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: P1047126

Luminaire Tested: **GALN-SA2B-730-U-T3BC**

Issue Date: 07/10/2025

Report Generated By 670347003

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:	P1047126
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA2B-730-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(28) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9324.4 lumens
Efficiency:	N/A
Efficacy:	128.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G2

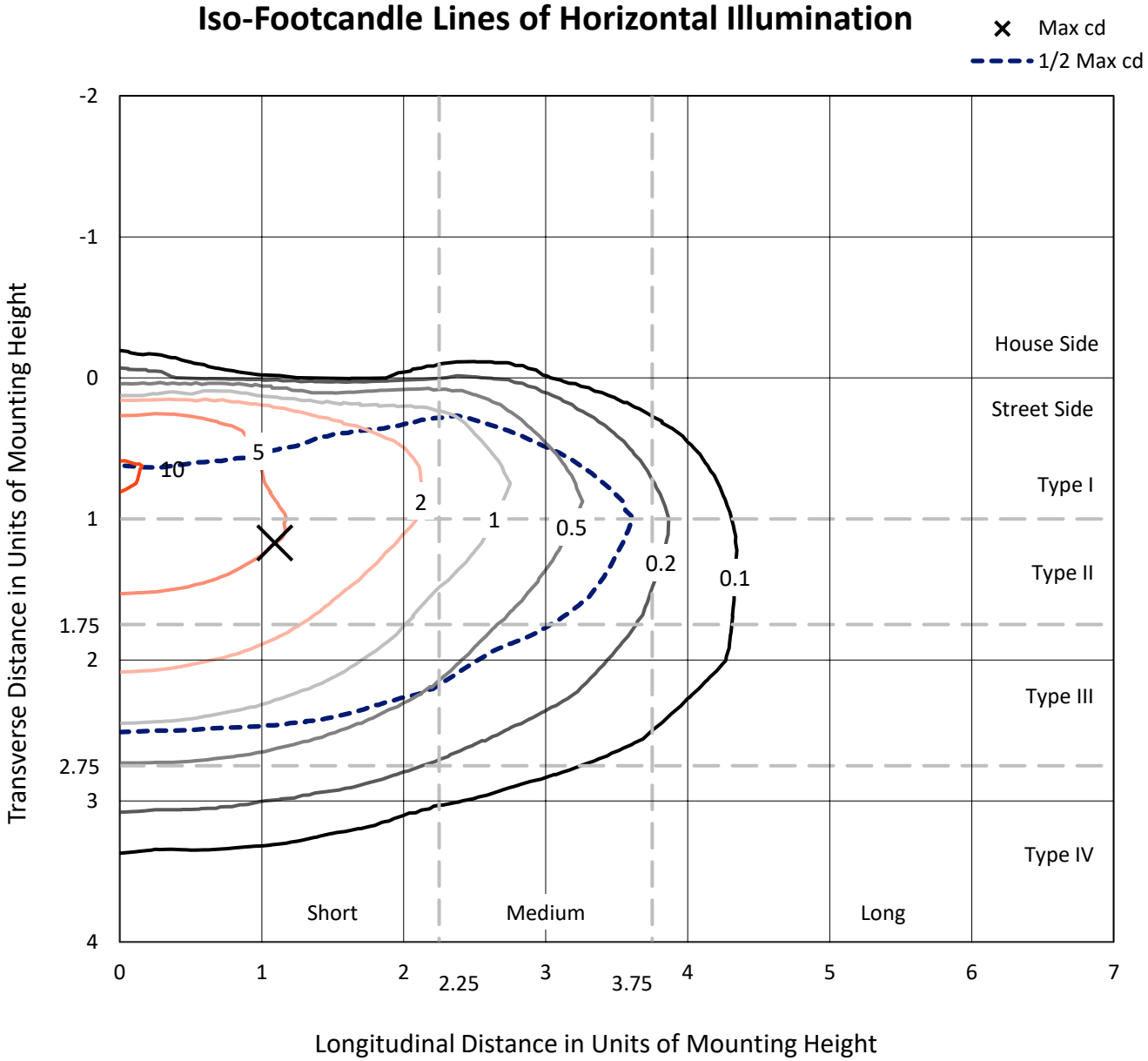
Input Watts (W):	72.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1047126
CATALOG NUMBER: GALN-SA2B-730-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



