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: P1359238

Luminaire Tested: **GSS-SB4D-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:	P1359238
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4D-735-U-T2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 238W 70CRI 3500K FIXTURE w/ TYPE II DISTRIBUTION OPTIC
Light Source:	(104) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31180.6 lumens
Efficiency:	N/A
Efficacy:	131.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G4

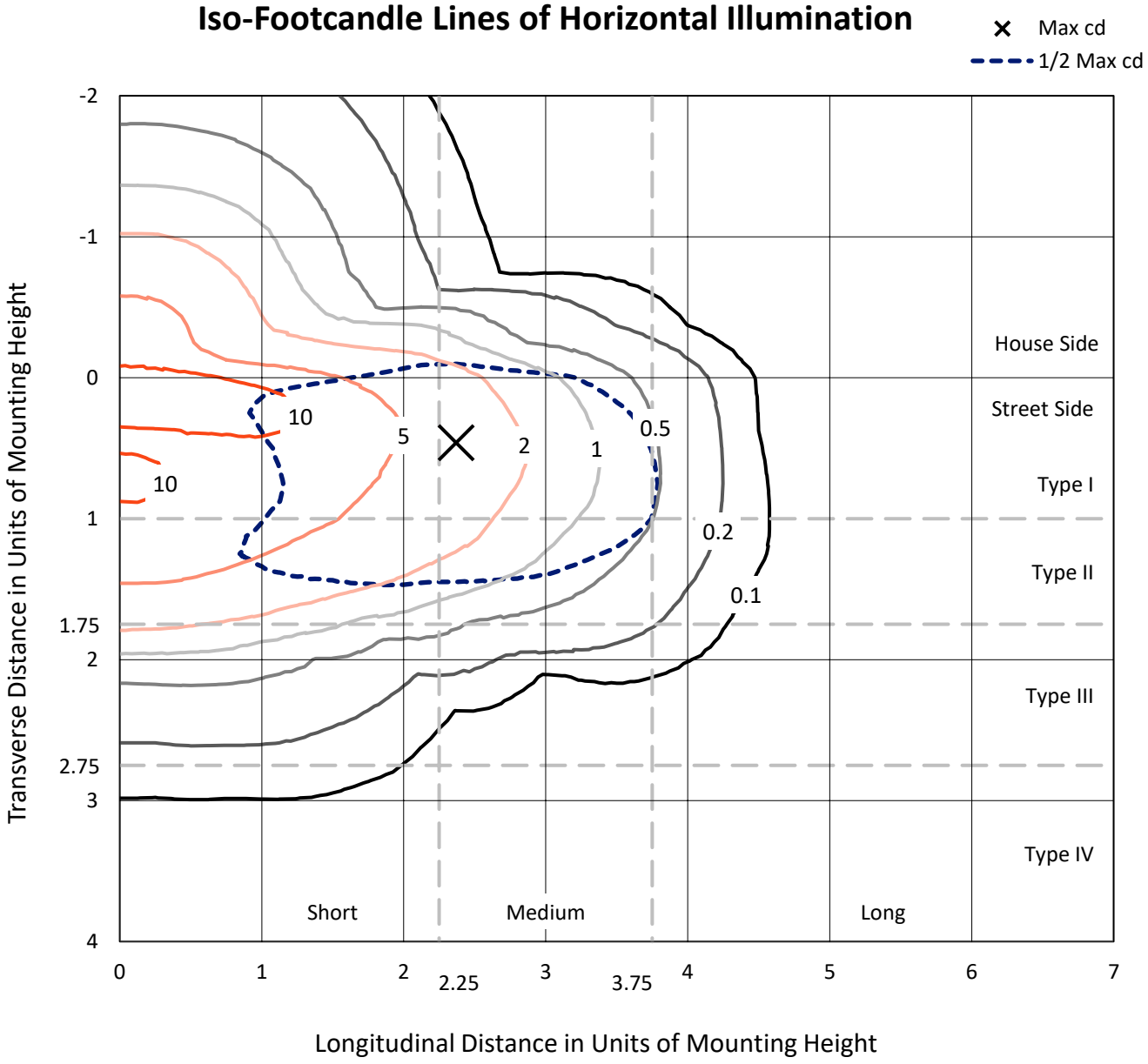
Input Watts (W):	238
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	--
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1359238
CATALOG NUMBER: GSS-SB4D-735-U-T2

Iso-Footcandle Lines of Horizontal Illumination



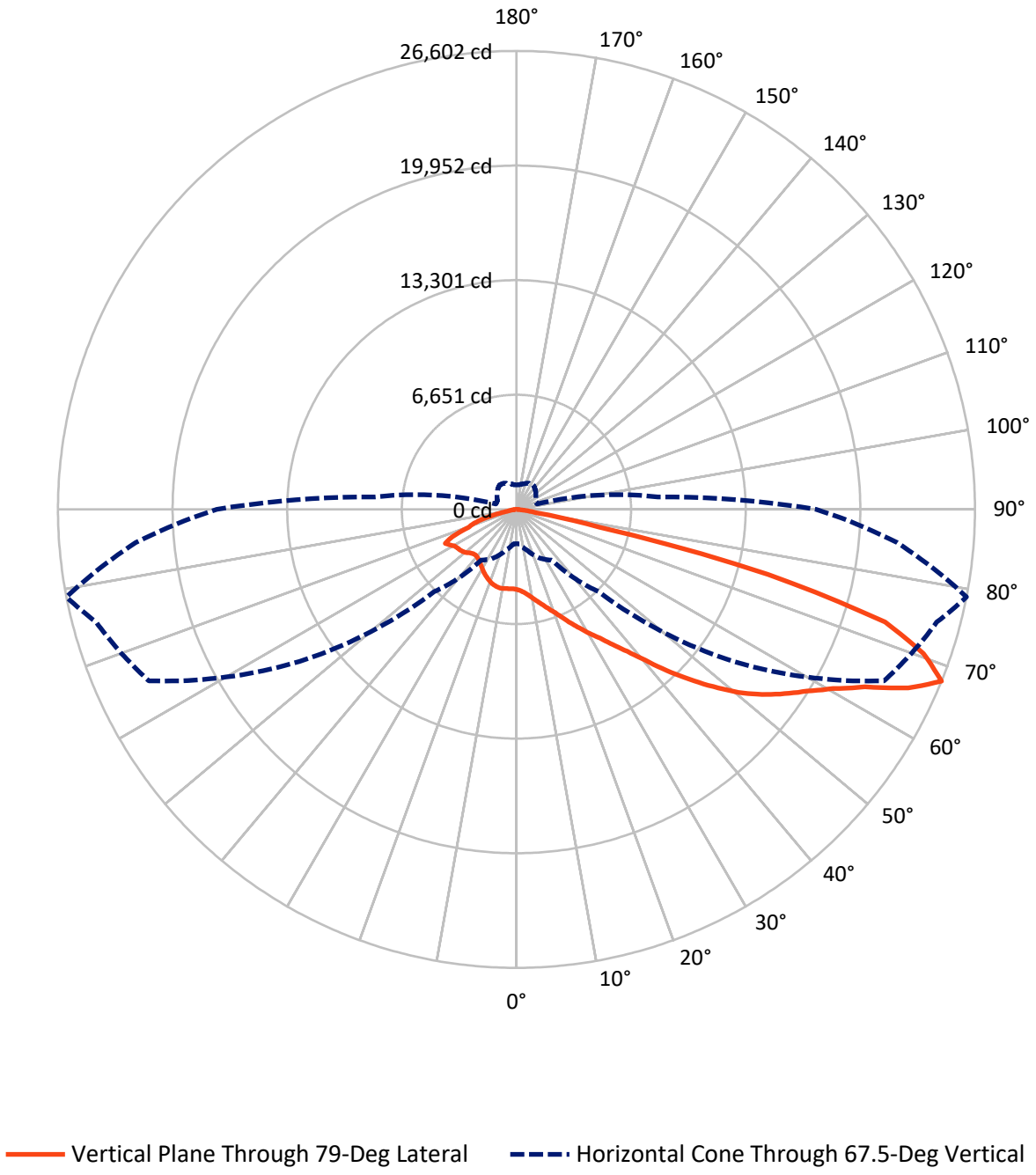
Based on 20 foot mounting height. Maximum calculated value = 13.9 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1359238
CATALOG NUMBER: GSS-SB4D-735-U-T2

