Signify Classified - Internal

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: P1358452

Luminaire Tested: **GSS-SB6B-730-U-SL4**

Issue Date: 02/18/2026

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1358452
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6B-730-U-SL4
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 219W 70CRI 3000K FIXTURE w/ TYPE IV SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(156) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31547.5 lumens
Efficiency:	N/A
Efficacy:	144.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G4

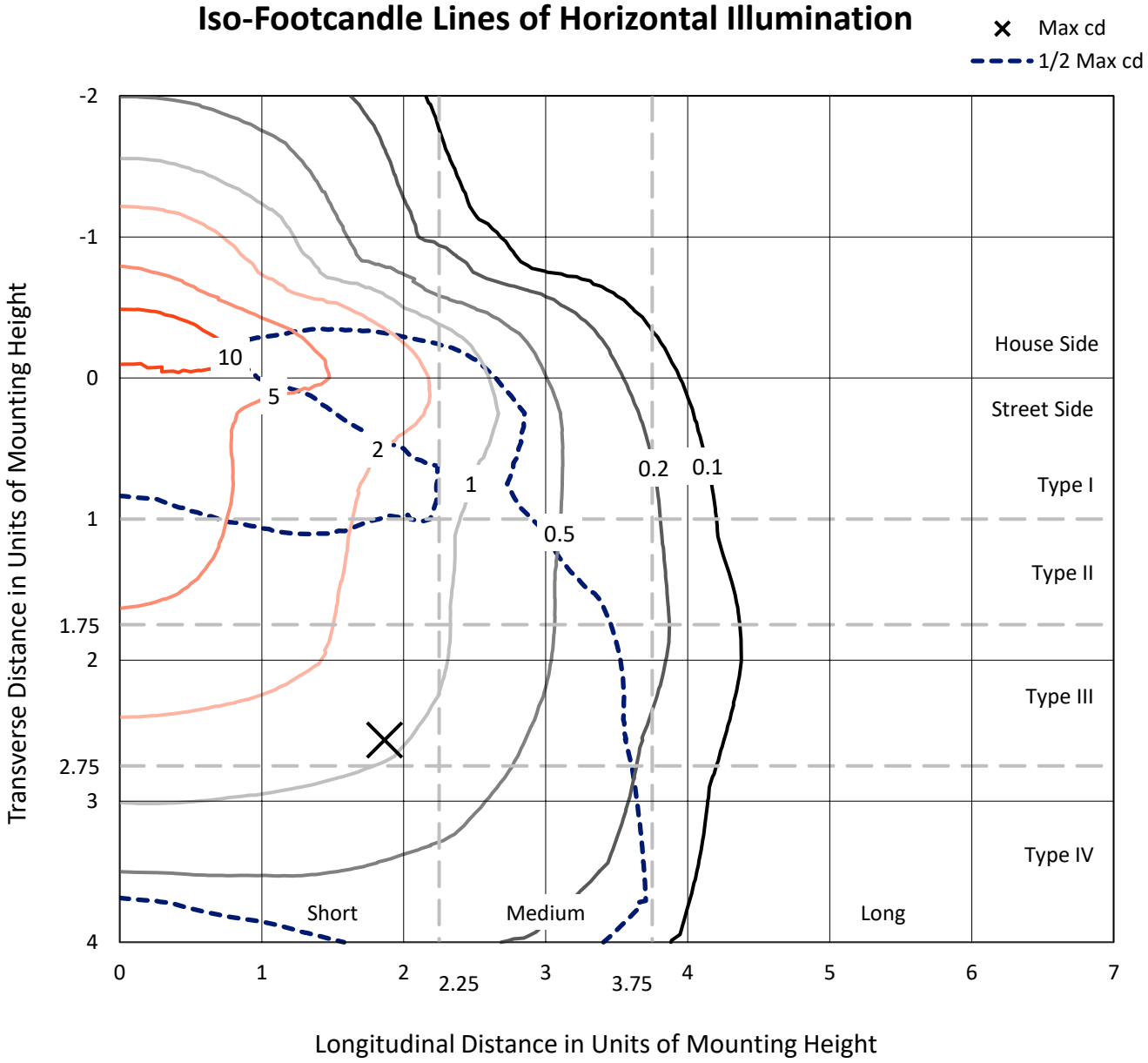
Input Watts (W):	219
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1358452
CATALOG NUMBER: GSS-SB6B-730-U-SL4

Iso-Footcandle Lines of Horizontal Illumination



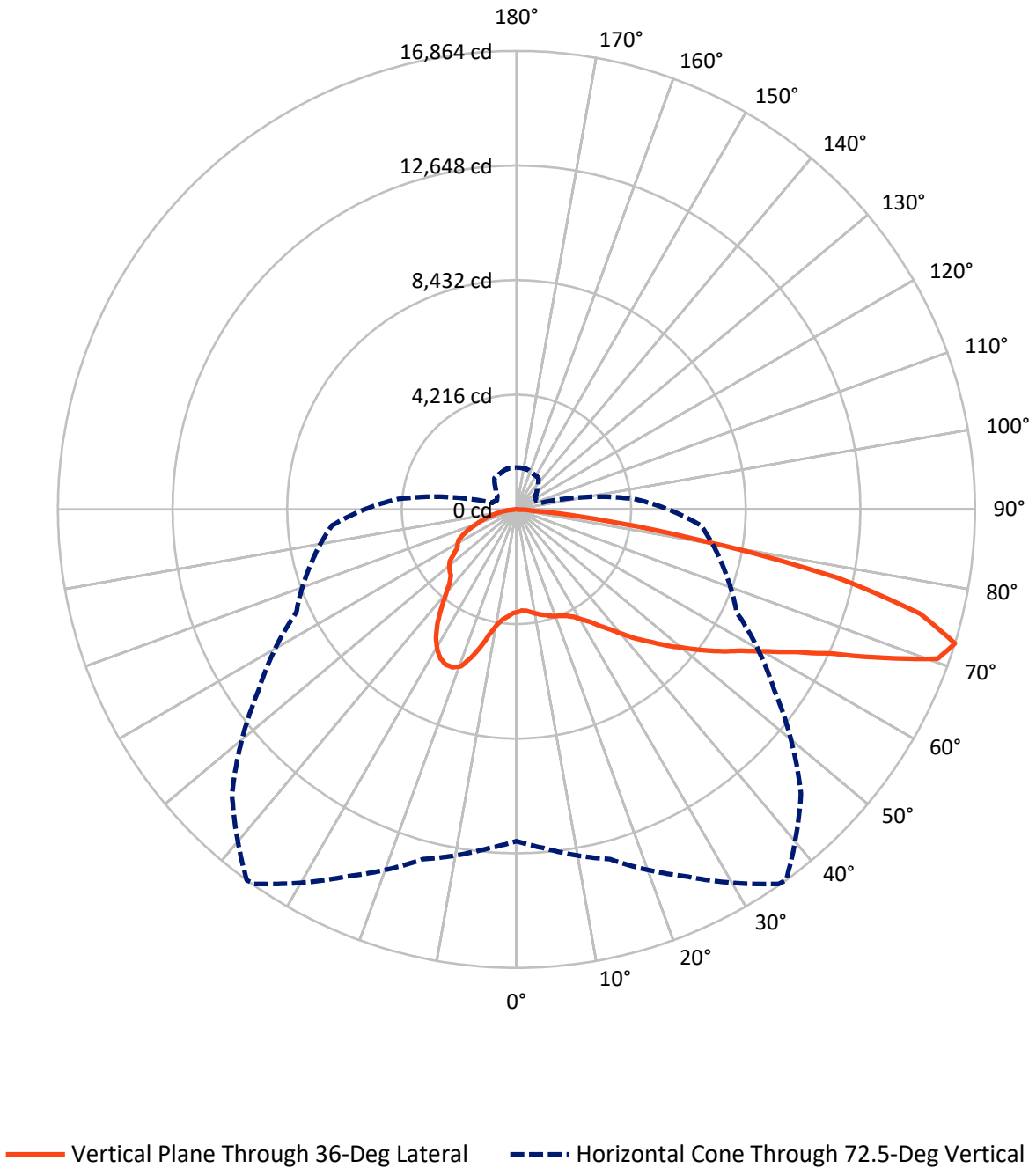
Based on 20 foot mounting height. Maximum calculated value = 12.7 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1358452
CATALOG NUMBER: GSS-SB6B-730-U-SL4

