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: P1502654

Luminaire Tested: GSS-SB3B-827-U-T4LG-HSS

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:	P1502654
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-827-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11064.9 lumens
Efficiency:	N/A
Efficacy:	101.5 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

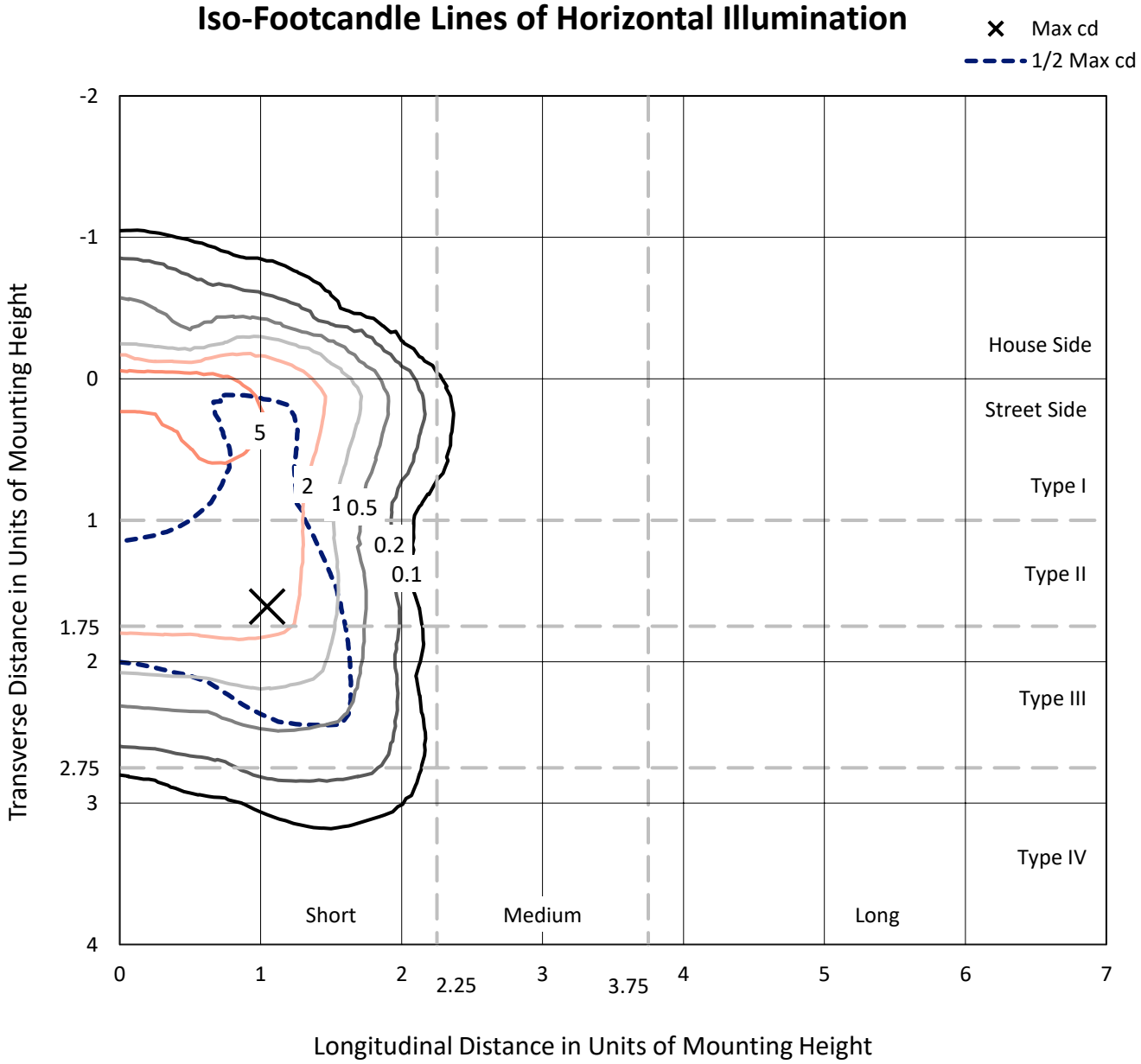
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502654
CATALOG NUMBER: GSS-SB3B-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



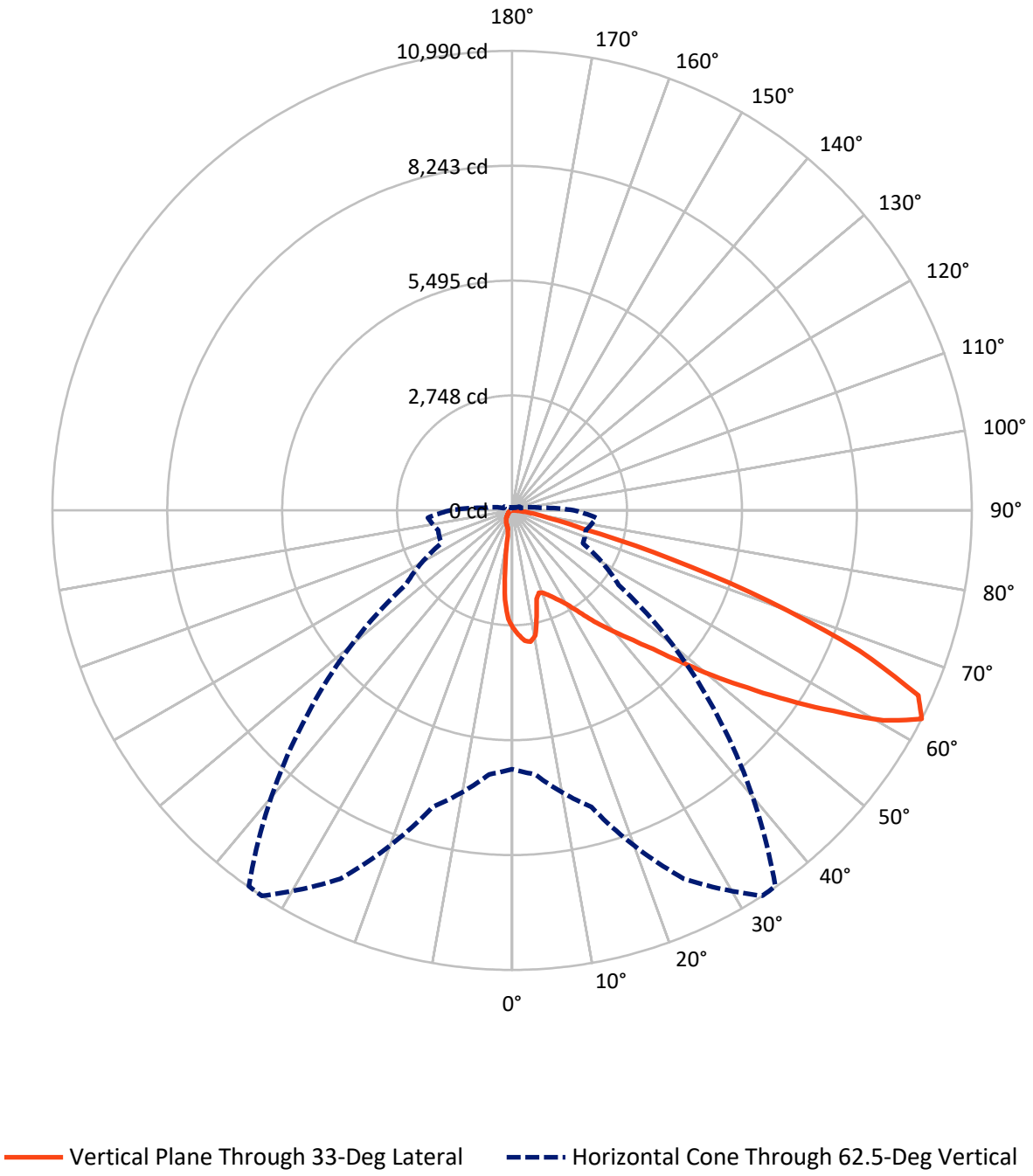
Based on 20 foot mounting height. Maximum calculated value = 8.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1502654
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Luminous Intensity Polar Plot



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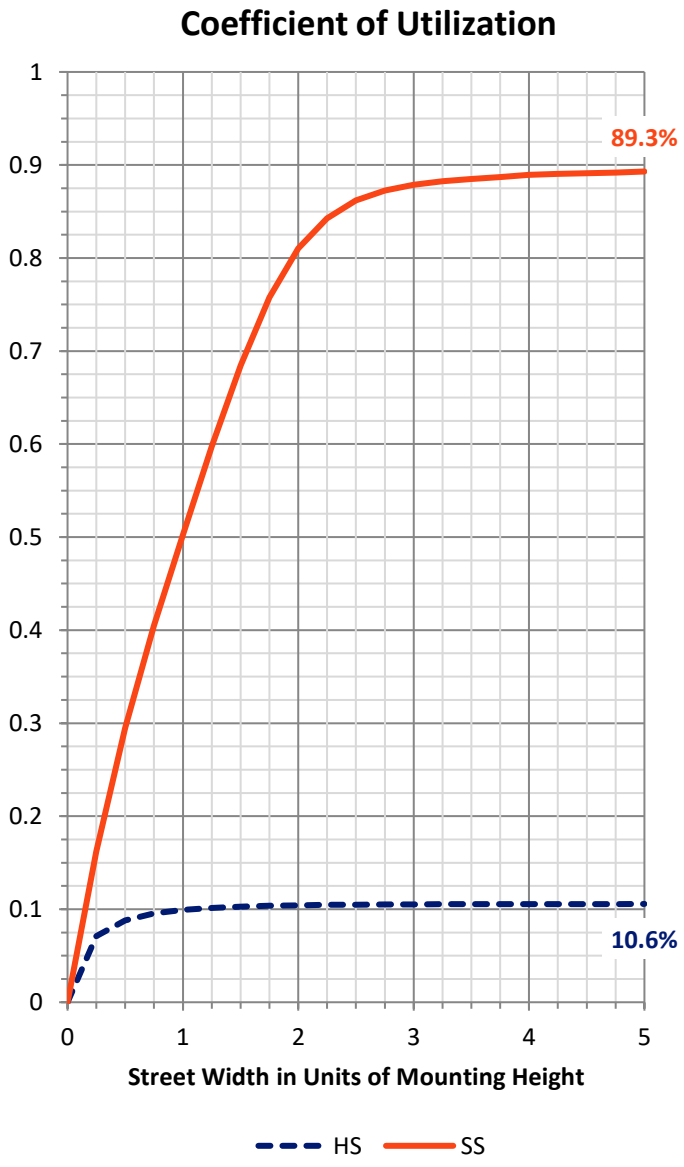
REPORT NUMBER: P1502654
CATALOG NUMBER: GSS-SB3B-827-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1177.4	0.0	1177.4
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	9887.5	0.0	9887.5
