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: P1364945

Luminaire Tested: **GSS-SB3C-727-U-SLL**

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:	P1364945
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3C-727-U-SLL
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 150W 70CRI 2700K FIXTURE w/ 90° Spill Light Eliminator LEFT OPTIC
Light Source:	(78) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	18325.1 lumens
Efficiency:	N/A
Efficacy:	122.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3

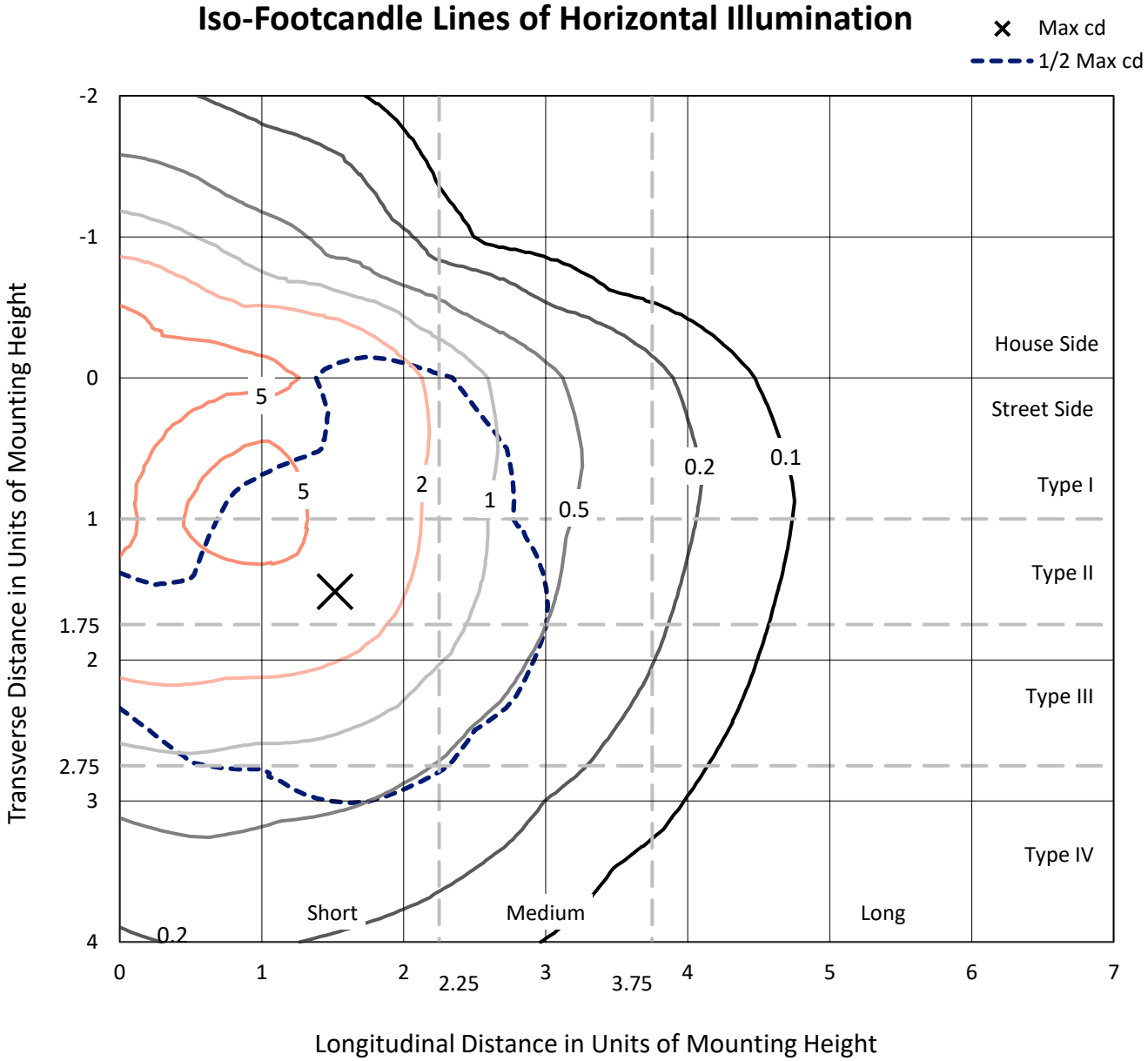
Input Watts (W):	150
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

Iso-Footcandle Lines of Horizontal Illumination



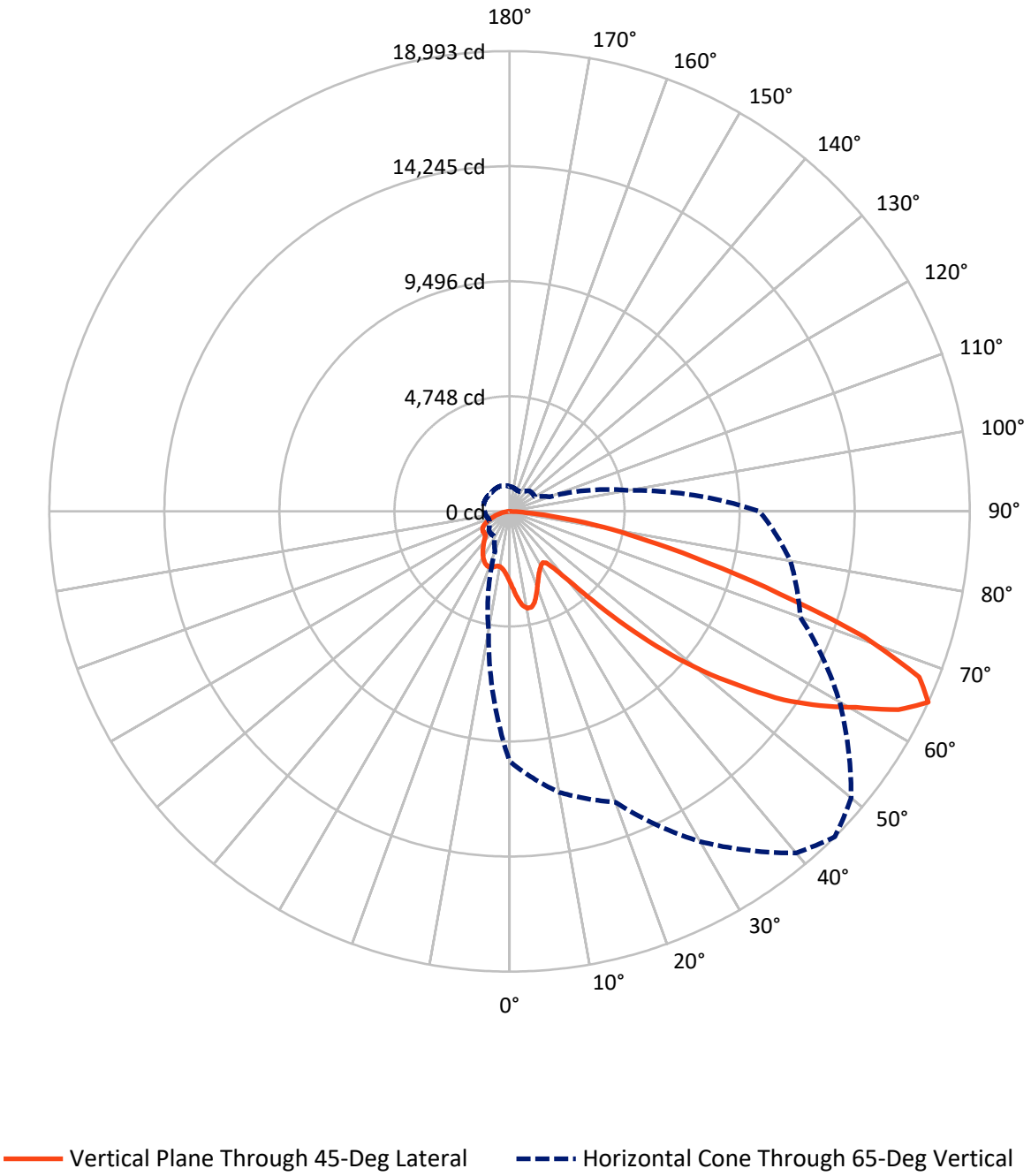
Based on 20 foot mounting height. Maximum calculated value = 9.7 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

