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: P1366487

Luminaire Tested: **GSS-SB5A-727-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:	P1366487
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5A-727-U-T3R
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 143W 70CRI 2700K FIXTURE w/ TYPE III ROADWAY DISTRIBUTION OPTIC
Light Source:	(130) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20087.6 lumens
Efficiency:	N/A
Efficacy:	140.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B3 - U0 - G3

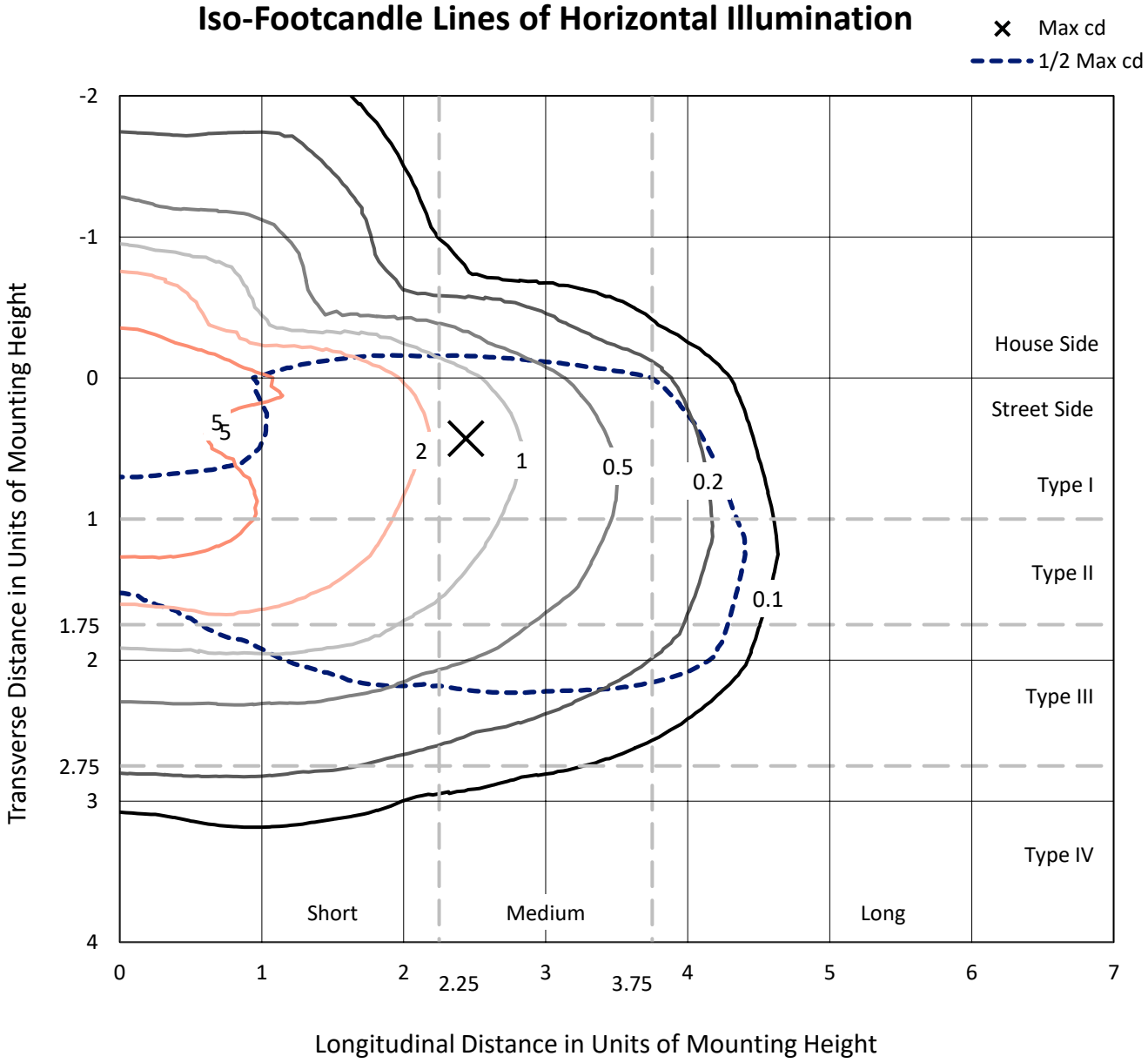
Input Watts (W):	143
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	10.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1366487
CATALOG NUMBER: GSS-SB5A-727-U-T3R

Iso-Footcandle Lines of Horizontal Illumination



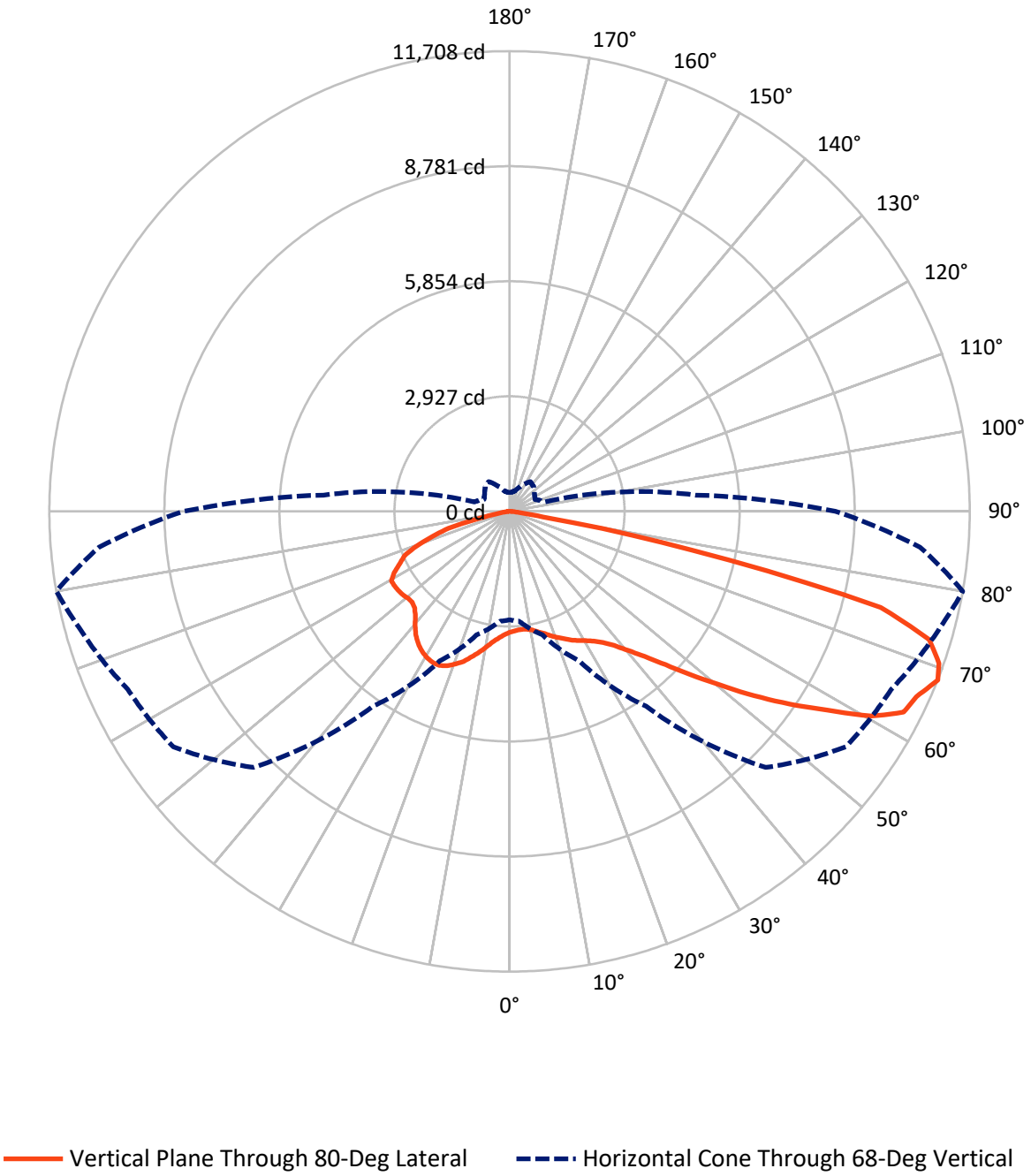
Based on 20 foot mounting height. Maximum calculated value = 8.7 fc
Type III - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1366487
CATALOG NUMBER: GSS-SB5A-727-U-T3R

