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: P1363445

Luminaire Tested: **GSS-SB6C-730-U-SL3**

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:	P1363445
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-730-U-SL3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 3000K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(156) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	40450.5 lumens
Efficiency:	N/A
Efficacy:	134.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G5

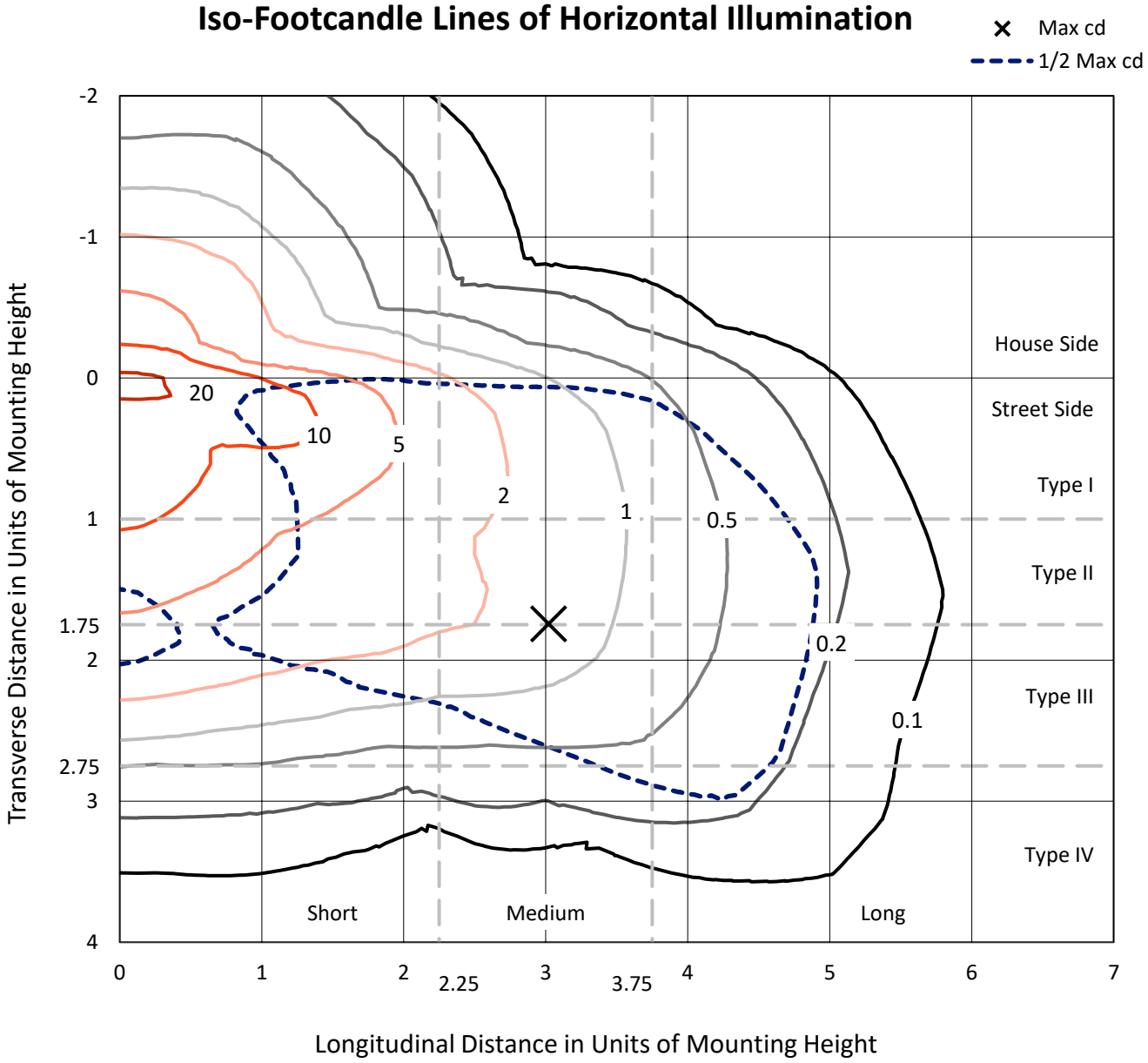
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1363445
CATALOG NUMBER: GSS-SB6C-730-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



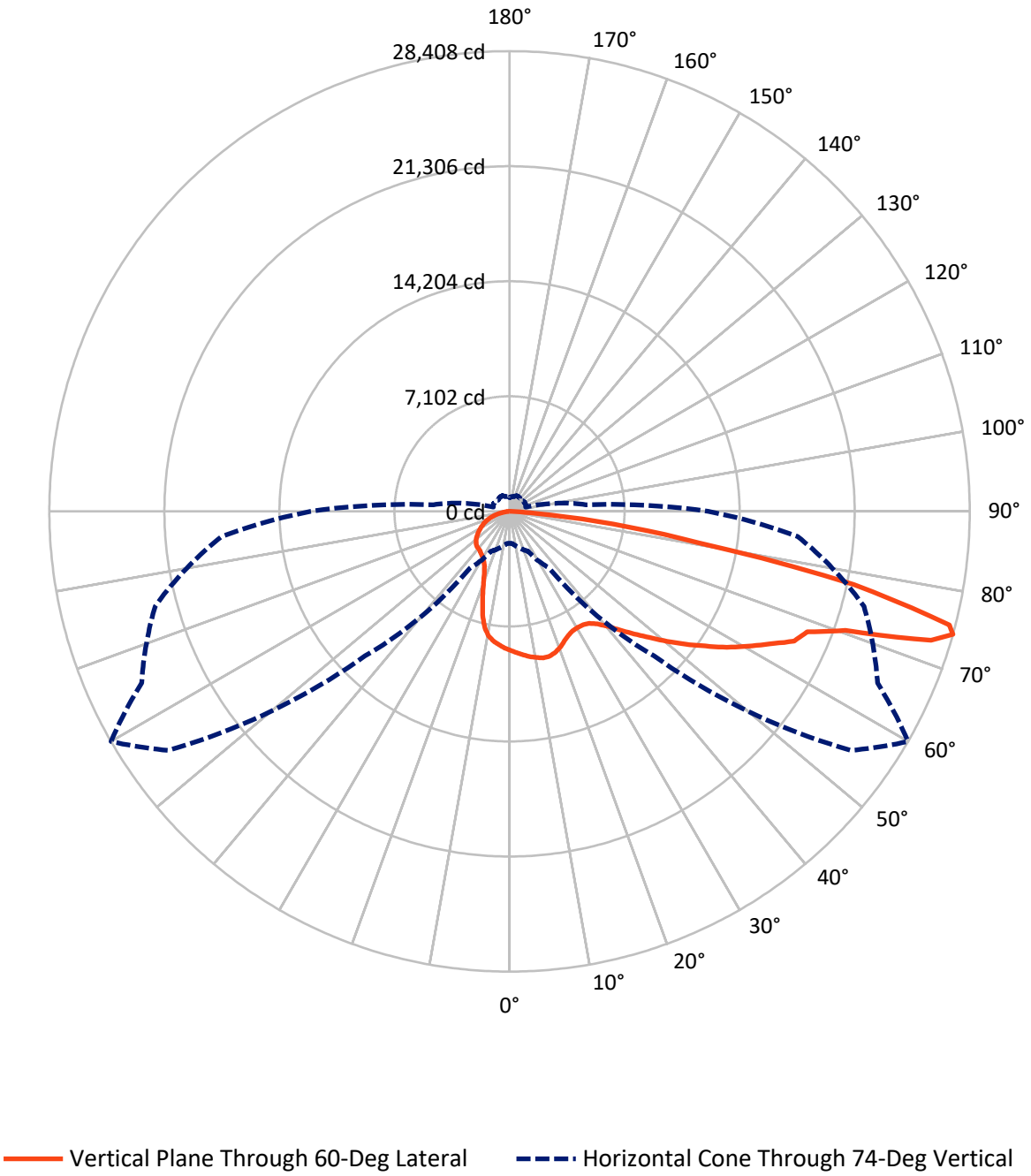
Based on 20 foot mounting height. Maximum calculated value = 21.4 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1363445
CATALOG NUMBER: GSS-SB6C-730-U-SL3