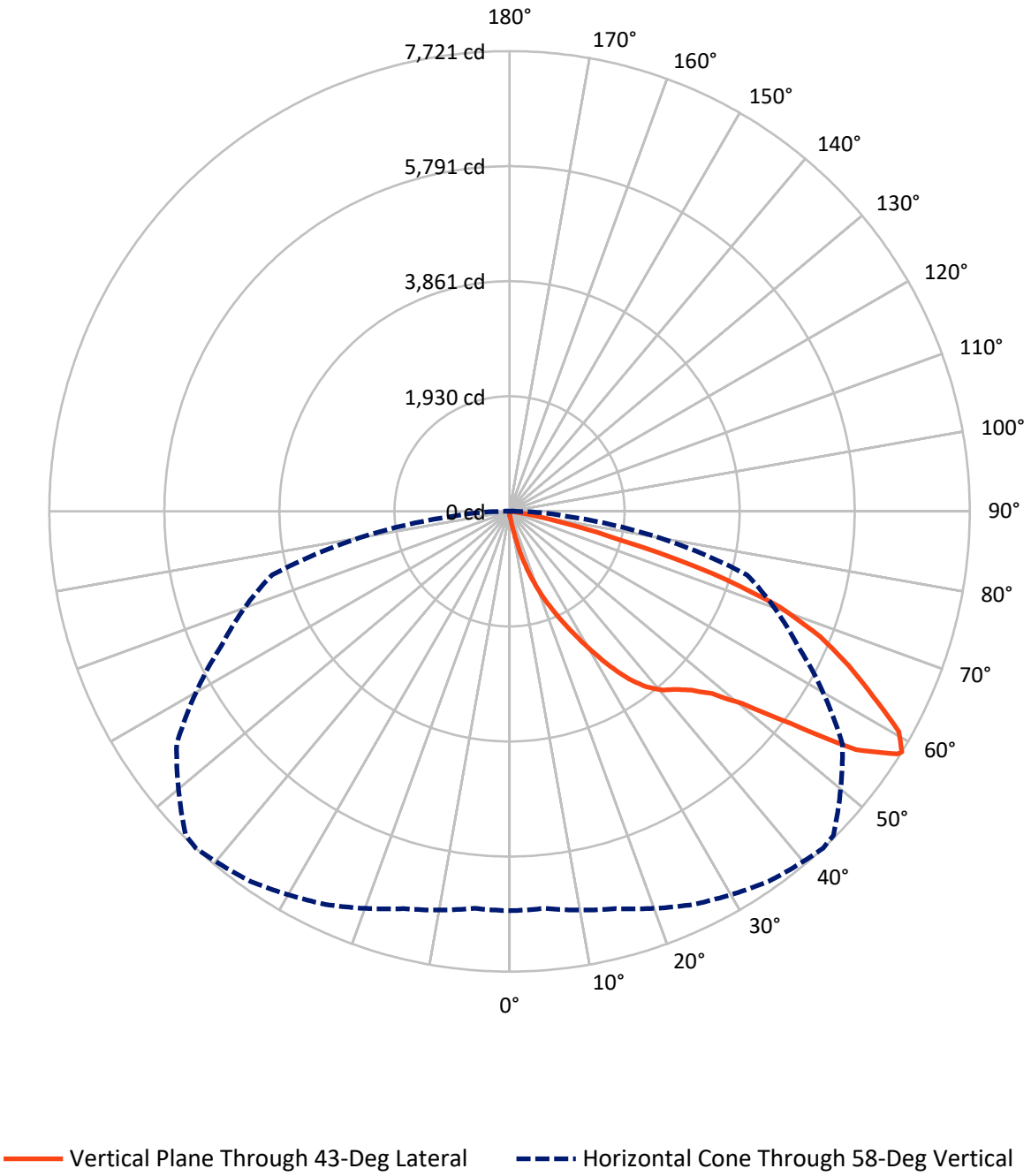
Based on 15 foot mounting height. Maximum calculated value = 10.5 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1047126
CATALOG NUMBER: GALN-SA2B-730-U-T3BC

Luminous Intensity Polar Plot



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

Scaled Data Report

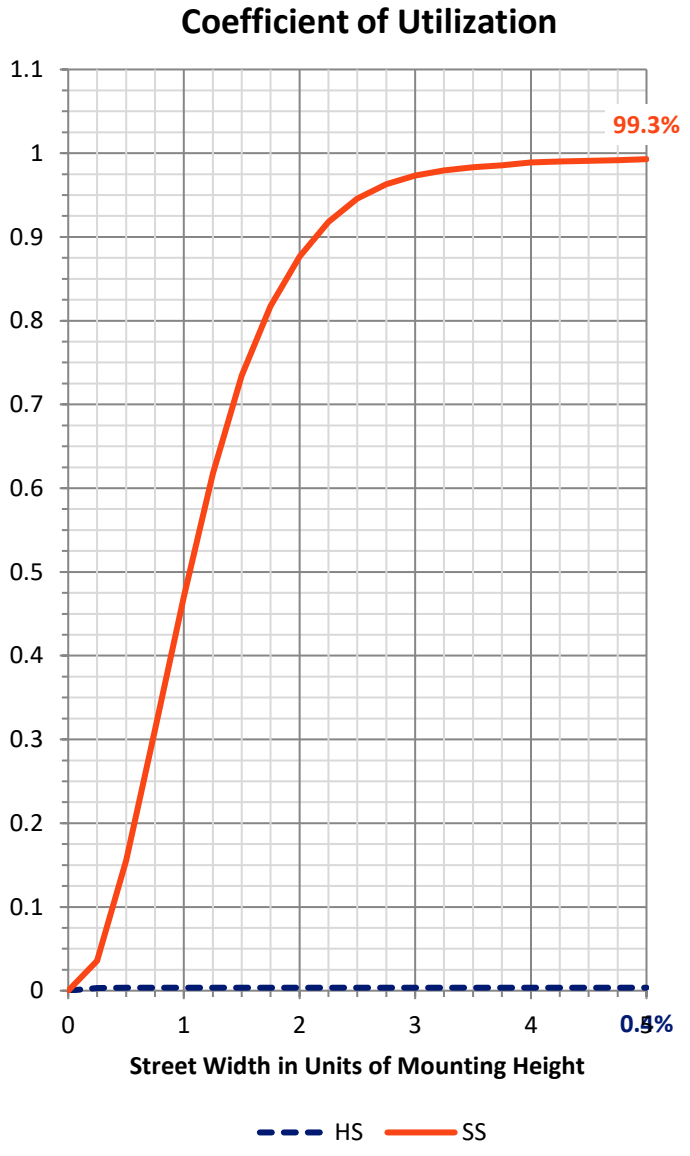
REPORT NUMBER: P1047126
CATALOG NUMBER: GALN-SA2B-730-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	34.0	0.0	34.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9290.4	0.0	9290.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	9324.4	0.0	9324.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.9	0.1
10°-20°	107.2	1.1
20°-30°	386.3	4.1
30°-40°	883.9	9.5
40°-50°	1490.8	16.0
50°-60°	2460.2	26.4
60°-70°	2749.6	29.5
70°-80°	1135.2	12.2
80°-90°	102.3	1.1
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°	9324.4	100.0
0°-180°	9324.4	100.0