Luminous Intensity Polar Plot



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

Scaled Data Report

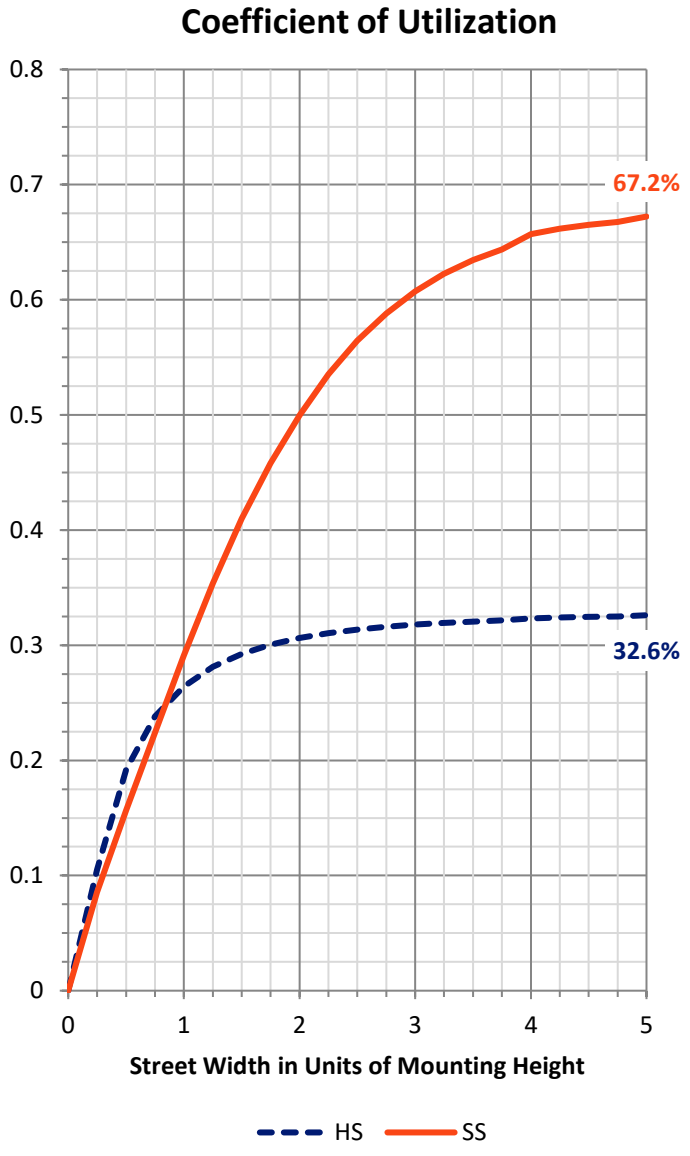
REPORT NUMBER: P1358452
CATALOG NUMBER: GSS-SB6B-730-U-SL4

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10382.0	0.0	10382.0
	% Fixture	32.9	0.0	32.9
Street Side	Lumens	21165.5	0.0	21165.5
	% Fixture	67.1	0.0	67.1
Total	Lumens	31547.5	0.0	31547.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	374.0	1.2
10°-20°	1289.3	4.1
20°-30°	2448.1	7.8
30°-40°	3574.6	11.3
40°-50°	4754.5	15.1
50°-60°	6095.9	19.3
60°-70°	7170.7	22.7
70°-80°	5371.5	17.0
80°-90°	468.9	1.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	31547.5	100.0
0°-180°	31547.5	100.0



