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: P1357657

Luminaire Tested: **GSS-SB5C-727-U-T4FT**

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:	P1357657
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB5C-727-U-T4FT
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 5SQUARE 252W 70CRI 2700K FIXTURE w/ TYPE IV FORWARD THROW DISTRIBUTION OPTIC
Light Source:	(130) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31726.8 lumens
Efficiency:	N/A
Efficacy:	125.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

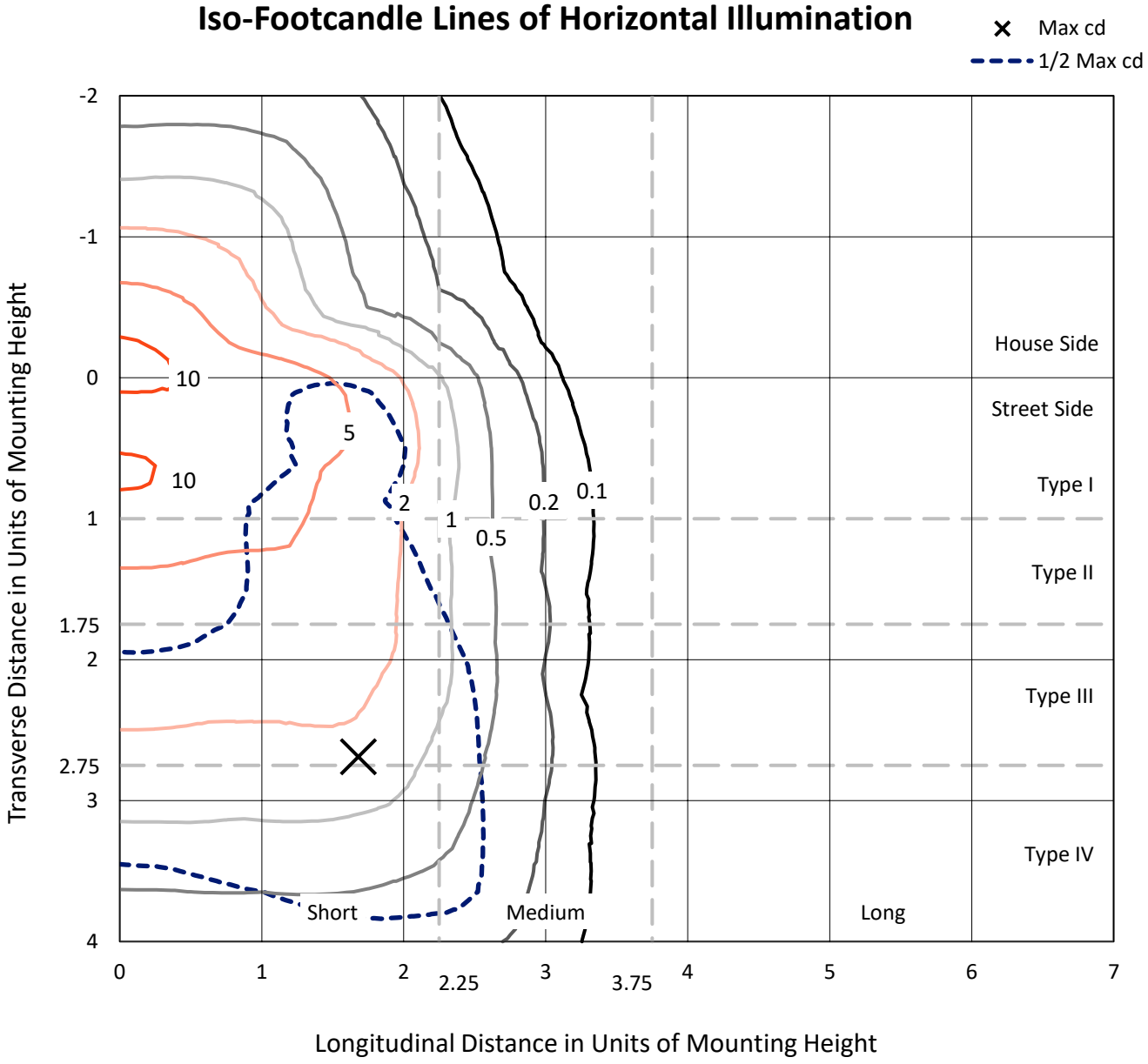
Input Watts (W):	252
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	7.9%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1357657
CATALOG NUMBER: GSS-SB5C-727-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



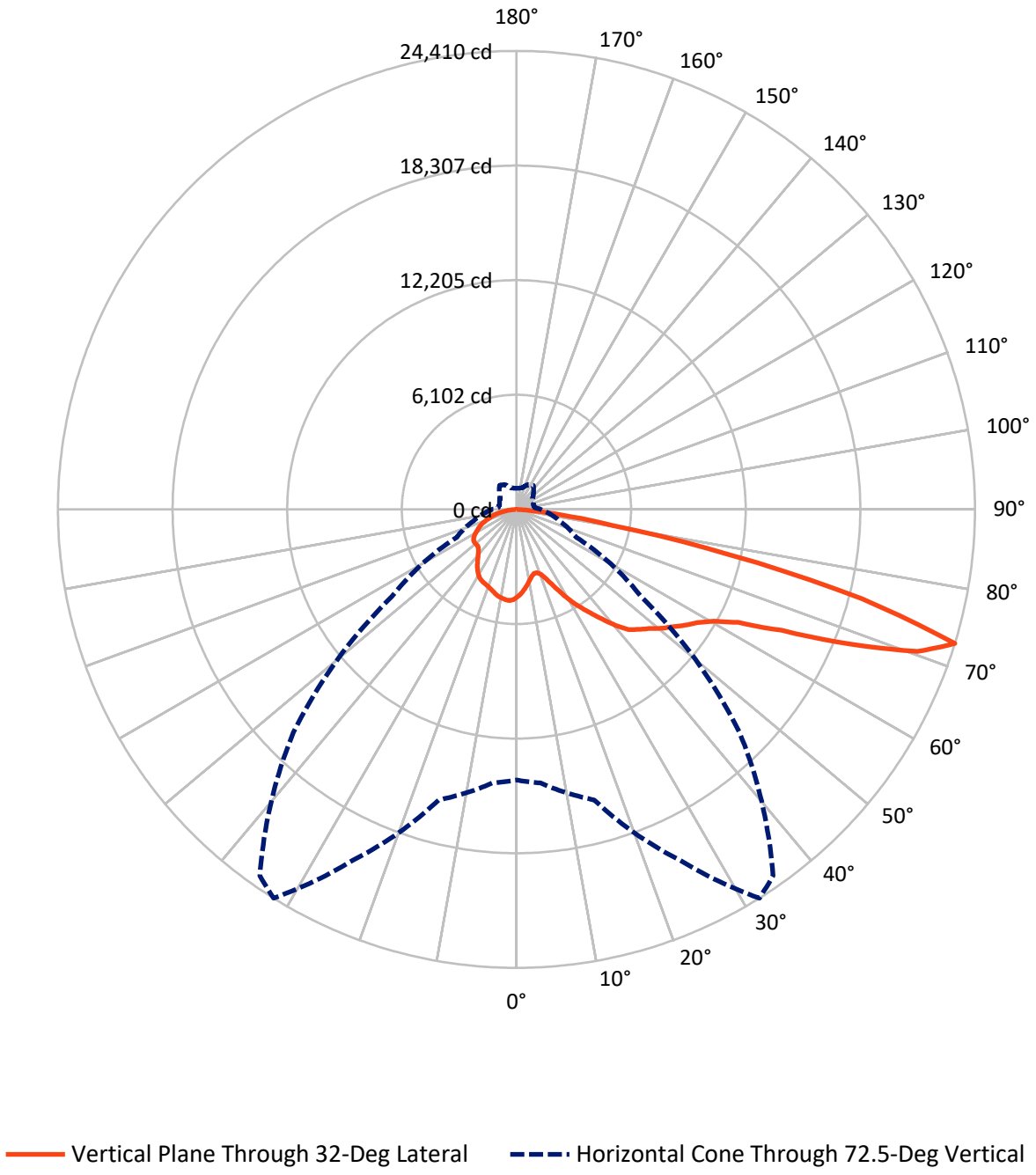
Based on 20 foot mounting height. Maximum calculated value = 11.7 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1357657
CATALOG NUMBER: GSS-SB5C-727-U-T4FT

