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: P1359254

Luminaire Tested: **GSS-SB2D-750-U-T2**

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:	P1359254
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-750-U-T2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 70CRI 5000K FIXTURE w/ TYPE II DISTRIBUTION OPTIC
Light Source:	(52) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19565.8 lumens
Efficiency:	N/A
Efficacy:	133.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

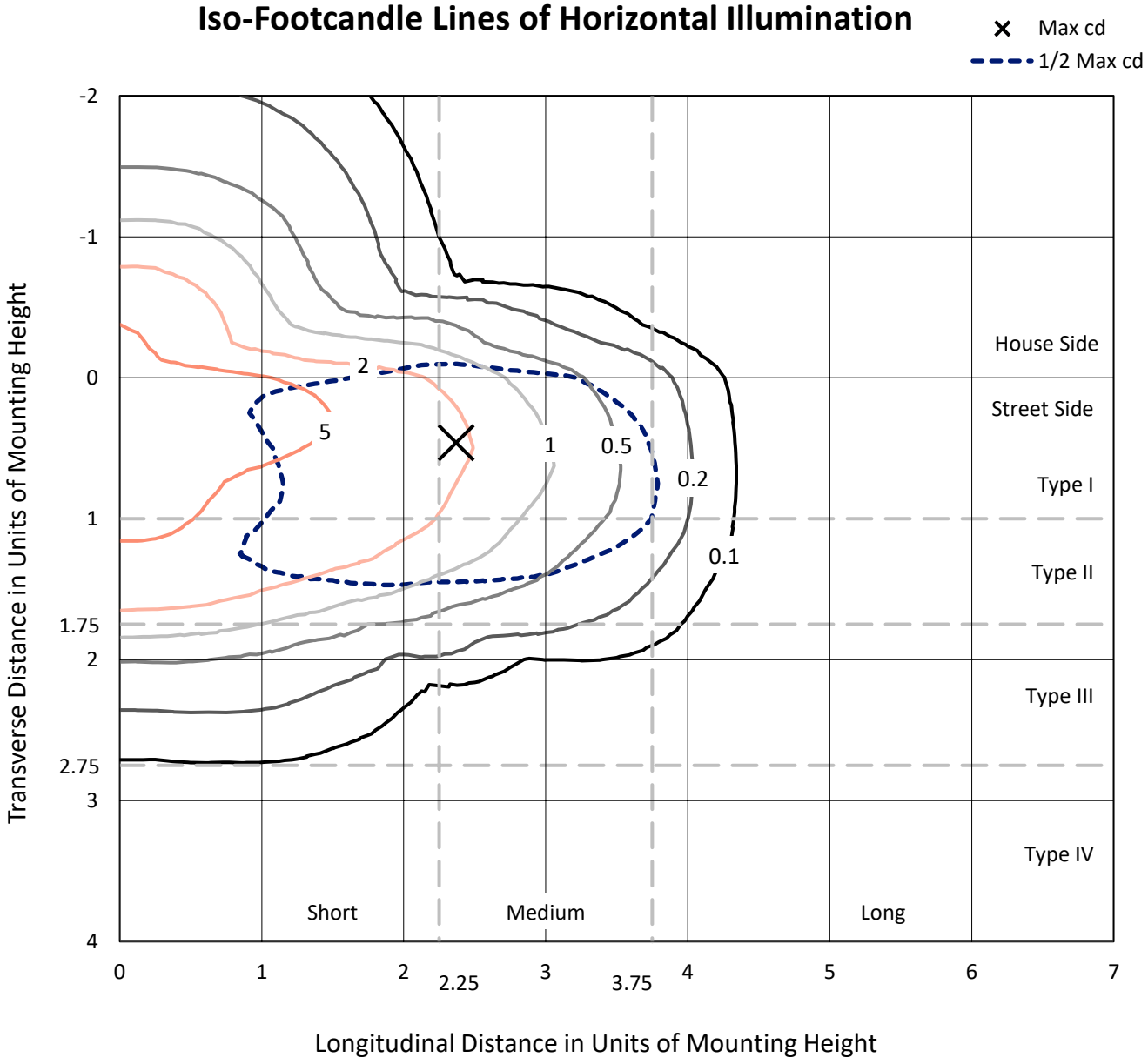
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1359254
CATALOG NUMBER: GSS-SB2D-750-U-T2

Iso-Footcandle Lines of Horizontal Illumination



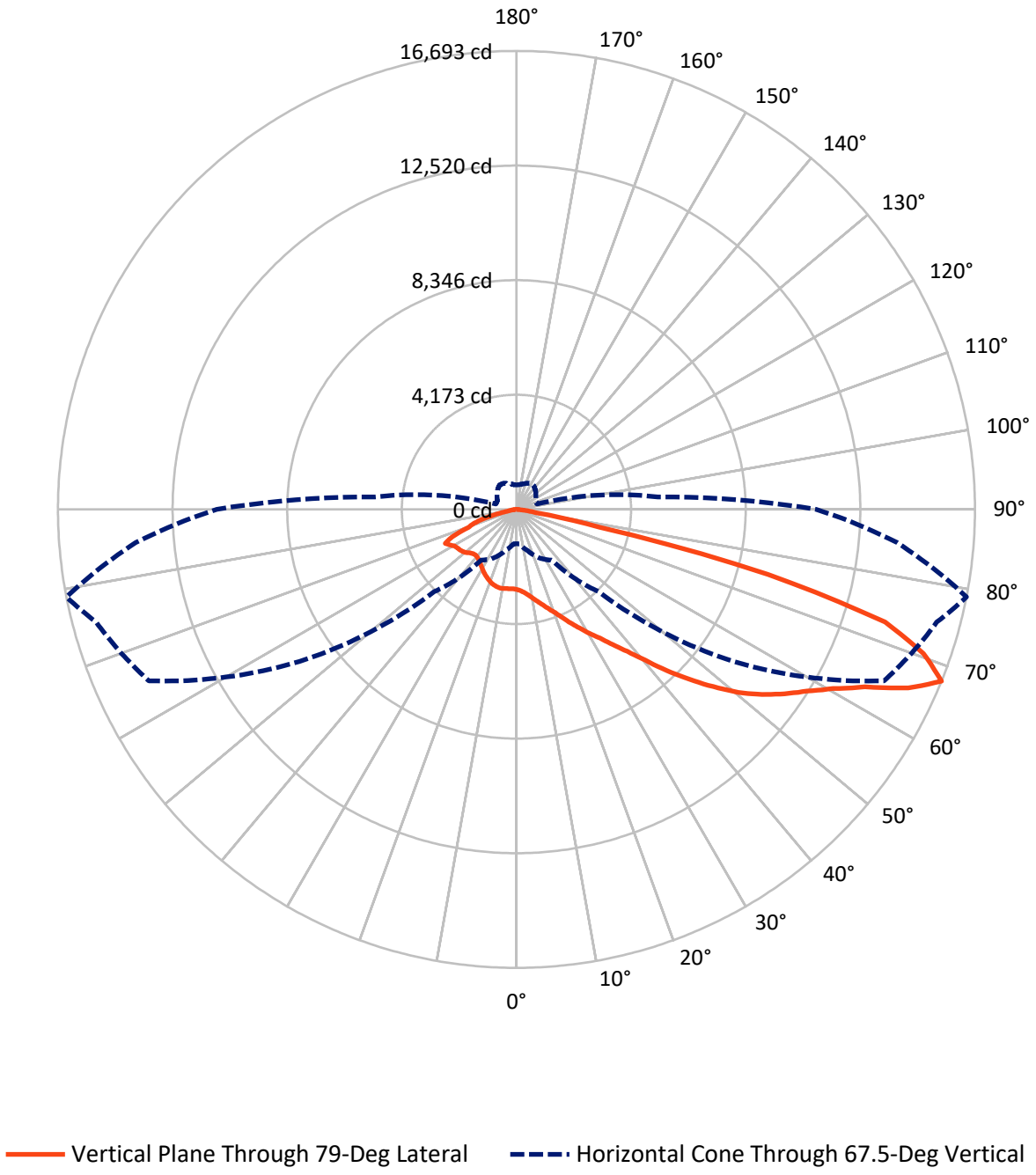
Based on 20 foot mounting height. Maximum calculated value = 8.7 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1359254
CATALOG NUMBER: GSS-SB2D-750-U-T2