Luminous Intensity Polar Plot



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

Scaled Data Report

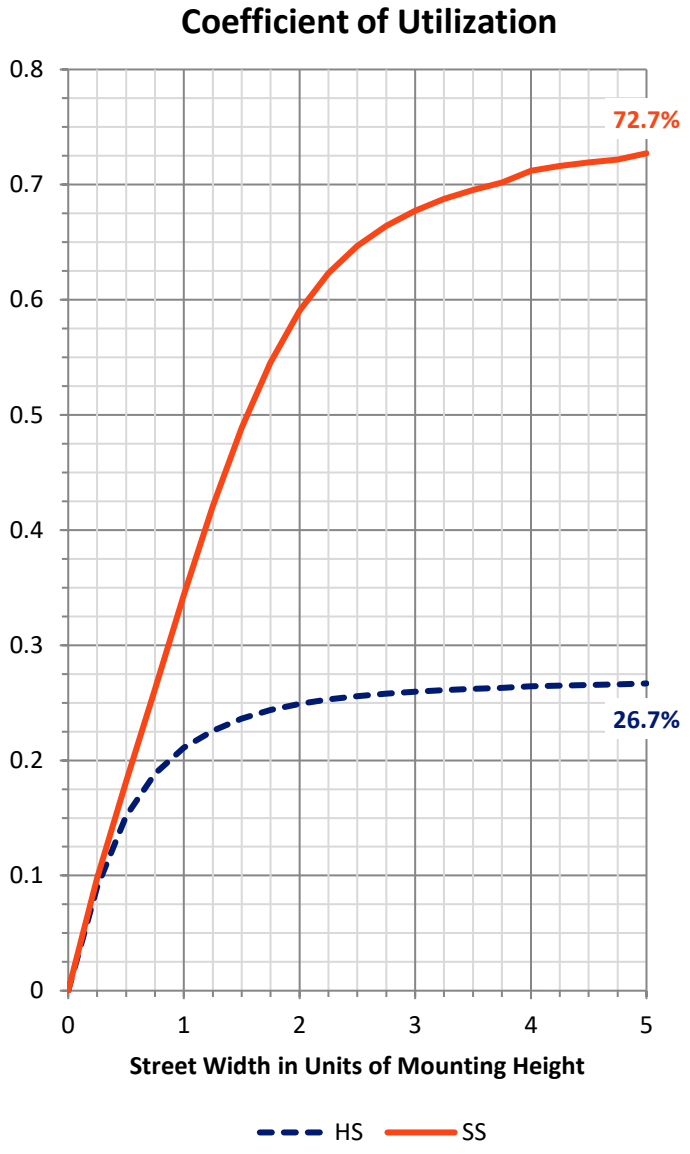
REPORT NUMBER: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4929.8	0.0	4929.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	13395.2	0.0	13395.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	18325.1	0.0	18325.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	288.5	1.6
10°-20°	884.2	4.8
20°-30°	1368.4	7.5
30°-40°	1697.7	9.3
40°-50°	2482.6	13.5
50°-60°	3888.7	21.2
60°-70°	4614.2	25.2
70°-80°	2691.3	14.7
80°-90°	409.4	2.2
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°	18325.1	100.0
0°-180°	18325.1	100.0



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

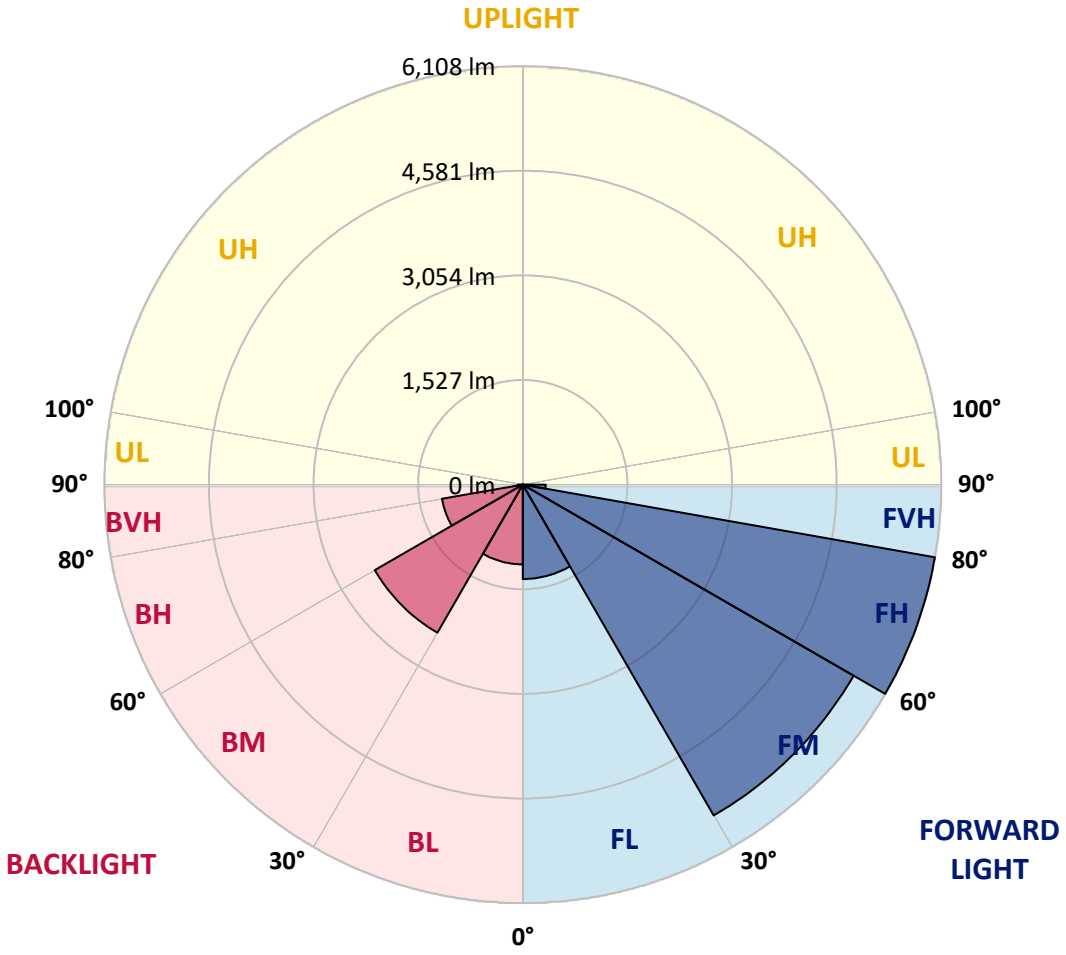
Scaled Data Report

REPORT NUMBER: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1377.3	7.5			
FM	(30°-60°)	5574.9	30.4			
FH	(60°-80°)	6108.2	33.3			G3/7500
FVH	(80°-90°)	334.9	1.8			G3/500
BL	(0°-30°)	1163.8	6.4	B3/2500		
BM	(30°-60°)	2494.2	13.6	B2/2500		
BH	(60°-80°)	1197.3	6.5	B3/2500		G3/2500
BVH	(80°-90°)	74.6	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 IV Short