Luminous Intensity Polar Plot



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

Scaled Data Report

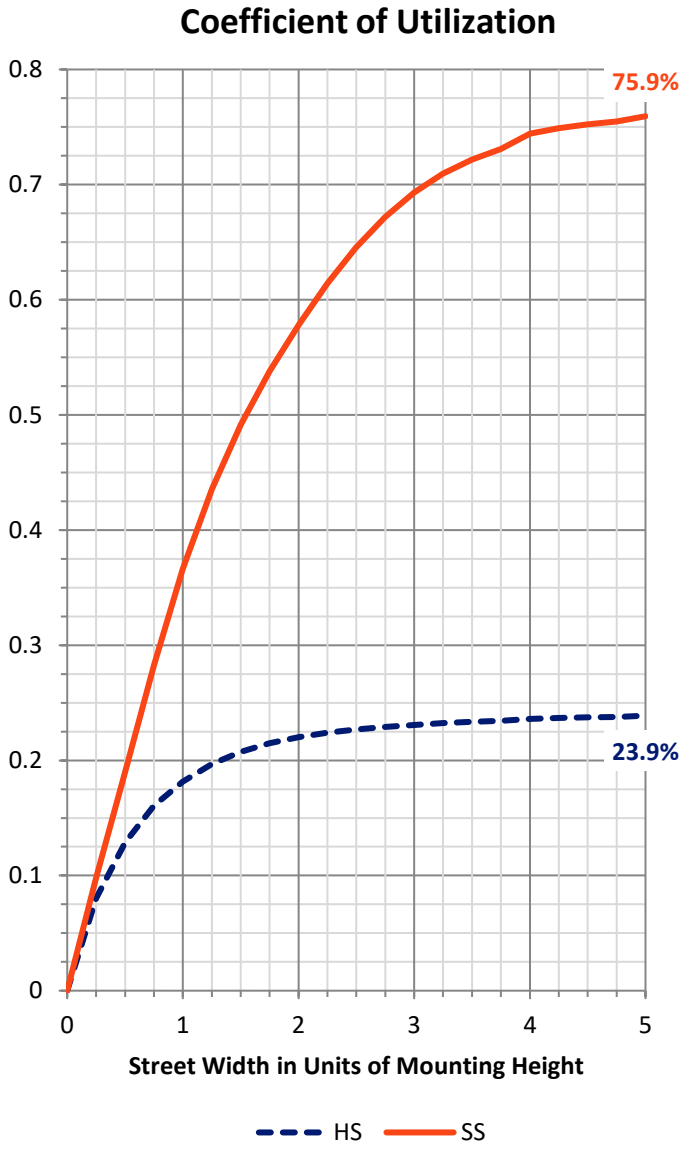
REPORT NUMBER: P1357657
CATALOG NUMBER: GSS-SB5C-727-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7651.5	0.0	7651.5
	% Fixture	24.1	0.0	24.1
Street Side	Lumens	24075.3	0.0	24075.3
	% Fixture	75.9	0.0	75.9
Total	Lumens	31726.8	0.0	31726.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	435.8	1.4
10°-20°	1236.8	3.9
20°-30°	2142.8	6.8
30°-40°	3384.8	10.7
40°-50°	4933.3	15.5
50°-60°	6687.5	21.1
60°-70°	7696.6	24.3
70°-80°	4816.2	15.2
80°-90°	392.9	1.2
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°	31726.8	100.0
0°-180°	31726.8	100.0



