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: P1366502

Luminaire Tested: **GSS-SB2D-730-U-T3R**

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:	P1366502
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-730-U-T3R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 70CRI 3000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC
Light Source:	(52) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18892.1 lumens
Efficiency:	N/A
Efficacy:	128.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

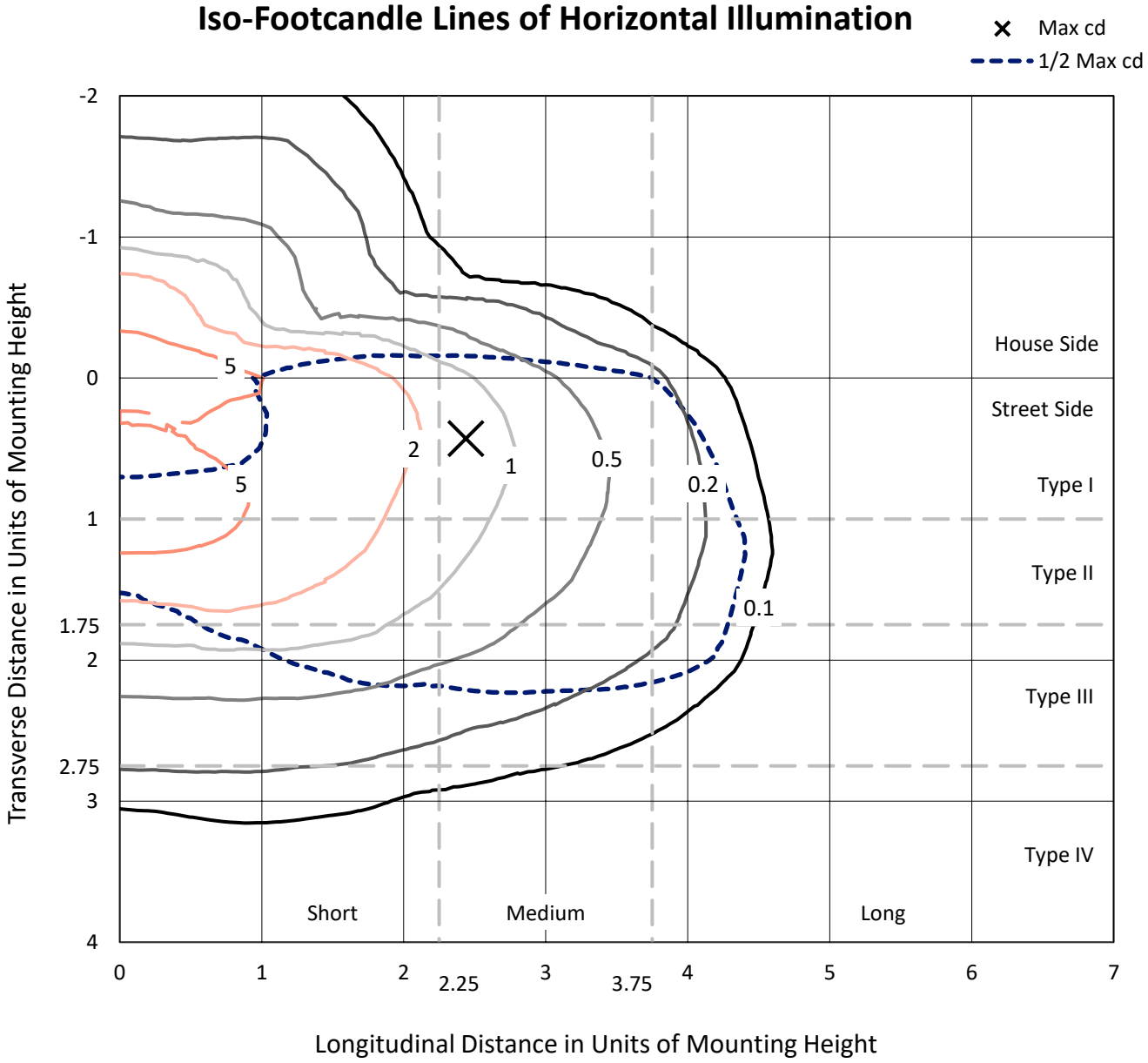
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366502
CATALOG NUMBER: GSS-SB2D-730-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



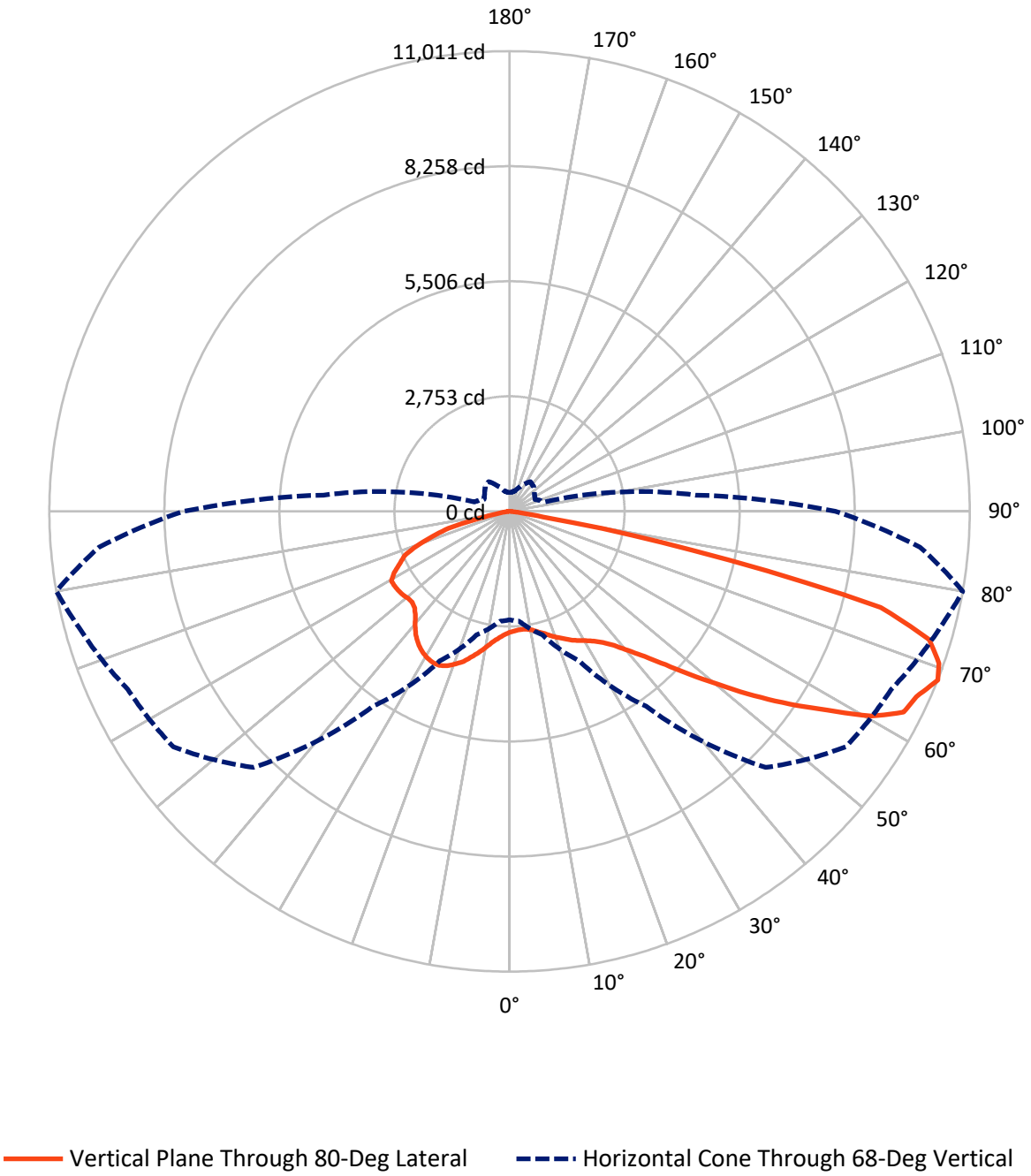
Based on 20 foot mounting height. Maximum calculated value = 8.2 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366502
CATALOG NUMBER: GSS-SB2D-730-U-T3R