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

Scaled Data Report

REPORT NUMBER: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	*2922.0*	2922.0
2.5°	3157.2	3168.5	3179.7	3191.8	3204.3	3211.5	3218.6	3226.3	3233.4	*3240.2*	3233.4
5°	3372.4	3423.0	3473.2	3507.3	3541.3	3567.3	3593.3	3608.1	3623.3	*3625.6*	3623.3
7.5°	3589.7	3649.8	3709.8	3761.8	3813.8	3847.0	3880.1	3899.4	3919.1	*3925.8*	3919.1
10°	3726.4	3796.8	3867.6	3917.8	3968.4	3999.3	4029.8	4045.0	4060.3	*4064.8*	4060.3
12.5°	3795.9	3863.5	3931.2	3970.2	4008.7	4028.5	4047.7	4054.9	4061.2	*4055.8*	4061.2
15°	3829.5	3869.4	3908.8	3925.4	3941.5	3932.1	3922.2	3908.4	3894.5	*3885.5*	3894.5
17.5°	3838.4	3852.3	3866.7	3836.7	3807.1	3753.3	3699.5	3659.2	3618.8	*3589.7*	3618.8
20°	3867.6	3845.2	3822.8	3743.0	3663.7	3562.8	3462.0	3394.3	3326.2	*3285.0*	3326.2
22.5°	3898.9	3835.8	3772.6	3638.6	3504.6	3366.5	3229.0	3151.0	3073.4	*3029.5*	3073.4
25°	3948.2	3839.8	3730.9	3549.8	3369.2	3207.0	3045.2	2960.5	2876.3	*2827.9*	2876.3
27.5°	4019.9	3854.1	3688.3	3464.2	3240.2	3064.5	2888.4	2807.7	2727.0	*2684.4*	2727.0
30°	4120.8	3900.7	3680.2	3412.2	3143.8	2960.1	2776.3	2697.4	2618.1	*2572.4*	2618.1
32.5°	4244.0	3966.2	3688.3	3388.0	3087.8	2900.5	2713.6	2637.8	2562.5	*2523.1*	2562.5
35°	4452.4	4100.6	3748.8	3415.8	3083.3	2909.4	2736.0	2680.4	2625.3	*2603.8*	2625.3
37.5°	4716.8	4305.9	3894.5	3551.6	3208.8	3090.5	2972.2	2972.2	2972.2	*2989.2*	2972.2
40°	5106.7	4645.1	4183.5	3859.1	3535.0	3527.9	3521.6	3596.9	3672.6	*3706.2*	3672.6
42.5°	5653.5	5165.4	4677.8	4416.1	4154.4	4311.2	4468.1	4685.9	4903.7	*5046.2*	4903.7
45°	6332.4	5857.4	5382.3	5199.5	5017.1	5366.2	5714.9	6099.8	6484.8	*6758.2*	6484.8
47.5°	6982.2	6582.5	6182.3	6077.9	5973.9	6554.3	7134.6	7698.8	8263.1	*8595.6*	8263.1
50°	7735.1	7375.7	7015.9	6995.7	6975.5	7748.6	8521.7	9249.9	9978.2	*10383.7*	9978.2
52.5°	8700.9	8306.1	7910.8	7927.0	7942.2	8860.5	9778.7	10659.4	11540.0	*11997.1*	11540.0
55°	9854.9	9359.7	8864.5	8861.8	8859.1	9914.1	10969.9	12051.8	13134.5	*13744.9*	13134.5
57.5°	11031.3	10567.5	10103.6	9993.4	9882.7	10986.1	12089.0	13283.7	14479.0	*15120.7*	14479.0
60°	11914.2	11658.7	11403.3	11226.7	11050.6	12183.5	13316.9	14551.1	15784.9	*16424.9*	15784.9
62.5°	11548.9	12005.6	12462.3	12449.3	12436.3	13659.3	14882.3	16165.8	17450.2	*18024.8*	17450.2
65°	*10316.5*	*11044.8*	*11773.0*	*12274.1*	*12774.6*	*14253.1*	*15731.1*	*17068.4*	*18405.7*	*18992.8*	*18405.7*
67.5°	9160.3	9802.0	10444.2	10854.3	11264.4	12930.2	14596.4	16113.8	17631.3	*18235.4*	17631.3
70°	8053.3	8764.1	9474.9	9768.0	10061.1	11476.3	12891.2	14091.8	15291.9	*15528.6*	15291.9
72.5°	6912.8	7758.0	8603.7	8727.8	8851.9	9881.8	10911.7	11551.2	12190.7	*11674.4*	12190.7
75°	5660.2	6613.9	7567.1	7650.0	7732.9	8053.8	8375.1	8537.8	8700.9	*8407.4*	8700.9
77.5°	3764.5	4590.0	5415.9	5601.9	5787.9	6001.7	6215.9	6204.7	6193.5	*5781.2*	6193.5
80°	2209.4	2855.2	3501.0	3525.2	3549.4	3709.8	3869.8	4033.4	4197.0	*3934.8*	4197.0
82.5°	1104.7	1459.2	1814.1	1868.8	1923.5	2021.6	2119.8	2165.5	2211.6	*1989.8*	2211.6
85°	251.0	343.3	435.6	524.8	614.0	717.0	820.1	808.5	796.8	*672.2*	796.8
87.5°	20.2	20.6	21.5	22.0	22.4	22.9	23.3	24.6	26.0	*26.9*	26.0
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: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0
2.5°	3226.3	3218.6	3211.5	3204.3	3191.8	3179.7	3168.5	3157.2	3128.6	3100.3	3074.3
5°	3608.1	3593.3	3567.3	3541.3	3507.3	3473.2	3423.0	3372.4	3321.7	3271.5	3218.6
7.5°	3899.4	3880.1	3847.0	3813.8	3761.8	3709.8	3649.8	3589.7	3504.6	3419.4	3339.2
10°	4045.0	4029.8	3999.3	3968.4	3917.8	3867.6	3796.8	3726.4	3624.7	3522.5	3423.0
12.5°	4054.9	4047.7	4028.5	4008.7	3970.2	3931.2	3863.5	3795.9	3694.6	3593.3	3481.7
15°	3908.4	3922.2	3932.1	3941.5	3925.4	3908.8	3869.4	3829.5	3726.9	3624.7	3511.3
17.5°	3659.2	3699.5	3753.3	3807.1	3836.7	3866.7	3852.3	3838.4	3742.5	3647.1	3526.1
20°	3394.3	3462.0	3562.8	3663.7	3743.0	3822.8	3845.2	3867.6	3770.8	3674.0	3544.0
22.5°	3151.0	3229.0	3366.5	3504.6	3638.6	3772.6	3835.8	3898.9	3810.2	3721.9	3579.0
25°	2960.5	3045.2	3207.0	3369.2	3549.8	3730.9	3839.8	3948.2	3871.6	3795.0	3639.0
27.5°	2807.7	2888.4	3064.5	3240.2	3464.2	3688.3	3854.1	4019.9	3961.2	3902.5	3726.9
30°	2697.4	2776.3	2960.1	3143.8	3412.2	3680.2	3900.7	4120.8	4074.6	4028.9	3830.8
32.5°	2637.8	2713.6	2900.5	3087.8	3388.0	3688.3	3966.2	4244.0	4215.3	4186.7	3953.2
35°	2680.4	2736.0	2909.4	3083.3	3415.8	3748.8	4100.6	4452.4	4416.6	4380.7	4083.1
37.5°	2972.2	2972.2	3090.5	3208.8	3551.6	3894.5	4305.9	4716.8	4674.3	4631.7	4241.8
40°	3596.9	3521.6	3527.9	3535.0	3859.1	4183.5	4645.1	5106.7	5022.9	4938.7	4423.3
42.5°	4685.9	4468.1	4311.2	4154.4	4416.1	4677.8	5165.4	5653.5	5476.0	5298.1	4624.1
45°	6099.8	5714.9	5366.2	5017.1	5199.5	5382.3	5857.4	6332.4	6047.8	5763.3	4896.5
47.5°	7698.8	7134.6	6554.3	5973.9	6077.9	6182.3	6582.5	6982.2	6621.9	6261.6	5176.6
50°	9249.9	8521.7	7748.6	6975.5	6995.7	7015.9	7375.7	7735.1	7246.7	6758.2	5420.9
52.5°	10659.4	9778.7	8860.5	7942.2	7927.0	7910.8	8306.1	8700.9	7925.2	7149.0	5536.5
55°	12051.8	10969.9	9914.1	8859.1	8861.8	8864.5	9359.7	9854.9	8606.8	7358.7	5506.0
57.5°	13283.7	12089.0	10986.1	9882.7	9993.4	10103.6	10567.5	11031.3	9179.1	7327.3	5339.8
60°	14551.1	13316.9	12183.5	11050.6	11226.7	11403.3	11658.7	11914.2	9435.4	6956.3	4941.4
62.5°	16165.8	14882.3	13659.3	12436.3	12449.3	12462.3	12005.6	11548.9	8866.7	6184.5	4288.4
65°	*17068.4*	*15731.1*	*14253.1*	*12774.6*	*12274.1*	*11773.0*	*11044.8*	*10316.5*	*7647.8*	*4979.0*	*3363.8*
67.5°	16113.8	14596.4	12930.2	11264.4	10854.3	10444.2	9802.0	9160.3	6568.2	3976.0	2617.7
70°	14091.8	12891.2	11476.3	10061.1	9768.0	9474.9	8764.1	8053.3	5580.0	3106.6	2005.9
72.5°	11551.2	10911.7	9881.8	8851.9	8727.8	8603.7	7758.0	6912.8	4633.5	2353.7	1508.0
75°	8537.8	8375.1	8053.8	7732.9	7650.0	7567.1	6613.9	5660.2	3699.5	1738.8	1117.7
77.5°	6204.7	6215.9	6001.7	5787.9	5601.9	5415.9	4590.0	3764.5	2427.2	1089.9	722.4
80°	4033.4	3869.8	3709.8	3549.4	3525.2	3501.0	2855.2	2209.4	1391.5	573.6	399.3
82.5°	2165.5	2119.8	2021.6	1923.5	1868.8	1814.1	1459.2	1104.7	697.3	290.4	214.7
85°	808.5	820.1	717.0	614.0	524.8	435.6	343.3	251.0	165.8	80.7	68.1
87.5°	24.6	23.3	22.9	22.4	22.0	21.5	20.6	20.2	19.7	18.8	18.4
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: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0
2.5°	3048.3	3022.4	2995.9	2970.8	2945.3	2919.7	2897.3	2873.1	2849.4	2830.5	2812.2
5°	3166.2	3114.7	3063.1	3014.3	2965.9	2915.2	2871.8	2828.8	2786.6	2751.7	2716.7
7.5°	3259.0	3187.3	3115.6	3051.5	2986.9	2919.7	2867.3	2814.9	2762.9	2717.6	2671.9
10°	3323.1	3234.8	3146.0	3072.1	2998.2	2926.4	2870.4	2815.3	2760.6	2714.0	2667.4
12.5°	3370.1	3271.1	3172.0	3090.5	3009.4	2930.9	2876.3	2830.5	2785.3	2752.6	2720.3
15°	3397.9	3291.2	3184.1	3092.3	3000.4	2913.0	2864.6	2835.0	2805.4	2802.8	2800.1
17.5°	3405.1	3283.2	3161.7	3054.6	2948.0	2845.8	2804.6	2800.5	2796.5	2840.9	2885.2
20°	3414.0	3271.1	3128.1	2987.4	2846.7	2711.3	2685.3	2710.9	2736.0	2822.9	2909.4
22.5°	3436.4	3261.7	3086.9	2910.3	2733.7	2572.4	2547.8	2585.4	2622.6	2736.0	2849.4
25°	3483.1	3260.8	3038.5	2818.4	2598.4	2413.3	2411.1	2451.9	2492.6	2597.5	2702.4
27.5°	3551.6	3269.3	2986.9	2724.3	2461.3	2272.1	2283.3	2322.3	2361.8	2439.8	2517.7
30°	3632.3	3287.7	2943.5	2642.3	2341.6	2157.9	2170.0	2200.4	2230.9	2287.4	2343.8
32.5°	3719.7	3308.3	2897.3	2570.6	2244.4	2075.0	2075.0	2088.0	2100.9	2137.7	2174.4
35°	3786.0	3303.3	2821.1	2489.0	2156.5	2025.7	1997.9	1987.1	1976.4	2000.6	2024.8
37.5°	3851.9	3289.5	2727.0	2398.5	2070.5	1967.4	1914.5	1885.8	1856.3	1867.9	1878.7
40°	3907.9	3258.1	2608.3	2290.5	1972.8	1891.2	1824.9	1781.9	1738.8	1737.9	1736.6
42.5°	3949.1	3203.9	2458.1	2161.9	1865.2	1808.3	1726.3	1671.6	1616.9	1611.1	1605.3
45°	4029.8	3166.7	2303.5	2031.0	1759.0	1707.5	1625.9	1569.4	1513.9	1504.9	1495.9
47.5°	4091.7	3123.2	2154.7	1901.1	1648.3	1588.7	1512.5	1464.6	1416.2	1410.8	1405.0
50°	4083.6	3049.2	2014.5	1785.4	1556.0	1474.4	1399.1	1359.7	1319.8	1326.5	1333.3
52.5°	3923.6	2897.8	1872.4	1681.5	1491.5	1387.0	1306.4	1276.8	1246.8	1267.8	1288.4
55°	3653.4	2697.0	1739.7	1594.5	1448.4	1344.5	1249.5	1216.3	1183.1	1212.7	1242.3
57.5°	3352.2	2486.8	1621.4	1521.0	1420.6	1333.3	1216.7	1170.1	1124.0	1153.5	1183.1
60°	2926.4	2221.1	1515.7	1445.3	1374.9	1306.4	1189.9	1131.6	1073.3	1093.0	1112.3
62.5°	2392.2	1884.0	1375.8	1336.4	1297.4	1268.3	1157.1	1080.9	1004.8	1007.5	1009.2
65°	*1748.7*	*1480.7*	*1212.3*	*1203.7*	*1195.7*	*1187.6*	*1095.7*	*1013.7*	*932.2*	*923.2*	*914.2*
67.5°	1259.3	1132.0	1004.8	1028.5	1052.3	1064.4	1001.6	929.5	856.9	838.5	820.1
70°	905.3	860.5	815.6	851.0	886.4	882.9	852.4	809.4	766.3	754.7	743.0
72.5°	662.4	661.5	661.0	687.9	714.8	679.0	698.2	688.4	679.0	670.4	662.4
75°	496.6	493.4	490.7	522.5	554.8	569.2	581.7	576.3	571.4	565.1	559.3
77.5°	354.9	357.6	359.4	394.4	429.3	470.6	472.8	461.2	449.1	442.8	435.6
80°	225.0	227.7	229.5	266.2	302.5	360.8	358.5	344.2	329.4	324.5	319.1
82.5°	138.9	139.4	139.8	157.8	175.7	208.4	217.4	217.4	217.4	214.2	210.6