Luminous Intensity Polar Plot



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

Scaled Data Report

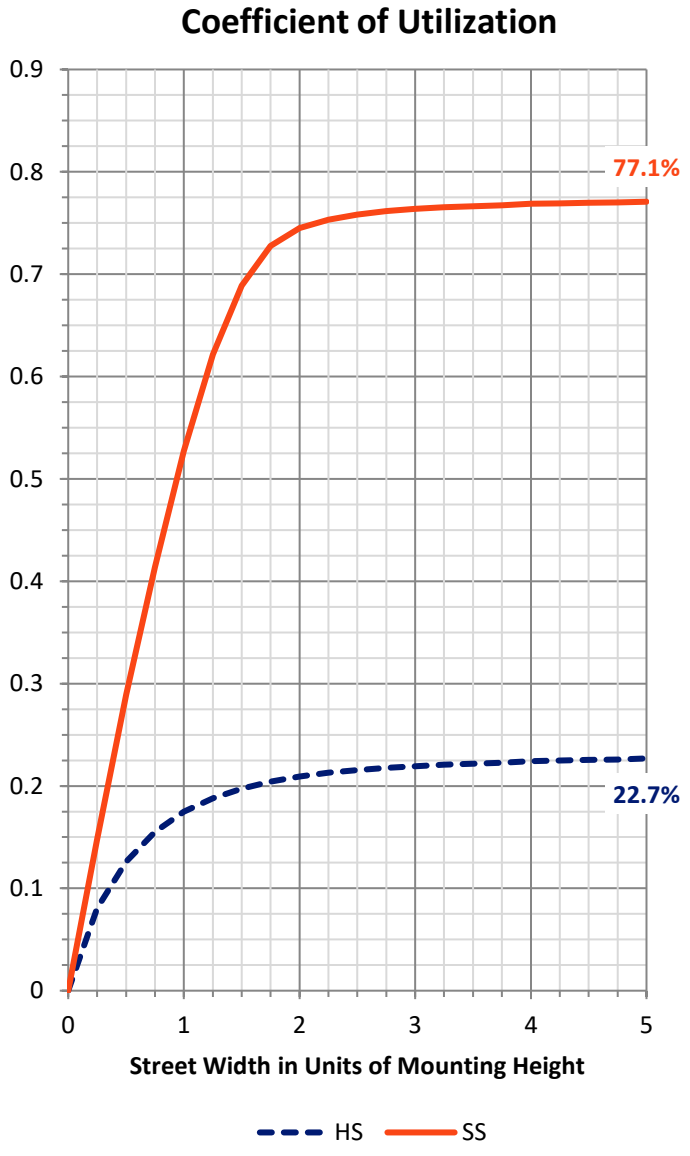
REPORT NUMBER: P1359238
CATALOG NUMBER: GSS-SB4D-735-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7144.2	0.0	7144.2
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	24036.4	0.0	24036.4
	% Fixture	77.1	0.0	77.1
Total	Lumens	31180.6	0.0	31180.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	444.4	1.4
10°-20°	1337.9	4.3
20°-30°	2260.5	7.2
30°-40°	3487.2	11.2
40°-50°	5325.6	17.1
50°-60°	7363.3	23.6
60°-70°	7441.3	23.9
70°-80°	3273.9	10.5
80°-90°	246.6	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°	31180.6	100.0
0°-180°	31180.6	100.0