Luminous Intensity Polar Plot



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

Scaled Data Report

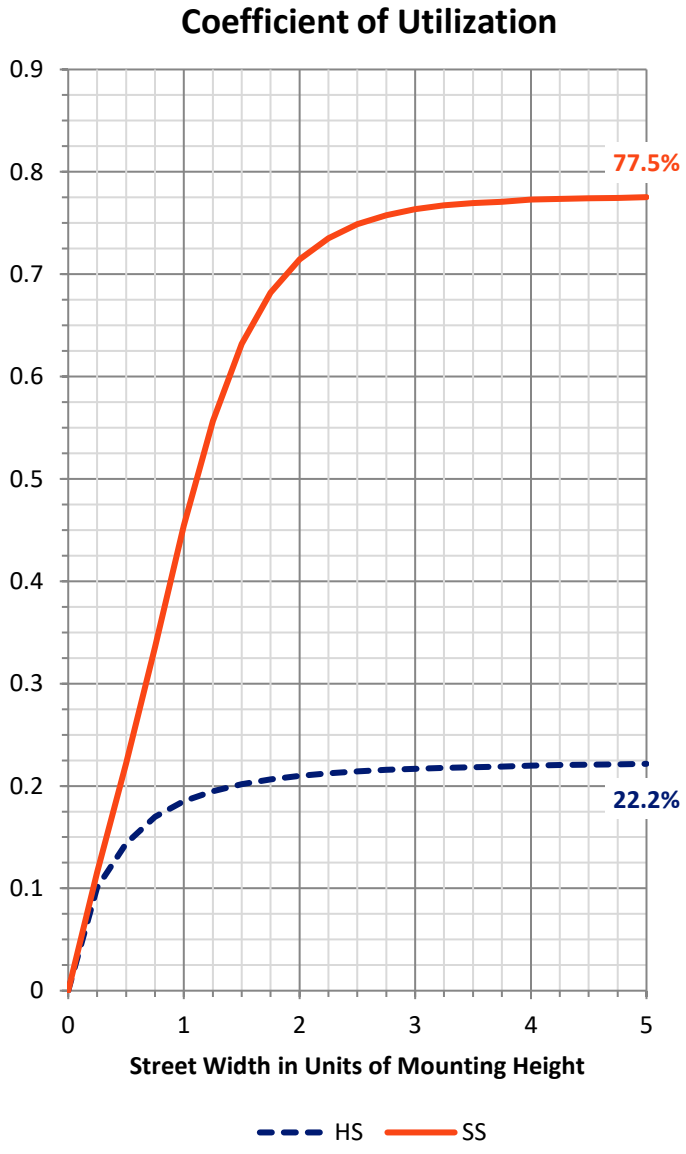
REPORT NUMBER: P1366502
CATALOG NUMBER: GSS-SB2D-730-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4221.6	0.0	4221.6
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	14670.5	0.0	14670.5
	% Fixture	77.7	0.0	77.7
Total	Lumens	18892.1	0.0	18892.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	279.3	1.5
10°-20°	797.6	4.2
20°-30°	1315.1	7.0
30°-40°	2019.0	10.7
40°-50°	3117.5	16.5
50°-60°	4306.0	22.8
60°-70°	4413.2	23.4
70°-80°	2499.5	13.2
80°-90°	144.9	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°	18892.1	100.0
0°-180°	18892.1	100.0