85°	56.0	58.7	61.8	73.5	85.1	103.1	108.5	109.3	109.8	104.9	99.5
87.5°	17.9	18.8	20.2	22.4	24.6	26.9	31.4	34.1	36.7	39.4	41.2
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: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0
2.5°	2796.0	2779.5	2760.2	2740.5	2726.6	2712.2	2702.8	2693.4	2688.9	2684.4	2680.9
5°	2688.0	2658.5	2632.5	2606.0	2585.4	2564.3	2547.3	2529.8	2522.7	2515.0	2510.1
7.5°	2633.4	2594.8	2562.5	2529.8	2498.9	2468.4	2448.7	2429.0	2417.3	2405.7	2397.2
10°	2626.6	2585.9	2543.3	2500.7	2466.6	2432.6	2403.0	2374.3	2357.7	2341.6	2332.6
12.5°	2682.7	2645.0	2594.4	2543.3	2497.1	2451.4	2415.1	2378.8	2358.2	2338.5	2325.0
15°	2787.1	2774.1	2727.0	2680.0	2616.3	2552.2	2500.3	2447.8	2419.1	2389.6	2373.0
17.5°	2910.8	2936.3	2903.6	2870.4	2780.8	2691.2	2613.6	2536.6	2494.4	2452.3	2437.5
20°	2978.4	3047.5	3043.9	3040.7	2923.8	2806.3	2704.6	2602.9	2546.4	2490.8	2468.4
22.5°	2948.9	3048.3	3073.9	3099.0	2984.3	2869.1	2743.6	2618.1	2551.8	2485.0	2464.0
25°	2809.5	2916.6	2964.1	3011.6	2917.0	2822.5	2700.6	2579.1	2509.2	2438.9	2417.3
27.5°	2603.8	2689.8	2743.2	2796.5	2738.7	2680.9	2582.3	2483.7	2421.8	2359.5	2336.7
30°	2402.1	2460.4	2502.9	2545.5	2507.4	2469.3	2398.5	2328.2	2282.0	2236.3	2221.9
32.5°	2217.9	2260.9	2284.7	2308.0	2278.4	2248.8	2202.2	2155.6	2126.9	2098.3	2088.8
35°	2059.7	2095.1	2113.0	2131.0	2106.3	2081.7	2040.0	1998.8	1978.2	1957.5	1949.9
37.5°	1908.7	1938.3	1963.8	1989.8	1971.9	1954.0	1918.5	1883.1	1858.9	1833.8	1820.4
40°	1765.3	1793.5	1825.8	1857.6	1854.5	1850.9	1817.3	1783.7	1748.7	1714.2	1695.8
42.5°	1633.5	1661.8	1695.8	1729.9	1736.6	1743.3	1715.5	1687.3	1647.0	1606.6	1578.4
45°	1520.1	1545.2	1582.4	1620.1	1635.8	1651.4	1626.4	1600.8	1555.5	1510.3	1476.7
47.5°	1430.5	1456.5	1497.7	1539.4	1556.0	1573.0	1556.0	1539.4	1500.4	1461.0	1431.4
50°	1361.5	1389.3	1421.5	1454.3	1485.2	1515.7	1512.5	1509.4	1478.5	1447.5	1419.8
52.5°	1314.0	1340.0	1373.6	1407.2	1439.5	1472.2	1477.1	1482.5	1460.1	1437.7	1413.5
55°	1273.2	1304.1	1335.5	1366.9	1397.3	1427.4	1434.1	1440.8	1424.7	1408.1	1390.2
57.5°	1216.7	1250.4	1281.7	1313.1	1348.5	1383.9	1389.3	1394.7	1377.6	1360.1	1346.7
60°	1146.8	1180.9	1213.6	1245.9	1281.7	1317.6	1324.7	1331.9	1318.5	1305.0	1292.5
62.5°	1048.2	1086.8	1113.7	1140.6	1174.6	1209.1	1219.4	1230.2	1223.9	1218.1	1203.7
65°	*951.0*	*988.2*	*1009.2*	*1030.8*	*1060.3*	*1089.9*	*1100.2*	*1110.5*	*1107.4*	*1104.7*	*1094.4*
67.5°	854.2	888.2	905.7	923.2	943.4	963.5	975.2	986.8	981.0	974.7	964.0
70°	770.8	798.6	813.8	829.1	845.2	861.4	867.6	873.9	864.9	856.0	831.8
72.5°	683.4	704.5	717.5	730.5	745.7	761.0	764.6	768.6	754.7	740.4	712.1
75°	575.4	591.6	601.4	611.7	627.4	643.1	649.8	656.5	636.8	617.6	587.5
77.5°	450.4	465.2	474.6	484.0	497.0	510.0	511.8	514.5	497.5	480.4	462.5
80°	329.8	340.6	344.2	347.3	358.1	368.4	368.4	368.4	355.8	342.8	333.9
82.5°	208.4	206.2	201.7	197.2	207.9	218.7	222.3	226.3	220.5	215.1	205.3
85°	93.2	86.0	84.7	82.9	82.5	81.6	84.7	87.4	86.0	85.1	81.6
87.5°	43.9	45.7	44.4	42.6	40.8	39.4	35.9	32.3	29.6	26.9	25.1
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: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0
2.5°	2677.7	2675.5	2677.7	2680.9	2684.4	2688.9	2693.4	2702.8	2712.2	2726.6	2740.5
5°	2505.2	2500.7	2505.2	2510.1	2515.0	2522.7	2529.8	2547.3	2564.3	2585.4	2606.0
7.5°	2388.7	2384.2	2388.7	2397.2	2405.7	2417.3	2429.0	2448.7	2468.4	2498.9	2529.8
10°	2323.7	2317.0	2323.7	2332.6	2341.6	2357.7	2374.3	2403.0	2432.6	2466.6	2500.7
12.5°	2311.6	2303.5	2311.6	2325.0	2338.5	2358.2	2378.8	2415.1	2451.4	2497.1	2543.3
15°	2356.4	2343.8	2356.4	2373.0	2389.6	2419.1	2447.8	2500.3	2552.2	2616.3	2680.0
17.5°	2422.3	2415.6	2422.3	2437.5	2452.3	2494.4	2536.6	2613.6	2691.2	2780.8	2870.4
20°	2446.0	2438.0	2446.0	2468.4	2490.8	2546.4	2602.9	2704.6	2806.3	2923.8	3040.7
22.5°	2442.4	2433.5	2442.4	2464.0	2485.0	2551.8	2618.1	2743.6	2869.1	2984.3	3099.0
25°	2395.4	2388.7	2395.4	2417.3	2438.9	2509.2	2579.1	2700.6	2822.5	2917.0	3011.6
27.5°	2313.4	2299.0	2313.4	2336.7	2359.5	2421.8	2483.7	2582.3	2680.9	2738.7	2796.5
30°	2207.2	2200.4	2207.2	2221.9	2236.3	2282.0	2328.2	2398.5	2469.3	2507.4	2545.5
32.5°	2079.4	2075.0	2079.4	2088.8	2098.3	2126.9	2155.6	2202.2	2248.8	2278.4	2308.0
35°	1942.7	1936.0	1942.7	1949.9	1957.5	1978.2	1998.8	2040.0	2081.7	2106.3	2131.0
37.5°	1807.0	1797.1	1807.0	1820.4	1833.8	1858.9	1883.1	1918.5	1954.0	1971.9	1989.8
40°	1677.0	1667.1	1677.0	1695.8	1714.2	1748.7	1783.7	1817.3	1850.9	1854.5	1857.6
42.5°	1550.6	1532.7	1550.6	1578.4	1606.6	1647.0	1687.3	1715.5	1743.3	1736.6	1729.9
45°	1443.1	1420.6	1443.1	1476.7	1510.3	1555.5	1600.8	1626.4	1651.4	1635.8	1620.1
47.5°	1401.8	1380.3	1401.8	1431.4	1461.0	1500.4	1539.4	1556.0	1573.0	1556.0	1539.4
50°	1391.5	1371.4	1391.5	1419.8	1447.5	1478.5	1509.4	1512.5	1515.7	1485.2	1454.3
52.5°	1389.3	1371.4	1389.3	1413.5	1437.7	1460.1	1482.5	1477.1	1472.2	1439.5	1407.2
55°	1372.2	1357.9	1372.2	1390.2	1408.1	1424.7	1440.8	1434.1	1427.4	1397.3	1366.9
57.5°	1333.3	1326.5	1333.3	1346.7	1360.1	1377.6	1394.7	1389.3	1383.9	1348.5	1313.1
60°	1279.5	1268.3	1279.5	1292.5	1305.0	1318.5	1331.9	1324.7	1317.6	1281.7	1245.9
62.5°	1189.9	1174.2	1189.9	1203.7	1218.1	1223.9	1230.2	1219.4	1209.1	1174.6	1140.6
65°	*1084.5*	*1066.6*	*1084.5*	*1094.4*	*1104.7*	*1107.4*	*1110.5*	*1100.2*	*1089.9*	*1060.3*	*1030.8*
67.5°	953.7	950.1	953.7	964.0	974.7	981.0	986.8	975.2	963.5	943.4	923.2
70°	807.6	779.8	807.6	831.8	856.0	864.9	873.9	867.6	861.4	845.2	829.1
72.5°	683.4	654.3	683.4	712.1	740.4	754.7	768.6	764.6	761.0	745.7	730.5
75°	558.0	537.8	558.0	587.5	617.6	636.8	656.5	649.8	643.1	627.4	611.7
77.5°	444.6	434.7	444.6	462.5	480.4	497.5	514.5	511.8	510.0	497.0	484.0
80°	324.9	318.2	324.9	333.9	342.8	355.8	368.4	368.4	368.4	358.1	347.3
82.5°	194.9	188.2	194.9	205.3	215.1	220.5	226.3	222.3	218.7	207.9	197.2
85°	78.4	76.2	78.4	81.6	85.1	86.0	87.4	84.7	81.6	82.5	82.9
87.5°	23.3	22.4	23.3	25.1	26.9	29.6	32.3	35.9	39.4	40.8	42.6
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: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0
2.5°	2760.2	2779.5	2796.0	2812.2	2830.5	2849.4	2873.1	2897.3	2919.7	2945.3	2970.8
5°	2632.5	2658.5	2688.0	2716.7	2751.7	2786.6	2828.8	2871.8	2915.2	2965.9	3014.3
7.5°	2562.5	2594.8	2633.4	2671.9	2717.6	2762.9	2814.9	2867.3	2919.7	2986.9	3051.5
10°	2543.3	2585.9	2626.6	2667.4	2714.0	2760.6	2815.3	2870.4	2926.4	2998.2	3072.1
12.5°	2594.4	2645.0	2682.7	2720.3	2752.6	2785.3	2830.5	2876.3	2930.9	3009.4	3090.5
15°	2727.0	2774.1	2787.1	2800.1	2802.8	2805.4	2835.0	2864.6	2913.0	3000.4	3092.3
17.5°	2903.6	2936.3	2910.8	2885.2	2840.9	2796.5	2800.5	2804.6	2845.8	2948.0	3054.6
20°	3043.9	3047.5	2978.4	2909.4	2822.9	2736.0	2710.9	2685.3	2711.3	2846.7	2987.4
22.5°	3073.9	3048.3	2948.9	2849.4	2736.0	2622.6	2585.4	2547.8	2572.4	2733.7	2910.3
25°	2964.1	2916.6	2809.5	2702.4	2597.5	2492.6	2451.9	2411.1	2413.3	2598.4	2818.4
27.5°	2743.2	2689.8	2603.8	2517.7	2439.8	2361.8	2322.3	2283.3	2272.1	2461.3	2724.3
30°	2502.9	2460.4	2402.1	2343.8	2287.4	2230.9	2200.4	2170.0	2157.9	2341.6	2642.3
32.5°	2284.7	2260.9	2217.9	2174.4	2137.7	2100.9	2088.0	2075.0	2075.0	2244.4	2570.6
35°	2113.0	2095.1	2059.7	2024.8	2000.6	1976.4	1987.1	1997.9	2025.7	2156.5	2489.0
37.5°	1963.8	1938.3	1908.7	1878.7	1867.9	1856.3	1885.8	1914.5	1967.4	2070.5	2398.5
40°	1825.8	1793.5	1765.3	1736.6	1737.9	1738.8	1781.9	1824.9	1891.2	1972.8	2290.5
42.5°	1695.8	1661.8	1633.5	1605.3	1611.1	1616.9	1671.6	1726.3	1808.3	1865.2	2161.9
45°	1582.4	1545.2	1520.1	1495.9	1504.9	1513.9	1569.4	1625.9	1707.5	1759.0	2031.0
47.5°	1497.7	1456.5	1430.5	1405.0	1410.8	1416.2	1464.6	1512.5	1588.7	1648.3	1901.1
50°	1421.5	1389.3	1361.5	1333.3	1326.5	1319.8	1359.7	1399.1	1474.4	1556.0	1785.4
52.5°	1373.6	1340.0	1314.0	1288.4	1267.8	1246.8	1276.8	1306.4	1387.0	1491.5	1681.5
55°	1335.5	1304.1	1273.2	1242.3	1212.7	1183.1	1216.3	1249.5	1344.5	1448.4	1594.5
57.5°	1281.7	1250.4	1216.7	1183.1	1153.5	1124.0	1170.1	1216.7	1333.3	1420.6	1521.0
60°	1213.6	1180.9	1146.8	1112.3	1093.0	1073.3	1131.6	1189.9	1306.4	1374.9	1445.3
62.5°	1113.7	1086.8	1048.2	1009.2	1007.5	1004.8	1080.9	1157.1	1268.3	1297.4	1336.4
65°	*1009.2*	*988.2*	*951.0*	*914.2*	*923.2*	*932.2*	*1013.7*	*1095.7*	*1187.6*	*1195.7*	*1203.7*
67.5°	905.7	888.2	854.2	820.1	838.5	856.9	929.5	1001.6	1064.4	1052.3	1028.5
70°	813.8	798.6	770.8	743.0	754.7	766.3	809.4	852.4	882.9	886.4	851.0
72.5°	717.5	704.5	683.4	662.4	670.4	679.0	688.4	698.2	679.0	714.8	687.9
75°	601.4	591.6	575.4	559.3	565.1	571.4	576.3	581.7	569.2	554.8	522.5
77.5°	474.6	465.2	450.4	435.6	442.8	449.1	461.2	472.8	470.6	429.3	394.4
80°	344.2	340.6	329.8	319.1	324.5	329.4	344.2	358.5	360.8	302.5	266.2
82.5°	201.7	206.2	208.4	210.6	214.2	217.4	217.4	217.4	208.4	175.7	157.8
85°	84.7	86.0	93.2	99.5	104.9	109.8	109.3	108.5	103.1	85.1	73.5
87.5°	44.4	45.7	43.9	41.2	39.4	36.7	34.1	31.4	26.9	24.6	22.4
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: P1364945
CATALOG NUMBER: GSS-SB3C-727-U-SLL