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

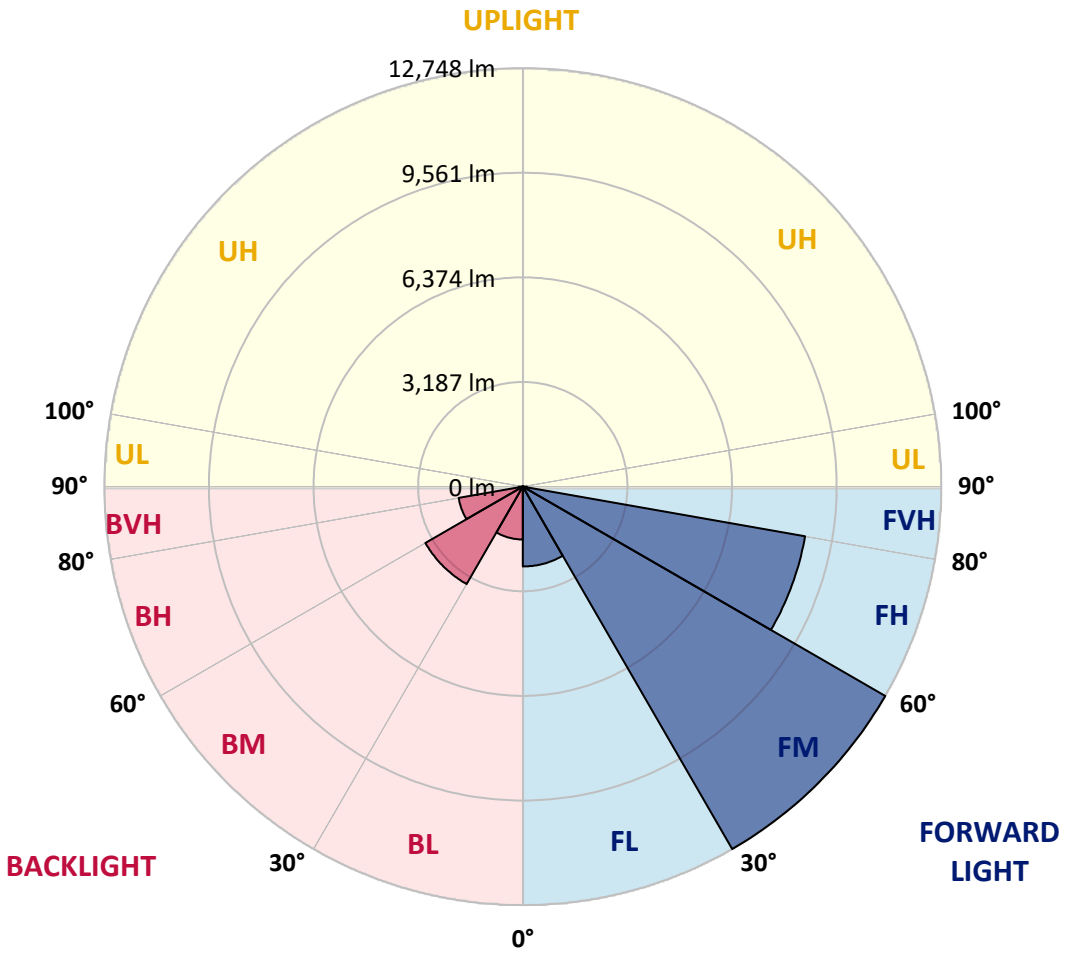
Scaled Data Report

REPORT NUMBER: P1359238
CATALOG NUMBER: GSS-SB4D-735-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2432.7	7.8			
FM	(30°-60°)	12748.1	40.9			
FH	(60°-80°)	8730.6	28.0			G4/12000
FVH	(80°-90°)	124.9	0.4			G2/225
BL	(0°-30°)	1610.1	5.2	B3/2500		
BM	(30°-60°)	3428.0	11.0	B3/5000		
BH	(60°-80°)	1984.5	6.4	B3/2500		G3/2500
BVH	(80°-90°)	121.7	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: P1359238
CATALOG NUMBER: GSS-SB4D-735-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	*4650.7*	4650.7
2.5°	4866.5	4943.1	4943.1	4908.3	4894.3	4887.4	4838.6	4782.9	4762.1	*4727.2*	4706.4
5°	5165.9	5165.9	5179.8	5145.0	5165.9	5138.0	5068.4	4998.8	4915.2	*4852.6*	4824.7
7.5°	5193.7	5249.4	5284.2	5284.2	5326.0	5332.9	5298.1	5221.6	5117.1	*5019.7*	4970.9
10°	5221.6	5270.3	5270.3	5326.0	5416.5	5486.1	5507.0	5479.1	5312.1	*5242.4*	5145.0
12.5°	5158.9	5214.6	5235.5	5346.9	5472.2	5604.5	5701.9	5715.9	5611.4	*5486.1*	5339.9
15°	4943.1	4991.8	5075.3	5242.4	5465.2	5667.1	5855.1	5959.5	5841.2	*5750.7*	5548.8
17.5°	4650.7	4678.5	4817.8	5033.6	5339.9	5681.0	6008.3	6210.2	6182.3	*6064.0*	5827.3
20°	4622.8	4650.7	4692.4	4852.6	5207.6	5632.3	6105.7	6495.6	6572.2	*6391.2*	6098.8
22.5°	4859.5	4887.4	4887.4	4908.3	5131.0	5590.5	6203.2	6801.9	6976.0	*6822.8*	6446.9
25°	5186.7	5242.4	5179.8	5131.0	5207.6	5618.4	6258.9	7150.0	7491.2	*7303.2*	6836.8
27.5°	5653.2	5646.2	5590.5	5444.3	5423.5	5701.9	6412.1	7421.6	7985.5	*7790.6*	7240.6
30°	6300.7	6335.5	6210.2	5903.8	5764.6	5889.9	6620.9	7644.4	8507.6	*8347.5*	7623.5
32.5°	7031.7	7017.8	6864.6	6572.2	6231.1	6196.2	6815.9	7881.1	9106.4	*8904.5*	8103.8
35°	7818.4	7804.5	7755.7	7254.5	6808.9	6620.9	7129.2	8152.6	9802.6	*9635.5*	8667.8
37.5°	8528.5	8591.2	8737.4	7929.8	7456.4	7177.9	7533.0	8605.1	10693.7	*10450.1*	9350.1
40°	9134.2	9245.6	9384.9	8653.9	8062.1	7825.4	8069.0	9343.1	11647.5	*11501.3*	10171.6
42.5°	9691.2	9767.8	9753.9	9308.3	8800.1	8535.5	8744.4	10108.9	12879.8	*12775.4*	11181.1
45°	10373.5	10457.0	10422.2	9997.5	9489.3	9252.6	9628.5	11007.0	14049.5	*14063.4*	12134.9
47.5°	11041.8	11125.4	11104.5	10714.6	10227.3	10032.3	10547.5	12065.3	15177.3	*15365.3*	13172.2
50°	11668.4	11745.0	11786.8	11543.1	11118.4	10909.6	11445.6	13060.8	16270.4	*16695.0*	14160.8
52.5°	11842.5	11939.9	12225.4	12315.9	12127.9	11877.3	12267.2	14014.6	17210.2	*17843.8*	15114.6
55°	11271.6	11438.7	12051.3	12510.8	13067.8	13095.6	13123.5	14940.6	18031.8	*18881.1*	15984.9
57.5°	10276.0	10303.9	11021.0	11953.9	13276.7	14460.2	14599.5	16019.7	18832.4	*19890.6*	16848.2
60°	8069.0	7922.8	9085.5	10665.9	12524.8	15003.3	16952.6	17690.6	19828.0	*21109.0*	17885.6
62.5°	4323.4	4337.4	5298.1	7261.4	10373.5	14474.1	18971.6	20183.0	21283.0	*22689.4*	19424.2
65°	2715.2	2819.6	3362.7	4232.9	6279.8	11501.3	19097.0	23497.0	23587.5	*24986.9*	21352.7
67.5°	*1984.2*	*2012.0*	*2471.5*	*3105.1*	*3599.4*	*6746.2*	*15372.2*	*23538.8*	*25251.4*	*26602.1*	*22174.2*
70°	1476.0	1489.9	1817.1	2339.3	2624.7	3160.8	9795.6	20371.0	24388.1	*25056.5*	20120.4
72.5°	1079.1	1086.1	1260.1	1719.6	2067.7	1879.8	4601.9	14676.0	21178.6	*22369.1*	18101.4
75°	758.9	772.8	898.1	1190.5	1392.4	1308.9	1754.4	9176.0	15205.2	*15072.9*	12643.1
77.5°	570.9	577.9	661.4	842.4	946.8	856.3	988.6	4288.6	5430.4	*4901.3*	3989.3