	% Fixture	89.4	0.0	89.4
Total	Lumens	11064.9	0.0	11064.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.0	2.2
10°-20°	533.2	4.8
20°-30°	859.4	7.8
30°-40°	1429.7	12.9
40°-50°	2259.7	20.4
50°-60°	3035.9	27.4
60°-70°	2228.6	20.1
70°-80°	441.1	4.0
80°-90°	38.3	0.3
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°	11064.9	100.0
0°-180°	11064.9	100.0



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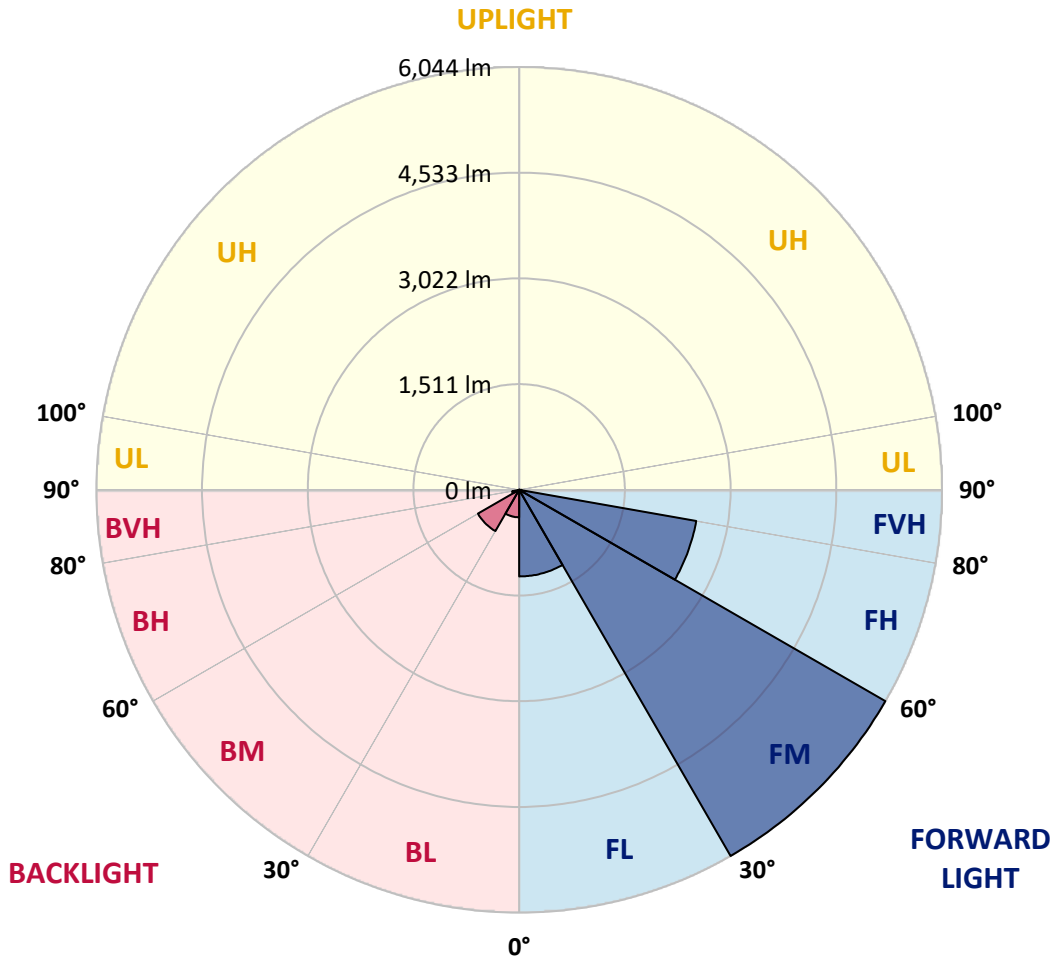
Scaled Data Report

REPORT NUMBER: P1502654
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1238.8	11.2			
FM	(30°-60°)	6044.2	54.6			
FH	(60°-80°)	2569.1	23.2			G2/5000
FVH	(80°-90°)	35.4	0.3			G1/100
BL	(0°-30°)	392.8	3.6	B1/500		
BM	(30°-60°)	681.1	6.2	B1/1000		
BH	(60°-80°)	100.6	0.9	B0/110		G0/110
BVH	(80°-90°)	2.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6
2.5°	2994.4	3006.9	3006.9	2982.0	2975.8	2963.3	2950.8	2947.7	2907.2	2876.0	2844.9
5°	3147.1	3144.0	3140.9	3128.4	3131.6	3116.0	3106.6	3091.0	3022.5	2975.8	2891.6
7.5°	3081.7	3109.7	3122.2	3156.5	3172.1	3168.9	3193.9	3200.1	3140.9	3075.5	2947.7
