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: P1360009

Luminaire Tested: **GSS-SB5C-735-U-T3**

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:	P1360009
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-735-U-T3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 3500K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source:	(130) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35296 lumens
Efficiency:	N/A
Efficacy:	140.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

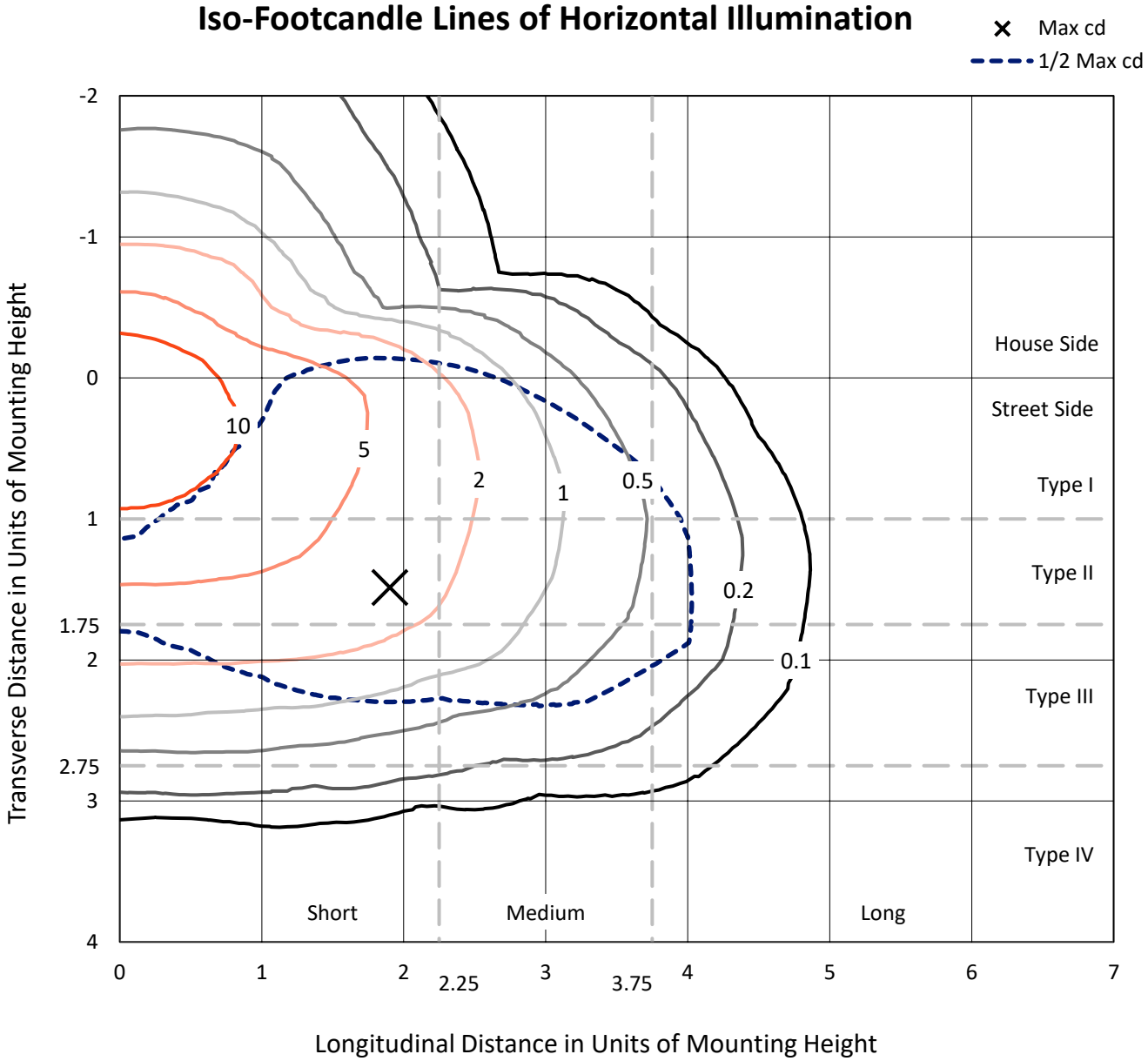
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1360009
CATALOG NUMBER: GSS-SB5C-735-U-T3

Iso-Footcandle Lines of Horizontal Illumination



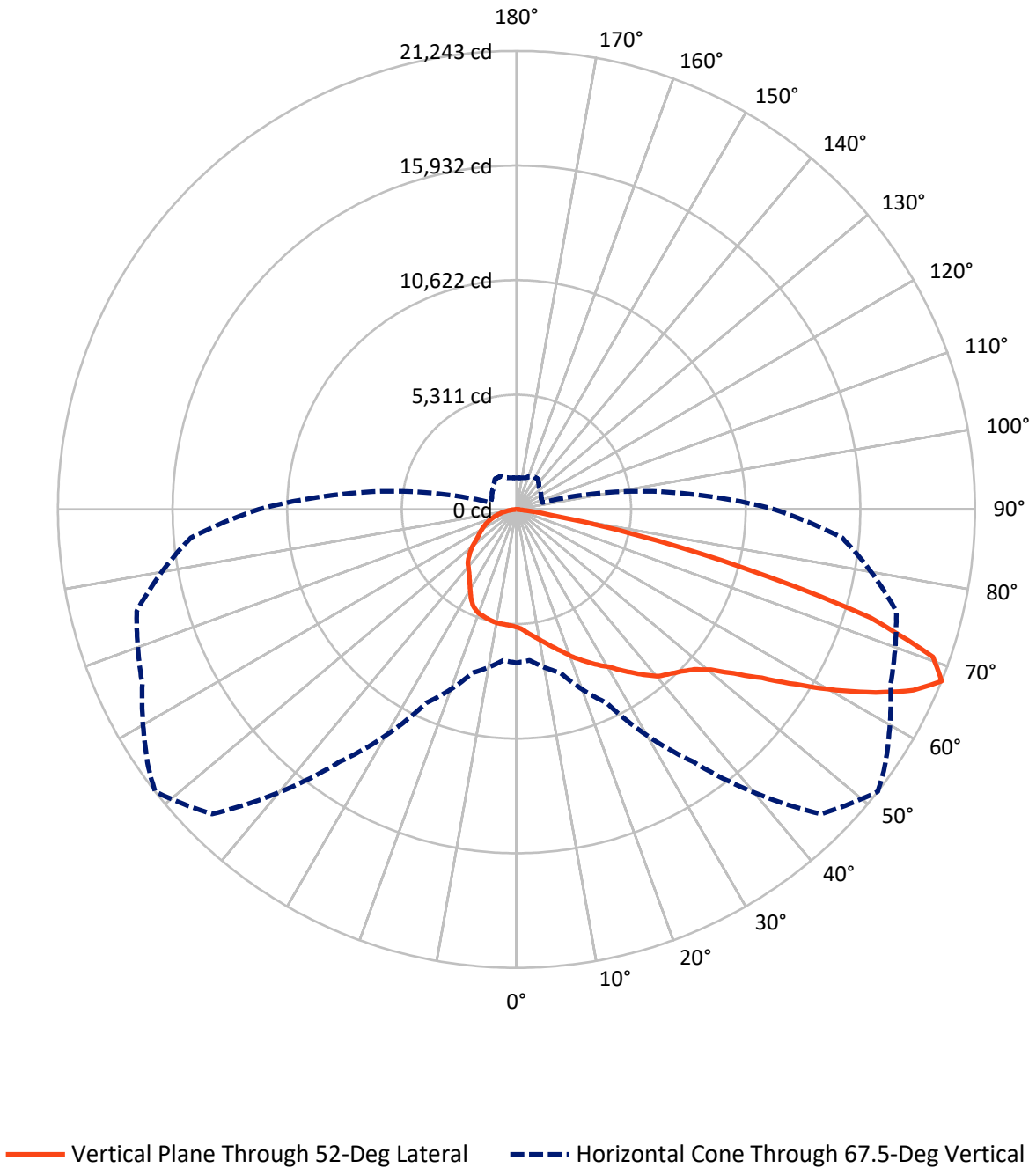
Based on 20 foot mounting height. Maximum calculated value = 15.5 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1360009
CATALOG NUMBER: GSS-SB5C-735-U-T3