80°	417.7	438.6	480.4	529.1	633.5	550.0	557.0	1204.4	1308.9	*1148.7*	1030.4
82.5°	222.8	250.6	320.3	320.3	369.0	327.2	292.4	536.1	563.9	*529.1*	459.5
85°	69.6	69.6	76.6	97.5	146.2	146.2	146.2	181.0	188.0	*188.0*	160.1
87.5°	13.9	13.9	13.9	13.9	20.9	27.8	41.8	55.7	62.7	*69.6*	69.6
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: P1359238
CATALOG NUMBER: GSS-SB4D-735-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7	4650.7
2.5°	4692.4	4643.7	4595.0	4511.4	4469.6	4407.0	4351.3	4323.4	4302.6	4295.6	4295.6
5°	4782.9	4706.4	4553.2	4407.0	4274.7	4156.4	4065.8	3996.2	3954.5	3919.6	3919.6
7.5°	4873.4	4769.0	4539.3	4281.7	4093.7	3947.5	3822.2	3780.4	3766.5	3731.7	3710.8
10°	5026.6	4859.5	4518.4	4149.4	3884.8	3759.5	3703.8	3689.9	3696.9	3703.8	3703.8
12.5°	5145.0	4964.0	4462.7	3982.3	3724.7	3655.1	3662.0	3696.9	3752.6	3745.6	3731.7
15°	5312.1	5040.5	4351.3	3787.4	3599.4	3599.4	3669.0	3745.6	3801.3	3836.1	3815.2
17.5°	5507.0	5131.0	4184.2	3606.4	3495.0	3557.6	3703.8	3780.4	3877.9	3898.8	3884.8
20°	5750.7	5207.6	3996.2	3432.3	3425.3	3557.6	3682.9	3794.3	3870.9	3891.8	3905.7
22.5°	5987.4	5277.2	3752.6	3307.0	3348.8	3515.8	3634.2	3752.6	3787.4	3808.3	3815.2
25°	6231.1	5346.9	3529.8	3209.5	3293.1	3460.1	3557.6	3606.4	3613.3	3599.4	3599.4
27.5°	6495.6	5353.8	3307.0	3132.9	3230.4	3376.6	3432.3	3446.2	3418.4	3320.9	3293.1
30°	6774.1	5284.2	3126.0	3063.3	3160.8	3279.1	3320.9	3279.1	3181.7	3042.4	3028.5
32.5°	7003.8	5179.8	2993.7	2979.8	3084.2	3188.6	3188.6	3112.0	2965.8	2826.6	2819.6
35°	7351.9	5033.6	2861.4	2924.1	3014.6	3063.3	3077.2	2965.8	2805.7	2673.4	2659.5
37.5°	7693.1	4908.3	2805.7	2854.4	2938.0	2979.8	2938.0	2826.6	2722.2	2610.8	2610.8
40°	8222.2	4831.7	2736.1	2805.7	2875.3	2882.3	2805.7	2722.2	2736.1	2673.4	2666.5
42.5°	8800.1	4824.7	2708.2	2757.0	2805.7	2791.8	2680.4	2680.4	2701.3	2582.9	2555.1
45°	9461.5	4922.2	2708.2	2687.4	2715.2	2673.4	2610.8	2596.9	2548.1	2374.1	2367.1
47.5°	10150.7	5158.9	2722.2	2589.9	2582.9	2569.0	2541.2	2492.4	2346.2	2200.0	2179.1
50°	10693.7	5486.1	2763.9	2464.6	2436.7	2485.5	2436.7	2353.2	2186.1	2046.8	2026.0
52.5°	11341.2	5813.3	2736.1	2311.4	2276.6	2401.9	2353.2	2234.8	2109.5	2026.0	2005.1
55°	12023.5	6154.5	2624.7	2102.5	2130.4	2297.5	2283.6	2151.3	1998.1	1886.7	1872.8
57.5°	12705.8	6586.1	2436.7	1921.5	2026.0	2234.8	2179.1	2019.0	1914.6	1838.0	1824.1
60°	13750.1	7205.7	2165.2	1733.6	1921.5	2102.5	2012.0	1963.3	1851.9	1789.3	1754.4
62.5°	15100.7	8236.1	1810.1	1559.5	1775.3	1942.4	1935.5	1879.8	1782.3	1712.7	1691.8
65°	17022.3	9217.8	1482.9	1392.4	1587.4	1747.5	1831.0	1782.3	1684.8	1608.2	1601.3
67.5°	*17391.2*	*8236.1*	*1232.3*	*1218.4*	*1378.5*	*1559.5*	*1719.6*	*1684.8*	*1531.7*	*1434.2*	*1420.3*
70°	15135.5	5882.9	1037.3	1051.3	1204.4	1364.6	1538.6	1455.1	1329.8	1274.1	1267.1
72.5°	13436.8	5054.5	870.3	898.1	1009.5	1155.7	1260.1	1288.0	1197.5	1148.7	1127.9
75°	9684.2	3787.4	703.2	738.0	814.6	898.1	1093.0	1141.8	1058.2	1009.5	974.7
77.5°	3592.4	1580.4	522.2	557.0	612.7	731.0	884.2	988.6	926.0	960.8	863.3
80°	863.3	557.0	382.9	376.0	431.6	550.0	703.2	779.8	717.1	682.3	591.8
82.5°	376.0	271.5	250.6	250.6	264.6	362.0	466.5	550.0	536.1	445.6	424.7
85°	139.2	118.4	118.4	125.3	125.3	167.1	250.6	292.4	264.6	229.7	222.8
87.5°	62.7	62.7	48.7	41.8	34.8	34.8	41.8	27.8	20.9	13.9	13.9
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

