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: P1359195

Luminaire Tested: **GSS-SB6A-727-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:	P1359195
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6A-727-U-T2
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 170W 70CRI 2700K FIXTURE w/ TYPE II DISTRIBUTION OPTIC
Light Source:	(156) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23603.6 lumens
Efficiency:	N/A
Efficacy:	138.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B3 - U0 - G3

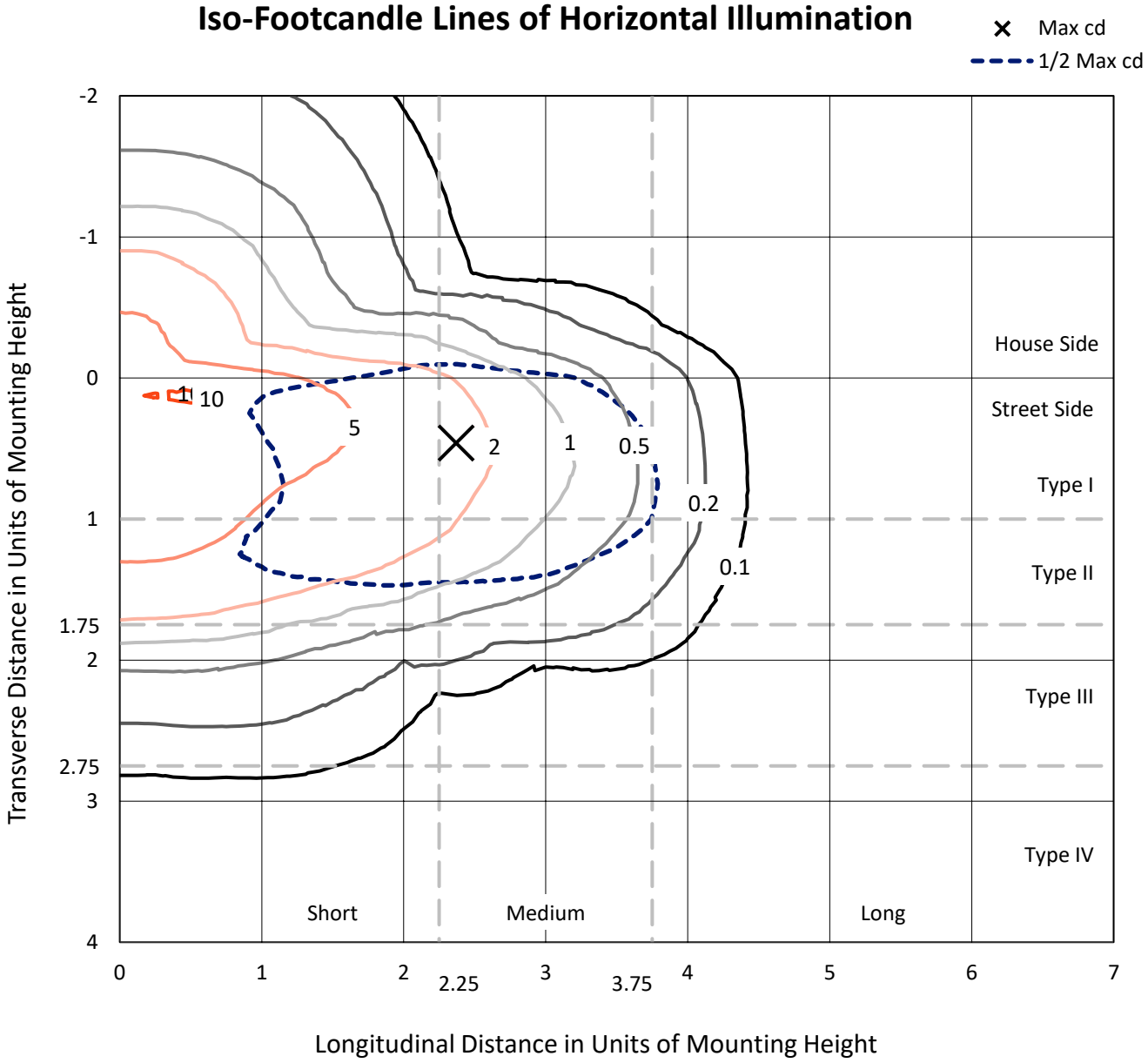
Input Watts (W):	170
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	12.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1359195
CATALOG NUMBER: GSS-SB6A-727-U-T2

Iso-Footcandle Lines of Horizontal Illumination



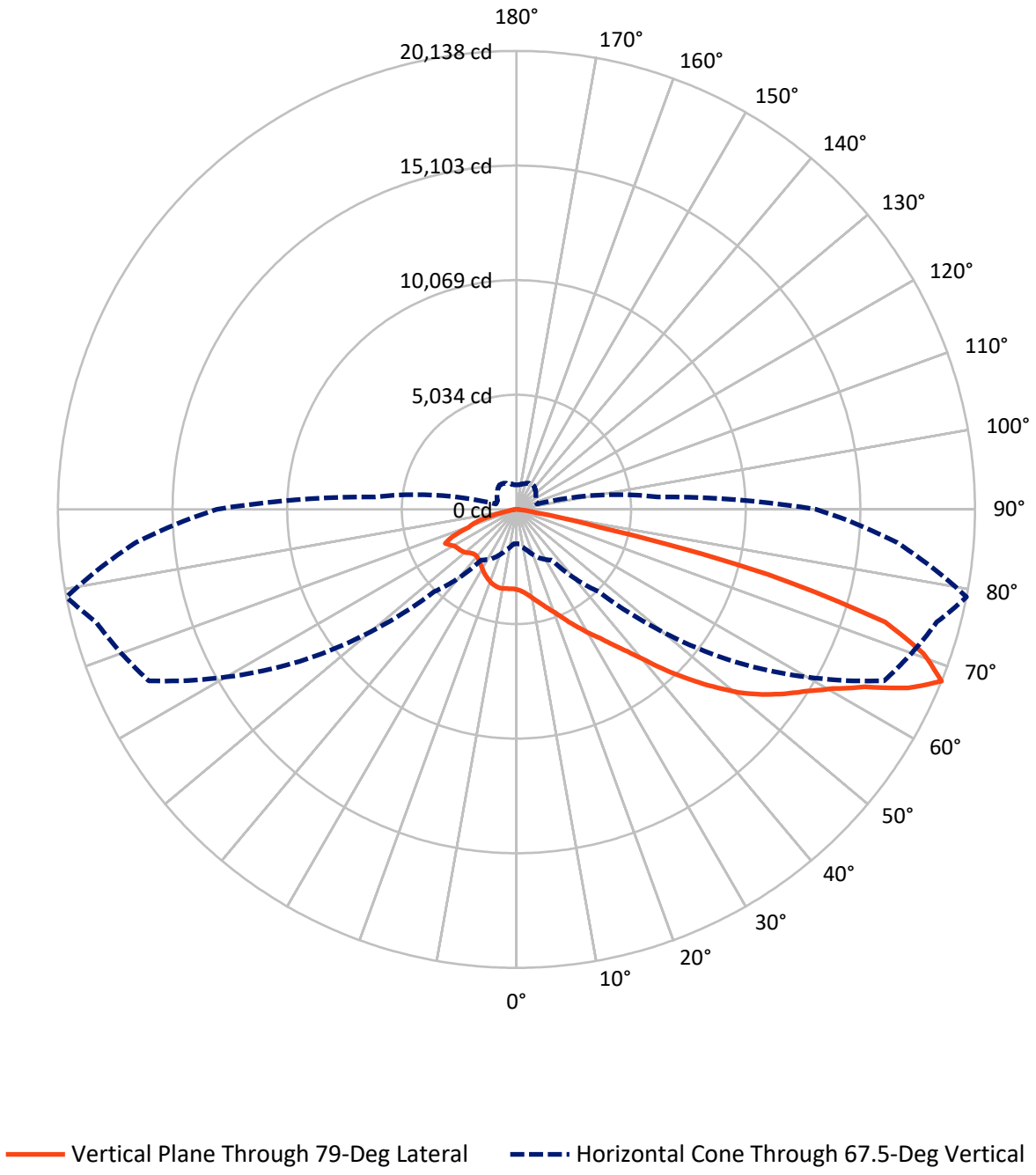
Based on 20 foot mounting height. Maximum calculated value = 10.5 fc
Type II - Medium - N/A