Luminous Intensity Polar Plot



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

Scaled Data Report

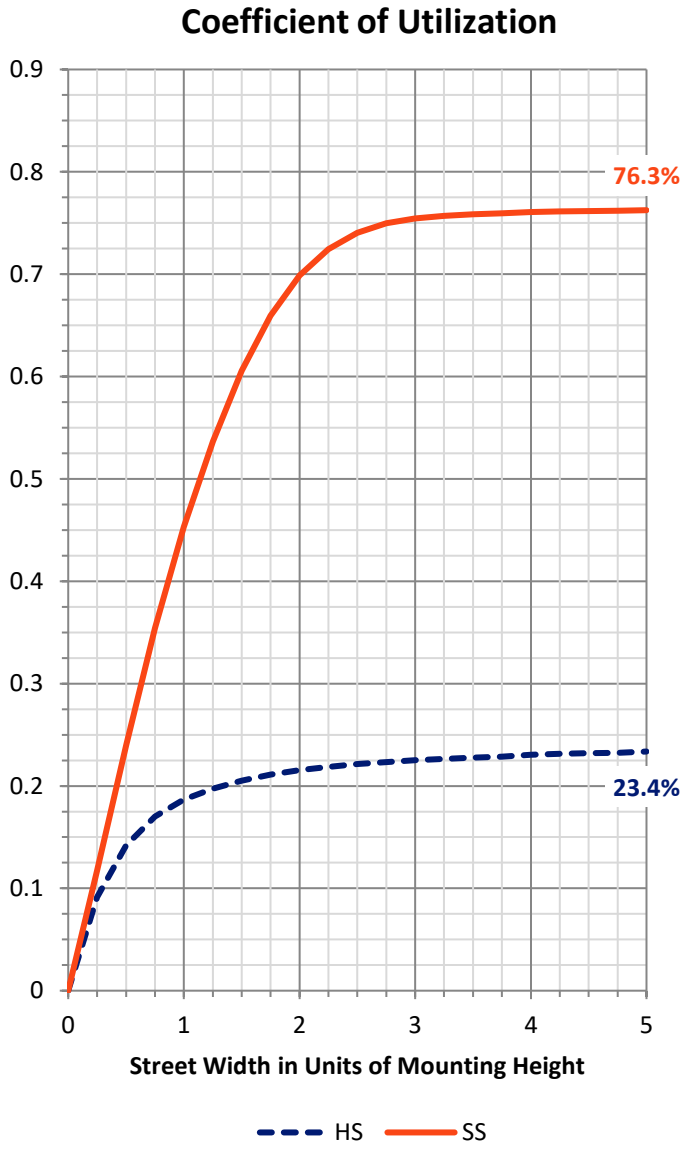
REPORT NUMBER: P1360009
CATALOG NUMBER: GSS-SB5C-735-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8350.4	0.0	8350.4
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	26945.5	0.0	26945.5
	% Fixture	76.3	0.0	76.3
Total	Lumens	35296.0	0.0	35296.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	535.6	1.5
10°-20°	1689.3	4.8
20°-30°	2888.2	8.2
30°-40°	4189.9	11.9
40°-50°	5442.6	15.4
50°-60°	7374.3	20.9
60°-70°	8602.0	24.4
70°-80°	4241.2	12.0
80°-90°	332.9	0.9
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°	35296.0	100.0
0°-180°	35296.0	100.0



