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: P1366889

Luminaire Tested: **GSS-SB3C-730-U-T3R-HSS**

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:	P1366889
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-730-U-T3R-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 70CRI 3000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16656.7 lumens
Efficiency:	N/A
Efficacy:	111.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G3

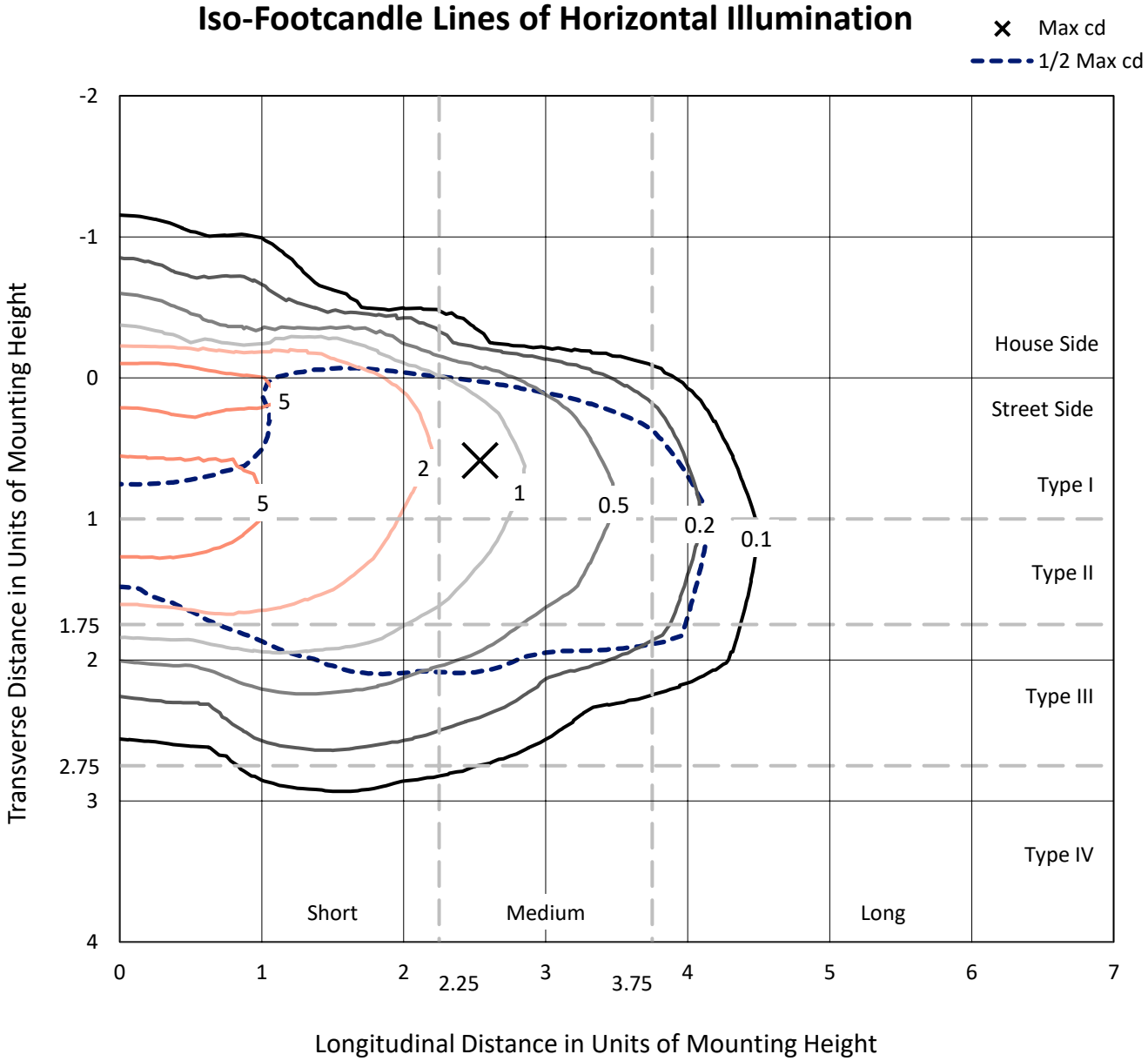
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366889
CATALOG NUMBER: GSS-SB3C-730-U-T3R-HSS

Iso-Footcandle Lines of Horizontal Illumination



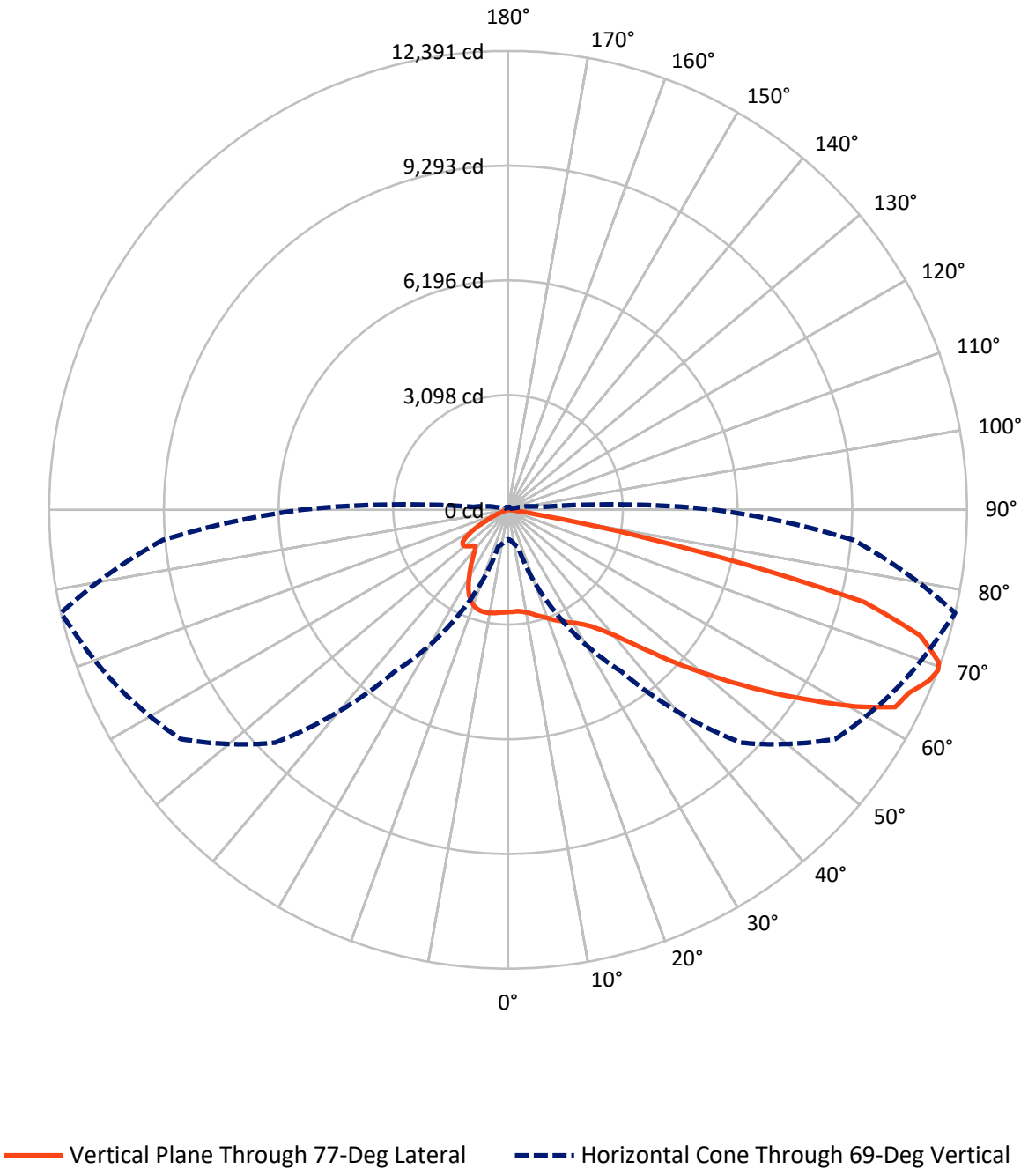
Based on 20 foot mounting height. Maximum calculated value = 7.9 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366889
CATALOG NUMBER: GSS-SB3C-730-U-T3R-HSS

