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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1500738

Luminaire Tested: GSS-SB4B-827-U-T4LG

Issue Date: 07/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1500738
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4B-827-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 148W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19130.3 lumens
Efficiency:	N/A
Efficacy:	129.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

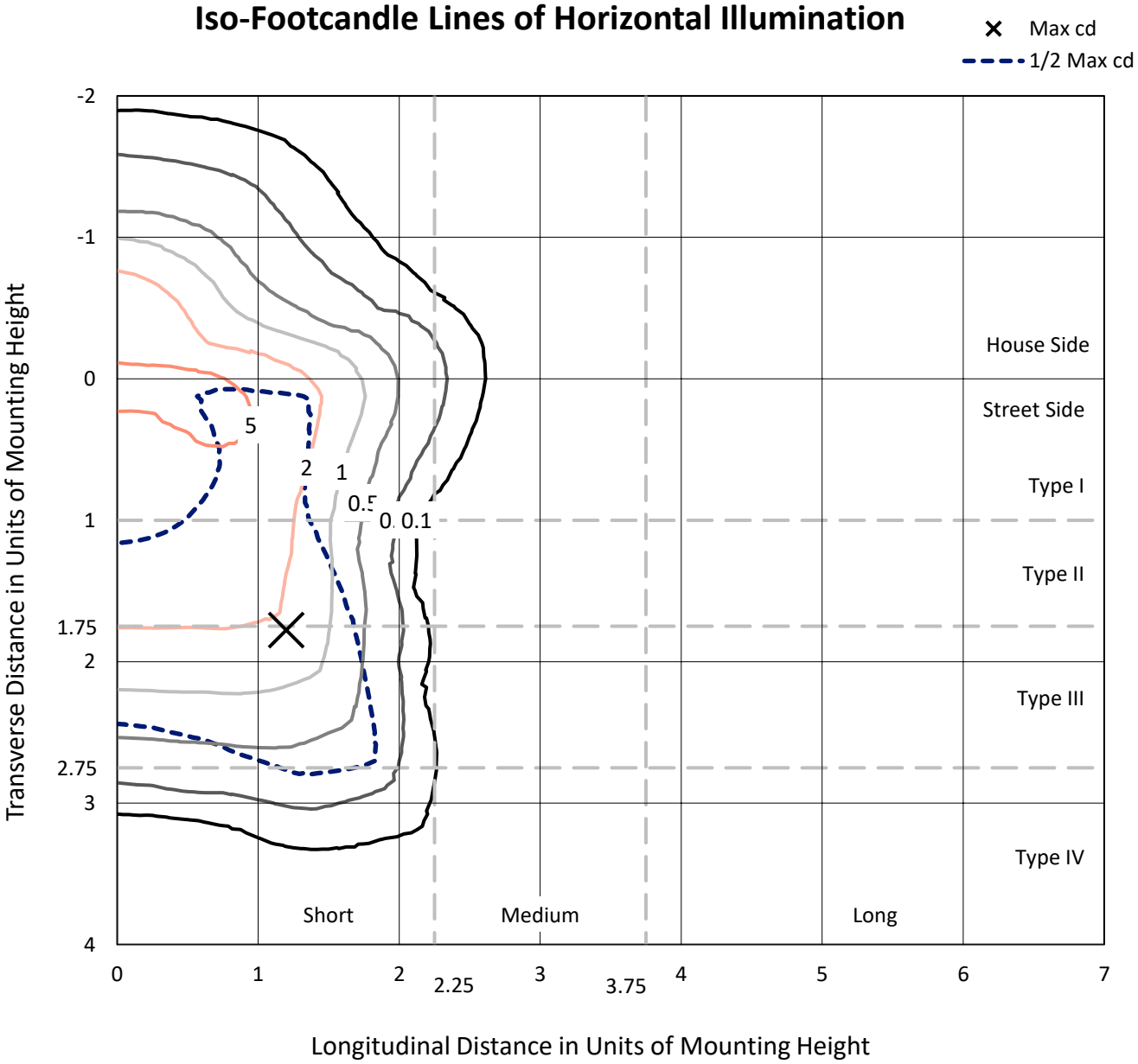
Input Watts (W):	148
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500738
CATALOG NUMBER: GSS-SB4B-827-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



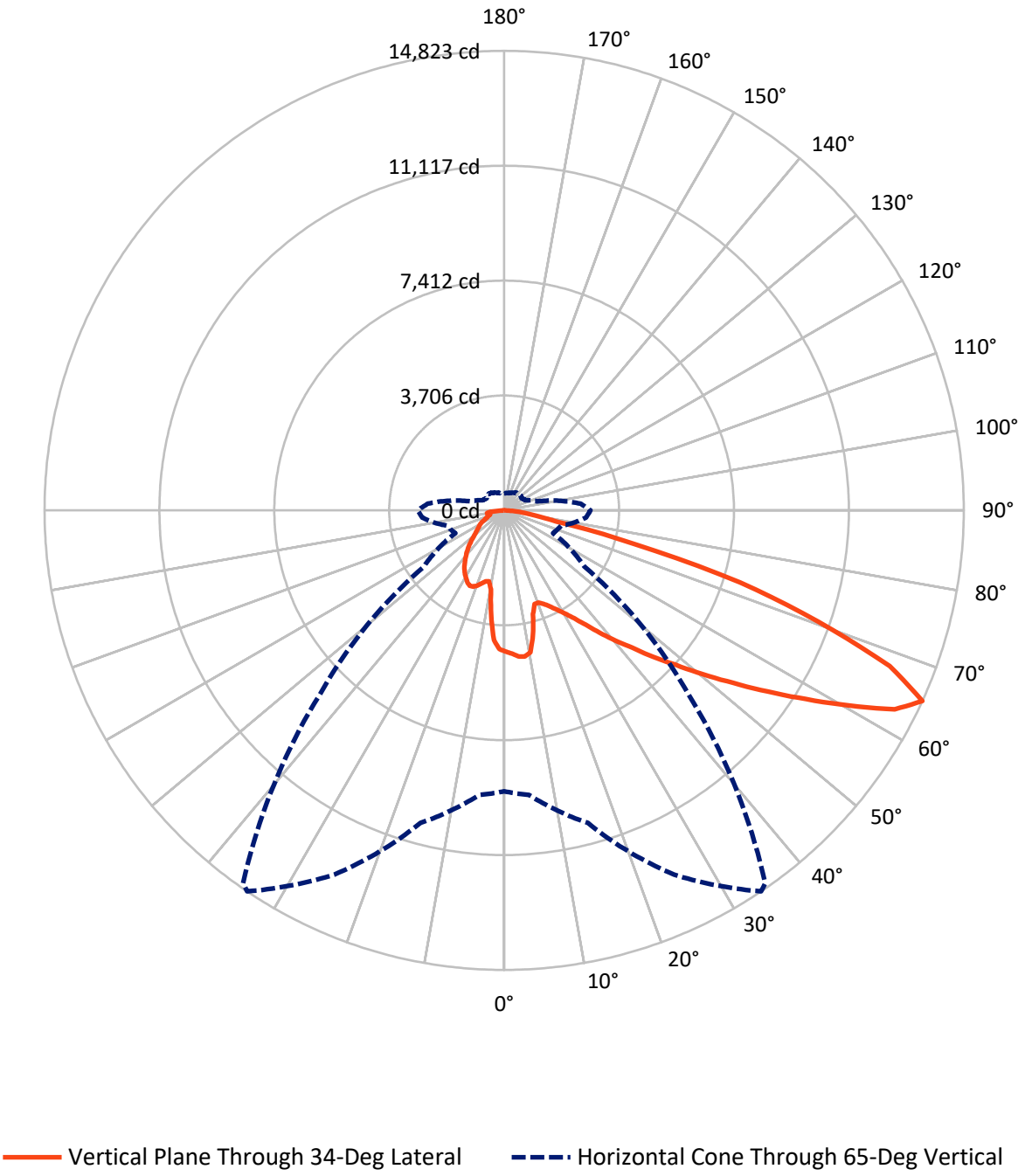
Based on 25 foot mounting height. Maximum calculated value = 7.7 fc
Type III - Short - N/A