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

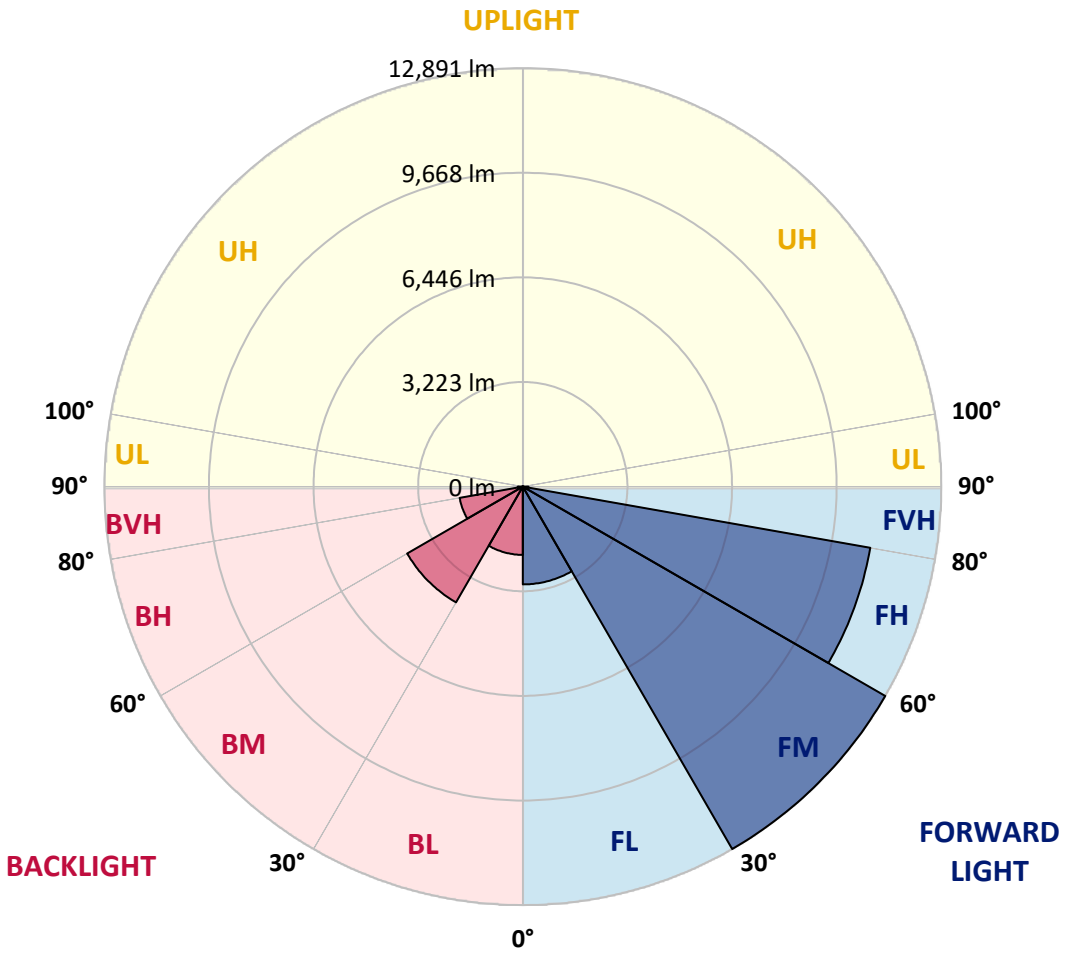
Scaled Data Report

REPORT NUMBER: P1360009
CATALOG NUMBER: GSS-SB5C-735-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3011.1	8.5			
FM	(30°-60°)	12891.2	36.5			
FH	(60°-80°)	10868.5	30.8			G4/12000
FVH	(80°-90°)	174.7	0.5			G2/225
BL	(0°-30°)	2102.0	6.0	B3/2500		
BM	(30°-60°)	4115.6	11.7	B3/5000		
BH	(60°-80°)	1974.7	5.6	B3/2500		G3/2500
BVH	(80°-90°)	158.2	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-G4
Type III Short



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

Scaled Data Report

REPORT NUMBER: P1360009
CATALOG NUMBER: GSS-SB5C-735-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	52°	55°	65°	75°	85°
0°	5462.1	5462.1	5462.1	5462.1	5462.1	5462.1	*5462.1*	5462.1	5462.1	5462.1	5462.1
2.5°	5627.1	5619.2	5611.4	5580.0	5580.0	5587.8	*5572.1*	5580.0	5572.1	5532.8	5501.4
5°	5941.5	5870.7	5855.0	5839.3	5855.0	5807.9	*5768.6*	5745.0	5658.5	5635.0	5540.7
7.5°	6075.1	6082.9	6075.1	6043.6	6020.1	6020.1	*5957.2*	5925.8	5870.7	5776.4	5619.2
10°	6263.7	6255.8	6232.3	6248.0	6295.1	6216.5	*6169.4*	6145.8	6051.5	5917.9	5768.6
12.5°	6601.6	6546.6	6530.9	6507.3	6499.5	6452.3	*6397.3*	6405.2	6295.1	6090.8	5933.6
15°	6892.4	6829.5	6900.3	6853.1	6790.3	6719.5	*6664.5*	6617.4	6491.6	6303.0	6106.5
17.5°	7167.5	7136.1	7167.5	7167.5	7159.6	7041.7	*6931.7*	6892.4	6743.1	6530.9	6271.6
20°	7379.7	7379.7	7434.7	7434.7	7411.1	7340.4	*7269.7*	7222.5	7010.3	6735.2	6436.6
22.5°	7654.8	7529.0	7646.9	7654.8	7662.6	7607.6	*7560.4*	7497.6	7277.5	6947.4	6570.2
25°	7914.1	7811.9	7882.7	7835.5	7866.9	7890.5	*7866.9*	7843.4	7599.7	7222.5	6766.7
27.5°	8322.8	8220.6	8267.8	8157.7	8157.7	8134.2	*8173.5*	8204.9	7937.7	7489.7	6939.6
30°	8935.8	8817.9	8778.6	8645.0	8511.4	8456.4	*8472.1*	8527.1	8346.4	7749.1	7112.5
32.5°	9462.3	9399.5	9368.0	9258.0	9093.0	8841.5	*8880.8*	8880.8	8692.2	7937.7	7198.9
35°	9894.6	9878.9	9886.7	9737.4	9706.0	9297.3	*9297.3*	9281.6	8935.8	8189.2	7426.8
37.5°	10177.5	10091.1	10130.4	10185.4	10083.2	9808.1	*9737.4*	9698.1	9273.7	8456.4	7725.5
40°	10114.6	10051.8	10201.1	10303.3	10224.7	10169.7	*10161.8*	10083.2	9611.7	8794.3	8165.6
42.5°	10106.8	10051.8	10232.5	10342.6	10303.3	10389.7	*10413.3*	10468.3	10043.9	9328.7	8794.3
45°	10138.2	10114.6	10413.3	10554.8	10460.4	10578.3	*10711.9*	10759.1	10594.0	9981.0	9580.2
47.5°	10397.6	10366.1	10711.9	10877.0	10955.6	11159.9	*11073.5*	11152.0	11246.4	10908.4	10484.0
50°	10649.1	10680.5	11144.2	11301.4	11686.5	11969.4	*11670.7*	11796.5	12110.9	11985.1	11694.3
52.5°	11049.9	11057.7	11513.6	11906.5	12645.3	12912.5	*12621.7*	12637.4	13061.8	13297.6	12912.5
55°	11152.0	11238.5	11851.5	12668.8	13729.8	13918.4	*13784.8*	13729.8	14232.8	14555.0	14138.5
57.5°	11144.2	11097.0	11859.4	12991.1	14555.0	15223.1	*15301.6*	15152.3	15576.7	15710.3	15482.4
60°	10853.4	10947.7	11780.8	13219.0	15325.2	16810.6	*16999.2*	16802.7	17007.1	17046.4	16409.8
62.5°	9965.3	9996.8	11136.3	13226.8	15930.4	18130.9	*18688.9*	18468.9	18280.2	17793.0	16614.1
65°	8519.3	8464.2	9556.7	12134.4	16040.4	19404.1	*20205.7*	20205.7	18979.7	18044.5	16181.9
67.5°	*7104.6*	*7018.2*	*7835.5*	*9894.6*	*14280.0*	*19962.1*	*21243.1*	*20826.6*	*19129.0*	*18217.4*	*15152.3*
70°	3426.6	3670.2	4919.8	7002.4	10916.3	16857.7	*20472.9*	20630.1	19011.1	17675.1	13156.1
72.5°	1226.0	1171.0	1768.3	3002.2	6043.6	11002.7	*17140.7*	18523.9	18185.9	16119.0	10774.8
75°	565.9	573.7	738.8	1045.3	1956.9	5367.8	*10900.6*	12755.3	15576.7	13399.7	8063.4
77.5°	440.1	440.1	503.0	597.3	809.5	1736.9	*5572.1*	7159.6	10067.5	8299.2	3843.1
80°	322.2	330.1	337.9	393.0	495.1	652.3	*1658.3*	2483.5	3670.2	2664.2	1249.6
82.5°	227.9	227.9	220.1	220.1	267.2	290.8	*448.0*	628.7	1076.7	730.9	330.1
85°	94.3	110.0	94.3	94.3	94.3	117.9	*141.5*	165.0	235.8	204.3	141.5
87.5°	15.7	15.7	15.7	23.6	31.4	39.3	*47.2*	55.0	62.9	62.9	62.9
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

