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: P1366430

Luminaire Tested: **GSS-SB2D-740-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:	P1366430
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-740-U-T3R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 70CRI 4000K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC
Light Source:	(52) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19991.7 lumens
Efficiency:	N/A
Efficacy:	136.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

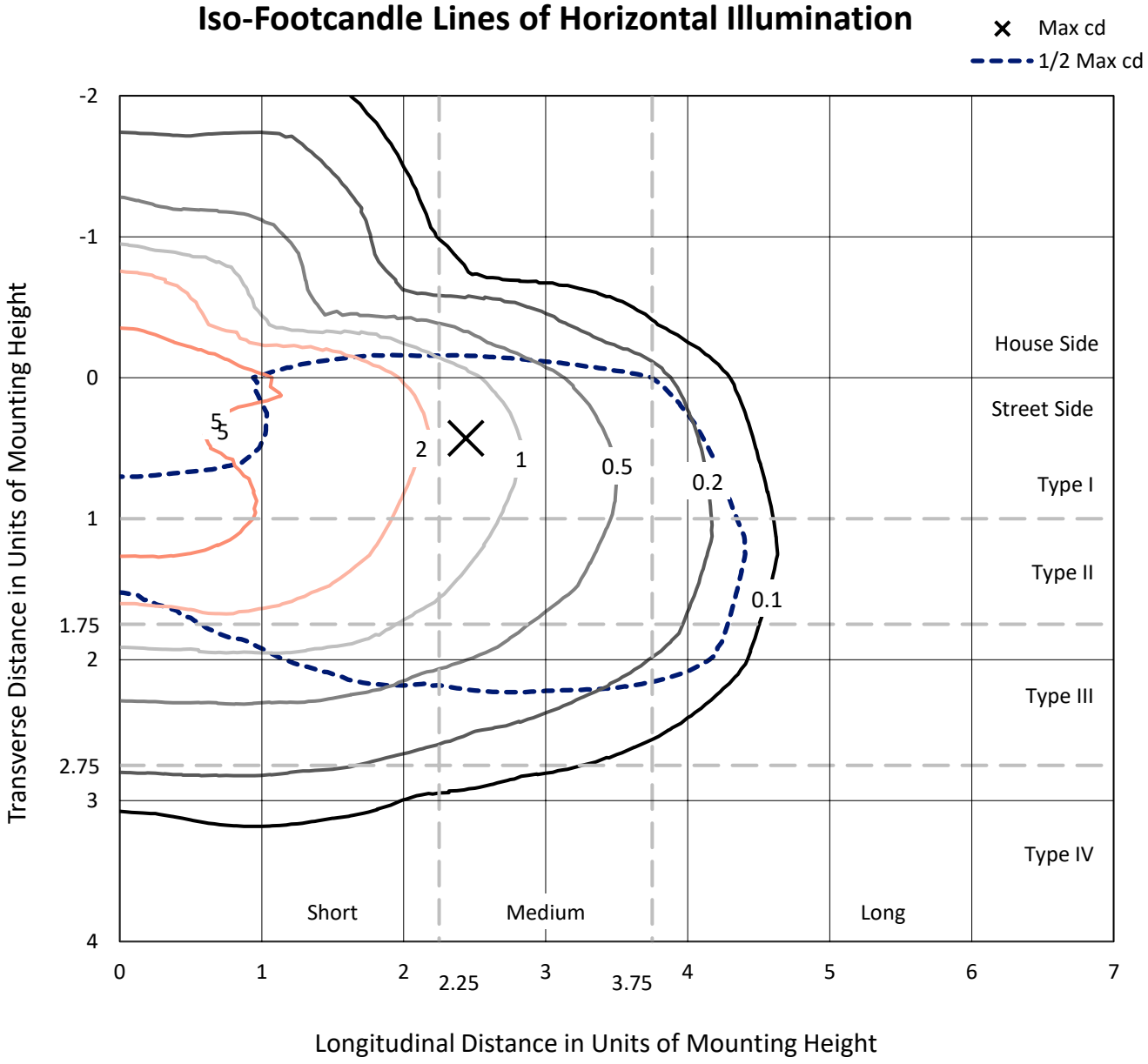
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366430
CATALOG NUMBER: GSS-SB2D-740-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



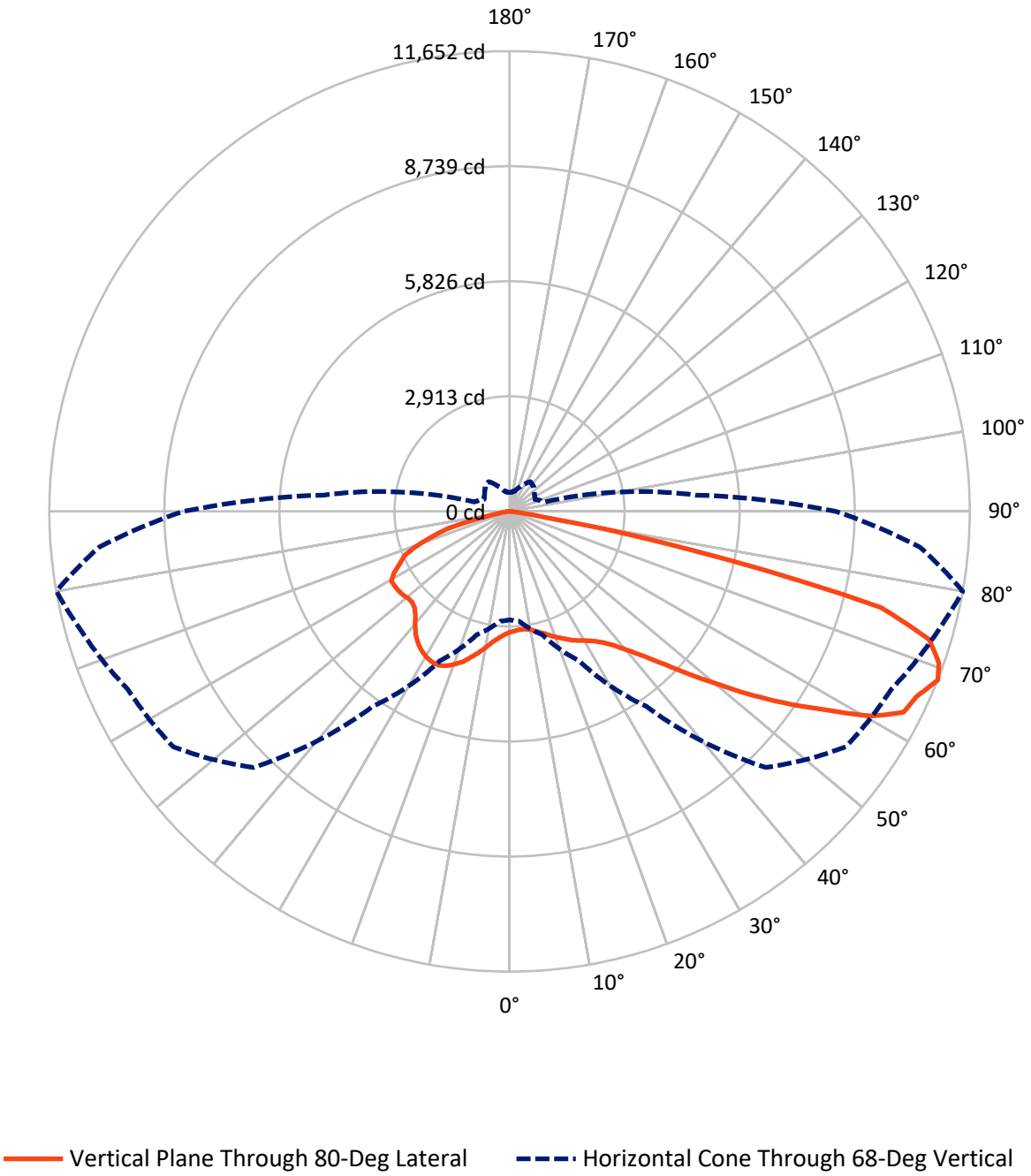
Based on 20 foot mounting height. Maximum calculated value = 8.6 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366430
CATALOG NUMBER: GSS-SB2D-740-U-T3R

