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: P1363411

Luminaire Tested: **GSS-SB4A-727-U-SL3**

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:	P1363411
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	02/18/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-727-U-SL3
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 70CRI 2700K FIXTURE w/ TYPE III SPILL CONTROL DISTRIBUTION OPTIC
Light Source:	(104) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15064.1 lumens
Efficiency:	N/A
Efficacy:	132.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Medium
BUG Rating:	B2 - U0 - G3

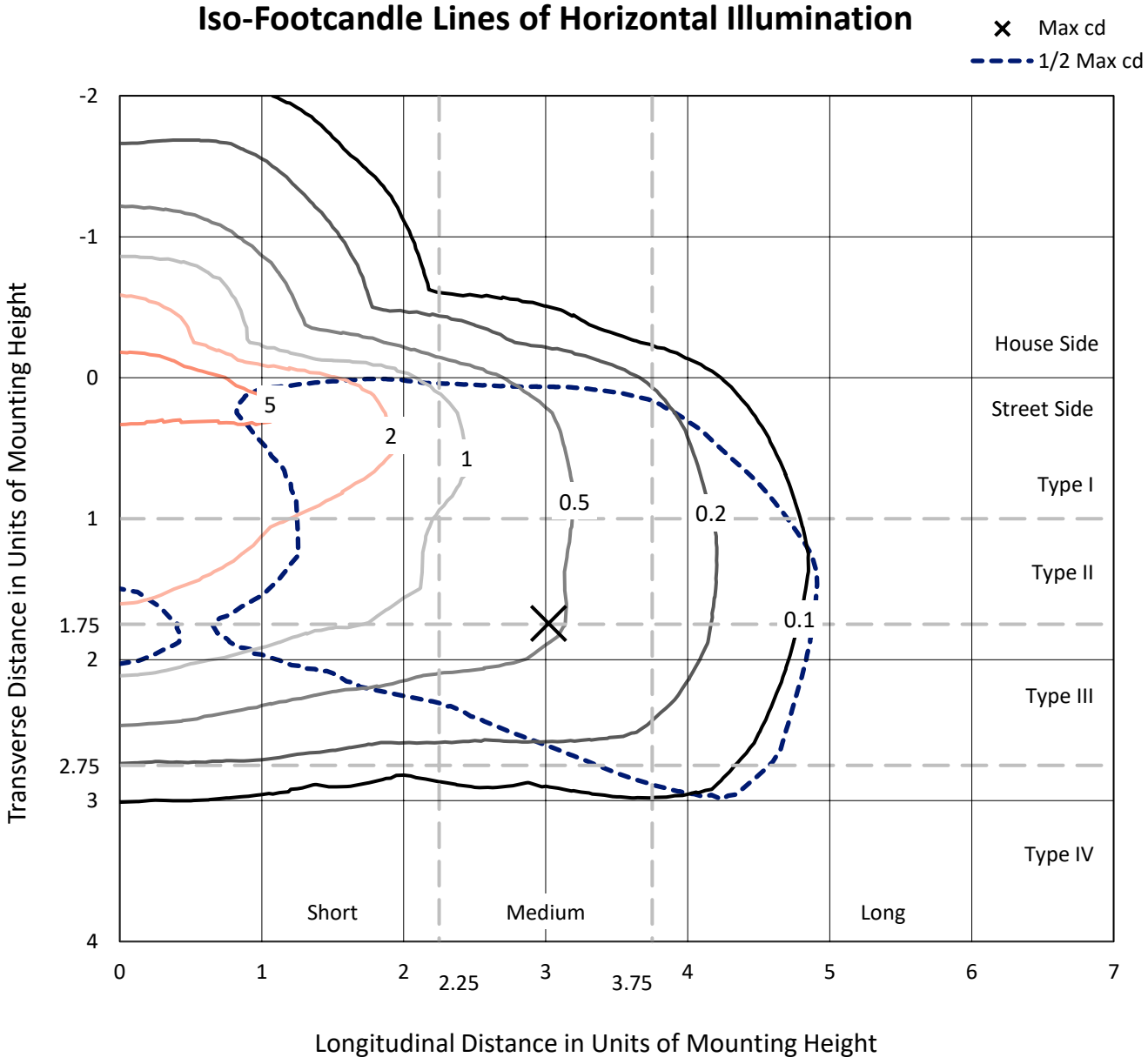
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1363411
CATALOG NUMBER: GSS-SB4A-727-U-SL3

Iso-Footcandle Lines of Horizontal Illumination



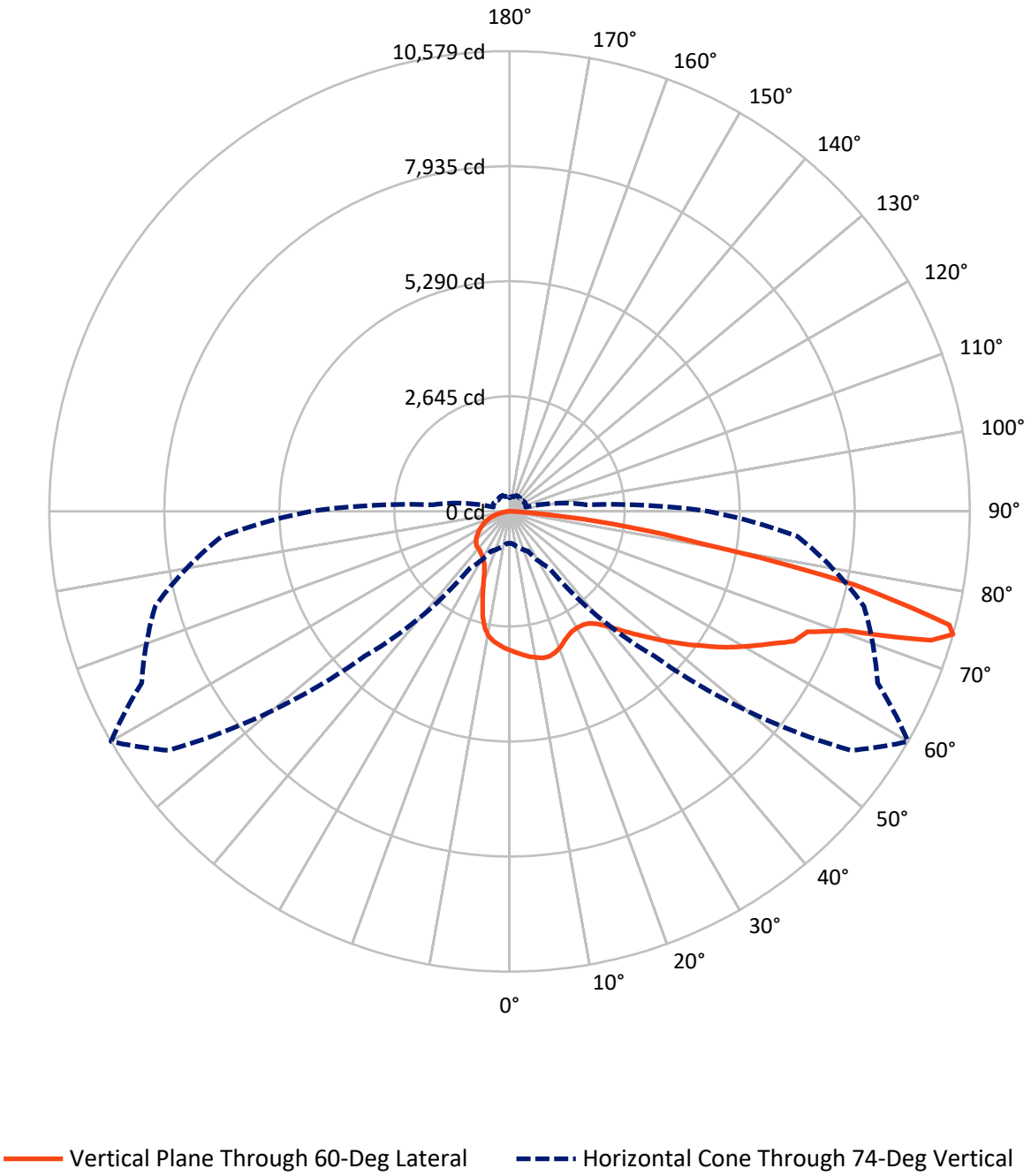
Based on 20 foot mounting height. Maximum calculated value = 8 fc
Type III - Medium - N/A