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

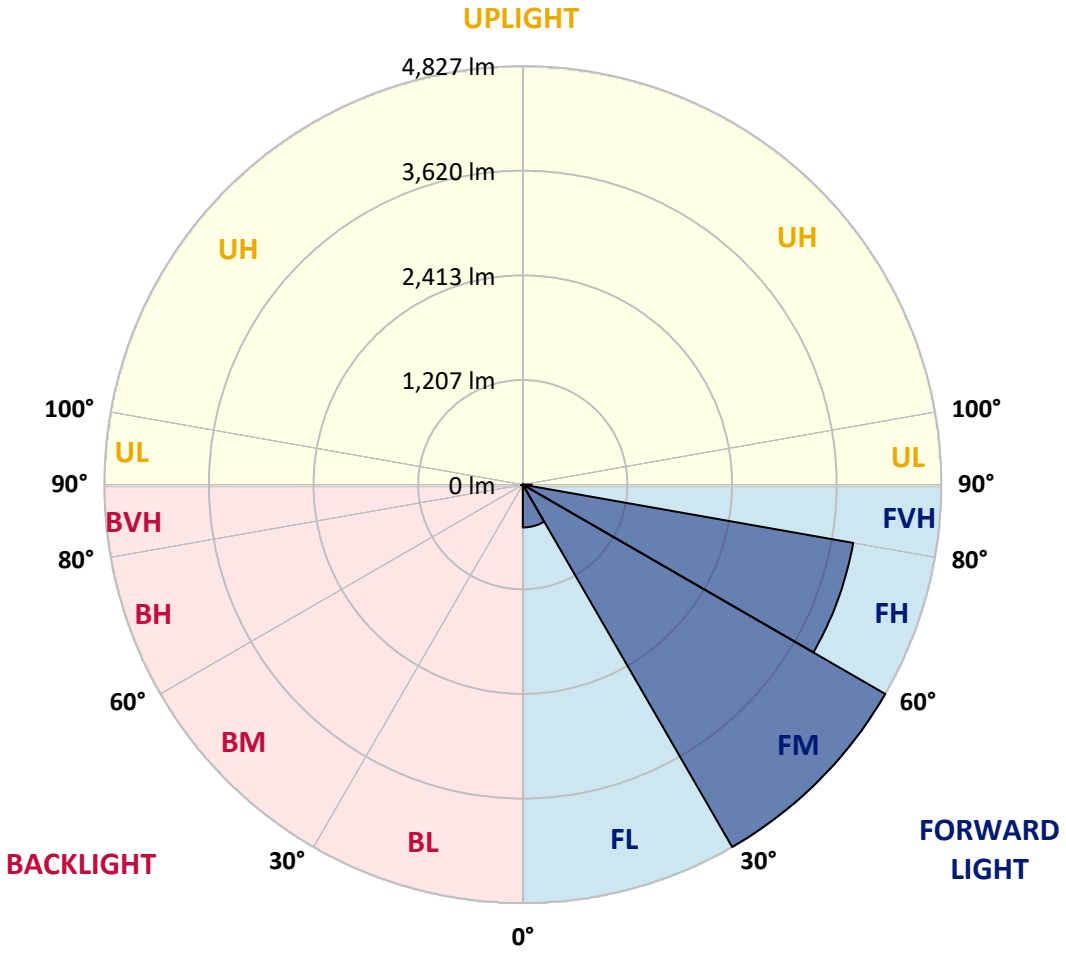
Scaled Data Report

REPORT NUMBER: P1047126
CATALOG NUMBER: GALN-SA2B-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	493.6	5.3			
FM	(30°-60°)	4826.7	51.8			
FH	(60°-80°)	3869.2	41.5			G2/5000
FVH	(80°-90°)	100.9	1.1			G2/225
BL	(0°-30°)	8.9	0.1	B0/110		
BM	(30°-60°)	8.2	0.1	B0/220		
BH	(60°-80°)	15.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2
Type III Short