Scaled Data Report

REPORT NUMBER: P1360009
CATALOG NUMBER: GSS-SB5C-735-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5462.1	5462.1	5462.1	5462.1	5462.1	5462.1	5462.1	5462.1	5462.1	5462.1	5462.1
2.5°	5485.6	5485.6	5462.1	5422.8	5407.1	5383.5	5375.6	5367.8	5352.0	5383.5	5367.8
5°	5517.1	5485.6	5454.2	5391.3	5383.5	5344.2	5304.9	5297.0	5273.4	5297.0	5297.0
7.5°	5587.8	5540.7	5469.9	5407.1	5352.0	5344.2	5273.4	5210.6	5210.6	5218.4	5210.6
10°	5713.6	5658.5	5587.8	5469.9	5367.8	5273.4	5155.6	5077.0	5084.8	5084.8	5069.1
12.5°	5878.6	5800.0	5674.3	5501.4	5344.2	5194.9	5053.4	5029.8	5022.0	5037.7	4990.5
15°	6004.3	5933.6	5729.3	5532.8	5289.2	5139.8	4990.5	4935.5	4943.4	4927.6	4888.4
17.5°	6161.5	6051.5	5800.0	5509.2	5226.3	5084.8	4911.9	4794.0	4731.2	4739.0	4731.2
20°	6310.8	6153.7	5855.0	5509.2	5210.6	4959.1	4739.0	4581.8	4448.2	4424.7	4416.8
22.5°	6420.9	6263.7	5917.9	5517.1	5116.3	4817.6	4495.4	4291.1	4094.6	4063.1	4055.3
25°	6578.1	6373.7	5988.6	5462.1	4990.5	4581.8	4181.0	3953.1	3780.2	3748.8	3748.8
27.5°	6711.7	6491.6	6082.9	5407.1	4786.2	4259.6	3882.4	3654.5	3544.4	3489.4	3489.4
30°	6853.1	6609.5	6161.5	5242.0	4511.1	3937.4	3646.6	3497.3	3371.5	3316.5	3293.0
32.5°	7010.3	6806.0	6177.2	5077.0	4236.0	3725.2	3481.6	3355.8	3222.2	3143.6	3135.8
35°	7206.8	7057.5	6122.2	4833.3	3961.0	3560.2	3324.4	3182.9	3049.3	2970.7	2986.5
37.5°	7521.1	7348.2	5957.2	4487.5	3733.1	3458.0	3198.6	2994.3	2837.1	2711.4	2719.2
40°	7984.8	7701.9	5713.6	4071.0	3568.0	3340.1	3049.3	2813.6	2585.6	2397.0	2397.0
42.5°	8511.4	8016.3	5414.9	3685.9	3442.3	3190.8	2892.1	2593.5	2271.3	2074.8	2066.9
45°	9100.8	8291.3	5069.1	3371.5	3237.9	3010.0	2687.8	2263.4	2051.2	1949.1	1941.2
47.5°	9886.7	8590.0	4660.4	3096.5	3002.2	2829.3	2381.3	2074.8	1949.1	1870.5	1862.6
50°	10625.5	8912.2	4322.5	2829.3	2750.7	2617.1	2169.1	1996.2	1894.0	1831.2	1815.4
52.5°	11482.1	9242.3	3945.3	2569.9	2467.8	2287.0	2122.0	1956.9	1862.6	1815.4	1799.7
55°	12330.9	9706.0	3528.7	2334.1	2216.3	2137.7	2074.8	1933.3	1839.0	1807.6	1784.0
57.5°	13297.6	10153.9	3017.9	2082.7	2035.5	2027.6	2066.9	1925.5	1846.9	1791.9	1760.4
60°	13800.6	10350.4	2483.5	1854.7	1862.6	1909.8	2035.5	1925.5	1799.7	1705.4	1666.1
62.5°	13627.7	9949.6	1964.8	1626.8	1697.6	1784.0	1980.5	1854.7	1697.6	1626.8	1579.7
65°	12936.1	9265.9	1532.5	1430.4	1548.2	1626.8	1846.9	1752.6	1595.4	1524.7	1516.8
67.5°	*11938.0*	*8079.1*	*1241.7*	*1257.5*	*1375.3*	*1477.5*	*1729.0*	*1689.7*	*1508.9*	*1461.8*	*1461.8*
70°	10036.1	6491.6	1021.7	1100.3	1202.4	1312.5	1642.5	1587.5	1398.9	1375.3	1375.3
72.5°	7843.4	4581.8	872.4	966.7	998.1	1155.3	1524.7	1469.6	1359.6	1414.6	1422.5
75°	5532.8	2790.0	746.6	817.3	848.8	950.9	1414.6	1438.2	1336.0	1516.8	1548.2
77.5°	2514.9	1226.0	581.6	644.4	683.7	809.5	1218.2	1336.0	1155.3	1155.3	1092.4
80°	880.2	518.7	463.7	463.7	495.1	628.7	1013.8	1100.3	927.4	817.3	785.9
82.5°	322.2	282.9	345.8	345.8	314.4	385.1	675.9	730.9	668.0	581.6	573.7
85°	125.7	133.6	212.2	212.2	157.2	188.6	377.2	393.0	377.2	330.1	330.1
87.5°	55.0	55.0	62.9	62.9	55.0	47.2	70.7	70.7	47.2	31.4	15.7
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