Luminous Intensity Polar Plot



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

Scaled Data Report

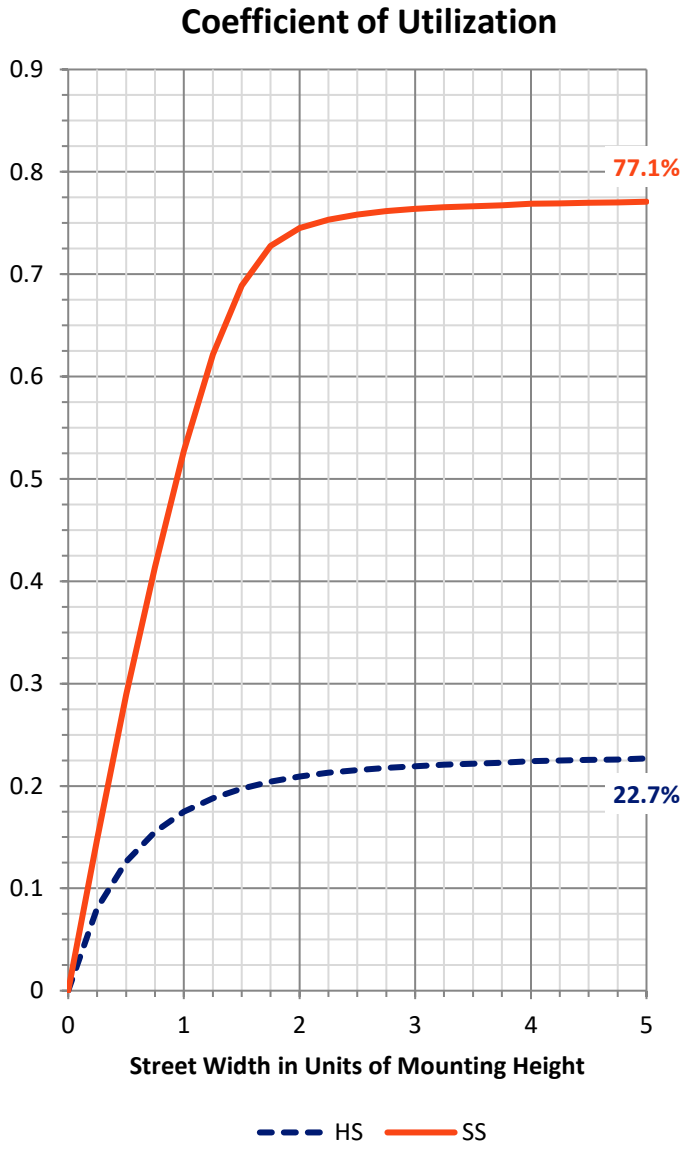
REPORT NUMBER: P1359254
CATALOG NUMBER: GSS-SB2D-750-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4483.0	0.0	4483.0
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	15082.8	0.0	15082.8
	% Fixture	77.1	0.0	77.1
Total	Lumens	19565.8	0.0	19565.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	278.9	1.4
10°-20°	839.5	4.3
20°-30°	1418.4	7.2
30°-40°	2188.2	11.2
40°-50°	3341.8	17.1
50°-60°	4620.5	23.6
60°-70°	4669.4	23.9
70°-80°	2054.3	10.5
80°-90°	154.8	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°	19565.8	100.0
0°-180°	19565.8	100.0