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REPORT NUMBER: P1500738
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Luminous Intensity Polar Plot



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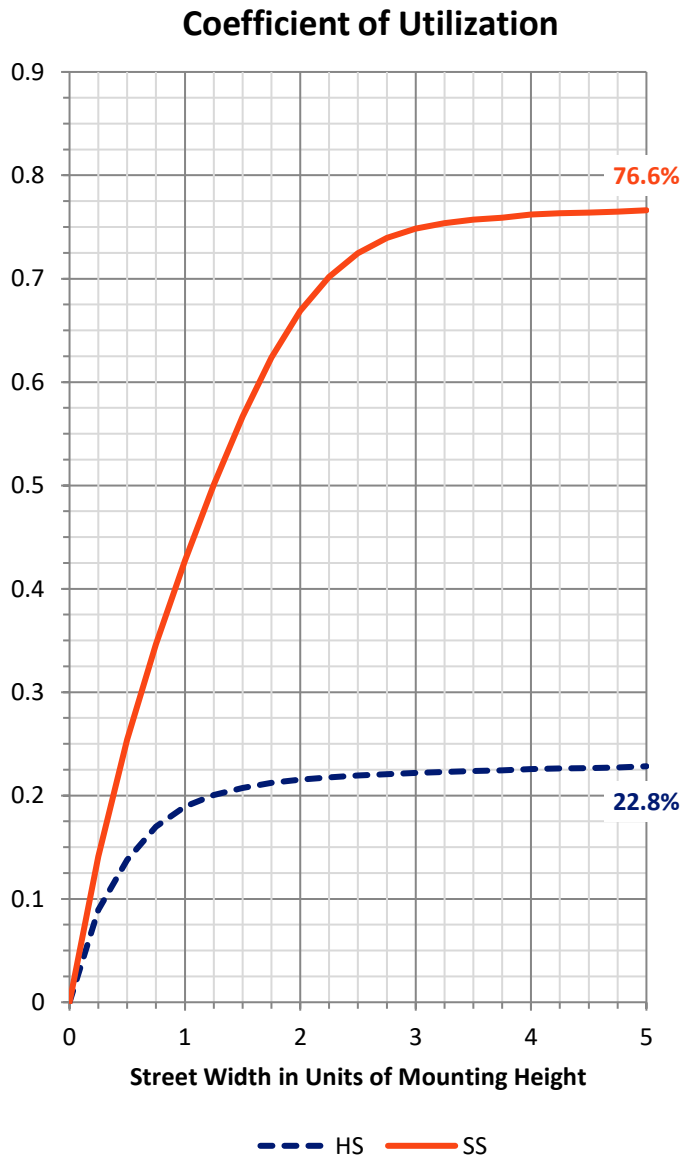
REPORT NUMBER: P1500738
CATALOG NUMBER: GSS-SB4B-827-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4450.8	0.0	4450.8
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	14679.5	0.0	14679.5
	% Fixture	76.7	0.0	76.7
Total	Lumens	19130.3	0.0	19130.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	410.0	2.1
10°-20°	1032.0	5.4
20°-30°	1710.7	8.9
30°-40°	2572.7	13.4
40°-50°	3604.3	18.8
50°-60°	4544.5	23.8
60°-70°	3908.6	20.4
70°-80°	1162.1	6.1
80°-90°	185.4	1.0
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°	19130.3	100.0
0°-180°	19130.3	100.0