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

Scaled Data Report

REPORT NUMBER: P1047126
CATALOG NUMBER: GALN-SA2B-730-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	61.0	61.0	61.0	61.0	61.0	*61.0*	61.0	61.0	61.0	61.0	61.0
2.5°	73.2	75.6	73.2	73.2	73.2	*70.7*	70.7	68.3	68.3	65.8	63.4
5°	107.3	107.3	100.0	95.1	90.2	*87.8*	85.4	80.5	75.6	70.7	65.8
7.5°	239.0	239.0	217.0	187.8	148.8	*126.8*	121.9	100.0	85.4	75.6	65.8
10°	570.7	570.7	521.9	441.4	341.4	*253.6*	226.8	143.9	102.4	80.5	68.3
12.5°	948.7	960.9	899.9	797.5	648.7	*495.1*	441.4	263.4	136.6	87.8	68.3
15°	1287.6	1258.4	1241.3	1143.8	1002.3	*819.4*	751.1	443.8	197.5	100.0	68.3
17.5°	1516.9	1516.9	1492.5	1426.7	1297.4	*1136.4*	1080.4	717.0	319.5	114.6	70.7
20°	1785.1	1785.1	1741.3	1694.9	1580.3	*1443.7*	1390.1	1019.4	495.1	146.3	70.7
22.5°	2109.5	2114.4	2065.6	1982.7	1872.9	*1721.7*	1675.4	1299.8	717.0	195.1	73.2
25°	2504.6	2509.4	2438.7	2360.7	2192.4	*2029.0*	1958.3	1621.8	987.7	273.1	73.2
27.5°	2941.1	2975.2	2870.4	2736.3	2558.2	*2353.4*	2299.7	1912.0	1255.9	385.3	78.0
30°	3484.9	3484.9	3345.9	3158.2	2965.5	*2711.9*	2643.6	2216.8	1541.3	534.1	82.9
32.5°	3953.2	3916.6	3738.6	3541.0	3336.2	*3099.6*	3026.5	2536.3	1833.9	719.4	92.7
35°	4311.7	4280.0	4060.5	3848.3	3670.3	*3453.2*	3365.4	2882.6	2143.6	929.2	107.3
37.5°	4618.9	4606.8	4309.2	4043.4	3926.3	*3736.1*	3658.1	3209.4	2448.5	1156.0	124.4
40°	4955.5	4916.5	4599.4	4270.2	4094.6	*3941.0*	3870.3	3472.7	2741.1	1421.8	148.8
42.5°	5243.3	5196.9	4911.6	4589.7	4289.7	*4082.4*	4014.1	3694.7	3026.5	1687.6	180.5
45°	5562.7	5538.3	5250.6	5006.7	4606.8	*4275.1*	4184.9	3872.7	3287.4	2004.6	221.9
47.5°	6043.2	5999.3	5731.0	5531.0	5067.7	*4567.7*	4438.5	4055.6	3538.6	2316.8	285.3
50°	6601.6	6572.4	6413.8	6255.3	5794.4	*5067.7*	4914.0	4319.0	3819.0	2687.5	368.2
52.5°	7057.7	7052.8	7072.3	7074.7	6726.0	*5909.0*	5679.8	4743.3	4141.0	3053.3	485.3
55°	7047.9	7069.9	7284.5	7530.8	7557.6	*7057.7*	6835.7	5457.9	4560.4	3504.4	648.7
57.5°	6784.5	6767.5	6994.3	7365.0	7625.9	*7679.5*	7643.0	6567.5	5192.0	4048.3	899.9
58°	*6699.2*	*6684.5*	*6899.2*	*7277.2*	*7577.1*	*7721.0*	*7684.4*	*6818.7*	*5333.5*	*4126.3*	*968.2*
60°	6389.5	6391.9	6518.7	6862.6	7162.5	*7504.0*	7538.1	7535.7	6038.3	4648.2	1312.0
62.5°	5979.8	5960.2	6077.3	6357.8	6621.1	*6850.4*	6908.9	7584.4	7069.9	5311.5	1968.1
65°	5414.0	5384.7	5509.1	5826.1	6109.0	*6257.8*	6260.2	6930.9	7555.2	6023.7	2904.5
67.5°	4362.9	4338.5	4587.2	4994.5	5431.0	*5626.1*	5713.9	6013.9	7145.5	6506.5	3441.0
70°	2672.8	2724.1	3070.4	3709.3	4455.6	*4814.0*	4945.7	5038.4	6084.6	6433.4	2877.7
72.5°	1234.0	1173.0	1468.1	1914.4	2765.5	*3563.0*	3699.5	4062.9	4823.8	5584.7	2146.1
75°	575.5	553.6	621.9	836.5	1253.5	*1924.2*	2172.9	3243.5	3699.5	3884.9	1548.6
77.5°	295.1	297.5	353.6	380.4	517.0	*890.1*	1021.8	2133.9	2711.9	2168.0	1038.9
80°	129.3	134.1	136.6	148.8	209.7	*343.9*	387.8	990.1	1853.4	1104.7	568.2
82.5°	82.9	85.4	85.4	85.4	100.0	*136.6*	156.1	397.5	924.3	548.7	175.6
85°	43.9	43.9	48.8	61.0	70.7	*82.9*	87.8	126.8	304.8	163.4	41.5
87.5°	24.4	26.8	29.3	36.6	46.3	*56.1*	61.0	87.8	117.1	112.2	9.8
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: P1047126
CATALOG NUMBER: GALN-SA2B-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
2.5°	63.4	61.0	58.5	56.1	53.7	51.2	51.2	51.2	51.2	51.2	51.2
5°	61.0	58.5	56.1	51.2	46.3	43.9	41.5	39.0	39.0	39.0	39.0
7.5°	61.0	58.5	51.2	46.3	41.5	36.6	31.7	31.7	31.7	31.7	31.7
10°	61.0	56.1	48.8	41.5	34.1	29.3	26.8	24.4	24.4	24.4	24.4
12.5°	61.0	53.7	46.3	36.6	29.3	24.4	21.9	19.5	19.5	19.5	19.5
15°	61.0	53.7	43.9	34.1	26.8	19.5	17.1	14.6	14.6	14.6	14.6
17.5°	58.5	51.2	41.5	29.3	21.9	14.6	12.2	9.8	9.8	12.2	12.2
20°	56.1	48.8	36.6	24.4	17.1	12.2	7.3	7.3	7.3	7.3	7.3
22.5°	56.1	48.8	34.1	21.9	14.6	7.3	4.9	4.9	4.9	4.9	7.3
25°	56.1	46.3	29.3	17.1	9.8	4.9	2.4	2.4	2.4	2.4	2.4
27.5°	56.1	46.3	26.8	14.6	7.3	4.9	2.4	0.0	0.0	0.0	0.0
30°	53.7	43.9	24.4	12.2	4.9	2.4	0.0	0.0	0.0	0.0	0.0
32.5°	53.7	41.5	19.5	9.8	4.9	2.4	0.0	0.0	0.0	0.0	0.0
35°	56.1	39.0	17.1	7.3	2.4	0.0	0.0	0.0	0.0	0.0	2.4
37.5°	58.5	36.6	14.6	4.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	61.0	34.1	14.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	65.8	34.1	12.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	70.7	34.1	9.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	80.5	36.6	9.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	87.8	39.0	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	97.5	36.6	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	109.7	36.6	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	119.5	34.1	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*124.4*	*31.7*	*4.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	148.8	29.3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	231.7	24.4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	470.7	21.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	877.9	19.5	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	982.8	21.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	619.4	17.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	326.8	17.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	163.4	17.1	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	75.6	12.2	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	31.7	7.3	4.9	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.6	7.3	4.9	4.9	2.4	2.4	0.0	0.0	0.0	0.0	0.0
87.5°	7.3	7.3	7.3	4.9	4.9	2.4	2.4	0.0	0.0	0.0	0.0
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

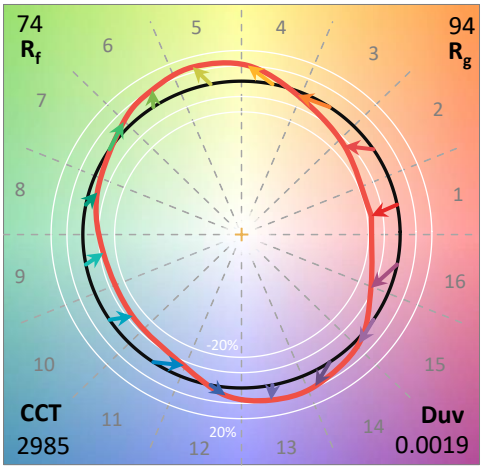
Test Information

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

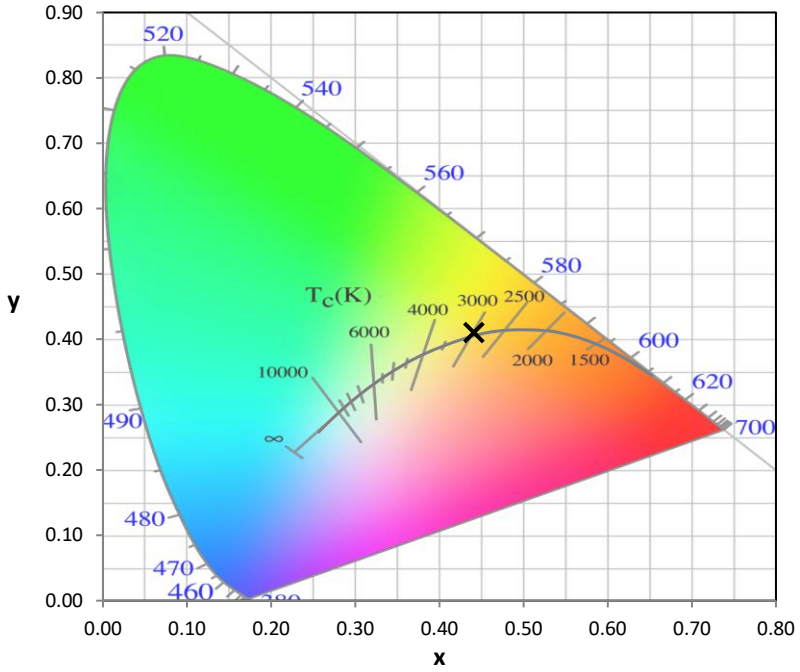
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