Luminous Intensity Polar Plot



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

Scaled Data Report

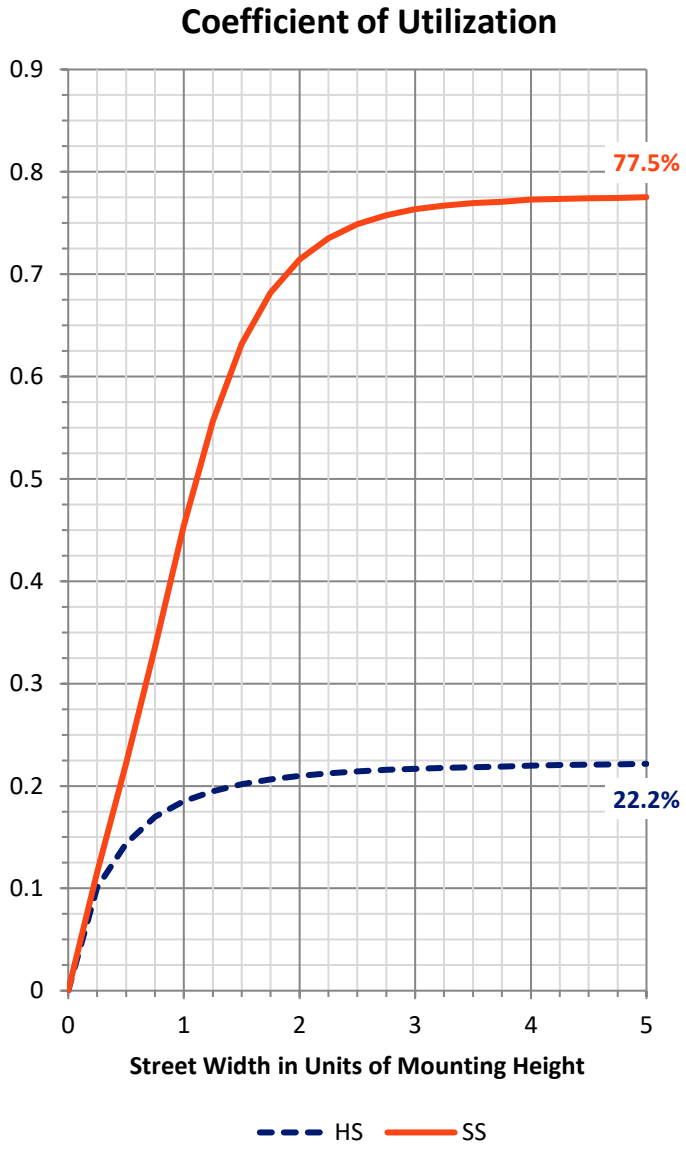
REPORT NUMBER: P1366487
CATALOG NUMBER: GSS-SB5A-727-U-T3R

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4488.8	0.0	4488.8
	% Fixture	22.3	0.0	22.3
Street Side	Lumens	15598.8	0.0	15598.8
	% Fixture	77.7	0.0	77.7
Total	Lumens	20087.6	0.0	20087.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	297.0	1.5
10°-20°	848.1	4.2
20°-30°	1398.3	7.0
30°-40°	2146.8	10.7
40°-50°	3314.7	16.5
50°-60°	4578.5	22.8
60°-70°	4692.5	23.4
70°-80°	2657.6	13.2
80°-90°	154.1	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°	20087.6	100.0
0°-180°	20087.6	100.0