Luminous Intensity Polar Plot



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

Scaled Data Report

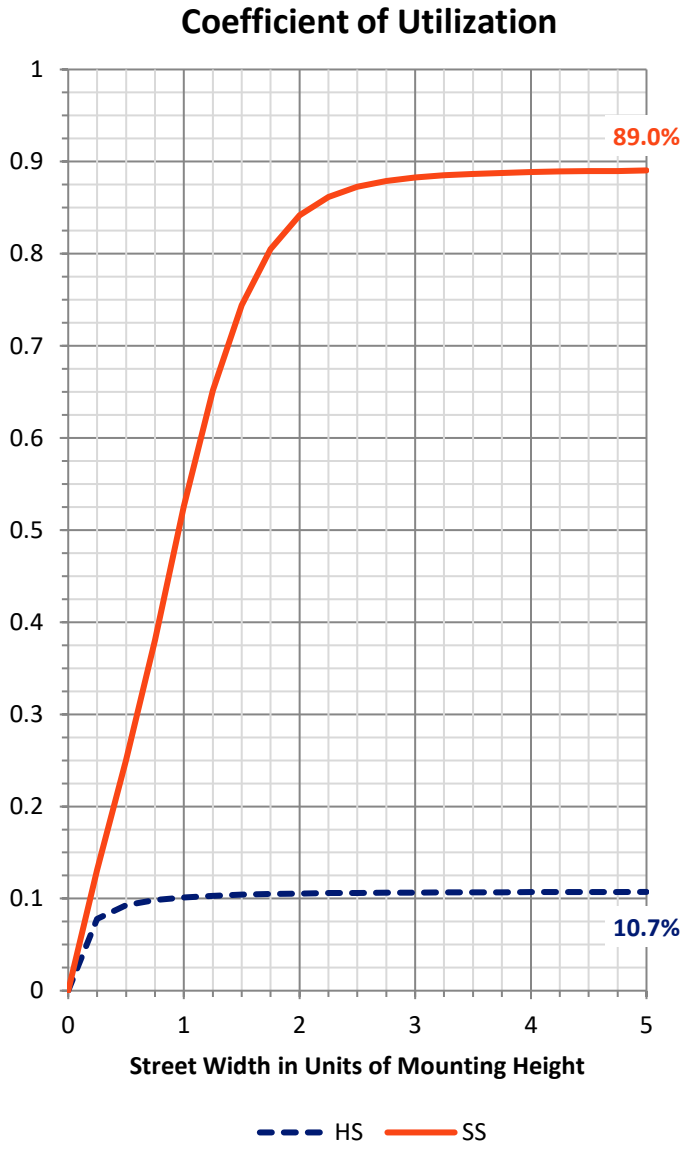
REPORT NUMBER: P1366889
CATALOG NUMBER: GSS-SB3C-730-U-T3R-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1800.4	0.0	1800.4
	% Fixture	10.8	0.0	10.8
Street Side	Lumens	14856.3	0.0	14856.3
	% Fixture	89.2	0.0	89.2
Total	Lumens	16656.7	0.0	16656.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.6	1.4
10°-20°	559.3	3.4
20°-30°	862.9	5.2
30°-40°	1532.9	9.2
40°-50°	2961.1	17.8
50°-60°	4302.2	25.8
60°-70°	4128.6	24.8
70°-80°	2000.7	12.0
80°-90°	73.4	0.4
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°	16656.7	100.0
0°-180°	16656.7	100.0