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

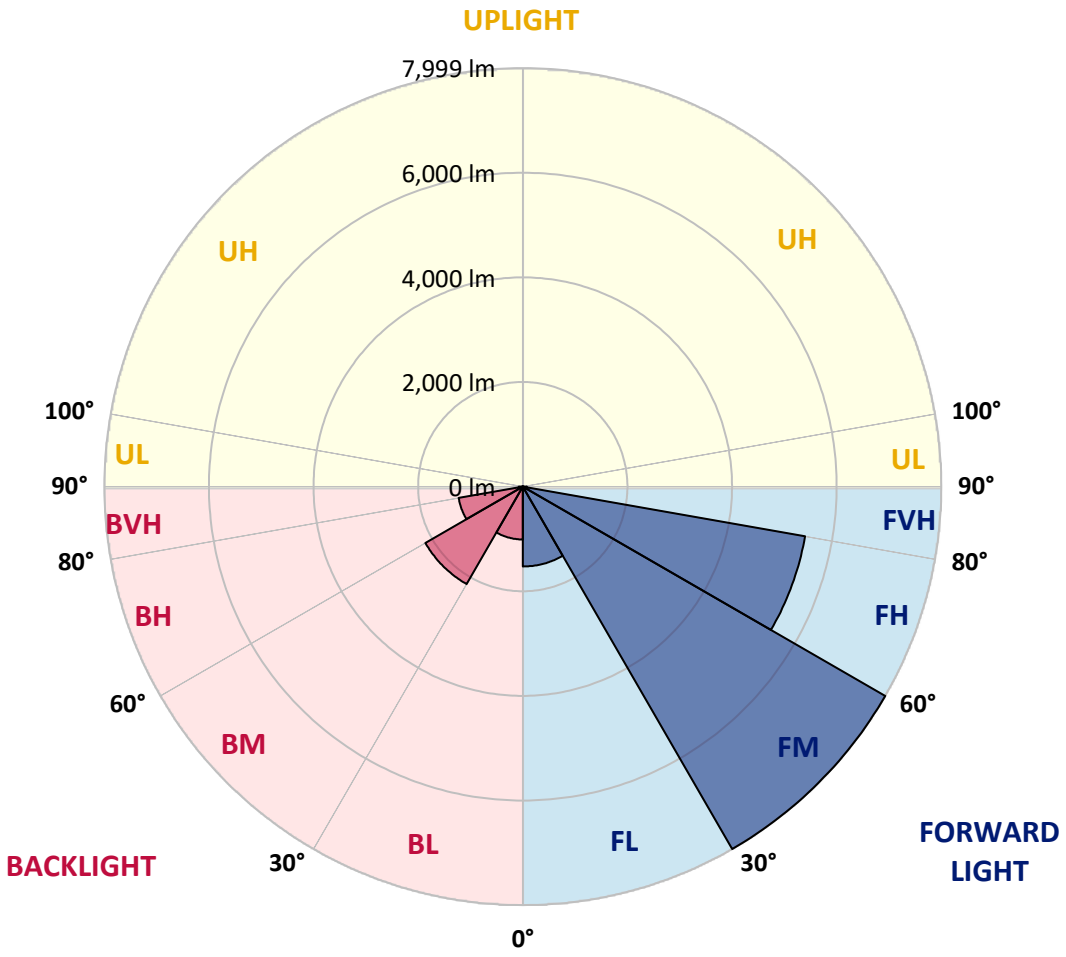
Scaled Data Report

REPORT NUMBER: P1359254
CATALOG NUMBER: GSS-SB2D-750-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1526.5	7.8			
FM	(30°-60°)	7999.4	40.9			
FH	(60°-80°)	5478.5	28.0			G3/7500
FVH	(80°-90°)	78.4	0.4			G1/100
BL	(0°-30°)	1010.3	5.2	B3/2500		
BM	(30°-60°)	2151.1	11.0	B2/2500		
BH	(60°-80°)	1245.3	6.4	B3/2500		G3/2500
BVH	(80°-90°)	76.4	0.4			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 II Medium