Luminous Intensity Polar Plot



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

Scaled Data Report

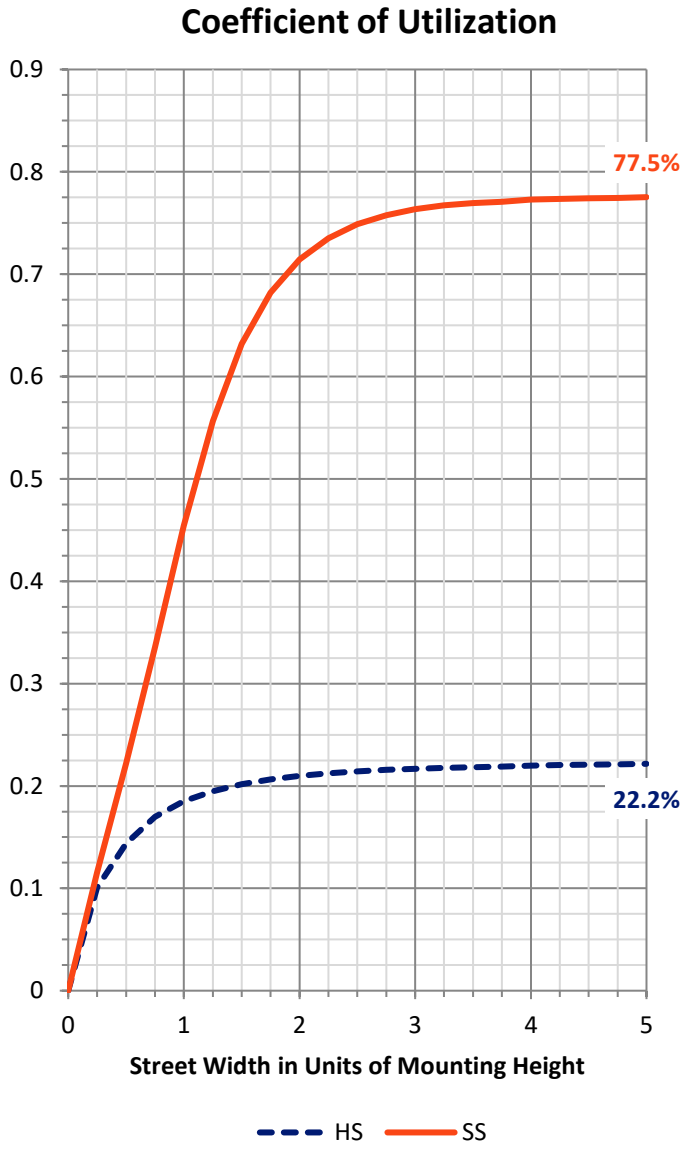
REPORT NUMBER: P1366430
CATALOG NUMBER: GSS-SB2D-740-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4467.4	0.0	4467.4
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	15524.3	0.0	15524.3
	% Fixture	77.7	0.0	77.7
Total	Lumens	19991.7	0.0	19991.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	295.6	1.5
10°-20°	844.0	4.2
20°-30°	1391.7	7.0
30°-40°	2136.6	10.7
40°-50°	3298.9	16.5
50°-60°	4556.6	22.8
60°-70°	4670.1	23.4
70°-80°	2644.9	13.2
80°-90°	153.3	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°	19991.7	100.0
0°-180°	19991.7	100.0