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

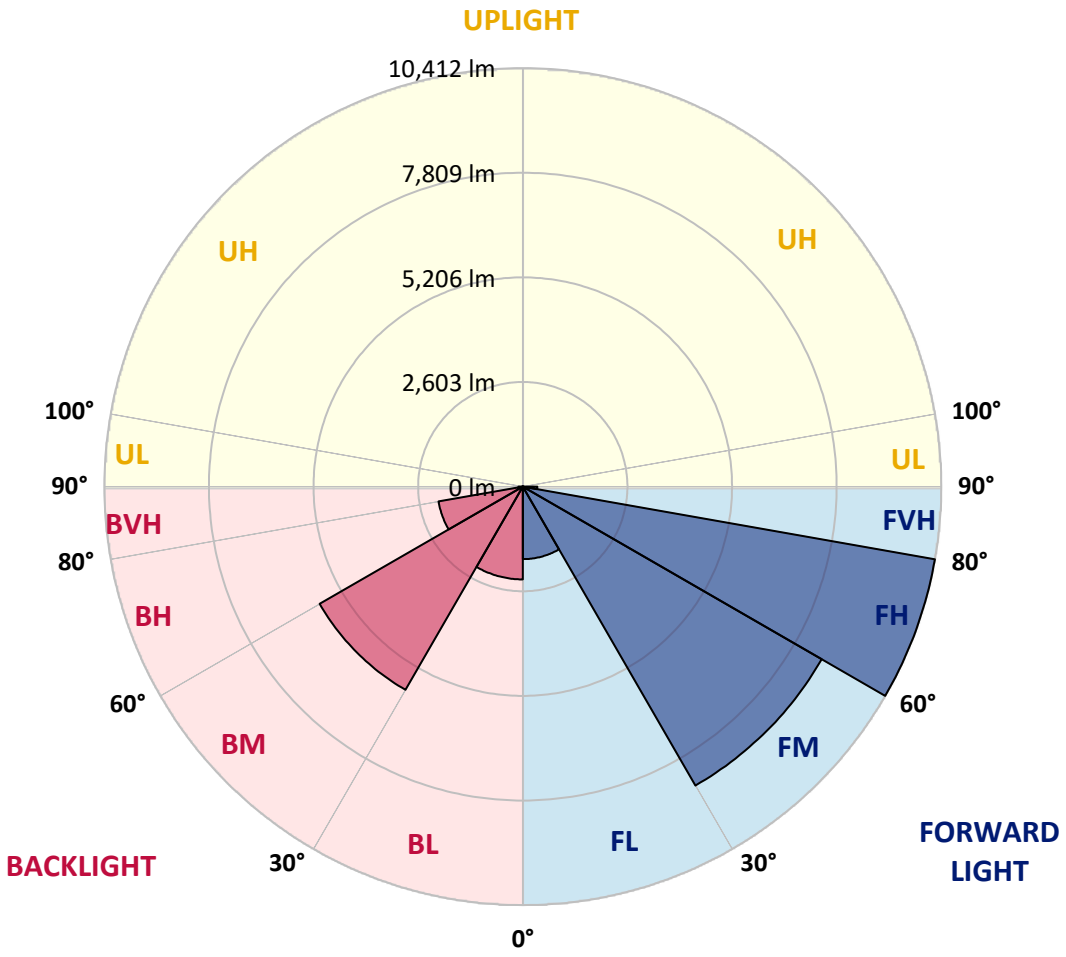
Scaled Data Report

REPORT NUMBER: P1358452
CATALOG NUMBER: GSS-SB6B-730-U-SL4

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1803.5	5.7			
FM	(30°-60°)	8588.3	27.2			
FH	(60°-80°)	10412.5	33.0			G4/12000
FVH	(80°-90°)	361.2	1.1			G3/500
BL	(0°-30°)	2307.9	7.3	B3/2500		
BM	(30°-60°)	5836.7	18.5	B4/8500		
BH	(60°-80°)	2129.7	6.8	B3/2500		G3/2500
BVH	(80°-90°)	107.7	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1358452
CATALOG NUMBER: GSS-SB6B-730-U-SL4

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	36°	45°	55°	65°	75°	85°
0°	3777.8	3777.8	3777.8	3777.8	3777.8	*3777.8*	3777.8	3777.8	3777.8	3777.8	3777.8
2.5°	3749.2	3727.7	3742.0	3727.7	3727.7	*3727.7*	3742.0	3742.0	3763.5	3763.5	3763.5
5°	3777.8	3770.7	3777.8	3770.7	3749.2	*3749.2*	3763.5	3749.2	3785.0	3770.7	3792.1
7.5°	3856.5	3842.2	3842.2	3820.7	3827.9	*3813.6*	3827.9	3806.4	3827.9	3813.6	3813.6
10°	3949.5	3928.1	3935.2	3906.6	3885.1	*3892.3*	3906.6	3885.1	3892.3	3899.5	3899.5
12.5°	4028.2	4013.9	4013.9	3956.7	3971.0	*3971.0*	3985.3	3963.8	3978.2	3971.0	3999.6
15°	4128.4	4106.9	4092.6	4049.7	4042.6	*4035.4*	4056.9	4035.4	4071.2	4064.0	4099.8
17.5°	4221.4	4200.0	4185.6	4114.1	4099.8	*4121.3*	4128.4	4114.1	4149.9	4164.2	4235.7
20°	4307.3	4314.4	4264.4	4178.5	4178.5	*4185.6*	4185.6	4185.6	4242.9	4264.4	4343.1
22.5°	4457.5	4443.2	4393.1	4293.0	4250.0	*4250.0*	4314.4	4271.5	4307.3	4357.4	4493.3
25°	4650.7	4622.1	4536.2	4407.5	4335.9	*4343.1*	4364.5	4335.9	4378.8	4436.1	4643.6
27.5°	4994.2	4958.4	4808.1	4550.6	4464.7	*4471.8*	4479.0	4400.3	4393.1	4486.2	4772.4
30°	5495.0	5452.1	5223.1	4901.1	4672.2	*4686.5*	4607.8	4464.7	4414.6	4514.8	4922.6
32.5°	6038.8	5981.5	5752.6	5294.7	4987.0	*4915.5*	4765.2	4514.8	4436.1	4543.4	5058.6
35°	6689.9	6639.8	6360.8	5716.8	5294.7	*5251.7*	4951.2	4622.1	4493.3	4564.9	5187.3
37.5°	7612.9	7484.1	7147.8	6260.6	5666.7	*5602.3*	5194.5	4772.4	4500.5	4550.6	5366.2
40°	8407.1	8278.3	7913.4	6947.5	6139.0	*6038.8*	5552.2	4951.2	4572.0	4579.2	5595.2
42.5°	9237.0	9115.4	8721.9	7527.0	6561.1	*6511.0*	5867.1	5165.9	4665.0	4657.9	5852.8
45°	10110.0	10117.1	9508.9	8221.0	7061.9	*6961.8*	6253.4	5452.1	4836.8	4750.9	6274.9
47.5°	11340.6	11204.7	10460.5	8886.5	7620.0	*7491.2*	6661.3	5752.6	5094.3	4965.5	6747.1
50°	12335.1	12235.0	11333.5	9652.0	8142.3	*8006.4*	7140.6	6081.7	5323.3	5266.0	7376.8
52.5°	13165.1	12993.4	12163.4	10374.7	8729.0	*8607.4*	7534.2	6403.7	5645.3	5616.6	8113.7
55°	13623.0	13444.2	12735.8	11047.3	9394.5	*9208.4*	7977.8	6790.1	6031.6	6045.9	8936.5
57.5°	13980.8	13794.8	13100.7	11555.3	10052.7	*9802.3*	8464.3	7212.2	6489.5	6625.5	10059.9
60°	14109.6	13923.5	13408.4	12227.8	10761.1	*10603.6*	9015.2	7734.5	7019.0	7305.2	11154.6
62.5°	14295.6	14338.5	13973.6	13050.6	11684.0	*11548.1*	9723.6	8378.5	7670.1	7899.1	11540.9
65°	14445.9	14424.4	14467.3	14188.3	12971.9	*12778.8*	10775.4	9215.6	8106.6	8099.4	11347.8
67.5°	14095.3	14116.7	14345.7	15032.6	14760.7	*14574.6*	12134.8	9988.3	8314.1	8478.6	10732.4
70°	13830.5	13894.9	14202.6	15061.2	16420.6	*16442.1*	14030.9	10646.6	8907.9	8478.6	9015.2
72.5°	*12199.2*	*12528.3*	*13322.5*	*14903.8*	*16814.1*	*16864.2*	*14796.4*	*11569.6*	*8929.4*	*7834.7*	*6811.5*
75°	8077.9	8335.5	10453.4	13372.6	15418.9	*15340.2*	13701.7	11126.0	8357.0	6389.4	4335.9
77.5°	2382.6	2869.1	4894.0	8292.6	11540.9	*12041.8*	11240.4	7612.9	6196.2	2997.9	1545.5
80°	679.7	758.4	1366.6	2912.1	6232.0	*6768.6*	6983.2	3641.9	1838.8	794.2	515.2
82.5°	329.1	343.4	493.7	815.7	2668.8	*2919.2*	2447.0	1101.9	493.7	286.2	200.3
85°	57.2	71.5	121.6	243.3	479.4	*579.6*	543.8	221.8	150.3	128.8	93.0
87.5°	14.3	14.3	21.5	21.5	28.6	*28.6*	28.6	35.8	35.8	35.8	35.8
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: P1358452
CATALOG NUMBER: GSS-SB6B-730-U-SL4

