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: P1357661

Luminaire Tested: **GSS-SB6C-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:	P1357661
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB6C-727-U-T4FT
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 6SQUARE 300W 70CRI 2700K FIXTURE w/ TYPE IV FORWARD THROW DISTRIBUTION OPTIC
Light Source:	(156) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	38091 lumens
Efficiency:	N/A
Efficacy:	127.0 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G5

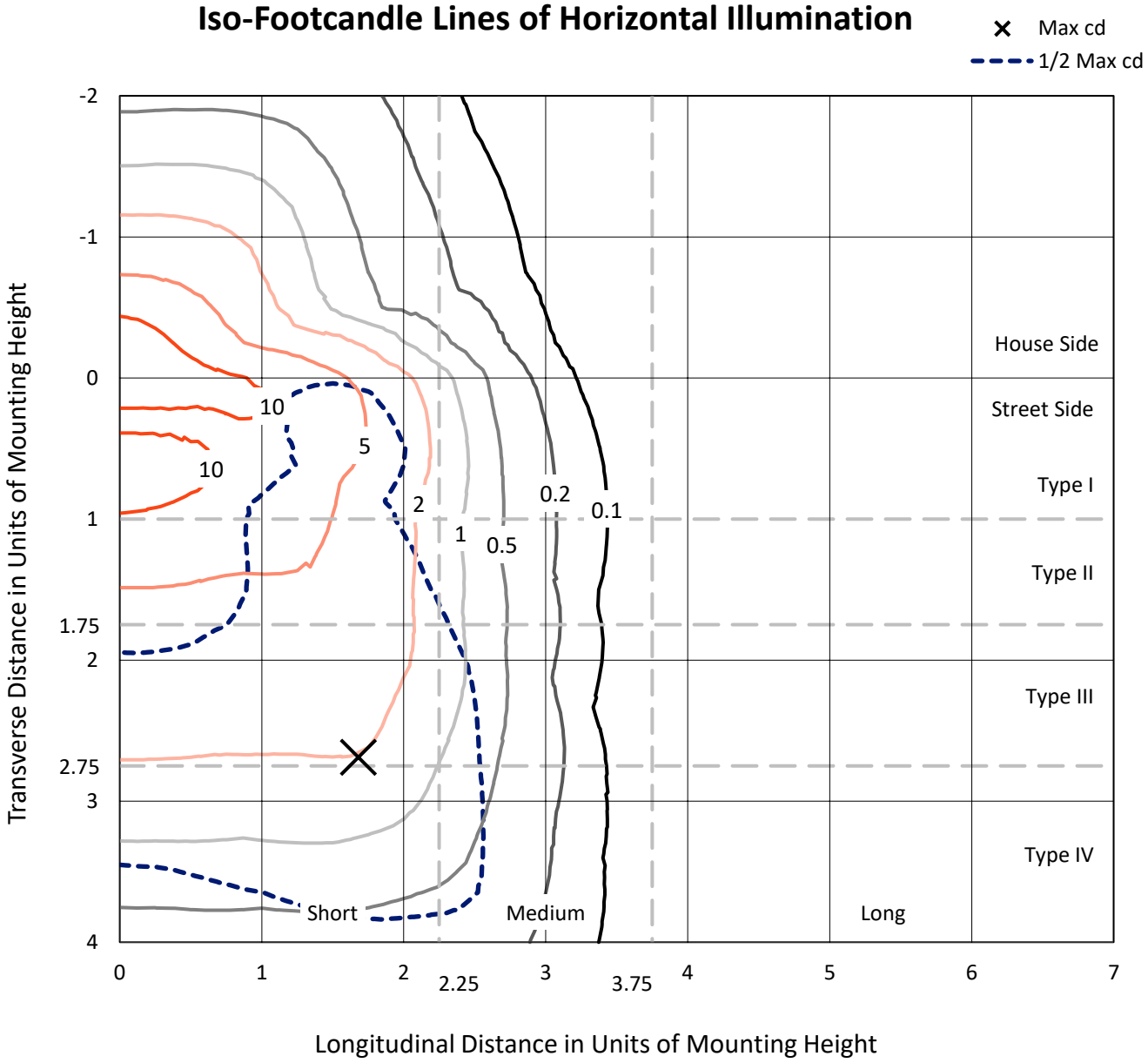
Input Watts (W):	300
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.3%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1357661
CATALOG NUMBER: GSS-SB6C-727-U-T4FT

Iso-Footcandle Lines of Horizontal Illumination



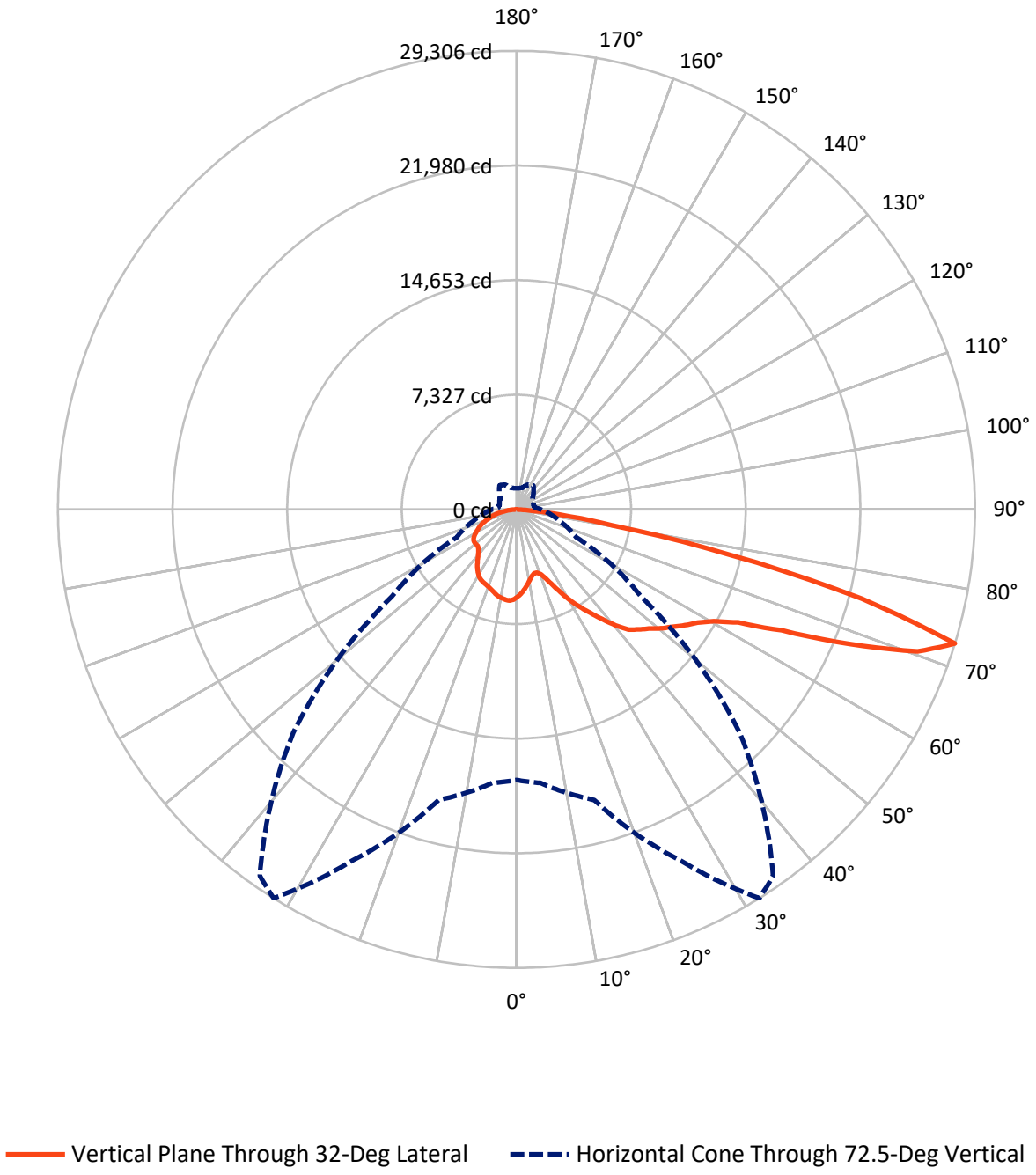
Based on 20 foot mounting height. Maximum calculated value = 14.1 fc
Type IV - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1357661
CATALOG NUMBER: GSS-SB6C-727-U-T4FT