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

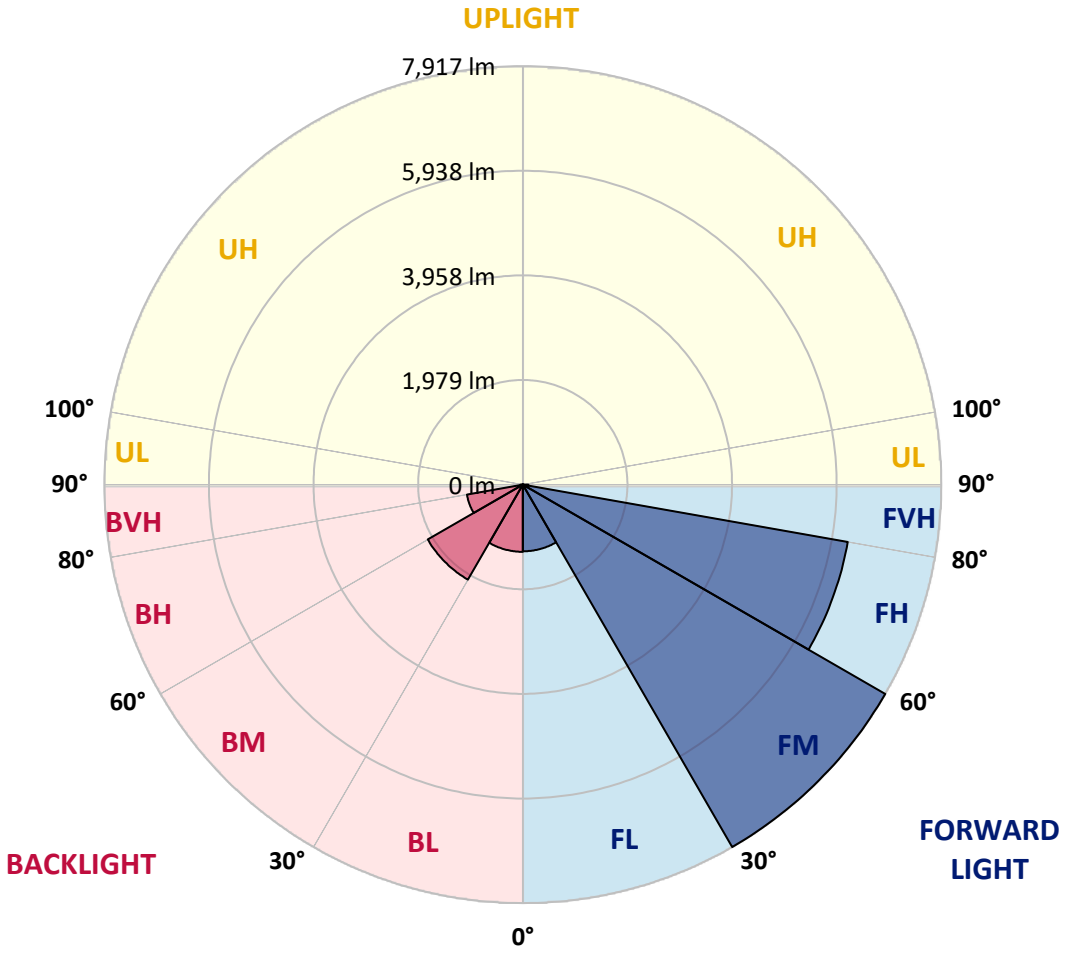
Scaled Data Report

REPORT NUMBER: P1366430
CATALOG NUMBER: GSS-SB2D-740-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1260.4	6.3			
FM	(30°-60°)	7916.9	39.6			
FH	(60°-80°)	6241.4	31.2			G3/7500
FVH	(80°-90°)	105.7	0.5			G2/225
BL	(0°-30°)	1270.9	6.4	B3/2500		
BM	(30°-60°)	2075.2	10.4	B2/2500		
BH	(60°-80°)	1073.6	5.4	B3/2500		G3/2500
BVH	(80°-90°)	47.6	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: P1366430
CATALOG NUMBER: GSS-SB2D-740-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	*3054.1*	3054.1
2.5°	2839.6	2830.3	2825.6	2834.9	2848.9	2876.9	2909.5	2932.8	2988.8	*3021.4*	3049.4
5°	2690.4	2685.7	2685.7	2709.0	2732.4	2765.0	2811.6	2853.6	2937.5	*3002.8*	3049.4
7.5°	2513.2	2508.5	2508.5	2559.8	2606.5	2681.1	2755.7	2825.6	2928.2	*3012.1*	3086.7
10°	2326.7	2326.7	2336.0	2401.3	2480.6	2587.8	2713.7	2820.9	2951.5	*3049.4*	3152.0
12.5°	2247.4	2242.8	2247.4	2308.0	2387.3	2531.9	2676.4	2839.6	2998.1	*3124.0*	3245.2
15°	2266.1	2256.8	2247.4	2298.7	2359.3	2503.9	2676.4	2876.9	3077.4	*3198.6*	3366.5
17.5°	2364.0	2359.3	2331.4	2345.3	2387.3	2517.9	2699.7	2932.8	3156.7	*3301.2*	3483.0
20°	2555.2	2541.2	2499.2	2475.9	2480.6	2564.5	2741.7	3007.5	3231.3	*3403.8*	3608.9
22.5°	2872.2	2862.9	2793.0	2699.7	2639.1	2662.4	2816.3	3091.4	3333.8	*3497.0*	3753.5
25°	3291.9	3268.6	3161.3	3012.1	2872.2	2820.9	2909.5	3203.3	3431.8	*3608.9*	3888.7
27.5°	3739.5	3744.2	3646.2	3422.4	3180.0	3007.5	3030.8	3315.2	3543.7	*3702.2*	4005.3
30°	4261.7	4238.4	4131.2	3898.0	3543.7	3254.6	3156.7	3422.4	3646.2	*3795.4*	4145.2
32.5°	4951.8	4956.5	4765.3	4406.3	3963.3	3557.7	3319.9	3534.3	3762.8	*3916.7*	4317.7
35°	5786.4	5767.8	5539.3	5105.7	4504.2	3907.4	3529.7	3678.9	3902.7	*4075.2*	4518.2
37.5°	6532.5	6481.2	6346.0	5931.0	5184.9	4383.0	3814.1	3870.1	4121.8	*4303.7*	4816.6
40°	7199.2	7175.9	7152.6	6835.5	5963.6	4975.1	4187.1	4163.8	4392.3	*4630.1*	5184.9
42.5°	7749.4	7744.8	7754.1	7684.2	6914.8	5716.5	4709.3	4546.1	4774.6	*5017.1*	5618.6
45°	8150.4	8141.1	8239.0	8383.6	7842.7	6602.4	5324.8	5021.7	5259.5	*5534.6*	6168.8
47.5°	8579.4	8584.1	8719.3	8961.7	8747.3	7483.7	6024.2	5613.9	5828.4	*6178.1*	6826.2
50°	8747.3	8747.3	9069.0	9414.0	9474.6	8420.9	6858.9	6318.0	6537.1	*6910.1*	7488.3
52.5°	8383.6	8453.5	9017.7	9665.8	9950.2	9288.1	7740.1	7082.7	7269.2	*7749.4*	8145.8
55°	6350.6	6597.7	8626.0	9544.6	10127.4	9968.9	8616.7	7931.3	8136.4	*8612.0*	8821.9
57.5°	5483.4	5548.6	6765.6	9120.3	9903.6	10337.2	9428.0	8835.8	9022.4	*9488.6*	9525.9
60°	4821.2	4909.8	5655.9	8402.2	9460.6	10299.9	10104.1	9670.5	9931.6	*10523.7*	10239.3
62.5°	3907.4	4000.6	4630.1	6714.3	8877.8	10038.8	10631.0	10458.5	10705.6	*11199.8*	10533.1
65°	3441.1	3473.7	3926.0	5147.6	7805.4	9815.0	10901.4	10794.2	10901.4	*11316.4*	10383.9
67.5°	2867.6	2932.8	3371.1	4369.0	6304.0	9339.4	10500.4	10654.3	11185.9	*11596.2*	10495.8
68°	*2746.3*	*2793.0*	*3240.6*	*4177.8*	*6024.2*	*9166.9*	*10393.2*	*10663.6*	*11297.8*	*11652.1*	*10435.2*
70°	2242.8	2308.0	2704.4	3501.7	5049.7	7339.1	9973.5	10845.5	11377.0	*11535.6*	10104.1
72.5°	1109.7	1226.3	1865.1	2471.2	3646.2	5306.2	8742.6	10612.3	11213.8	*11115.9*	9404.7
75°	391.7	419.6	871.9	1338.2	1767.2	3436.4	6182.8	9675.1	10281.3	*9707.8*	7884.6
77.5°	279.8	303.1	494.2	676.1	727.4	1725.2	3963.3	6397.2	6080.2	*4709.3*	3590.3
80°	219.1	237.8	368.4	377.7	363.7	606.2	1352.2	1939.7	1366.2	*857.9*	620.1
82.5°	135.2	163.2	275.1	228.5	167.9	191.2	317.1	522.2	373.0	*237.8*	191.2
85°	51.3	65.3	125.9	88.6	56.0	74.6	107.2	139.9	107.2	*79.3*	69.9
87.5°	4.7	4.7	9.3	9.3	14.0	18.7	28.0	37.3	42.0	*42.0*	42.0
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