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

Scaled Data Report

REPORT NUMBER: P1359254
CATALOG NUMBER: GSS-SB2D-750-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	*2918.3*	2918.3
2.5°	3053.7	3101.8	3101.8	3079.9	3071.2	3066.8	3036.2	3001.3	2988.2	*2966.3*	2953.2
5°	3241.6	3241.6	3250.3	3228.5	3241.6	3224.1	3180.4	3136.7	3084.3	*3045.0*	3027.5
7.5°	3259.0	3294.0	3315.8	3315.8	3342.1	3346.4	3324.6	3276.5	3211.0	*3149.8*	3119.2
10°	3276.5	3307.1	3307.1	3342.1	3398.8	3442.5	3455.6	3438.2	3333.3	*3289.6*	3228.5
12.5°	3237.2	3272.2	3285.3	3355.2	3433.8	3516.8	3578.0	3586.7	3521.2	*3442.5*	3350.8
15°	3101.8	3132.4	3184.8	3289.6	3429.4	3556.1	3674.1	3739.6	3665.3	*3608.5*	3481.9
17.5°	2918.3	2935.8	3023.1	3158.6	3350.8	3564.9	3770.2	3896.9	3879.4	*3805.1*	3656.6
20°	2900.8	2918.3	2944.5	3045.0	3267.8	3534.3	3831.3	4076.0	4124.0	*4010.5*	3827.0
22.5°	3049.3	3066.8	3066.8	3079.9	3219.7	3508.1	3892.5	4268.2	4377.4	*4281.3*	4045.4
25°	3254.7	3289.6	3250.3	3219.7	3267.8	3525.5	3927.5	4486.7	4700.7	*4582.8*	4290.1
27.5°	3547.4	3543.0	3508.1	3416.3	3403.2	3578.0	4023.6	4657.0	5010.9	*4888.6*	4543.4
30°	3953.7	3975.5	3896.9	3704.7	3617.3	3695.9	4154.6	4796.8	5338.5	*5238.1*	4783.7
32.5°	4412.4	4403.6	4307.5	4124.0	3910.0	3888.1	4277.0	4945.4	5714.3	*5587.6*	5085.2
35°	4906.0	4897.3	4866.7	4552.2	4272.6	4154.6	4473.5	5115.7	6151.1	*6046.3*	5439.0
37.5°	5351.7	5391.0	5482.7	4975.9	4678.9	4504.1	4726.9	5399.7	6710.3	*6557.4*	5867.2
40°	5731.7	5801.6	5889.0	5430.3	5058.9	4910.4	5063.3	5862.8	7308.8	*7217.1*	6382.7
42.5°	6081.2	6129.3	6120.5	5840.9	5522.0	5356.0	5487.1	6343.3	8082.1	*8016.6*	7016.1
45°	6509.4	6561.8	6539.9	6273.4	5954.5	5806.0	6041.9	6906.9	8816.0	*8824.8*	7614.6
47.5°	6928.8	6981.2	6968.1	6723.4	6417.6	6295.3	6618.6	7570.9	9523.8	*9641.7*	8265.6
50°	7321.9	7370.0	7396.2	7243.3	6976.8	6845.7	7182.1	8195.7	10209.6	*10476.1*	8885.9
52.5°	7431.2	7492.3	7671.4	7728.2	7610.3	7453.0	7697.6	8794.2	10799.4	*11197.0*	9484.4
55°	7072.9	7177.8	7562.2	7850.5	8200.0	8217.5	8235.0	9375.2	11314.9	*11847.9*	10030.5
57.5°	6448.2	6465.7	6915.6	7501.1	8331.1	9073.8	9161.2	10052.4	11817.3	*12481.4*	10572.2
60°	5063.3	4971.6	5701.1	6692.8	7859.3	9414.5	10637.8	11100.9	12442.0	*13245.9*	11223.2
62.5°	2713.0	2721.7	3324.6	4556.5	6509.4	9082.5	11904.7	12664.8	13355.1	*14237.6*	12188.7
65°	1703.8	1769.3	2110.1	2656.2	3940.6	7217.1	11983.3	14744.3	14801.1	*15679.2*	13398.8
67.5°	*1245.1*	*1262.6*	*1550.9*	*1948.4*	*2258.6*	*4233.3*	*9646.1*	*14770.6*	*15845.3*	*16692.8*	*13914.3*
70°	926.2	934.9	1140.2	1467.9	1647.0	1983.4	6146.8	12782.8	15303.5	*15722.9*	12625.5
72.5°	677.1	681.5	790.7	1079.1	1297.5	1179.5	2887.7	9209.2	13289.6	*14036.6*	11358.6
75°	476.2	484.9	563.6	747.0	873.7	821.3	1100.9	5757.9	9541.2	*9458.2*	7933.6
77.5°	358.2	362.6	415.0	528.6	594.1	537.3	620.4	2691.1	3407.6	*3075.6*	2503.3
80°	262.1	275.2	301.4	332.0	397.6	345.1	349.5	755.8	821.3	*720.8*	646.6
82.5°	139.8	157.3	201.0	201.0	231.5	205.3	183.5	336.4	353.9	*332.0*	288.3
85°	43.7	43.7	48.1	61.2	91.7	91.7	91.7	113.6	118.0	*118.0*	100.5
87.5°	8.7	8.7	8.7	8.7	13.1	17.5	26.2	34.9	39.3	*43.7*	43.7
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: P1359254
CATALOG NUMBER: GSS-SB2D-750-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3	2918.3
2.5°	2944.5	2913.9	2883.3	2830.9	2804.7	2765.4	2730.4	2713.0	2699.9	2695.5	2695.5
5°	3001.3	2953.2	2857.1	2765.4	2682.4	2608.1	2551.3	2507.6	2481.4	2459.6	2459.6
7.5°	3058.1	2992.6	2848.4	2686.7	2568.8	2477.1	2398.4	2372.2	2363.5	2341.6	2328.5
10°	3154.2	3049.3	2835.3	2603.7	2437.7	2359.1	2324.1	2315.4	2319.8	2324.1	2324.1
12.5°	3228.5	3114.9	2800.3	2498.9	2337.3	2293.6	2297.9	2319.8	2354.7	2350.4	2341.6
15°	3333.3	3162.9	2730.4	2376.6	2258.6	2258.6	2302.3	2350.4	2385.3	2407.2	2394.0
17.5°	3455.6	3219.7	2625.6	2263.0	2193.1	2232.4	2324.1	2372.2	2433.4	2446.5	2437.7
20°	3608.5	3267.8	2507.6	2153.8	2149.4	2232.4	2311.0	2380.9	2429.0	2442.1	2450.8
22.5°	3757.1	3311.5	2354.7	2075.1	2101.3	2206.2	2280.5	2354.7	2376.6	2389.7	2394.0
25°	3910.0	3355.2	2214.9	2014.0	2066.4	2171.2	2232.4	2263.0	2267.4	2258.6	2258.6
27.5°	4076.0	3359.5	2075.1	1965.9	2027.1	2118.8	2153.8	2162.5	2145.0	2083.9	2066.4
30°	4250.7	3315.8	1961.5	1922.2	1983.4	2057.7	2083.9	2057.7	1996.5	1909.1	1900.4
32.5°	4394.9	3250.3	1878.5	1869.8	1935.3	2000.9	2000.9	1952.8	1861.1	1773.7	1769.3
35°	4613.3	3158.6	1795.5	1834.9	1891.6	1922.2	1931.0	1861.1	1760.6	1677.6	1668.8
37.5°	4827.4	3079.9	1760.6	1791.2	1843.6	1869.8	1843.6	1773.7	1708.2	1638.3	1638.3
40°	5159.4	3031.9	1716.9	1760.6	1804.3	1808.6	1760.6	1708.2	1716.9	1677.6	1673.2
42.5°	5522.0	3027.5	1699.4	1730.0	1760.6	1751.8	1681.9	1681.9	1695.1	1620.8	1603.3
45°	5937.1	3088.7	1699.4	1686.3	1703.8	1677.6	1638.3	1629.5	1598.9	1489.7	1485.4
47.5°	6369.6	3237.2	1708.2	1625.2	1620.8	1612.0	1594.6	1564.0	1472.3	1380.5	1367.4
50°	6710.3	3442.5	1734.4	1546.5	1529.0	1559.6	1529.0	1476.6	1371.8	1284.4	1271.3
52.5°	7116.6	3647.9	1716.9	1450.4	1428.6	1507.2	1476.6	1402.4	1323.7	1271.3	1258.2
55°	7544.7	3861.9	1647.0	1319.3	1336.8	1441.7	1432.9	1349.9	1253.8	1183.9	1175.2
57.5°	7972.9	4132.8	1529.0	1205.8	1271.3	1402.4	1367.4	1266.9	1201.4	1153.3	1144.6
60°	8628.2	4521.6	1358.7	1087.8	1205.8	1319.3	1262.6	1232.0	1162.1	1122.8	1100.9
62.5°	9475.7	5168.2	1135.9	978.6	1114.0	1218.9	1214.5	1179.5	1118.4	1074.7	1061.6
65°	10681.5	5784.2	930.5	873.7	996.1	1096.5	1149.0	1118.4	1057.2	1009.2	1004.8
67.5°	*10913.0*	*5168.2*	*773.3*	*764.5*	*865.0*	*978.6*	*1079.1*	*1057.2*	*961.1*	*900.0*	*891.2*
70°	9497.5	3691.5	650.9	659.7	755.8	856.3	965.5	913.1	834.4	799.5	795.1
72.5°	8431.6	3171.7	546.1	563.6	633.5	725.2	790.7	808.2	751.4	720.8	707.7
75°	6076.9	2376.6	441.2	463.1	511.1	563.6	685.9	716.5	664.0	633.5	611.6
77.5°	2254.2	991.7	327.7	349.5	384.4	458.7	554.8	620.4	581.0	602.9	541.7
80°	541.7	349.5	240.3	235.9	270.9	345.1	441.2	489.3	450.0	428.1	371.3
82.5°	235.9	170.4	157.3	157.3	166.0	227.2	292.7	345.1	336.4	279.6	266.5
85°	87.4	74.3	74.3	78.6	78.6	104.8	157.3	183.5	166.0	144.2	139.8
87.5°	39.3	39.3	30.6	26.2	21.8	21.8	26.2	17.5	13.1	8.7	8.7
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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

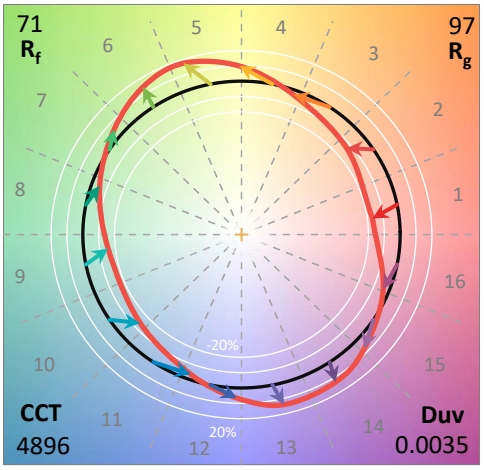
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-6
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-750-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896
CIE u':	0.2101
CIE v':	0.4901
Duv:	0.0035
CIE x:	0.3489
CIE y:	0.3618
CIE z:	0.2893
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	570
Purity:	13.25435
Rf:	70.7
Rg:	96.8