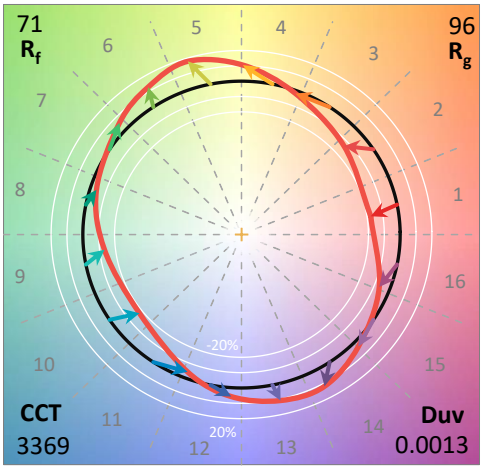
Test Information

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

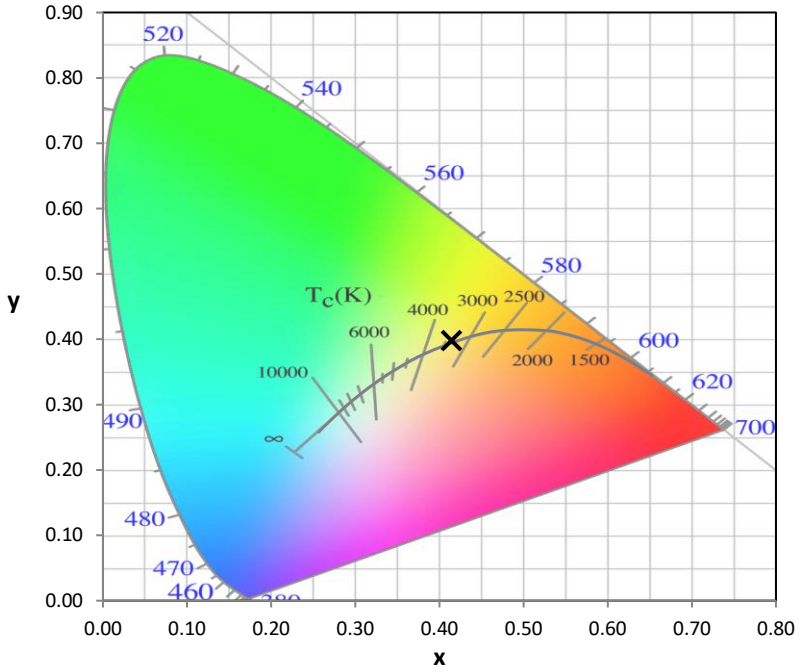
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

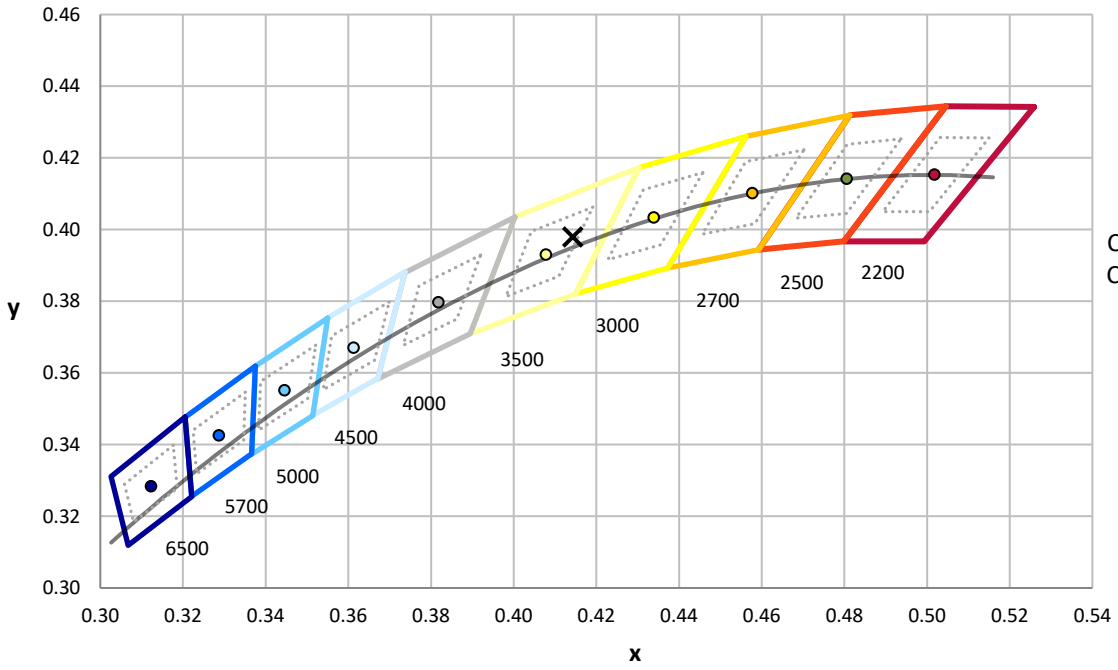
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