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REPORT NUMBER: P1363411
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Luminous Intensity Polar Plot



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Scaled Data Report

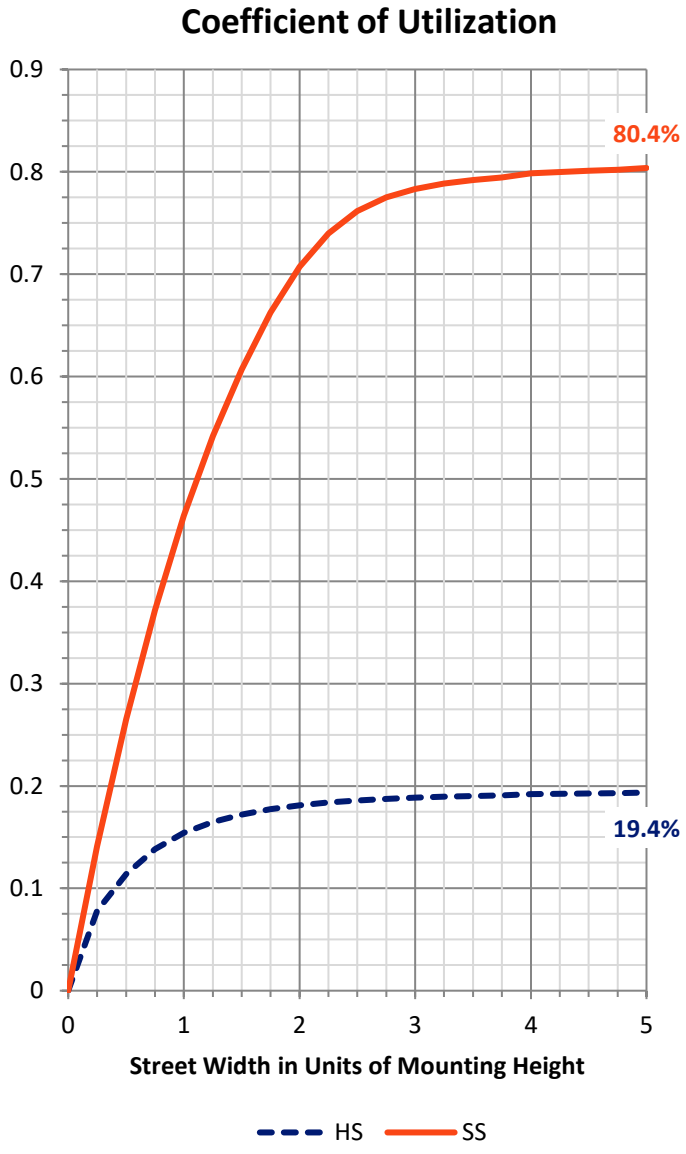
REPORT NUMBER: P1363411
CATALOG NUMBER: GSS-SB4A-727-U-SL3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2940.5	0.0	2940.5
	% Fixture	19.5	0.0	19.5
Street Side	Lumens	12123.6	0.0	12123.6
	% Fixture	80.5	0.0	80.5
Total	Lumens	15064.1	0.0	15064.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	294.0	2.0
10°-20°	721.4	4.8
20°-30°	1078.6	7.2
30°-40°	1537.6	10.2
40°-50°	2210.9	14.7
50°-60°	2960.2	19.7
60°-70°	3476.1	23.1
70°-80°	2479.3	16.5
80°-90°	306.0	2.0
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°	15064.1	100.0
0°-180°	15064.1	100.0