Scaled Data Report

REPORT NUMBER: P1366430
CATALOG NUMBER: GSS-SB2D-740-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1	3054.1
2.5°	3068.1	3082.1	3142.7	3175.3	3235.9	3282.6	3310.5	3324.5	3338.5	3347.8	3343.2
5°	3100.7	3142.7	3259.2	3347.8	3417.8	3464.4	3487.7	3506.4	3511.0	3520.3	3515.7
7.5°	3161.3	3226.6	3403.8	3506.4	3567.0	3585.6	3567.0	3557.7	3543.7	3529.7	3529.7
10°	3259.2	3361.8	3571.6	3646.2	3650.9	3622.9	3562.3	3492.4	3441.1	3422.4	3413.1
12.5°	3385.1	3529.7	3744.2	3762.8	3702.2	3571.6	3399.1	3254.6	3161.3	3091.4	3086.7
15°	3539.0	3706.9	3893.4	3837.4	3664.9	3389.8	3105.4	2900.2	2793.0	2732.4	2704.4
17.5°	3697.5	3912.0	4028.6	3874.7	3511.0	3063.4	2723.0	2559.8	2461.9	2429.3	2406.0
20°	3874.7	4079.9	4121.8	3818.8	3231.3	2699.7	2392.0	2289.4	2289.4	2280.1	2270.7
22.5°	4056.6	4252.4	4173.1	3664.9	2862.9	2340.7	2154.2	2191.5	2256.8	2275.4	2275.4
25°	4224.4	4401.6	4173.1	3389.8	2424.6	2046.9	2060.9	2149.5	2233.4	2280.1	2280.1
27.5°	4387.6	4494.9	4089.2	3002.8	2028.3	1897.7	1981.7	2088.9	2224.1	2294.1	2298.7
30°	4550.8	4564.8	3940.0	2508.5	1743.9	1790.5	1888.4	2028.3	2177.5	2266.1	2275.4
32.5°	4723.3	4630.1	3730.2	2019.0	1613.3	1687.9	1804.5	1916.4	2032.9	2098.2	2102.9
35°	4919.2	4690.7	3459.7	1641.3	1529.4	1618.0	1706.6	1743.9	1776.5	1813.8	1837.1
37.5°	5133.6	4770.0	3105.4	1450.1	1450.1	1552.7	1604.0	1529.4	1520.0	1515.4	1501.4
40°	5371.4	4853.9	2662.4	1352.2	1389.5	1482.7	1440.8	1352.2	1286.9	1217.0	1221.6
42.5°	5669.9	4961.1	2158.8	1305.6	1347.5	1426.8	1310.2	1203.0	1025.8	979.2	988.5
45°	6010.2	5096.3	1757.8	1263.6	1314.9	1375.5	1221.6	1016.5	904.6	951.2	983.8
47.5°	6369.3	5273.5	1468.8	1231.0	1300.9	1314.9	1165.7	932.5	857.9	960.5	1002.5
50°	6793.6	5436.7	1333.5	1198.3	1296.2	1296.2	1067.8	918.6	820.6	909.2	951.2
52.5°	7222.5	5595.3	1263.6	1161.0	1282.2	1291.6	1044.4	899.9	769.3	797.3	816.0
55°	7642.2	5683.8	1226.3	1109.7	1268.3	1268.3	1053.8	867.3	718.1	718.1	727.4
57.5°	8066.5	5744.5	1193.7	1049.1	1221.6	1198.3	1053.8	844.0	699.4	680.8	690.1
60°	8537.4	5781.8	1161.0	979.2	1156.4	1114.4	1049.1	825.3	676.1	648.1	652.8
62.5°	8612.0	5520.7	1100.4	904.6	1067.8	1044.4	1030.5	802.0	638.8	582.8	582.8
65°	8346.3	5129.0	1025.8	811.3	951.2	974.5	993.2	774.0	601.5	536.2	540.9
67.5°	8318.3	4835.2	946.5	727.4	797.3	885.9	946.5	727.4	545.5	489.6	484.9
68°	*8253.0*	*4728.0*	*923.2*	*708.7*	*769.3*	*867.3*	*918.6*	*708.7*	*536.2*	*480.3*	*480.3*
70°	7833.4	4261.7	783.3	624.8	680.8	708.7	806.6	629.5	480.3	433.6	438.3
72.5°	7017.4	3473.7	601.5	508.2	545.5	545.5	699.4	582.8	438.3	396.3	396.3
75°	5851.7	2746.3	456.9	401.0	382.3	443.0	568.9	526.9	387.0	354.4	340.4
77.5°	2657.7	1184.3	298.4	279.8	284.4	345.0	452.3	452.3	368.4	289.1	256.4
80°	587.5	368.4	181.8	167.9	167.9	219.1	317.1	326.4	265.8	200.5	172.5
82.5°	195.8	149.2	111.9	102.6	97.9	116.6	195.8	214.5	158.5	116.6	116.6
85°	74.6	69.9	60.6	56.0	46.6	46.6	60.6	97.9	83.9	56.0	56.0
87.5°	37.3	37.3	32.6	23.3	18.7	14.0	9.3	9.3	9.3	14.0	9.3
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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