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

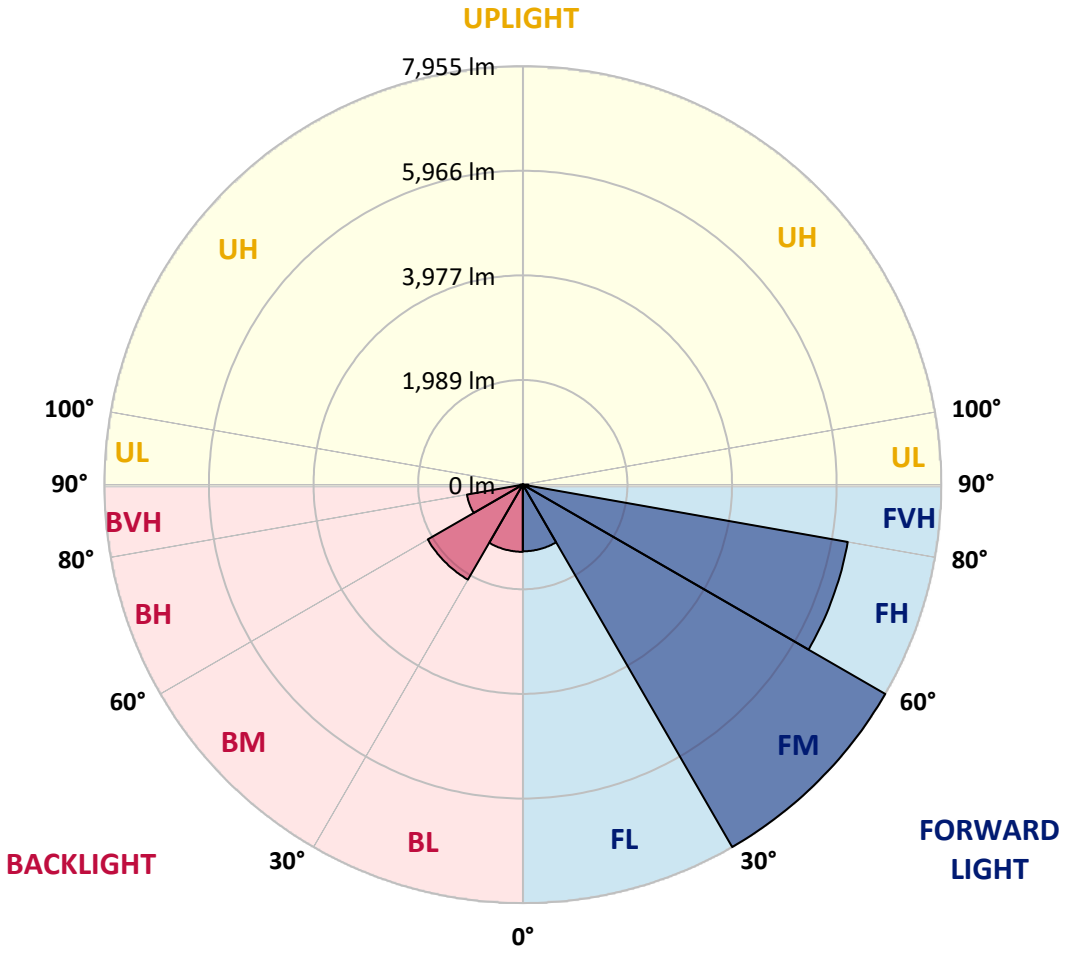
Scaled Data Report

REPORT NUMBER: P1366487
CATALOG NUMBER: GSS-SB5A-727-U-T3R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1266.4	6.3			
FM	(30°-60°)	7954.8	39.6			
FH	(60°-80°)	6271.3	31.2			G3/7500
FVH	(80°-90°)	106.2	0.5			G2/225
BL	(0°-30°)	1277.0	6.4	B3/2500		
BM	(30°-60°)	2085.2	10.4	B2/2500		
BH	(60°-80°)	1078.8	5.4	B3/2500		G3/2500
BVH	(80°-90°)	47.8	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: P1366487
CATALOG NUMBER: GSS-SB5A-727-U-T3R