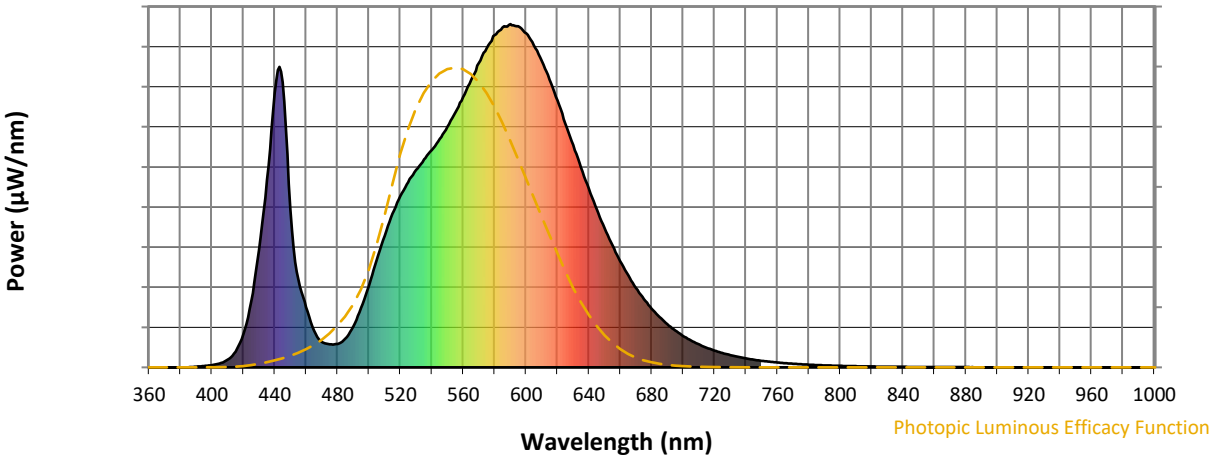


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

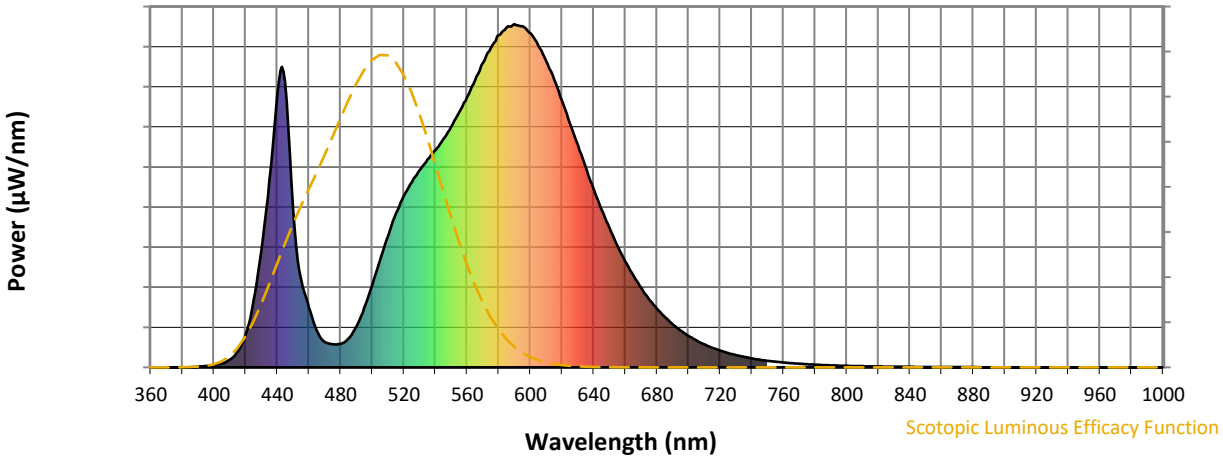


Photopic Lumens: NR

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

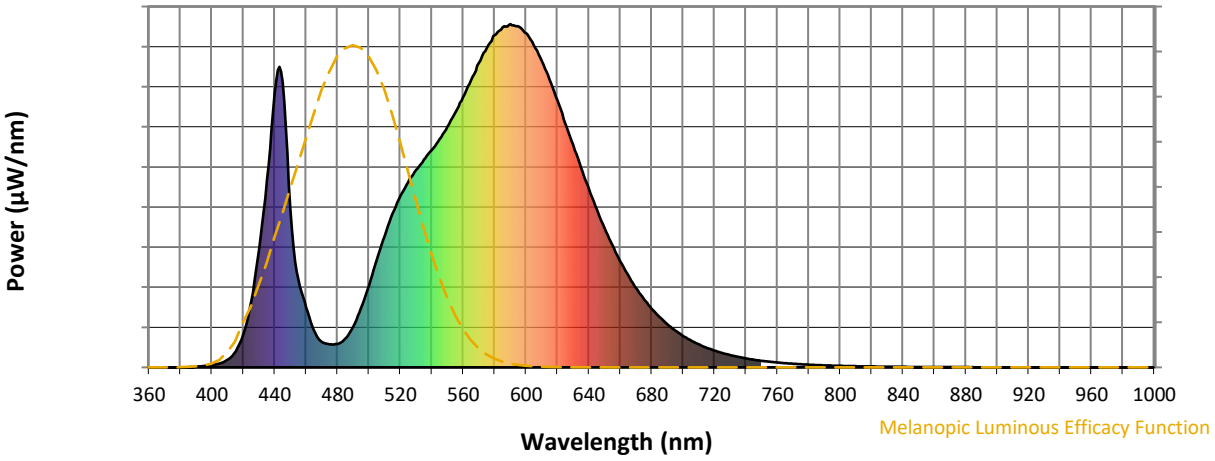


Scotopic Lumens: NR **S/P: 1.29**

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			

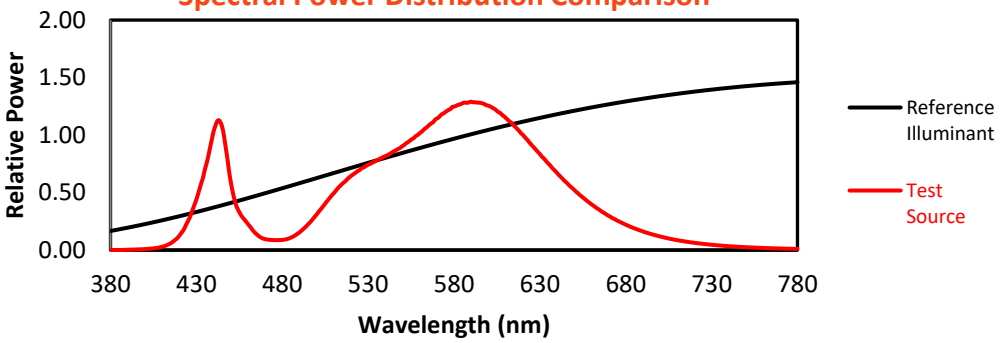
REPORT NUMBER: SP1-2407-184-5

TM-30-18

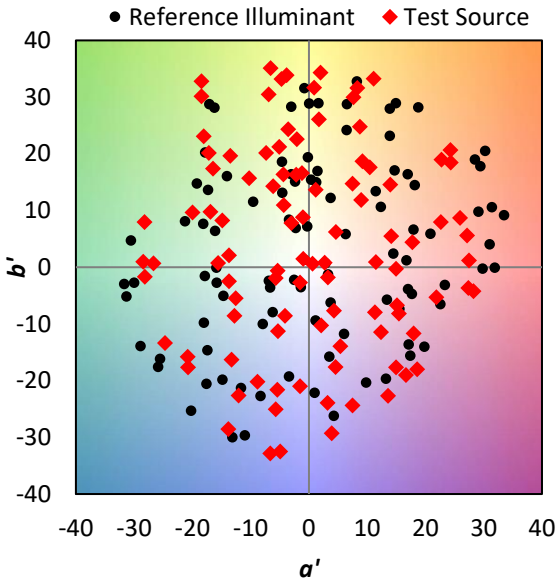
Summary

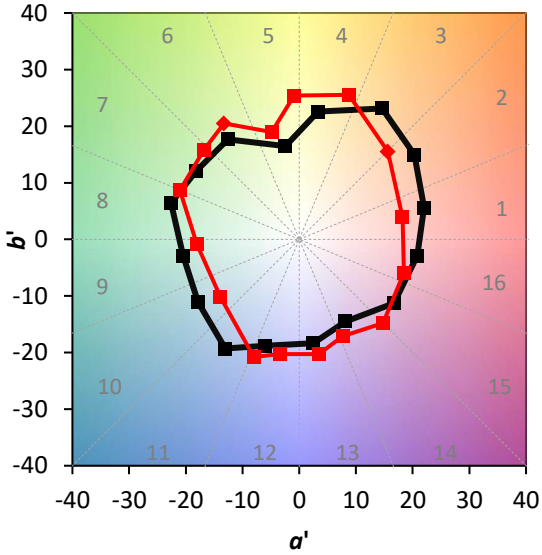
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