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3777.8	3777.8	3777.8	3777.8	3777.8	3777.8	3777.8	3777.8	3777.8	3777.8	3777.8
2.5°	3799.3	3799.3	3827.9	3842.2	3842.2	3820.7	3820.7	3885.1	3856.5	3870.8	3863.7
5°	3806.4	3835.1	3835.1	3878.0	3899.5	3935.2	3949.5	3978.2	4006.8	4006.8	3999.6
7.5°	3849.4	3870.8	3906.6	3935.2	3992.5	4049.7	4071.2	4157.0	4171.3	4207.1	4192.8
10°	3913.8	3949.5	4006.8	4085.5	4157.0	4250.0	4293.0	4386.0	4436.1	4493.3	4457.5
12.5°	4013.9	4056.9	4149.9	4257.2	4414.6	4557.7	4672.2	4765.2	4836.8	4901.1	4879.7
15°	4121.3	4207.1	4328.7	4521.9	4801.0	5058.6	5208.8	5366.2	5402.0	5459.2	5452.1
17.5°	4307.3	4364.5	4607.8	4994.2	5359.1	5580.9	5709.7	5788.4	5766.9	5788.4	5774.0
20°	4457.5	4600.6	5037.1	5602.3	5960.1	6103.2	6117.5	6045.9	5895.7	5867.1	5809.8
22.5°	4679.3	4894.0	5595.2	6181.9	6468.1	6453.8	6246.3	6031.6	5838.4	5759.7	5731.1
25°	4894.0	5280.4	6181.9	6732.8	6811.5	6561.1	6246.3	5967.2	5709.7	5631.0	5566.6
27.5°	5165.9	5724.0	6847.3	7197.9	6961.8	6575.4	6110.3	5795.5	5552.2	5423.5	5394.8
30°	5444.9	6239.1	7405.4	7419.7	7004.7	6425.2	5859.9	5580.9	5301.8	5173.0	5180.2
32.5°	5824.1	6804.4	7877.6	7584.3	6883.1	6124.6	5523.6	5223.1	4979.8	4915.5	4901.1
35°	6196.2	7441.2	8256.8	7598.6	6596.9	5702.5	5080.0	4743.7	4593.5	4529.1	4557.7
37.5°	6725.7	8092.3	8478.6	7462.6	6181.9	5137.3	4557.7	4293.0	4178.5	4157.0	4185.6
40°	7305.2	8693.3	8621.7	7305.2	5616.6	4536.2	4056.9	3892.3	3820.7	3835.1	3885.1
42.5°	7927.7	9187.0	8729.0	6947.5	4951.2	3985.3	3656.2	3584.6	3692.0	3756.4	3799.3
45°	8593.1	9637.7	8764.8	6439.5	4328.7	3563.2	3427.2	3563.2	3727.7	3756.4	3777.8
47.5°	9251.4	10031.2	8764.8	5766.9	3734.9	3284.1	3355.7	3534.5	3663.3	3613.3	3620.4
50°	9881.0	10346.1	8743.4	4987.0	3319.9	3141.0	3262.7	3377.1	3319.9	3176.8	3191.1
52.5°	10453.4	10625.1	8593.1	4185.6	2976.5	3105.3	3112.4	2969.3	2840.5	2769.0	2783.3
55°	11090.2	10882.7	8149.5	3470.2	2754.7	3012.2	2811.9	2625.9	2690.3	2668.8	2661.6
57.5°	11755.6	11183.2	7541.3	2854.8	2547.2	2790.4	2568.6	2554.3	2547.2	2518.5	2482.8
60°	12328.0	11426.5	6632.6	2246.7	2239.5	2454.1	2518.5	2482.8	2447.0	2389.8	2361.1
62.5°	11998.9	10818.3	5301.8	1817.4	1924.7	2189.4	2425.5	2354.0	2361.1	2311.1	2289.6
65°	11068.7	9616.3	3613.3	1516.9	1624.2	1953.3	2203.7	2139.3	2103.6	2089.2	2074.9
67.5°	9866.7	8328.4	2382.6	1202.0	1359.4	1710.0	1946.1	1867.4	1917.5	1917.5	1910.4
70°	7763.1	6367.9	1502.5	980.2	1080.4	1416.7	1617.0	1652.8	1724.3	1731.5	1724.3
72.5°	*5580.9*	*4357.4*	*937.3*	*787.0*	*858.6*	*1080.4*	*1409.5*	*1445.3*	*1524.0*	*1538.3*	*1538.3*
75°	3291.3	2454.1	629.6	629.6	665.4	880.1	1166.3	1280.7	1316.5	1330.8	1316.5
77.5°	1323.7	944.5	415.0	465.1	515.2	708.3	894.4	1037.5	1023.2	1016.0	980.2
80°	472.2	407.8	286.2	307.7	372.1	529.5	665.4	708.3	751.3	729.8	708.3
82.5°	193.2	186.0	178.9	200.3	221.8	322.0	465.1	465.1	472.2	465.1	457.9
85°	71.5	71.5	85.9	100.2	121.6	150.3	207.5	264.7	221.8	157.4	164.6
87.5°	35.8	35.8	28.6	28.6	35.8	50.1	50.1	64.4	64.4	35.8	21.5
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