Luminous Intensity Polar Plot



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

Scaled Data Report

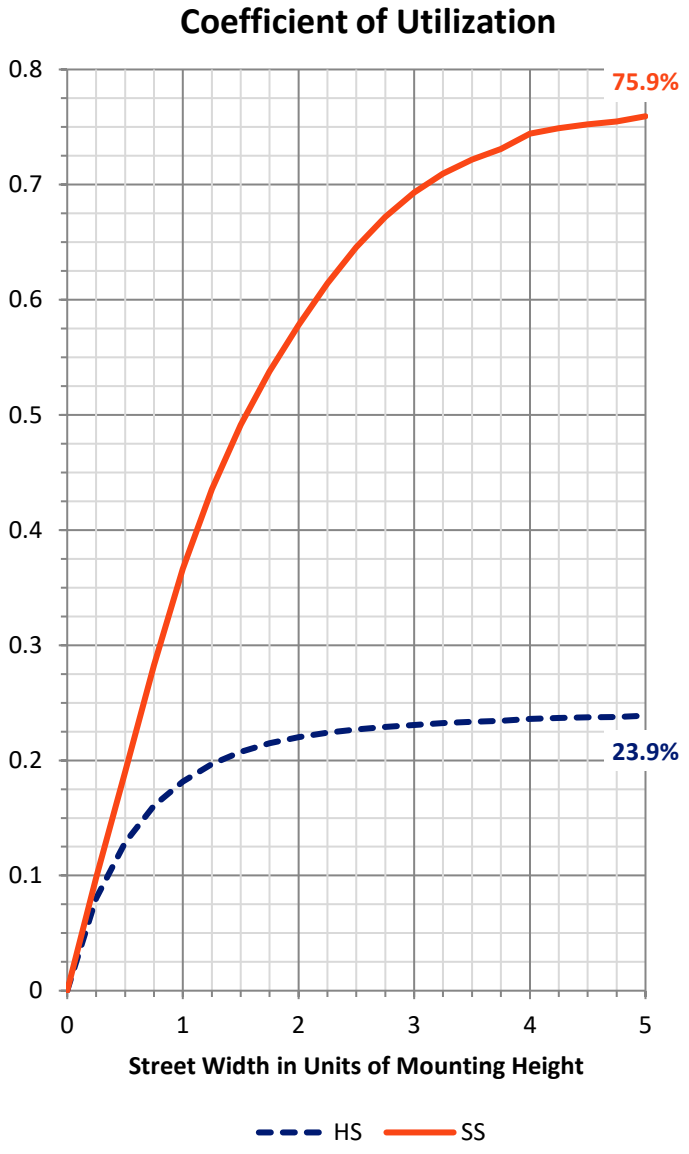
REPORT NUMBER: P1357661
CATALOG NUMBER: GSS-SB6C-727-U-T4FT

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9186.3	0.0	9186.3
	% Fixture	24.1	0.0	24.1
Street Side	Lumens	28904.7	0.0	28904.7
	% Fixture	75.9	0.0	75.9
Total	Lumens	38091.0	0.0	38091.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	523.3	1.4
10°-20°	1484.8	3.9
20°-30°	2572.7	6.8
30°-40°	4063.8	10.7
40°-50°	5922.9	15.5
50°-60°	8029.0	21.1
60°-70°	9240.5	24.3
70°-80°	5782.3	15.2
80°-90°	471.7	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°	38091.0	100.0
0°-180°	38091.0	100.0