Luminous Intensity Polar Plot



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

Scaled Data Report

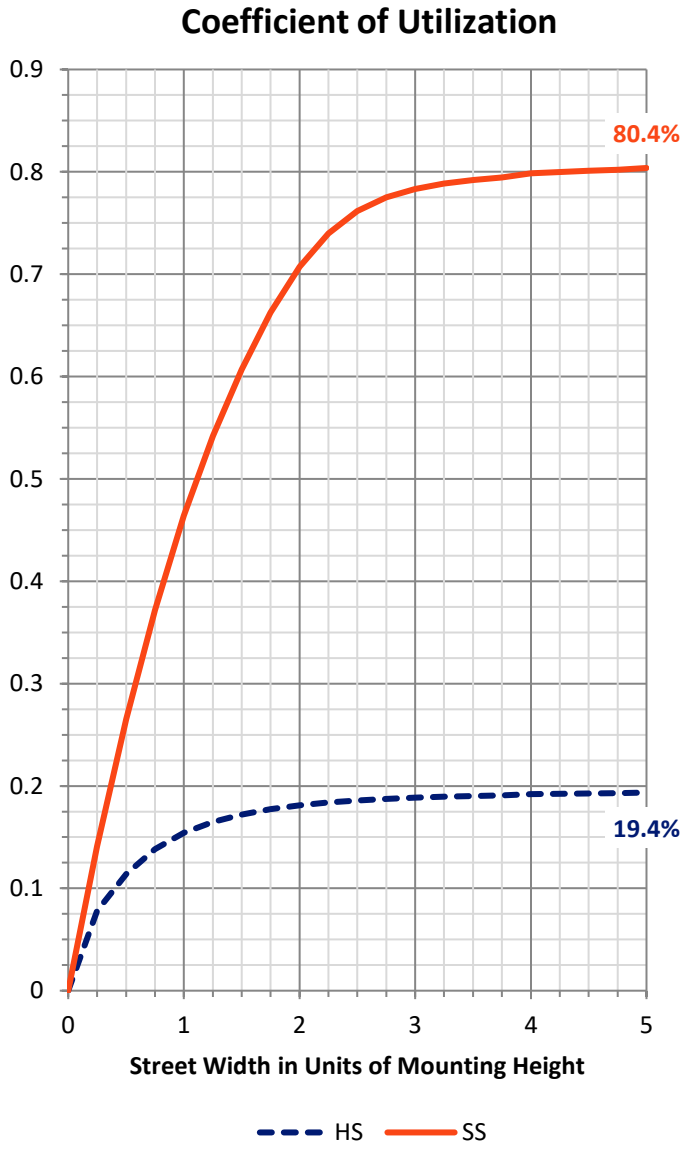
REPORT NUMBER: P1363445
CATALOG NUMBER: GSS-SB6C-730-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7895.8	0.0	7895.8
	% Fixture	19.5	0.0	19.5
Street Side	Lumens	32554.7	0.0	32554.7
	% Fixture	80.5	0.0	80.5
Total	Lumens	40450.5	0.0	40450.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	789.5	2.0
10°-20°	1937.2	4.8
20°-30°	2896.3	7.2
30°-40°	4128.7	10.2
40°-50°	5936.7	14.7
50°-60°	7948.8	19.7
60°-70°	9334.1	23.1
70°-80°	6657.6	16.5
80°-90°	821.6	2.0
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°	40450.5	100.0
0°-180°	40450.5	100.0



