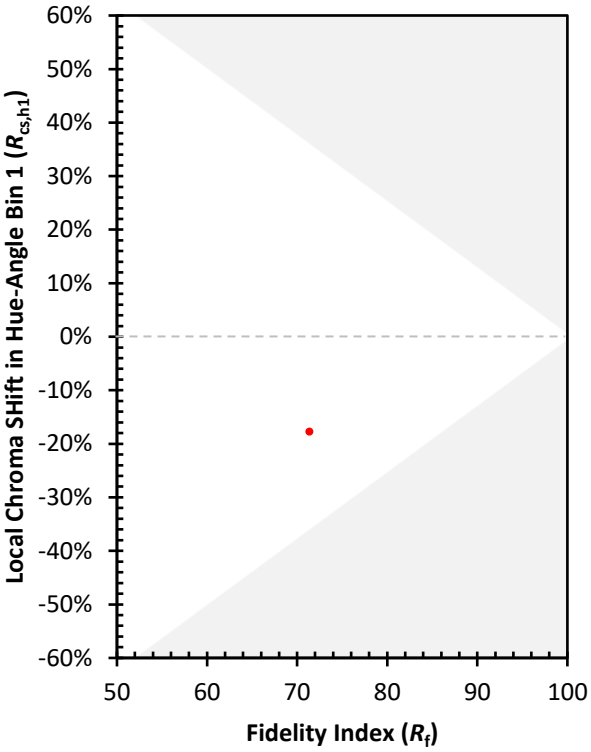


REPORT NUMBER: SP1-2407-184-5

TM-30-18

Measure Comparisons





(END OF REPORT)