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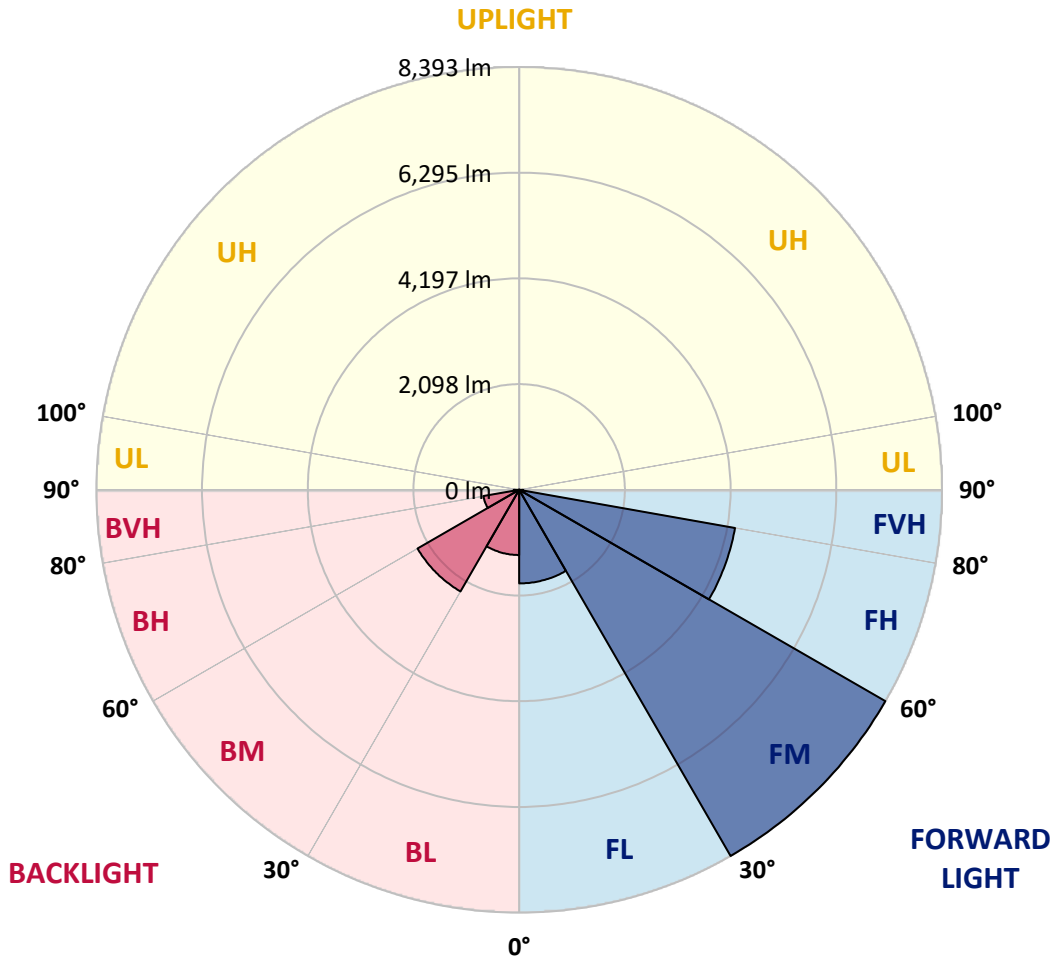
Scaled Data Report

REPORT NUMBER: P1500738
CATALOG NUMBER: GSS-SB4B-827-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1857.7	9.7			
FM	(30°-60°)	8393.0	43.9			
FH	(60°-80°)	4350.3	22.7			G2/5000
FVH	(80°-90°)	78.4	0.4			G1/100
BL	(0°-30°)	1295.0	6.8	B3/2500		
BM	(30°-60°)	2328.5	12.2	B2/2500		
BH	(60°-80°)	720.3	3.8	B2/1000		G2/1000
BVH	(80°-90°)	107.0	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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Scaled Data Report