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

Scaled Data Report

REPORT NUMBER: P1359195
CATALOG NUMBER: GSS-SB6A-727-U-T2

Luminous Intensity Polar Plot



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

Scaled Data Report

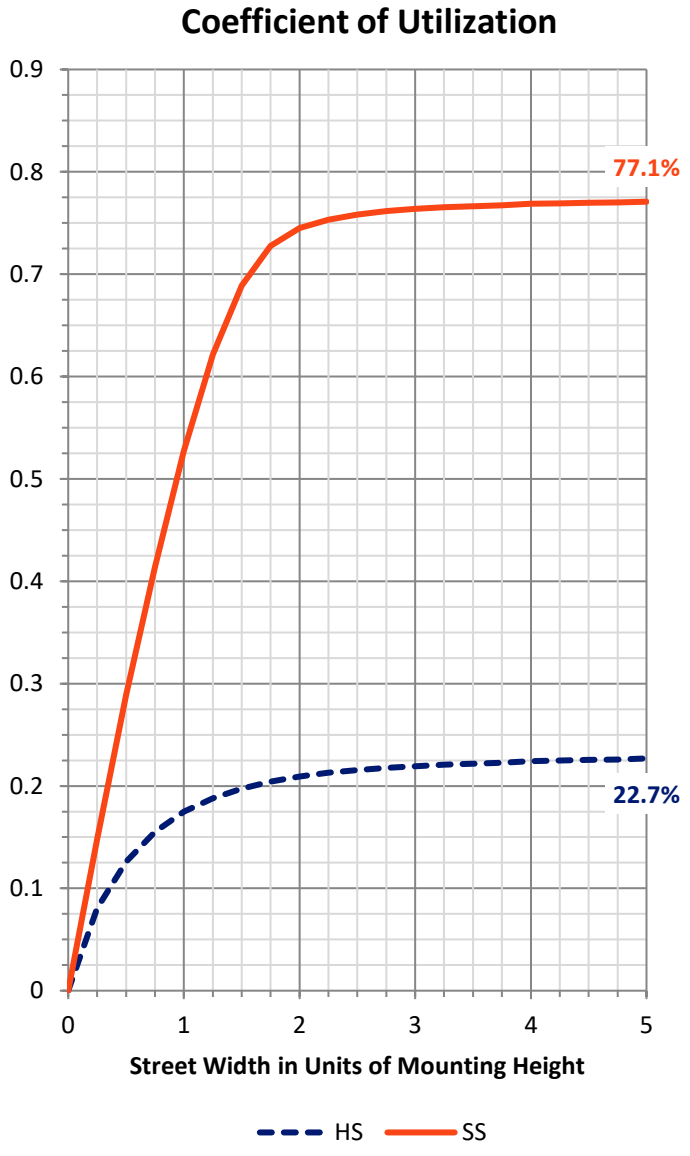
REPORT NUMBER: P1359195
CATALOG NUMBER: GSS-SB6A-727-U-T2

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5408.2	0.0	5408.2
	% Fixture	22.9	0.0	22.9
Street Side	Lumens	18195.5	0.0	18195.5
	% Fixture	77.1	0.0	77.1
Total	Lumens	23603.6	0.0	23603.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	336.4	1.4
10°-20°	1012.8	4.3
20°-30°	1711.2	7.2
30°-40°	2639.8	11.2
40°-50°	4031.4	17.1
50°-60°	5574.0	23.6
60°-70°	5633.0	23.9
70°-80°	2478.3	10.5
80°-90°	186.7	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°	23603.6	100.0
0°-180°	23603.6	100.0