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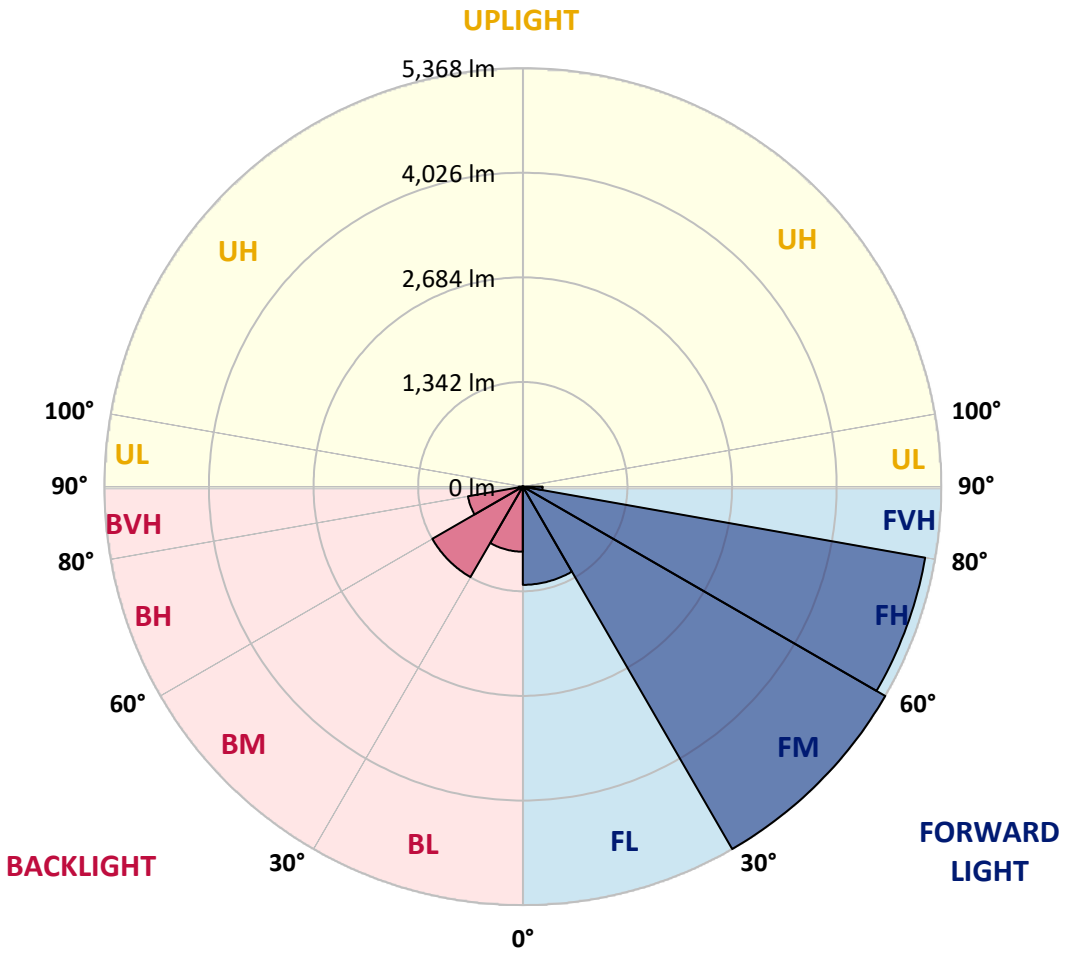
Scaled Data Report