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

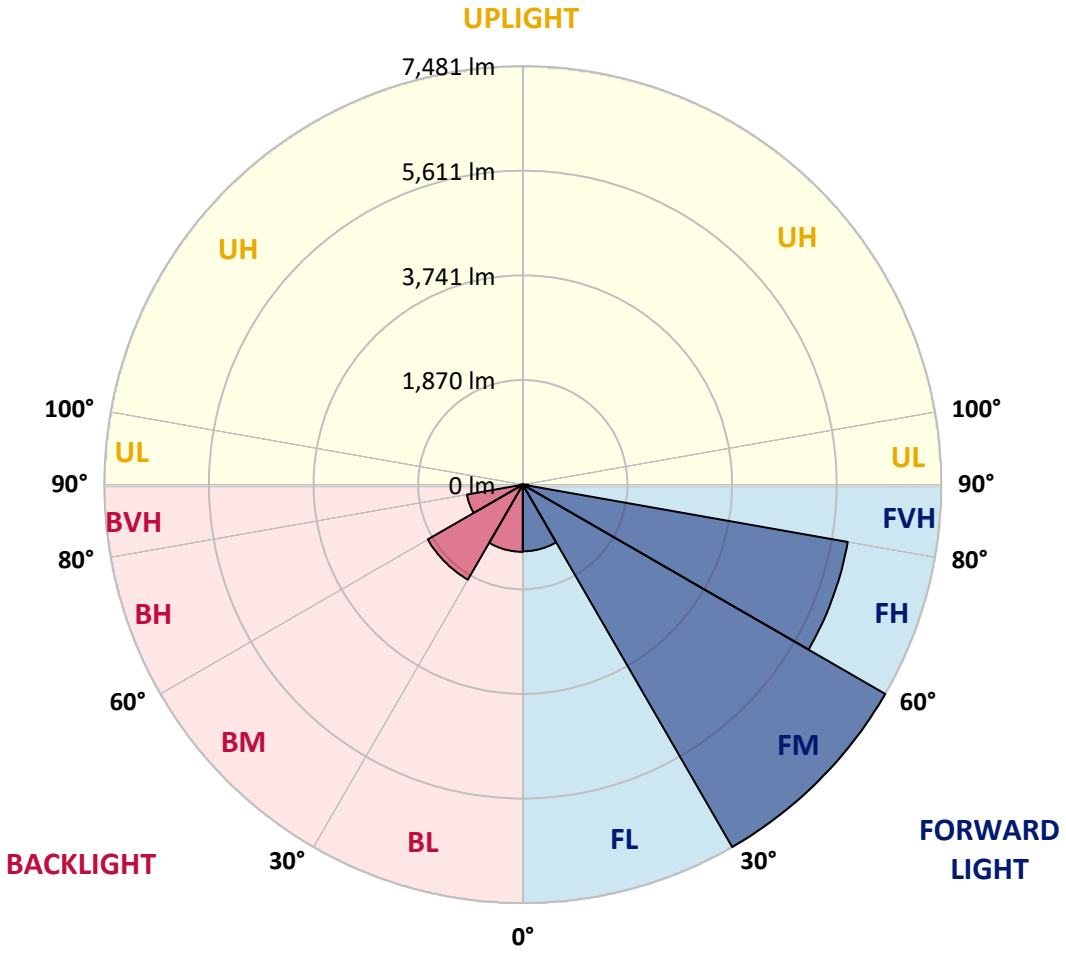
Scaled Data Report

REPORT NUMBER: P1366502
CATALOG NUMBER: GSS-SB2D-730-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1191.1	6.3			
FM	(30°-60°)	7481.4	39.6			
FH	(60°-80°)	5898.1	31.2			G3/7500
FVH	(80°-90°)	99.9	0.5			G1/100
BL	(0°-30°)	1201.0	6.4	B3/2500		
BM	(30°-60°)	1961.1	10.4	B2/2500		
BH	(60°-80°)	1014.6	5.4	B3/2500		G3/2500
BVH	(80°-90°)	45.0	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1366502
CATALOG NUMBER: GSS-SB2D-730-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	*2886.1*	2886.1
2.5°	2683.4	2674.6	2670.2	2679.0	2692.2	2718.7	2749.5	2771.5	2824.4	*2855.3*	2881.7
5°	2542.4	2538.0	2538.0	2560.0	2582.1	2612.9	2657.0	2696.6	2775.9	*2837.6*	2881.7
7.5°	2375.0	2370.6	2370.6	2419.0	2463.1	2533.6	2604.1	2670.2	2767.1	*2846.4*	2916.9
10°	2198.7	2198.7	2207.5	2269.2	2344.1	2445.5	2564.4	2665.8	2789.2	*2881.7*	2978.6
12.5°	2123.8	2119.4	2123.8	2181.1	2256.0	2392.6	2529.2	2683.4	2833.2	*2952.2*	3066.8
15°	2141.4	2132.6	2123.8	2172.3	2229.6	2366.2	2529.2	2718.7	2908.1	*3022.7*	3181.3
17.5°	2234.0	2229.6	2203.1	2216.4	2256.0	2379.4	2551.2	2771.5	2983.0	*3119.6*	3291.5
20°	2414.6	2401.4	2361.8	2339.7	2344.1	2423.4	2590.9	2842.0	3053.5	*3216.6*	3410.4
22.5°	2714.3	2705.4	2639.4	2551.2	2493.9	2516.0	2661.4	2921.4	3150.5	*3304.7*	3547.0
25°	3110.8	3088.8	2987.4	2846.4	2714.3	2665.8	2749.5	3027.1	3243.0	*3410.4*	3674.8
27.5°	3533.8	3538.2	3445.7	3234.2	3005.1	2842.0	2864.1	3132.9	3348.8	*3498.6*	3785.0
30°	4027.3	4005.3	3904.0	3683.6	3348.8	3075.6	2983.0	3234.2	3445.7	*3586.7*	3917.2
32.5°	4679.5	4683.9	4503.2	4163.9	3745.3	3362.0	3137.3	3339.9	3555.9	*3701.3*	4080.2
35°	5468.2	5450.5	5234.6	4824.9	4256.5	3692.5	3335.5	3476.5	3688.0	*3851.1*	4269.7
37.5°	6173.2	6124.7	5996.9	5604.8	4899.8	4141.9	3604.3	3657.2	3895.1	*4067.0*	4551.7
40°	6803.3	6781.2	6759.2	6459.6	5635.6	4701.5	3956.8	3934.8	4150.7	*4375.4*	4899.8
42.5°	7323.2	7318.8	7327.6	7261.5	6534.5	5402.1	4450.3	4296.1	4512.0	*4741.1*	5309.5
45°	7702.2	7693.3	7785.9	7922.5	7411.3	6239.3	5032.0	4745.5	4970.3	*5230.2*	5829.5
47.5°	8107.5	8111.9	8239.7	8468.8	8266.2	7072.1	5692.9	5305.1	5507.8	*5838.3*	6450.8
50°	8266.2	8266.2	8570.2	8896.2	8953.5	7957.7	6481.6	5970.5	6177.6	*6530.1*	7076.5
52.5°	7922.5	7988.6	8521.7	9134.2	9403.0	8777.3	7314.4	6693.1	6869.4	*7323.2*	7697.7
55°	6001.3	6234.9	8151.6	9019.6	9570.4	9420.6	8142.8	7495.1	7688.9	*8138.4*	8336.7
57.5°	5181.8	5243.5	6393.5	8618.7	9358.9	9768.7	8909.5	8349.9	8526.1	*8966.7*	9002.0
60°	4556.1	4639.8	5344.8	7940.1	8940.3	9733.4	9548.4	9138.6	9385.3	*9944.9*	9676.2
62.5°	3692.5	3780.6	4375.4	6345.0	8389.5	9486.7	10046.3	9883.3	10116.8	*10583.8*	9953.8
65°	3251.8	3282.7	3710.1	4864.5	7376.1	9275.2	10301.8	10200.5	10301.8	*10694.0*	9812.8
67.5°	2709.9	2771.5	3185.7	4128.7	5957.3	8825.7	9922.9	10068.3	10570.6	*10958.4*	9918.5
68°	*2595.3*	*2639.4*	*3062.4*	*3948.0*	*5692.9*	*8662.7*	*9821.6*	*10077.1*	*10676.4*	*11011.3*	*9861.2*
70°	2119.4	2181.1	2555.6	3309.1	4772.0	6935.5	9425.0	10249.0	10751.3	*10901.1*	9548.4
72.5°	1048.7	1158.8	1762.5	2335.3	3445.7	5014.3	8261.7	10028.7	10597.1	*10504.5*	8887.4
75°	370.1	396.6	824.0	1264.6	1670.0	3247.4	5842.7	9143.0	9715.8	*9173.8*	7451.0
77.5°	264.4	286.4	467.1	638.9	687.4	1630.3	3745.3	6045.4	5745.8	*4450.3*	3392.8