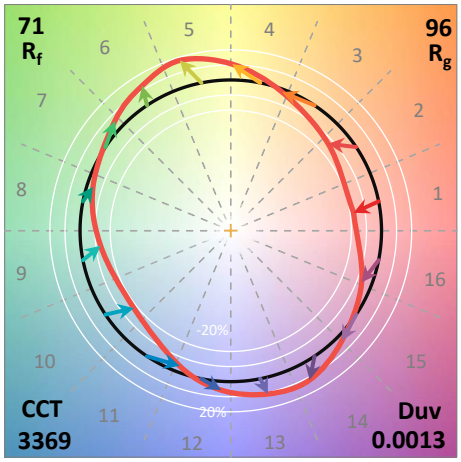
Spectral Power Distribution Comparison

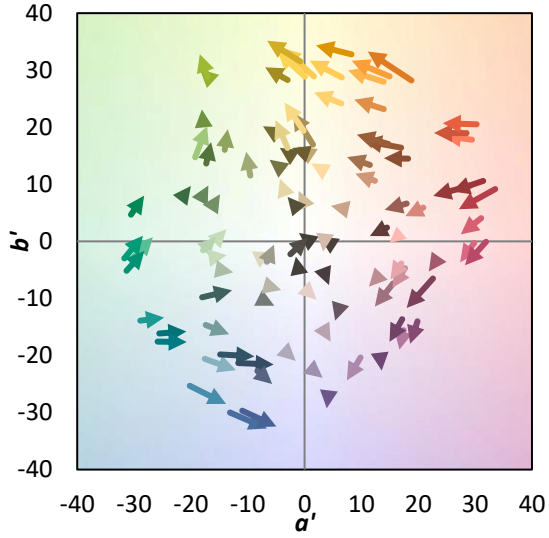


Color Vector Graphics







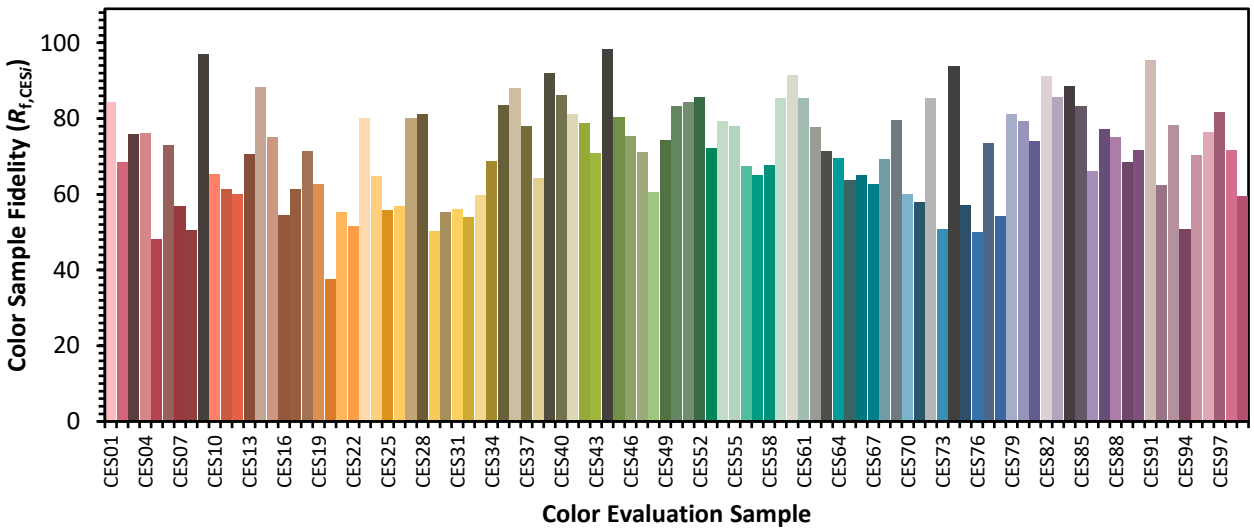


REPORT NUMBER: SP1-2407-184-5

TM-30-18

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

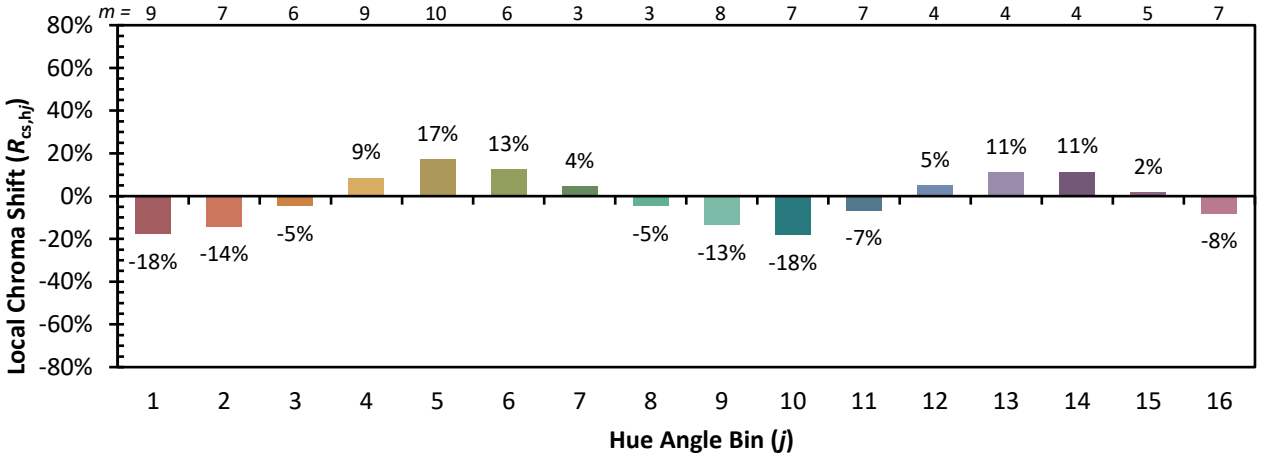
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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