REPORT NUMBER: P1363411
CATALOG NUMBER: GSS-SB4A-727-U-SL3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1259.5	8.4			
FM	(30°-60°)	5368.5	35.6			
FH	(60°-80°)	5241.3	34.8			G3/7500
FVH	(80°-90°)	254.3	1.7			G3/500
BL	(0°-30°)	834.5	5.5	B2/1000		
BM	(30°-60°)	1340.1	8.9	B2/2500		
BH	(60°-80°)	714.2	4.7	B2/1000		G2/1000
BVH	(80°-90°)	51.7	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3
Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	65°	75°	85°
0°	3195.2	3195.2	3195.2	3195.2	3195.2	3195.2	3195.2	*3195.2*	3195.2	3195.2	3195.2
2.5°	3296.4	3300.2	3285.2	3273.9	3273.9	3255.2	3255.2	*3255.2*	3236.4	3232.7	3206.4
5°	3333.9	3330.2	3322.7	3326.4	3330.2	3322.7	3326.4	*3315.2*	3288.9	3281.4	3240.2
7.5°	3228.9	3228.9	3247.7	3285.2	3337.7	3363.9	3378.9	*3371.4*	3360.2	3337.7	3277.7
10°	2850.2	2876.4	2932.7	3056.4	3210.2	3337.7	3420.2	*3416.4*	3420.2	3390.2	3322.7
12.5°	2516.4	2527.6	2580.2	2688.9	2910.2	3183.9	3412.7	*3457.7*	3469.0	3450.2	3367.7
15°	2336.4	2332.6	2373.9	2460.1	2628.9	2928.9	3330.2	*3454.0*	3521.5	3517.7	3431.4
17.5°	2257.6	2261.4	2283.9	2340.1	2463.9	2711.4	3183.9	*3408.9*	3547.7	3592.7	3491.5
20°	2295.1	2283.9	2295.1	2306.4	2373.9	2568.9	3026.4	*3330.2*	3570.2	3664.0	3559.0
22.5°	2373.9	2362.6	2358.9	2351.4	2366.4	2486.4	2883.9	*3232.7*	3589.0	3757.7	3637.7
25°	2512.6	2501.4	2467.6	2426.4	2407.6	2460.1	2790.2	*3150.2*	3607.7	3889.0	3739.0
27.5°	2711.4	2696.4	2647.7	2550.1	2490.1	2497.6	2760.2	*3105.2*	3641.5	4016.5	3836.5
30°	3007.7	3000.2	2891.4	2733.9	2610.2	2565.1	2775.2	*3093.9*	3679.0	4162.7	3934.0
32.5°	3273.9	3266.4	3183.9	3007.7	2801.4	2673.9	2812.7	*3108.9*	3727.7	4350.3	4076.5
35°	3491.5	3476.5	3408.9	3273.9	3063.9	2838.9	2895.2	*3161.4*	3832.7	4597.8	4249.0
37.5°	3712.7	3701.5	3607.7	3465.2	3333.9	3067.7	3033.9	*3281.4*	3975.2	4935.3	4500.3
40°	3979.0	3964.0	3851.5	3682.7	3566.5	3378.9	3232.7	*3472.7*	4192.7	5321.6	4785.3
42.5°	4234.0	4219.0	4087.7	3941.5	3795.2	3679.0	3514.0	*3727.7*	4462.8	5812.8	5122.8
45°	4530.3	4530.3	4346.5	4185.2	4031.5	3889.0	3780.2	*4020.2*	4777.8	6367.9	5497.8
47.5°	4807.8	4781.5	4601.5	4425.3	4275.2	4005.2	4035.2	*4327.8*	5130.3	6930.4	5902.8
50°	4897.8	4890.3	4770.3	4612.8	4485.3	4147.7	4297.8	*4695.3*	5527.8	7466.7	6285.4
52.5°	5002.8	4969.0	4796.5	4774.0	4627.8	4327.8	4620.3	*5074.0*	5891.6	7954.2	6592.9
55°	5134.0	5096.5	4860.3	4815.3	4736.5	4530.3	4987.8	*5464.1*	6236.6	8333.0	6881.7
57.5°	5374.1	5329.1	4995.3	4897.8	4834.0	4785.3	5404.1	*5895.3*	6585.4	8629.3	7129.2
60°	5512.8	5475.3	5190.3	5119.0	5025.3	5137.8	5850.3	*6292.9*	6915.4	8858.0	7320.4
62.5°	5441.6	5415.3	5216.6	5351.6	5426.6	5602.8	6360.4	*6705.4*	7177.9	9030.5	7327.9
65°	5074.0	5021.5	4886.5	5295.3	5887.8	6386.6	7009.2	*7189.2*	7350.4	8565.5	6885.4
67.5°	4192.7	4140.2	4219.0	4639.0	5625.3	7594.2	7901.7	*7384.2*	7039.2	8141.7	6821.6
70°	1905.1	1818.9	2295.1	3281.4	4654.0	7331.7	9143.0	*8194.2*	7354.2	8104.2	6694.1
72.5°	933.8	971.3	1121.3	1473.8	2846.4	5629.1	10080.6	*10133.1*	8423.0	8201.7	6784.1
74°	*731.3*	*742.5*	*866.3*	*1012.6*	*1590.1*	*4699.0*	*9578.1*	*10579.4*	*9334.3*	*8434.2*	*6645.4*
75°	630.0	645.0	768.8	843.8	1023.8	3956.5	8940.5	*10444.4*	9750.6	8389.2	6337.9
77.5°	461.3	457.5	547.5	671.3	480.0	1762.6	7241.7	*8093.0*	8314.2	6832.9	4226.5
80°	285.0	296.3	378.8	468.8	318.8	671.3	4256.5	*4421.5*	3934.0	3956.5	2051.4
82.5°	172.5	180.0	202.5	243.8	176.3	236.3	1927.6	*2403.9*	1991.4	1293.8	345.0
85°	52.5	56.3	67.5	86.3	63.8	86.3	648.8	*585.0*	416.3	172.5	101.3
87.5°	3.8	3.8	7.5	7.5	11.3	18.8	26.3	*30.0*	33.8	37.5	37.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1363411
CATALOG NUMBER: GSS-SB4A-727-U-SL3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3195.2	3195.2	3195.2	3195.2	3195.2	3195.2	3195.2	3195.2	3195.2	3195.2	3195.2
2.5°	3206.4	3195.2	3180.2	3153.9	3135.2	3116.4	3093.9	3060.2	3048.9	3052.7	3060.2
5°	3232.7	3202.7	3157.7	3097.7	3052.7	3015.2	2955.2	2906.4	2876.4	2876.4	2861.4
7.5°	3258.9	3217.7	3146.4	3045.2	2966.4	2861.4	2748.9	2636.4	2557.6	2523.9	2493.9
10°	3303.9	3240.2	3123.9	2988.9	2820.2	2610.2	2381.4	2148.9	2002.6	1927.6	1923.9
12.5°	3333.9	3270.2	3112.7	2895.2	2576.4	2178.9	1830.1	1638.8	1578.8	1552.6	1545.1
15°	3382.7	3296.4	3086.4	2722.7	2201.4	1725.1	1533.8	1477.6	1473.8	1477.6	1481.3
17.5°	3423.9	3318.9	3018.9	2448.9	1766.4	1500.1	1451.3	1447.6	1473.8	1485.1	1496.3
20°	3469.0	3337.7	2898.9	2066.4	1522.6	1432.6	1425.1	1447.6	1485.1	1515.1	1518.8
22.5°	3532.7	3352.7	2688.9	1687.6	1406.3	1395.1	1413.8	1436.3	1458.8	1485.1	1492.6
25°	3600.2	3352.7	2400.1	1428.8	1346.3	1376.3	1395.1	1376.3	1368.8	1391.3	1391.3
27.5°	3652.7	3326.4	1991.4	1290.1	1305.1	1353.8	1342.6	1301.3	1293.8	1308.8	1305.1
30°	3690.2	3228.9	1578.8	1215.1	1263.8	1305.1	1275.1	1252.6	1237.6	1241.3	1245.1
32.5°	3746.5	3078.9	1293.8	1162.6	1230.1	1226.3	1222.6	1200.1	1181.3	1185.1	1188.8
35°	3814.0	2831.4	1132.6	1125.1	1200.1	1170.1	1173.8	1147.6	1125.1	1125.1	1128.8
37.5°	3900.2	2535.1	1065.1	1110.1	1151.3	1147.6	1136.3	1102.6	1068.8	1061.3	1061.3
40°	3994.0	2171.4	1031.3	1102.6	1128.8	1140.1	1117.6	1076.3	986.3	930.1	926.3
42.5°	4054.0	1871.4	1020.1	1091.3	1125.1	1136.3	1106.3	978.8	892.6	855.0	851.3
45°	4140.2	1706.3	1020.1	1061.3	1110.1	1121.3	1016.3	930.1	881.3	862.6	866.3
47.5°	4226.5	1706.3	1020.1	1038.8	1068.8	1083.8	945.1	907.6	862.6	862.6	877.6
50°	4346.5	1800.1	1012.6	1005.1	1016.3	960.1	900.1	870.1	810.0	787.5	791.3
52.5°	4526.5	1942.6	982.6	956.3	960.1	888.8	870.1	825.0	765.0	720.0	708.8
55°	4721.5	2096.4	922.6	900.1	896.3	843.8	836.3	787.5	731.3	671.3	660.0
57.5°	4935.3	2220.1	847.5	843.8	832.5	798.8	810.0	776.3	697.5	618.8	607.5
60°	5137.8	2358.9	776.3	783.8	765.0	757.5	772.5	750.0	652.5	566.3	558.8
62.5°	5137.8	2355.1	712.5	720.0	716.3	697.5	723.8	708.8	592.5	521.3	513.8
65°	4856.5	2250.1	637.5	656.3	671.3	633.8	667.5	641.3	540.0	483.8	472.5
67.5°	4819.0	2208.9	562.5	581.3	607.5	566.3	588.8	562.5	491.3	442.5	435.0
70°	4744.0	2115.1	495.0	517.5	528.8	483.8	513.8	495.0	442.5	405.0	397.5
72.5°	4781.5	2032.6	423.8	450.0	453.8	412.5	442.5	435.0	390.0	363.8	348.8
74°	*4571.5*	*1758.9*	*382.5*	*405.0*	*397.5*	*367.5*	*393.8*	*393.8*	*352.5*	*333.8*	*315.0*
75°	4294.0	1560.1	352.5	375.0	356.3	337.5	363.8	367.5	326.3	326.3	296.3
77.5°	2820.2	1046.3	277.5	292.5	285.0	273.8	288.8	285.0	255.0	247.5	228.8
80°	1380.1	573.8	210.0	202.5	206.3	202.5	213.8	210.0	195.0	187.5	183.8
82.5°	258.8	191.3	138.8	135.0	127.5	120.0	135.0	135.0	180.0	202.5	202.5
85°	78.8	75.0	67.5	67.5	63.8	56.3	60.0	86.3	105.0	71.3	67.5
87.5°	33.8	33.8	30.0	26.3	18.8	18.8	15.0	15.0	15.0	15.0	15.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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