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

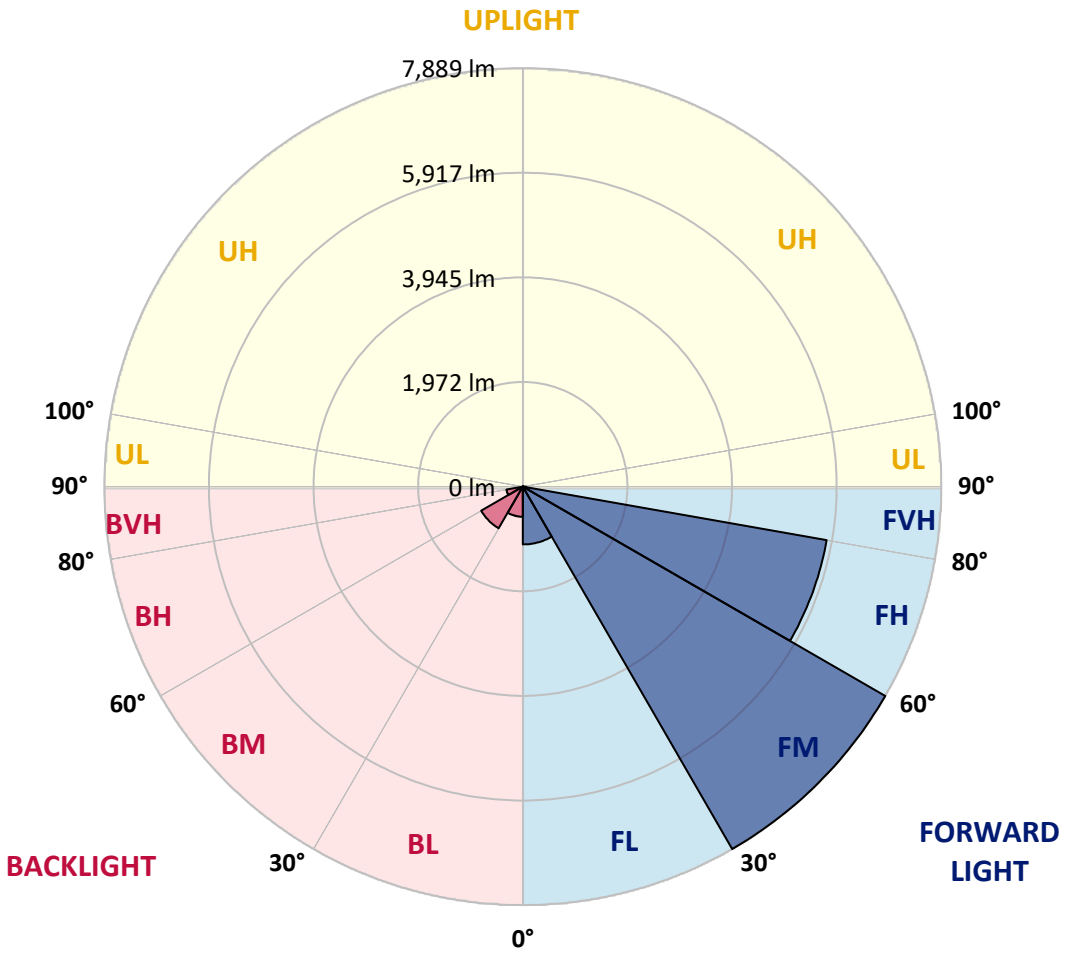
Scaled Data Report

REPORT NUMBER: P1366889
CATALOG NUMBER: GSS-SB3C-730-U-T3R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1089.7	6.5			
FM	(30°-60°)	7889.3	47.4			
FH	(60°-80°)	5815.5	34.9			G3/7500
FVH	(80°-90°)	61.8	0.4			G1/100
BL	(0°-30°)	568.1	3.4	B2/1000		
BM	(30°-60°)	906.9	5.4	B1/1000		
BH	(60°-80°)	313.9	1.9	B1/500		G1/500
BVH	(80°-90°)	11.6	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Medium