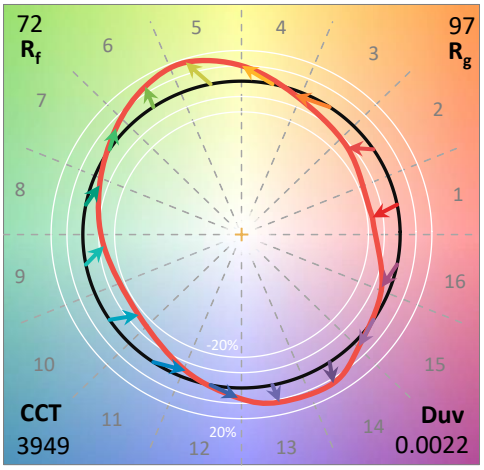
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

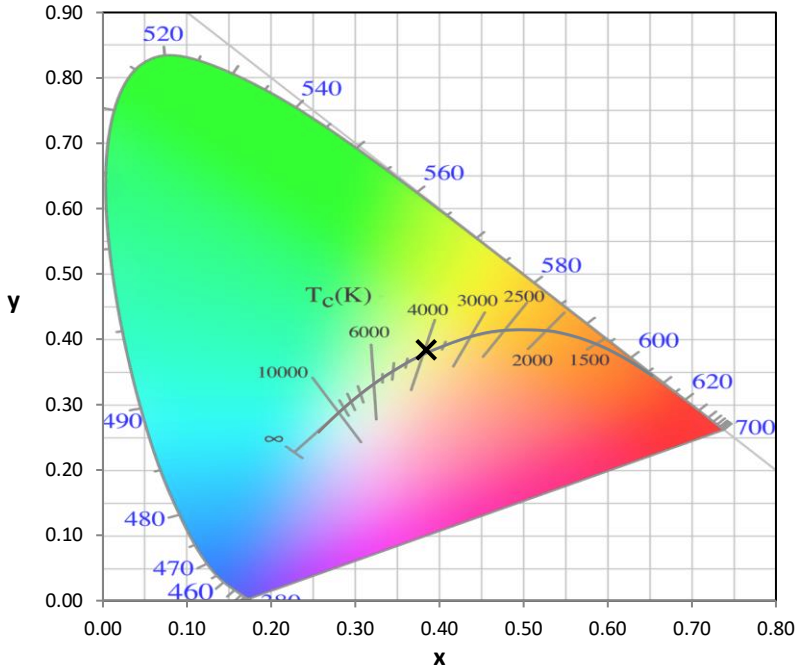
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

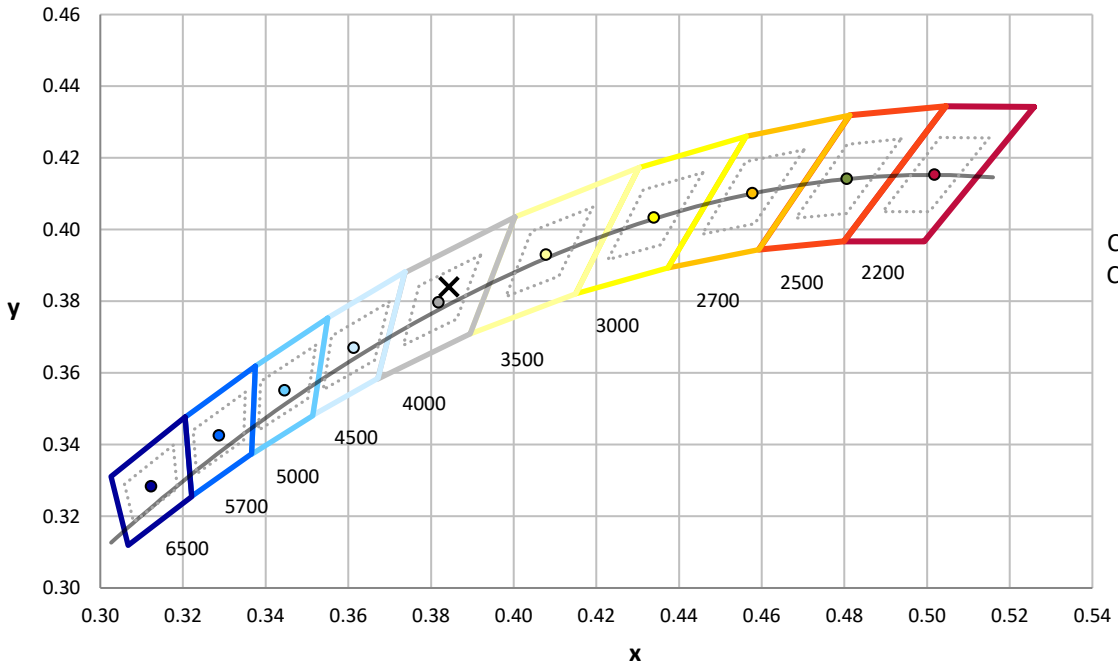
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