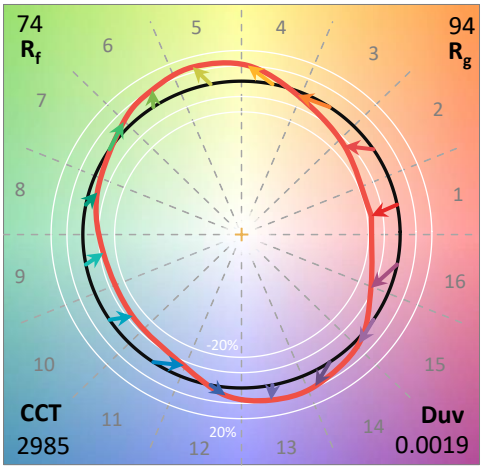
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

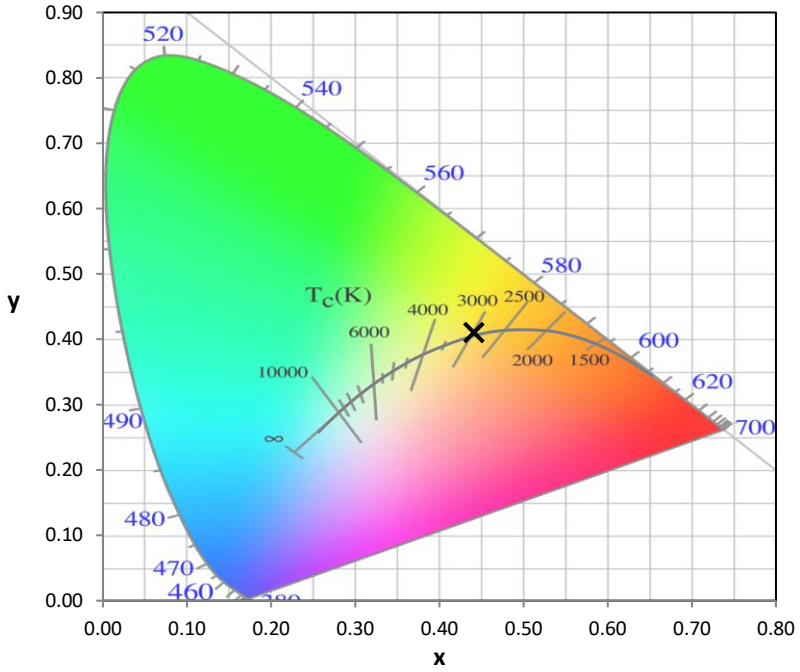
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

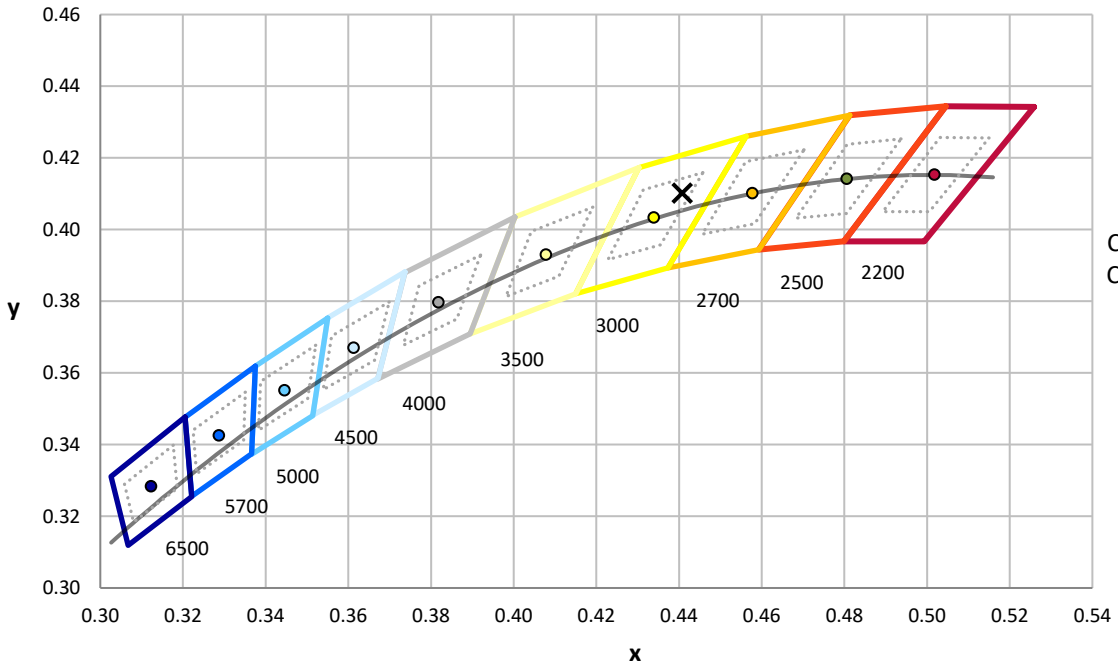
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