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

Scaled Data Report

REPORT NUMBER: P1366889
CATALOG NUMBER: GSS-SB3C-730-U-T3R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	*2757.3*	2757.3
2.5°	2651.1	2660.8	2646.3	2655.9	2670.4	2680.1	2704.2	2713.9	2747.7	*2757.3*	2767.0
5°	2520.7	2530.4	2530.4	2549.7	2573.8	2602.8	2641.4	2680.1	2742.8	*2747.7*	2791.1
7.5°	2366.2	2361.4	2375.8	2414.5	2462.8	2535.2	2602.8	2670.4	2762.2	*2776.6*	2853.9
10°	2168.2	2168.2	2197.2	2250.3	2327.6	2448.3	2564.2	2665.6	2786.3	*2820.1*	2921.5
12.5°	2057.1	2062.0	2076.5	2119.9	2231.0	2371.0	2525.5	2689.7	2849.1	*2882.9*	3022.9
15°	2013.7	2018.5	2037.8	2081.3	2168.2	2332.4	2515.9	2718.7	2916.7	*2960.1*	3129.2
17.5°	2018.5	2013.7	2028.2	2062.0	2148.9	2308.2	2525.5	2767.0	2989.1	*3042.2*	3240.2
20°	2047.5	2047.5	2047.5	2071.6	2153.7	2308.2	2554.5	2834.6	3080.9	*3129.2*	3375.4
22.5°	2100.6	2090.9	2095.8	2105.4	2182.7	2337.2	2598.0	2907.0	3172.6	*3230.6*	3501.0
25°	2139.2	2134.4	2134.4	2153.7	2226.1	2366.2	2641.4	3018.1	3274.0	*3327.1*	3631.4
27.5°	2380.7	2356.5	2279.3	2216.5	2274.4	2429.0	2704.2	3114.7	3380.3	*3438.2*	3752.1
30°	3138.8	3100.2	2863.6	2525.5	2380.7	2501.4	2786.3	3216.1	3496.2	*3544.5*	3906.6
32.5°	4278.5	4230.2	3863.2	3216.1	2733.2	2646.3	2897.4	3336.8	3626.5	*3679.7*	4090.1
35°	5471.2	5408.4	5046.3	4312.3	3481.7	2969.8	3066.4	3491.3	3805.2	*3863.2*	4350.9
37.5°	6350.1	6306.6	6050.7	5442.2	4442.6	3583.1	3346.5	3713.5	4056.3	*4119.1*	4708.2
40°	7079.2	7050.3	6973.0	6466.0	5524.3	4471.6	3819.7	4056.3	4399.2	*4466.8*	5142.8
42.5°	7716.7	7707.0	7740.8	7513.9	6736.4	5500.2	4534.4	4558.5	4867.6	*4940.0*	5693.3
45°	8243.0	8247.9	8383.1	8494.1	7982.3	6625.3	5360.1	5157.3	5432.6	*5529.2*	6292.1
47.5°	8759.7	8721.1	8967.4	9208.8	9025.3	7765.0	6214.9	5833.4	6127.9	*6239.0*	6958.5
50°	8832.2	8846.6	9271.6	9672.4	9831.8	8841.8	7142.0	6591.5	6866.8	*6973.0*	7668.4
52.5°	8421.7	8508.6	9150.9	9884.9	10305.0	9793.1	8107.8	7402.8	7649.1	*7832.6*	8397.6
55°	6417.7	6620.5	8725.9	9653.1	10382.3	10435.4	9001.2	8175.4	8523.1	*8745.2*	9083.3
57.5°	5582.3	5640.2	6794.3	9170.2	10121.5	10778.2	9754.5	8948.1	9469.6	*9715.9*	9778.6
60°	4795.2	4824.1	5712.7	8402.4	9672.4	10638.2	10387.1	9851.1	10498.1	*10783.1*	10372.6
62.5°	2820.1	3047.1	4041.8	6770.2	9112.2	10454.7	10870.0	10783.1	11473.6	*11729.5*	10445.0
65°	1429.4	1554.9	2158.5	5017.3	8141.6	10353.3	11309.4	11309.4	11657.1	*11903.4*	9913.8
67.5°	927.2	975.4	1216.9	3728.0	6325.9	9971.8	11125.9	11319.1	12009.6	*12280.0*	9696.5
69°	*796.8*	*830.6*	*1033.4*	*3090.5*	*5326.3*	*8890.1*	*10787.9*	*11526.7*	*12226.9*	*12391.1*	*9353.7*
70°	714.7	743.7	941.6	2694.6	4626.1	7499.4	10594.7	11589.5	12193.1	*12342.8*	9006.0
72.5°	497.4	502.2	700.2	1593.6	2931.2	4766.2	8595.5	11082.4	11647.4	*11647.4*	7934.0
75°	207.6	246.3	396.0	700.2	1221.7	2641.4	4162.6	9450.3	10107.0	*9933.2*	6113.5
77.5°	164.2	193.2	342.9	386.3	444.3	1091.3	1477.7	5529.2	4819.3	*4548.9*	1999.2
80°	120.7	140.0	289.7	260.8	164.2	318.7	367.0	1260.4	903.0	*791.9*	304.2
82.5°	53.1	67.6	222.1	164.2	91.8	101.4	135.2	265.6	260.8	*231.8*	125.6
85°	29.0	43.5	96.6	57.9	38.6	38.6	53.1	82.1	72.4	*72.4*	53.1
87.5°	0.0	0.0	4.8	4.8	9.7	14.5	19.3	29.0	33.8	*33.8*	33.8
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: P1366889
CATALOG NUMBER: GSS-SB3C-730-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3	2757.3
2.5°	2767.0	2771.8	2771.8	2757.3	2742.8	2723.5	2689.7	2670.4	2660.8	2651.1	2646.3
5°	2791.1	2800.8	2776.6	2713.9	2636.6	2530.4	2433.8	2356.5	2288.9	2274.4	2260.0
7.5°	2853.9	2863.6	2791.1	2631.8	2433.8	2255.1	2062.0	1926.8	1815.7	1791.5	1796.4
10°	2936.0	2945.7	2796.0	2520.7	2221.3	1917.1	1651.5	1419.7	1270.0	1236.2	1192.8
12.5°	3051.9	3042.2	2781.5	2380.7	1950.9	1521.1	1163.8	912.7	787.1	709.9	724.3
15°	3163.0	3138.8	2752.5	2206.8	1608.0	1086.5	734.0	594.0	550.5	545.7	545.7
17.5°	3298.2	3240.2	2699.4	1979.9	1216.9	729.2	555.3	526.4	516.7	521.5	516.7
20°	3423.7	3317.5	2612.5	1695.0	874.0	560.2	516.7	502.2	497.4	492.6	492.6
22.5°	3558.9	3380.3	2482.1	1366.6	627.8	511.9	492.6	478.1	463.6	458.8	458.8
25°	3689.3	3423.7	2308.2	1038.2	516.7	482.9	458.8	439.4	424.9	415.3	415.3
27.5°	3800.4	3438.2	2090.9	758.1	473.2	453.9	420.1	396.0	376.7	371.8	371.8
30°	3930.8	3433.4	1825.3	569.8	444.3	415.3	376.7	342.9	328.4	333.2	333.2
32.5°	4066.0	3452.7	1559.8	478.1	415.3	371.8	318.7	289.7	280.1	280.1	284.9
35°	4239.8	3481.7	1308.6	449.1	386.3	318.7	270.4	236.6	231.8	241.4	241.4
37.5°	4466.8	3515.5	1067.2	444.3	362.2	275.3	222.1	202.8	198.0	202.8	202.8
40°	4785.5	3621.7	840.2	444.3	342.9	246.3	188.3	178.7	178.7	178.7	178.7
42.5°	5239.4	3863.2	685.7	439.4	333.2	227.0	169.0	159.4	159.4	164.2	164.2
45°	5727.1	4230.2	637.4	424.9	323.5	227.0	159.4	149.7	154.5	154.5	154.5
47.5°	6195.5	4602.0	651.9	400.8	313.9	231.8	154.5	144.9	144.9	144.9	144.9
50°	6610.8	4862.8	676.1	367.0	294.6	227.0	154.5	135.2	140.0	140.0	140.0
52.5°	7045.4	4973.8	685.7	318.7	265.6	217.3	154.5	130.4	130.4	135.2	135.2
55°	7412.4	4940.0	647.1	270.4	231.8	202.8	144.9	125.6	125.6	125.6	125.6
57.5°	7721.5	4693.7	526.4	227.0	198.0	169.0	135.2	120.7	120.7	120.7	120.7
60°	7832.6	4075.6	386.3	193.2	159.4	140.0	125.6	115.9	111.1	111.1	106.2
62.5°	7407.6	3143.6	265.6	164.2	135.2	120.7	111.1	106.2	101.4	91.8	86.9
65°	6606.0	2163.4	193.2	135.2	115.9	101.4	101.4	96.6	82.1	72.4	67.6
67.5°	5997.6	1328.0	154.5	111.1	96.6	86.9	86.9	86.9	77.3	62.8	62.8
69°	*5577.4*	*922.3*	*140.0*	*101.4*	*86.9*	*77.3*	*77.3*	*82.1*	*72.4*	*57.9*	*57.9*
70°	5215.3	724.3	130.4	91.8	77.3	72.4	72.4	77.3	67.6	53.1	53.1
72.5°	4350.9	357.3	111.1	77.3	62.8	57.9	62.8	62.8	57.9	43.5	43.5
75°	3172.6	212.5	91.8	62.8	48.3	43.5	53.1	53.1	43.5	33.8	33.8
77.5°	1028.6	125.6	72.4	53.1	43.5	38.6	43.5	38.6	33.8	24.1	24.1
80°	217.3	77.3	53.1	38.6	33.8	29.0	29.0	24.1	24.1	19.3	19.3
82.5°	96.6	57.9	38.6	33.8	24.1	24.1	19.3	19.3	14.5	14.5	14.5
85°	48.3	38.6	29.0	24.1	19.3	19.3	14.5	14.5	14.5	14.5	14.5
87.5°	33.8	29.0	24.1	14.5	14.5	14.5	9.7	9.7	9.7	9.7	9.7
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