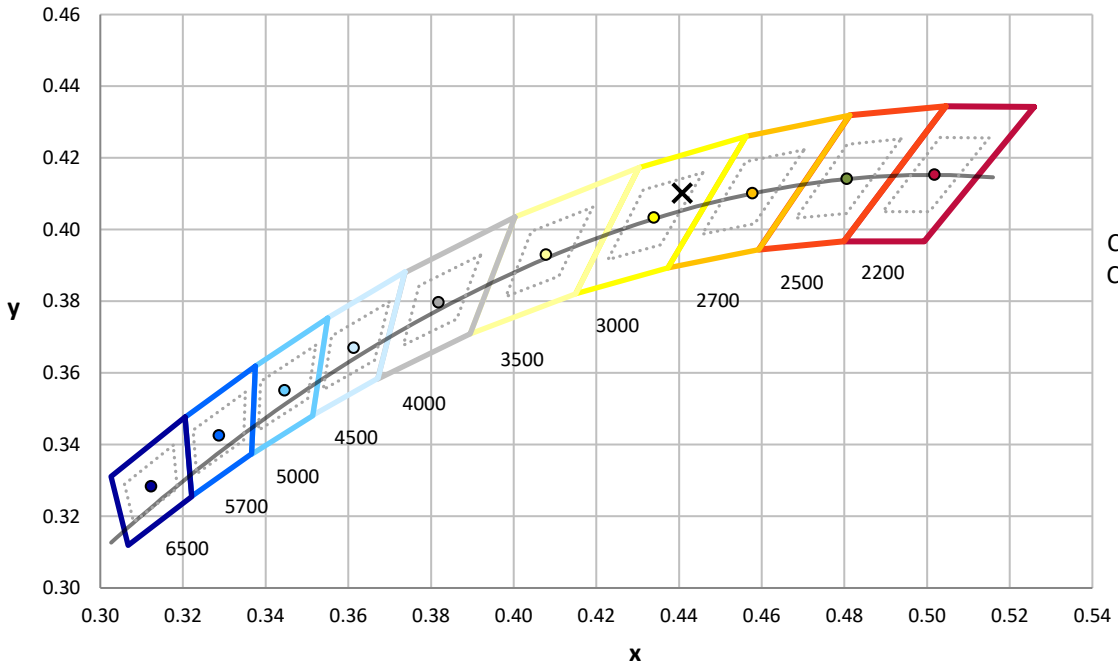
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