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

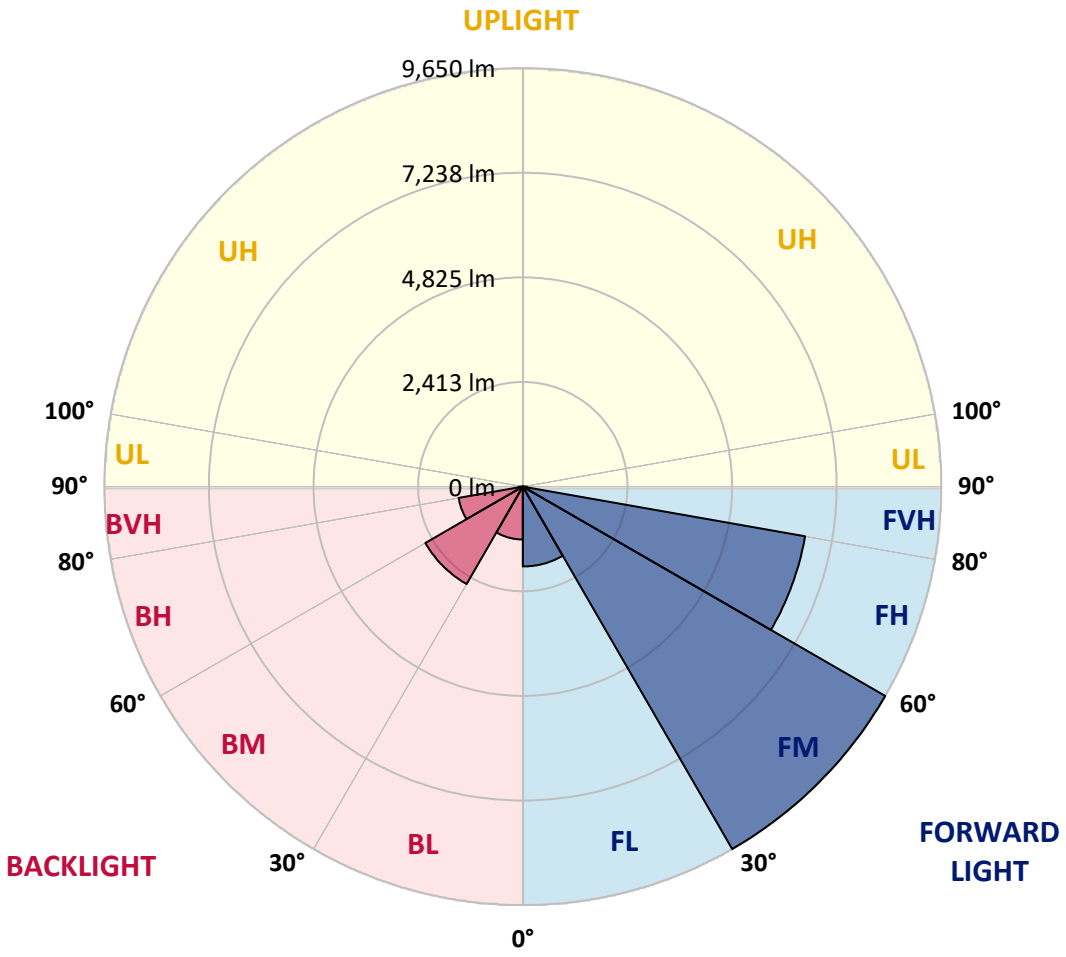
Scaled Data Report

REPORT NUMBER: P1359195
CATALOG NUMBER: GSS-SB6A-727-U-T2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1841.5	7.8			
FM	(30°-60°)	9650.3	40.9			
FH	(60°-80°)	6609.1	28.0			G3/7500
FVH	(80°-90°)	94.6	0.4			G1/100
BL	(0°-30°)	1218.8	5.2	B3/2500		
BM	(30°-60°)	2595.0	11.0	B3/5000		
BH	(60°-80°)	1502.2	6.4	B3/2500		G3/2500
BVH	(80°-90°)	92.1	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: P1359195
CATALOG NUMBER: GSS-SB6A-727-U-T2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	*3520.5*	3520.5
2.5°	3683.9	3741.9	3741.9	3715.5	3705.0	3699.7	3662.8	3620.7	3604.9	*3578.5*	3562.7
5°	3910.5	3910.5	3921.1	3894.7	3910.5	3889.5	3836.8	3784.0	3720.8	*3673.4*	3652.3
7.5°	3931.6	3973.8	4000.1	4000.1	4031.8	4037.0	4010.7	3952.7	3873.6	*3799.9*	3763.0
10°	3952.7	3989.6	3989.6	4031.8	4100.3	4153.0	4168.8	4147.7	4021.2	*3968.5*	3894.7
12.5°	3905.3	3947.4	3963.2	4047.6	4142.4	4242.6	4316.3	4326.9	4247.8	*4153.0*	4042.3
15°	3741.9	3778.8	3842.0	3968.5	4137.2	4290.0	4432.3	4511.3	4421.8	*4353.2*	4200.4
17.5°	3520.5	3541.6	3647.0	3810.4	4042.3	4300.5	4548.2	4701.1	4680.0	*4590.4*	4411.2
20°	3499.5	3520.5	3552.2	3673.4	3942.2	4263.6	4622.0	4917.2	4975.1	*4838.1*	4616.8
22.5°	3678.6	3699.7	3699.7	3715.5	3884.2	4232.0	4695.8	5149.0	5280.8	*5164.9*	4880.3
25°	3926.3	3968.5	3921.1	3884.2	3942.2	4253.1	4738.0	5412.6	5670.8	*5528.5*	5175.4
27.5°	4279.5	4274.2	4232.0	4121.3	4105.5	4316.3	4853.9	5618.1	6045.0	*5897.4*	5481.1
30°	4769.6	4795.9	4701.1	4469.2	4363.8	4458.6	5012.0	5786.8	6440.3	*6319.0*	5770.9
32.5°	5323.0	5312.4	5196.5	4975.1	4716.9	4690.5	5159.6	5965.9	6893.5	*6740.7*	6134.6
35°	5918.5	5908.0	5871.1	5491.6	5154.3	5012.0	5396.8	6171.5	7420.5	*7294.0*	6561.5
37.5°	6456.1	6503.5	6614.2	6002.8	5644.5	5433.6	5702.4	6514.0	8095.1	*7910.7*	7078.0
40°	6914.6	6998.9	7104.3	6550.9	6103.0	5923.8	6108.2	7072.7	8817.2	*8706.5*	7699.9
42.5°	7336.2	7394.2	7383.6	7046.3	6661.6	6461.3	6619.5	7652.4	9750.0	*9670.9*	8464.0
45°	7852.7	7915.9	7889.6	7568.1	7183.4	7004.2	7288.8	8332.3	10635.4	*10645.9*	9186.1
47.5°	8358.6	8421.9	8406.1	8110.9	7742.0	7594.5	7984.5	9133.4	11489.2	*11631.5*	9971.3
50°	8833.0	8890.9	8922.6	8738.1	8416.6	8258.5	8664.3	9887.0	12316.6	*12638.1*	10719.7
52.5°	8964.7	9038.5	9254.6	9323.1	9180.8	8991.1	9286.2	10609.0	13028.1	*13507.7*	11441.7
55°	8532.6	8659.0	9122.8	9470.7	9892.3	9913.4	9934.4	11310.0	13650.0	*14293.0*	12100.5
57.5°	7778.9	7800.0	8342.8	9049.0	10050.4	10946.3	11051.7	12126.9	14256.1	*15057.1*	12754.0
60°	6108.2	5997.6	6877.7	8074.0	9481.2	11357.4	12833.1	13391.7	15009.7	*15979.4*	13539.3
62.5°	3272.8	3283.4	4010.7	5496.9	7852.7	10956.9	14361.5	15278.5	16111.2	*17175.8*	14704.0
65°	2055.4	2134.5	2545.5	3204.3	4753.8	8706.5	14456.3	17787.1	17855.7	*18915.0*	16163.9
67.5°	*1502.0*	*1523.1*	*1870.9*	*2350.5*	*2724.7*	*5106.9*	*11636.7*	*17818.8*	*19115.2*	*20137.7*	*16785.8*
70°	1117.3	1127.8	1375.5	1770.8	1986.9	2392.7	7415.3	15420.8	18461.7	*18967.7*	15231.1
72.5°	816.9	822.2	953.9	1301.8	1565.3	1423.0	3483.6	11109.7	16032.1	*16933.4*	13702.7
75°	574.5	585.0	679.9	901.2	1054.1	990.8	1328.1	6946.2	11510.3	*11410.1*	9570.8
77.5°	432.2	437.4	500.7	637.7	716.8	648.2	748.4	3246.5	4110.8	*3710.3*	3019.9
80°	316.2	332.0	363.6	400.5	479.6	416.4	421.6	911.8	990.8	*869.6*	780.0
82.5°	168.6	189.7	242.4	242.4	279.3	247.7	221.4	405.8	426.9	*400.5*	347.8
85°	52.7	52.7	58.0	73.8	110.7	110.7	110.7	137.0	142.3	*142.3*	121.2
87.5°	10.5	10.5	10.5	10.5	15.8	21.1	31.6	42.2	47.4	*52.7*	52.7
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: P1359195
CATALOG NUMBER: GSS-SB6A-727-U-T2