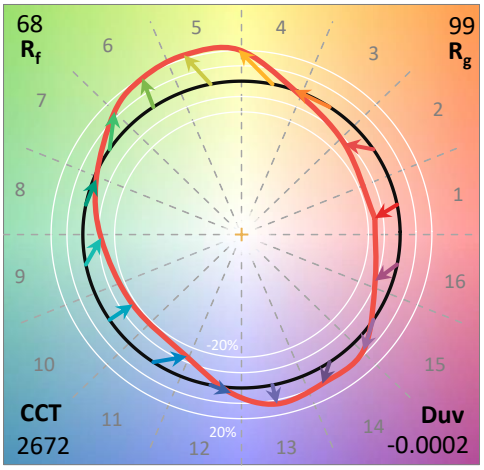
Test Information

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

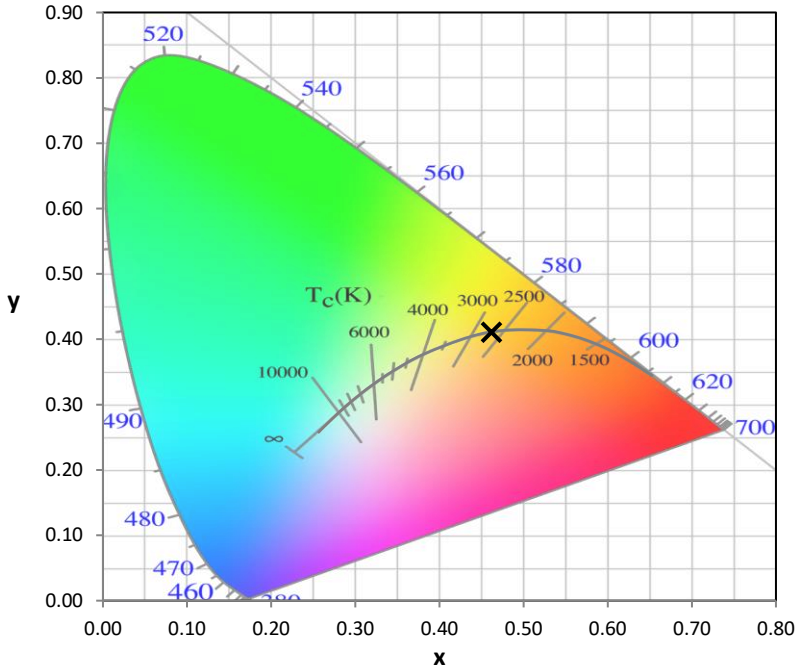
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

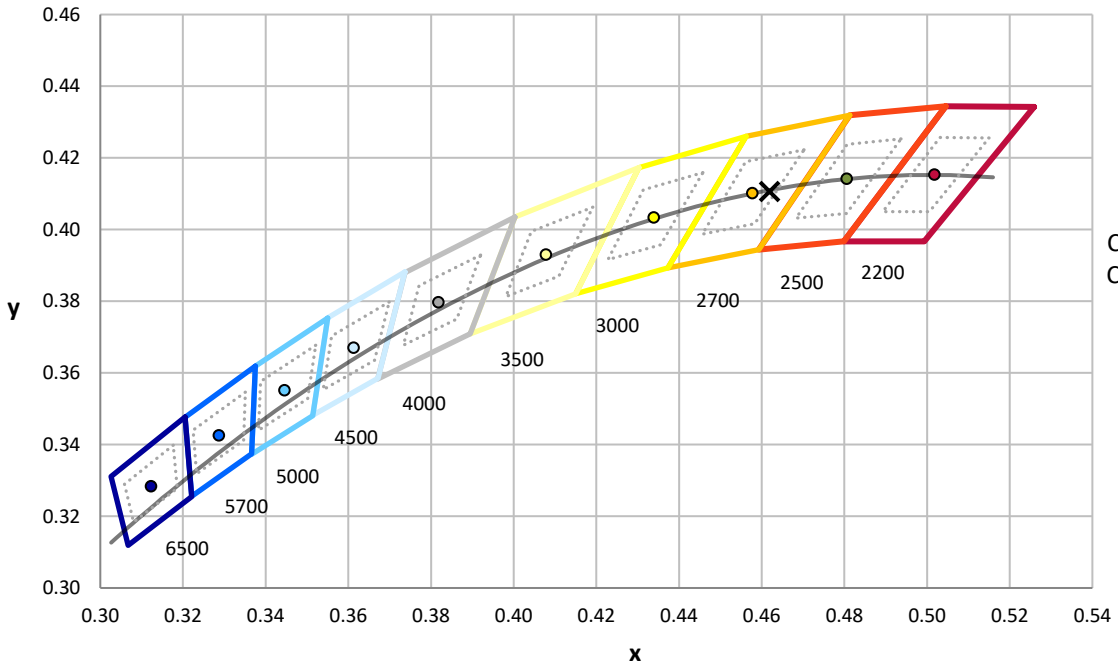
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