80°	207.1	224.7	348.1	356.9	343.7	572.8	1277.8	1833.0	1291.0	*810.8*	586.0
82.5°	127.8	154.2	260.0	215.9	158.6	180.7	299.6	493.5	352.5	*224.7*	180.7
85°	48.5	61.7	119.0	83.7	52.9	70.5	101.3	132.2	101.3	*74.9*	66.1
87.5°	4.4	4.4	8.8	8.8	13.2	17.6	26.4	35.3	39.7	*39.7*	39.7
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: P1366502
CATALOG NUMBER: GSS-SB2D-730-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1
2.5°	2899.3	2912.5	2969.8	3000.7	3057.9	3102.0	3128.4	3141.7	3154.9	3163.7	3159.3
5°	2930.2	2969.8	3080.0	3163.7	3229.8	3273.9	3295.9	3313.5	3317.9	3326.7	3322.3
7.5°	2987.4	3049.1	3216.6	3313.5	3370.8	3388.4	3370.8	3362.0	3348.8	3335.5	3335.5
10°	3080.0	3176.9	3375.2	3445.7	3450.1	3423.7	3366.4	3300.3	3251.8	3234.2	3225.4
12.5°	3198.9	3335.5	3538.2	3555.9	3498.6	3375.2	3212.2	3075.6	2987.4	2921.4	2916.9
15°	3344.4	3503.0	3679.2	3626.4	3463.3	3203.4	2934.6	2740.7	2639.4	2582.1	2555.6
17.5°	3494.2	3696.9	3807.0	3661.6	3317.9	2894.9	2573.3	2419.0	2326.5	2295.7	2273.6
20°	3661.6	3855.5	3895.1	3608.7	3053.5	2551.2	2260.4	2163.5	2163.5	2154.7	2145.9
22.5°	3833.5	4018.5	3943.6	3463.3	2705.4	2211.9	2035.7	2070.9	2132.6	2150.3	2150.3
25°	3992.1	4159.5	3943.6	3203.4	2291.3	1934.4	1947.6	2031.3	2110.6	2154.7	2154.7
27.5°	4146.3	4247.6	3864.3	2837.6	1916.7	1793.3	1872.7	1974.0	2101.8	2167.9	2172.3
30°	4300.5	4313.7	3723.3	2370.6	1647.9	1692.0	1784.5	1916.7	2057.7	2141.4	2150.3
32.5°	4463.5	4375.4	3525.0	1907.9	1524.6	1595.1	1705.2	1811.0	1921.1	1982.8	1987.2
35°	4648.6	4432.7	3269.4	1551.0	1445.3	1529.0	1612.7	1647.9	1678.8	1714.0	1736.1
37.5°	4851.3	4507.6	2934.6	1370.3	1370.3	1467.3	1515.8	1445.3	1436.4	1432.0	1418.8
40°	5076.0	4586.9	2516.0	1277.8	1313.1	1401.2	1361.5	1277.8	1216.1	1150.0	1154.4
42.5°	5358.0	4688.3	2040.1	1233.8	1273.4	1348.3	1238.2	1136.8	969.4	925.3	934.1
45°	5679.7	4816.0	1661.2	1194.1	1242.6	1299.8	1154.4	960.6	854.8	898.9	929.7
47.5°	6019.0	4983.5	1388.0	1163.3	1229.3	1242.6	1101.6	881.3	810.8	907.7	947.3
50°	6419.9	5137.7	1260.2	1132.4	1224.9	1224.9	1009.0	868.0	775.5	859.2	898.9
52.5°	6825.3	5287.5	1194.1	1097.2	1211.7	1220.5	987.0	850.4	727.0	753.5	771.1
55°	7221.9	5371.2	1158.8	1048.7	1198.5	1198.5	995.8	819.6	678.6	678.6	687.4
57.5°	7622.8	5428.5	1128.0	991.4	1154.4	1132.4	995.8	797.5	660.9	643.3	652.1
60°	8067.9	5463.8	1097.2	925.3	1092.8	1053.1	991.4	779.9	638.9	612.5	616.9
62.5°	8138.4	5217.0	1039.9	854.8	1009.0	987.0	973.8	757.9	603.7	550.8	550.8
65°	7887.2	4846.9	969.4	766.7	898.9	920.9	938.5	731.4	568.4	506.7	511.1
67.5°	7860.8	4569.3	894.5	687.4	753.5	837.2	894.5	687.4	515.5	462.7	458.3
68°	*7799.1*	*4468.0*	*872.4*	*669.8*	*727.0*	*819.6*	*868.0*	*669.8*	*506.7*	*453.8*	*453.8*
70°	7402.5	4027.3	740.3	590.4	643.3	669.8	762.3	594.8	453.8	409.8	414.2
72.5°	6631.4	3282.7	568.4	480.3	515.5	515.5	660.9	550.8	414.2	374.5	374.5
75°	5529.9	2595.3	431.8	378.9	361.3	418.6	537.6	497.9	365.7	334.9	321.7
77.5°	2511.6	1119.2	282.0	264.4	268.8	326.1	427.4	427.4	348.1	273.2	242.3
80°	555.2	348.1	171.8	158.6	158.6	207.1	299.6	308.4	251.2	189.5	163.0
82.5°	185.1	141.0	105.8	96.9	92.5	110.2	185.1	202.7	149.8	110.2	110.2
85°	70.5	66.1	57.3	52.9	44.1	44.1	57.3	92.5	79.3	52.9	52.9
87.5°	35.3	35.3	30.8	22.0	17.6	13.2	8.8	8.8	8.8	13.2	8.8
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