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

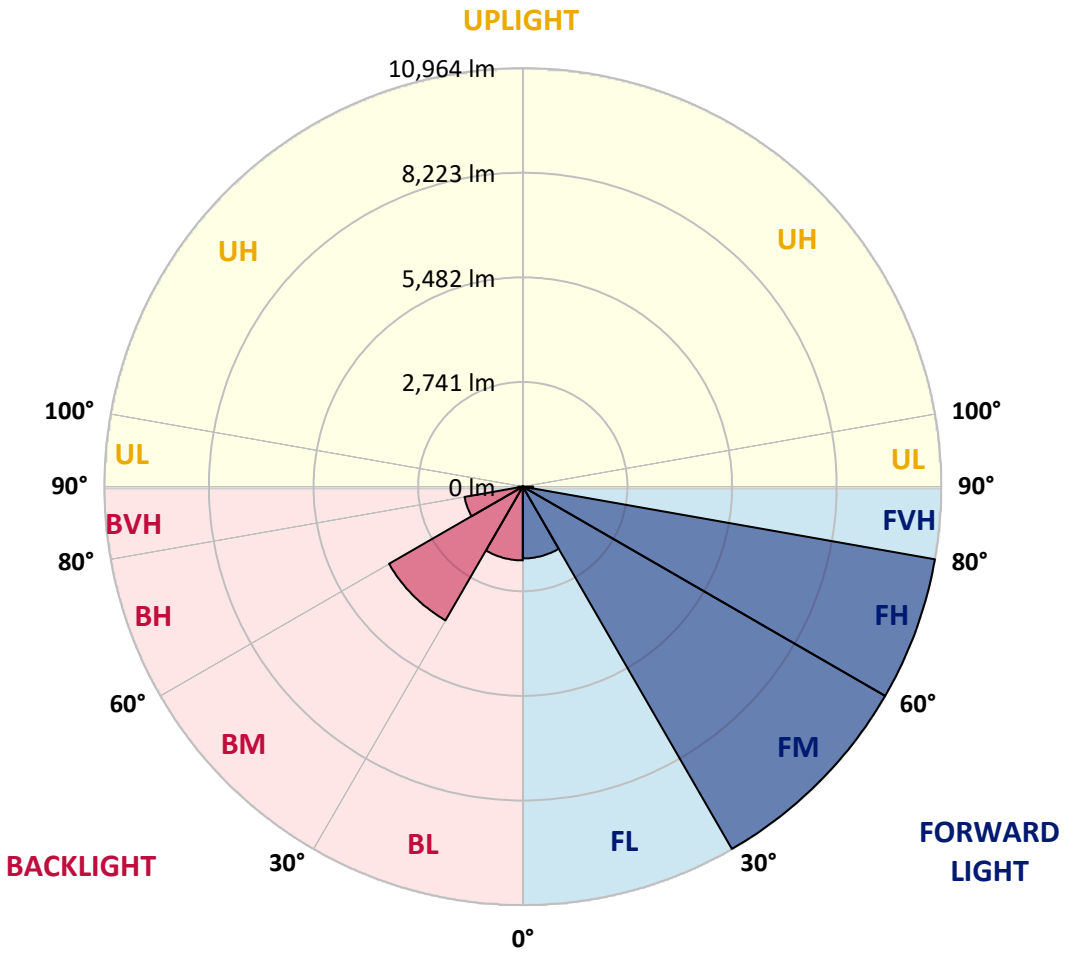
Scaled Data Report

REPORT NUMBER: P1357657
CATALOG NUMBER: GSS-SB5C-727-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1882.1	5.9			
FM	(30°-60°)	10959.6	34.5			
FH	(60°-80°)	10963.7	34.6			G4/12000
FVH	(80°-90°)	269.9	0.9			G3/500
BL	(0°-30°)	1933.4	6.1	B3/2500		
BM	(30°-60°)	4046.0	12.8	B3/5000		
BH	(60°-80°)	1549.1	4.9	B3/2500		G3/2500
BVH	(80°-90°)	123.0	0.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1357657
CATALOG NUMBER: GSS-SB5C-727-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2
2.5°	4463.3	4456.0	4492.5	4477.9	4507.1	4492.5	4492.5	4536.2	4572.7	4623.7	4660.2
5°	4215.3	4222.6	4215.3	4288.3	4288.3	4295.6	4353.9	4470.6	4558.1	4616.4	4652.9
7.5°	3894.4	3909.0	3938.2	4018.4	4069.5	4105.9	4215.3	4339.3	4485.2	4594.6	4725.8
10°	3631.9	3610.0	3675.7	3763.2	3836.1	3872.6	4054.9	4251.8	4448.7	4631.0	4740.4
12.5°	3442.3	3442.3	3478.7	3559.0	3639.2	3697.5	3901.7	4142.4	4405.0	4631.0	4835.2
15°	3405.8	3420.4	3435.0	3464.2	3537.1	3566.3	3763.2	4062.2	4353.9	4696.7	4900.9
17.5°	3529.8	3515.2	3500.6	3515.2	3544.4	3559.0	3704.8	3996.5	4324.7	4704.0	4937.3
20°	3865.3	3836.1	3814.2	3704.8	3682.9	3697.5	3755.9	3974.7	4332.0	4806.1	5090.5
22.5°	4332.0	4346.6	4259.1	4076.8	3989.3	3982.0	3909.0	4054.9	4375.8	4886.3	5221.8
25°	5003.0	4937.3	4849.8	4631.0	4448.7	4383.1	4229.9	4222.6	4470.6	5032.1	5411.4
27.5°	5681.2	5644.8	5506.2	5199.9	4995.7	4900.9	4623.7	4485.2	4609.2	5207.2	5630.2
30°	6439.7	6439.7	6213.6	5870.8	5601.0	5426.0	5097.8	4835.2	4842.5	5440.6	5943.8
32.5°	7220.0	7176.3	6957.5	6454.3	6184.4	6009.4	5571.8	5302.0	5214.5	5768.7	6374.1
35°	7781.6	7796.2	7592.0	7147.1	6760.6	6592.8	6199.0	5892.7	5695.8	6228.2	6921.0
37.5°	8292.1	8306.7	8182.7	7745.1	7402.4	7234.6	6789.8	6578.3	6279.2	6884.6	7577.4
40°	8547.4	8510.9	8474.4	8314.0	8117.1	7985.8	7526.3	7249.2	6986.7	7592.0	8292.1
42.5°	8737.0	8737.0	8678.6	8751.6	8751.6	8664.0	8306.7	8058.7	7796.2	8576.5	9050.6
45°	8955.8	8861.0	8861.0	8926.6	9108.9	9167.3	9196.4	8963.1	8722.4	9553.8	9874.7
47.5°	9181.8	9203.7	9145.4	9225.6	9480.9	9736.1	10115.3	9903.9	9641.3	10713.4	10808.2
50°	9466.3	9495.4	9495.4	9670.5	9954.9	10253.9	11187.4	10968.6	10531.0	12026.1	11836.5
52.5°	9539.2	9553.8	9772.6	9969.5	10385.2	10793.6	12259.5	11945.9	11479.1	13222.2	12733.5
55°	9407.9	9517.3	9911.1	10290.4	10888.4	11377.0	13280.5	12886.7	12172.0	14133.8	13440.9
57.5°	9706.9	9750.7	10115.3	10545.6	11377.0	12004.2	14286.9	13725.4	12653.3	14885.0	13725.4
60°	10341.4	10312.3	10633.2	11114.5	12077.2	12886.7	15373.6	14440.1	13054.4	15008.9	13163.8
62.5°	11763.6	11617.7	11734.4	12172.0	13251.3	14352.6	16489.4	15023.5	12806.5	13783.7	11267.6
65°	13688.9	13645.1	13572.2	14031.7	15512.1	16452.9	17882.4	14899.5	11566.7	11632.3	9057.9
67.5°	15410.0	15468.4	15424.6	16649.9	19136.8	19997.3	19362.8	14002.5	9583.0	8299.4	5827.1
70°	16073.7	16190.4	16963.4	19297.2	22652.0	23651.1	20033.8	11719.8	6636.6	4485.2	2866.1
72.5°	14410.9	14622.4	16015.4	20617.2	24409.6	23818.8	16795.7	8087.9	3500.6	2362.9	1597.2
75°	9962.2	10181.0	12295.9	17291.6	18990.9	18020.9	10312.3	3486.0	1808.7	1378.4	984.6
77.5°	3909.0	4477.9	5863.5	9648.6	11639.6	11420.8	4886.3	1203.3	1006.4	838.7	641.8