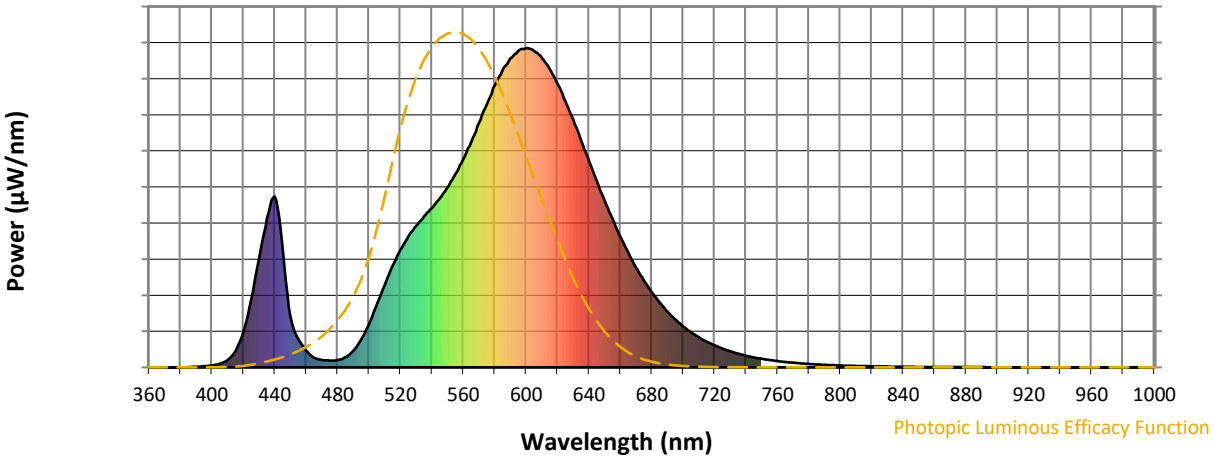


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

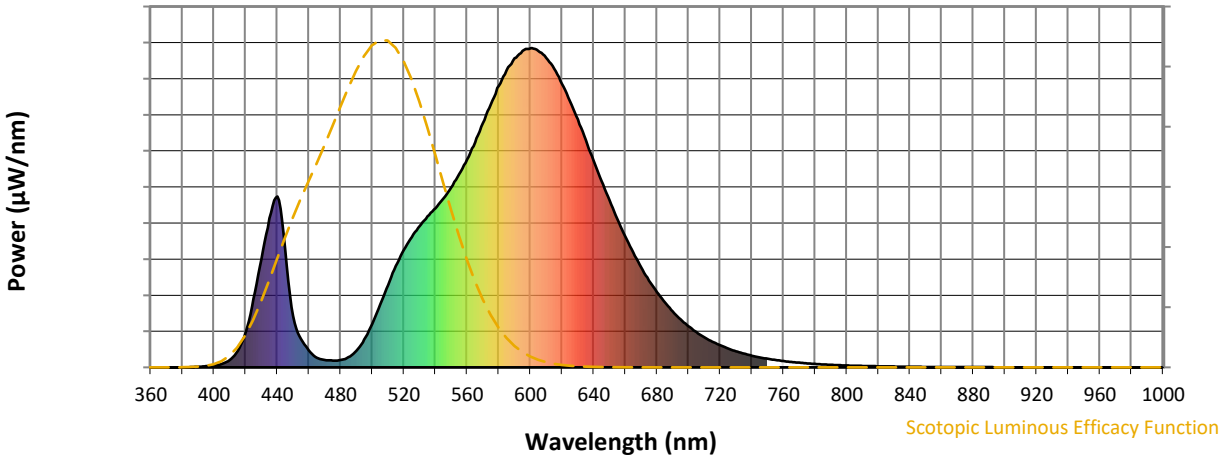


Photopic Lumens: NR

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

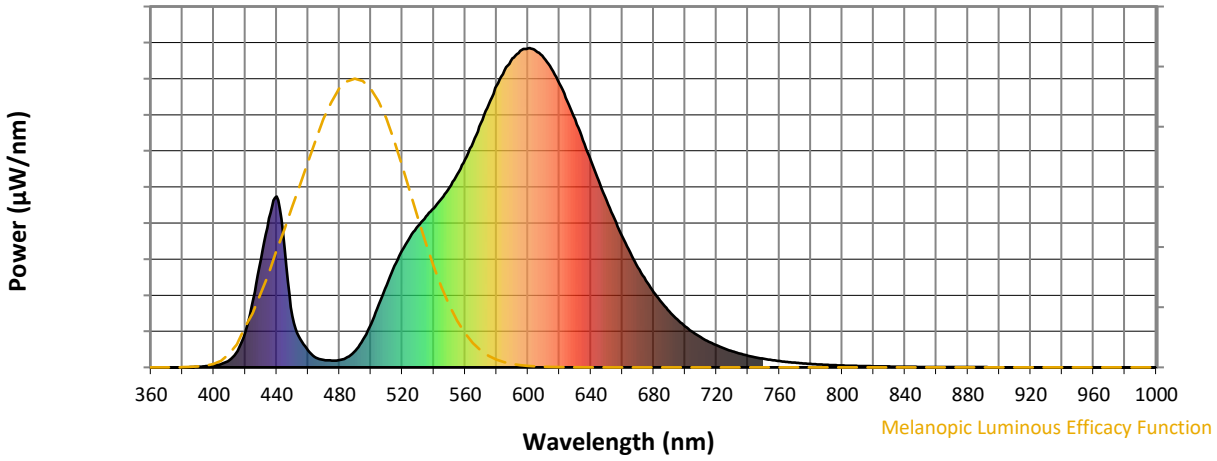


Scotopic Lumens: NR **S/P: 1.02**

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			

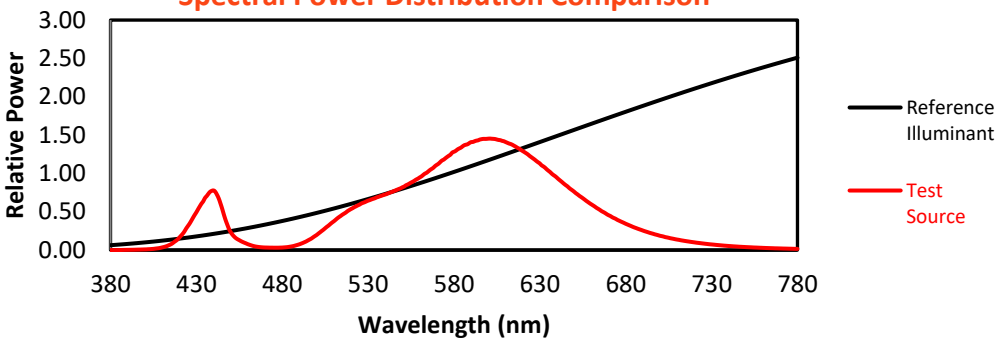
REPORT NUMBER: SP1-2407-184-3

TM-30-18

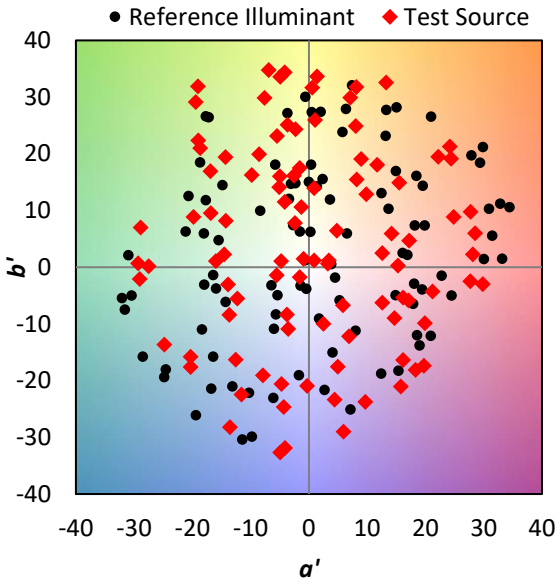
Summary

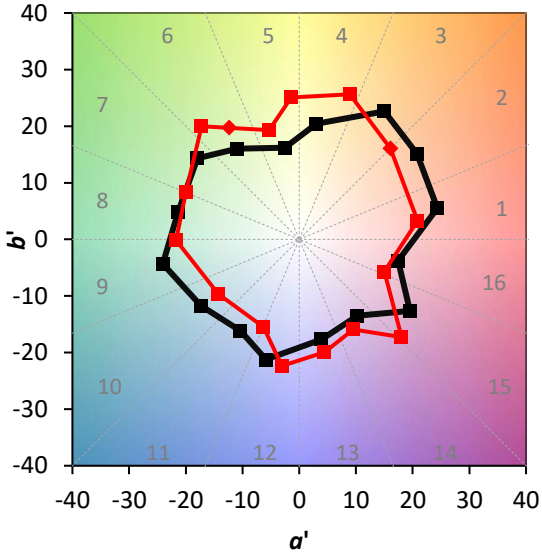
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