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

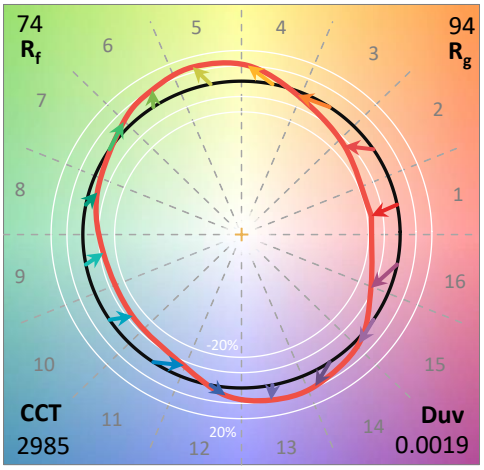
Test Information

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

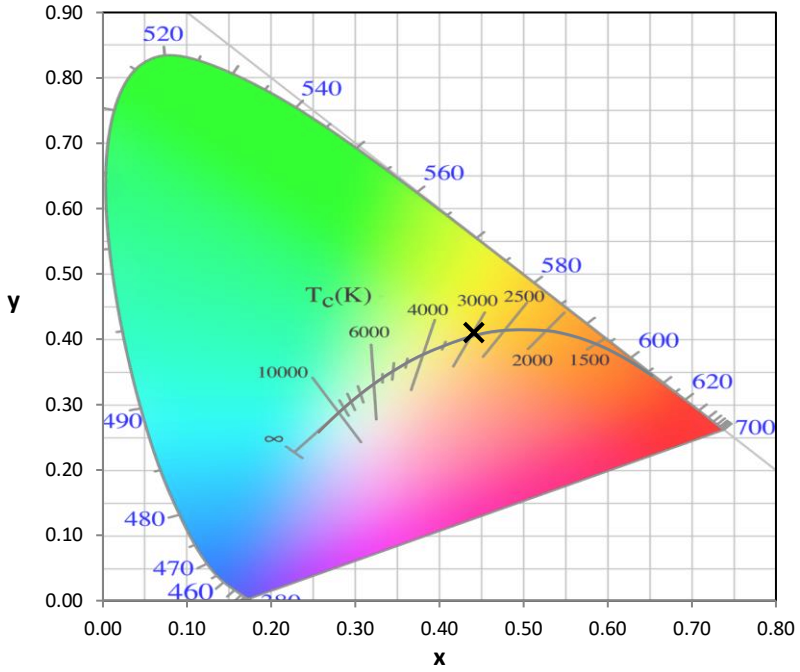
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

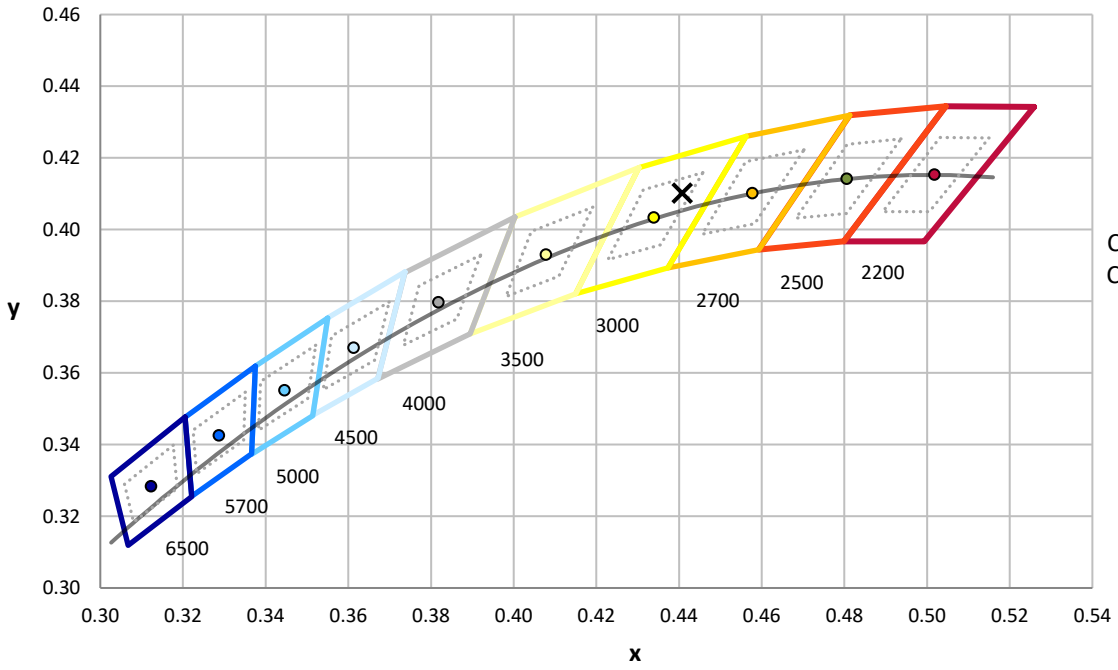
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