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

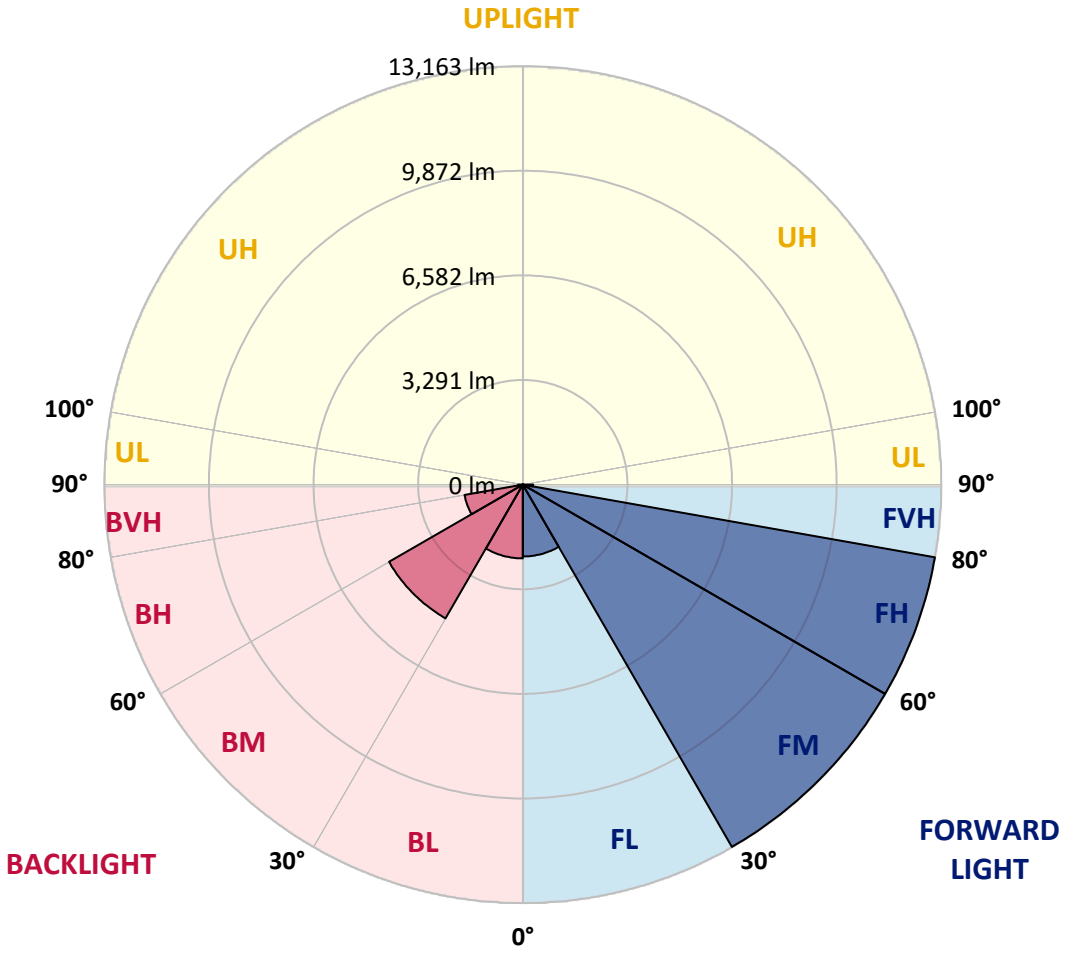
Scaled Data Report

REPORT NUMBER: P1357661
CATALOG NUMBER: GSS-SB6C-727-U-T4FT

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2259.6	5.9			
FM	(30°-60°)	13158.0	34.5			
FH	(60°-80°)	13163.0	34.6			G5
FVH	(80°-90°)	324.1	0.9			G3/500
BL	(0°-30°)	2321.2	6.1	B3/2500		
BM	(30°-60°)	4857.6	12.8	B3/5000		
BH	(60°-80°)	1859.8	4.9	B3/2500		G3/2500
BVH	(80°-90°)	147.7	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-G5
Type IV Short



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

Scaled Data Report

REPORT NUMBER: P1357661
CATALOG NUMBER: GSS-SB6C-727-U-T4FT

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0
2.5°	5358.6	5349.9	5393.6	5376.1	5411.2	5393.6	5393.6	5446.2	5490.0	5551.2	5595.0
5°	5060.9	5069.7	5060.9	5148.5	5148.5	5157.2	5227.3	5367.4	5472.4	5542.5	5586.3
7.5°	4675.7	4693.2	4728.2	4824.5	4885.8	4929.6	5060.9	5209.8	5384.9	5516.2	5673.8
10°	4360.4	4334.2	4413.0	4518.0	4605.6	4649.4	4868.3	5104.7	5341.1	5560.0	5691.3
12.5°	4132.8	4132.8	4176.6	4272.9	4369.2	4439.2	4684.4	4973.4	5288.6	5560.0	5805.2
15°	4089.0	4106.5	4124.0	4159.1	4246.6	4281.6	4518.0	4877.0	5227.3	5638.8	5884.0
17.5°	4237.9	4220.3	4202.8	4220.3	4255.4	4272.9	4448.0	4798.2	5192.3	5647.6	5927.8
20°	4640.6	4605.6	4579.3	4448.0	4421.7	4439.2	4509.3	4772.0	5201.0	5770.1	6111.6
22.5°	5201.0	5218.5	5113.5	4894.6	4789.5	4780.7	4693.2	4868.3	5253.5	5866.5	6269.2
25°	6006.6	5927.8	5822.7	5560.0	5341.1	5262.3	5078.4	5069.7	5367.4	6041.6	6496.9
27.5°	6820.9	6777.1	6610.7	6243.0	5997.8	5884.0	5551.2	5384.9	5533.7	6251.7	6759.6
30°	7731.5	7731.5	7460.0	7048.5	6724.5	6514.4	6120.4	5805.2	5813.9	6531.9	7136.1
32.5°	8668.4	8615.8	8353.1	7749.0	7425.0	7214.9	6689.5	6365.5	6260.5	6925.9	7652.7
35°	9342.6	9360.1	9114.9	8580.8	8116.7	7915.3	7442.5	7074.8	6838.4	7477.5	8309.4
37.5°	9955.5	9973.0	9824.1	9298.8	8887.2	8685.9	8151.8	7897.8	7538.8	8265.6	9097.4
40°	10261.9	10218.1	10174.4	9981.7	9745.3	9587.7	9036.1	8703.4	8388.2	9114.9	9955.5
42.5°	10489.6	10489.6	10419.5	10507.1	10507.1	10402.0	9973.0	9675.3	9360.1	10297.0	10866.1
45°	10752.3	10638.4	10638.4	10717.2	10936.1	11006.2	11041.2	10761.0	10472.1	11470.2	11855.5
47.5°	11023.7	11050.0	10979.9	11076.2	11382.7	11689.1	12144.4	11890.5	11575.3	12862.4	12976.3
50°	11365.2	11400.2	11400.2	11610.3	11951.8	12310.8	13431.6	13168.9	12643.5	14438.5	14210.8
52.5°	11452.7	11470.2	11732.9	11969.3	12468.4	12958.7	14718.7	14342.2	13781.8	15874.5	15287.8
55°	11295.1	11426.5	11899.3	12354.6	13072.6	13659.2	15944.5	15471.7	14613.6	16969.0	16137.1
57.5°	11654.1	11706.7	12144.4	12661.0	13659.2	14412.2	17152.8	16478.6	15191.5	17870.8	16478.6
60°	12415.9	12380.9	12766.1	13344.0	14499.8	15471.7	18457.5	17336.7	15673.1	18019.7	15804.4
62.5°	14123.3	13948.2	14088.3	14613.6	15909.5	17231.6	19797.1	18037.2	15375.4	16548.7	13527.9
65°	16434.8	16382.3	16294.7	16846.4	18623.8	19753.3	21469.5	17888.3	13886.9	13965.7	10874.8
67.5°	18501.2	18571.3	18518.7	19989.7	22975.5	24008.7	23246.9	16811.3	11505.3	9964.2	6996.0
70°	19298.0	19438.1	20366.2	23168.1	27195.9	28395.4	24052.5	14070.7	7967.9	5384.9	3441.1
72.5°	17301.7	17555.6	19228.0	24753.0	29306.0	28596.8	20164.9	9710.3	4202.8	2836.9	1917.5
75°	11960.6	12223.3	14762.5	20760.3	22800.4	21635.9	12380.9	4185.3	2171.5	1654.9	1182.0
77.5°	4693.2	5376.1	7039.8	11584.1	13974.4	13711.8	5866.5	1444.7	1208.3	1006.9	770.5
80°	1576.1	1786.2	2618.0	4570.6	6199.2	6549.4	2136.4	735.5	700.5	612.9	481.6
82.5°	569.1	639.2	1120.8	1724.9	2828.2	2845.7	691.7	394.0	429.0	367.7	253.9
85°	192.6	210.1	262.7	534.1	691.7	744.3	192.6	148.9	175.1	157.6	113.8
87.5°	17.5	17.5	17.5	26.3	26.3	26.3	26.3	35.0	35.0	26.3	26.3
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: P1357661
CATALOG NUMBER: GSS-SB6C-727-U-T4FT