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

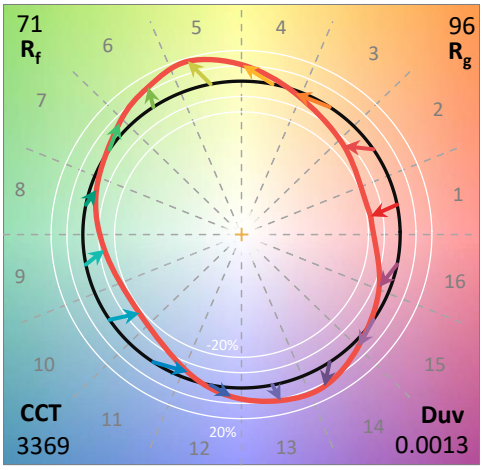
Test Information

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

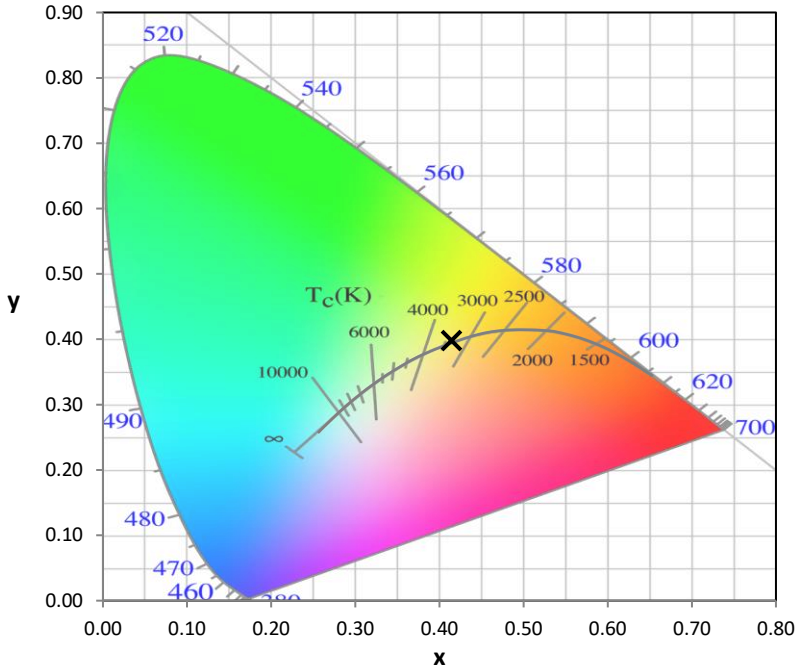
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

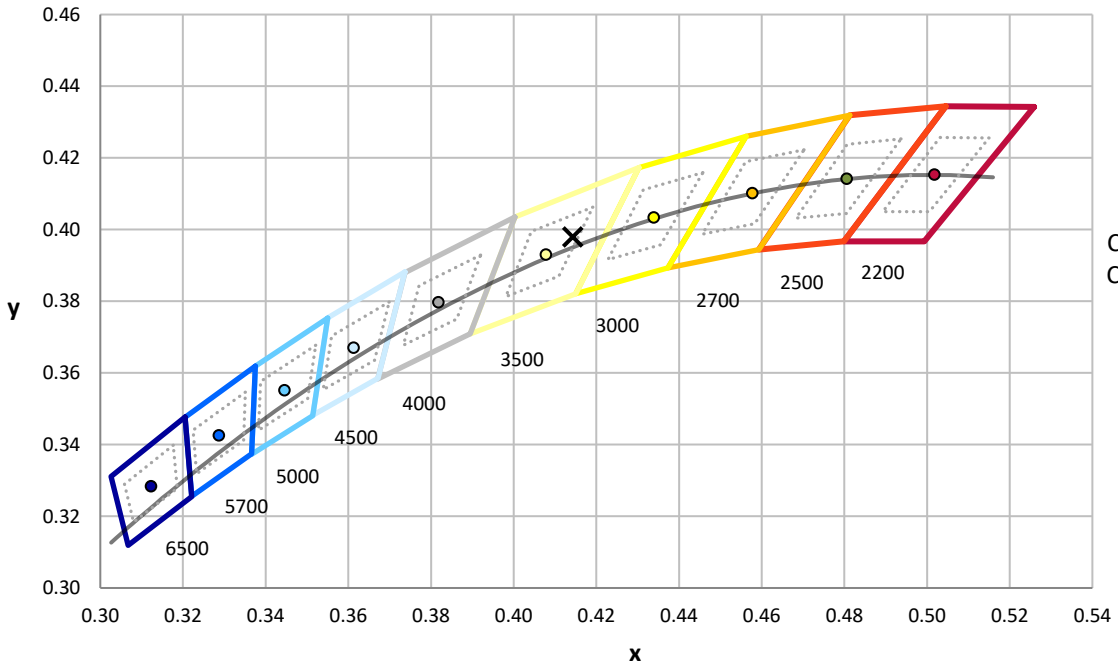
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