80°	1312.7	1487.8	2180.6	3806.9	5163.4	5455.1	1779.5	612.6	583.4	510.5	401.1
82.5°	474.0	532.4	933.5	1436.7	2355.6	2370.2	576.1	328.2	357.4	306.3	211.5
85°	160.4	175.0	218.8	444.9	576.1	619.9	160.4	124.0	145.9	131.3	94.8
87.5°	14.6	14.6	14.6	21.9	21.9	21.9	21.9	29.2	29.2	21.9	21.9
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: P1357657
CATALOG NUMBER: GSS-SB5C-727-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2	4660.2
2.5°	4667.5	4689.4	4704.0	4733.1	4769.6	4776.9	4806.1	4813.4	4798.8	4813.4	4798.8
5°	4711.3	4747.7	4776.9	4820.7	4849.8	4886.3	4879.0	4857.1	4857.1	4820.7	4879.0
7.5°	4769.6	4820.7	4842.5	4886.3	4893.6	4871.7	4842.5	4835.2	4762.3	4762.3	4776.9
10°	4849.8	4893.6	4915.5	4930.0	4886.3	4849.8	4791.5	4755.0	4725.8	4696.7	4704.0
12.5°	4908.2	4951.9	4951.9	4900.9	4849.8	4791.5	4740.4	4667.5	4645.6	4609.2	4609.2
15°	4944.6	5017.6	4966.5	4886.3	4784.2	4704.0	4623.7	4558.1	4528.9	4521.6	4550.8
17.5°	5039.4	5075.9	4951.9	4813.4	4704.0	4594.6	4507.1	4456.0	4419.5	4412.2	4470.6
20°	5148.8	5119.7	4908.2	4733.1	4609.2	4463.3	4390.4	4375.8	4361.2	4405.0	4405.0
22.5°	5258.2	5207.2	4864.4	4667.5	4470.6	4368.5	4302.9	4346.6	4353.9	4383.1	4412.2
25°	5418.7	5294.7	4849.8	4565.4	4310.1	4237.2	4244.5	4302.9	4317.4	4317.4	4332.0
27.5°	5593.7	5440.6	4857.1	4412.2	4149.7	4127.8	4178.9	4200.8	4222.6	4200.8	4208.0
30°	5841.7	5593.7	4820.7	4237.2	4011.1	4047.6	4076.8	4069.5	3974.7	3952.8	3967.4
32.5°	6206.3	5805.2	4791.5	4098.6	3938.2	3938.2	3909.0	3821.5	3726.7	3639.2	3668.4
35°	6622.0	6067.8	4682.1	3989.3	3865.3	3836.1	3719.4	3573.6	3398.5	3296.4	3303.7
37.5°	7059.6	6308.4	4565.4	3865.3	3748.6	3675.7	3507.9	3281.8	3106.8	3004.7	2990.1
40°	7628.4	6578.3	4390.4	3697.5	3588.1	3471.5	3281.8	3033.9	2858.8	2778.6	2822.4
42.5°	8204.6	6891.9	4186.2	3464.2	3376.6	3303.7	3092.2	2851.6	2683.8	2632.8	2661.9
45°	8846.4	7212.7	3974.7	3187.0	3143.3	3128.7	2946.4	2756.7	2610.9	2538.0	2530.7
47.5°	9502.7	7548.2	3682.9	2939.1	2917.2	3012.0	2873.4	2713.0	2589.0	2472.3	2465.0
50°	10239.3	7876.4	3289.1	2625.5	2727.6	2946.4	2895.3	2720.3	2508.8	2326.5	2297.3
52.5°	10895.7	7993.1	2873.4	2377.5	2581.7	2953.7	2917.2	2676.5	2399.4	2180.6	2151.4
55°	11340.6	7796.2	2516.1	2158.7	2472.3	2902.6	2888.0	2610.9	2290.0	2056.6	2027.4
57.5°	11369.7	7220.0	2173.3	1976.4	2297.3	2756.7	2800.5	2479.6	2122.3	1925.3	1903.5
60°	10669.6	6272.0	1896.2	1815.9	2107.7	2567.1	2640.1	2297.3	1969.1	1757.6	1743.0
62.5°	9101.6	5017.6	1633.6	1640.9	1925.3	2311.9	2450.4	2144.1	1815.9	1611.7	1589.9
65°	7241.9	3836.1	1451.3	1487.8	1692.0	2063.9	2275.4	1991.0	1662.8	1465.9	1436.7
67.5°	4864.4	2647.3	1254.4	1327.3	1465.9	1808.7	2100.4	1830.5	1473.2	1312.7	1290.9
70°	2319.2	1538.8	1079.4	1166.9	1254.4	1531.5	1845.1	1604.5	1320.0	1188.8	1181.5
72.5°	*1290.9*	*984.6*	*933.5*	*999.1*	*1050.2*	*1283.6*	*1560.7*	*1451.3*	*1181.5*	*1130.4*	*1123.1*
75°	824.1	700.1	743.9	824.1	853.3	1013.7	1349.2	1298.1	1064.8	1093.9	1093.9
77.5°	510.5	481.3	568.9	641.8	663.7	831.4	1108.5	1101.2	889.7	875.2	773.1
80°	328.2	320.9	408.4	415.7	452.2	634.5	882.4	846.0	671.0	612.6	576.1
82.5°	175.0	182.3	248.0	262.5	255.3	386.5	605.3	598.0	495.9	430.3	408.4
85°	65.6	65.6	94.8	116.7	124.0	196.9	320.9	328.2	269.8	204.2	211.5
87.5°	14.6	14.6	14.6	21.9	21.9	43.8	58.3	65.6	72.9	36.5	21.9
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