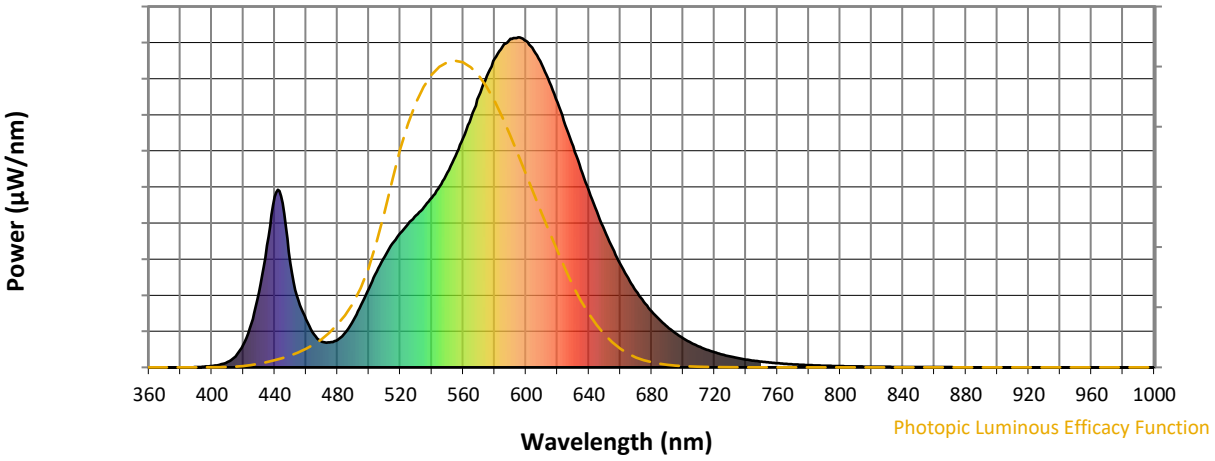


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

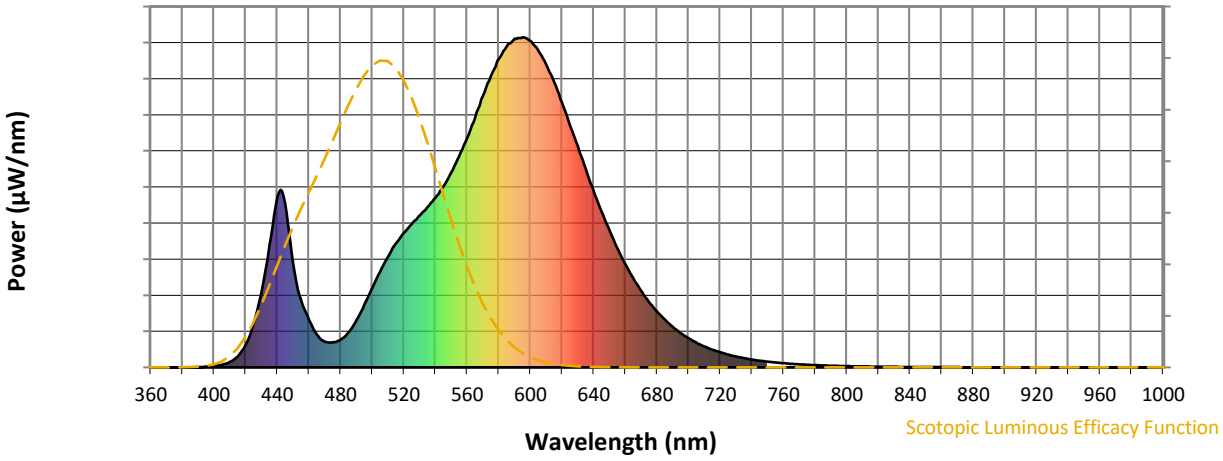


Photopic Lumens: NR

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

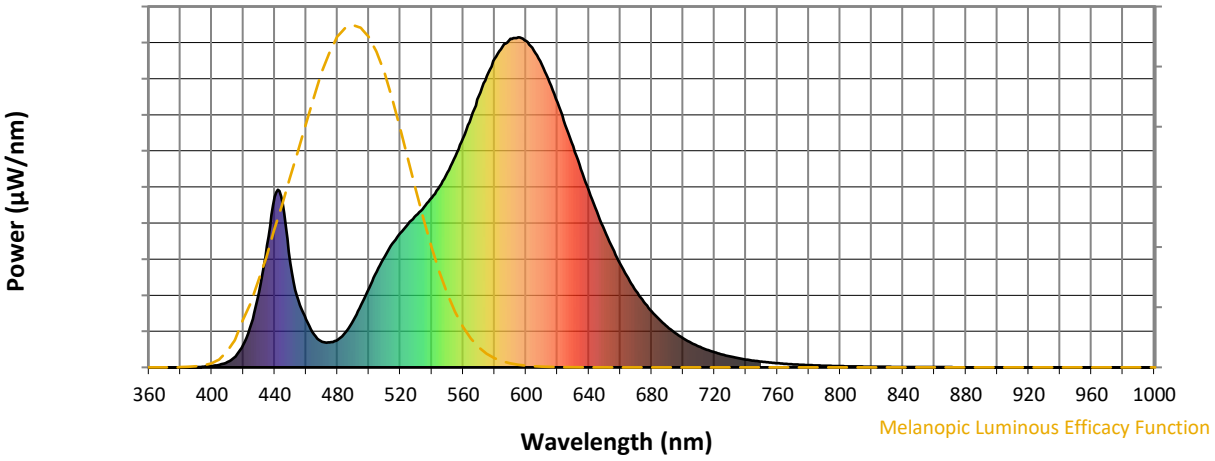


Scotopic Lumens: NR **S/P: 1.19**

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			

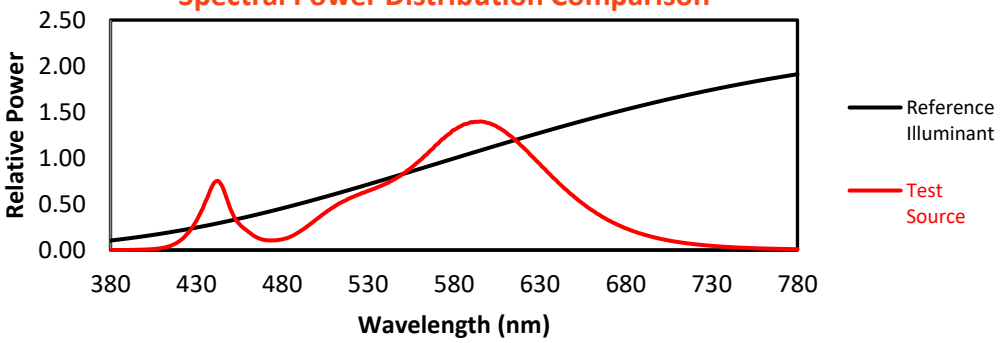
REPORT NUMBER: SP1-2407-184-4

TM-30-18

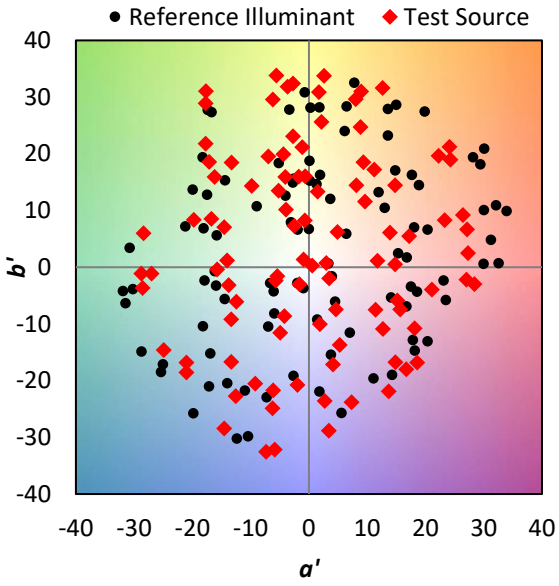
Summary

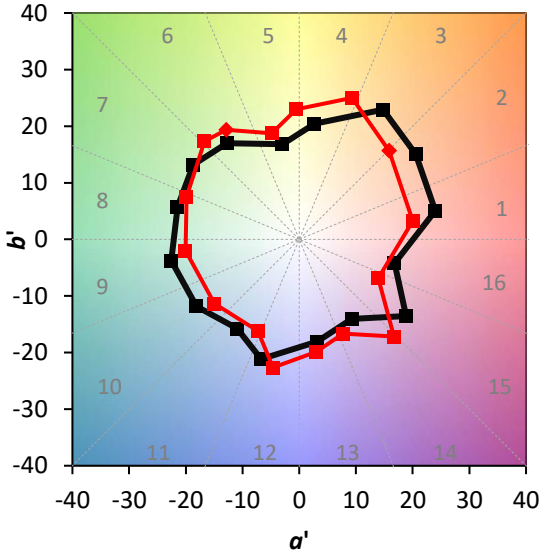
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