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

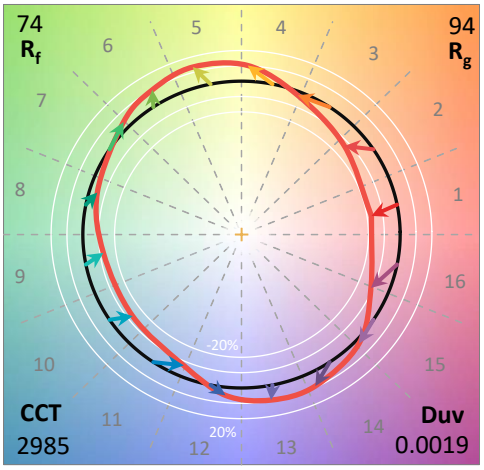
Test Information

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

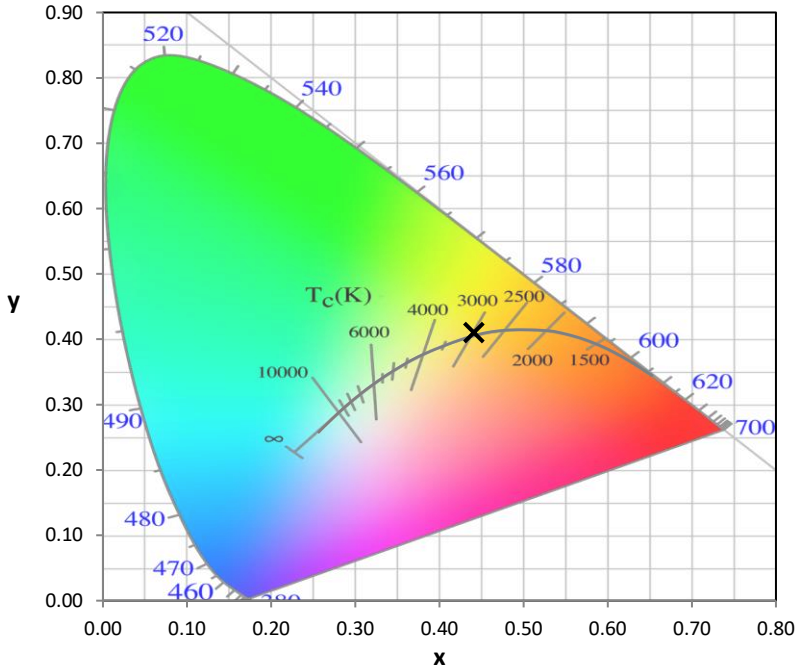
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

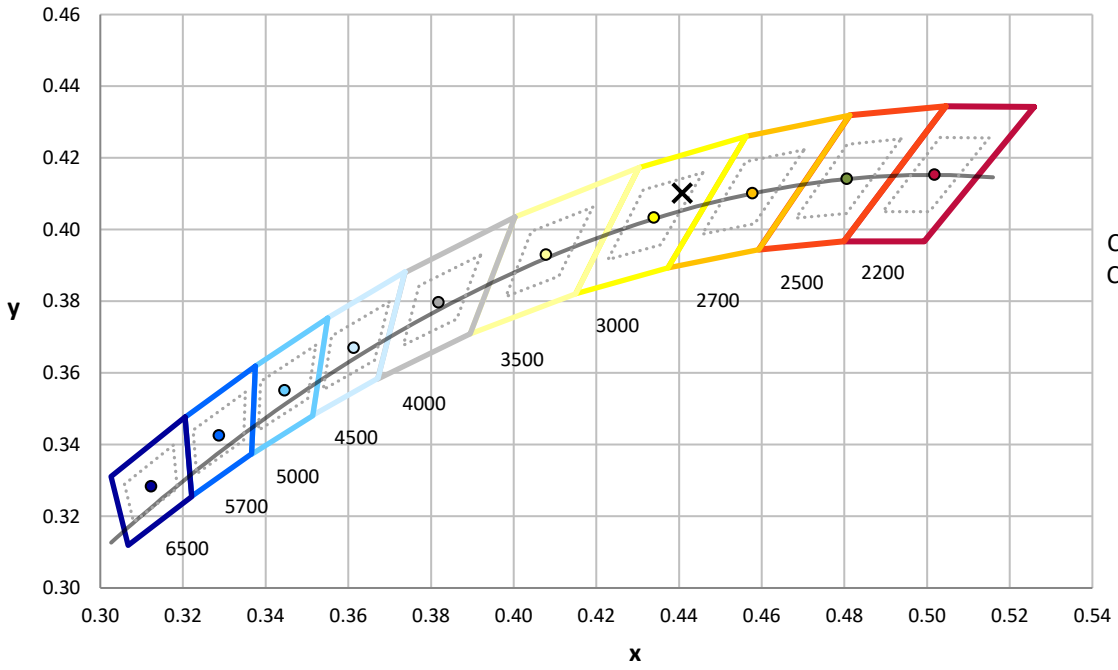
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