CRI (Ra):	70.2
R1:	68.1
R2:	73.9
R3:	79.4
R4:	72.1
R5:	69.2
R6:	65.7
R7:	78.1
R8:	55.3
R9:	-35.1
R10:	39.3
R11:	71.1
R12:	43.8
R13:	68.1
R14:	88.4
R15:	59.7



Test Conditions

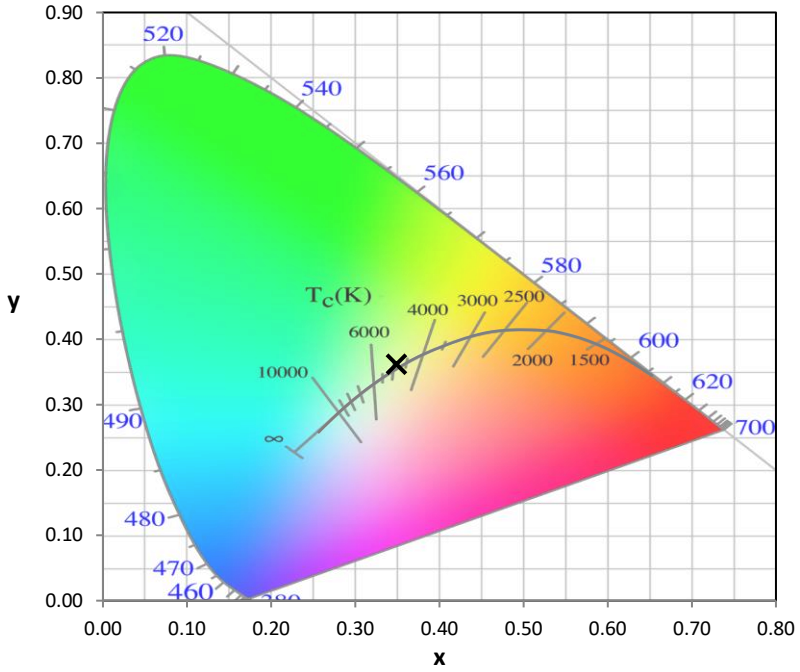
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-6

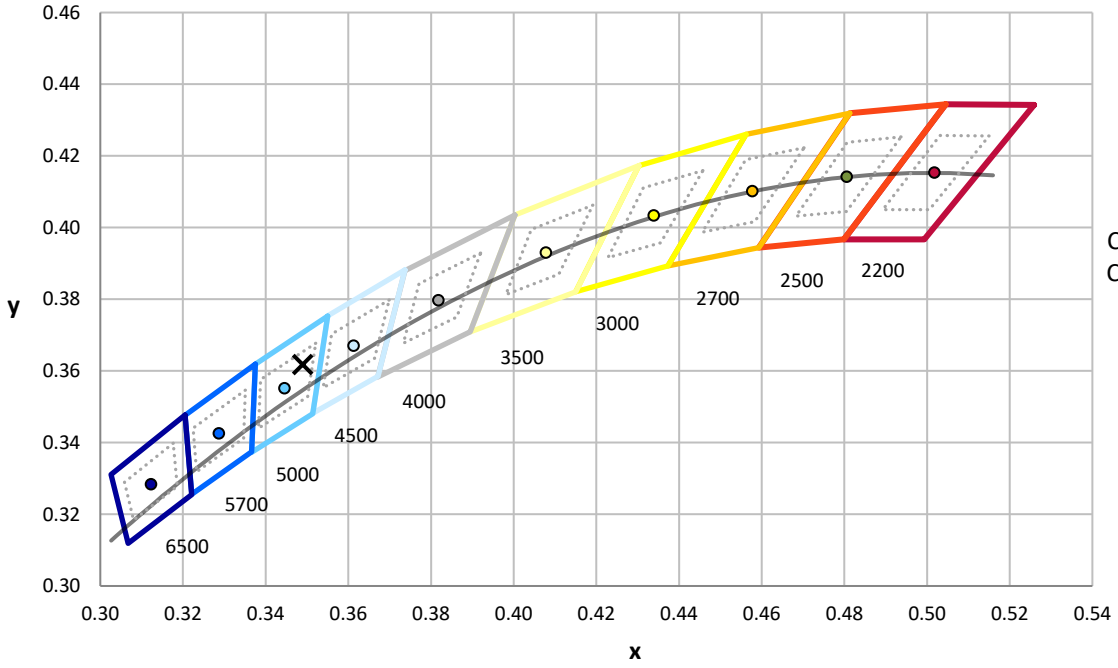
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



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

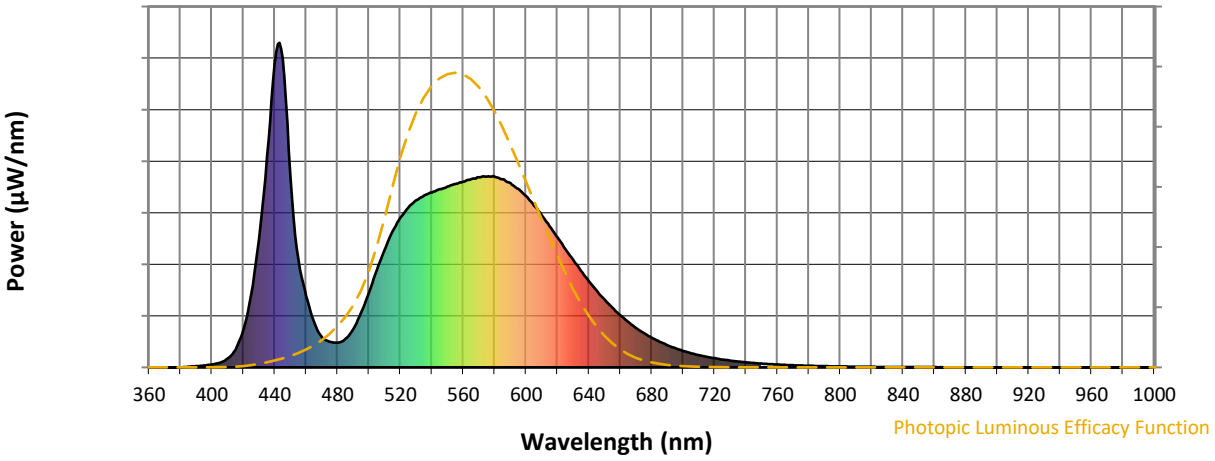


CCT = 4896K
CIE x = 0.3489
CIE y = 0.3618
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