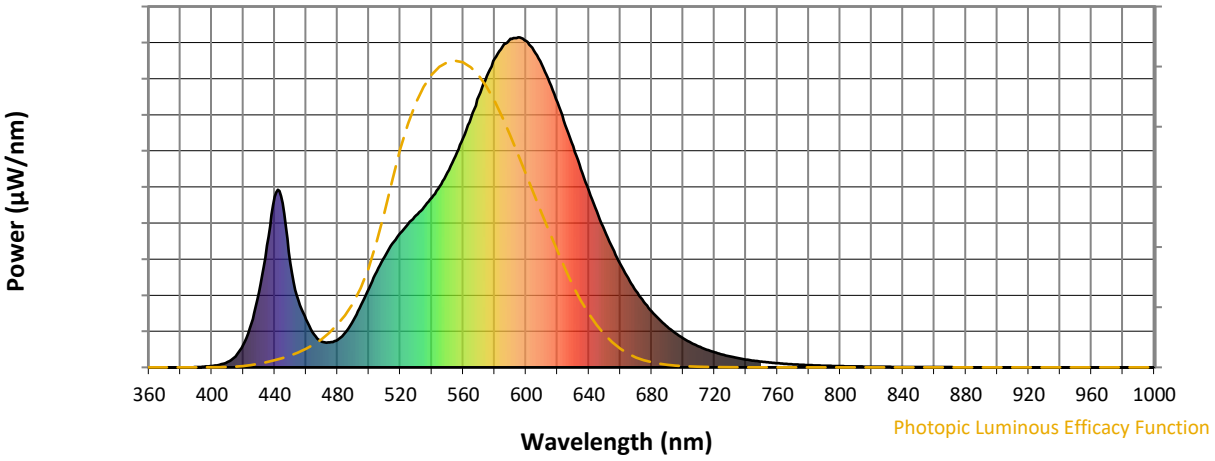


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

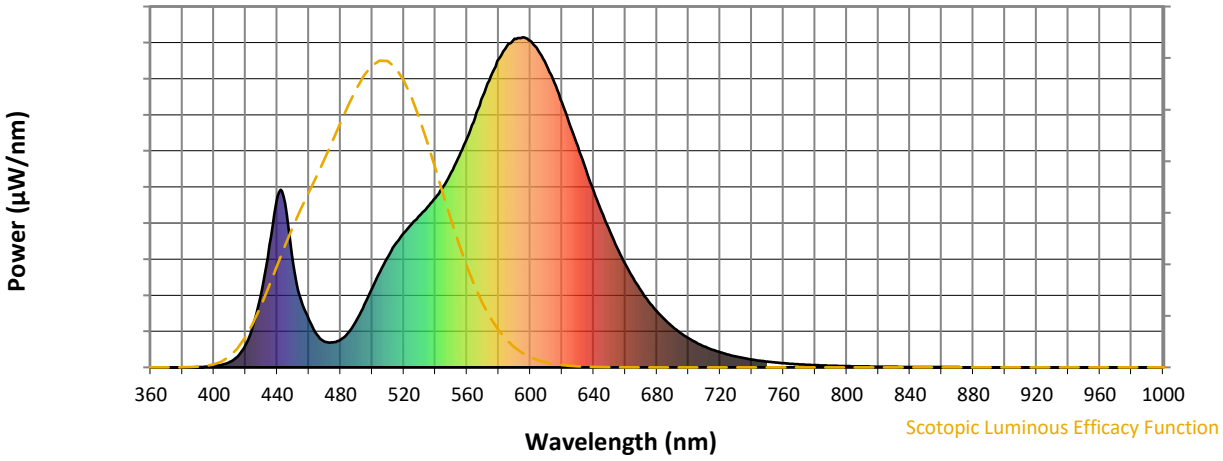


Photopic Lumens: NR

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

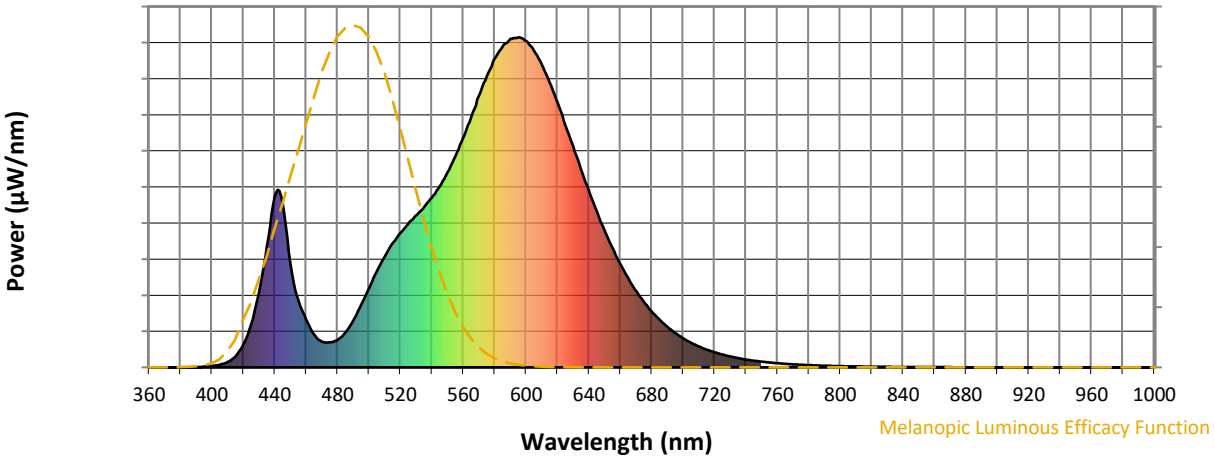


Scotopic Lumens: NR **S/P: 1.19**

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			

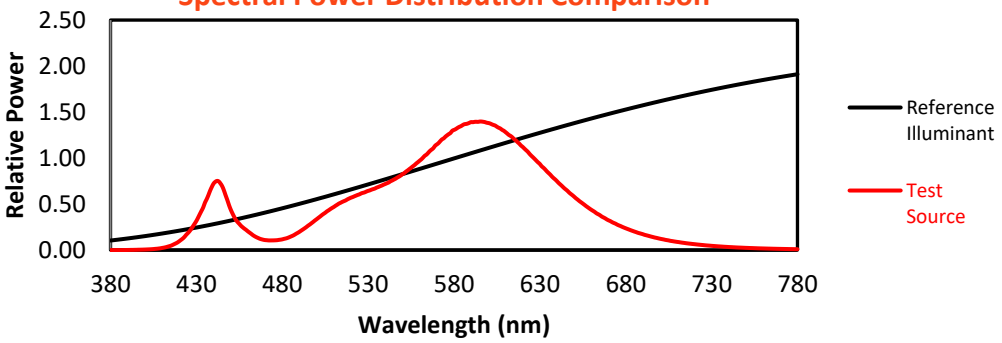
REPORT NUMBER: SP1-2407-184-4

TM-30-18

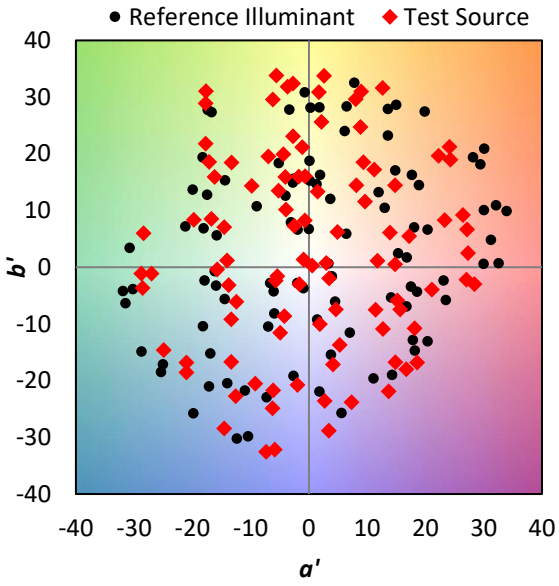
Summary

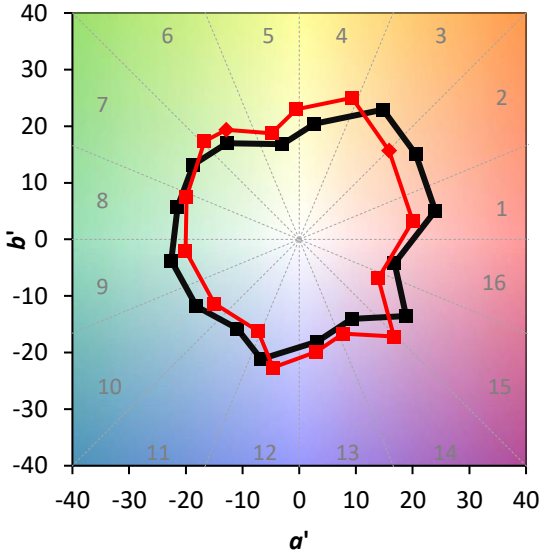
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