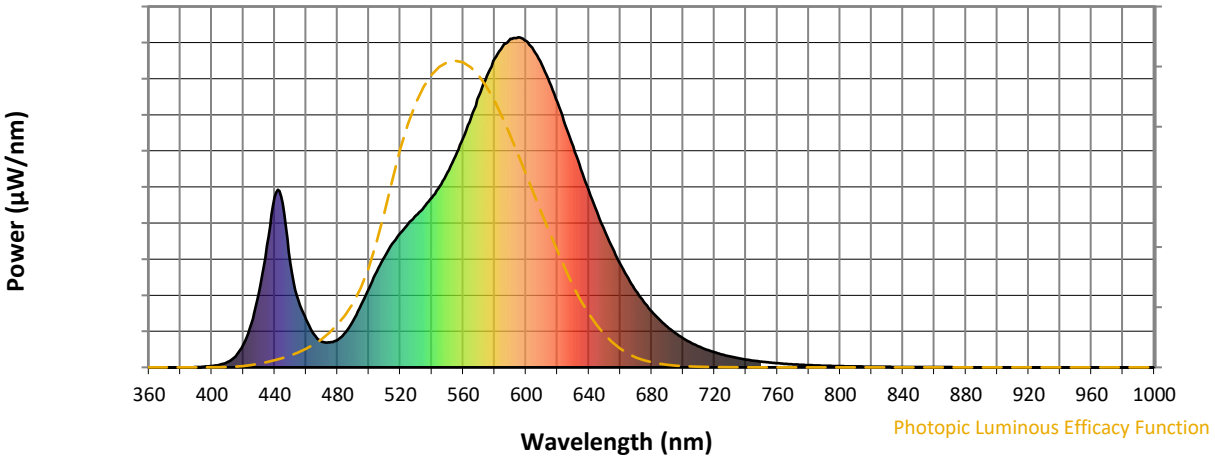


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

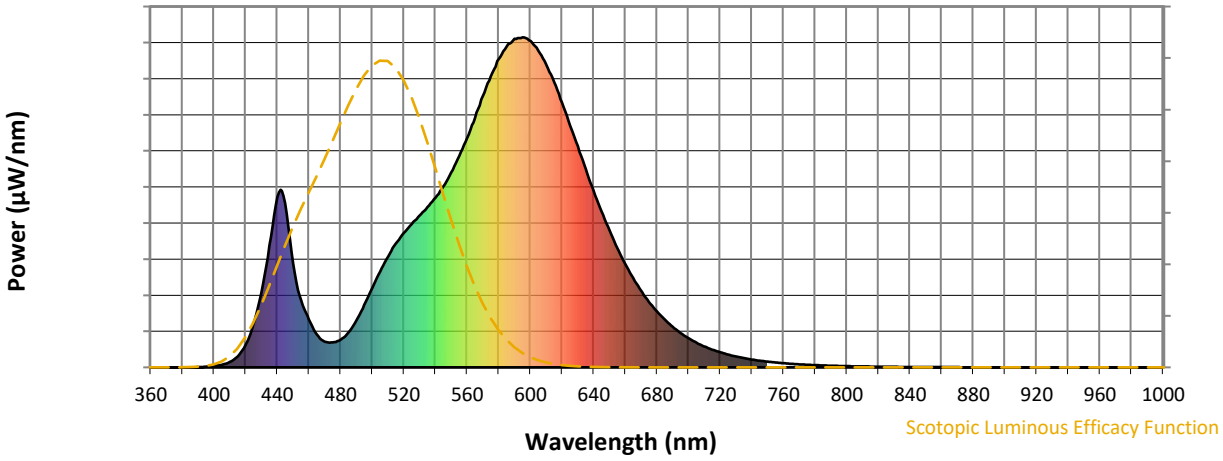


Photopic Lumens: NR

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

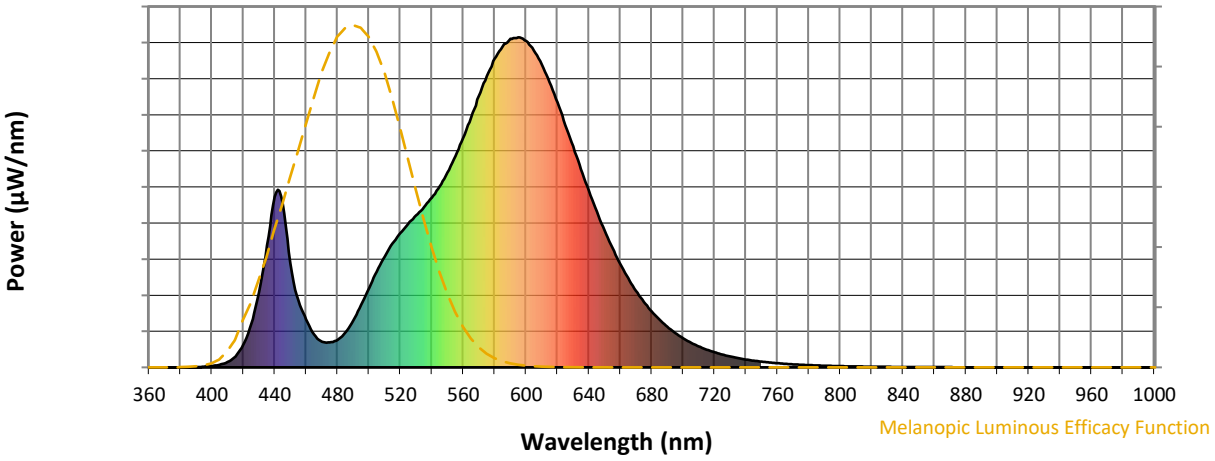


Scotopic Lumens: NR **S/P: 1.19**

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			

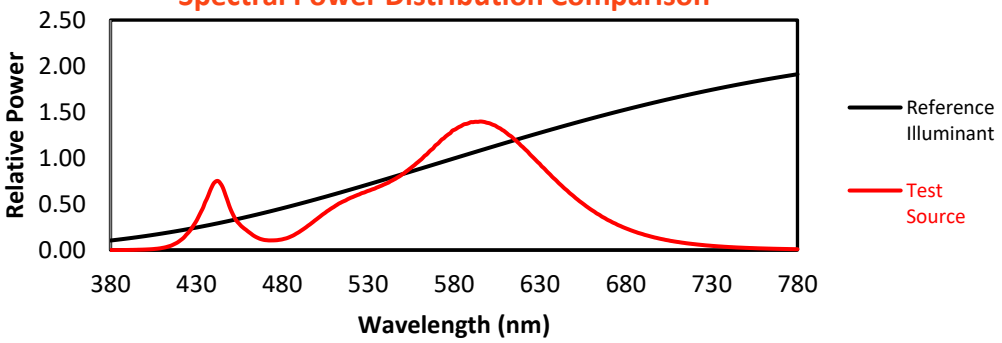
REPORT NUMBER: SP1-2407-184-4

TM-30-18

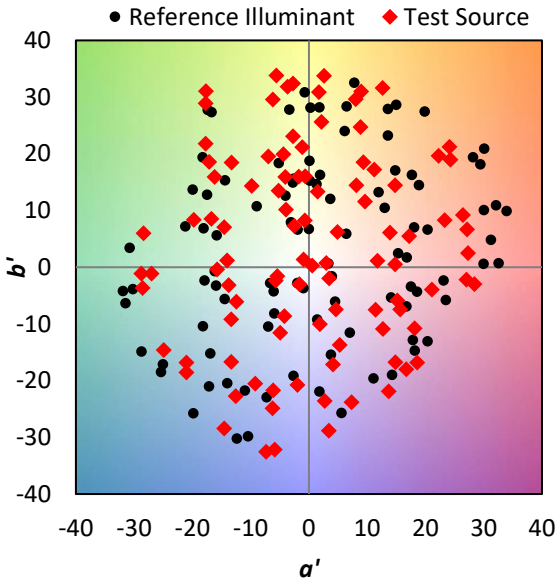
Summary

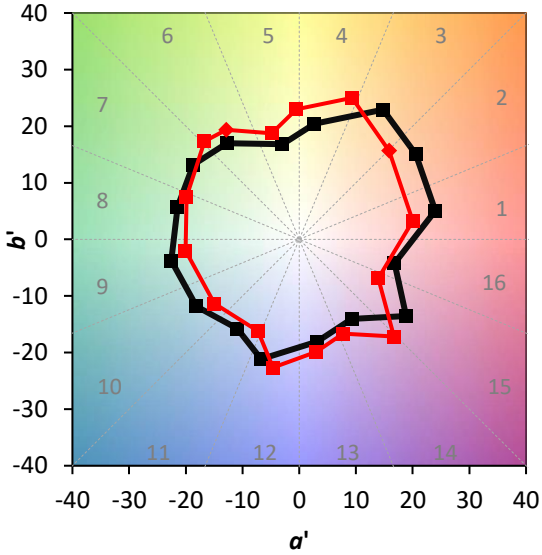
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