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

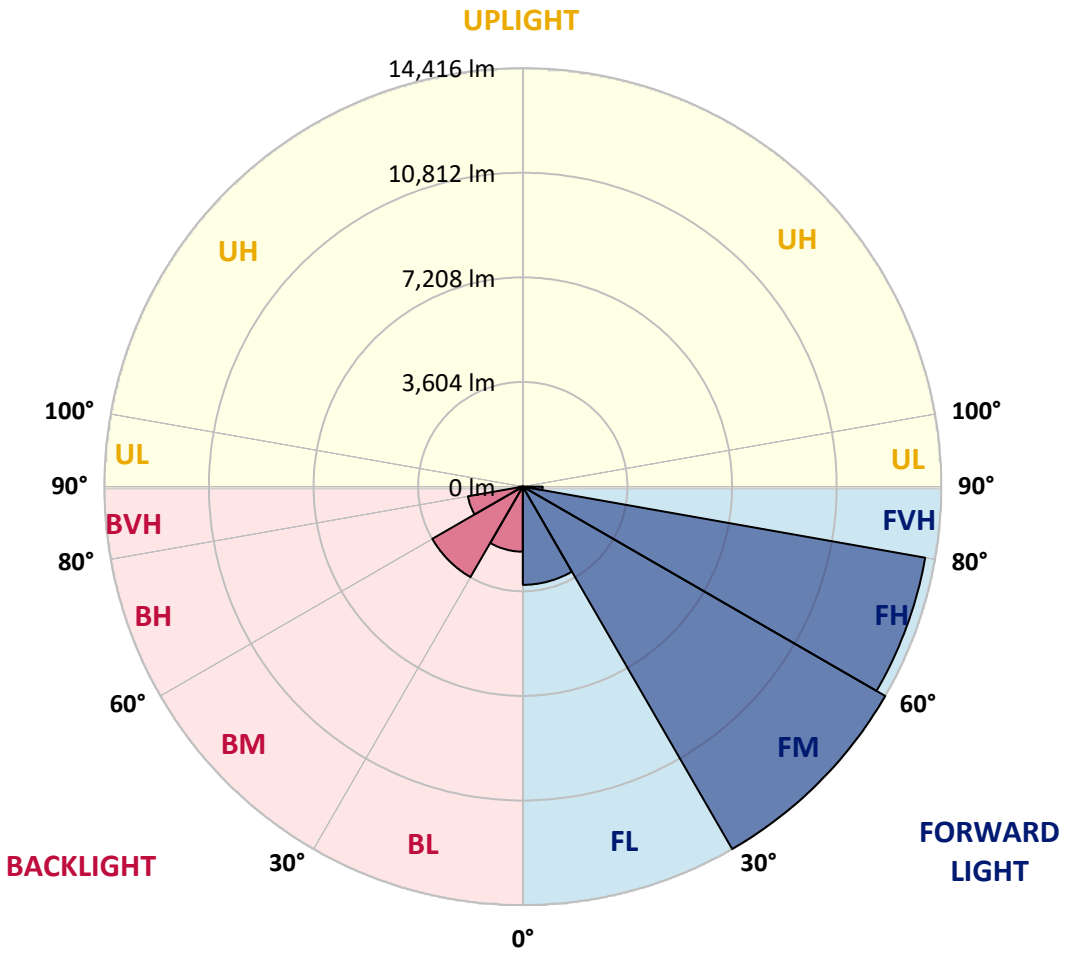
Scaled Data Report

REPORT NUMBER: P1363445
CATALOG NUMBER: GSS-SB6C-730-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3382.2	8.4			
FM	(30°-60°)	14415.6	35.6			
FH	(60°-80°)	14074.1	34.8			G5
FVH	(80°-90°)	682.8	1.7			G4/750
BL	(0°-30°)	2240.8	5.5	B3/2500		
BM	(30°-60°)	3598.6	8.9	B3/5000		
BH	(60°-80°)	1917.7	4.7	B3/2500		G3/2500
BVH	(80°-90°)	138.8	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1363445
CATALOG NUMBER: GSS-SB6C-730-U-SL3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	8579.8	8579.8	8579.8	8579.8	8579.8	8579.8	8579.8	*8579.8*	8579.8	8579.8	8579.8
2.5°	8851.7	8861.8	8821.5	8791.3	8791.3	8740.9	8740.9	*8740.9*	8690.6	8680.5	8610.0
5°	8952.4	8942.3	8922.2	8932.3	8942.3	8922.2	8932.3	*8902.1*	8831.6	8811.4	8700.7
7.5°	8670.4	8670.4	8720.8	8821.5	8962.5	9033.0	9073.3	*9053.1*	9022.9	8962.5	8801.4
10°	7653.4	7723.8	7874.9	8207.2	8620.1	8962.5	9184.0	*9174.0*	9184.0	9103.5	8922.2
12.5°	6757.1	6787.3	6928.3	7220.3	7814.5	8549.6	9163.9	*9284.7*	9314.9	9264.6	9043.0
15°	6273.7	6263.7	6374.4	6606.1	7059.2	7864.8	8942.3	*9274.7*	9455.9	9445.9	9214.2
17.5°	6062.3	6072.3	6132.8	6283.8	6616.1	7280.8	8549.6	*9153.8*	9526.4	9647.3	9375.4
20°	6163.0	6132.8	6163.0	6193.2	6374.4	6898.1	8126.7	*8942.3*	9586.8	9838.6	9556.6
22.5°	6374.4	6344.2	6334.2	6314.0	6354.3	6676.5	7744.0	*8680.5*	9637.2	10090.3	9768.1
25°	6747.0	6716.8	6626.2	6515.4	6465.1	6606.1	7492.2	*8459.0*	9687.5	10442.8	10040.0
27.5°	7280.8	7240.5	7109.6	6847.7	6686.6	6706.8	7411.7	*8338.1*	9778.2	10785.2	10301.8
30°	8076.3	8056.2	7764.1	7341.2	7008.9	6888.0	7452.0	*8307.9*	9878.9	11177.9	10563.6
32.5°	8791.3	8771.1	8549.6	8076.3	7522.4	7180.1	7552.7	*8348.2*	10009.8	11681.4	10946.3
35°	9375.4	9335.1	9153.8	8791.3	8227.4	7623.1	7774.2	*8489.2*	10291.8	12346.1	11409.5
37.5°	9969.5	9939.3	9687.5	9304.9	8952.4	8237.4	8146.8	*8811.4*	10674.4	13252.4	12084.2
40°	10684.5	10644.2	10342.1	9888.9	9576.8	9073.3	8680.5	*9325.0*	11258.5	14289.6	12849.6
42.5°	11369.3	11329.0	10976.5	10583.8	10191.0	9878.9	9435.8	*10009.8*	11983.5	15608.8	13755.9
45°	12164.8	12164.8	11671.4	11238.3	10825.5	10442.8	10150.8	*10795.3*	12829.4	17099.2	14762.9
47.5°	12910.0	12839.5	12356.1	11882.8	11480.0	10755.0	10835.5	*11621.0*	13776.0	18609.7	15850.5
50°	13151.7	13131.5	12809.3	12386.4	12044.0	11137.6	11540.5	*12607.9*	14843.5	20049.8	16877.7
52.5°	13433.7	13343.0	12879.8	12819.4	12426.6	11621.0	12406.5	*13625.0*	15820.3	21358.9	17703.4
55°	13786.1	13685.4	13051.0	12930.1	12718.7	12164.8	13393.4	*14672.3*	16746.8	22376.0	18478.8
57.5°	14430.6	14309.8	13413.5	13151.7	12980.5	12849.6	14511.2	*15830.4*	17683.3	23171.5	19143.5
60°	14803.2	14702.5	13937.2	13745.8	13494.1	13796.2	15709.5	*16897.8*	18569.5	23785.8	19657.0
62.5°	14611.9	14541.4	14007.7	14370.2	14571.6	15044.9	17079.1	*18005.5*	19274.4	24249.1	19677.2
65°	13625.0	13484.0	13121.5	14219.1	15810.2	17149.6	18821.2	*19304.6*	19737.6	23000.3	18488.9
67.5°	11258.5	11117.5	11329.0	12456.8	15105.3	20392.2	21217.9	*19828.2*	18901.8	21862.4	18317.7
70°	5115.7	4884.0	6163.0	8811.4	12497.1	19687.3	24551.2	*22003.4*	19747.7	21761.7	17975.3
72.5°	2507.5	2608.2	3011.0	3957.6	7643.3	15115.4	27068.7	*27209.7*	22617.7	22023.5	18217.0
74°	*1963.7*	*1993.9*	*2326.2*	*2719.0*	*4269.8*	*12618.0*	*25719.3*	*28408.0*	*25064.7*	*22647.9*	*17844.4*
75°	1691.8	1732.1	2064.4	2265.8	2749.2	10624.1	24007.4	*28045.5*	26182.5	22527.0	17018.6
77.5°	1238.6	1228.6	1470.3	1802.6	1289.0	4733.0	19445.6	*21731.5*	22325.6	18347.9	11349.1
80°	765.3	795.5	1017.1	1258.8	856.0	1802.6	11429.7	*11872.8*	10563.6	10624.1	5508.4
82.5°	463.2	483.4	543.8	654.6	473.3	634.4	5176.1	*6455.0*	5347.3	3474.2	926.5
85°	141.0	151.1	181.3	231.6	171.2	231.6	1742.1	*1571.0*	1117.8	463.2	271.9
87.5°	10.1	10.1	20.1	20.1	30.2	50.4	70.5	*80.6*	90.6	100.7	100.7
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