REPORT NUMBER: P1500738
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3
2.5°	4635.0	4660.9	4630.6	4617.6	4622.0	4626.3	4604.6	4609.0	4583.0	4583.0	4561.3
5°	4734.6	4738.9	4721.6	4734.6	4730.3	4725.9	4725.9	4721.6	4665.3	4652.3	4630.6
7.5°	4678.3	4695.6	4704.3	4751.9	4764.9	4790.9	4808.2	4816.9	4773.6	4738.9	4682.6
10°	4162.8	4175.8	4275.4	4492.0	4656.6	4686.9	4847.2	4938.2	4907.9	4890.5	4795.2
12.5°	3326.8	3348.4	3461.1	3742.6	4128.1	4210.4	4721.6	5029.1	5098.4	5102.8	4964.2
15°	2967.2	2967.2	3001.9	3162.2	3474.0	3539.0	4292.7	5055.1	5302.0	5332.4	5163.4
17.5°	2893.6	2889.3	2910.9	3006.2	3170.8	3209.8	3798.9	4920.8	5544.6	5596.6	5380.0
20°	2889.3	2876.3	2919.6	3027.9	3170.8	3205.5	3569.3	4686.9	5735.2	5899.8	5596.6
22.5°	2893.6	2893.6	2954.2	3110.2	3274.8	3305.1	3612.7	4492.0	5891.2	6216.0	5826.2
25°	2941.2	2932.6	3019.2	3209.8	3435.1	3456.7	3790.3	4483.3	6025.4	6571.2	6103.4
27.5°	3019.2	3023.5	3140.5	3370.1	3625.7	3669.0	4037.2	4669.6	6190.0	6961.1	6372.0
30°	3183.8	3188.2	3326.8	3560.7	3855.2	3911.6	4323.1	4946.8	6424.0	7381.3	6662.2
32.5°	3370.1	3391.7	3560.7	3833.6	4149.8	4180.1	4673.9	5362.7	6774.8	7801.4	6974.1
35°	3682.0	3703.6	3894.2	4180.1	4531.0	4574.3	5102.8	5843.5	7203.7	8226.0	7216.7
37.5°	4084.8	4102.1	4288.4	4635.0	5007.5	5050.8	5579.3	6354.6	7636.8	8563.8	7433.3
40°	4565.6	4604.6	4803.9	5141.8	5518.6	5544.6	6099.1	6848.5	8104.7	8797.7	7519.9
42.5°	5089.8	5128.8	5332.4	5704.9	6051.4	6129.4	6662.2	7372.6	8485.9	8901.7	7450.6
45°	5761.2	5752.5	5943.1	6333.0	6740.2	6770.5	7264.3	7805.8	8715.4	8815.1	7381.3
47.5°	6575.6	6584.2	6705.5	7021.7	7441.9	7511.2	7892.4	8178.3	8849.7	8745.8	7303.3
50°	7493.9	7515.6	7619.5	7849.1	8299.6	8347.2	8459.9	8438.2	8932.0	8598.5	7333.6
52.5°	8412.2	8425.2	8563.8	8806.4	9243.9	9278.6	9031.7	8637.5	8624.5	8005.0	7268.6
55°	9165.9	9161.6	9408.5	9781.0	10313.9	10292.2	9594.8	8485.9	7662.8	7082.4	6978.4
57.5°	9820.0	9846.0	10166.6	10812.0	11483.4	11466.1	10196.9	7684.5	6259.4	5990.8	6506.3
60°	10409.1	10469.8	11071.9	12037.9	12778.6	12674.6	10305.2	6475.9	4868.9	4691.3	5570.6
62.5°	10153.6	10266.2	11232.2	13116.5	14134.4	13904.9	9638.1	5016.1	3296.4	3136.2	3937.5
65°	9062.0	9213.6	10439.5	12960.5	14823.2	14680.2	8425.2	3153.5	1737.0	1906.0	2651.0
67.5°	7610.9	7792.8	9118.3	11643.7	13411.0	13103.5	6545.2	1659.1	810.0	1256.2	1646.1
70°	4171.5	4622.0	6592.9	9902.3	10742.7	10313.9	3785.9	784.0	589.1	784.0	983.3
72.5°	1568.1	1676.4	2858.9	6657.9	7957.4	7428.9	1438.1	506.8	493.8	580.5	710.4
75°	753.7	805.7	1243.2	3027.9	4344.7	4050.2	706.1	376.9	424.5	454.8	515.5
77.5°	450.5	485.2	775.4	1758.7	1711.0	1572.4	433.2	290.2	342.2	324.9	303.2
80°	268.6	298.9	472.2	1000.6	1031.0	914.0	264.2	203.6	238.2	207.9	186.3
82.5°	155.9	168.9	246.9	450.5	654.1	602.1	151.6	121.3	173.3	138.6	104.0
85°	78.0	82.3	112.6	194.9	324.9	246.9	65.0	56.3	82.3	60.6	34.7
87.5°	17.3	17.3	17.3	21.7	30.3	30.3	8.7	4.3	4.3	4.3	4.3
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: P1500738
CATALOG NUMBER: GSS-SB4B-827-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3	4548.3
2.5°	4557.0	4565.6	4535.3	4500.7	4492.0	4466.0	4474.7	4457.4	4431.4	4435.7	4440.0
5°	4600.3	4583.0	4522.3	4444.4	4375.0	4297.1	4206.1	4102.1	4028.5	3998.2	4024.2
7.5°	4639.3	4622.0	4518.0	4344.7	4110.8	3785.9	3448.1	3140.5	2928.3	2850.3	2867.6
10°	4747.6	4678.3	4487.7	4110.8	3552.0	2936.9	2594.7	2404.1	2339.1	2304.5	2308.8
12.5°	4890.5	4795.2	4431.4	3703.6	2858.9	2469.1	2347.8	2304.5	2282.8	2274.2	2282.8
15°	5063.8	4916.5	4297.1	3192.5	2538.4	2386.8	2360.8	2365.1	2365.1	2369.5	2369.5
17.5°	5215.4	4985.8	4054.5	2824.3	2473.4	2430.1	2456.1	2477.8	2477.8	2482.1	2477.8
20°	5354.0	5020.5	3742.6	2668.3	2486.4	2508.1	2568.7	2590.4	2594.7	2590.4	2590.4
22.5°	5501.3	5042.1	3430.7	2581.7	2516.7	2581.7	2646.7	2677.0	2685.7	2690.0	2694.3
25°	5644.2	4998.8	3175.2	2512.4	2503.7	2594.7	2668.3	2707.3	2716.0	2716.0	2720.3
27.5°	5787.2	4985.8	3001.9	2421.4	2443.1	2516.7	2603.4	2655.4	2690.0	2694.3	2698.7
30°	5951.8	4946.8	2837.3	2300.1	2308.8	2399.8	2490.7	2581.7	2651.0	2681.3	2681.3
32.5°	6064.4	4907.9	2690.0	2170.2	2170.2	2265.5	2378.1	2490.7	2590.4	2651.0	2664.0
35°	6172.7	4873.2	2560.1	2040.2	2044.6	2135.5	2252.5	2373.8	2499.4	2573.0	2607.7
37.5°	6229.0	4838.5	2469.1	1940.6	1923.3	2018.6	2096.6	2196.2	2330.5	2451.8	2482.1
40°	6242.0	4838.5	2460.4	1871.3	1797.7	1906.0	1940.6	2009.9	2131.2	2261.2	2308.8
42.5°	6155.4	4790.9	2503.7	1828.0	1667.7	1745.7	1784.7	1819.3	1897.3	2005.6	2044.6
45°	6051.4	4725.9	2542.7	1767.3	1507.4	1568.1	1628.7	1633.1	1667.7	1693.7	1719.7
47.5°	5964.8	4656.6	2473.4	1654.7	1342.8	1386.2	1451.1	1451.1	1433.8	1381.8	1364.5
50°	6034.1	4678.3	2356.5	1494.4	1191.2	1221.5	1290.9	1251.9	1212.9	1104.6	1091.6
52.5°	6094.7	4760.6	2217.8	1338.5	1061.3	1091.6	1160.9	1100.3	1022.3	935.7	922.7
55°	5995.1	4764.9	1962.3	1165.2	970.3	996.3	1061.3	987.6	914.0	862.0	853.4
57.5°	5696.2	4635.0	1693.7	1031.0	892.3	918.3	979.0	905.3	836.0	831.7	853.4
60°	5037.8	4180.1	1446.8	944.3	818.7	849.0	909.7	831.7	740.7	701.7	714.7
62.5°	3803.3	3214.1	1238.9	844.7	749.4	788.4	831.7	706.1	628.1	610.8	593.4
65°	*2781.0*	*2469.1*	*1113.3*	*766.7*	*684.4*	*732.1*	*697.4*	*628.1*	*576.1*	*558.8*	*550.1*
67.5°	1797.7	1676.4	957.3	693.1	623.8	662.8	615.1	580.5	524.1	515.5	528.5
70°	1100.3	1139.2	801.4	610.8	563.1	554.5	563.1	528.5	467.8	480.8	498.1
72.5°	779.7	840.4	688.7	532.8	480.8	463.5	502.5	480.8	437.5	450.5	467.8
75°	558.8	623.8	567.5	437.5	407.2	398.5	467.8	480.8	450.5	459.2	472.2
77.5°	329.2	398.5	402.9	337.9	307.6	355.2	498.1	554.5	532.8	506.8	493.8
80°	212.3	238.2	285.9	216.6	216.6	307.6	545.8	675.8	580.5	515.5	506.8
82.5°	108.3	125.6	186.3	138.6	130.0	229.6	537.1	645.4	641.1	571.8	558.8
85°	30.3	39.0	86.6	60.6	52.0	121.3	402.9	485.2	433.2	316.2	320.5
87.5°	4.3	4.3	0.0	0.0	4.3	17.3	47.6	8.7	8.7	8.7	8.7
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

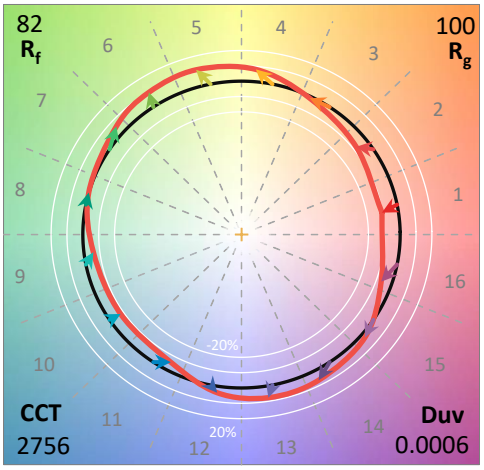
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