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5	3520.5
2.5°	3552.2	3515.3	3478.4	3415.1	3383.5	3336.1	3293.9	3272.8	3257.0	3251.8	3251.8
5°	3620.7	3562.7	3446.8	3336.1	3235.9	3146.3	3077.8	3025.1	2993.5	2967.2	2967.2
7.5°	3689.2	3610.1	3436.2	3241.2	3098.9	2988.2	2893.4	2861.8	2851.2	2824.9	2809.1
10°	3805.1	3678.6	3420.4	3141.1	2940.8	2845.9	2803.8	2793.2	2798.5	2803.8	2803.8
12.5°	3894.7	3757.7	3378.2	3014.6	2819.6	2766.9	2772.2	2798.5	2840.7	2835.4	2824.9
15°	4021.2	3815.7	3293.9	2867.0	2724.7	2724.7	2777.4	2835.4	2877.6	2903.9	2888.1
17.5°	4168.8	3884.2	3167.4	2730.0	2645.7	2693.1	2803.8	2861.8	2935.5	2951.3	2940.8
20°	4353.2	3942.2	3025.1	2598.2	2593.0	2693.1	2788.0	2872.3	2930.3	2946.1	2956.6
22.5°	4532.4	3994.9	2840.7	2503.4	2535.0	2661.5	2751.1	2840.7	2867.0	2882.8	2888.1
25°	4716.9	4047.6	2672.0	2429.6	2492.8	2619.3	2693.1	2730.0	2735.3	2724.7	2724.7
27.5°	4917.2	4052.8	2503.4	2371.6	2445.4	2556.1	2598.2	2608.8	2587.7	2513.9	2492.8
30°	5128.0	4000.1	2366.3	2318.9	2392.7	2482.3	2513.9	2482.3	2408.5	2303.1	2292.6
32.5°	5301.9	3921.1	2266.2	2255.7	2334.7	2413.8	2413.8	2355.8	2245.1	2139.7	2134.5
35°	5565.4	3810.4	2166.1	2213.5	2282.0	2318.9	2329.5	2245.1	2123.9	2023.8	2013.2
37.5°	5823.6	3715.5	2123.9	2160.8	2224.1	2255.7	2224.1	2139.7	2060.7	1976.3	1976.3
40°	6224.2	3657.6	2071.2	2123.9	2176.6	2181.9	2123.9	2060.7	2071.2	2023.8	2018.5
42.5°	6661.6	3652.3	2050.1	2087.0	2123.9	2113.4	2029.1	2029.1	2044.9	1955.3	1934.2
45°	7162.3	3726.1	2050.1	2034.3	2055.4	2023.8	1976.3	1965.8	1928.9	1797.2	1791.9
47.5°	7684.0	3905.3	2060.7	1960.5	1955.3	1944.7	1923.6	1886.8	1776.1	1665.4	1649.6
50°	8095.1	4153.0	2092.3	1865.7	1844.6	1881.5	1844.6	1781.3	1654.9	1549.5	1533.6
52.5°	8585.3	4400.7	2071.2	1749.7	1723.4	1818.2	1781.3	1691.8	1596.9	1533.6	1517.8
55°	9101.7	4658.9	1986.9	1591.6	1612.7	1739.2	1728.6	1628.5	1512.6	1428.2	1417.7
57.5°	9618.2	4985.7	1844.6	1454.6	1533.6	1691.8	1649.6	1528.4	1449.3	1391.3	1380.8
60°	10408.8	5454.7	1639.1	1312.3	1454.6	1591.6	1523.1	1486.2	1401.9	1354.5	1328.1
62.5°	11431.2	6234.7	1370.3	1180.5	1343.9	1470.4	1465.1	1423.0	1349.2	1296.5	1280.7
65°	12885.8	6977.8	1122.6	1054.1	1201.6	1322.8	1386.1	1349.2	1275.4	1217.4	1212.2
67.5°	*13165.1*	*6234.7*	*932.8*	*922.3*	*1043.5*	*1180.5*	*1301.8*	*1275.4*	*1159.5*	*1085.7*	*1075.1*
70°	11457.6	4453.4	785.3	795.8	911.8	1033.0	1164.7	1101.5	1006.6	964.5	959.2
72.5°	10171.6	3826.2	658.8	679.9	764.2	874.9	953.9	975.0	906.5	869.6	853.8
75°	7330.9	2867.0	532.3	558.6	616.6	679.9	827.4	864.3	801.1	764.2	737.8
77.5°	2719.5	1196.4	395.3	421.6	463.8	553.4	669.3	748.4	700.9	727.3	653.5
80°	653.5	421.6	289.9	284.6	326.8	416.4	532.3	590.3	542.8	516.5	448.0
82.5°	284.6	205.5	189.7	189.7	200.3	274.1	353.1	416.4	405.8	337.3	321.5
85°	105.4	89.6	89.6	94.9	94.9	126.5	189.7	221.4	200.3	173.9	168.6
87.5°	47.4	47.4	36.9	31.6	26.4	26.4	31.6	21.1	15.8	10.5	10.5
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