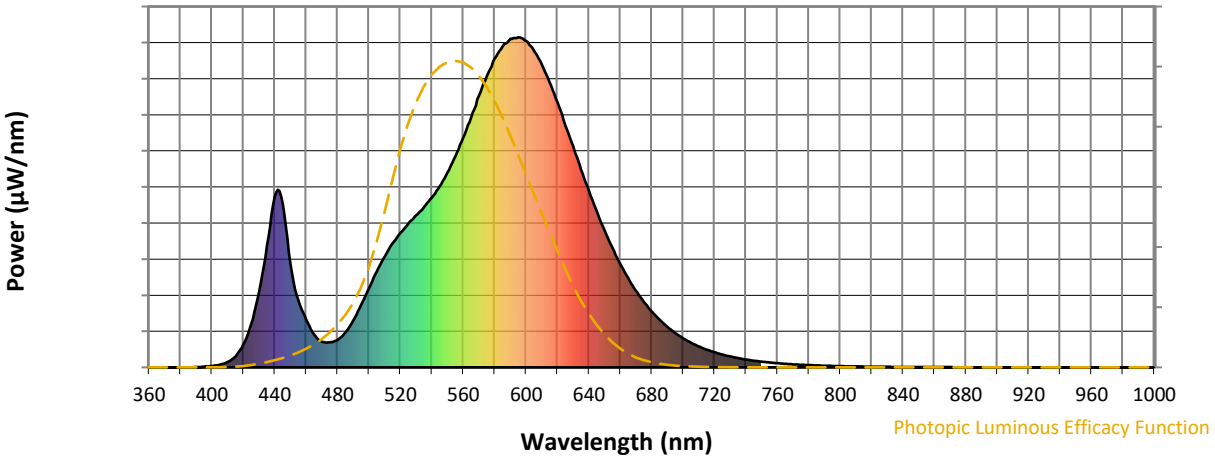


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

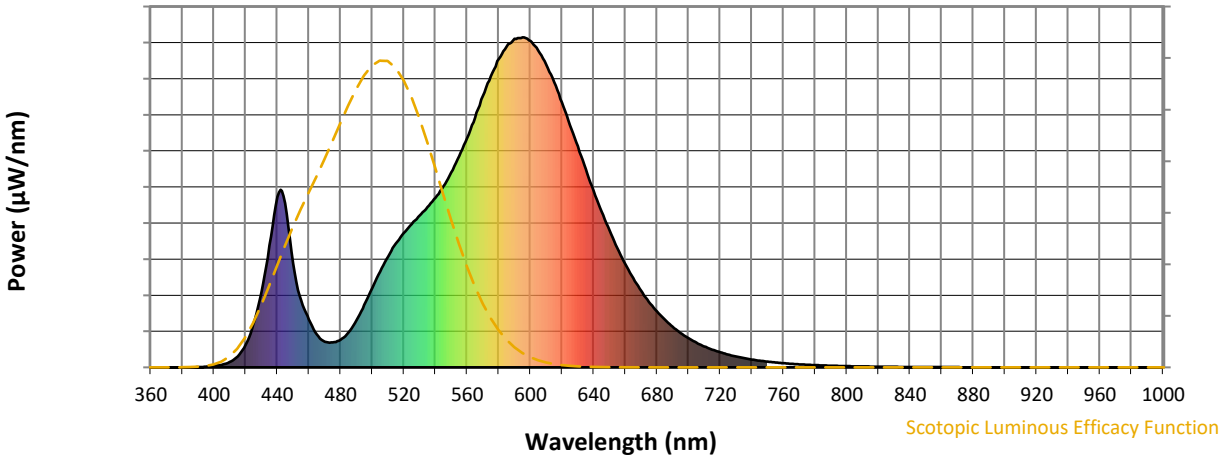


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

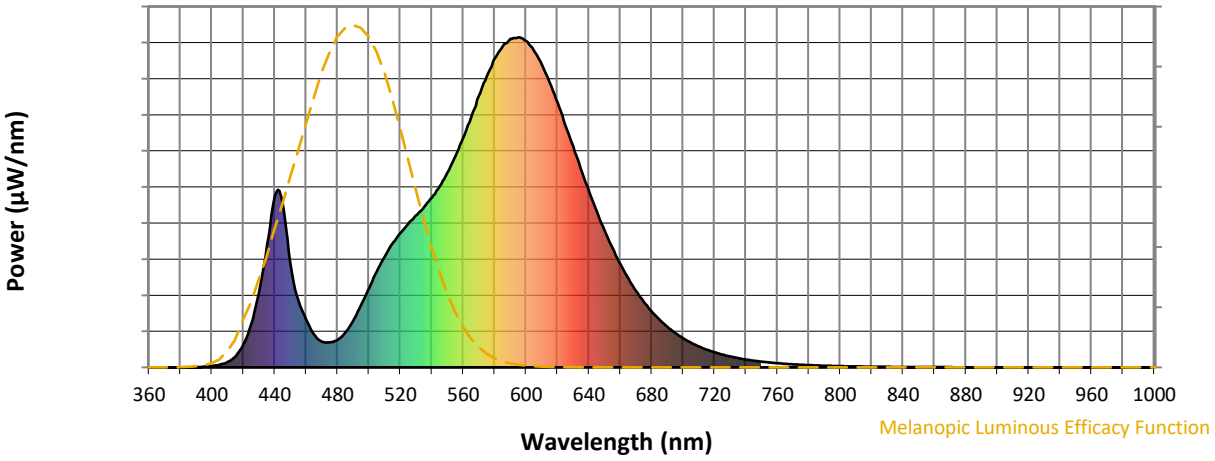


Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

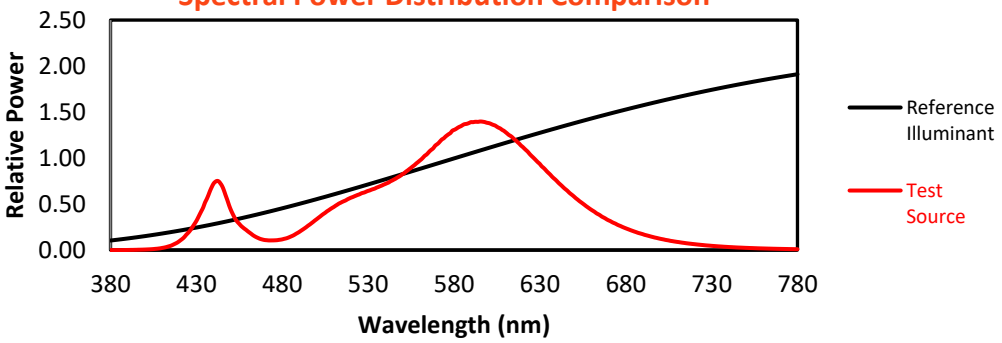
REPORT NUMBER: SP1-2407-184-4

TM-30-18

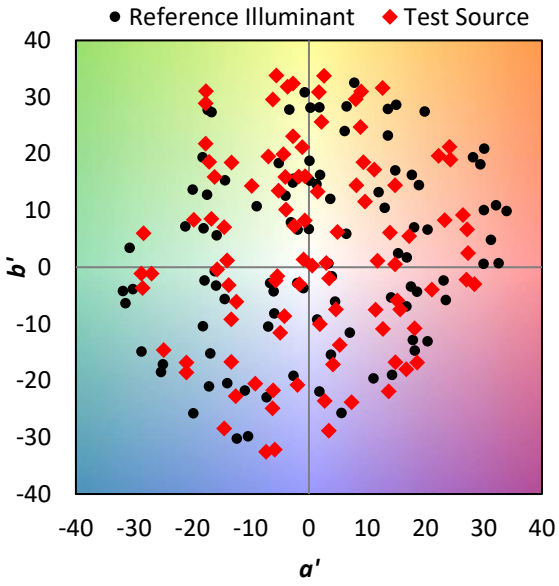
Summary

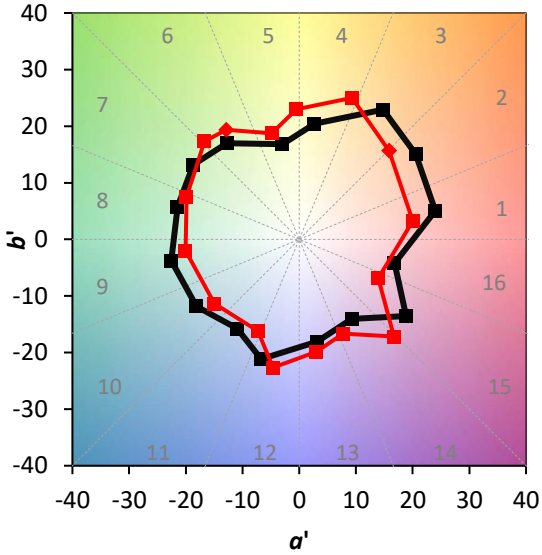
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