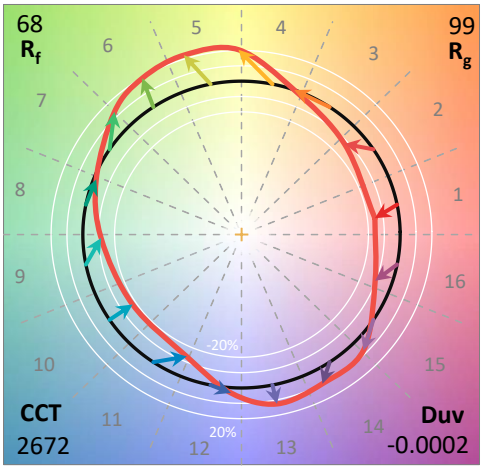
Test Information

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

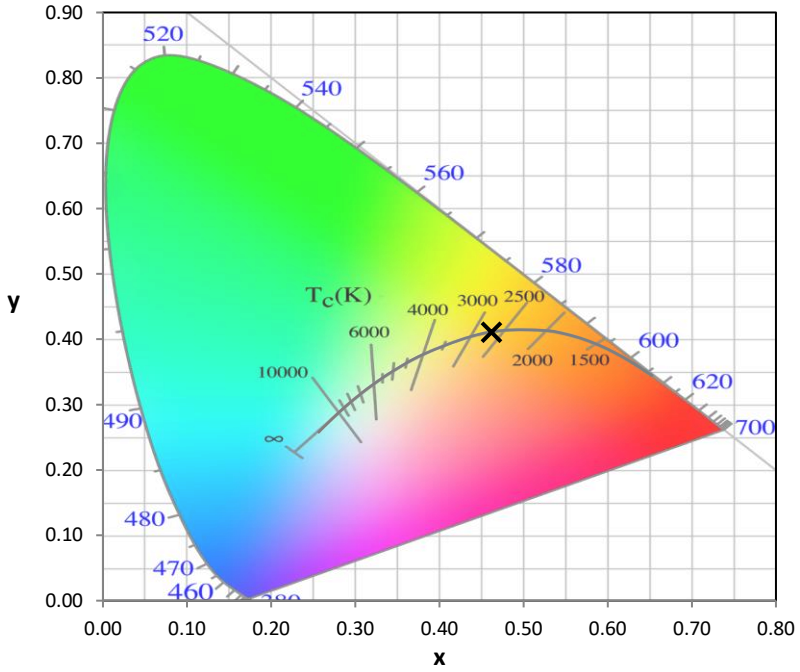
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

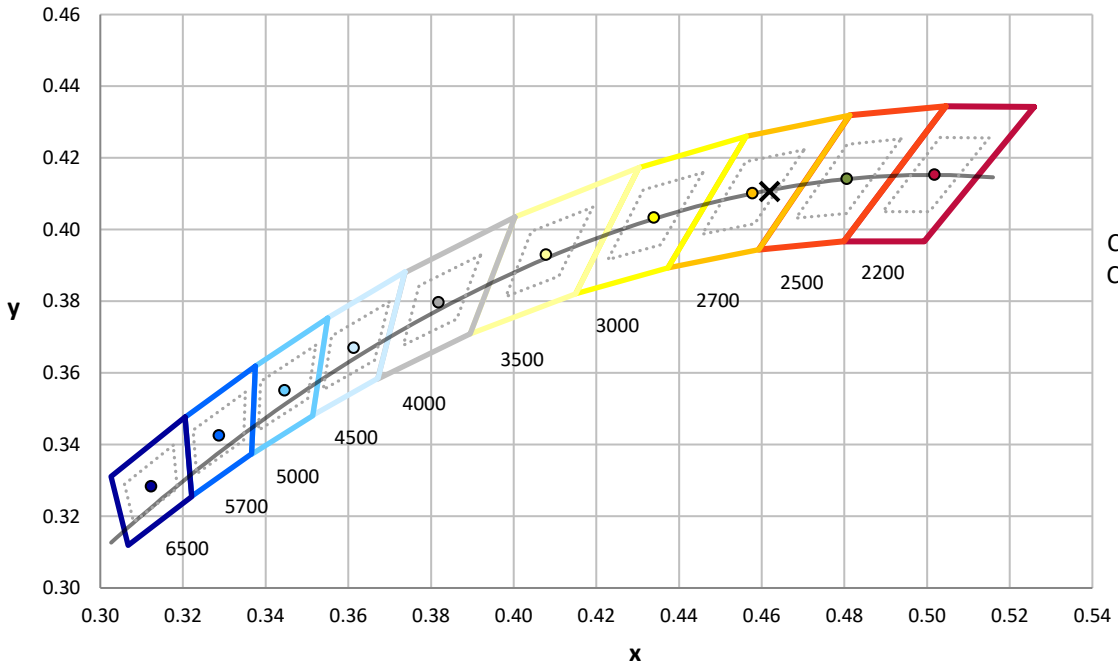
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