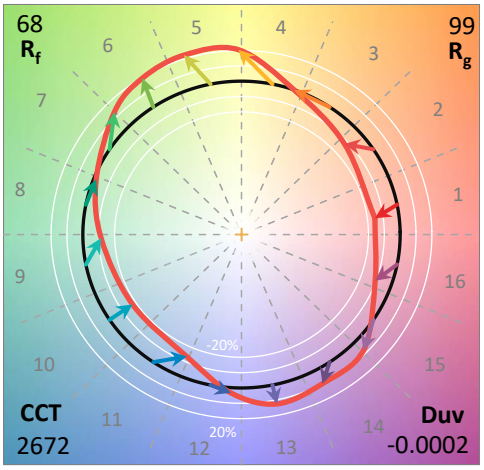
Test Information

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

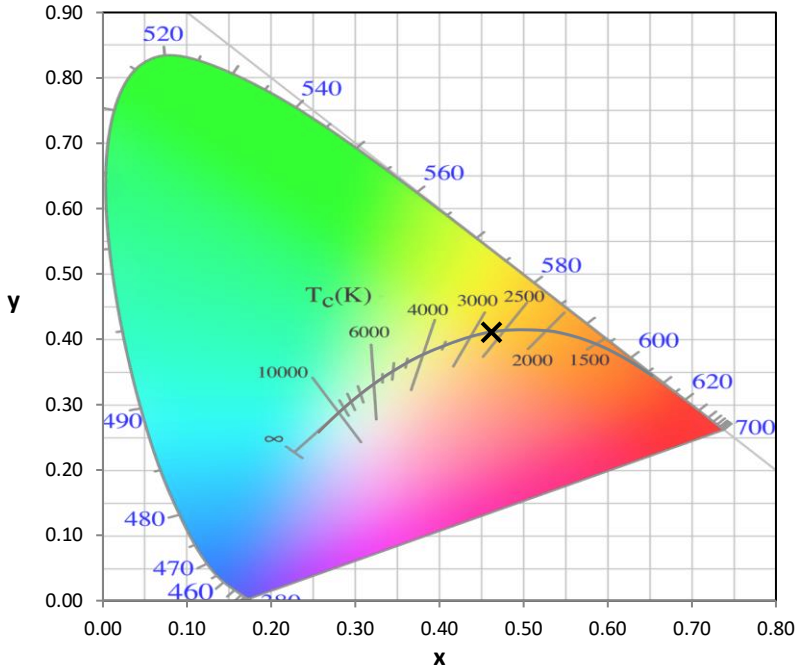
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

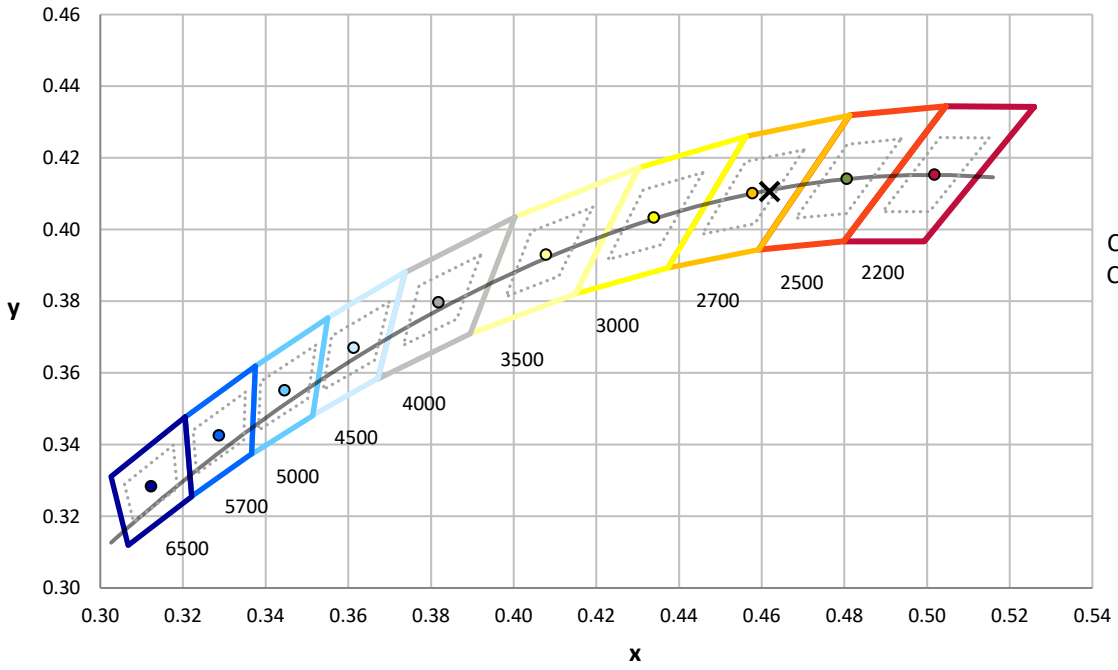
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