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0	2922.0
2.5°	2995.9	3022.4	3048.3	3074.3	3100.3	3128.6	3157.2
5°	3063.1	3114.7	3166.2	3218.6	3271.5	3321.7	3372.4
7.5°	3115.6	3187.3	3259.0	3339.2	3419.4	3504.6	3589.7
10°	3146.0	3234.8	3323.1	3423.0	3522.5	3624.7	3726.4
12.5°	3172.0	3271.1	3370.1	3481.7	3593.3	3694.6	3795.9
15°	3184.1	3291.2	3397.9	3511.3	3624.7	3726.9	3829.5
17.5°	3161.7	3283.2	3405.1	3526.1	3647.1	3742.5	3838.4
20°	3128.1	3271.1	3414.0	3544.0	3674.0	3770.8	3867.6
22.5°	3086.9	3261.7	3436.4	3579.0	3721.9	3810.2	3898.9
25°	3038.5	3260.8	3483.1	3639.0	3795.0	3871.6	3948.2
27.5°	2986.9	3269.3	3551.6	3726.9	3902.5	3961.2	4019.9
30°	2943.5	3287.7	3632.3	3830.8	4028.9	4074.6	4120.8
32.5°	2897.3	3308.3	3719.7	3953.2	4186.7	4215.3	4244.0
35°	2821.1	3303.3	3786.0	4083.1	4380.7	4416.6	4452.4
37.5°	2727.0	3289.5	3851.9	4241.8	4631.7	4674.3	4716.8
40°	2608.3	3258.1	3907.9	4423.3	4938.7	5022.9	5106.7
42.5°	2458.1	3203.9	3949.1	4624.1	5298.1	5476.0	5653.5
45°	2303.5	3166.7	4029.8	4896.5	5763.3	6047.8	6332.4
47.5°	2154.7	3123.2	4091.7	5176.6	6261.6	6621.9	6982.2
50°	2014.5	3049.2	4083.6	5420.9	6758.2	7246.7	7735.1
52.5°	1872.4	2897.8	3923.6	5536.5	7149.0	7925.2	8700.9
55°	1739.7	2697.0	3653.4	5506.0	7358.7	8606.8	9854.9
57.5°	1621.4	2486.8	3352.2	5339.8	7327.3	9179.1	11031.3
60°	1515.7	2221.1	2926.4	4941.4	6956.3	9435.4	11914.2
62.5°	1375.8	1884.0	2392.2	4288.4	6184.5	8866.7	11548.9
65°	*1212.3*	*1480.7*	*1748.7*	*3363.8*	*4979.0*	*7647.8*	*10316.5*
67.5°	1004.8	1132.0	1259.3	2617.7	3976.0	6568.2	9160.3
70°	815.6	860.5	905.3	2005.9	3106.6	5580.0	8053.3
72.5°	661.0	661.5	662.4	1508.0	2353.7	4633.5	6912.8
75°	490.7	493.4	496.6	1117.7	1738.8	3699.5	5660.2
77.5°	359.4	357.6	354.9	722.4	1089.9	2427.2	3764.5
80°	229.5	227.7	225.0	399.3	573.6	1391.5	2209.4
82.5°	139.8	139.4	138.9	214.7	290.4	697.3	1104.7
85°	61.8	58.7	56.0	68.1	80.7	165.8	251.0
87.5°	20.2	18.8	17.9	18.4	18.8	19.7	20.2
90°	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