Photopic Flux vs. Wavelength

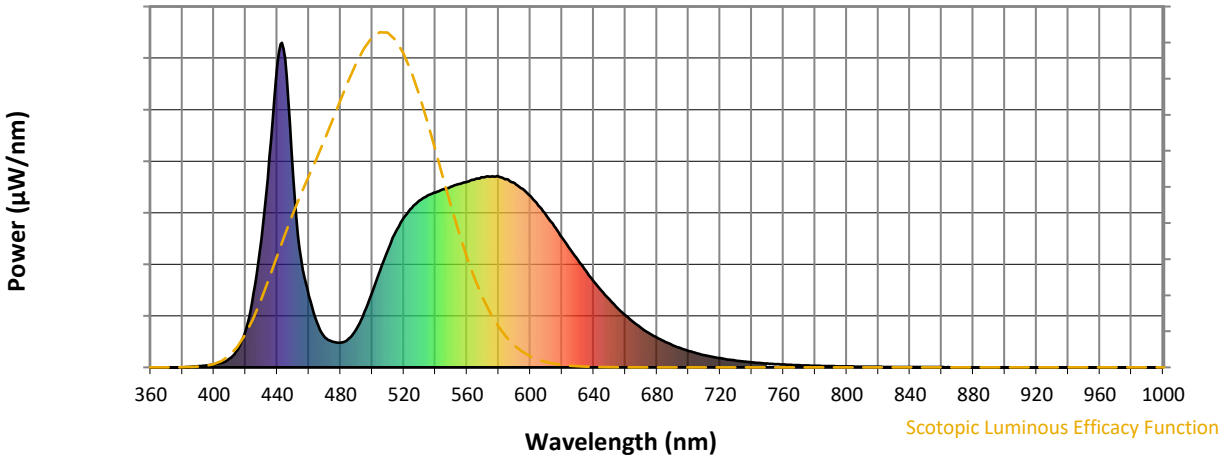


Photopic Lumens: NR

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength

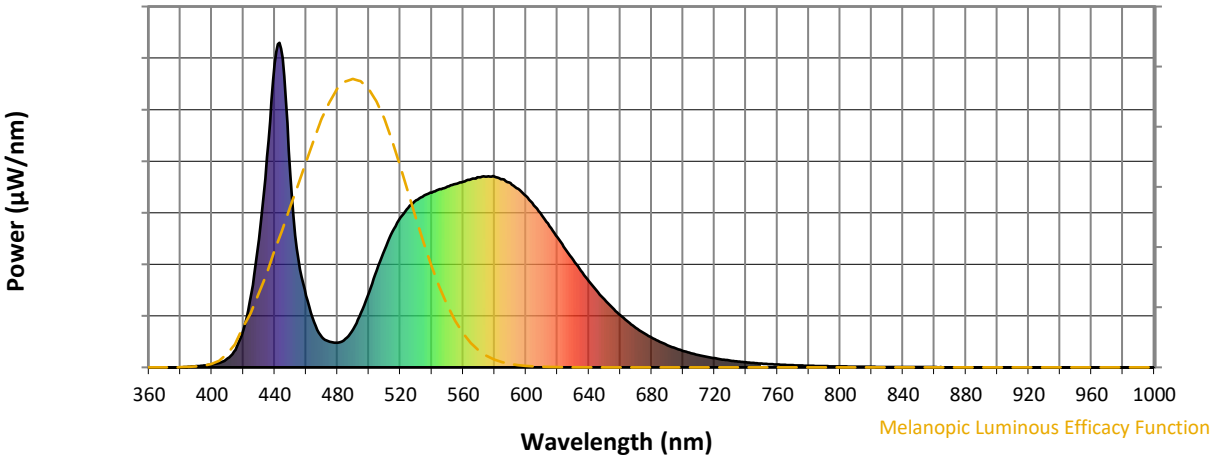


Scotopic Lumens: NR **S/P: 1.7**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.37**

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

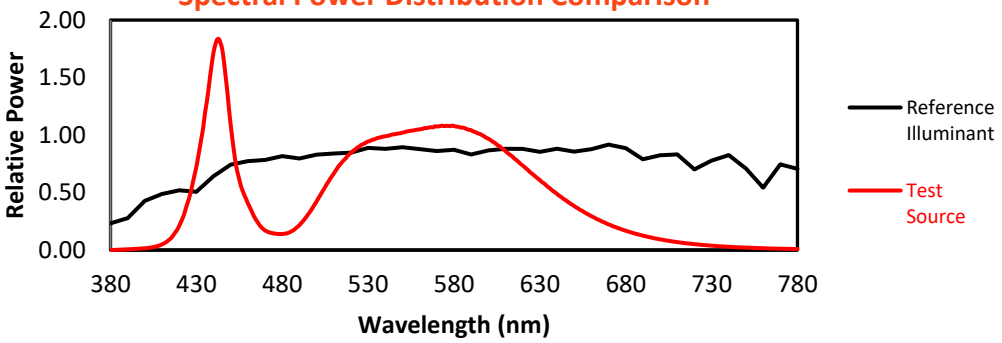
REPORT NUMBER: SP1-2407-184-6

TM-30-18

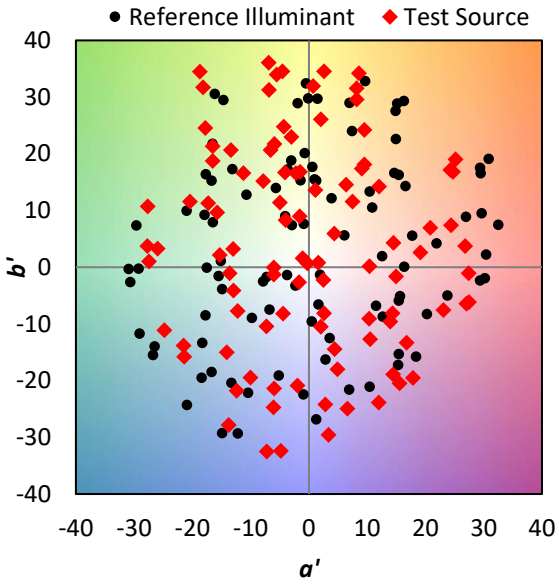
Summary

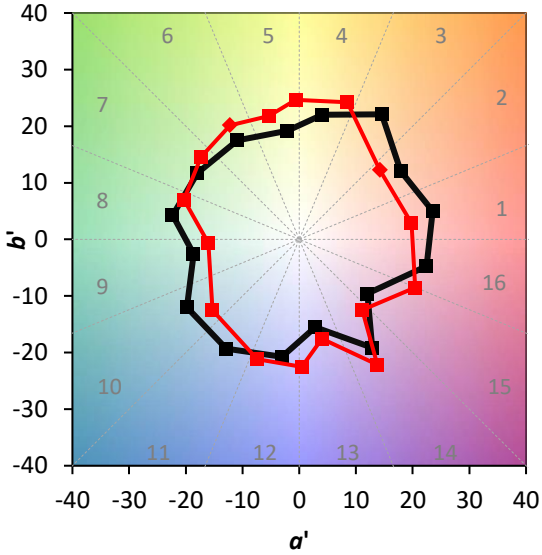
R_f = 70.7
R_g = 96.8
CIE R_a = 70.2
R_9 = -35.1