Scaled Data Report

REPORT NUMBER: P1363445
CATALOG NUMBER: GSS-SB6C-730-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8579.8	8579.8	8579.8	8579.8	8579.8	8579.8	8579.8	8579.8	8579.8	8579.8	8579.8
2.5°	8610.0	8579.8	8539.5	8469.0	8418.7	8368.3	8307.9	8217.3	8187.1	8197.1	8217.3
5°	8680.5	8600.0	8479.1	8318.0	8197.1	8096.4	7935.3	7804.4	7723.8	7723.8	7683.6
7.5°	8751.0	8640.2	8448.9	8177.0	7965.5	7683.6	7381.5	7079.4	6867.9	6777.2	6696.7
10°	8871.9	8700.7	8388.5	8026.0	7572.8	7008.9	6394.6	5770.2	5377.5	5176.1	5166.0
12.5°	8952.4	8781.2	8358.3	7774.2	6918.2	5850.8	4914.3	4400.7	4239.6	4169.1	4148.9
15°	9083.3	8851.7	8287.8	7311.0	5911.2	4632.3	4118.7	3967.7	3957.6	3967.7	3977.7
17.5°	9194.1	8912.1	8106.5	6575.8	4743.1	4028.1	3897.2	3887.1	3957.6	3987.8	4018.0
20°	9314.9	8962.5	7784.3	5548.7	4088.5	3846.8	3826.7	3887.1	3987.8	4068.4	4078.4
22.5°	9486.1	9002.8	7220.3	4531.6	3776.3	3746.1	3796.5	3856.9	3917.3	3987.8	4007.9
25°	9667.4	9002.8	6444.9	3836.7	3615.2	3695.8	3746.1	3695.8	3675.6	3736.0	3736.0
27.5°	9808.4	8932.3	5347.3	3464.2	3504.4	3635.3	3605.1	3494.4	3474.2	3514.5	3504.4
30°	9909.1	8670.4	4239.6	3262.7	3393.7	3504.4	3423.9	3363.4	3323.2	3333.2	3343.3
32.5°	10060.1	8267.6	3474.2	3121.8	3303.0	3293.0	3282.9	3222.5	3172.1	3182.2	3192.3
35°	10241.4	7603.0	3041.2	3021.1	3222.5	3141.9	3152.0	3081.5	3021.1	3021.1	3031.1
37.5°	10473.0	6807.5	2859.9	2980.8	3091.6	3081.5	3051.3	2960.6	2870.0	2849.9	2849.9
40°	10724.8	5830.6	2769.3	2960.6	3031.1	3061.3	3000.9	2890.1	2648.5	2497.4	2487.3
42.5°	10885.9	5025.0	2739.1	2930.4	3021.1	3051.3	2970.7	2628.3	2396.7	2296.0	2285.9
45°	11117.5	4581.9	2739.1	2849.9	2980.8	3011.0	2729.0	2497.4	2366.5	2316.1	2326.2
47.5°	11349.1	4581.9	2739.1	2789.4	2870.0	2910.3	2537.7	2437.0	2316.1	2316.1	2356.4
50°	11671.4	4833.7	2719.0	2698.8	2729.0	2578.0	2416.8	2336.3	2175.2	2114.7	2124.8
52.5°	12154.7	5216.4	2638.4	2567.9	2578.0	2386.6	2336.3	2215.4	2054.3	1933.5	1903.3
55°	12678.4	5629.2	2477.3	2416.8	2406.8	2265.8	2245.7	2114.7	1963.7	1802.6	1772.4
57.5°	13252.4	5961.6	2275.9	2265.8	2235.6	2145.0	2175.2	2084.5	1873.1	1661.6	1631.4
60°	13796.2	6334.2	2084.5	2104.7	2054.3	2034.2	2074.5	2014.0	1752.2	1520.6	1500.5
62.5°	13796.2	6324.1	1913.3	1933.5	1923.4	1873.1	1943.5	1903.3	1591.1	1399.8	1379.6
65°	13040.9	6042.1	1711.9	1762.3	1802.6	1701.9	1792.5	1722.0	1450.1	1299.1	1268.8
67.5°	12940.2	5931.4	1510.5	1560.9	1631.4	1520.6	1581.0	1510.5	1319.2	1188.3	1168.1
70°	12738.8	5679.6	1329.3	1389.7	1419.9	1299.1	1379.6	1329.3	1188.3	1087.6	1067.4
72.5°	12839.5	5458.1	1137.9	1208.4	1218.5	1107.7	1188.3	1168.1	1047.3	976.8	936.5
74°	*12275.6*	*4722.9*	*1027.2*	*1087.6*	*1067.4*	*986.9*	*1057.4*	*1057.4*	*946.6*	*896.2*	*845.9*
75°	11530.4	4189.2	946.6	1007.0	956.7	906.3	976.8	986.9	876.1	876.1	795.5
77.5°	7572.8	2809.6	745.2	785.5	765.3	735.1	775.4	765.3	684.8	664.6	614.3
80°	3705.8	1540.7	563.9	543.8	553.9	543.8	574.0	563.9	523.7	503.5	493.4
82.5°	694.8	513.6	372.6	362.5	342.4	322.2	362.5	362.5	483.4	543.8	543.8
85°	211.5	201.4	181.3	181.3	171.2	151.1	161.1	231.6	282.0	191.3	181.3
87.5°	90.6	90.6	80.6	70.5	50.4	50.4	40.3	40.3	40.3	40.3	40.3
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