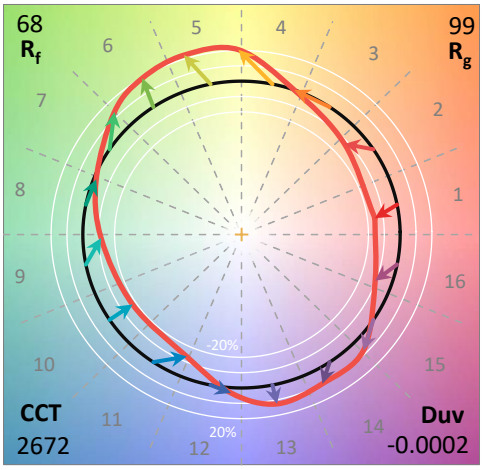
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



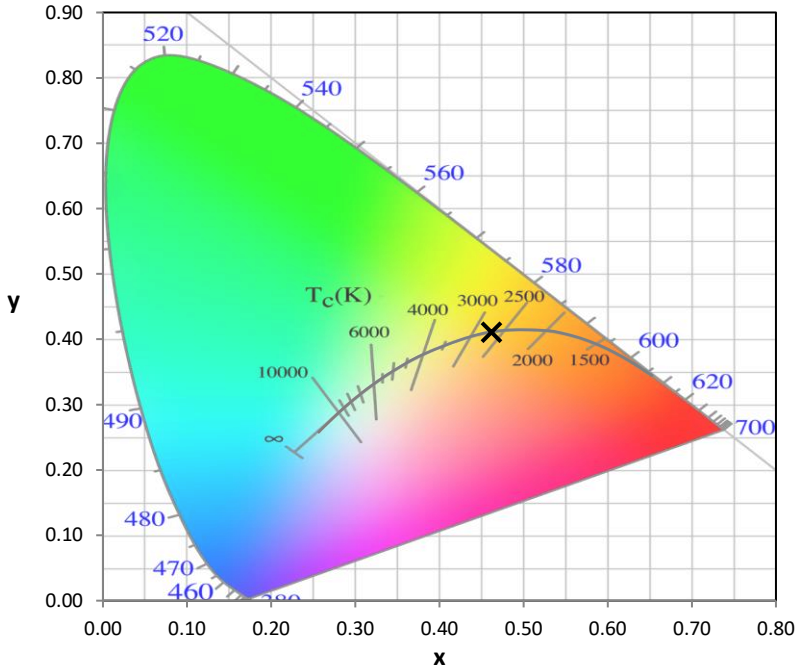
Test Conditions

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

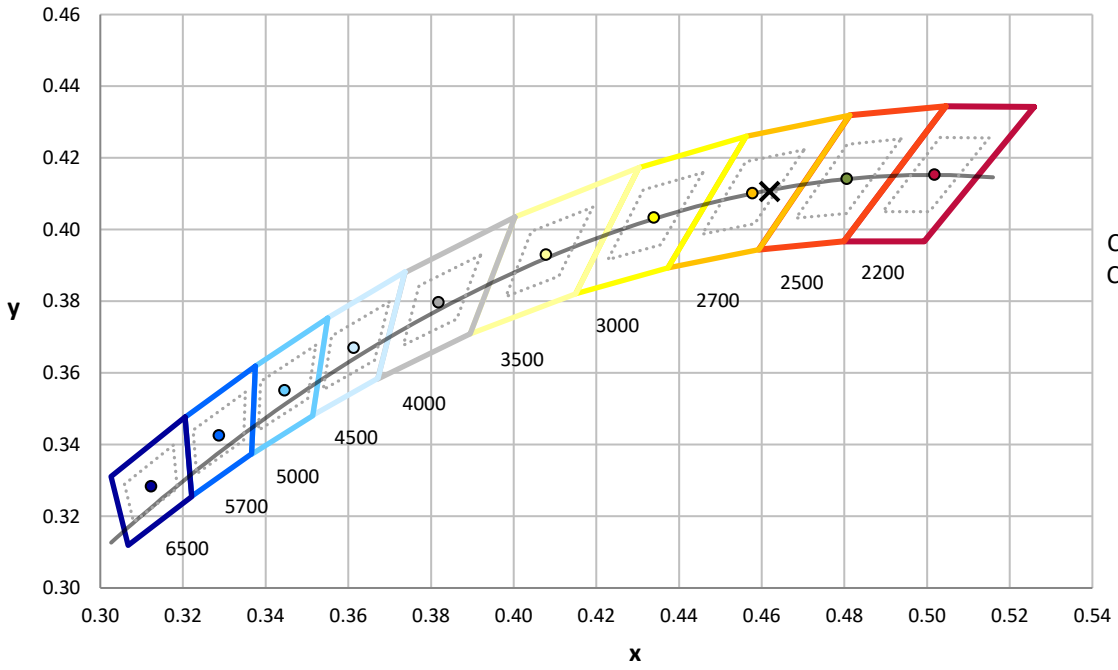
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