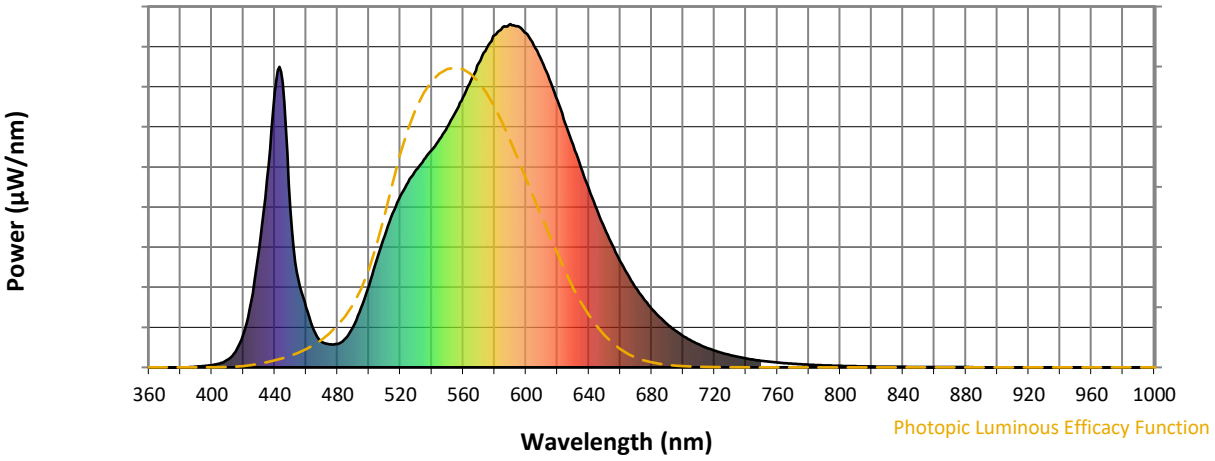


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

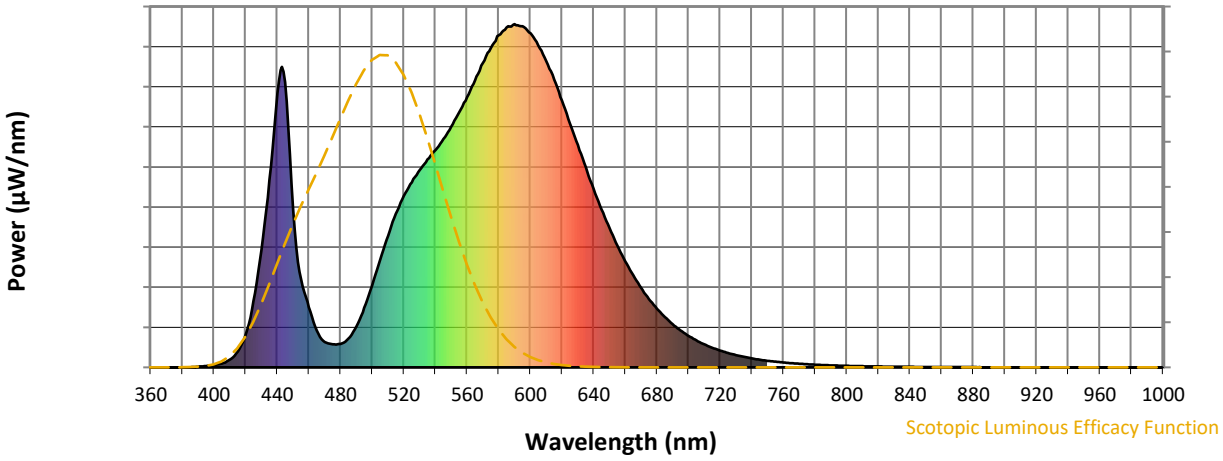


Photopic Lumens: NR

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

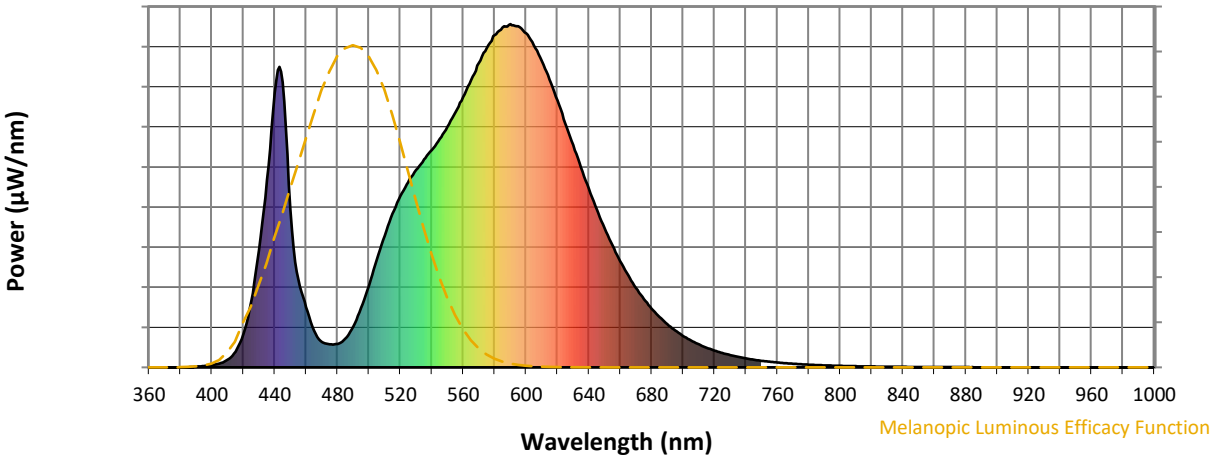


Scotopic Lumens: NR **S/P: 1.29**

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			

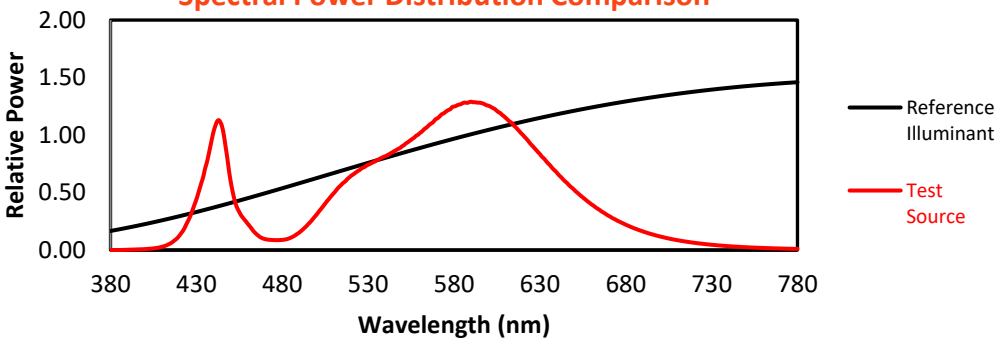
REPORT NUMBER: SP1-2407-184-5

TM-30-18

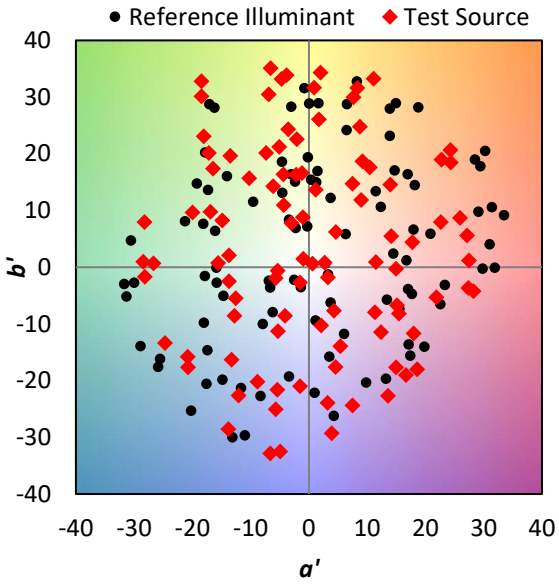
Summary

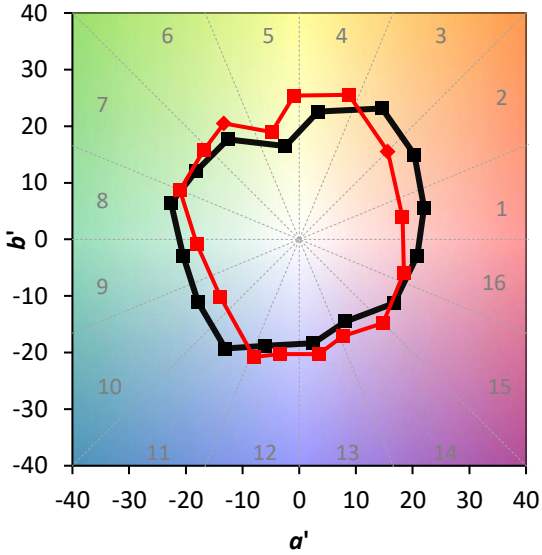
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