10°	2654.8	2639.2	2751.4	2897.9	3044.3	3078.6	3212.6	3284.2	3262.4	3203.2	3038.1
12.5°	2103.3	2118.9	2196.8	2368.1	2608.1	2682.9	3069.2	3352.8	3415.1	3377.7	3162.7
15°	1925.7	1925.7	1966.2	2047.2	2190.5	2262.2	2738.9	3343.4	3577.1	3580.3	3318.5
17.5°	1888.3	1894.5	1928.8	1981.8	2075.2	2106.4	2439.8	3206.3	3736.0	3792.1	3493.0
20°	1894.5	1903.9	1941.2	2016.0	2106.4	2143.8	2361.9	3031.8	3870.0	4022.7	3676.8
22.5°	1916.3	1913.2	1978.6	2078.4	2193.6	2227.9	2427.3	2960.2	3982.2	4287.6	3891.8
25°	1941.2	1944.4	2028.5	2168.7	2308.9	2349.4	2573.8	3025.6	4063.2	4571.1	4110.0
27.5°	2016.0	2025.4	2128.2	2280.9	2446.0	2499.0	2763.9	3197.0	4203.4	4845.3	4346.8
30°	2131.3	2140.7	2259.1	2442.9	2620.5	2701.5	3000.7	3412.0	4412.2	5163.2	4589.8
32.5°	2265.3	2277.8	2430.5	2642.3	2857.3	2935.2	3271.8	3739.2	4689.5	5487.2	4842.2
35°	2433.6	2467.8	2633.0	2885.4	3175.2	3250.0	3605.2	4110.0	5051.0	5777.0	5057.2
37.5°	2664.2	2692.2	2894.7	3209.4	3502.4	3602.1	3979.1	4499.5	5378.2	6035.6	5231.7
40°	2944.6	2969.5	3197.0	3539.7	3845.1	3929.2	4371.7	4892.1	5730.3	6179.0	5269.1