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0	5595.0
2.5°	5603.8	5630.1	5647.6	5682.6	5726.4	5735.1	5770.1	5778.9	5761.4	5778.9	5761.4
5°	5656.3	5700.1	5735.1	5787.7	5822.7	5866.5	5857.7	5831.4	5831.4	5787.7	5857.7
7.5°	5726.4	5787.7	5813.9	5866.5	5875.2	5848.9	5813.9	5805.2	5717.6	5717.6	5735.1
10°	5822.7	5875.2	5901.5	5919.0	5866.5	5822.7	5752.6	5708.9	5673.8	5638.8	5647.6
12.5°	5892.7	5945.3	5945.3	5884.0	5822.7	5752.6	5691.3	5603.8	5577.5	5533.7	5533.7
15°	5936.5	6024.1	5962.8	5866.5	5743.9	5647.6	5551.2	5472.4	5437.4	5428.7	5463.7
17.5°	6050.3	6094.1	5945.3	5778.9	5647.6	5516.2	5411.2	5349.9	5306.1	5297.3	5367.4
20°	6181.7	6146.6	5892.7	5682.6	5533.7	5358.6	5271.1	5253.5	5236.0	5288.6	5288.6
22.5°	6313.0	6251.7	5840.2	5603.8	5367.4	5244.8	5166.0	5218.5	5227.3	5262.3	5297.3
25°	6505.6	6356.8	5822.7	5481.2	5174.7	5087.2	5095.9	5166.0	5183.5	5183.5	5201.0
27.5°	6715.8	6531.9	5831.4	5297.3	4982.1	4955.8	5017.1	5043.4	5069.7	5043.4	5052.2
30°	7013.5	6715.8	5787.7	5087.2	4815.8	4859.5	4894.6	4885.8	4772.0	4745.7	4763.2
32.5°	7451.3	6969.7	5752.6	4920.8	4728.2	4728.2	4693.2	4588.1	4474.3	4369.2	4404.2
35°	7950.4	7284.9	5621.3	4789.5	4640.6	4605.6	4465.5	4290.4	4080.3	3957.7	3966.4
37.5°	8475.7	7573.9	5481.2	4640.6	4500.5	4413.0	4211.6	3940.2	3730.0	3607.4	3589.9
40°	9158.7	7897.8	5271.1	4439.2	4307.9	4167.8	3940.2	3642.5	3432.3	3336.0	3388.5
42.5°	9850.4	8274.3	5025.9	4159.1	4054.0	3966.4	3712.5	3423.6	3222.2	3160.9	3195.9
45°	10620.9	8659.6	4772.0	3826.3	3773.8	3756.3	3537.4	3309.7	3134.6	3047.1	3038.3
47.5°	11409.0	9062.4	4421.7	3528.6	3502.4	3616.2	3449.8	3257.2	3108.3	2968.3	2959.5
50°	12293.3	9456.4	3948.9	3152.1	3274.7	3537.4	3476.1	3266.0	3012.0	2793.1	2758.1
52.5°	13081.3	9596.5	3449.8	2854.4	3099.6	3546.1	3502.4	3213.4	2880.7	2618.0	2583.0
55°	13615.4	9360.1	3020.8	2591.7	2968.3	3484.9	3467.3	3134.6	2749.4	2469.2	2434.1
57.5°	13650.5	8668.4	2609.3	2372.9	2758.1	3309.7	3362.3	2977.0	2548.0	2311.6	2285.3
60°	12809.9	7530.1	2276.5	2180.2	2530.5	3082.1	3169.6	2758.1	2364.1	2110.2	2092.7
62.5°	10927.4	6024.1	1961.3	1970.1	2311.6	2775.6	2942.0	2574.2	2180.2	1935.1	1908.8
65°	8694.6	4605.6	1742.4	1786.2	2031.4	2477.9	2731.8	2390.4	1996.3	1759.9	1724.9
67.5°	5840.2	3178.4	1506.0	1593.6	1759.9	2171.5	2521.7	2197.7	1768.7	1576.1	1549.8
70°	2784.4	1847.5	1295.9	1400.9	1506.0	1838.7	2215.2	1926.3	1584.8	1427.2	1418.5
72.5°	*1549.8*	*1182.0*	*1120.8*	*1199.6*	*1260.9*	*1541.0*	*1873.8*	*1742.4*	*1418.5*	*1357.2*	*1348.4*
75°	989.4	840.6	893.1	989.4	1024.4	1217.1	1619.8	1558.6	1278.4	1313.4	1313.4
77.5°	612.9	577.9	683.0	770.5	796.8	998.2	1330.9	1322.1	1068.2	1050.7	928.1
80°	394.0	385.3	490.3	499.1	542.9	761.8	1059.5	1015.7	805.5	735.5	691.7
82.5°	210.1	218.9	297.7	315.2	306.5	464.1	726.7	718.0	595.4	516.6	490.3
85°	78.8	78.8	113.8	140.1	148.9	236.4	385.3	394.0	324.0	245.2	253.9
87.5°	17.5	17.5	17.5	26.3	26.3	52.5	70.0	78.8	87.6	43.8	26.3
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