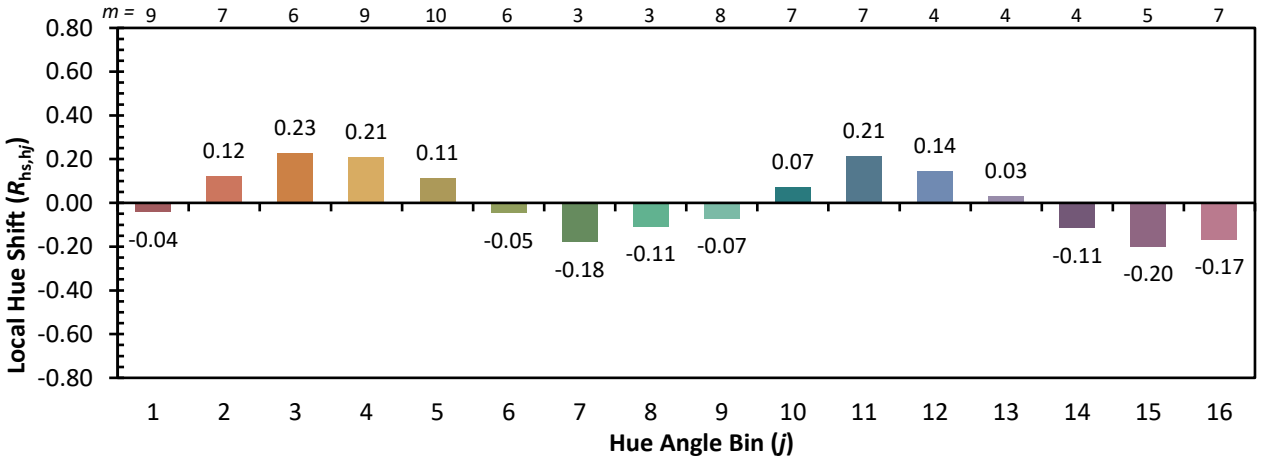


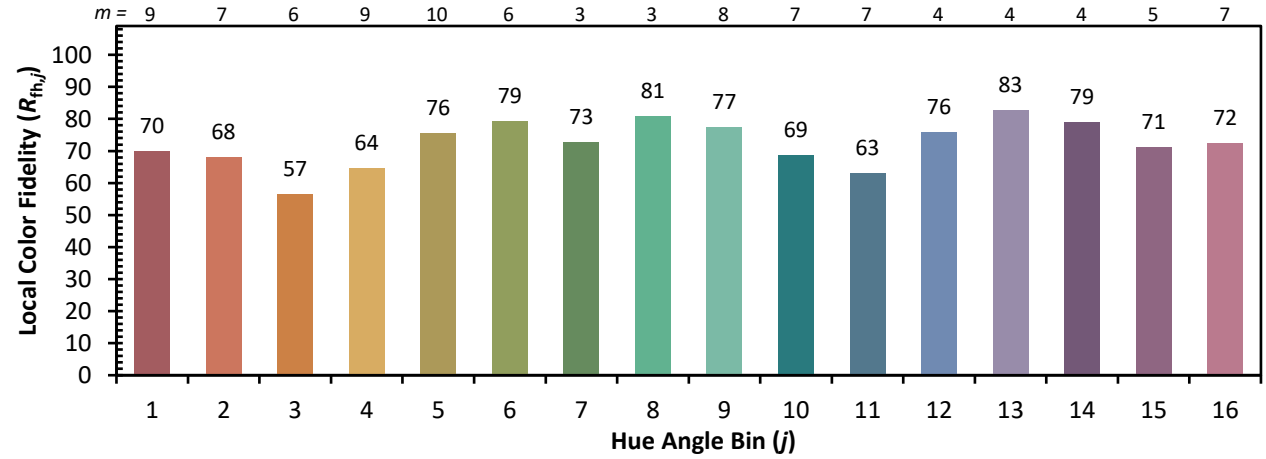
REPORT NUMBER: SP1-2407-184-5

TM-30-18

Color Rendition by Hue-Angle Bin



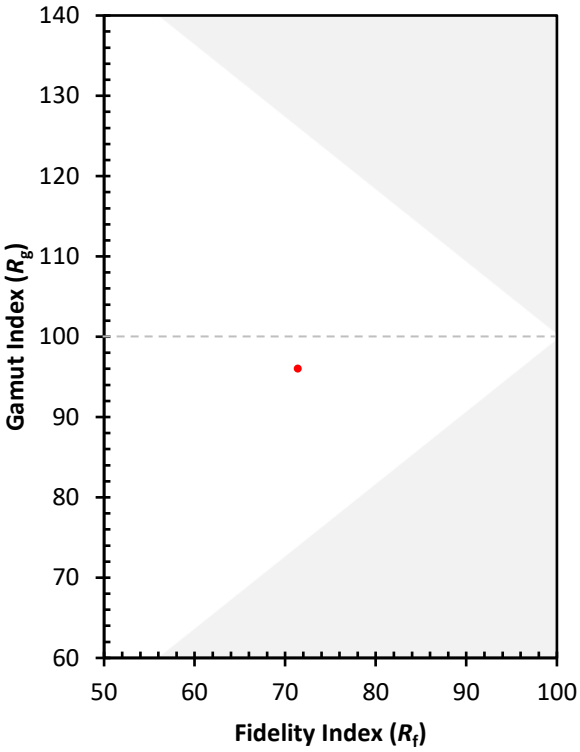


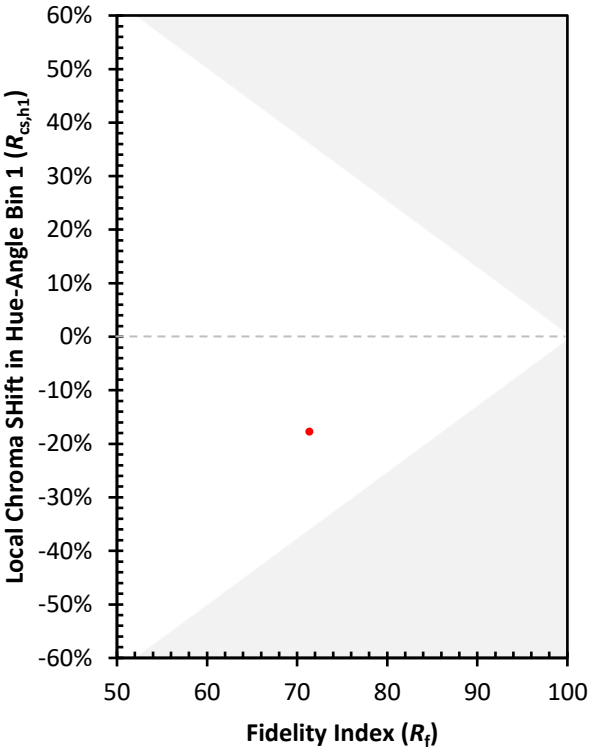


REPORT NUMBER: SP1-2407-184-5

TM-30-18

Measure Comparisons





(END OF REPORT)