42.5°	3412.0	3480.5	3623.9	3913.7	4240.8	4346.8	4807.9	5272.2	5985.8	6207.0	5209.9
45°	4228.4	4250.2	4281.3	4418.4	4733.2	4826.6	5269.1	5602.5	6138.5	6213.2	5156.9
47.5°	5010.5	5085.3	5128.9	5191.2	5381.3	5415.6	5752.1	5898.5	6260.0	6191.4	5156.9
50°	5792.6	5848.7	5923.5	5998.2	6200.8	6213.2	6263.1	6098.0	6266.2	6013.8	5125.8
52.5°	6503.0	6521.7	6649.5	6792.8	7045.2	7113.8	6736.7	6244.4	5889.2	5452.9	4979.3
55°	7138.7	7163.6	7356.8	7649.7	8011.2	8101.5	7316.3	5960.9	5082.1	4726.9	4639.7
57.5°	7550.0	7609.2	7995.6	8640.6	9048.8	9008.3	7765.0	5297.1	4081.9	3866.9	4038.3
60°	7344.3	7425.4	8238.6	9472.6	10198.6	10080.2	7640.4	4359.2	3016.3	2860.5	3197.0
62.5°	6188.3	6337.9	7344.3	9718.7	10990.0	10971.3	6936.2	3109.7	1869.6	1829.1	2019.1
65°	4303.2	4561.8	5755.2	8896.1	10672.2	10700.2	5839.3	1810.4	866.2	1075.0	1181.0
67.5°	2536.4	2720.2	3708.0	7263.3	8955.3	8696.7	3969.7	838.2	433.1	654.4	626.3
70°	1115.5	1240.2	2125.1	5032.3	6524.8	6107.3	1938.1	408.2	330.3	395.7	345.9
72.5°	613.8	669.9	1118.6	2657.9	3969.7	3773.4	654.4	271.1	283.6	296.0	249.3
75°	342.8	367.7	588.9	1536.2	1744.9	1623.4	317.8	177.6	239.9	239.9	183.8