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	*3068.7*	3068.7
2.5°	2853.2	2843.8	2839.2	2848.5	2862.6	2890.7	2923.5	2946.9	3003.1	*3035.9*	3064.0
5°	2703.3	2698.6	2698.6	2722.0	2745.5	2778.2	2825.1	2867.3	2951.6	*3017.2*	3064.0
7.5°	2525.3	2520.6	2520.6	2572.1	2619.0	2693.9	2768.9	2839.2	2942.2	*3026.6*	3101.5
10°	2337.9	2337.9	2347.2	2412.8	2492.5	2600.2	2726.7	2834.5	2965.7	*3064.0*	3167.1
12.5°	2258.2	2253.5	2258.2	2319.1	2398.8	2544.0	2689.2	2853.2	3012.5	*3139.0*	3260.8
15°	2276.9	2267.6	2258.2	2309.7	2370.6	2515.9	2689.2	2890.7	3092.1	*3214.0*	3382.6
17.5°	2375.3	2370.6	2342.5	2356.6	2398.8	2529.9	2712.7	2946.9	3171.8	*3317.0*	3499.7
20°	2567.4	2553.4	2511.2	2487.8	2492.5	2576.8	2754.8	3021.9	3246.8	*3420.1*	3626.2
22.5°	2886.0	2876.6	2806.4	2712.7	2651.8	2675.2	2829.8	3106.2	3349.8	*3513.8*	3771.5
25°	3307.7	3284.2	3176.5	3026.6	2886.0	2834.5	2923.5	3218.6	3448.2	*3626.2*	3907.3
27.5°	3757.4	3762.1	3663.7	3438.8	3195.2	3021.9	3045.3	3331.1	3560.7	*3719.9*	4024.5
30°	4282.2	4258.7	4151.0	3916.7	3560.7	3270.2	3171.8	3438.8	3663.7	*3813.6*	4165.0
32.5°	4975.5	4980.2	4788.1	4427.4	3982.3	3574.7	3335.8	3551.3	3780.9	*3935.5*	4338.4
35°	5814.2	5795.4	5565.9	5130.2	4525.8	3926.1	3546.6	3696.5	3921.4	*4094.8*	4539.8
37.5°	6563.8	6512.2	6376.4	5959.4	5209.8	4404.0	3832.4	3888.6	4141.6	*4324.3*	4839.7
40°	7233.8	7210.3	7186.9	6868.3	5992.2	4999.0	4207.2	4183.8	4413.3	*4652.3*	5209.8
42.5°	7786.6	7781.9	7791.3	7721.0	6948.0	5743.9	4731.9	4567.9	4797.5	*5041.1*	5645.5
45°	8189.5	8180.1	8278.5	8423.8	7880.3	6634.1	5350.4	5045.8	5284.8	*5561.2*	6198.4
47.5°	8620.5	8625.2	8761.1	9004.7	8789.2	7519.5	6053.1	5640.8	5856.3	*6207.7*	6858.9
50°	8789.2	8789.2	9112.5	9459.2	9520.1	8461.2	6891.7	6348.3	6568.5	*6943.3*	7524.2
52.5°	8423.8	8494.0	9060.9	9712.2	9997.9	9332.7	7777.2	7116.6	7304.0	*7786.6*	8184.8
55°	6381.1	6629.4	8667.4	9590.3	10176.0	10016.7	8658.0	7969.3	8175.5	*8653.3*	8864.2
57.5°	5509.6	5575.2	6798.0	9164.0	9951.1	10386.8	9473.2	8878.2	9065.6	*9534.1*	9571.6
60°	4844.4	4933.4	5683.0	8442.5	9506.0	10349.3	10152.6	9716.8	9979.2	*10574.2*	10288.4
62.5°	3926.1	4019.8	4652.3	6746.5	8920.4	10087.0	10682.0	10508.6	10756.9	*11253.5*	10583.6
65°	3457.6	3490.4	3944.8	5172.3	7842.8	9862.1	10953.7	10845.9	10953.7	*11370.7*	10433.7
67.5°	2881.3	2946.9	3387.3	4389.9	6334.2	9384.2	10550.8	10705.4	11239.5	*11651.8*	10546.1
68°	*2759.5*	*2806.4*	*3256.1*	*4197.8*	*6053.1*	*9210.9*	*10443.0*	*10714.8*	*11351.9*	*11708.0*	*10485.2*
70°	2253.5	2319.1	2717.3	3518.5	5073.9	7374.3	10021.4	10897.5	11431.6	*11590.9*	10152.6
72.5°	1115.0	1232.2	1874.0	2483.1	3663.7	5331.6	8784.5	10663.2	11267.6	*11169.2*	9449.8
75°	393.5	421.7	876.1	1344.6	1775.6	3452.9	6212.4	9721.5	10330.6	*9754.3*	7922.5
77.5°	281.1	304.5	496.6	679.3	730.9	1733.5	3982.3	6427.9	6109.3	*4731.9*	3607.5
80°	220.2	238.9	370.1	379.5	365.4	609.1	1358.7	1949.0	1372.7	*862.1*	623.1
82.5°	135.9	164.0	276.4	229.6	168.7	192.1	318.6	524.7	374.8	*238.9*	192.1
85°	51.5	65.6	126.5	89.0	56.2	75.0	107.8	140.6	107.8	*79.6*	70.3
87.5°	4.7	4.7	9.4	9.4	14.1	18.7	28.1	37.5	42.2	*42.2*	42.2
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: P1366487
CATALOG NUMBER: GSS-SB5A-727-U-T3R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7	3068.7
2.5°	3082.8	3096.8	3157.7	3190.5	3251.4	3298.3	3326.4	3340.5	3354.5	3363.9	3359.2
5°	3115.6	3157.7	3274.9	3363.9	3434.2	3481.0	3504.4	3523.2	3527.9	3537.2	3532.5
7.5°	3176.5	3242.1	3420.1	3523.2	3584.1	3602.8	3584.1	3574.7	3560.7	3546.6	3546.6
10°	3274.9	3377.9	3588.8	3663.7	3668.4	3640.3	3579.4	3509.1	3457.6	3438.8	3429.5
12.5°	3401.4	3546.6	3762.1	3780.9	3719.9	3588.8	3415.4	3270.2	3176.5	3106.2	3101.5
15°	3556.0	3724.6	3912.0	3855.8	3682.5	3406.0	3120.3	2914.1	2806.4	2745.5	2717.3
17.5°	3715.3	3930.8	4047.9	3893.3	3527.9	3078.1	2736.1	2572.1	2473.7	2440.9	2417.5
20°	3893.3	4099.4	4141.6	3837.1	3246.8	2712.7	2403.4	2300.4	2300.4	2291.0	2281.6
22.5°	4076.0	4272.8	4193.1	3682.5	2876.6	2351.9	2164.5	2202.0	2267.6	2286.3	2286.3
25°	4244.7	4422.7	4193.1	3406.0	2436.2	2056.7	2070.8	2159.8	2244.1	2291.0	2291.0
27.5°	4408.7	4516.4	4108.8	3017.2	2038.0	1906.8	1991.2	2098.9	2234.8	2305.1	2309.7
30°	4572.6	4586.7	3958.9	2520.6	1752.2	1799.1	1897.5	2038.0	2187.9	2276.9	2286.3
32.5°	4746.0	4652.3	3748.1	2028.6	1621.0	1696.0	1813.1	1925.6	2042.7	2108.3	2113.0
35°	4942.8	4713.2	3476.3	1649.1	1536.7	1625.7	1714.7	1752.2	1785.0	1822.5	1845.9
37.5°	5158.3	4792.8	3120.3	1457.1	1457.1	1560.1	1611.7	1536.7	1527.3	1522.6	1508.6
40°	5397.2	4877.2	2675.2	1358.7	1396.2	1489.9	1447.7	1358.7	1293.1	1222.8	1227.5
42.5°	5697.0	4984.9	2169.2	1311.8	1354.0	1433.6	1316.5	1208.7	1030.7	983.9	993.2
45°	6039.1	5120.8	1766.3	1269.7	1321.2	1382.1	1227.5	1021.3	908.9	955.8	988.6
47.5°	6399.8	5298.8	1475.8	1236.9	1307.1	1321.2	1171.3	937.0	862.1	965.1	1007.3
50°	6826.1	5462.8	1339.9	1204.1	1302.4	1302.4	1072.9	923.0	824.6	913.6	955.8
52.5°	7257.2	5622.1	1269.7	1166.6	1288.4	1297.8	1049.5	904.2	773.0	801.1	819.9
55°	7678.8	5711.1	1232.2	1115.0	1274.3	1274.3	1058.8	871.4	721.5	721.5	730.9
57.5°	8105.2	5772.0	1199.4	1054.1	1227.5	1204.1	1058.8	848.0	702.8	684.0	693.4
60°	8578.4	5809.5	1166.6	983.9	1161.9	1119.7	1054.1	829.3	679.3	651.2	655.9
62.5°	8653.3	5547.1	1105.7	908.9	1072.9	1049.5	1035.4	805.8	641.9	585.6	585.6
65°	8386.3	5153.6	1030.7	815.2	955.8	979.2	997.9	777.7	604.4	538.8	543.5
67.5°	8358.2	4858.4	951.1	730.9	801.1	890.2	951.1	730.9	548.2	491.9	487.2
68°	*8292.6*	*4750.7*	*927.6*	*712.1*	*773.0*	*871.4*	*923.0*	*712.1*	*538.8*	*482.6*	*482.6*
70°	7870.9	4282.2	787.1	627.8	684.0	712.1	810.5	632.5	482.6	435.7	440.4
72.5°	7051.0	3490.4	604.4	510.7	548.2	548.2	702.8	585.6	440.4	398.2	398.2
75°	5879.8	2759.5	459.1	402.9	384.2	445.1	571.6	529.4	388.9	356.1	342.0
77.5°	2670.5	1190.0	299.8	281.1	285.8	346.7	454.5	454.5	370.1	290.5	257.7
80°	590.3	370.1	182.7	168.7	168.7	220.2	318.6	328.0	267.0	201.5	173.3
82.5°	196.8	149.9	112.4	103.1	98.4	117.1	196.8	215.5	159.3	117.1	117.1
85°	75.0	70.3	60.9	56.2	46.9	46.9	60.9	98.4	84.3	56.2	56.2
87.5°	37.5	37.5	32.8	23.4	18.7	14.1	9.4	9.4	9.4	14.1	9.4
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