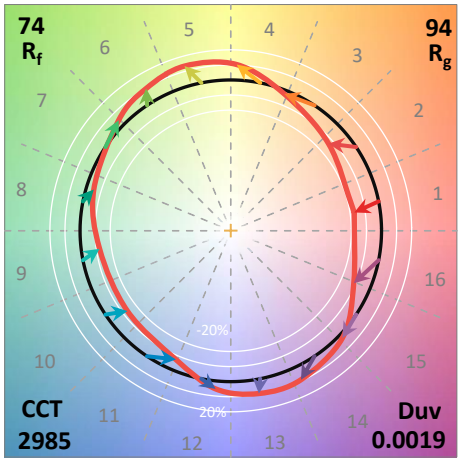
Spectral Power Distribution Comparison

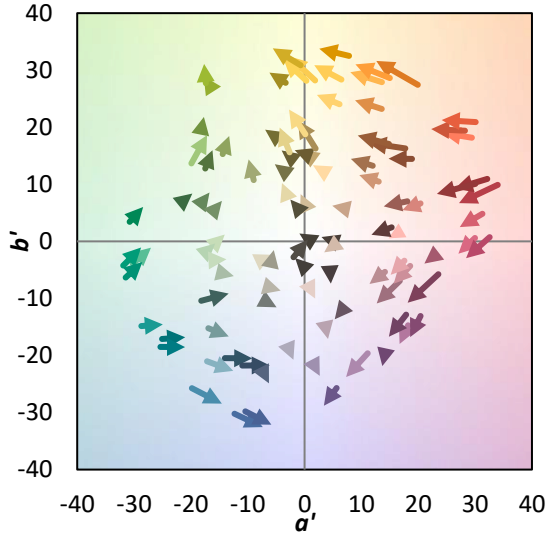


Color Vector Graphics







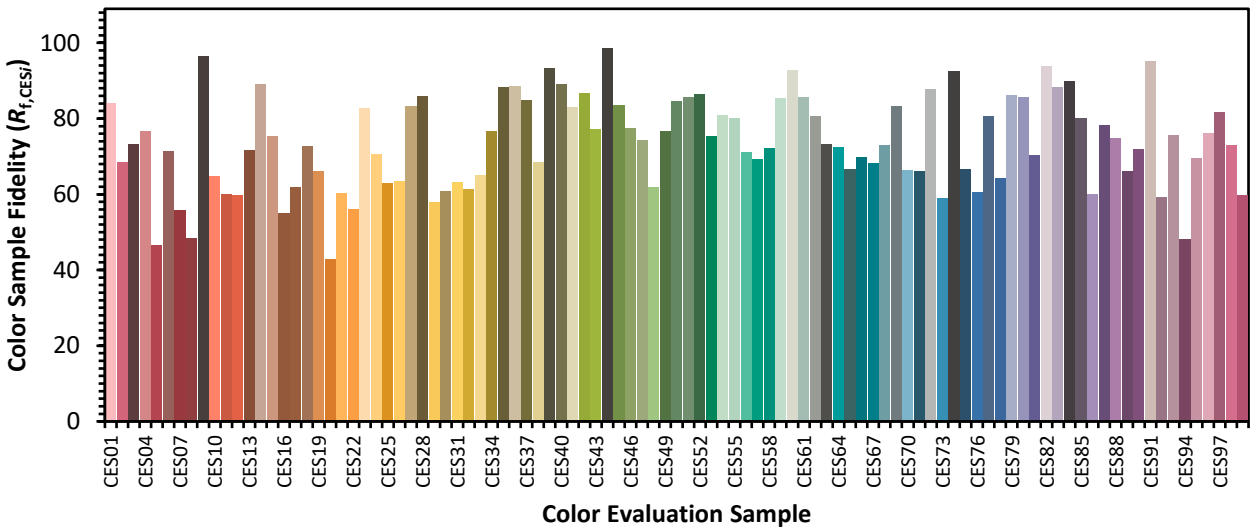


REPORT NUMBER: SP1-2407-184-4

TM-30-18

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

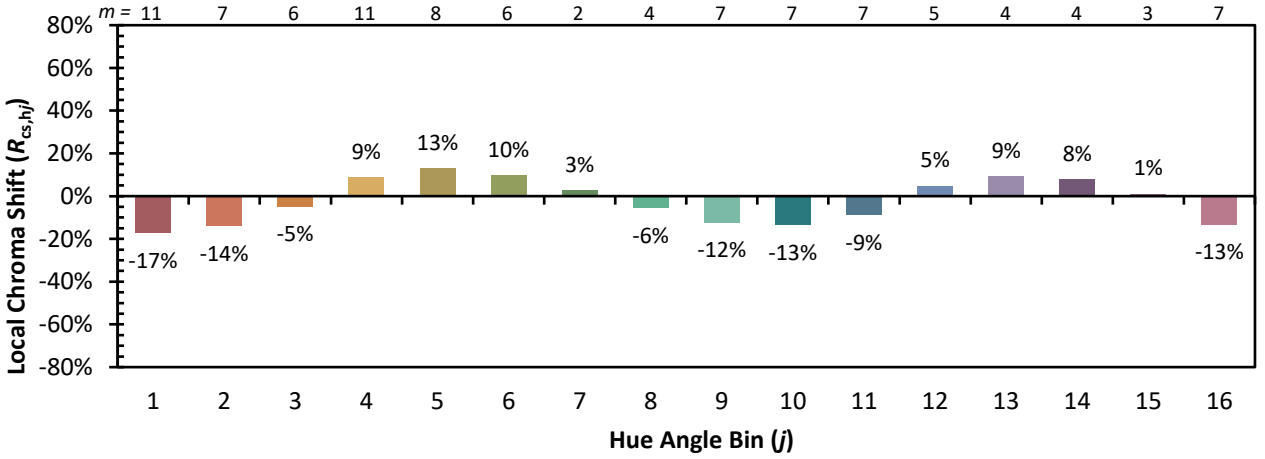
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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