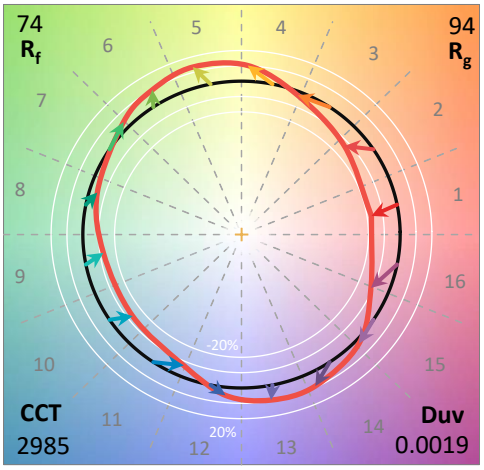
Test Information

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

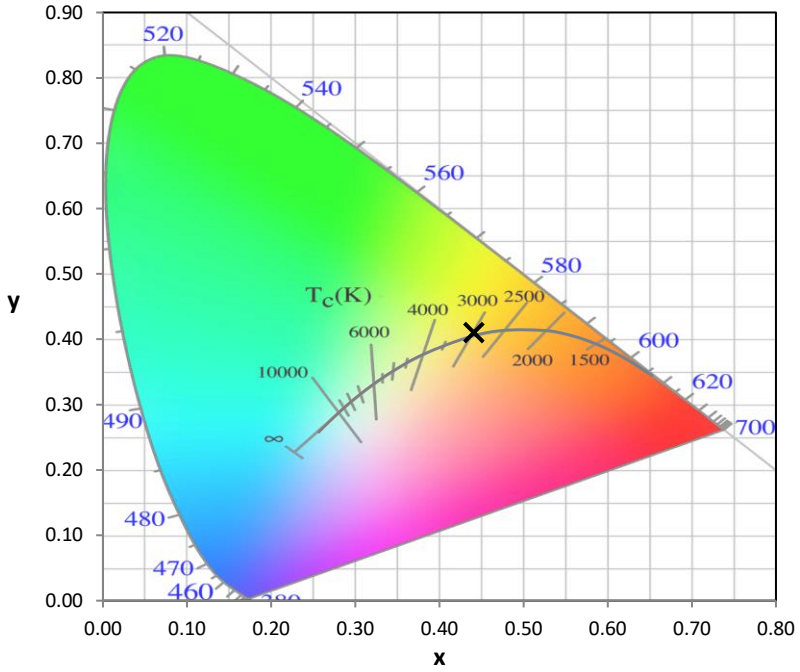
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

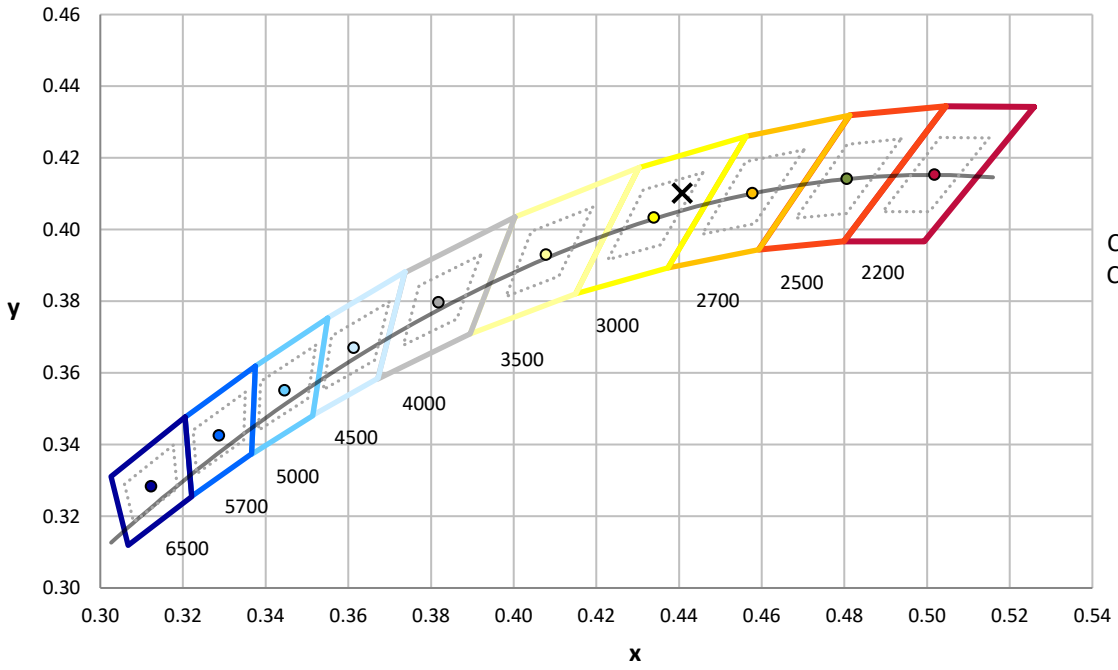
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