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

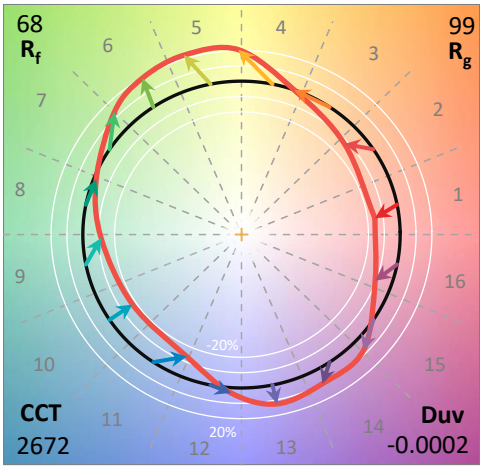
Test Information

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

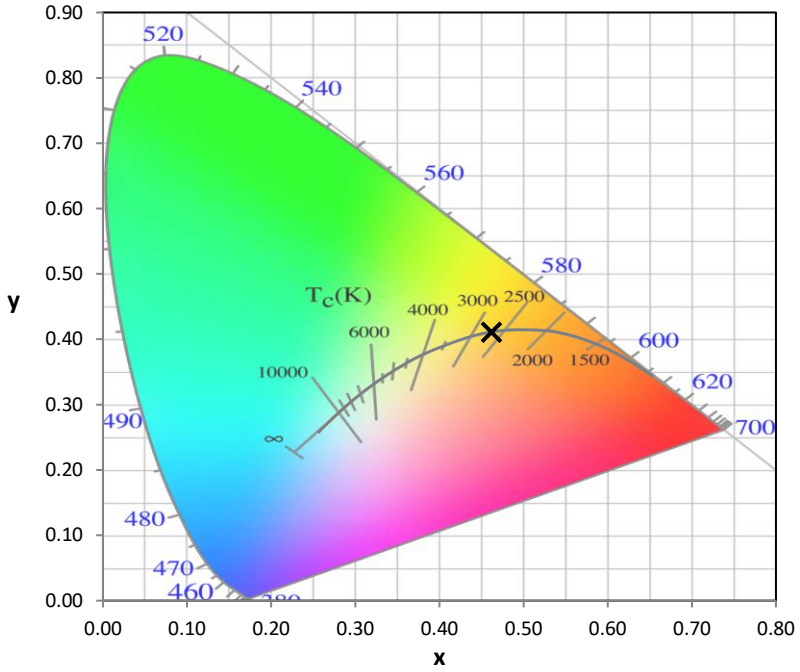
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

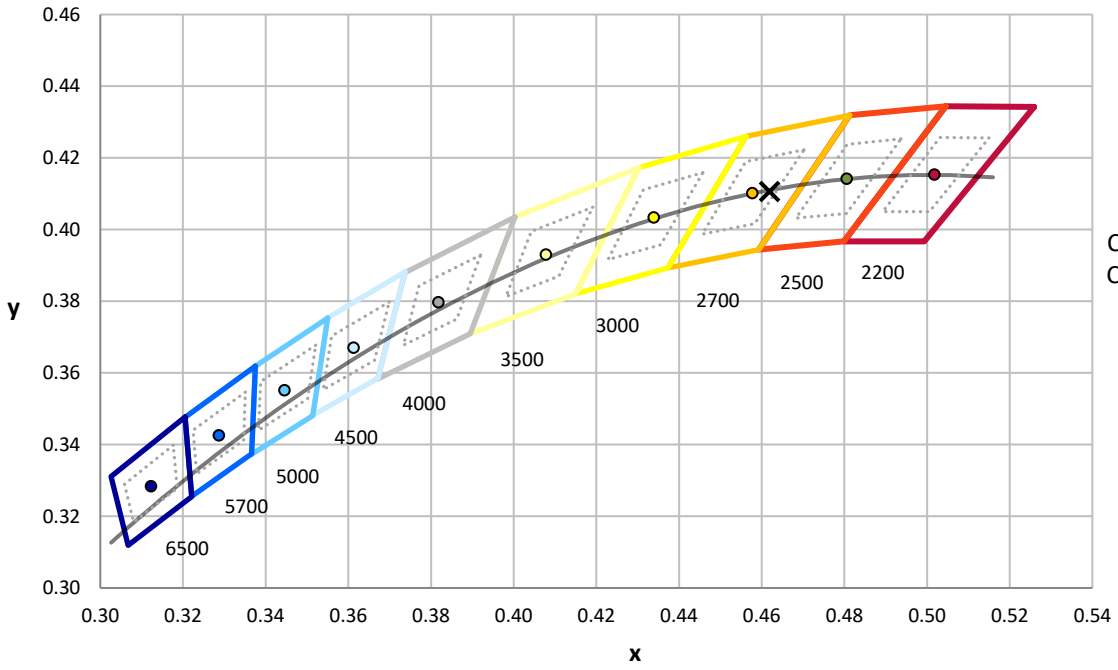
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