77.5°	199.4	221.2	367.7	956.6	956.6	772.8	193.2	112.2	180.7	162.0	99.7
80°	93.5	105.9	202.5	529.7	604.5	498.6	109.1	77.9	118.4	102.8	65.4
82.5°	28.0	34.3	99.7	205.7	342.8	292.9	56.1	49.9	87.2	65.4	37.4
85°	18.7	21.8	49.9	84.1	168.3	146.5	18.7	15.6	37.4	31.2	15.6
87.5°	3.1	3.1	6.2	6.2	6.2	6.2	3.1	3.1	0.0	0.0	0.0
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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REPORT NUMBER: P1502654
CATALOG NUMBER: GSS-SB3B-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6	2810.6
2.5°	2826.2	2804.4	2754.5	2707.8	2682.9	2626.8	2605.0	2580.0	2567.6	2564.4	2545.7
5°	2838.6	2798.1	2673.5	2548.9	2418.0	2293.4	2165.6	2053.4	1963.1	1966.2	1969.3
7.5°	2876.0	2795.0	2576.9	2327.6	2047.2	1723.1	1377.3	1118.6	953.5	919.2	888.1
10°	2925.9	2807.5	2458.5	1997.3	1445.8	909.9	641.9	548.4	507.9	498.6	501.7
12.5°	3019.4	2838.6	2308.9	1542.4	800.8	523.5	464.3	448.7	442.5	442.5	442.5
15°	3134.7	2882.3	2075.2	1009.6	523.5	436.2	423.8	420.7	414.4	414.4	417.5
17.5°	3231.3	2882.3	1766.8	657.5	430.0	405.1	395.7	392.6	392.6	395.7	392.6