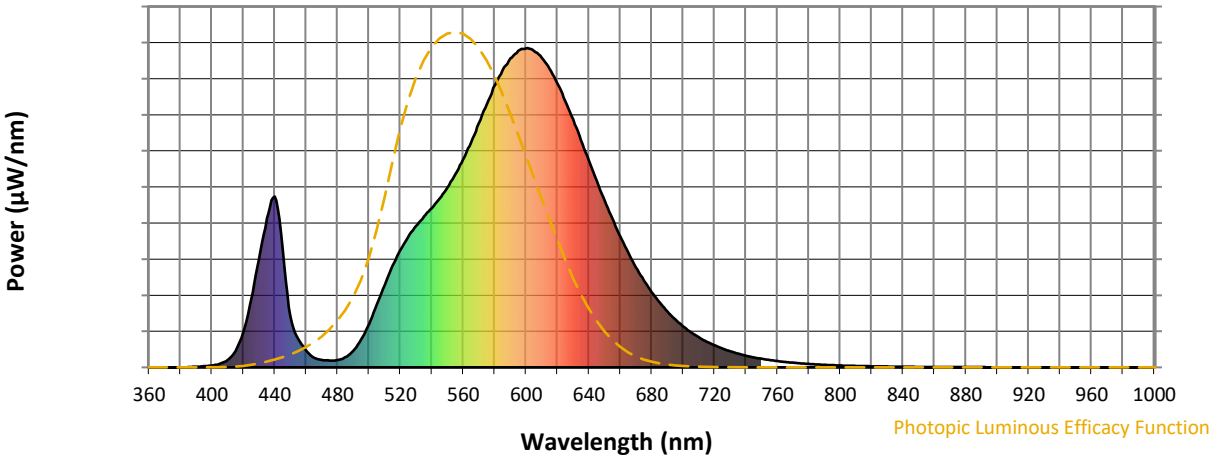


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

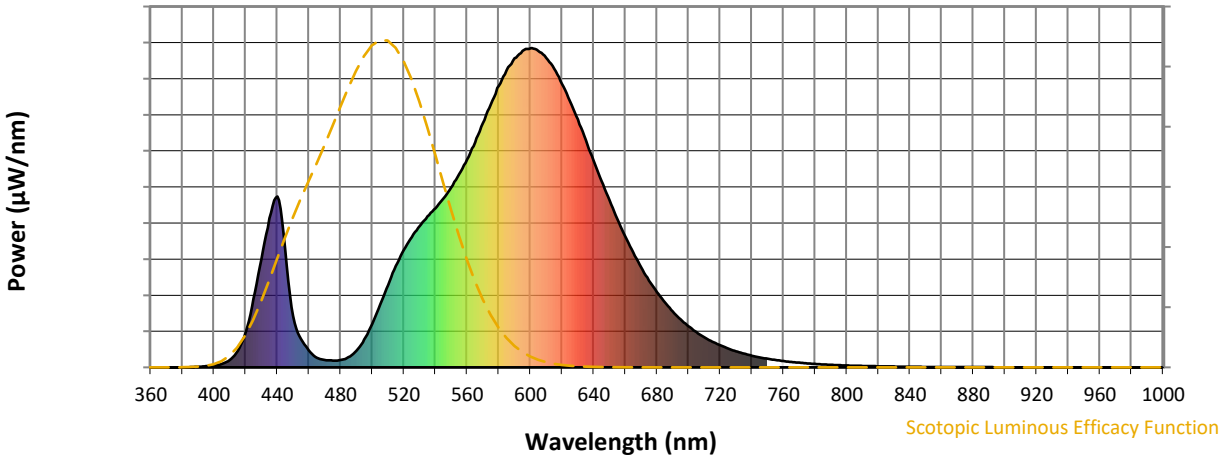


Photopic Lumens: NR

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

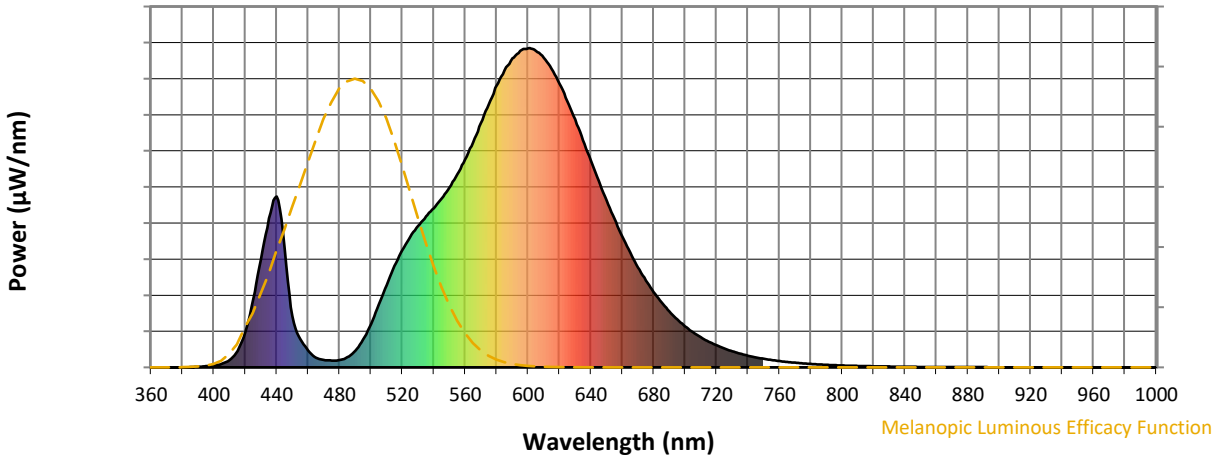


Scotopic Lumens: NR **S/P: 1.02**

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			

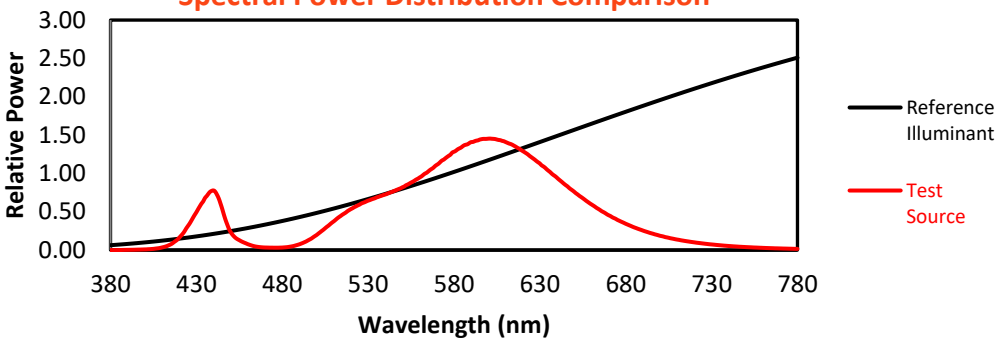
REPORT NUMBER: SP1-2407-184-3

TM-30-18

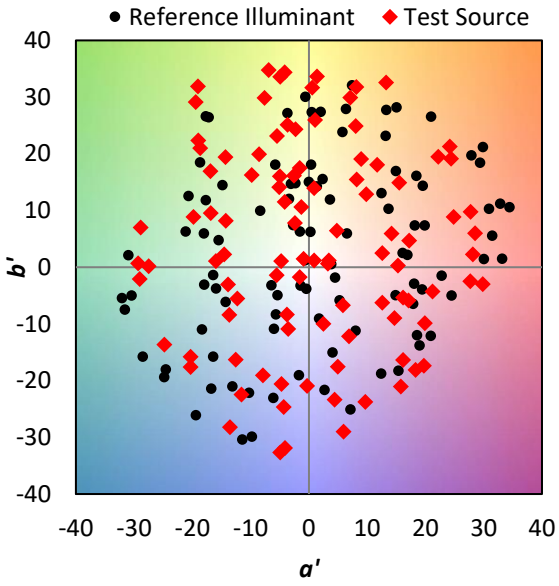
Summary

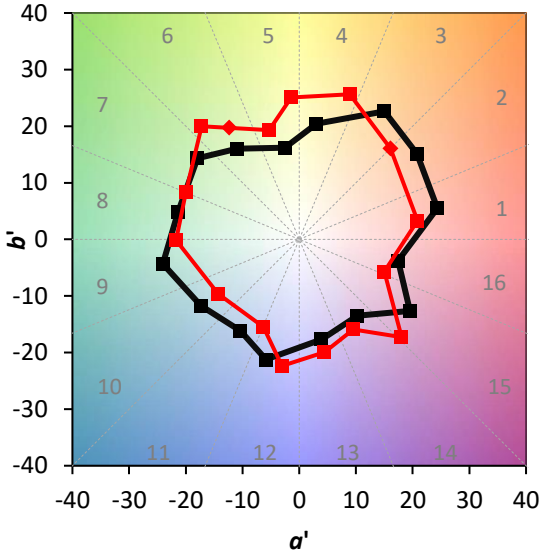
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