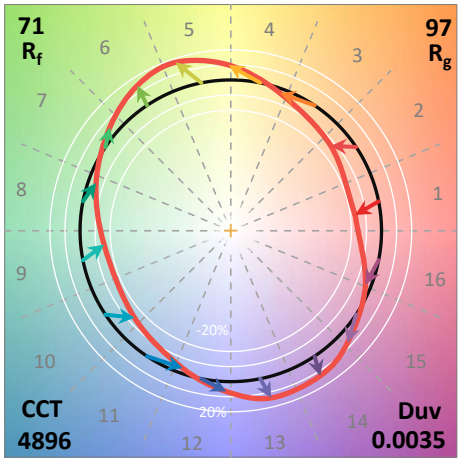
Spectral Power Distribution Comparison

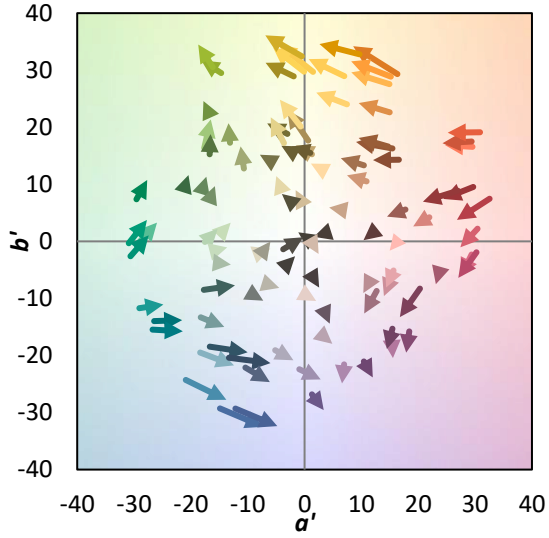


Color Vector Graphics







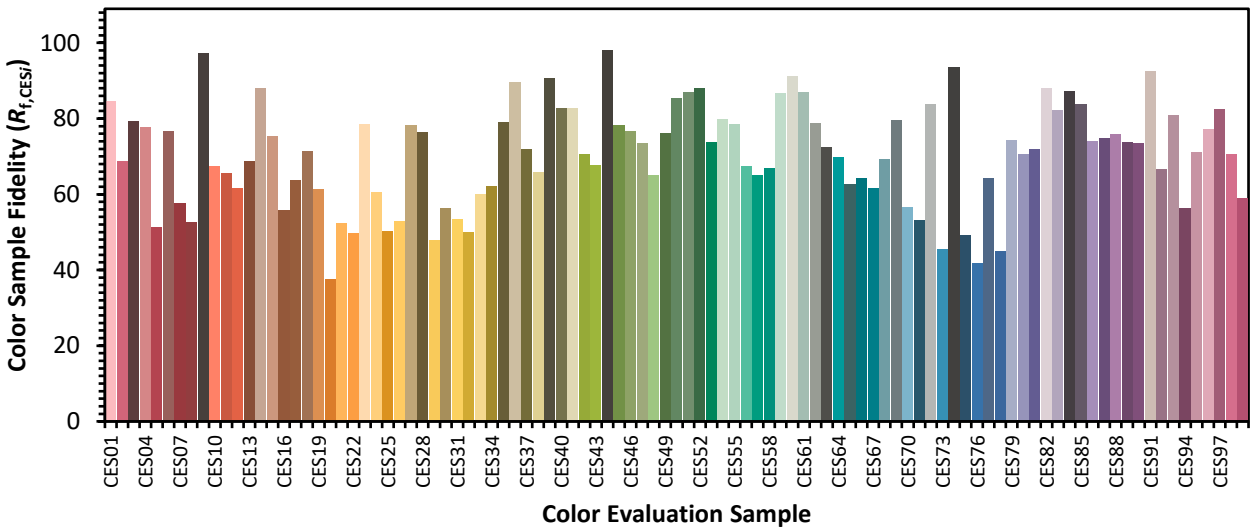


REPORT NUMBER: SP1-2407-184-6

TM-30-18

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

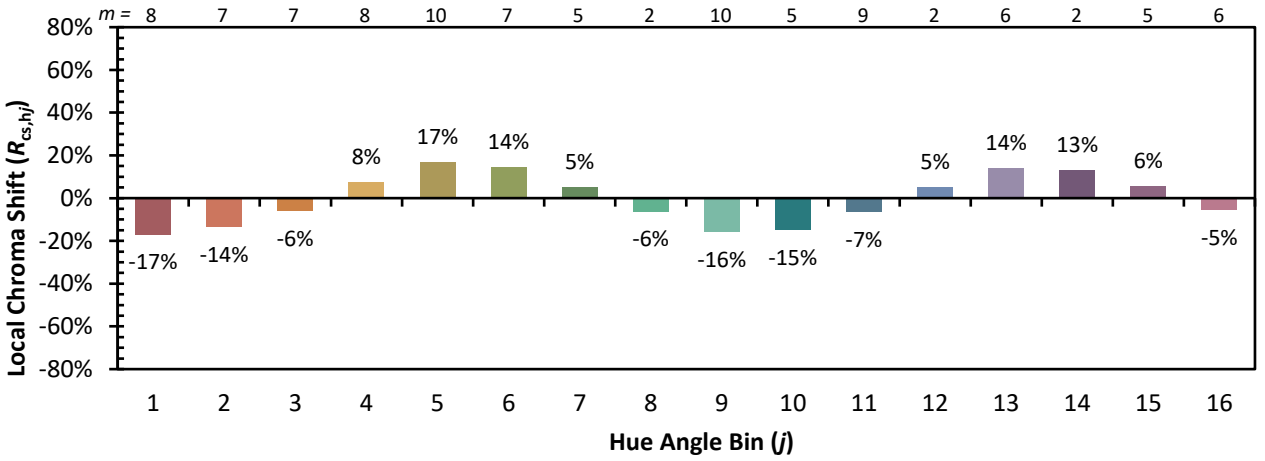
CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	