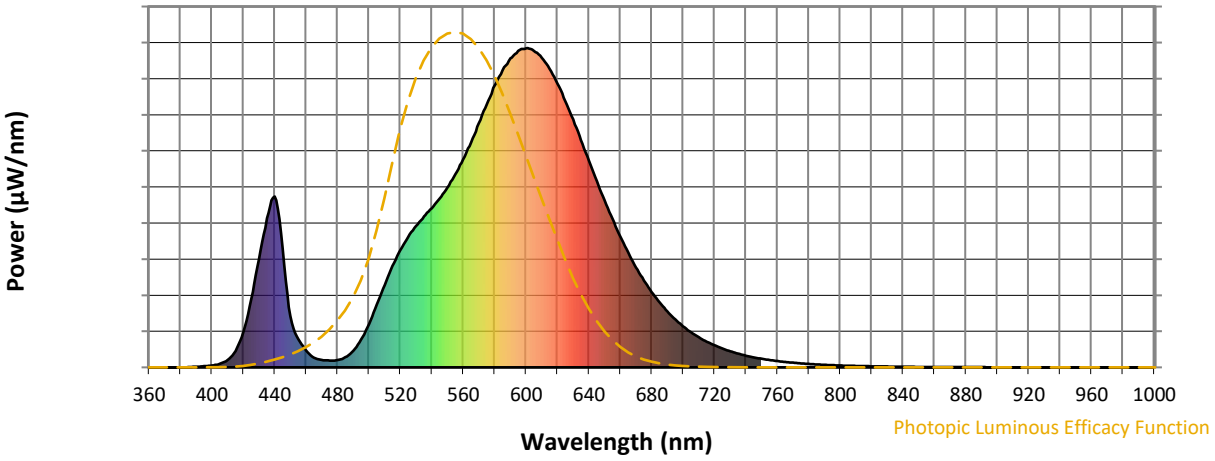


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

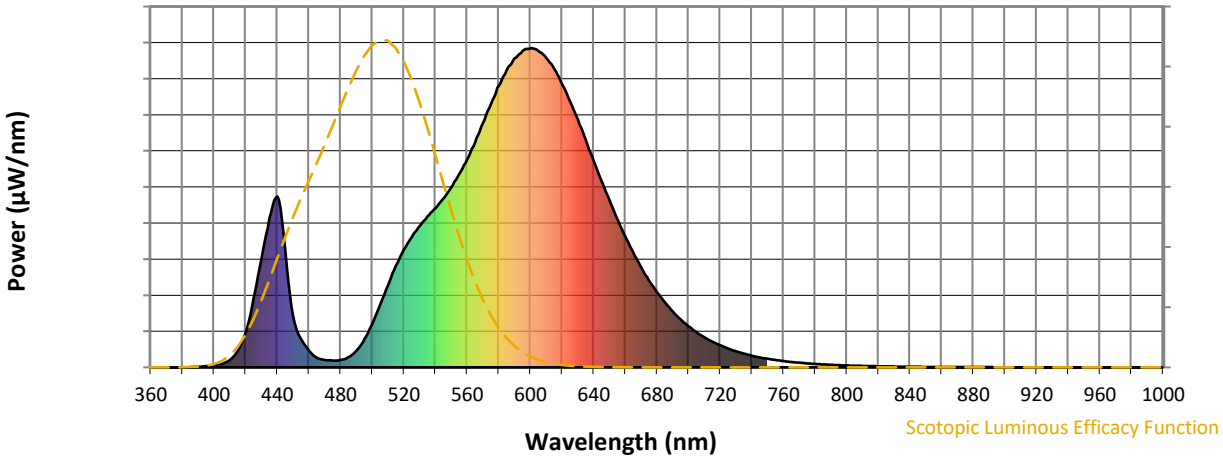


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

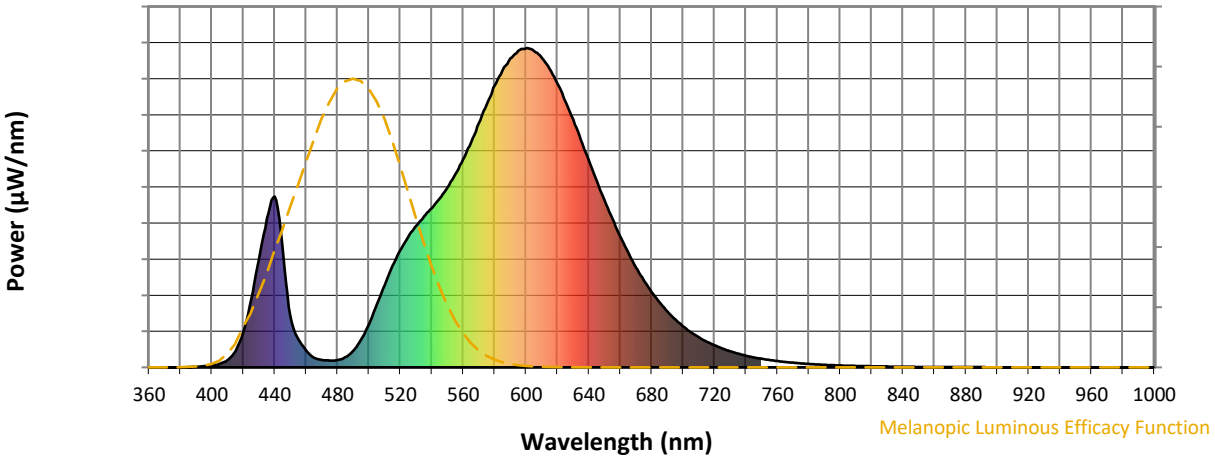


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

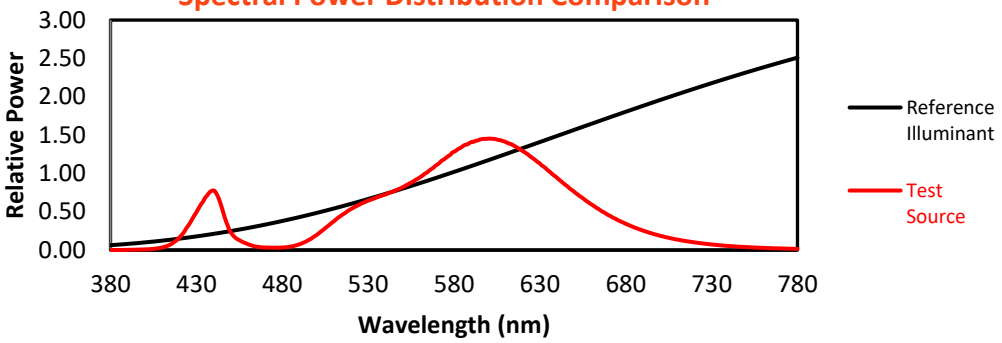
REPORT NUMBER: SP1-2407-184-3

TM-30-18

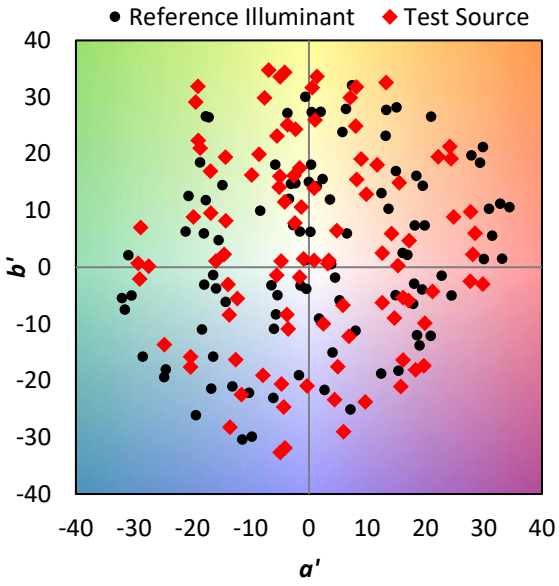
Summary

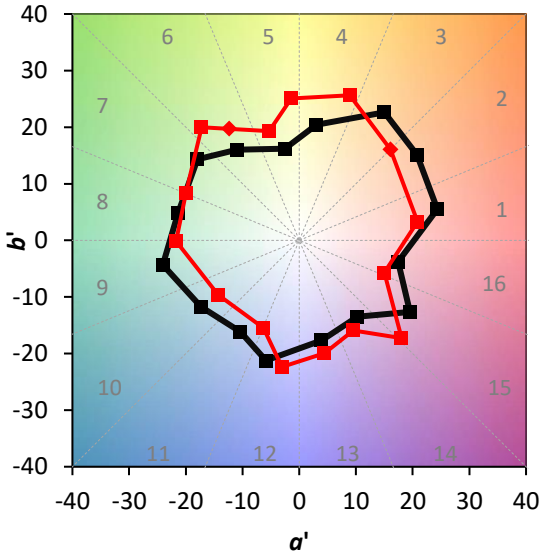
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