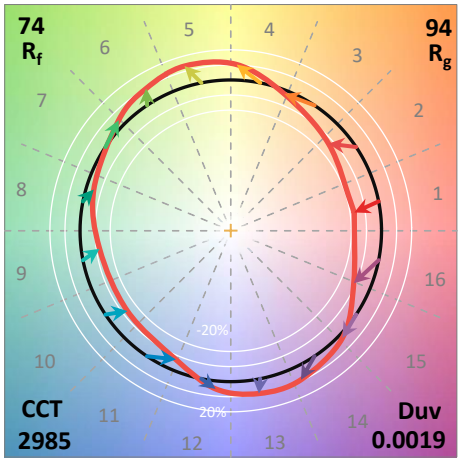
Spectral Power Distribution Comparison

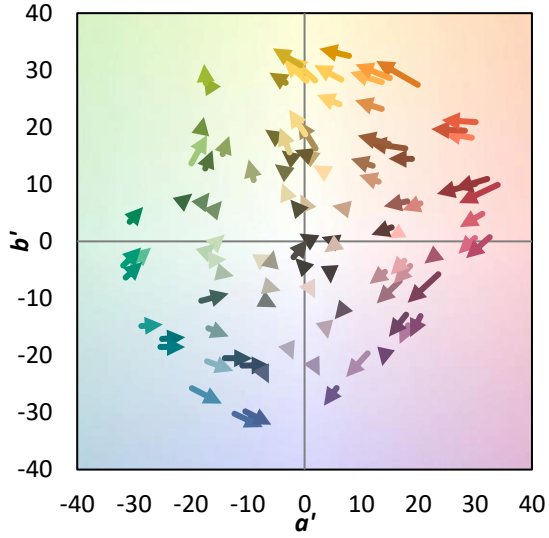


Color Vector Graphics







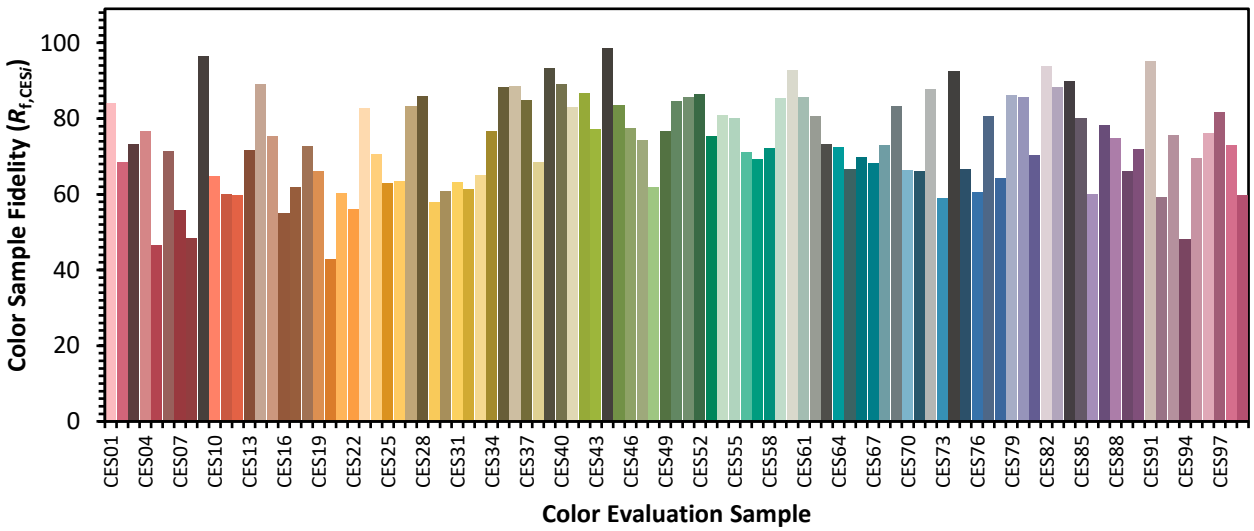


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

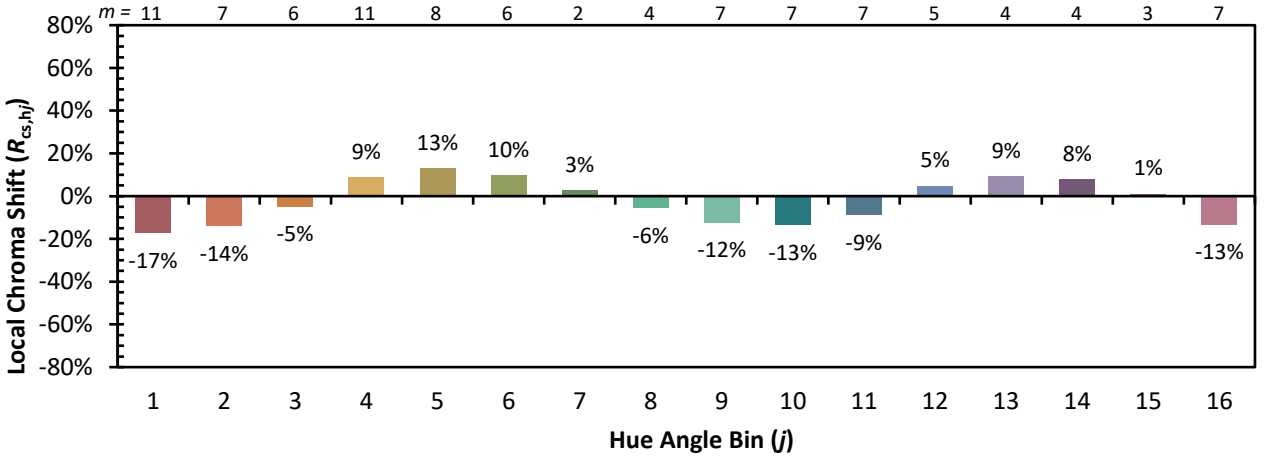
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