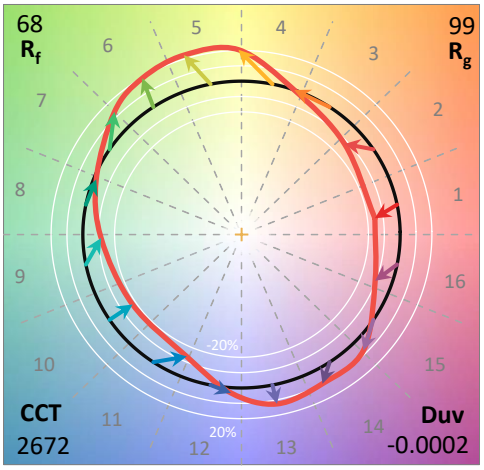
Test Information

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

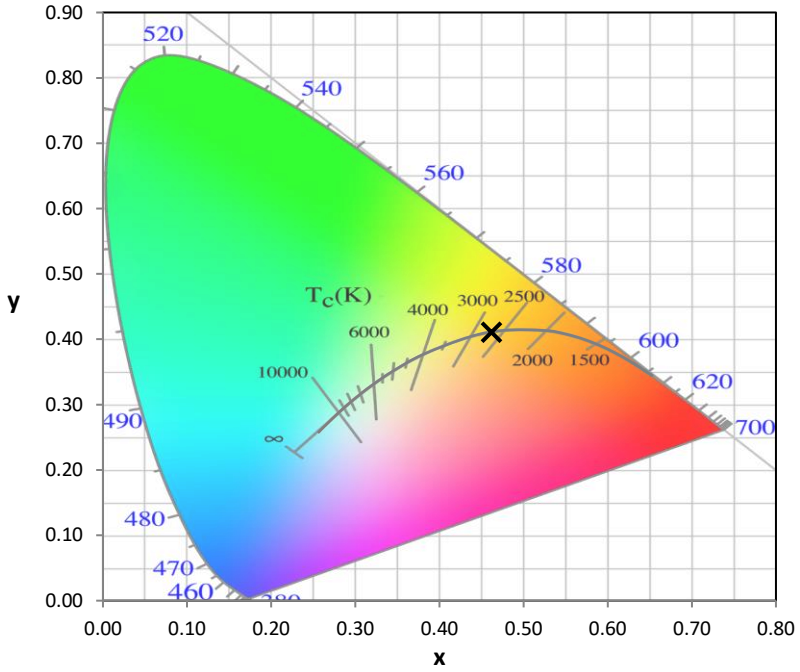
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

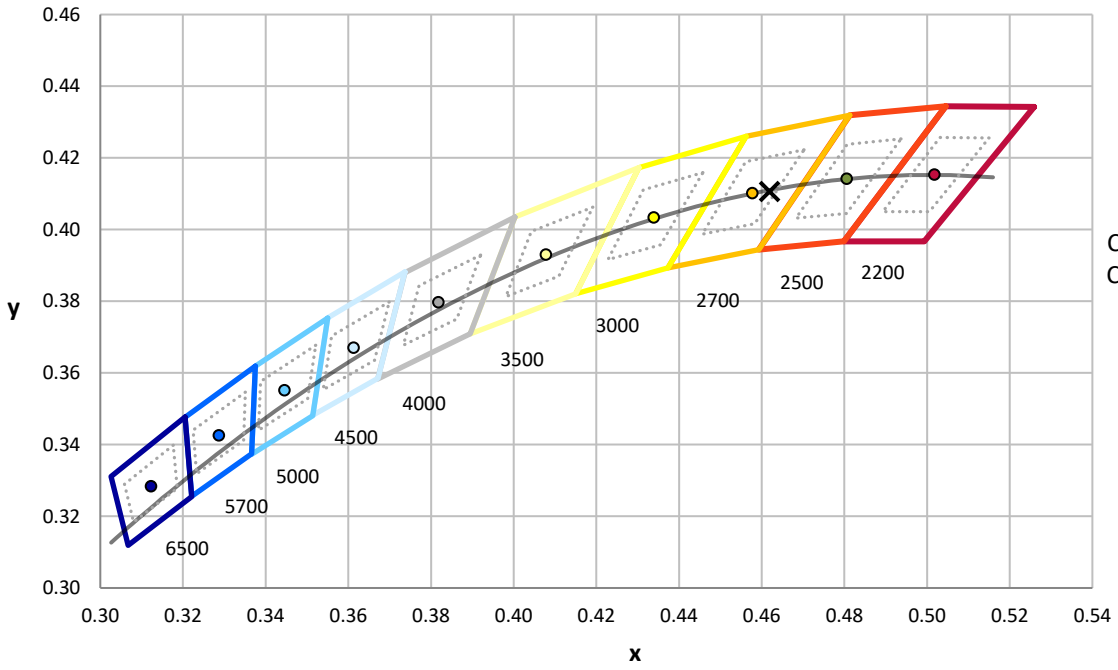
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