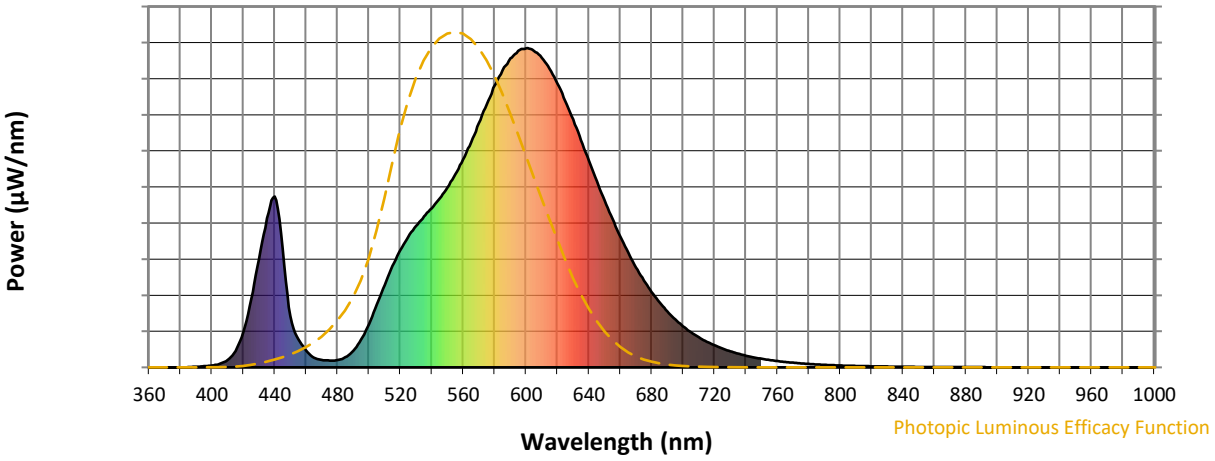


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

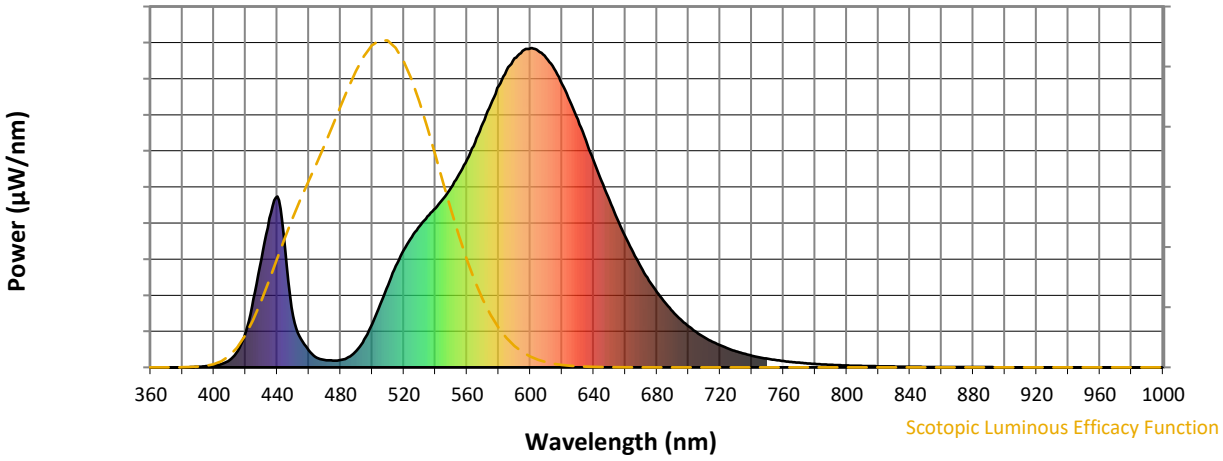


Photopic Lumens: NR

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

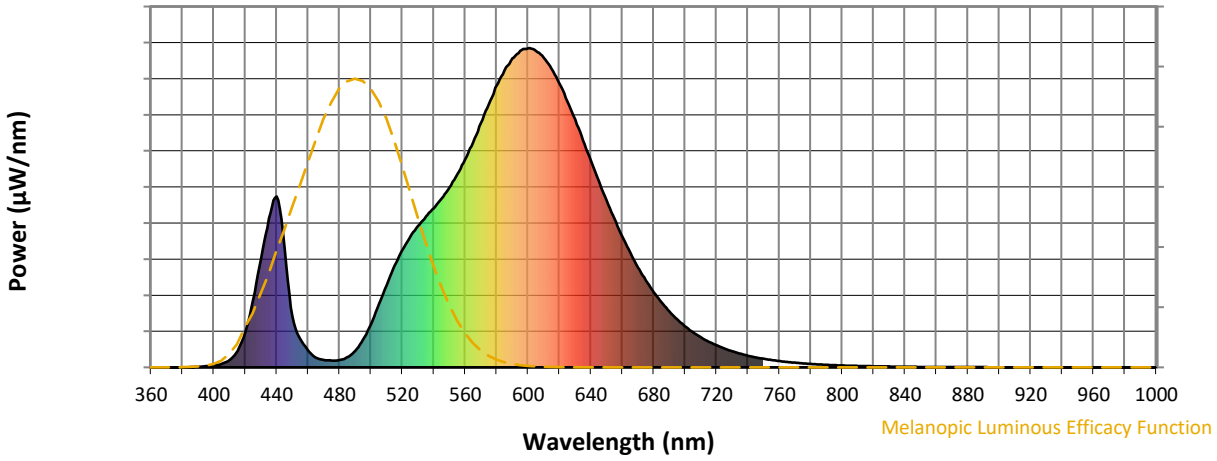


Scotopic Lumens: NR **S/P: 1.02**

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			

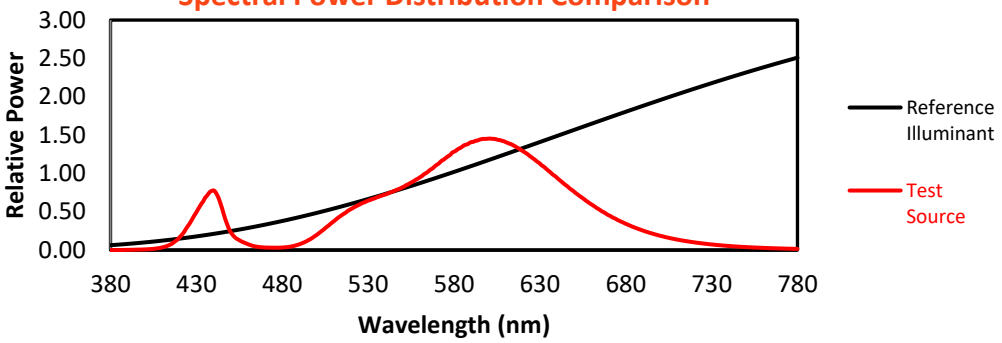
REPORT NUMBER: SP1-2407-184-3

TM-30-18

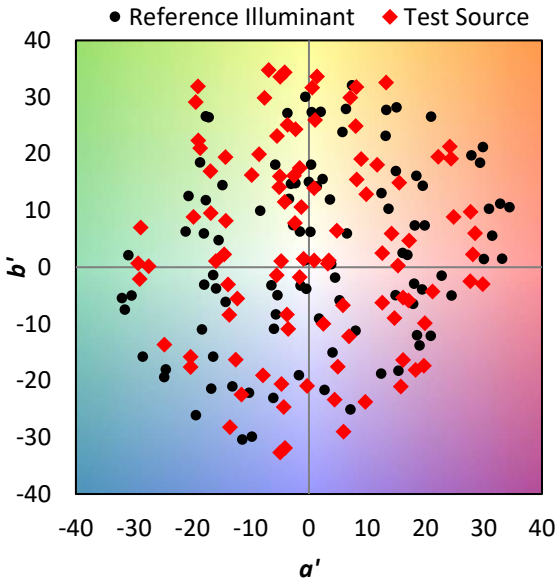
Summary

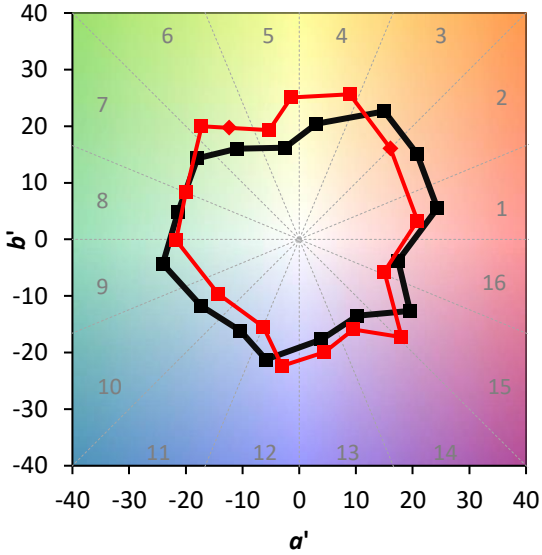
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