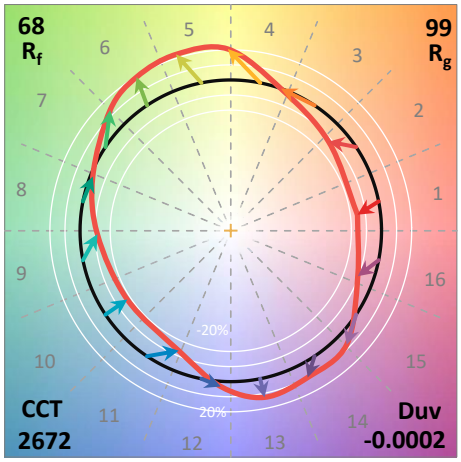
Spectral Power Distribution Comparison

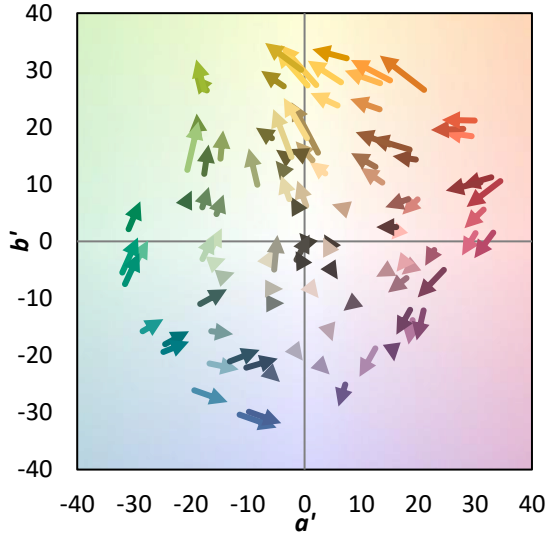


Color Vector Graphics







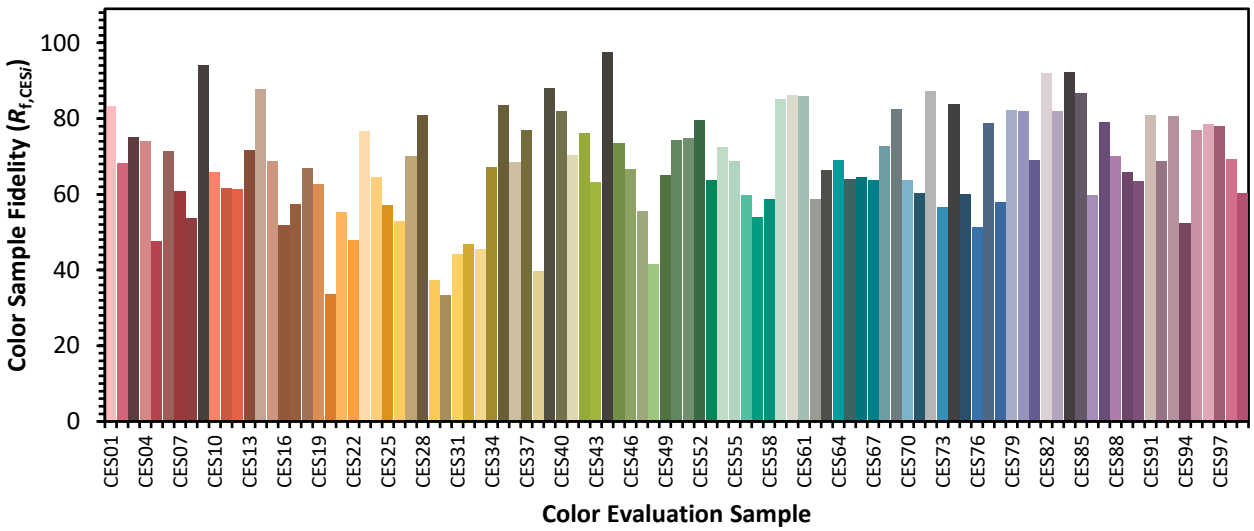


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

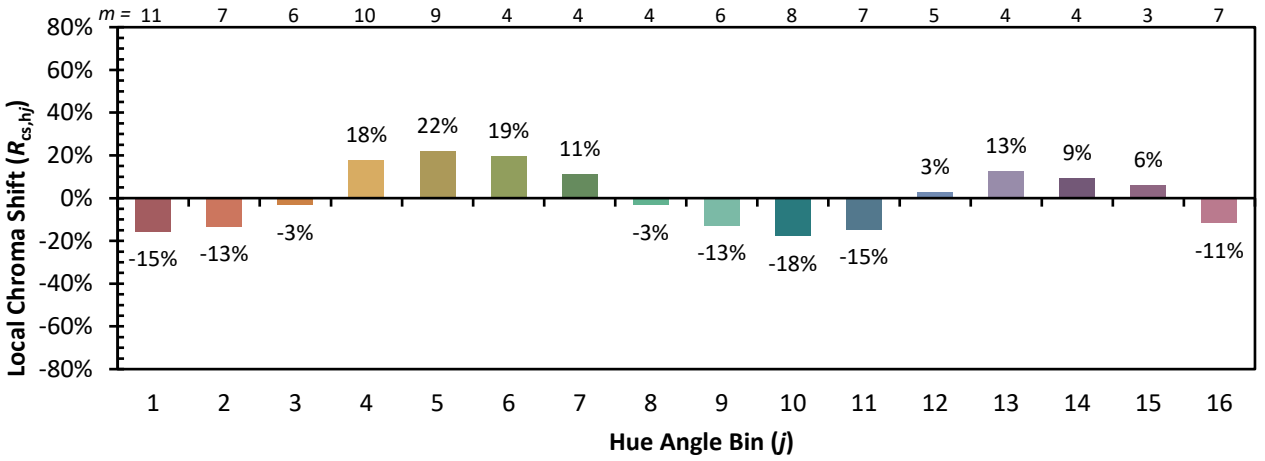
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