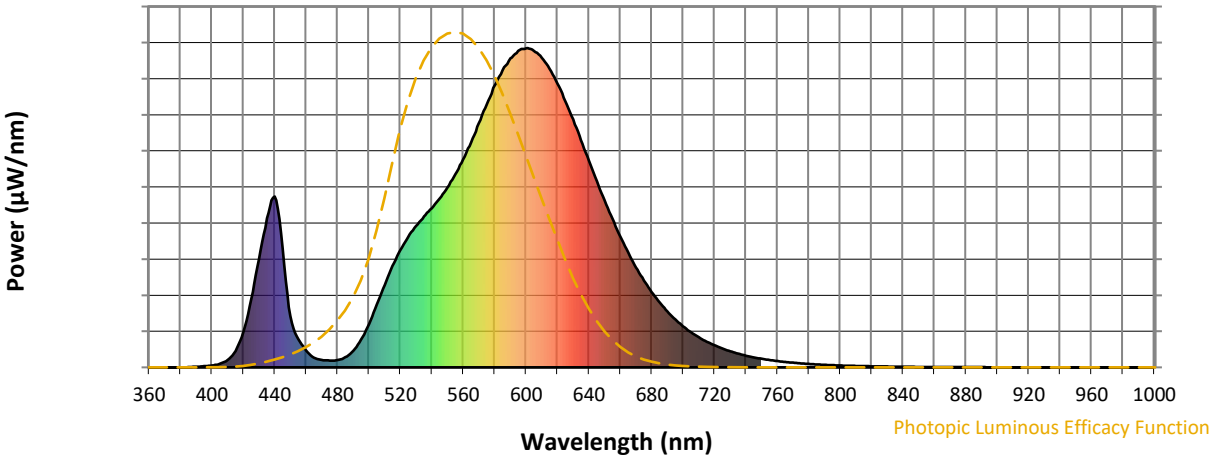


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

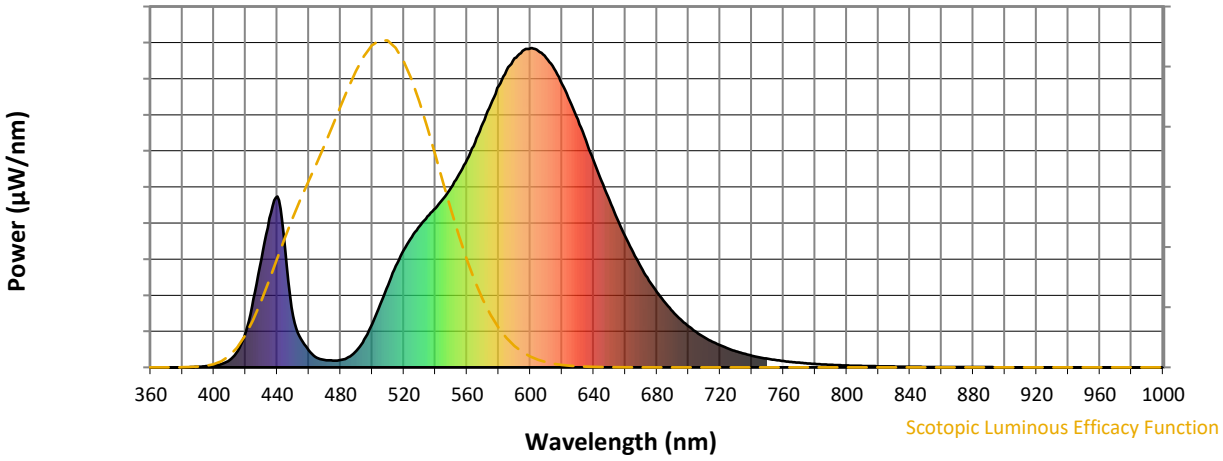


Photopic Lumens: NR

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

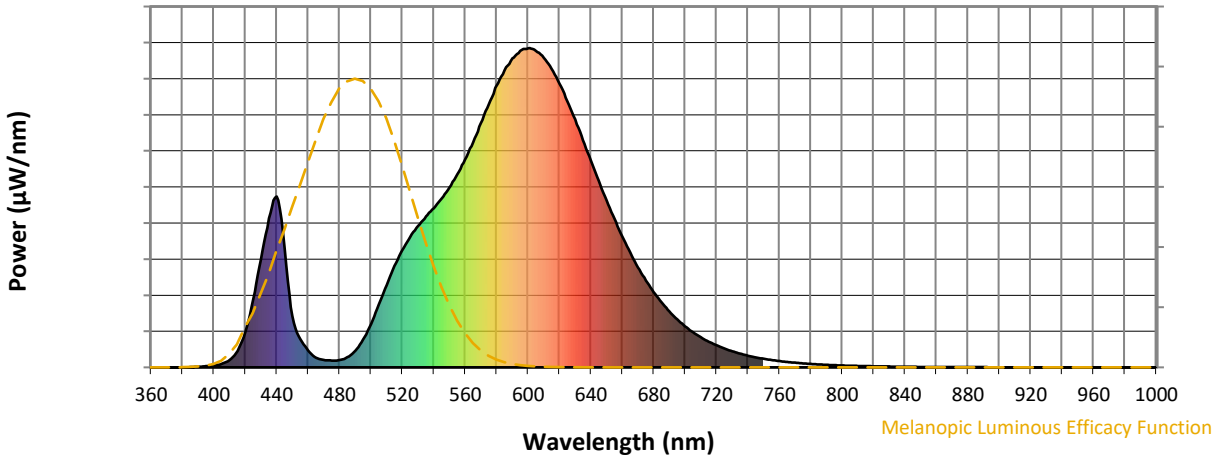


Scotopic Lumens: NR **S/P: 1.02**

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			

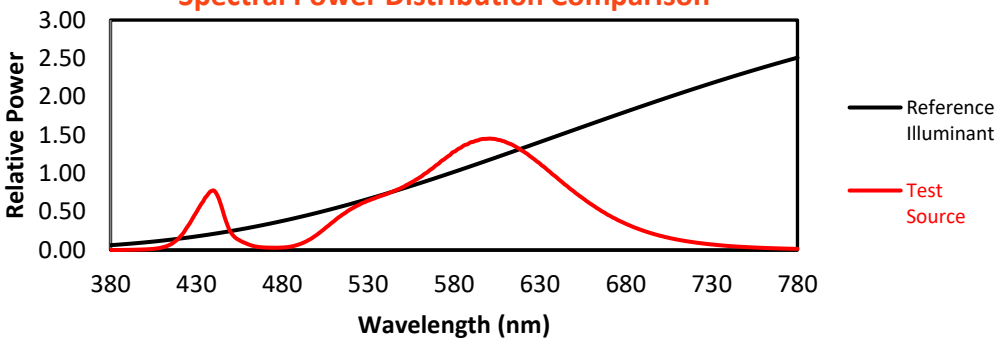
REPORT NUMBER: SP1-2407-184-3

TM-30-18

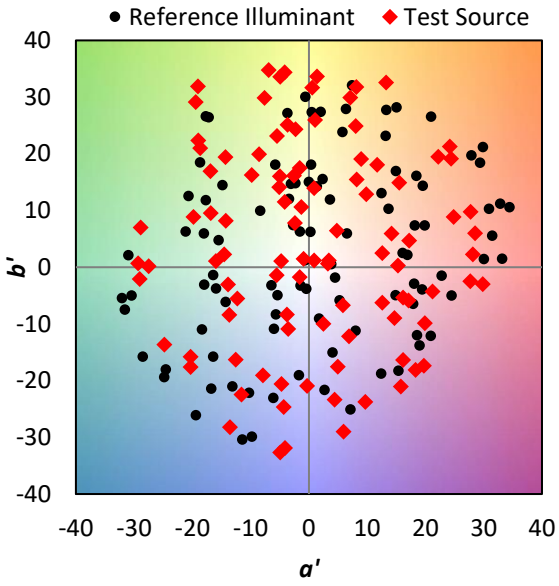
Summary

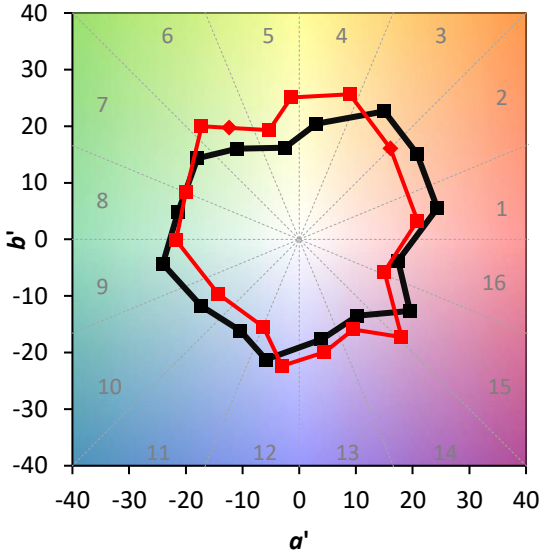
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