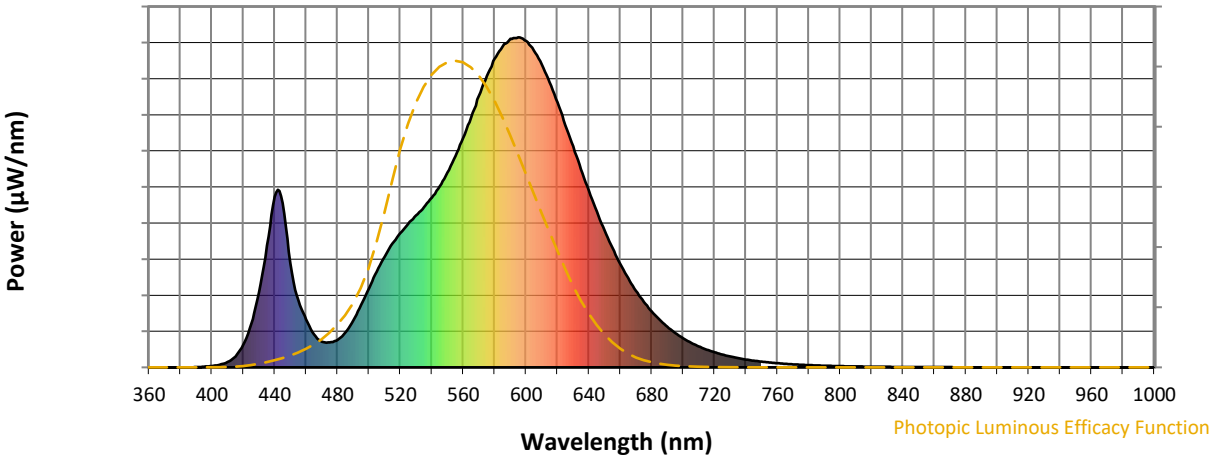


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

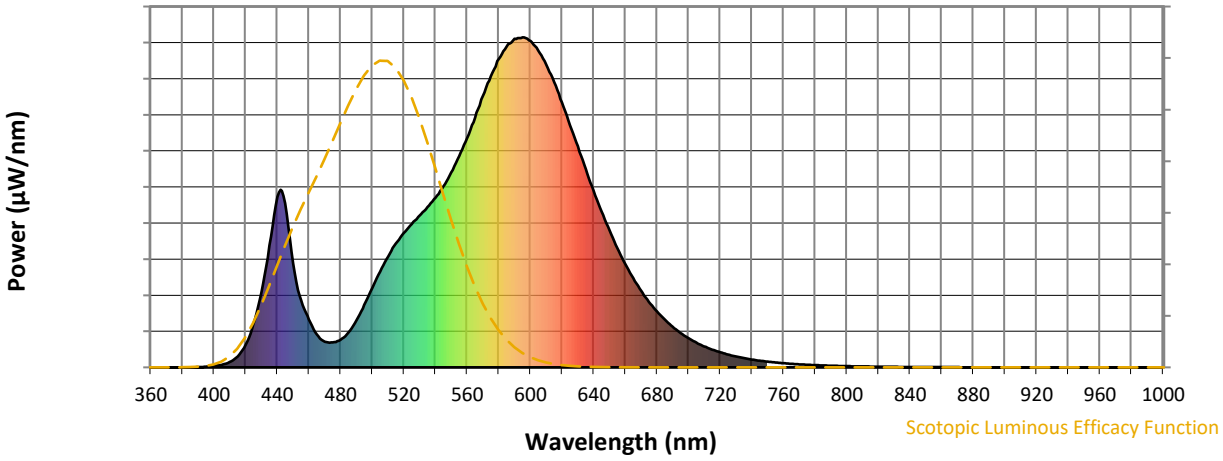


Photopic Lumens: NR

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

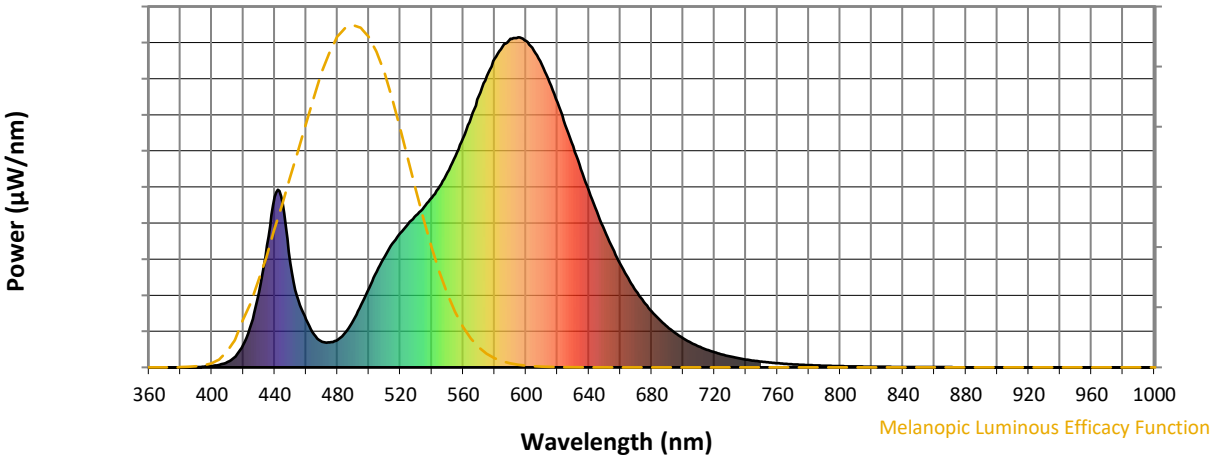


Scotopic Lumens: NR **S/P: 1.19**

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			

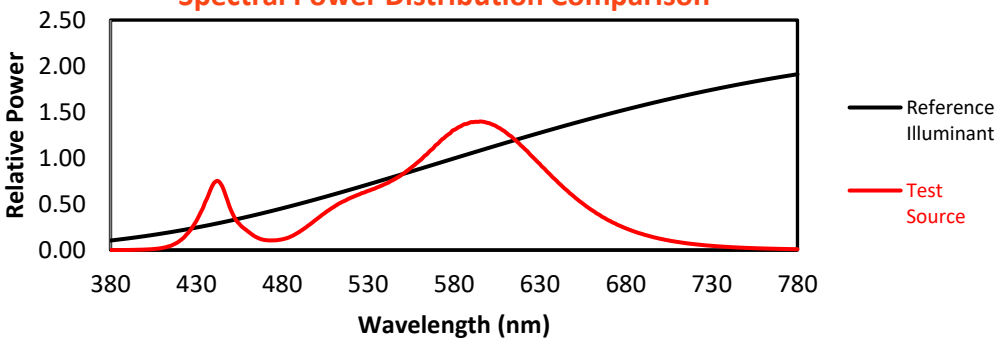
REPORT NUMBER: SP1-2407-184-4

TM-30-18

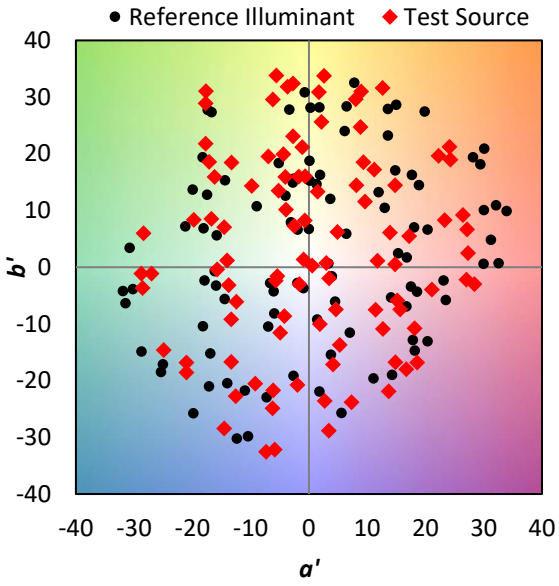
Summary

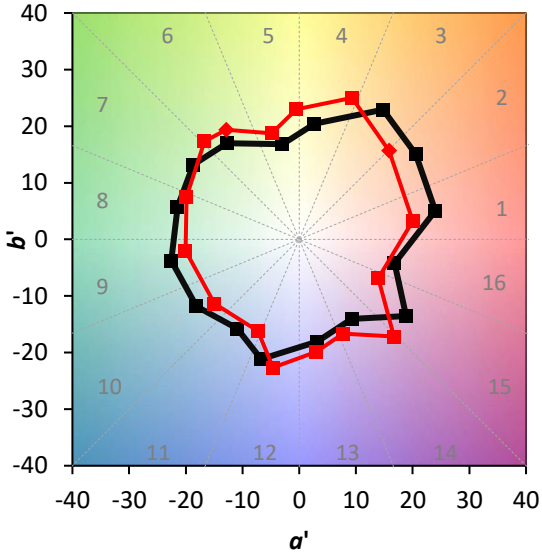
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