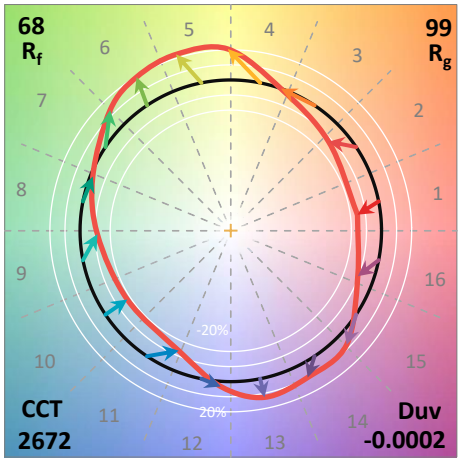
Spectral Power Distribution Comparison

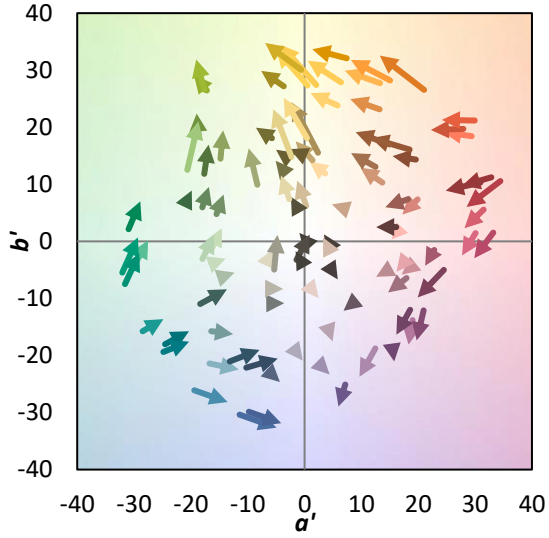


Color Vector Graphics







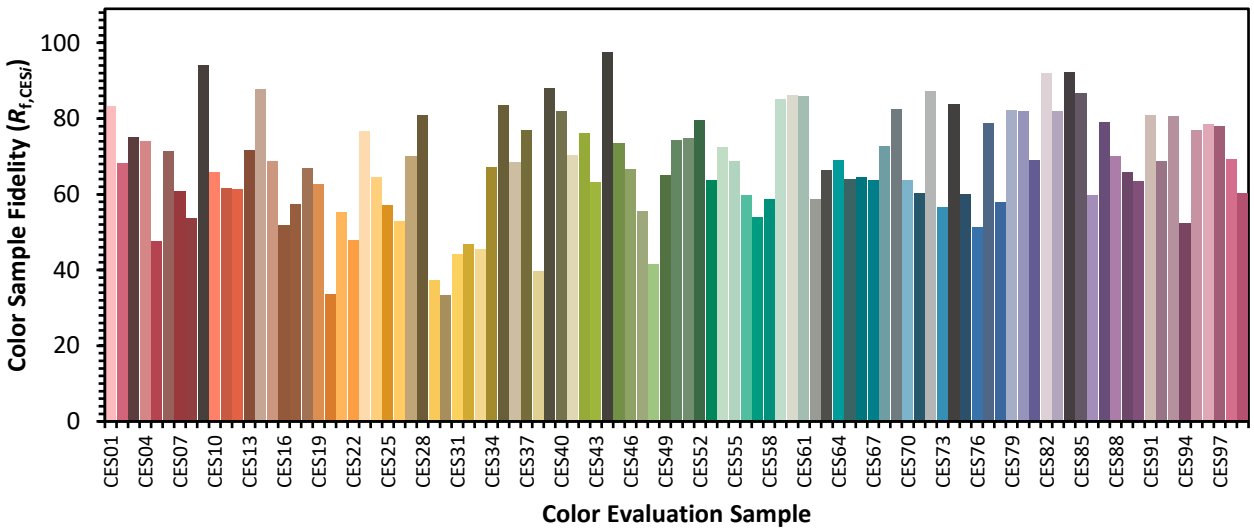


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

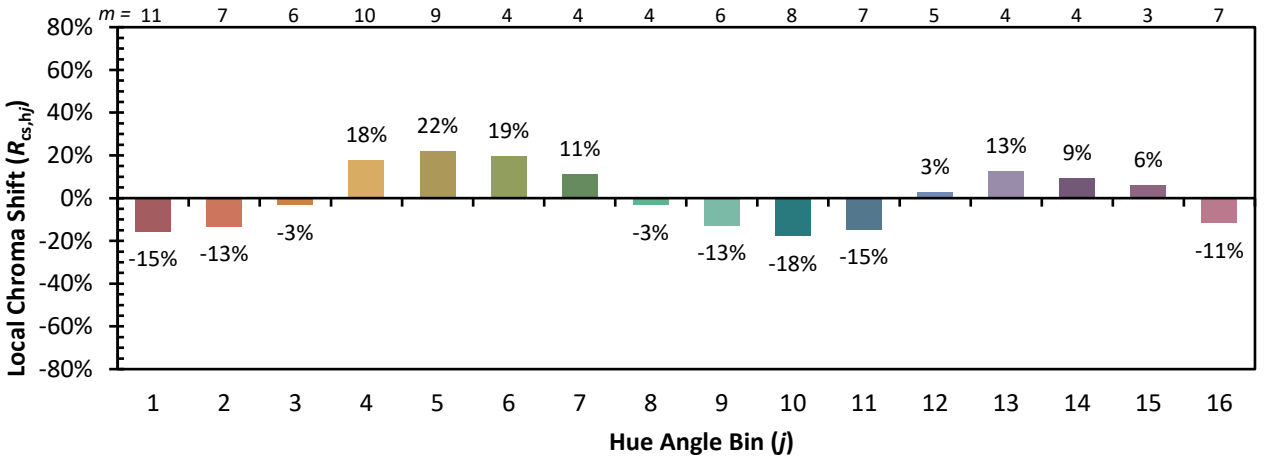
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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	