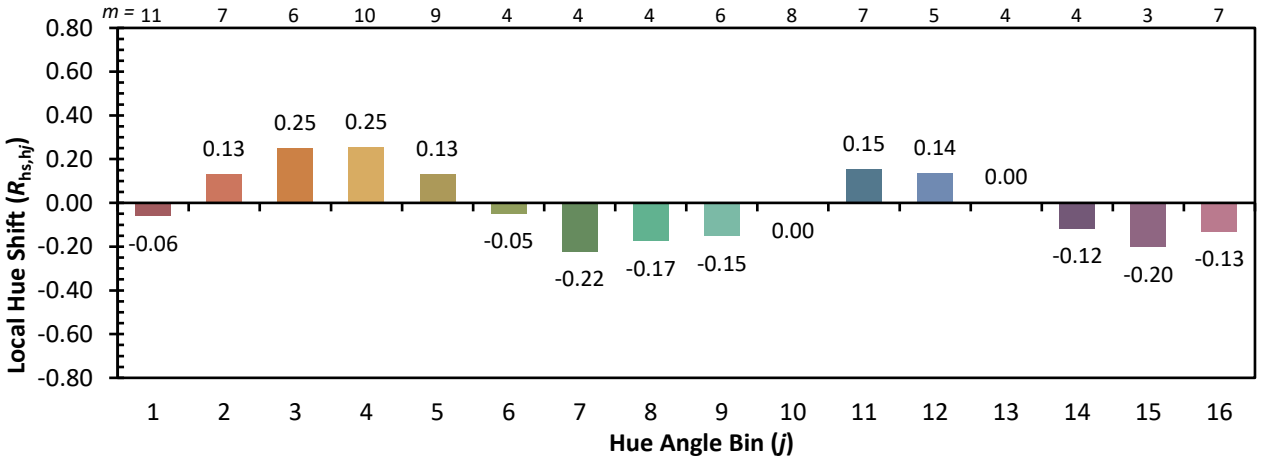


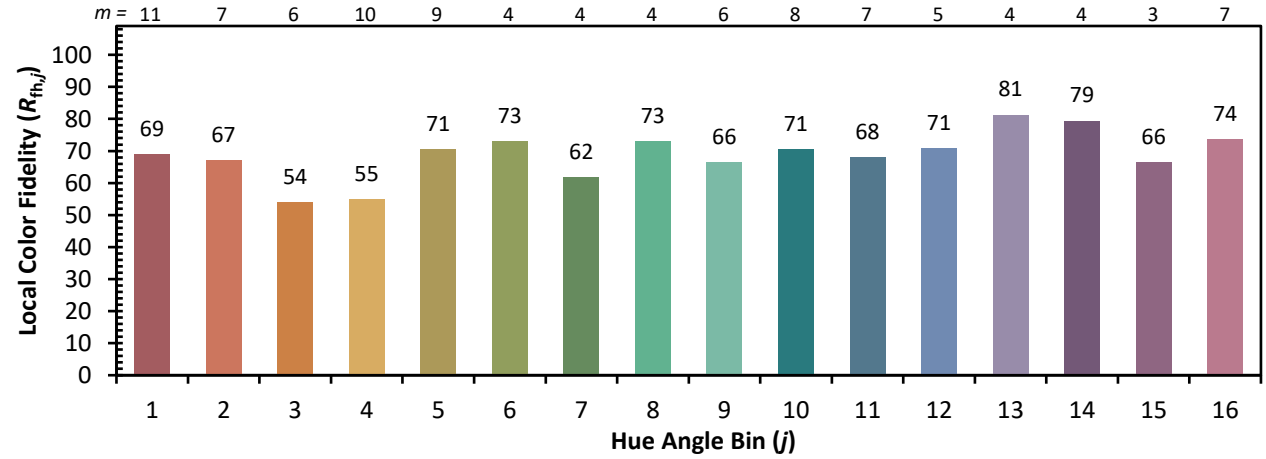
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



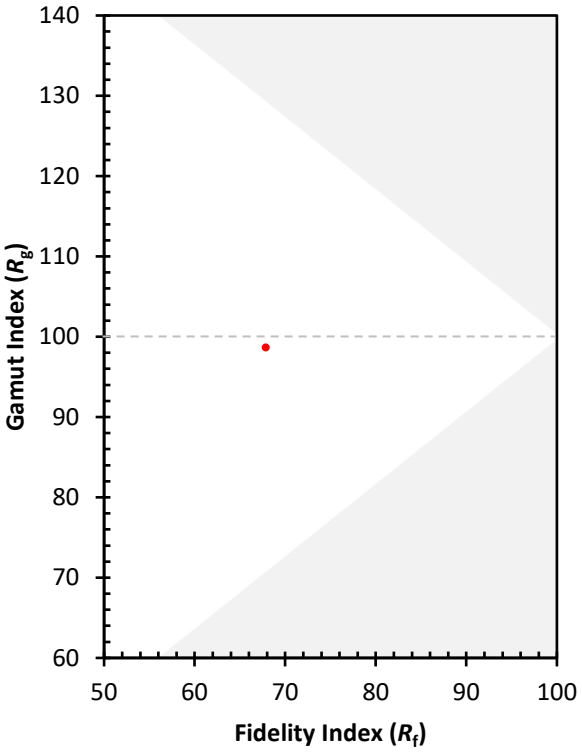


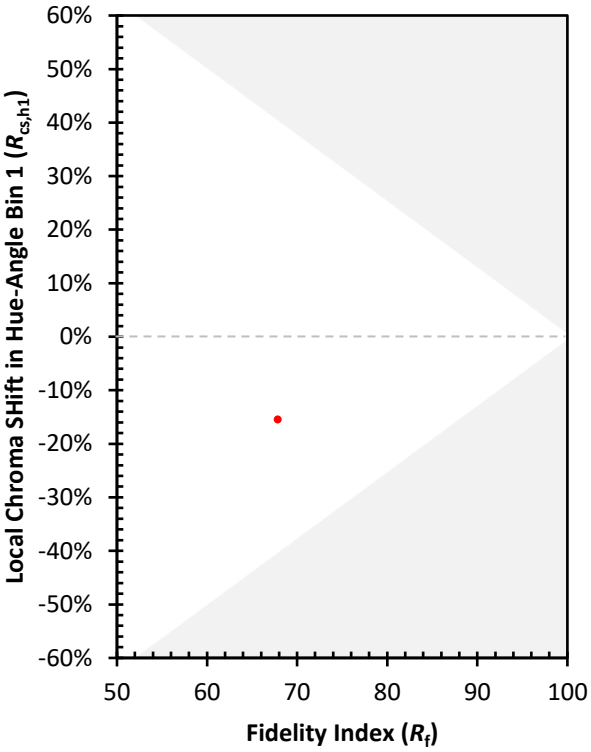


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)