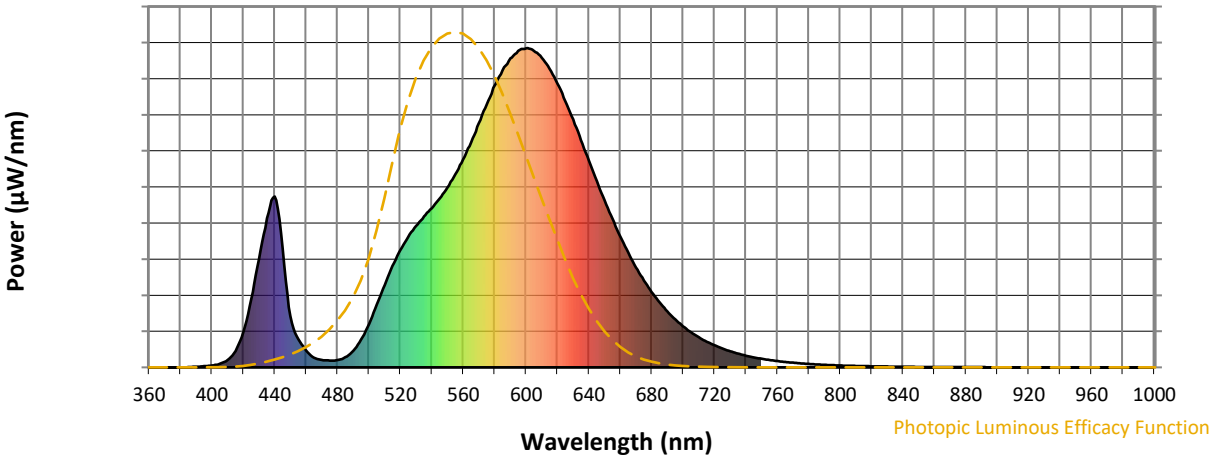


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

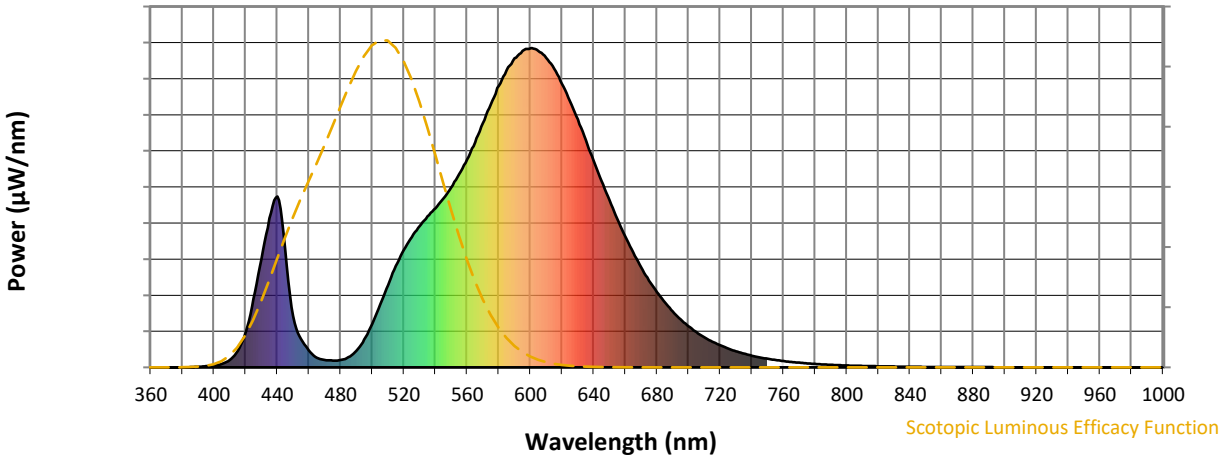


Photopic Lumens: NR

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

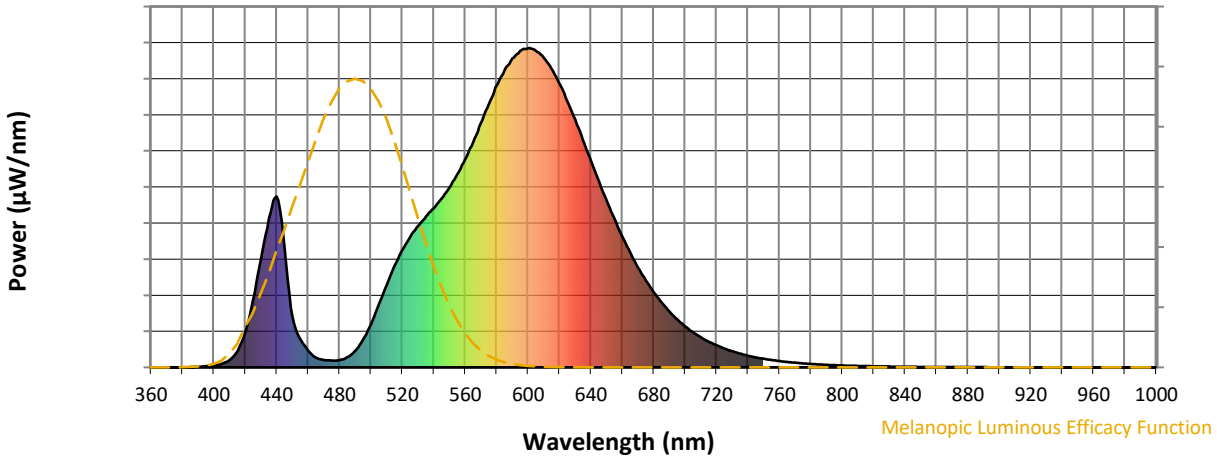


Scotopic Lumens: NR **S/P: 1.02**

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			

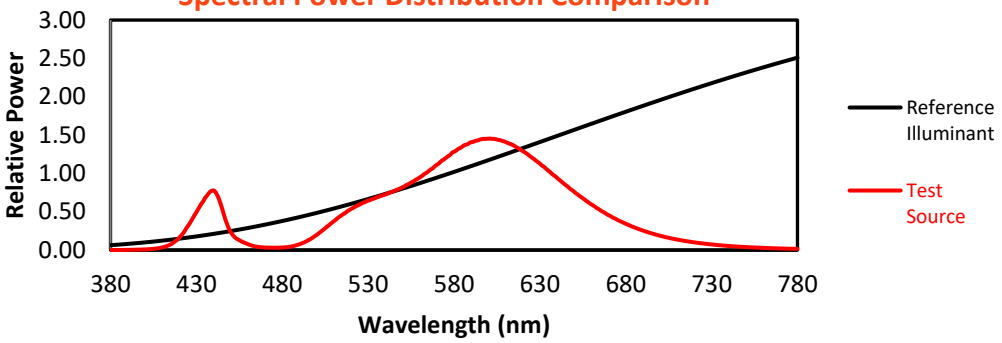
REPORT NUMBER: SP1-2407-184-3

TM-30-18

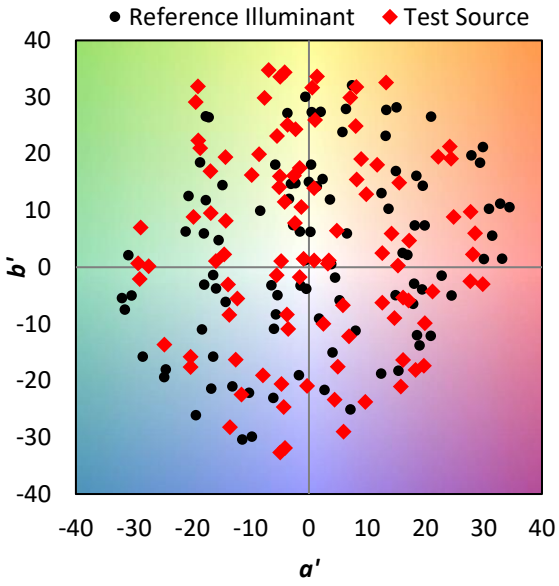
Summary

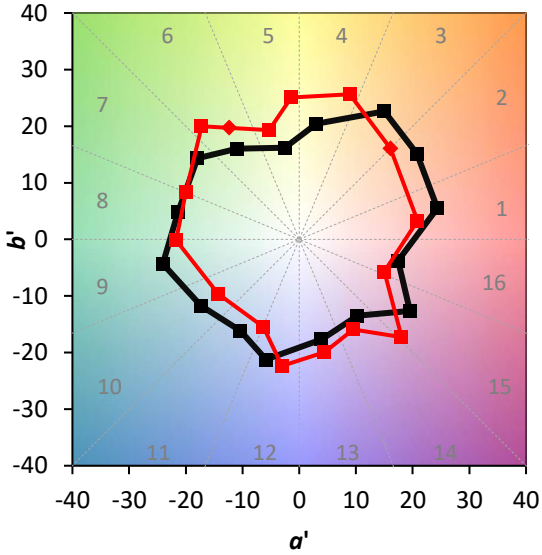
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