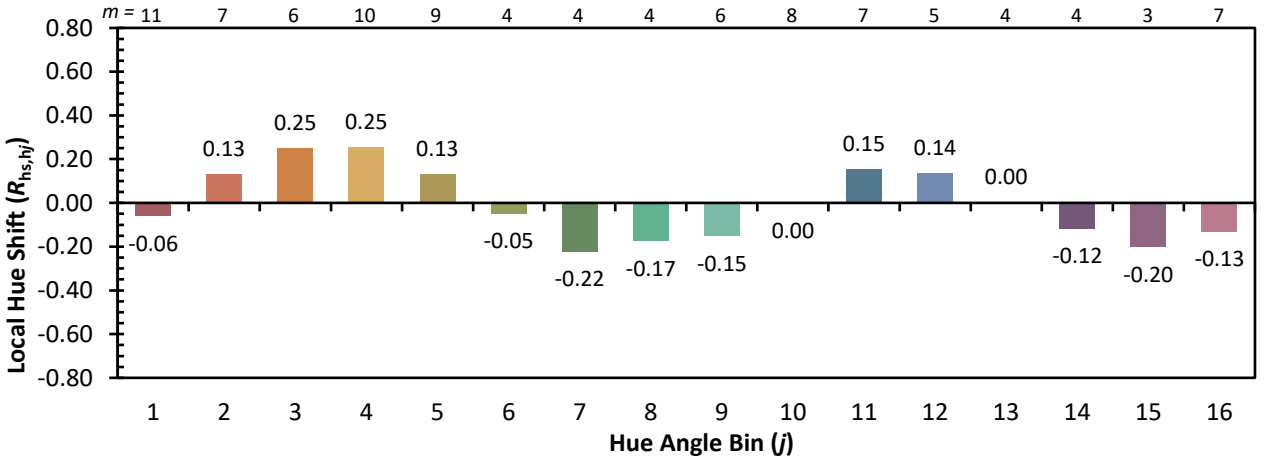


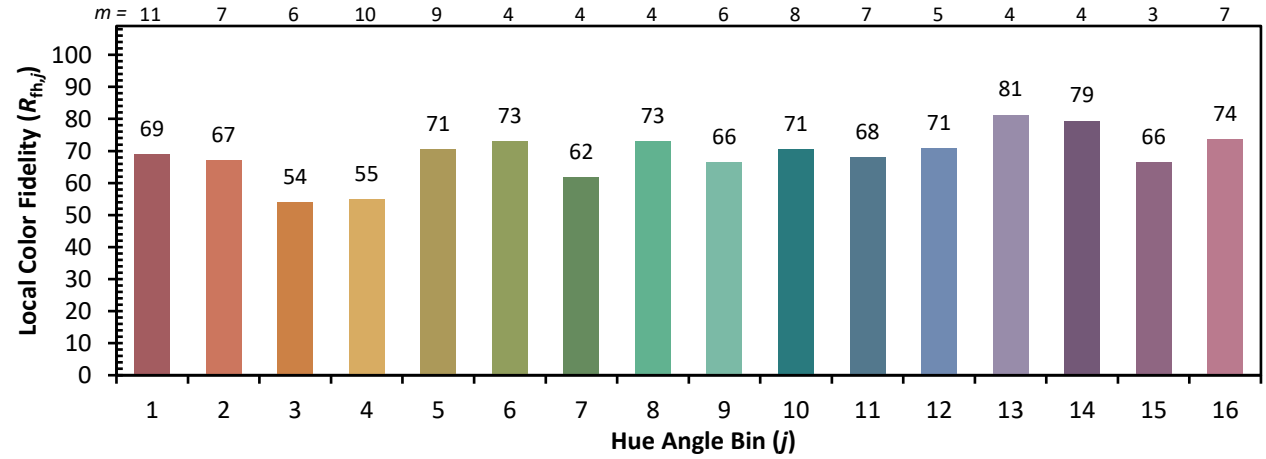
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



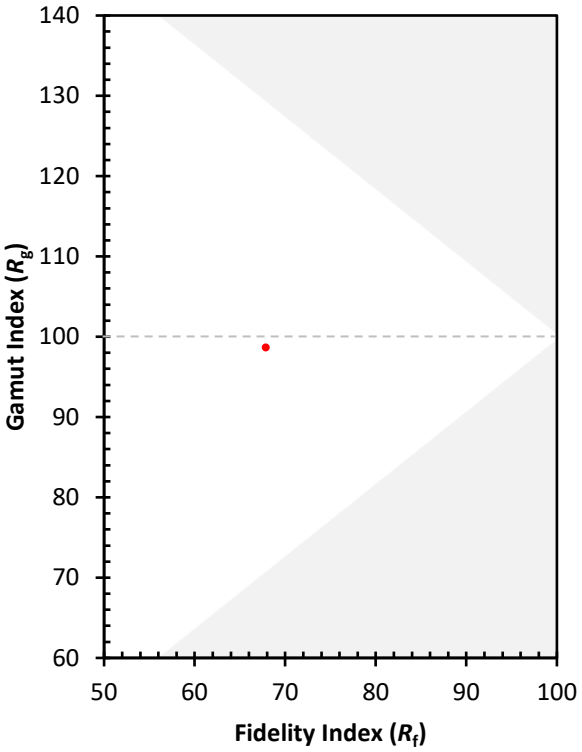


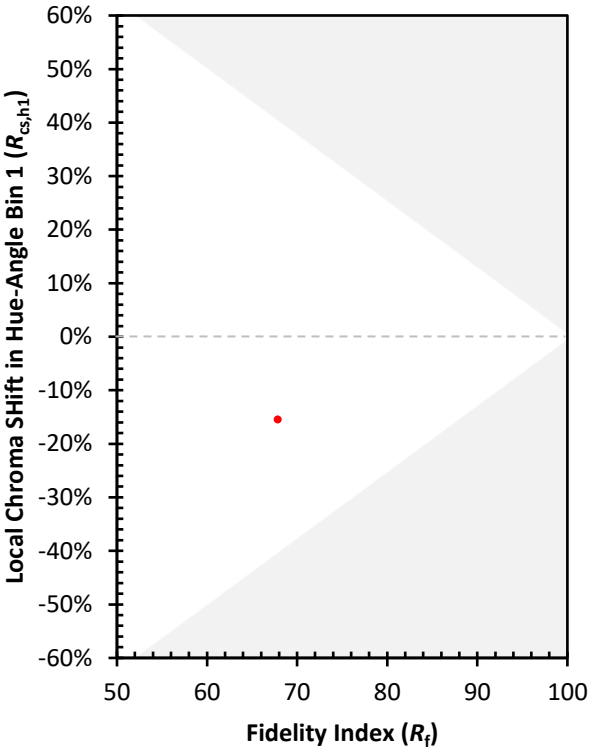


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)