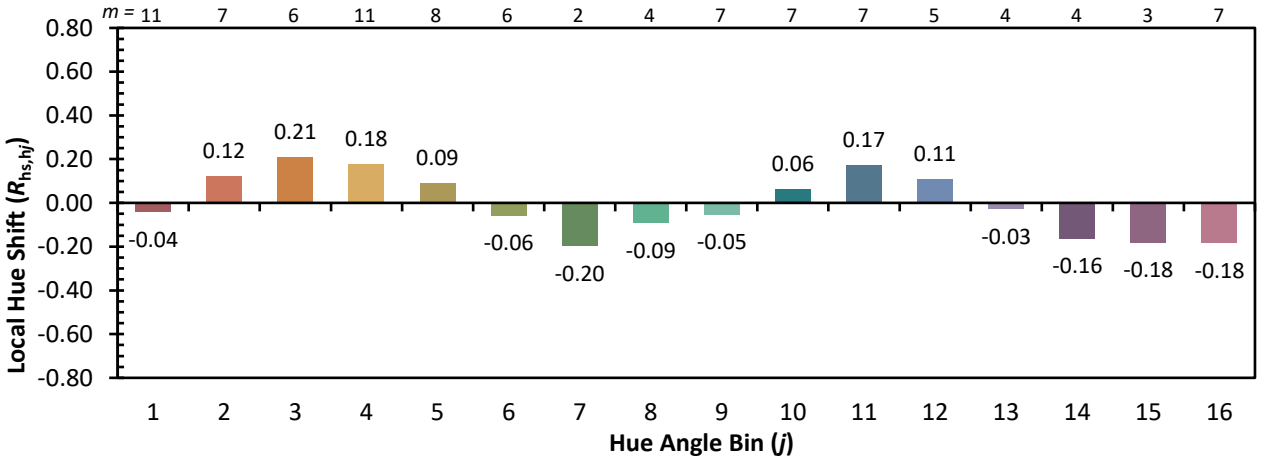


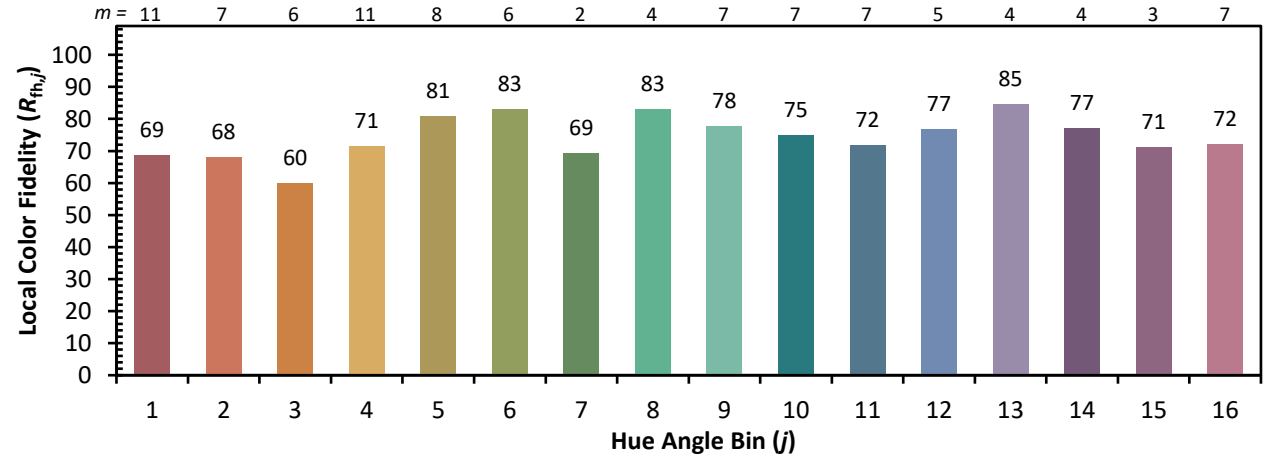
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



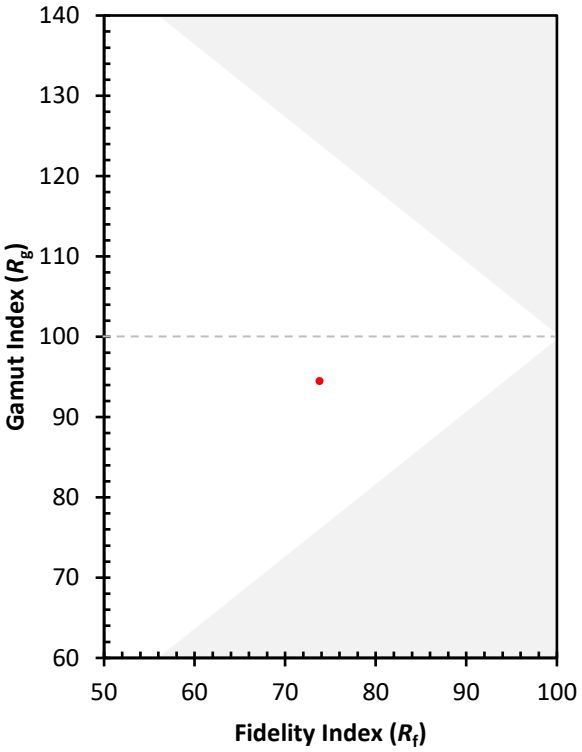


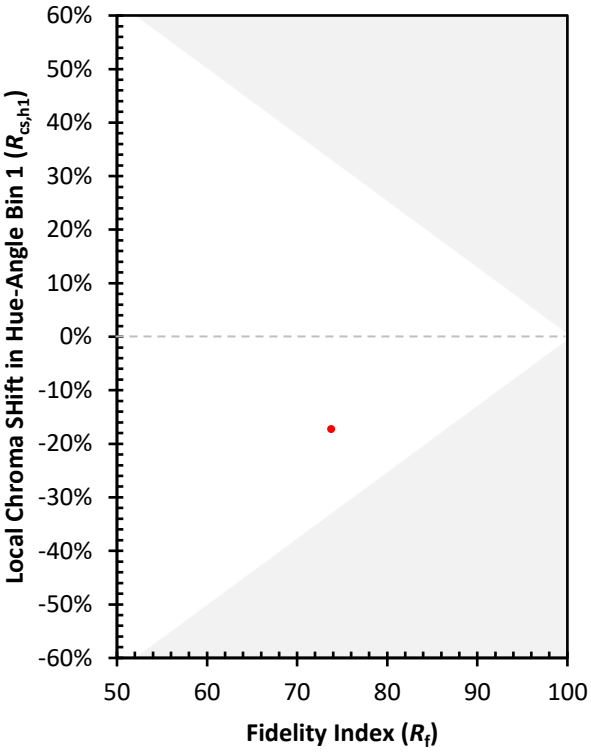


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)