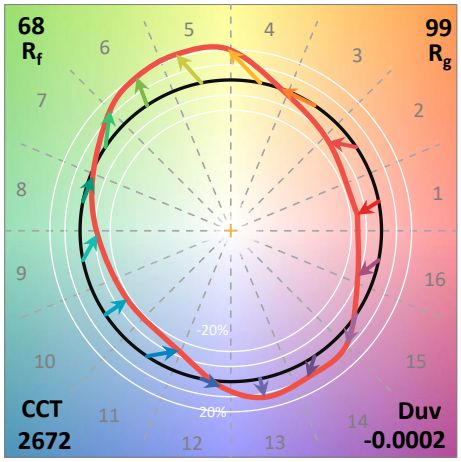
Spectral Power Distribution Comparison

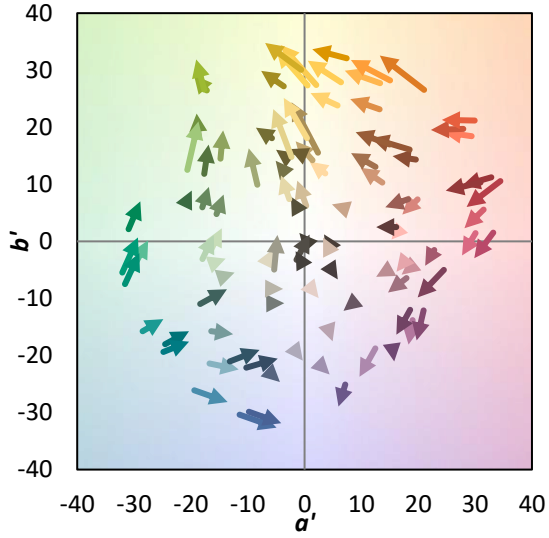


Color Vector Graphics







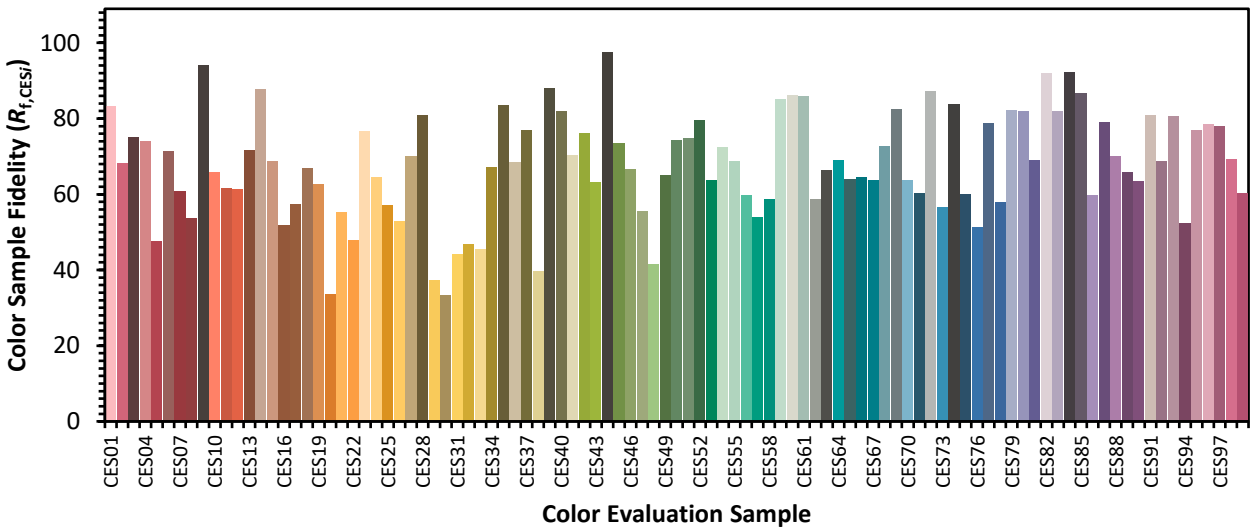


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

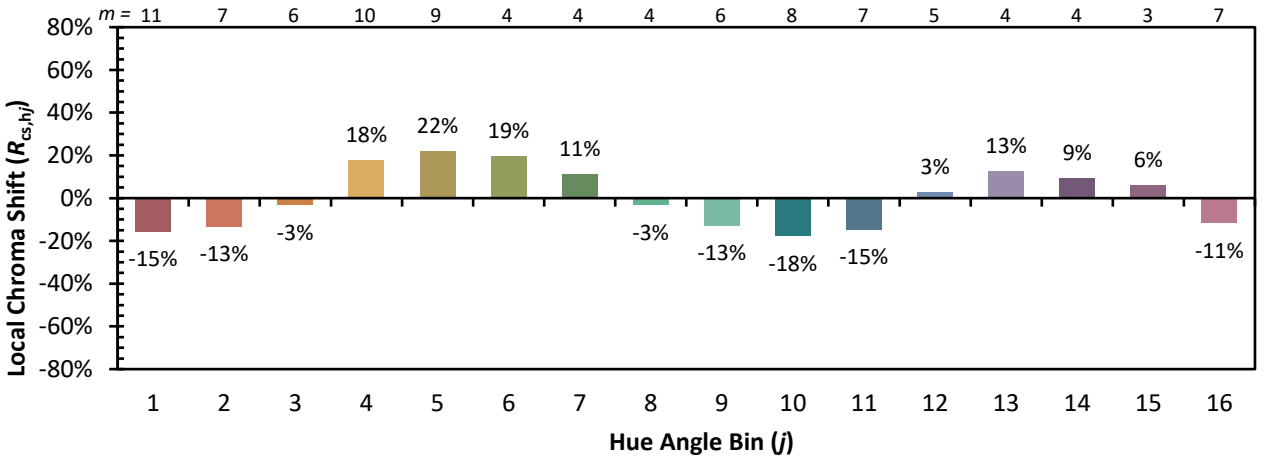
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