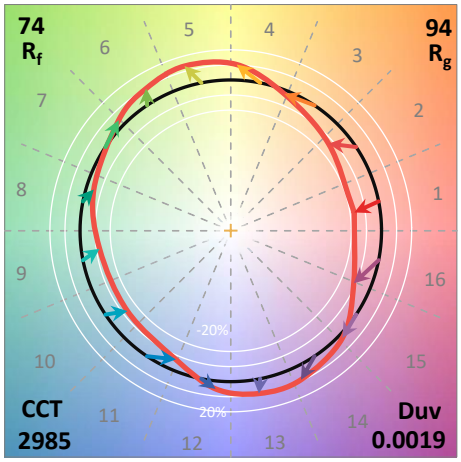
Spectral Power Distribution Comparison

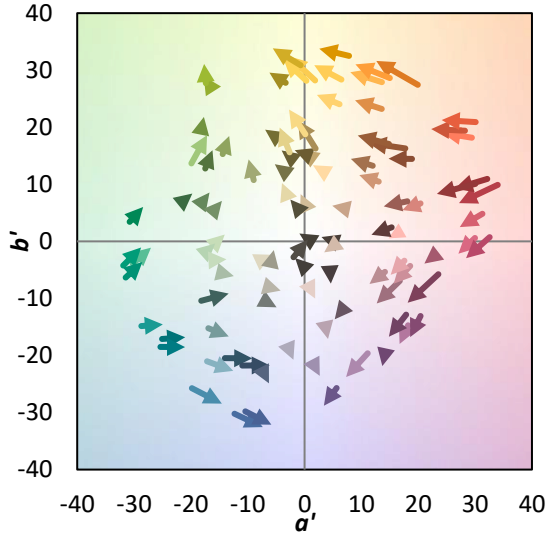


Color Vector Graphics







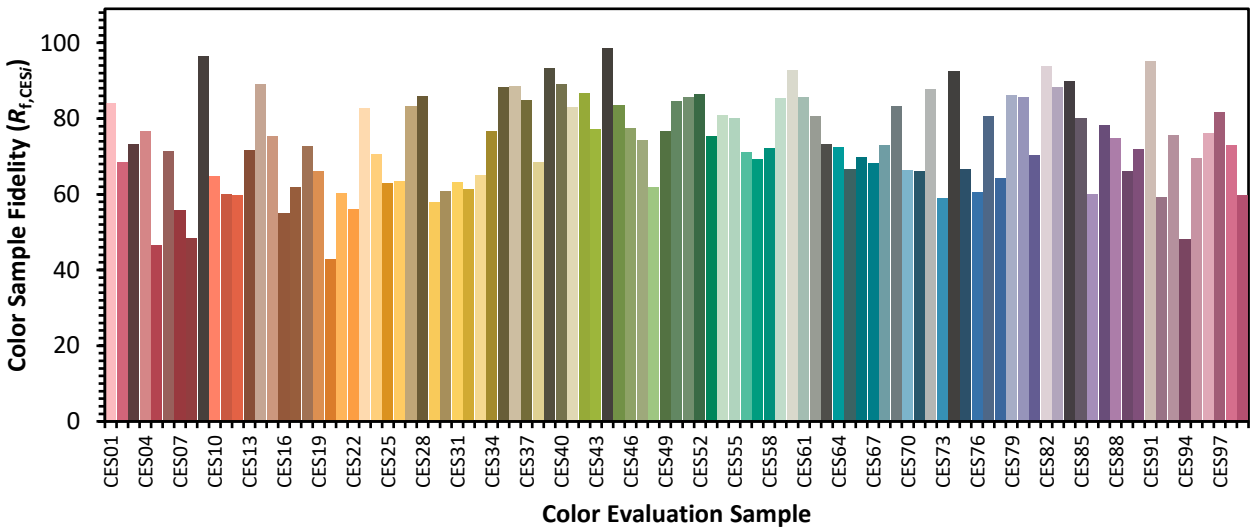


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

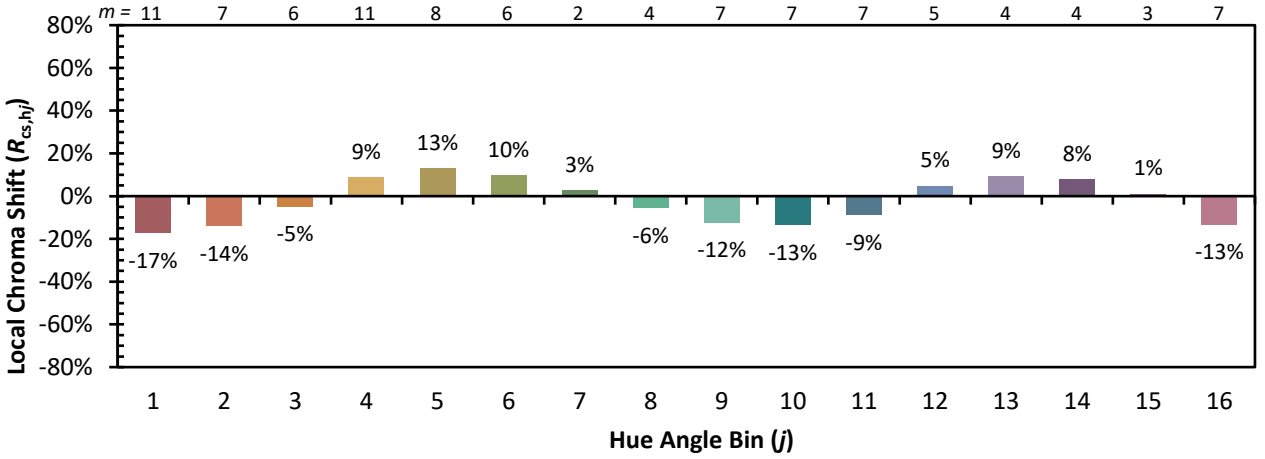
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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	