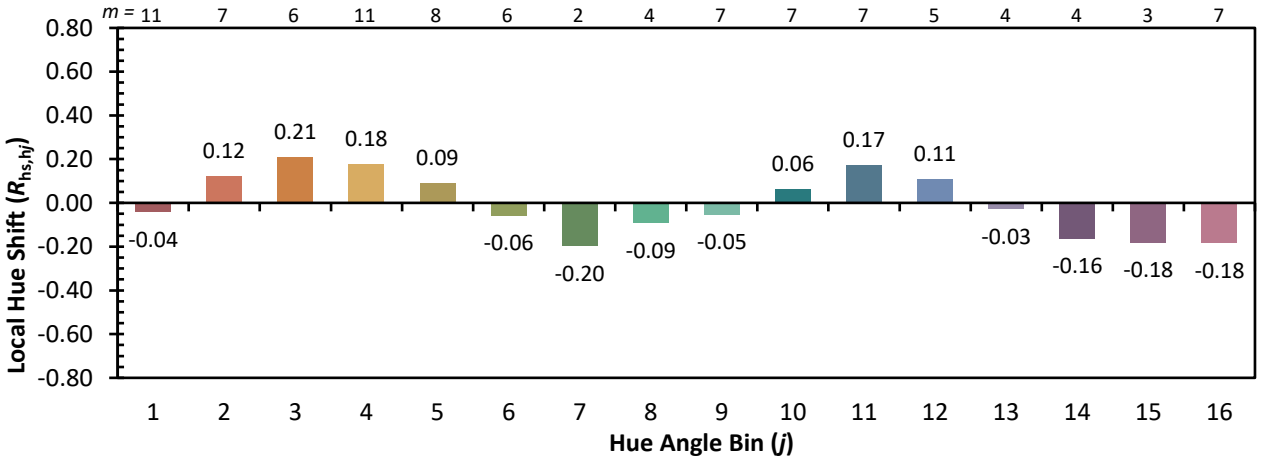


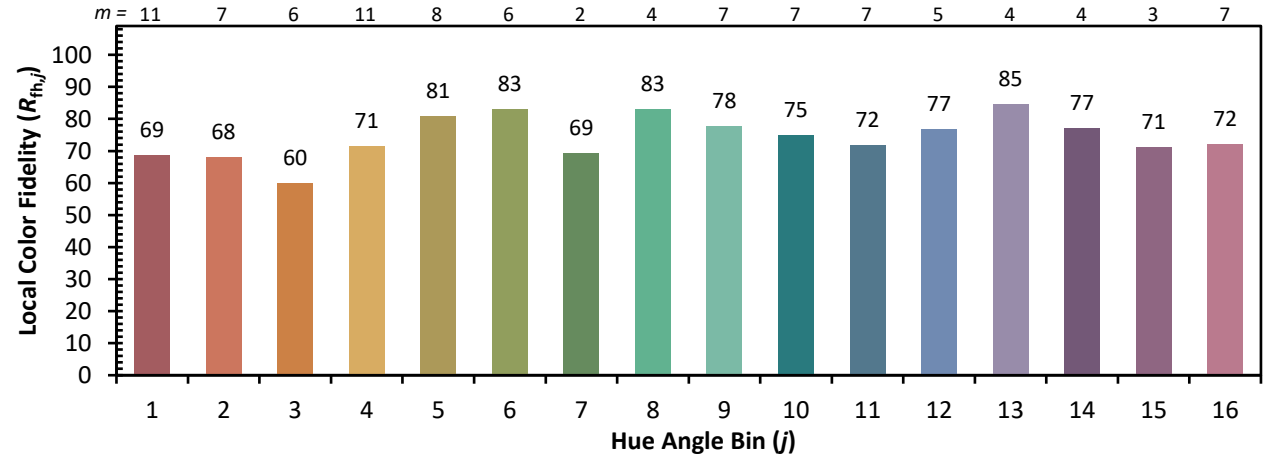
REPORT NUMBER: SP1-2407-184-4

TM-30-18

Color Rendition by Hue-Angle Bin



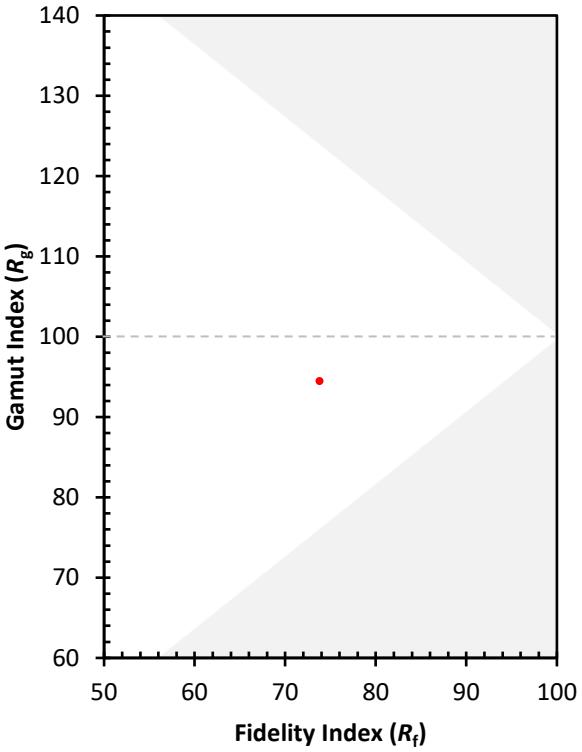


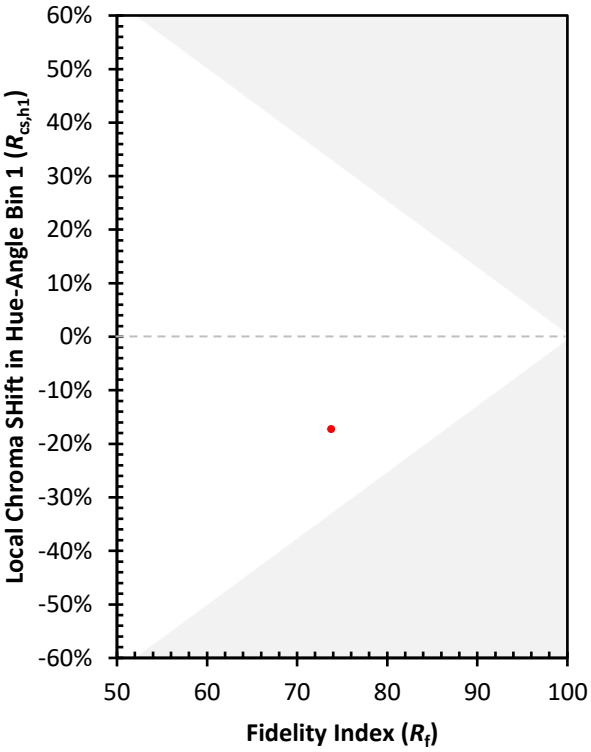


REPORT NUMBER: SP1-2407-184-4

TM-30-18

Measure Comparisons





(END OF REPORT)