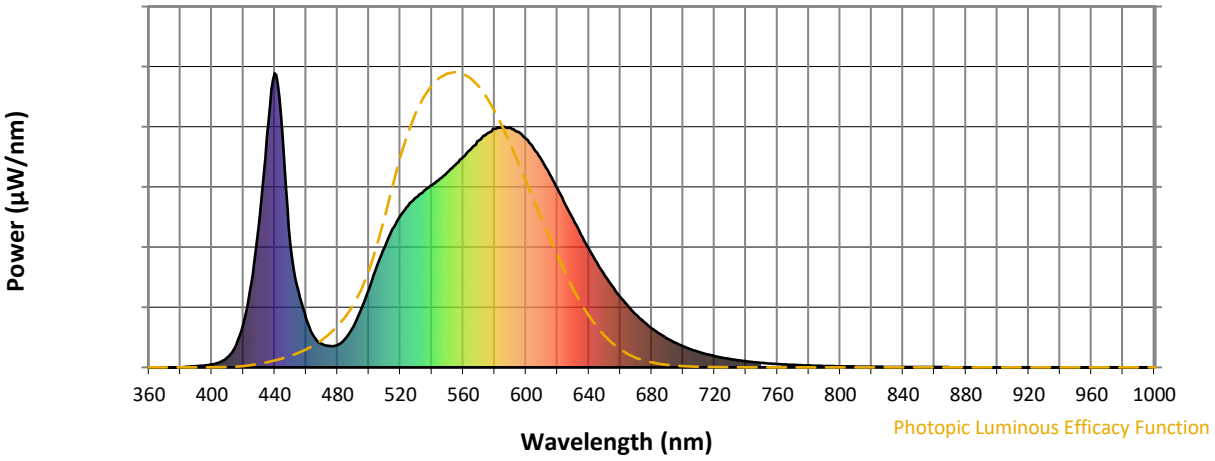


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

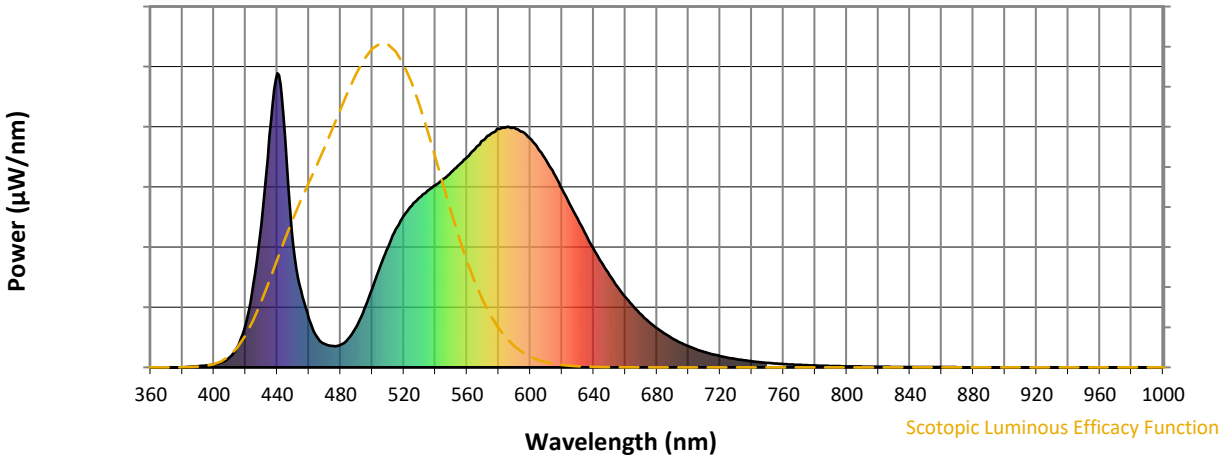


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

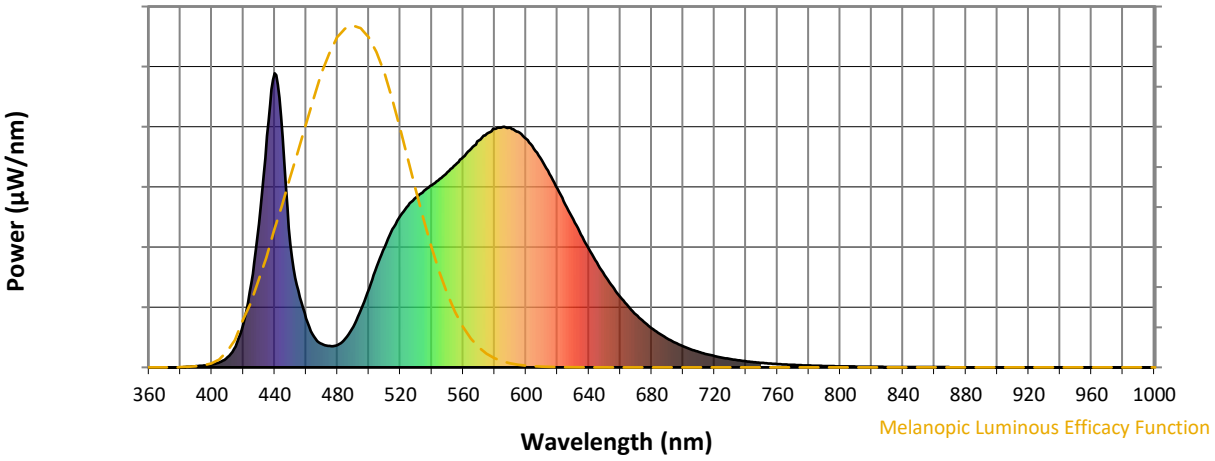


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

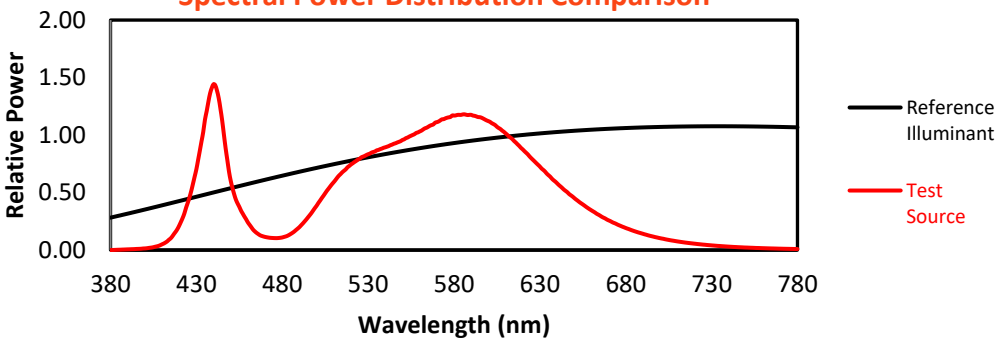
REPORT NUMBER: SP1-2407-184-1

TM-30-18

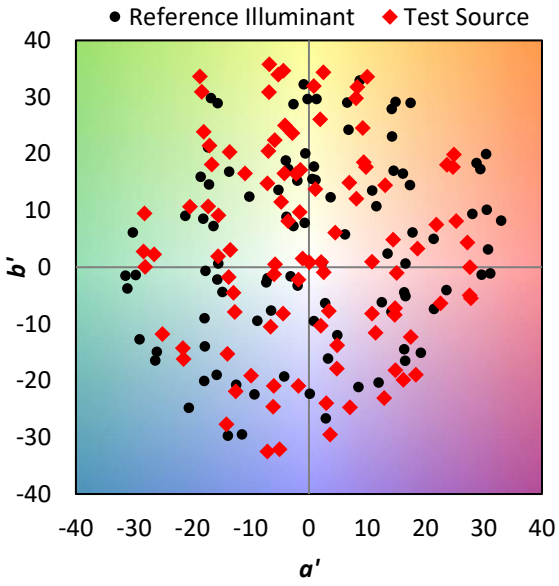
Summary

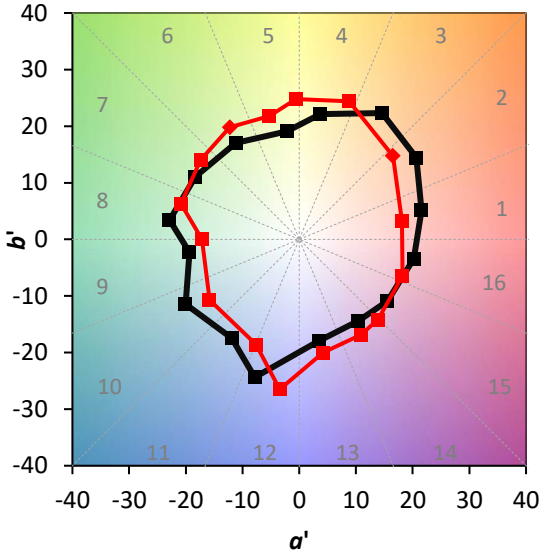
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