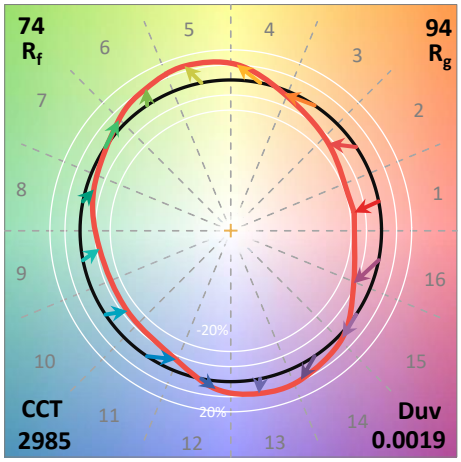
Spectral Power Distribution Comparison

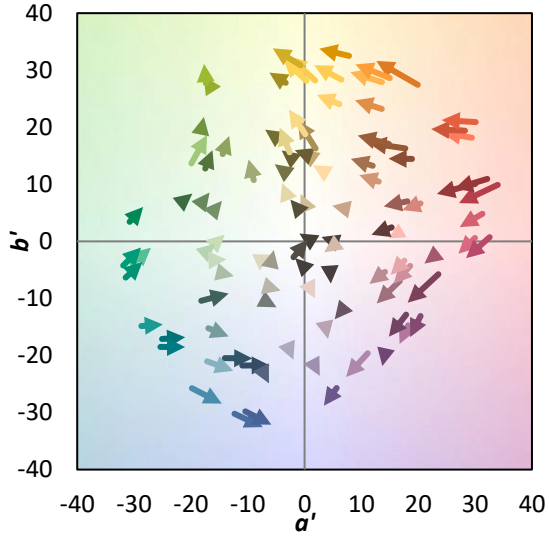


Color Vector Graphics







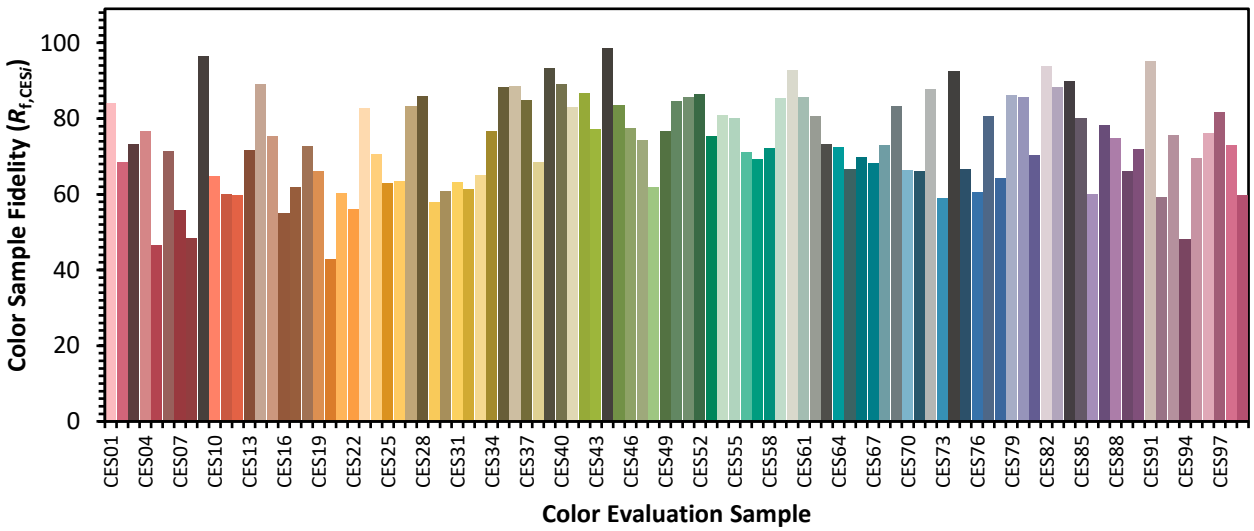


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

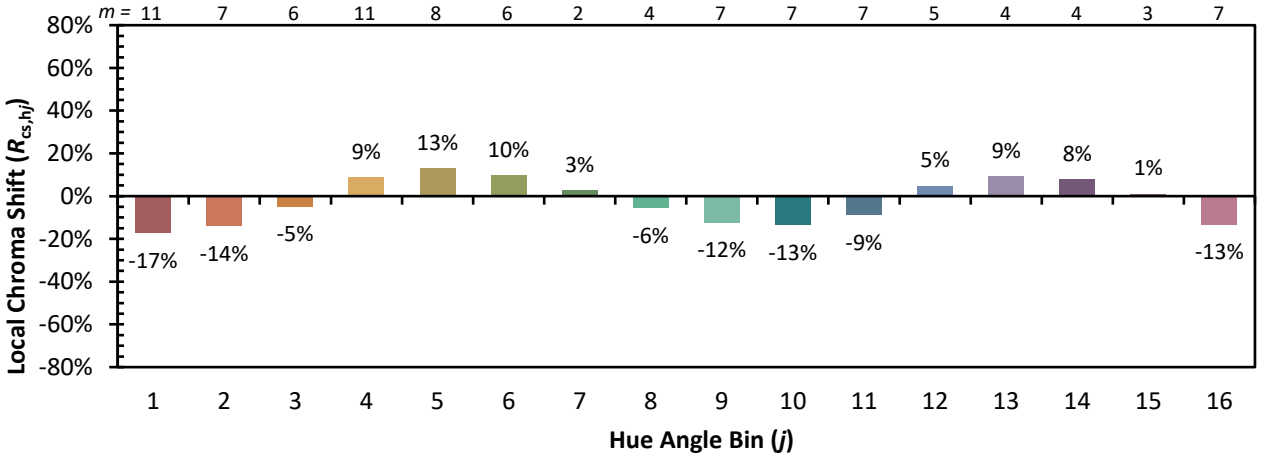
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	