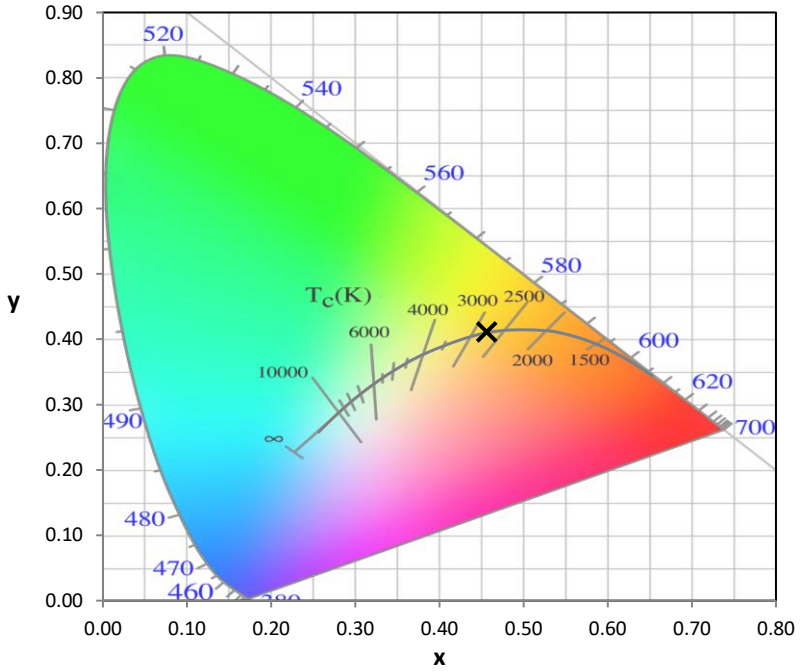
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

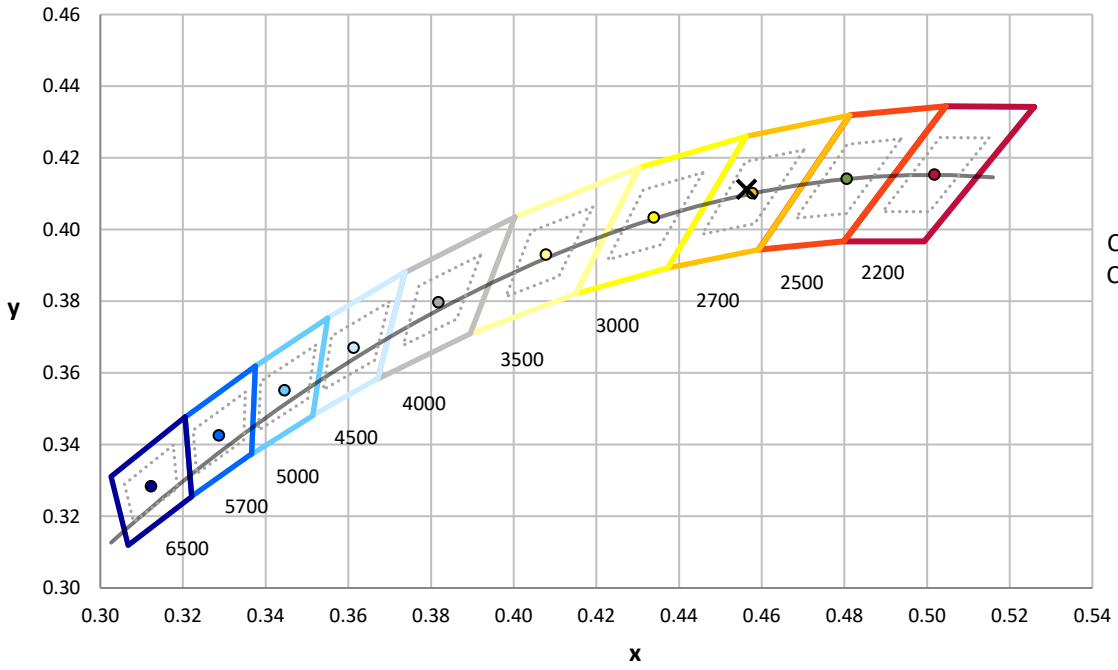
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