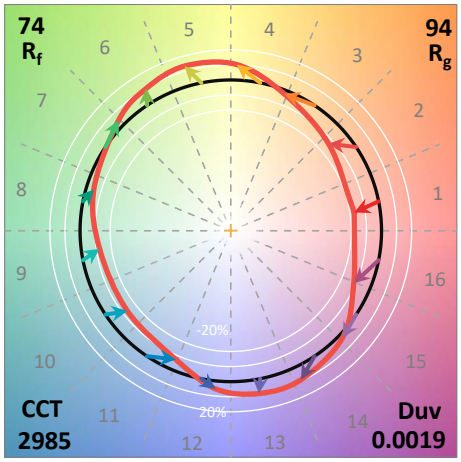
Spectral Power Distribution Comparison

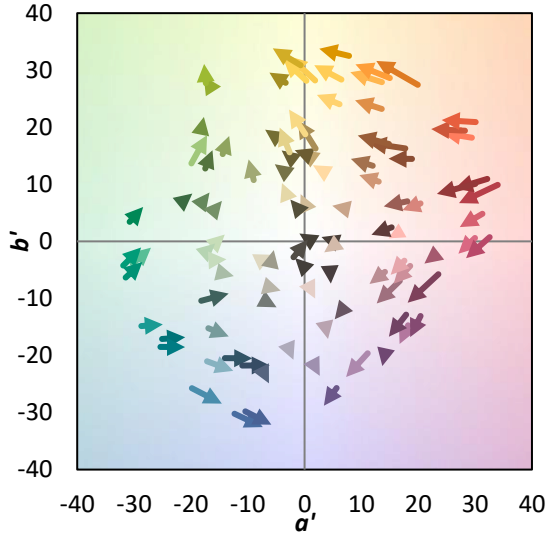


Color Vector Graphics







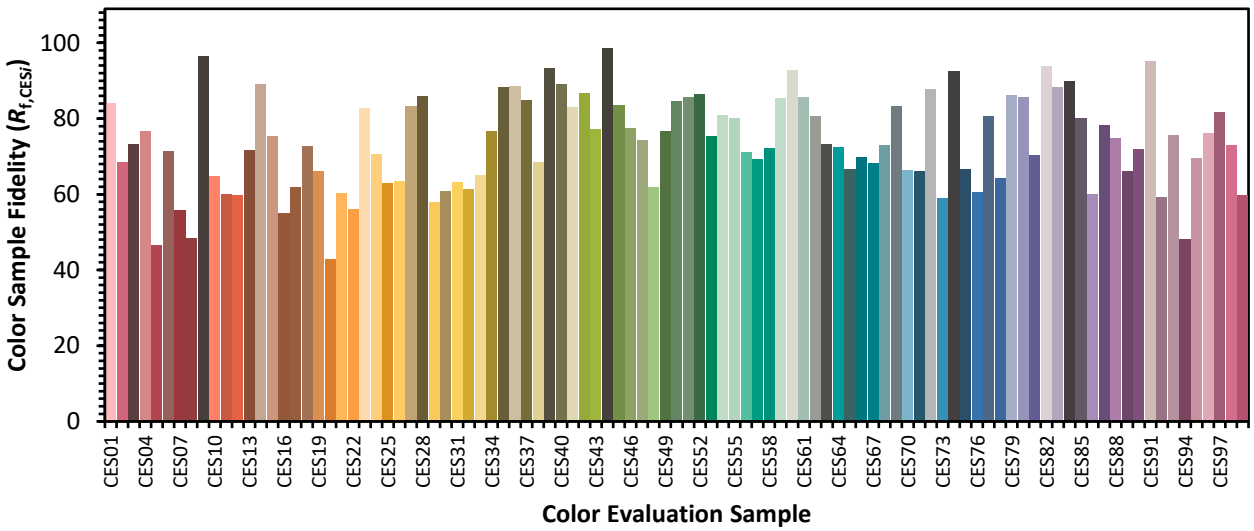


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

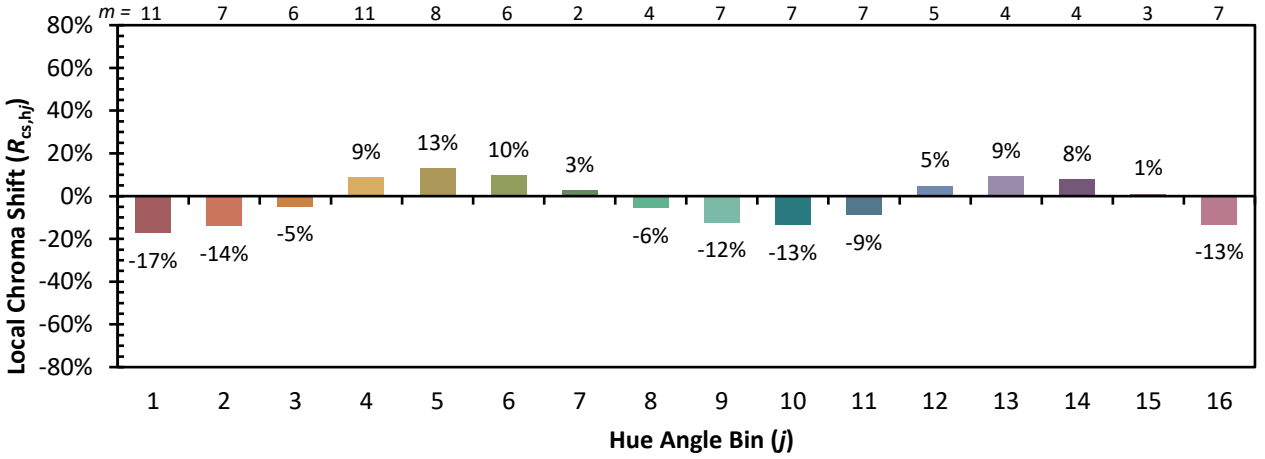
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