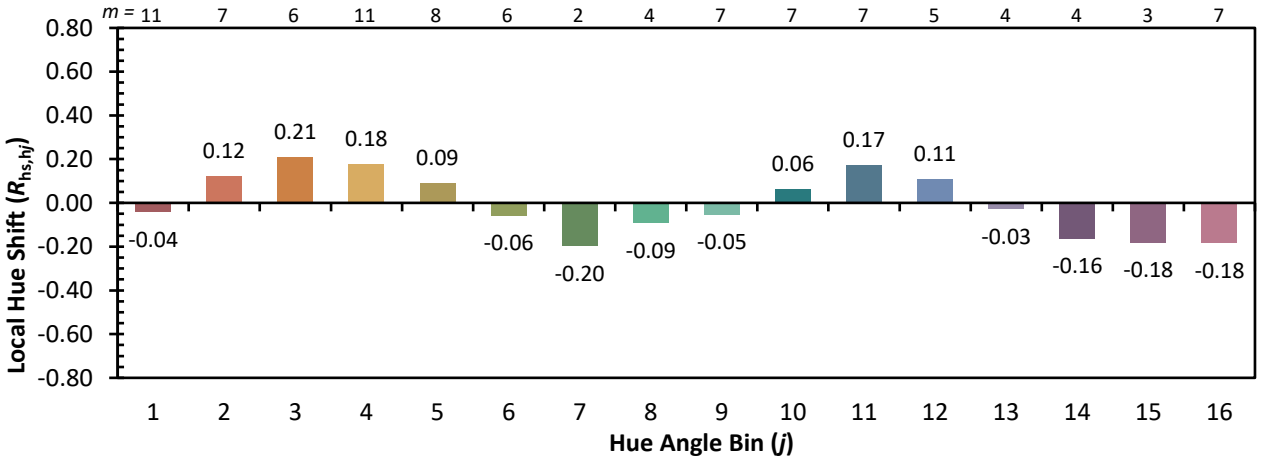


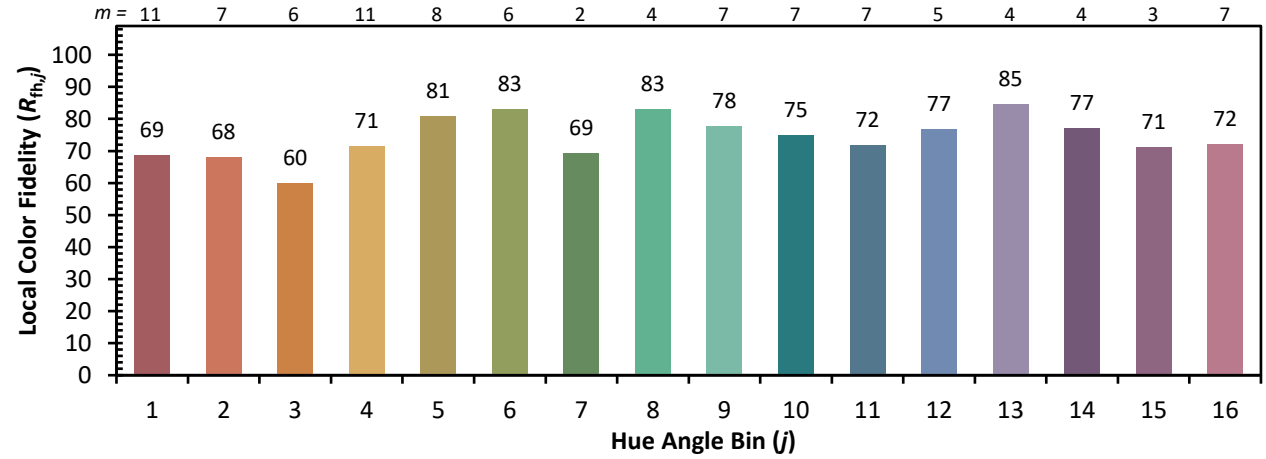
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



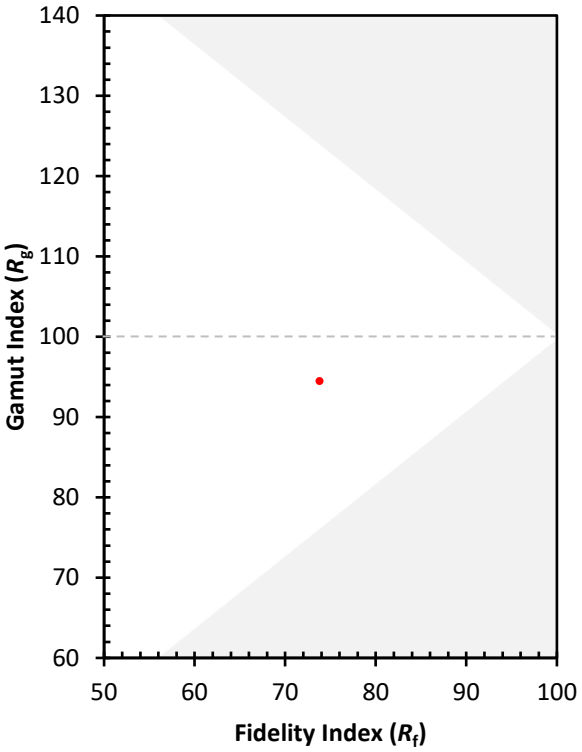


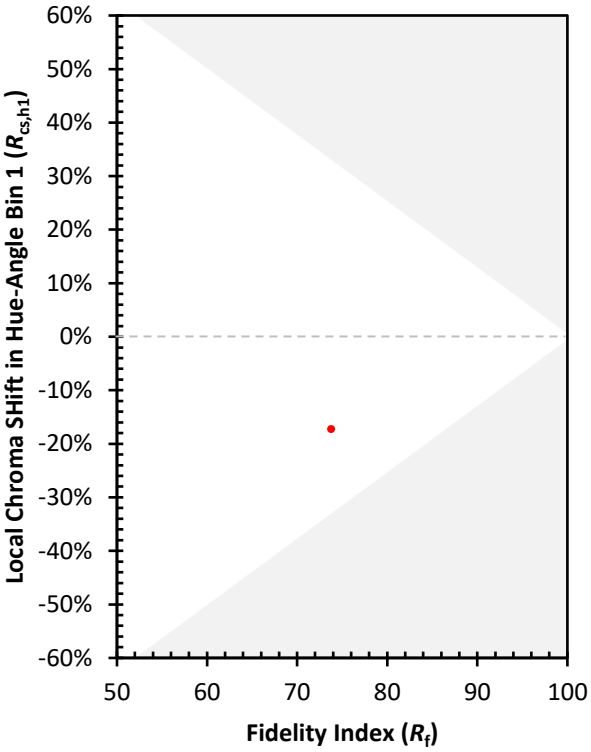


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)