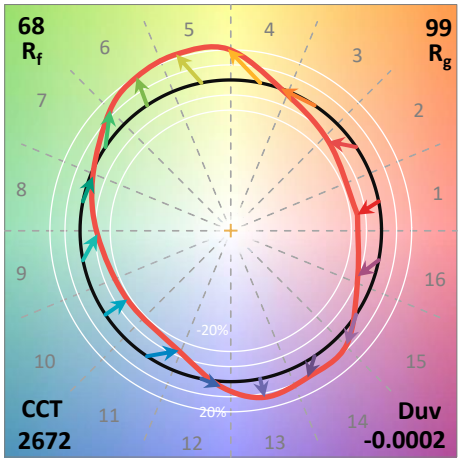
Spectral Power Distribution Comparison

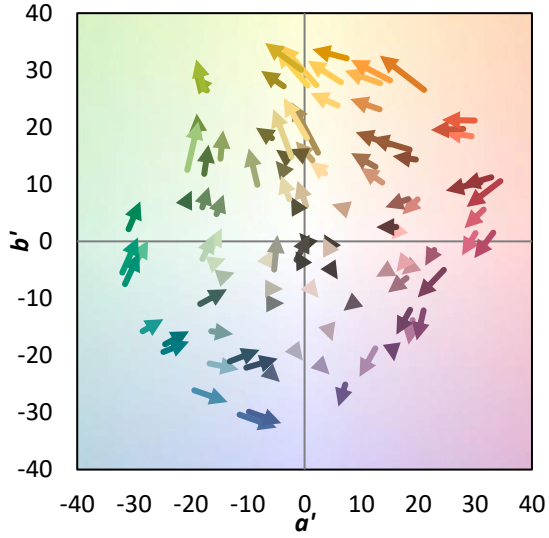


Color Vector Graphics







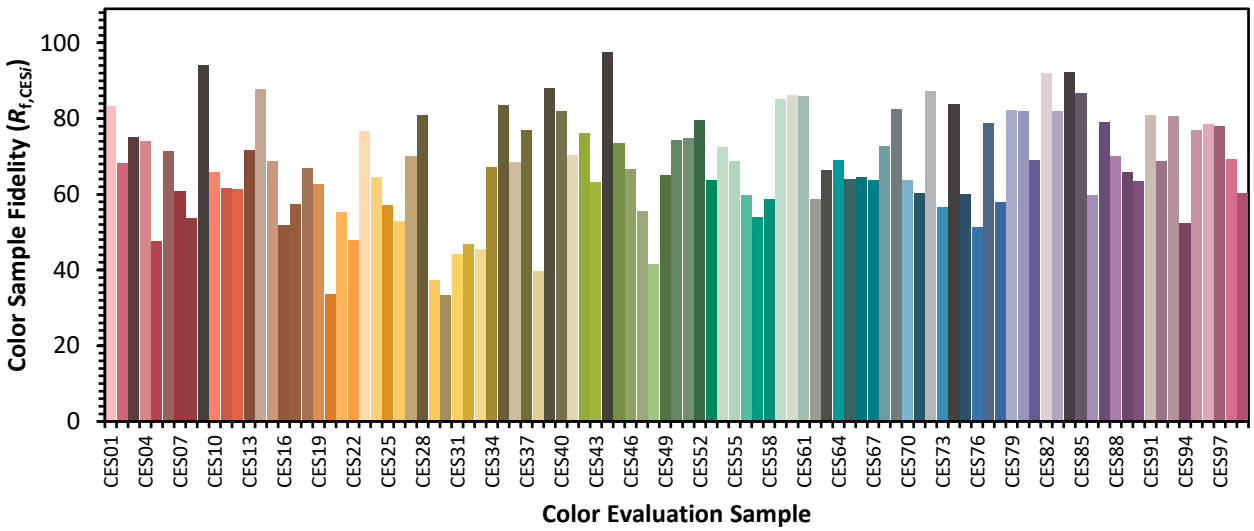


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

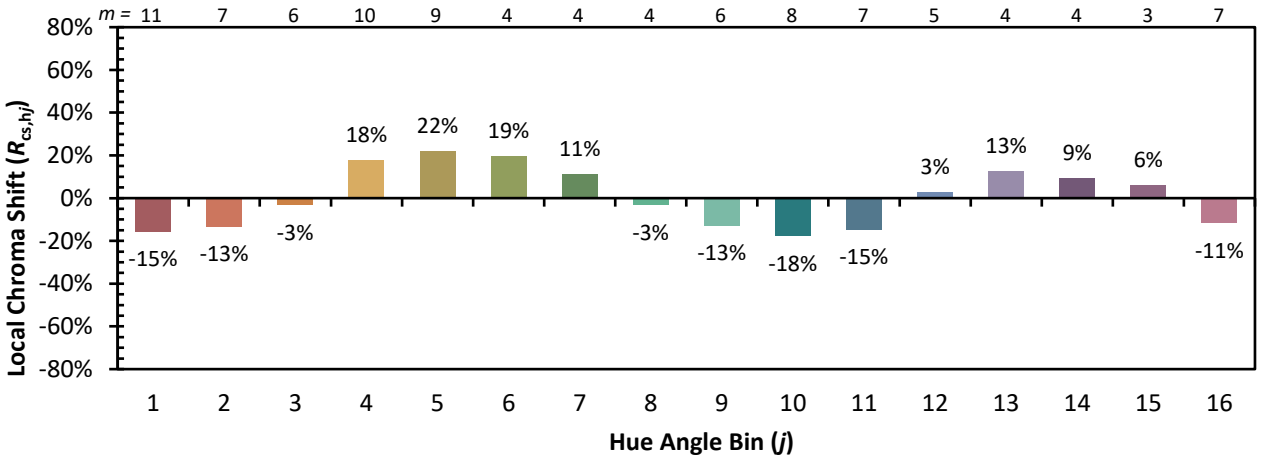
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

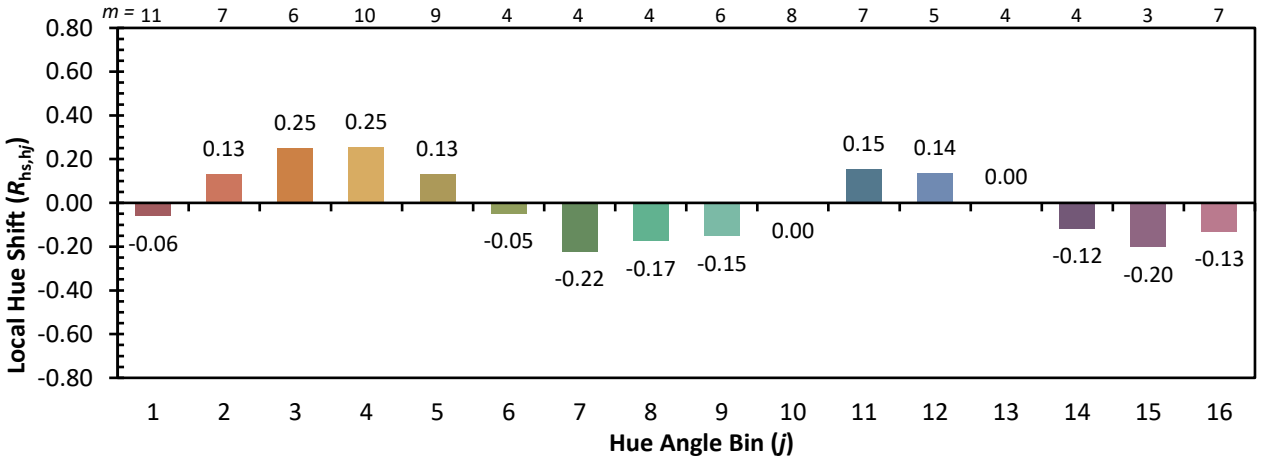


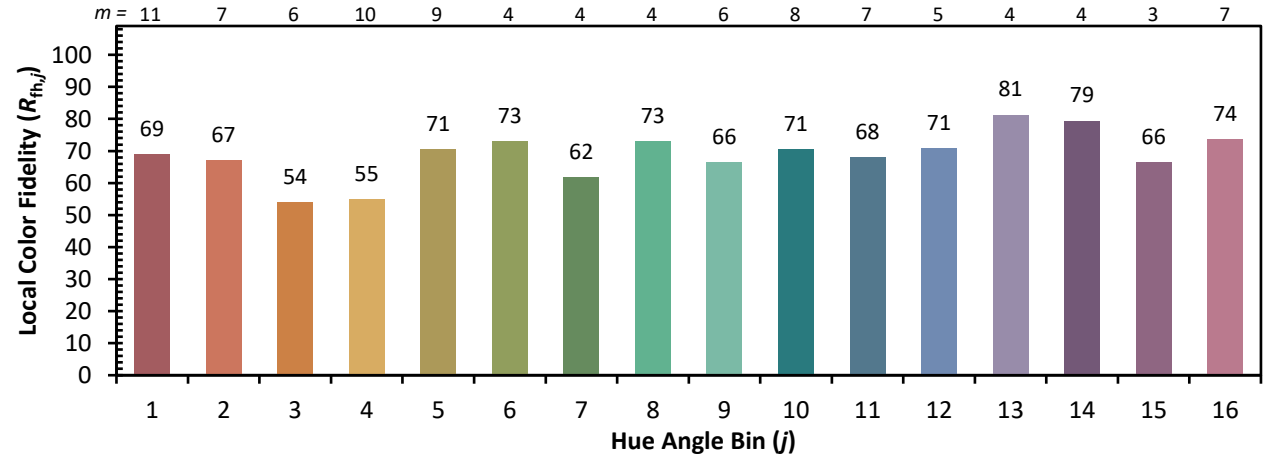
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



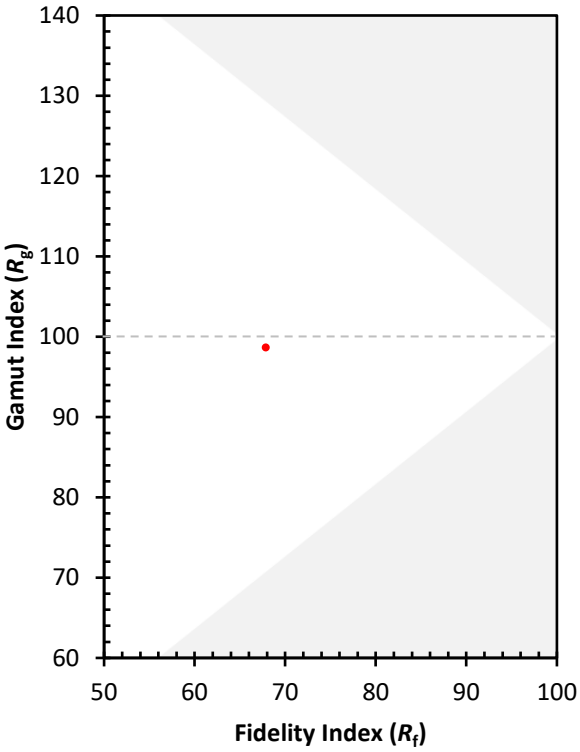


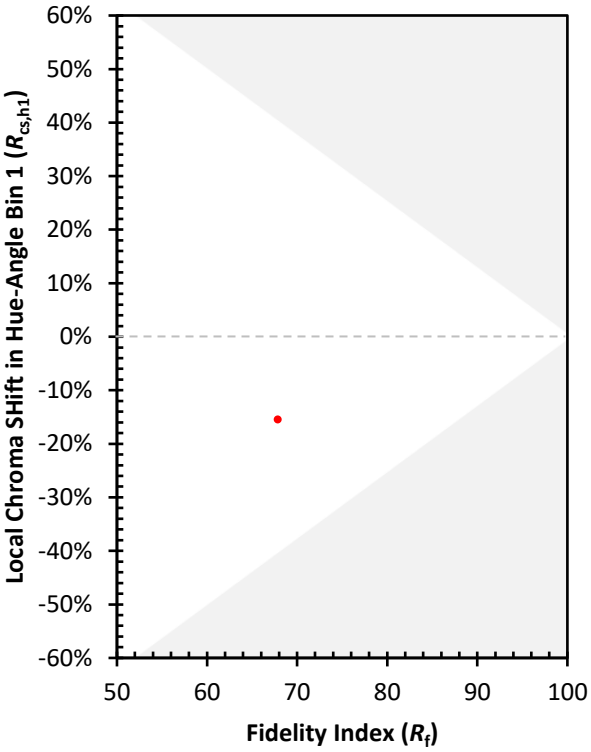


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)