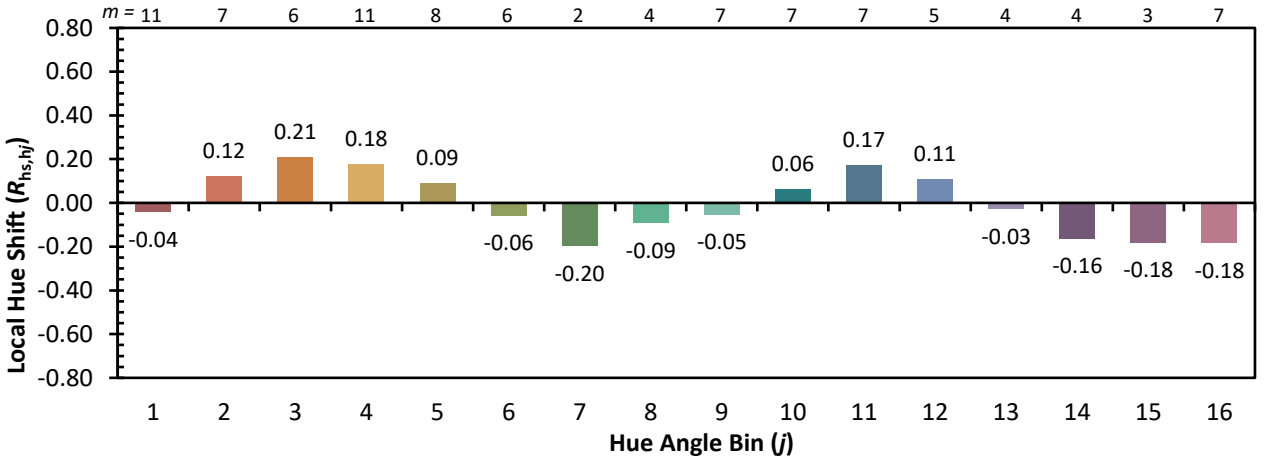


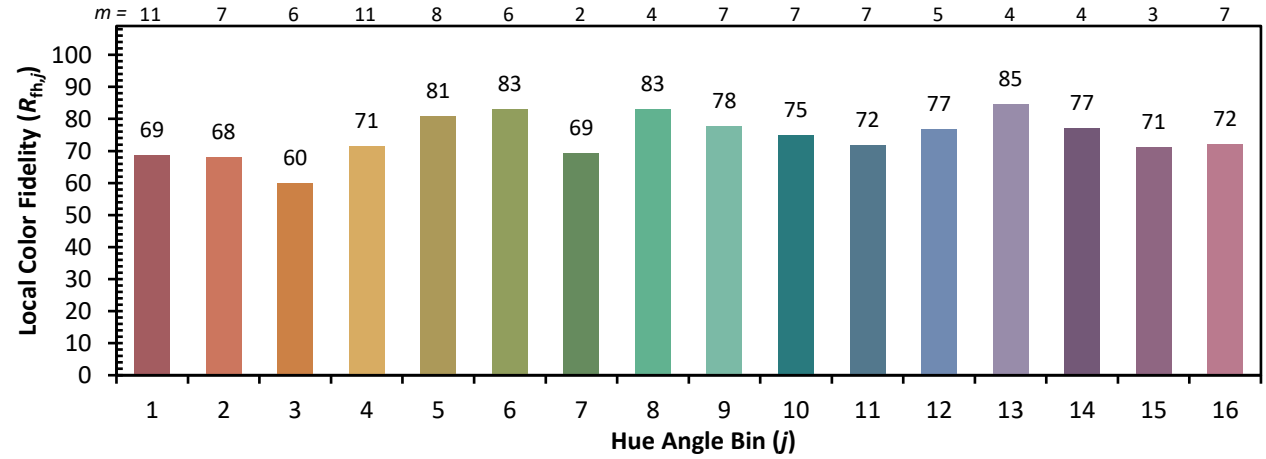
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



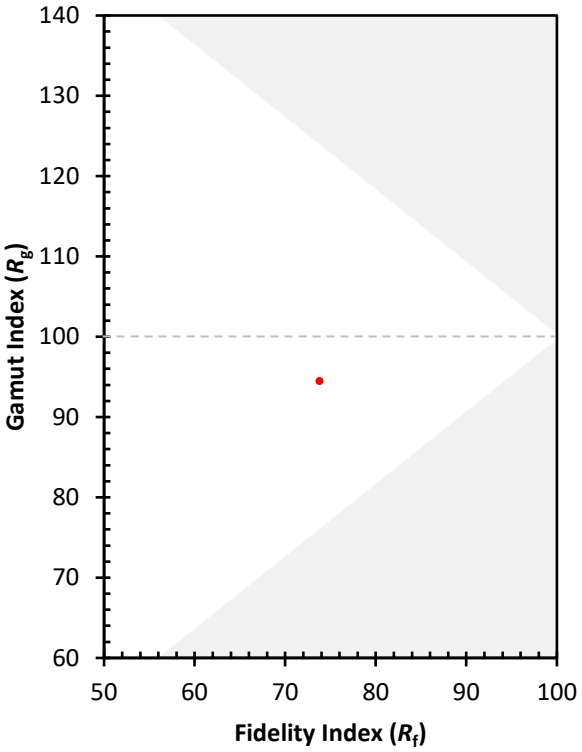


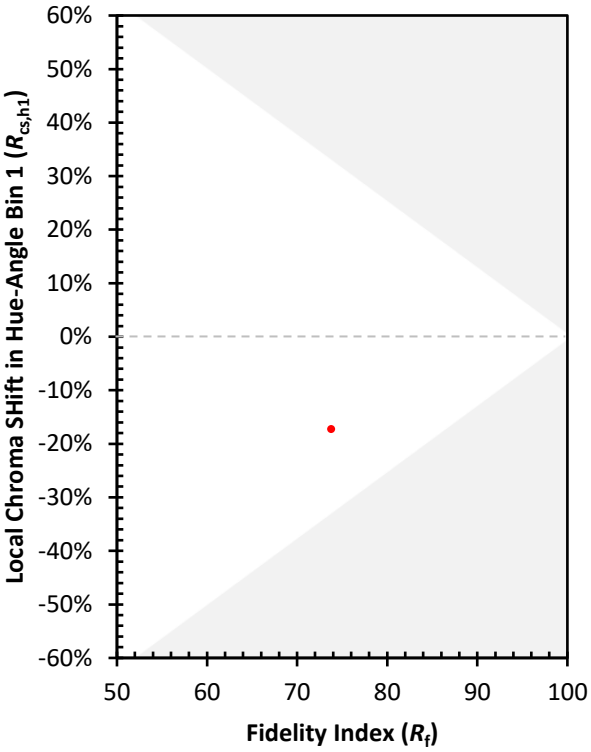


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)