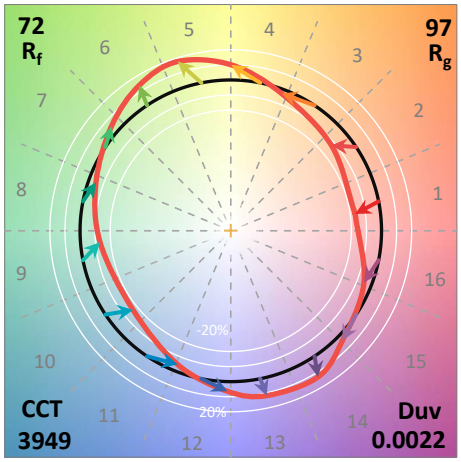
Spectral Power Distribution Comparison

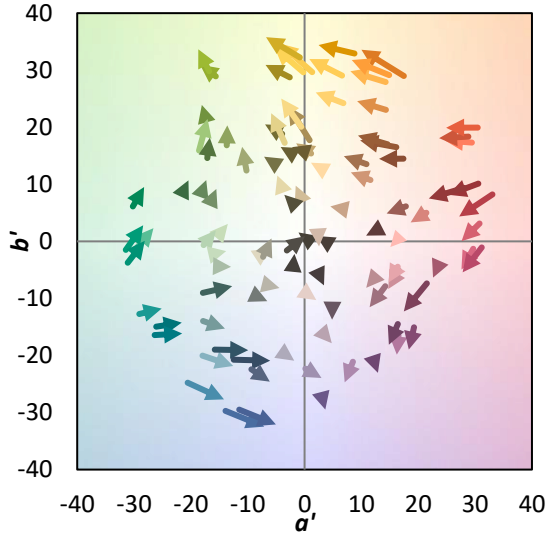


Color Vector Graphics







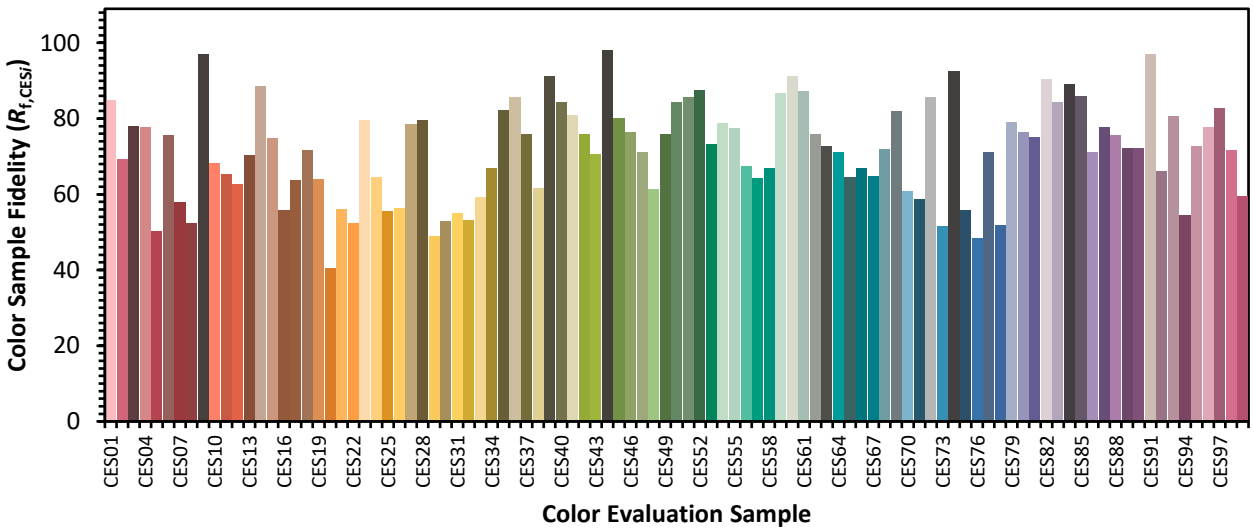


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

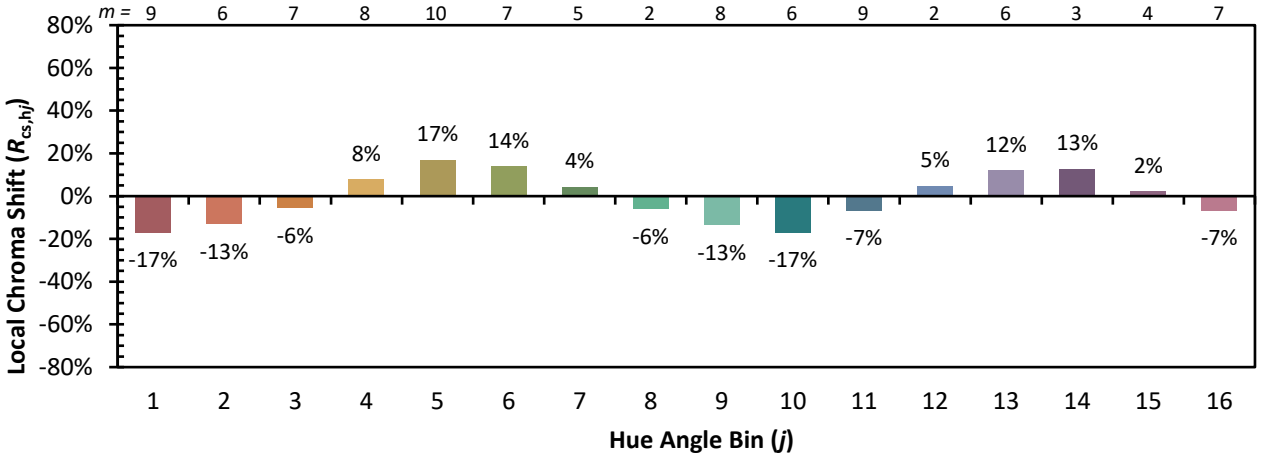
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