20°	3337.2	2860.5	1420.9	495.4	398.8	377.0	370.8	370.8	370.8	373.9	373.9
22.5°	3446.3	2823.1	1099.9	423.8	370.8	352.1	349.0	352.1	355.2	358.3	358.3
25°	3567.8	2776.3	869.4	392.6	345.9	330.3	330.3	330.3	333.4	339.6	342.8
27.5°	3701.8	2735.8	744.7	373.9	324.1	308.5	308.5	311.6	317.8	320.9	324.1
30°	3826.4	2735.8	704.2	383.3	314.7	296.0	289.8	292.9	299.1	305.4	305.4
32.5°	3982.2	2767.0	726.0	423.8	311.6	277.3	271.1	271.1	277.3	280.4	280.4
35°	4113.1	2826.2	800.8	479.9	324.1	261.7	249.3	246.2	252.4	249.3	252.4
37.5°	4219.0	2907.2	937.9	554.6	349.0	243.0	227.5	218.1	218.1	218.1	218.1
40°	4250.2	2988.2	1112.4	604.5	345.9	221.2	199.4	190.1	187.0	183.8	183.8
42.5°	4206.6	3025.6	1252.6	601.4	308.5	205.7	177.6	165.1	155.8	152.7	152.7
45°	4172.3	3044.3	1302.5	523.5	280.4	187.0	158.9	143.3	134.0	130.9	127.8
47.5°	4175.4	3063.0	1227.7	426.9	255.5	171.4	143.3	127.8	118.4	115.3	112.2
50°	4187.9	3031.8	1040.7	355.2	233.7	155.8	127.8	115.3	105.9	102.8	99.7
52.5°	4057.0	2866.7	732.3	311.6	215.0	146.5	115.3	105.9	96.6	93.5	93.5
55°	3714.2	2471.0	495.4	277.3	199.4	134.0	105.9	99.7	90.4	84.1	84.1