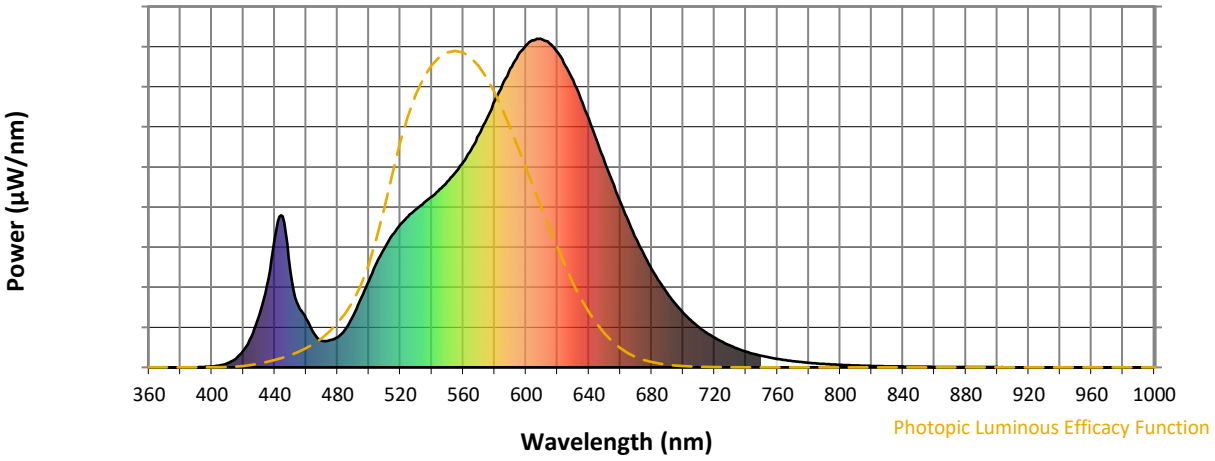


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

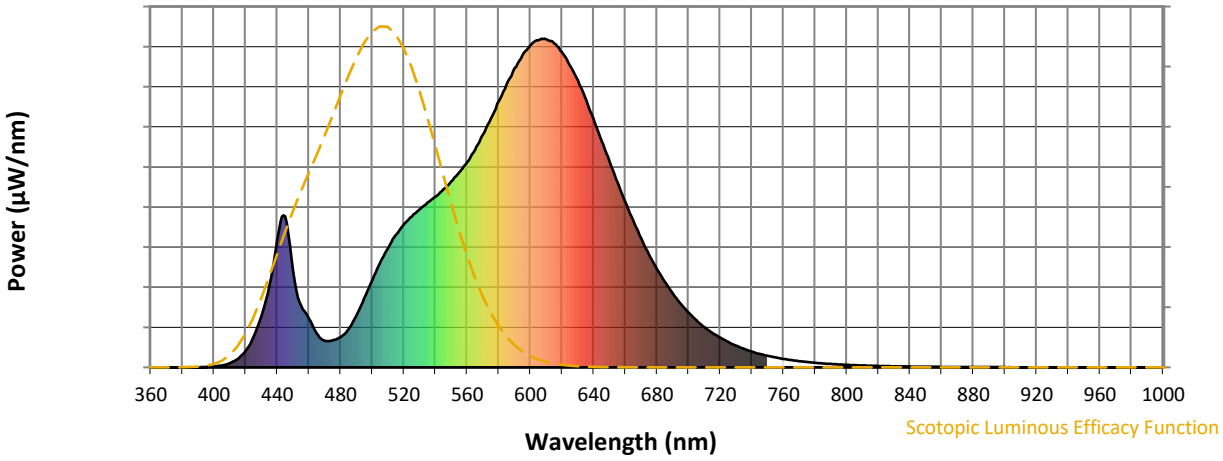


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength

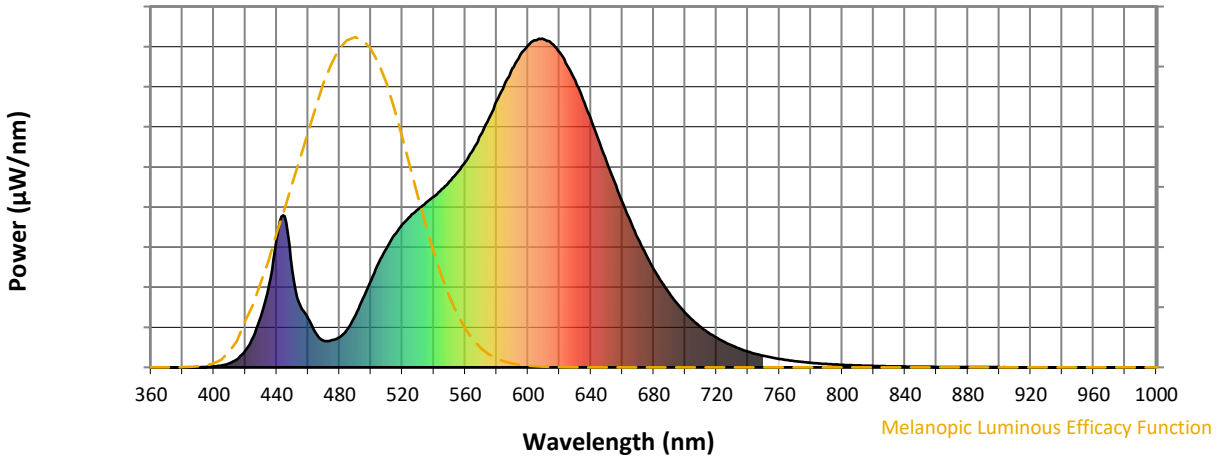


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

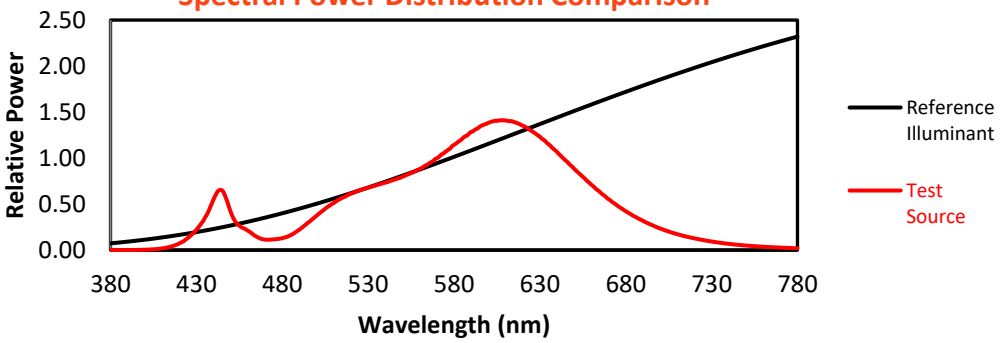
REPORT NUMBER: SP1-2407-184-8

TM-30-18

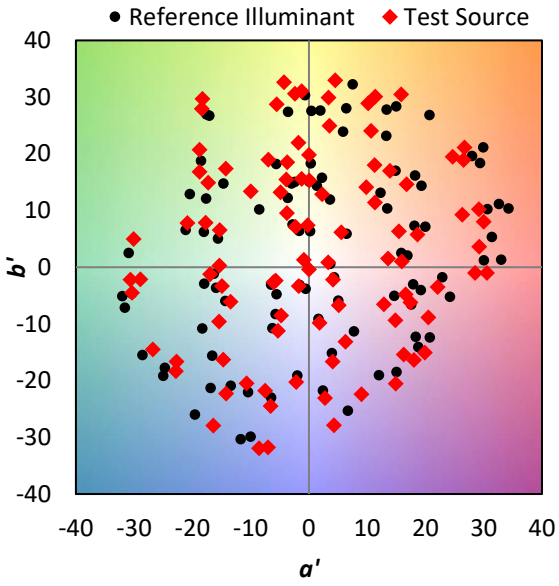
Summary

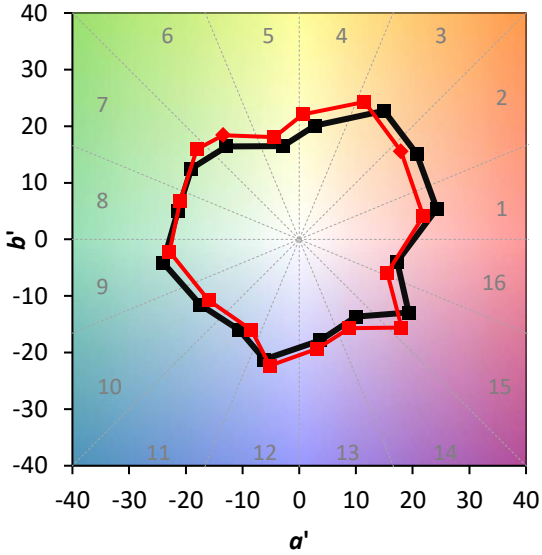
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