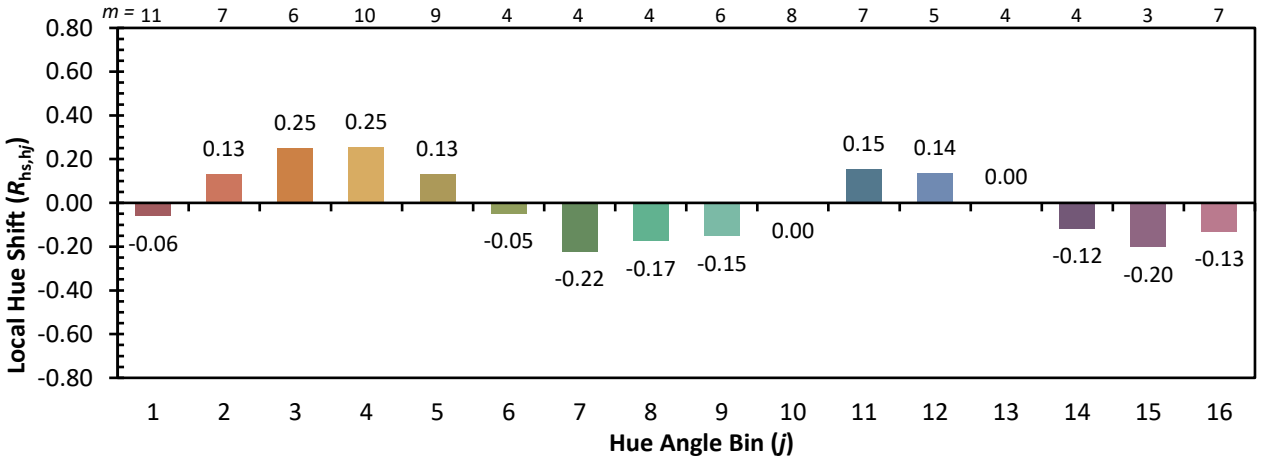


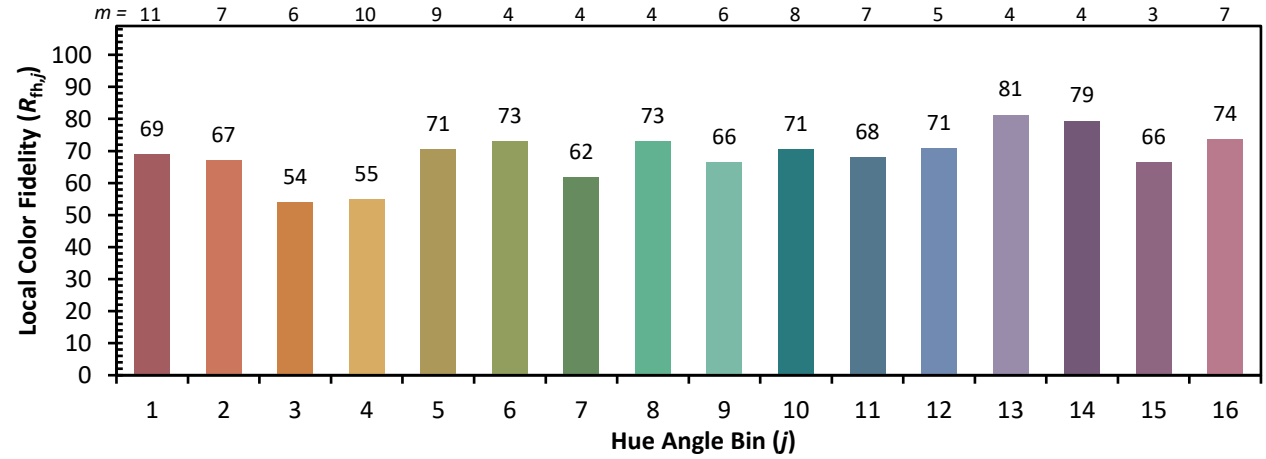
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



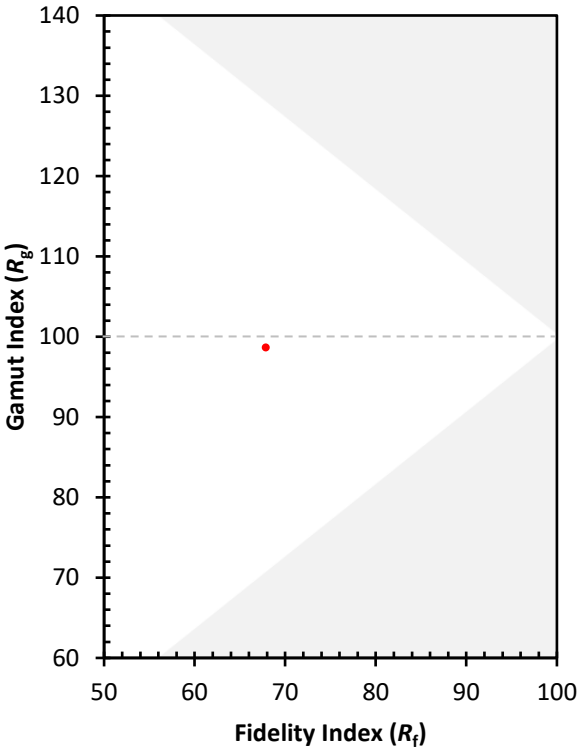


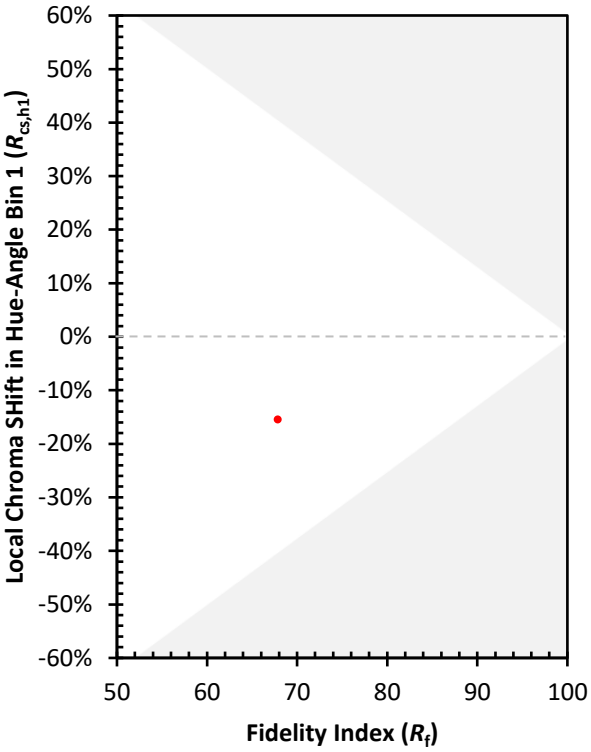


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)