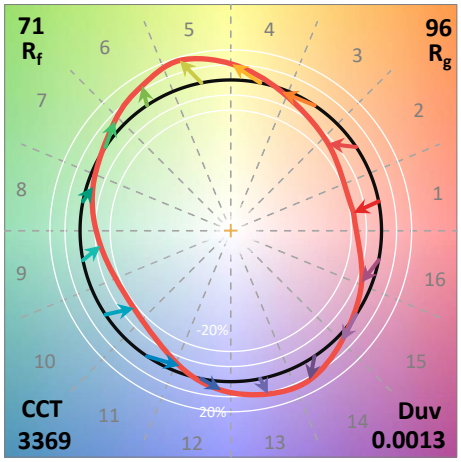
Spectral Power Distribution Comparison

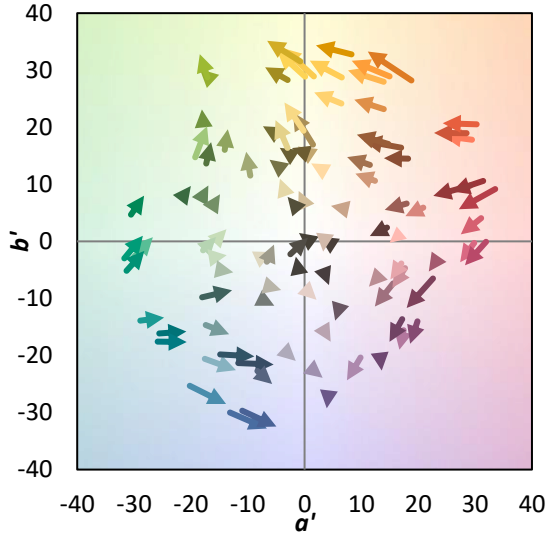


Color Vector Graphics







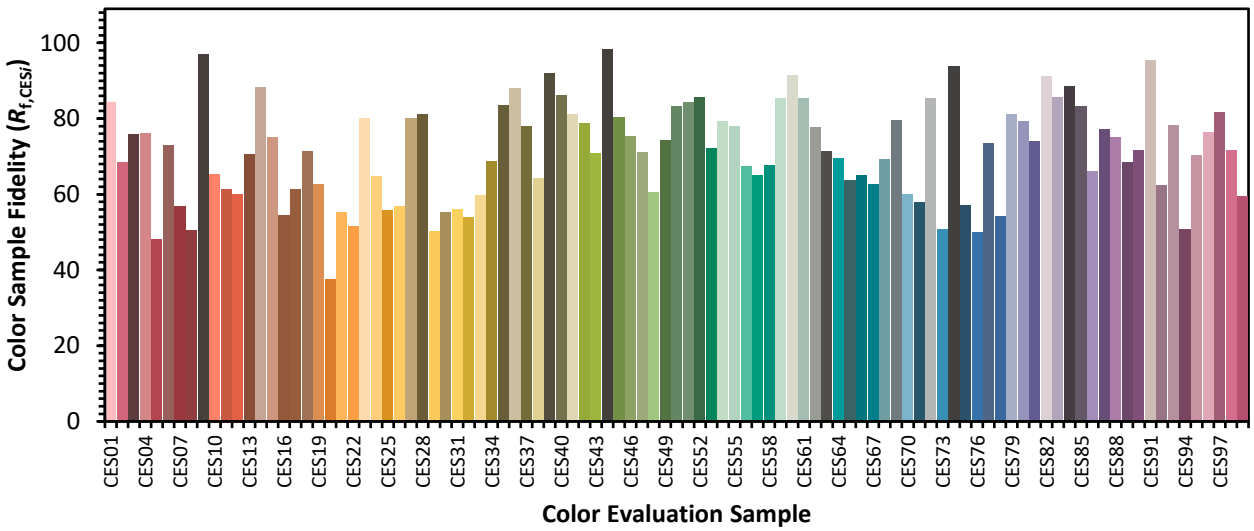


REPORT NUMBER: SP1-2407-184-5

TM-30-18

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

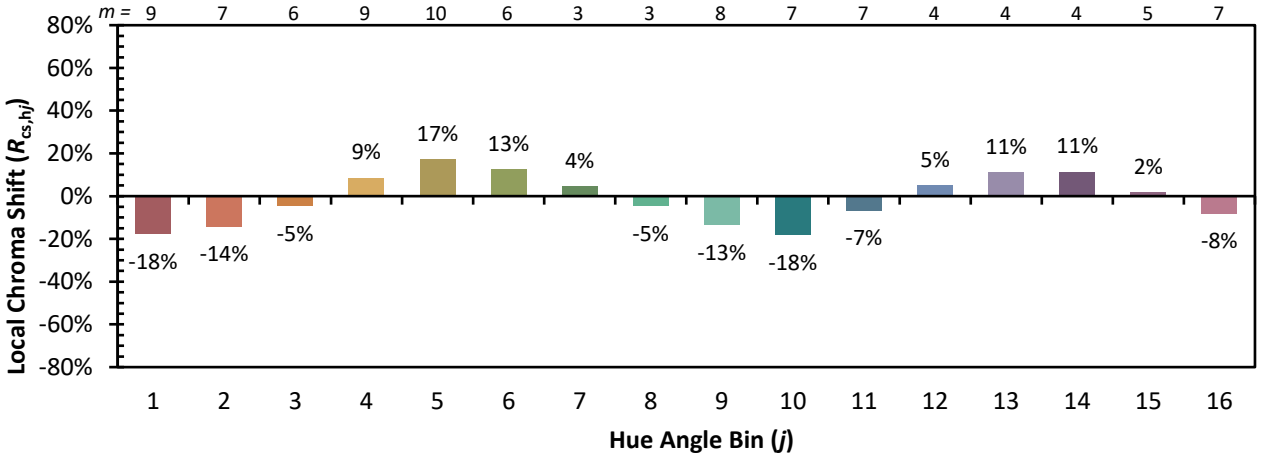
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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