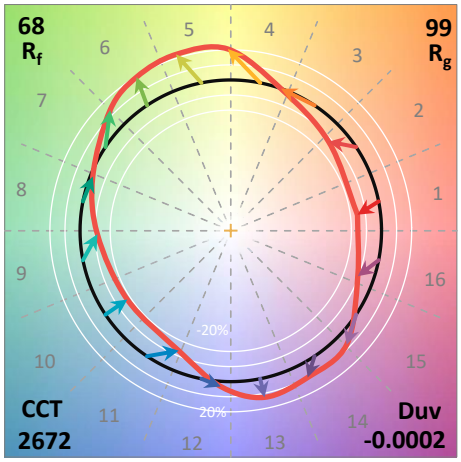
Spectral Power Distribution Comparison

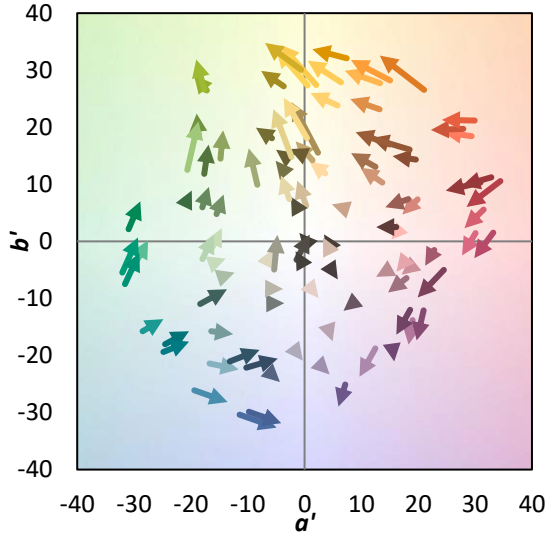


Color Vector Graphics







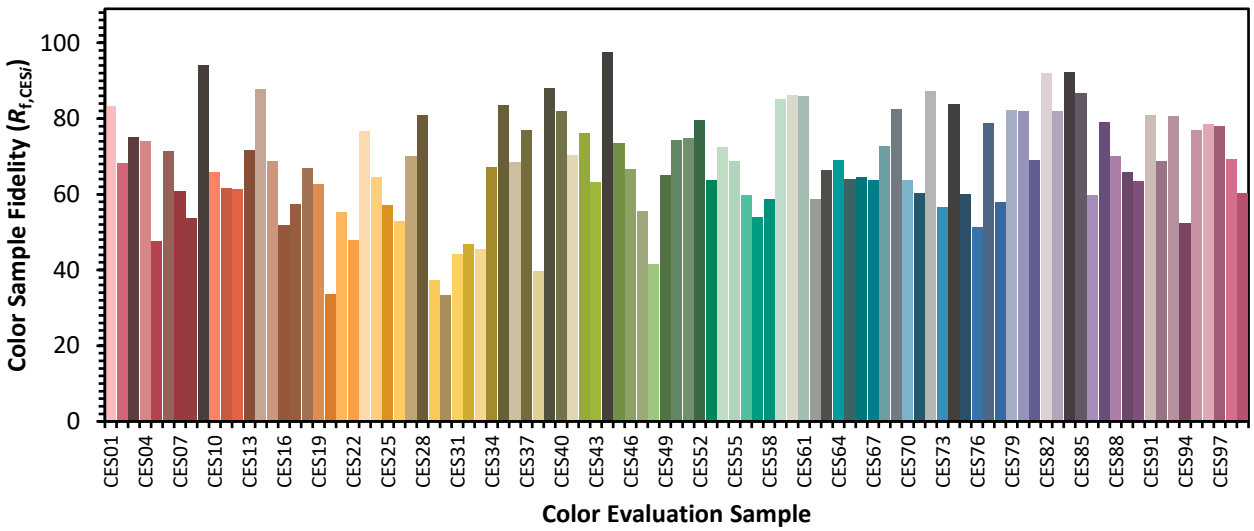


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

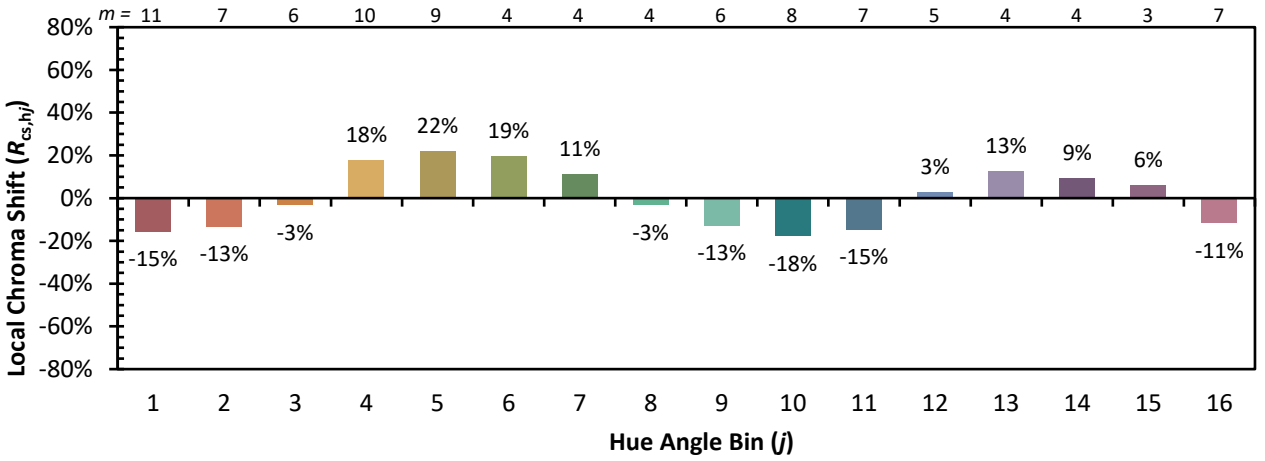
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82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