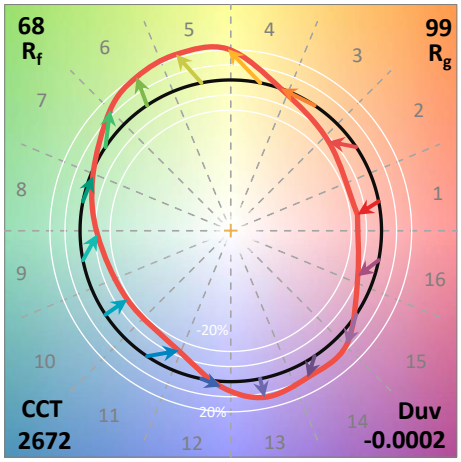
Spectral Power Distribution Comparison

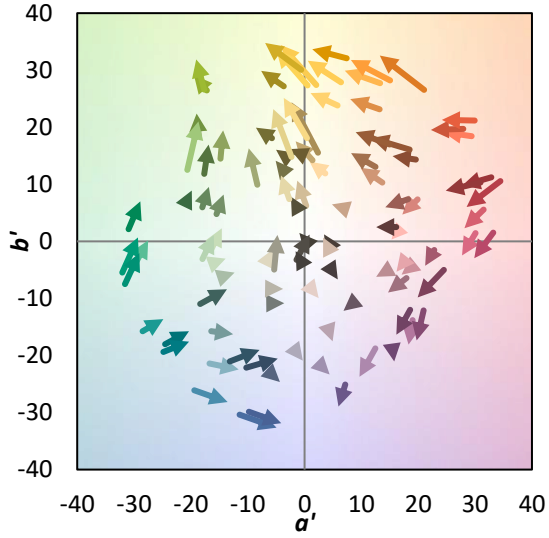


Color Vector Graphics







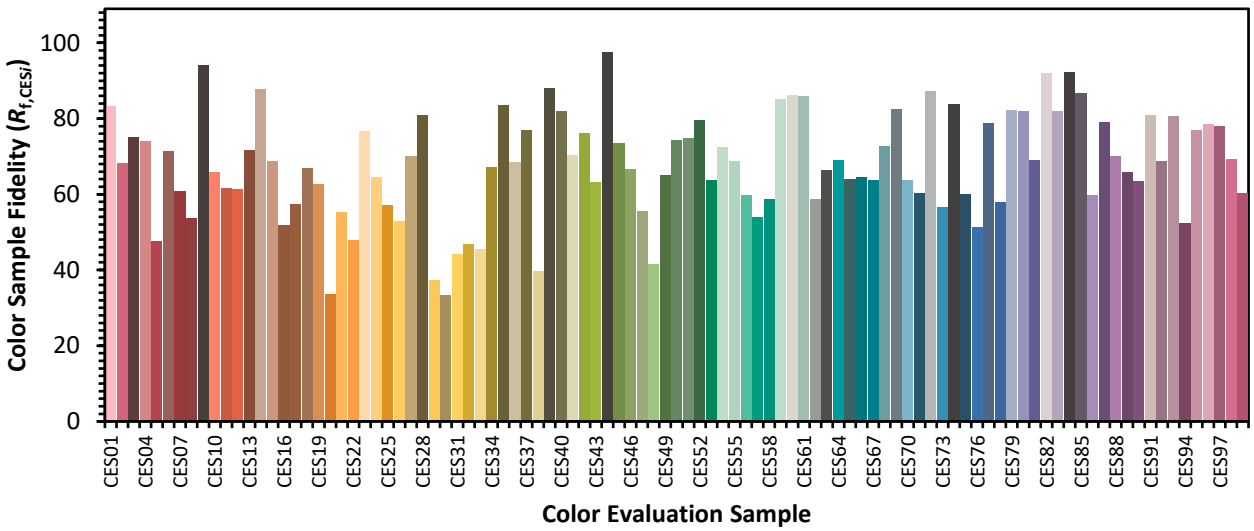


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

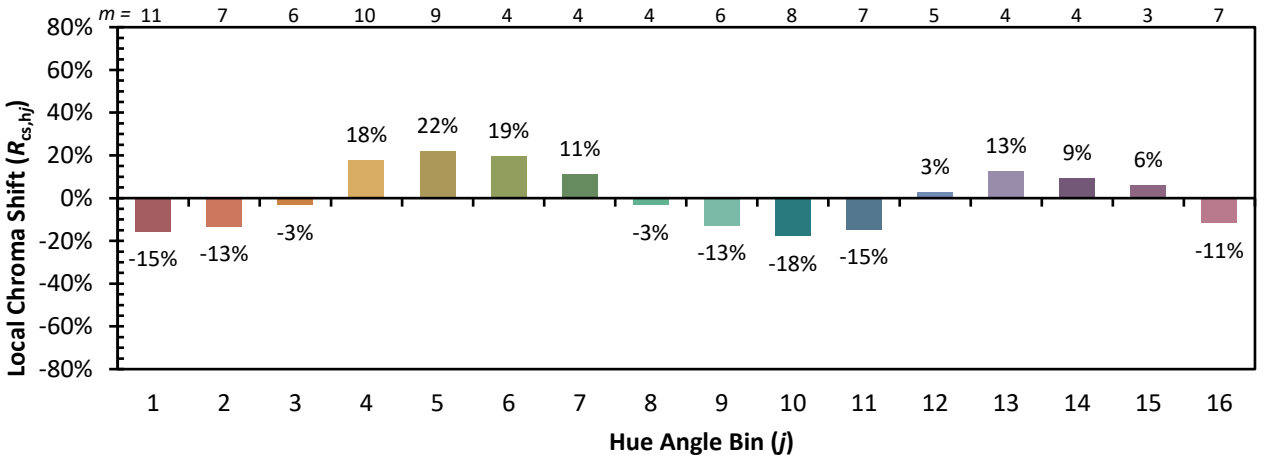
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