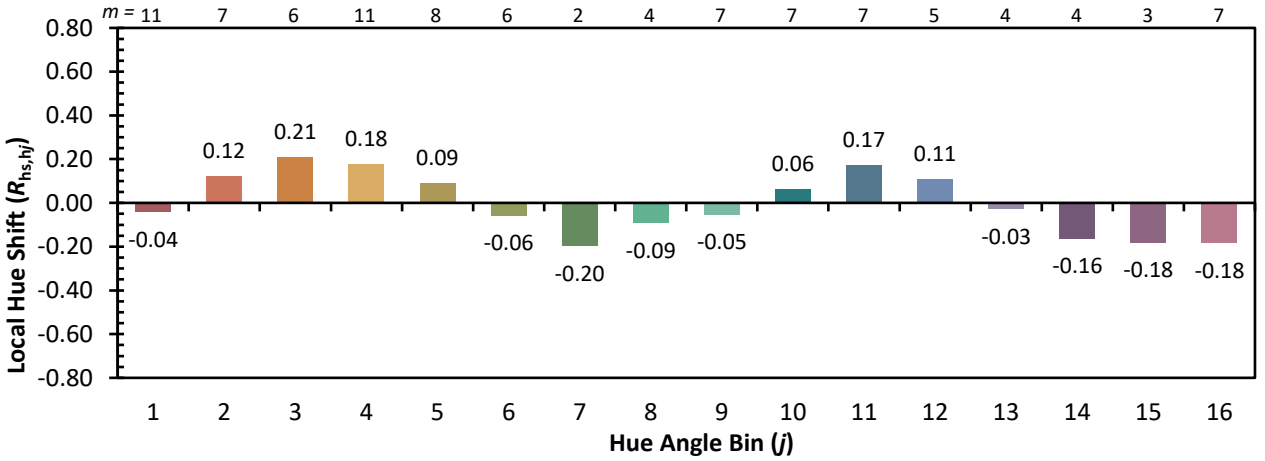


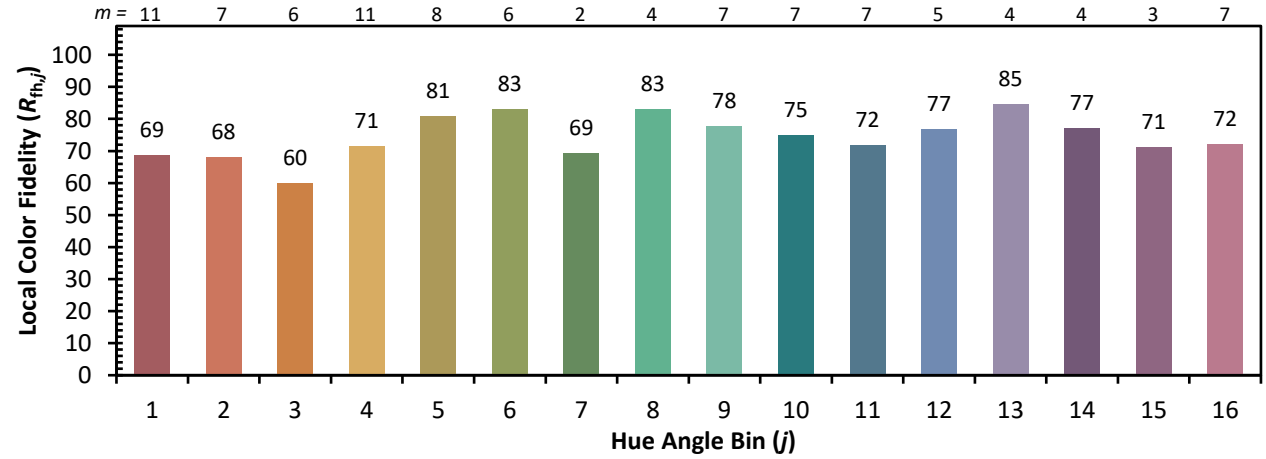
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



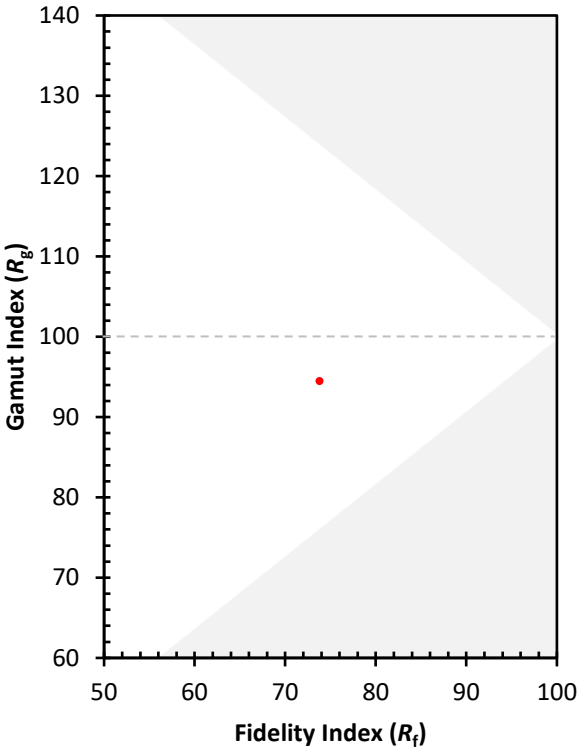


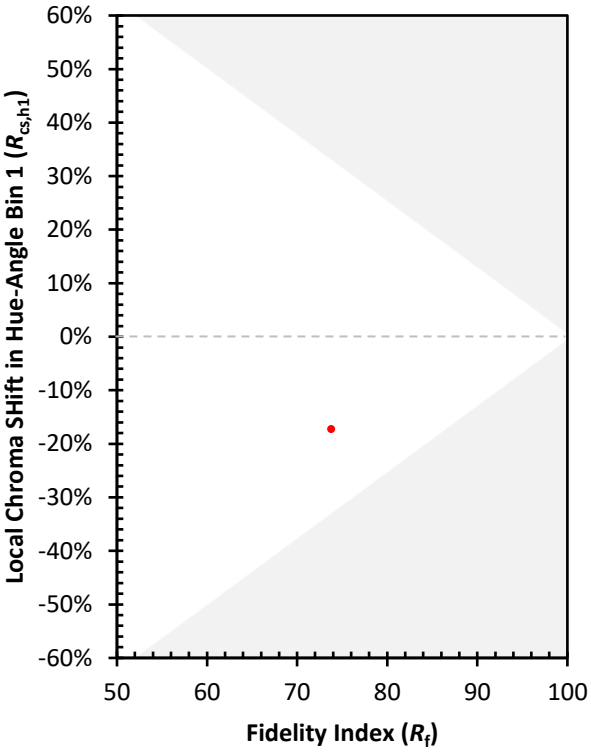


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)