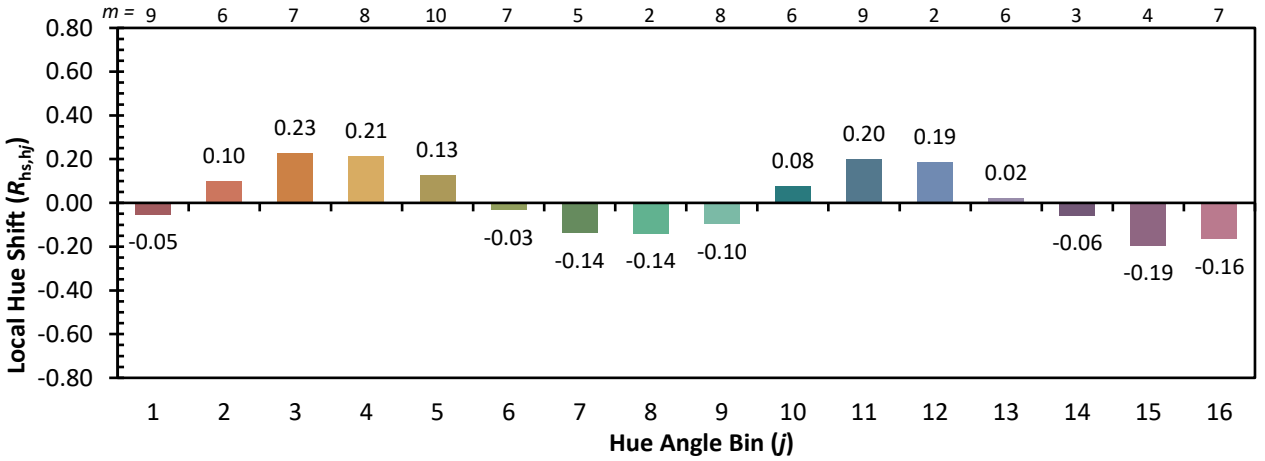


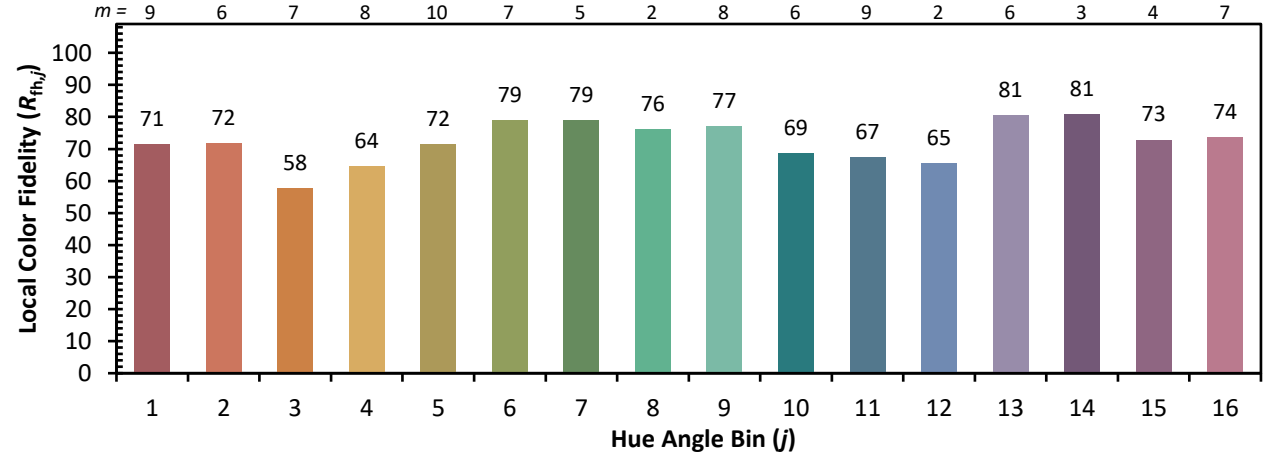
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



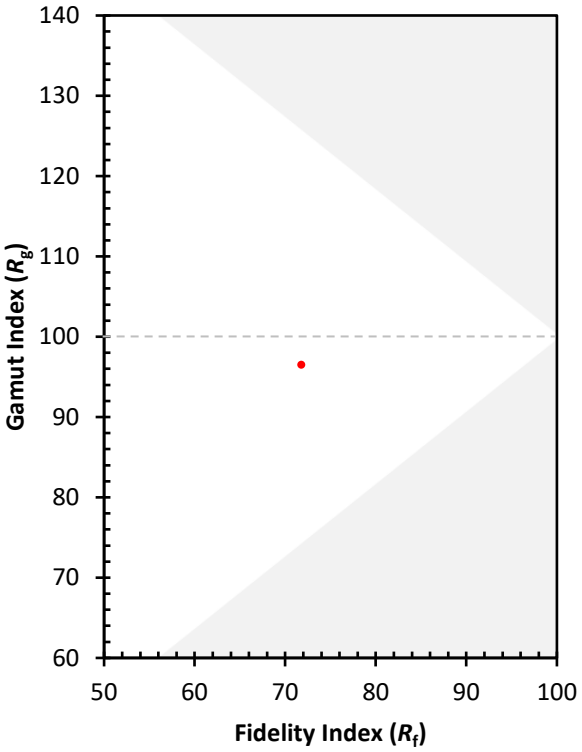


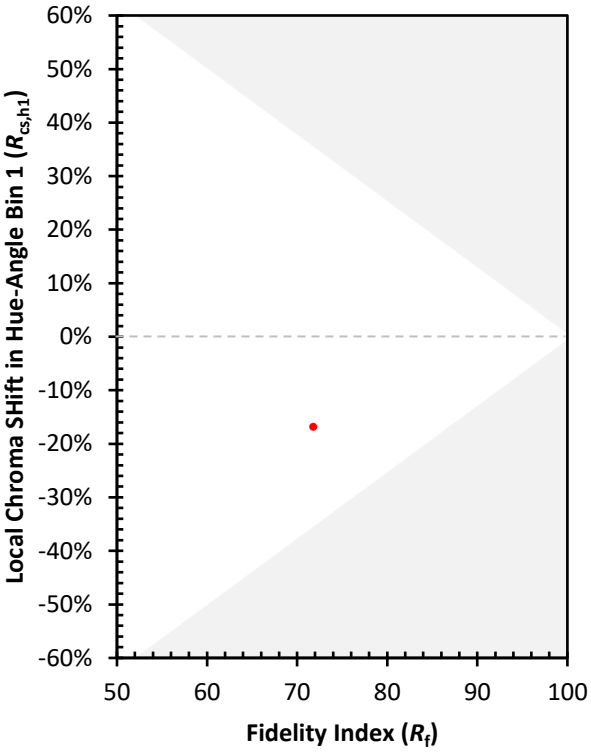


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)