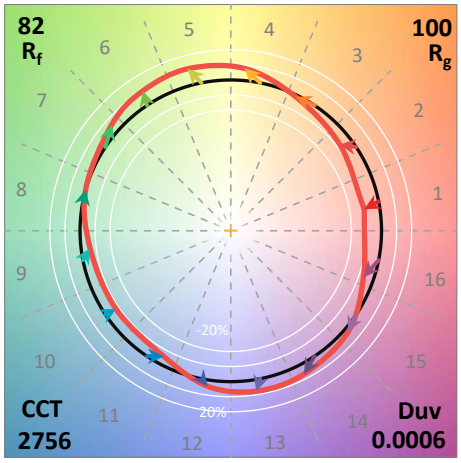
Spectral Power Distribution Comparison

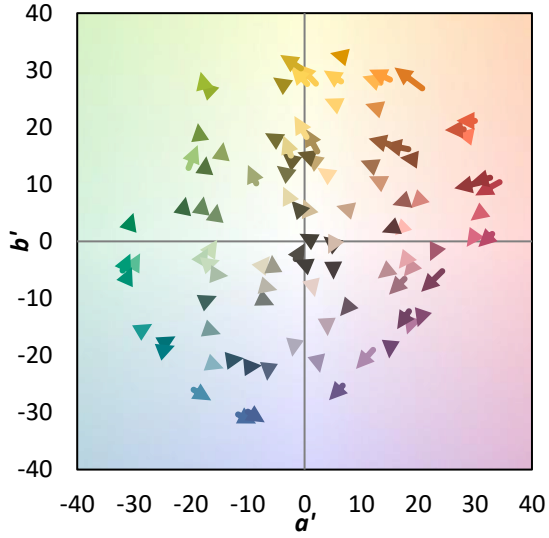


Color Vector Graphics







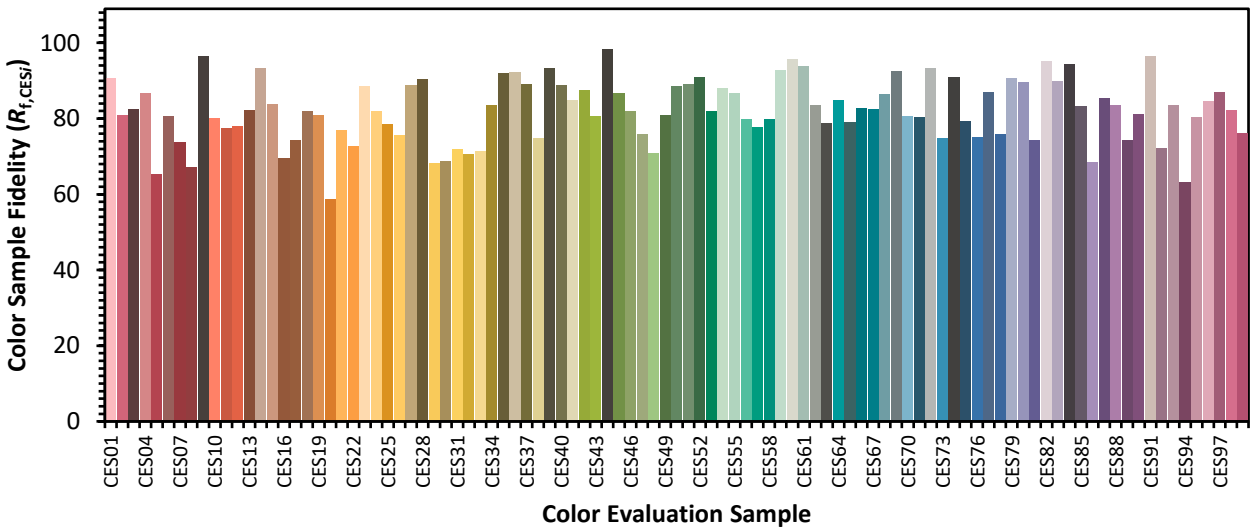


REPORT NUMBER: SP1-2407-184-8

TM-30-18

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

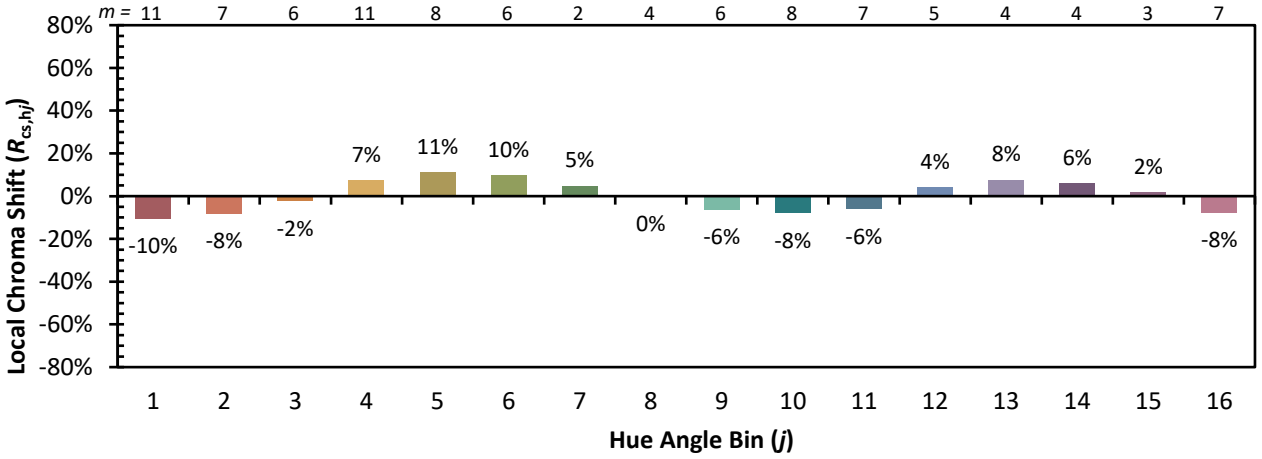
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