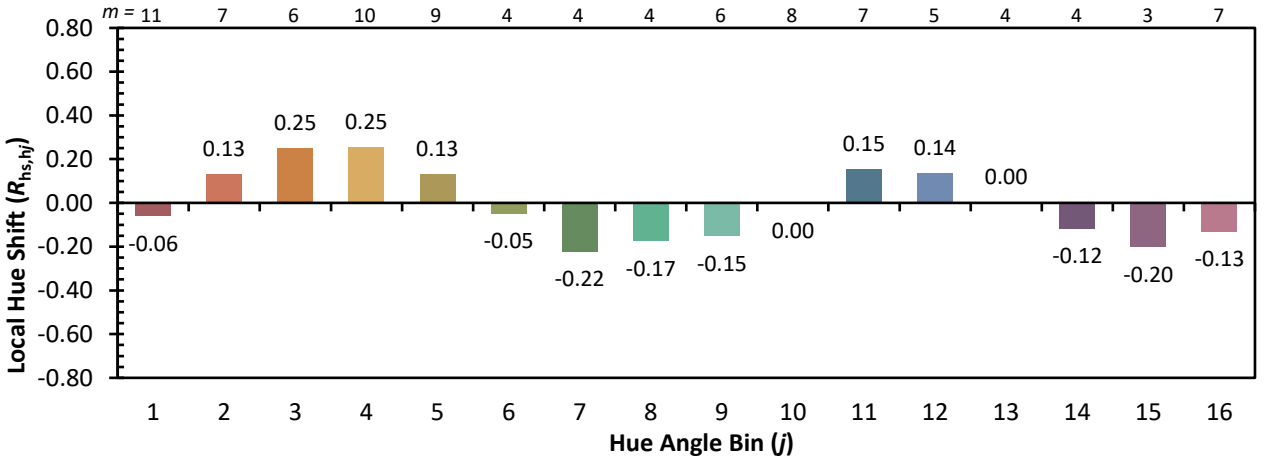


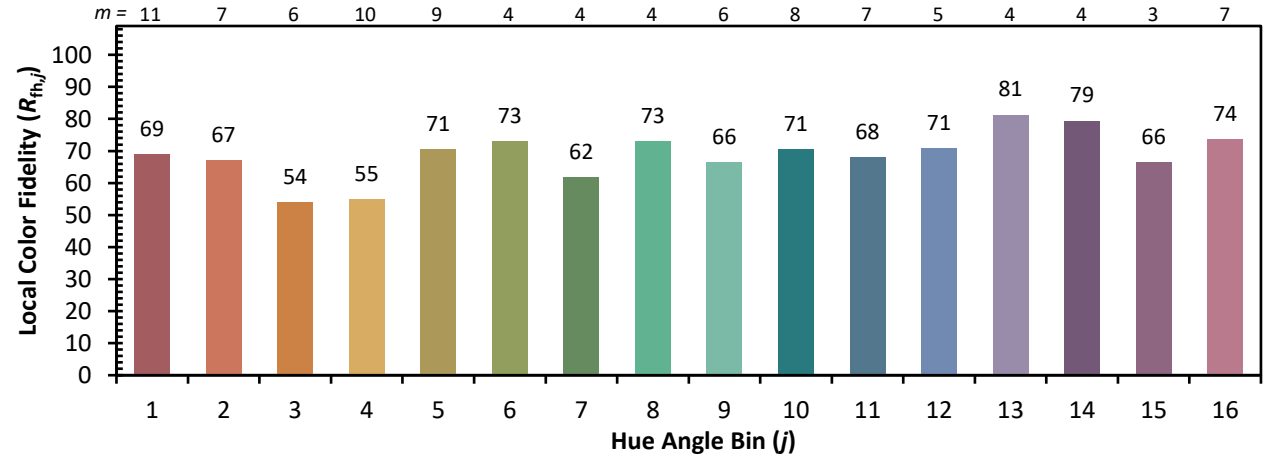
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



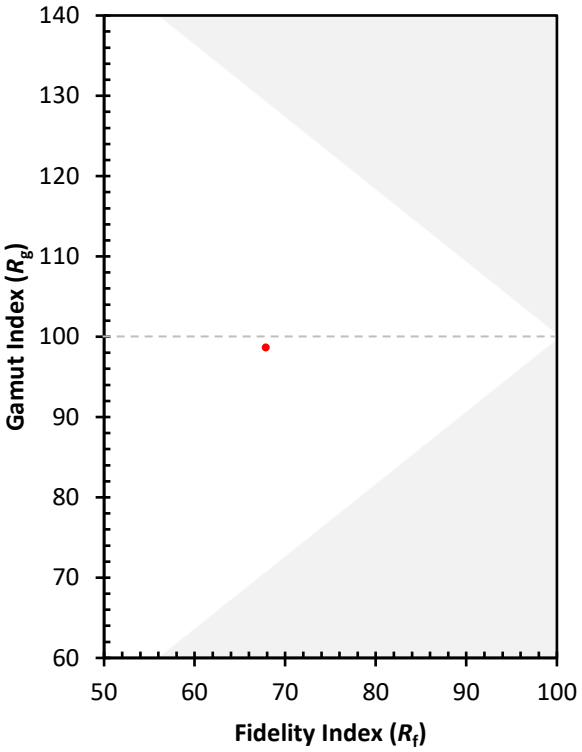


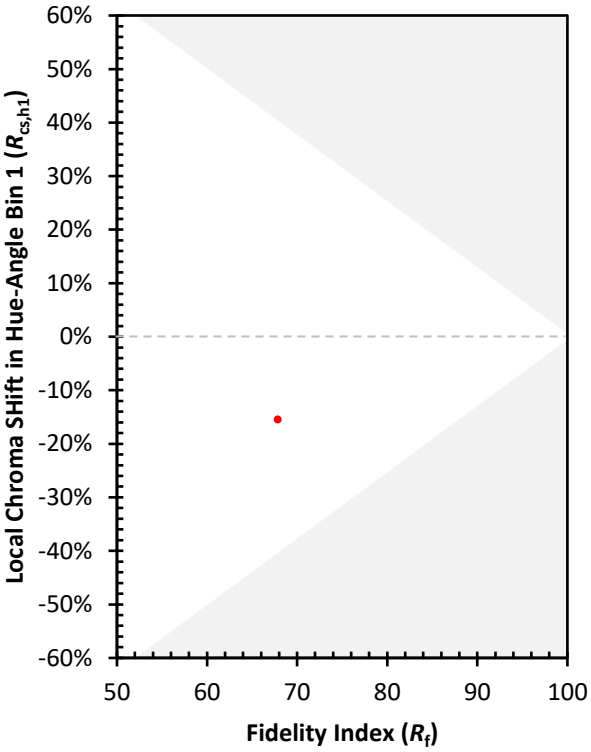


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





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