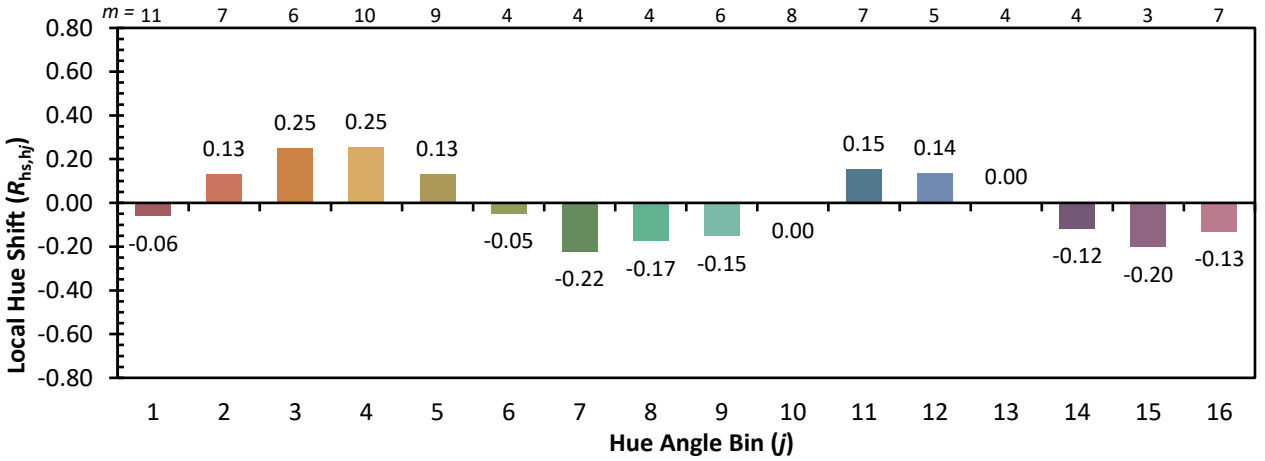


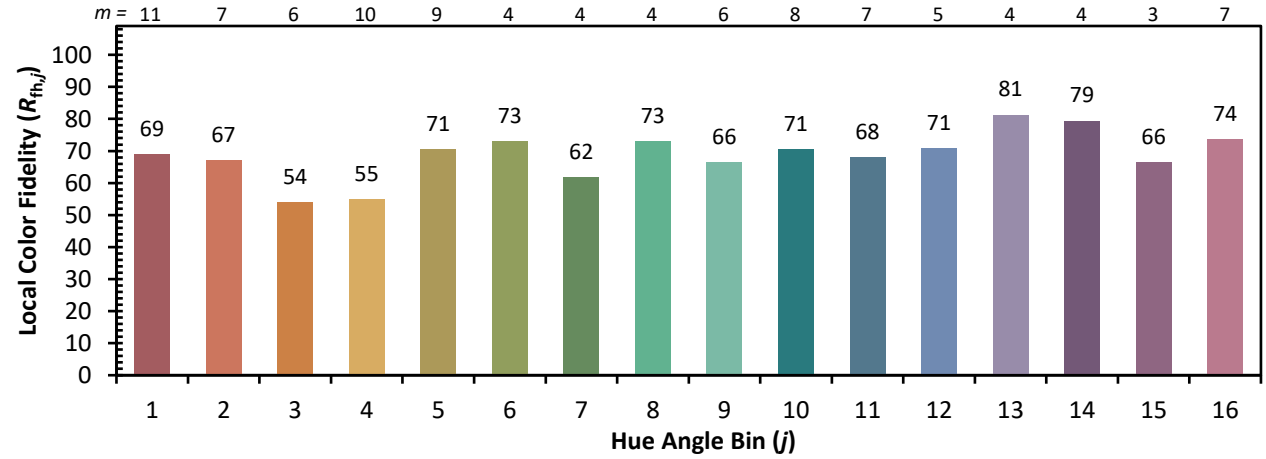
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



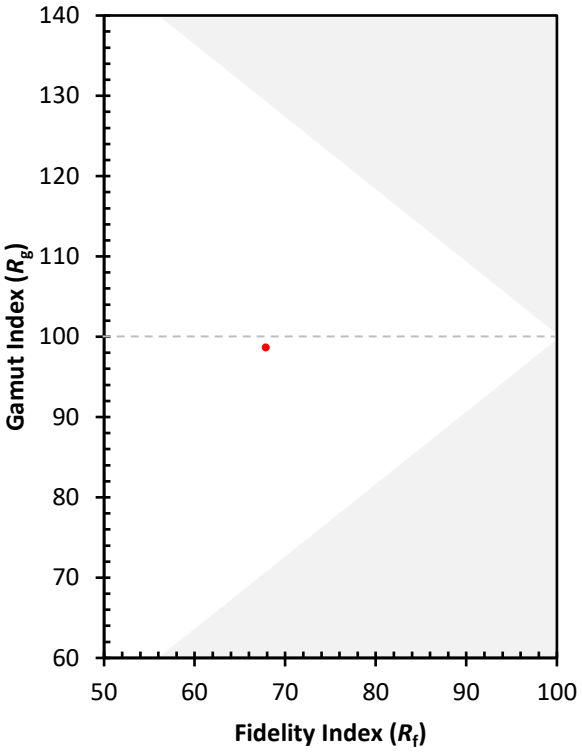


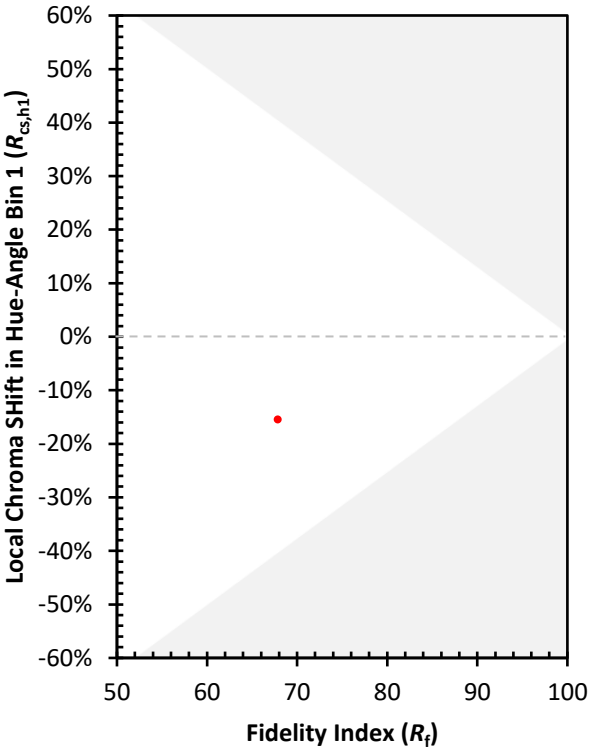


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)