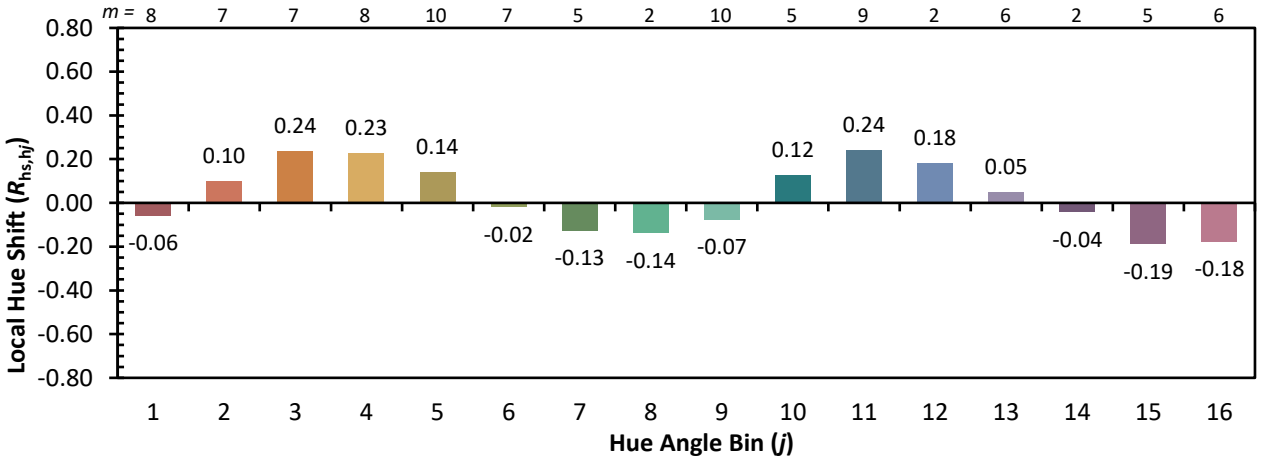


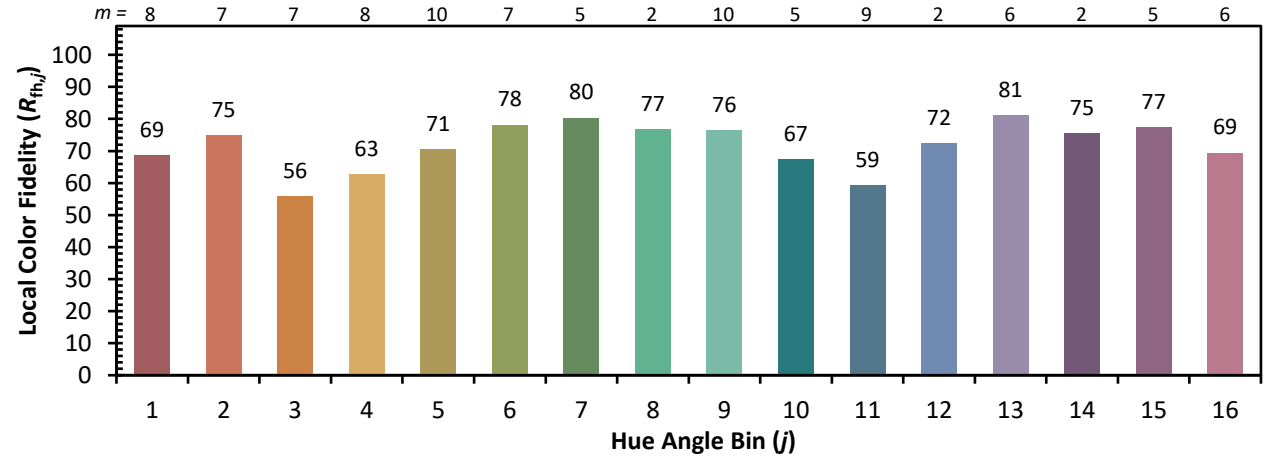
REPORT NUMBER: SP1-2407-184-6

TM-30-18

Color Rendition by Hue-Angle Bin



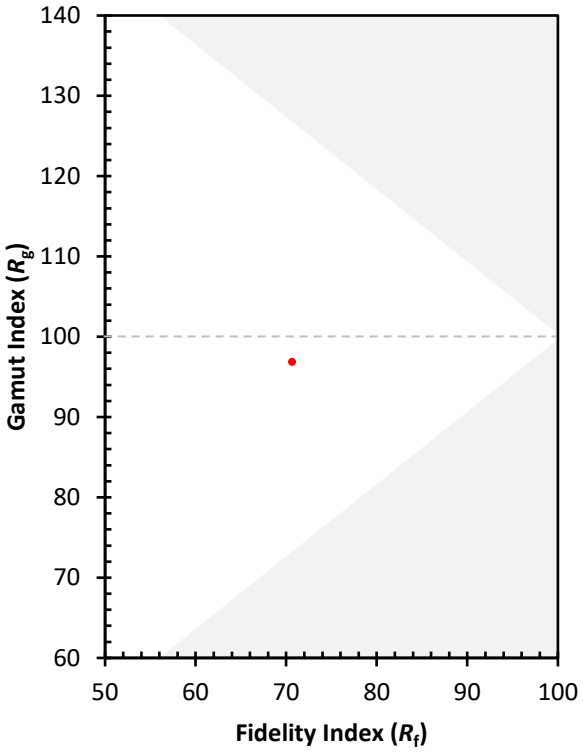


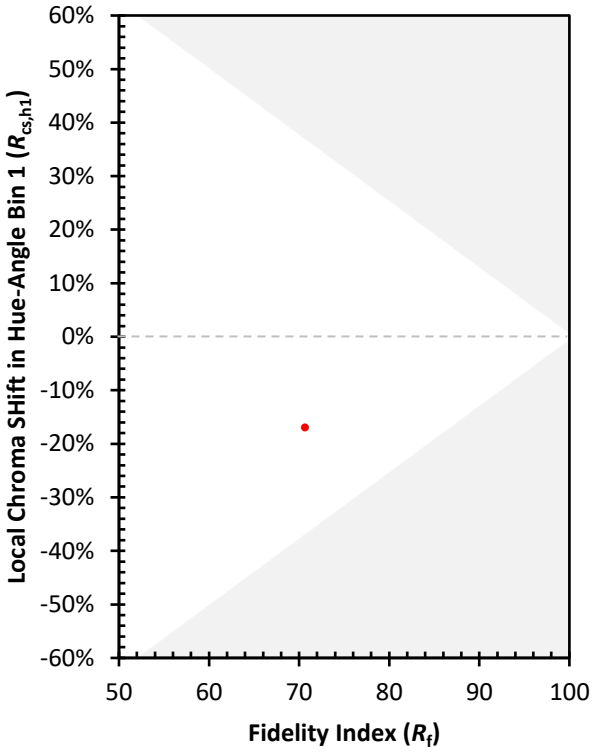


REPORT NUMBER: SP1-2407-184-6

TM-30-18

Measure Comparisons





(END OF REPORT)