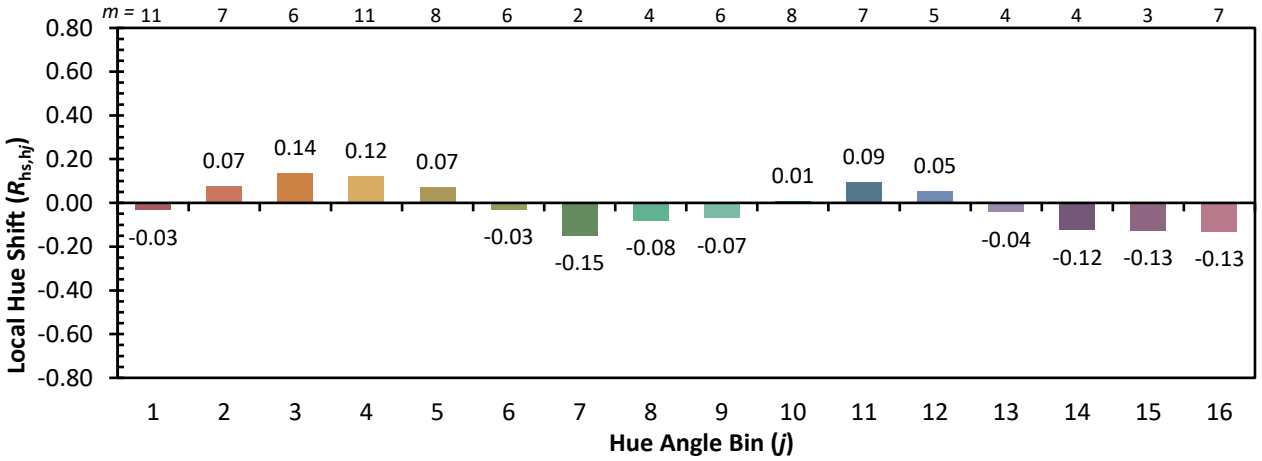


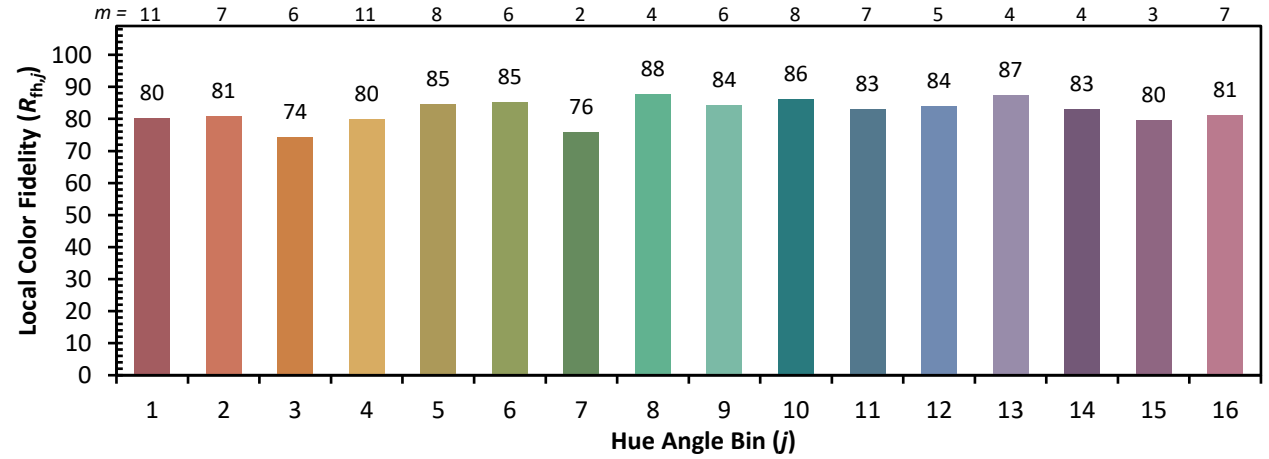
REPORT NUMBER: SP1-2407-184-8

TM-30-18

Color Rendition by Hue-Angle Bin



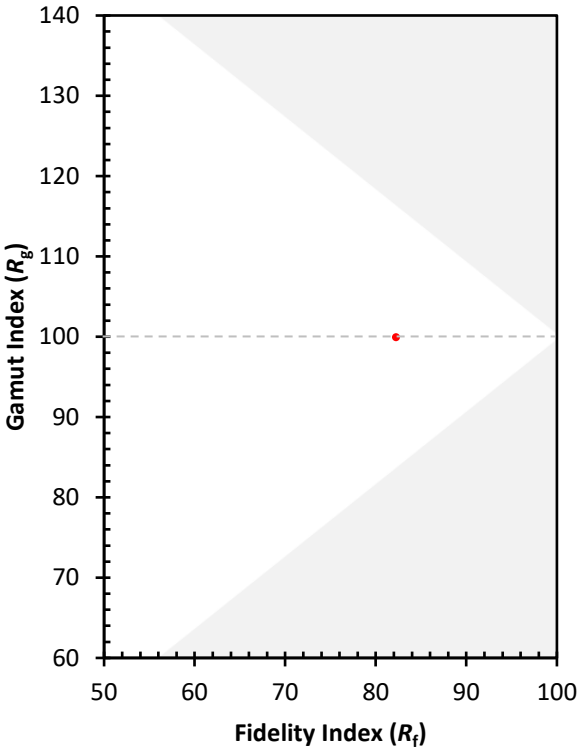


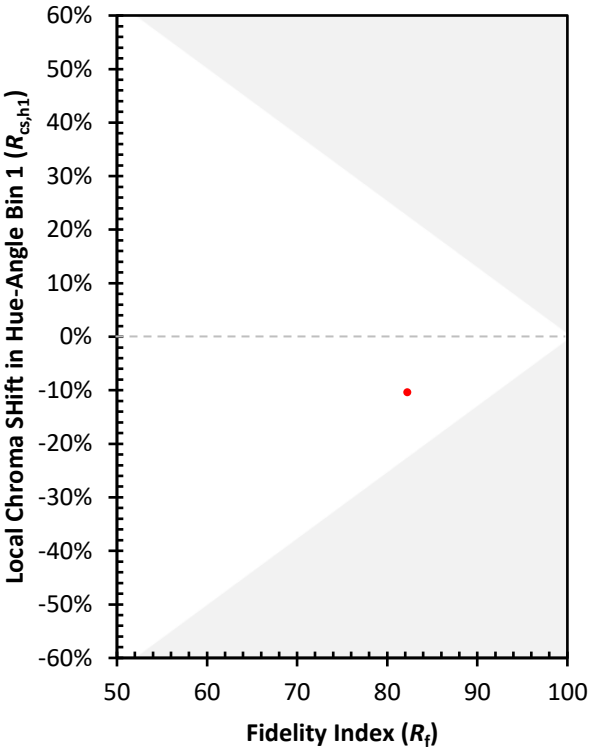


REPORT NUMBER: SP1-2407-184-8

TM-30-18

Measure Comparisons





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