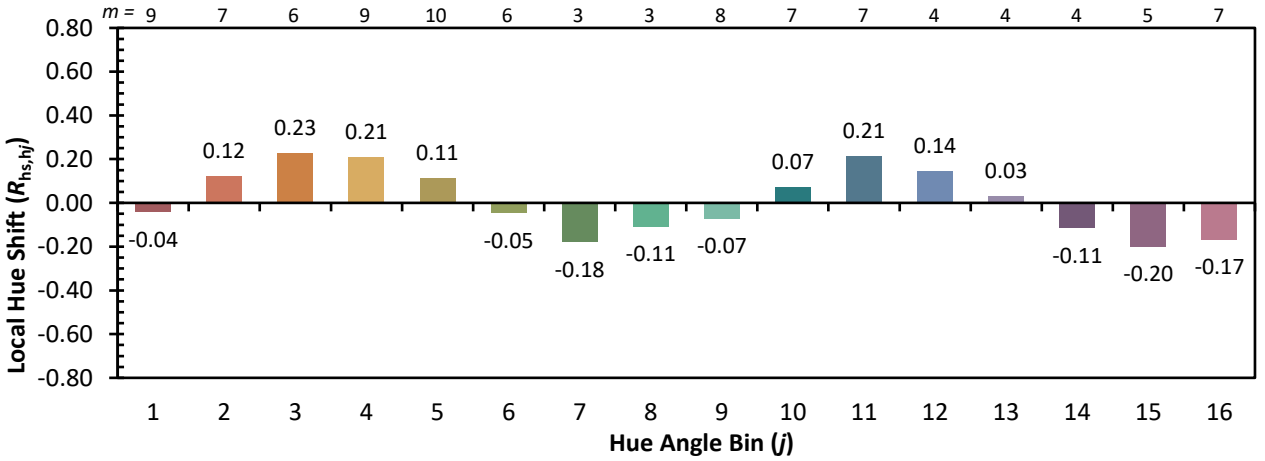


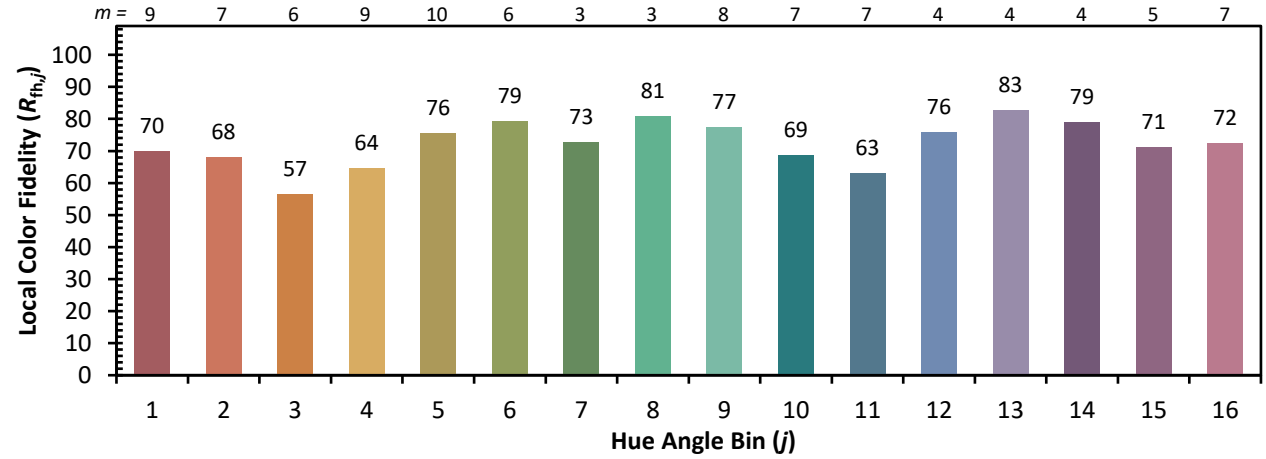
REPORT NUMBER: SP1-2407-184-5

TM-30-18

Color Rendition by Hue-Angle Bin



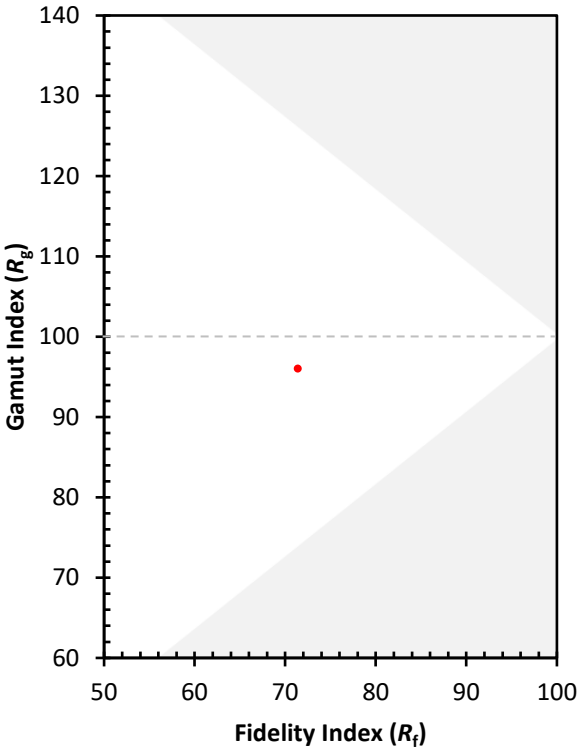


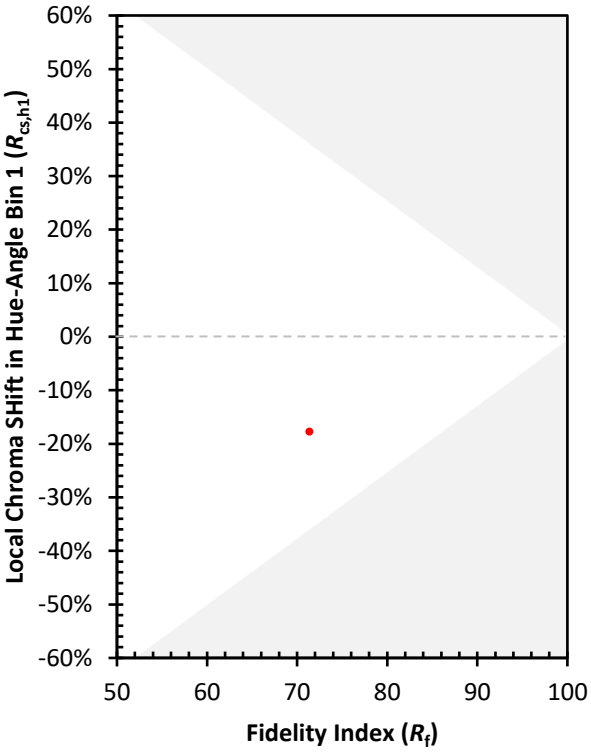


REPORT NUMBER: SP1-2407-184-5

TM-30-18

Measure Comparisons





(END OF REPORT)