57.5°	3165.8	1863.4	342.8	252.4	174.5	121.5	99.7	90.4	81.0	74.8	74.8
60°	2421.1	1215.2	249.3	230.6	143.3	112.2	93.5	87.2	74.8	68.6	65.4
62.5°	*1473.9*	*682.4*	*202.5*	*202.5*	*121.5*	*105.9*	*84.1*	*77.9*	*65.4*	*56.1*	*53.0*
65°	853.8	402.0	165.1	171.4	105.9	96.6	74.8	65.4	53.0	43.6	40.5
67.5°	411.3	233.7	130.9	121.5	93.5	81.0	65.4	56.1	46.7	37.4	34.3
70°	252.4	180.7	99.7	87.2	74.8	62.3	53.0	49.9	40.5	31.2	31.2
72.5°	205.7	146.5	77.9	62.3	56.1	43.6	43.6	40.5	31.2	24.9	21.8
75°	162.0	109.1	59.2	43.6	34.3	34.3	31.2	28.0	24.9	18.7	18.7
77.5°	87.2	74.8	43.6	24.9	18.7	21.8	21.8	18.7	15.6	12.5	12.5
80°	56.1	43.6	24.9	12.5	12.5	12.5	12.5	9.3	9.3	6.2	6.2
82.5°	28.0	21.8	12.5	3.1	6.2	6.2	6.2	6.2	6.2	3.1	3.1
85°	6.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
87.5°	0.0	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1
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

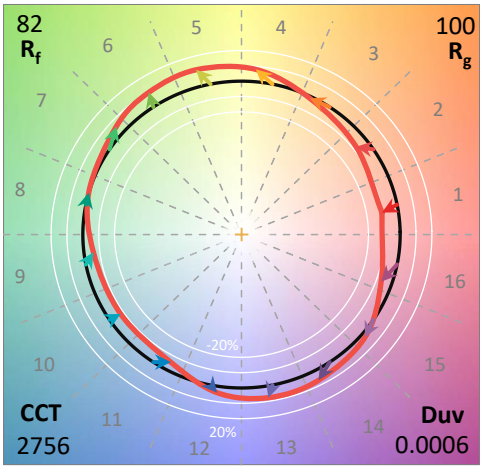
Test Information

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

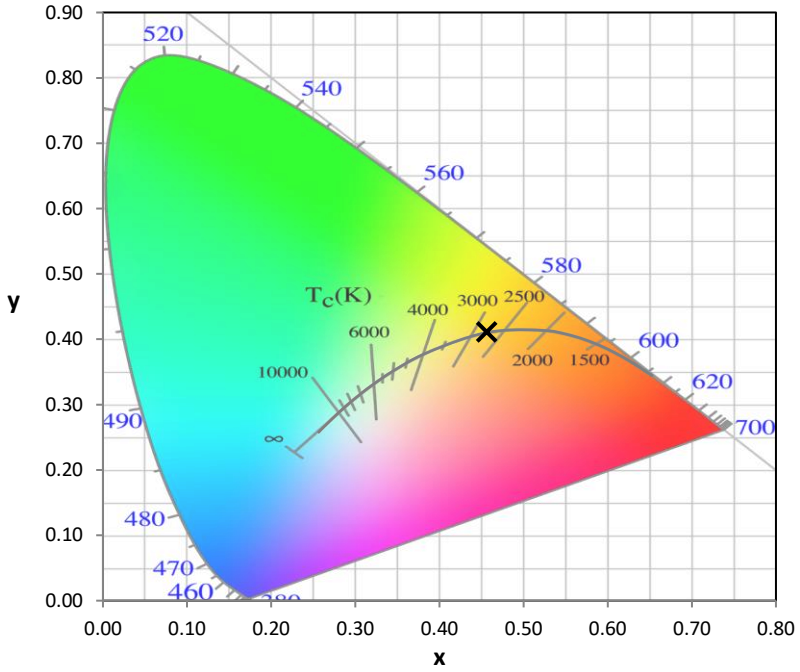
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

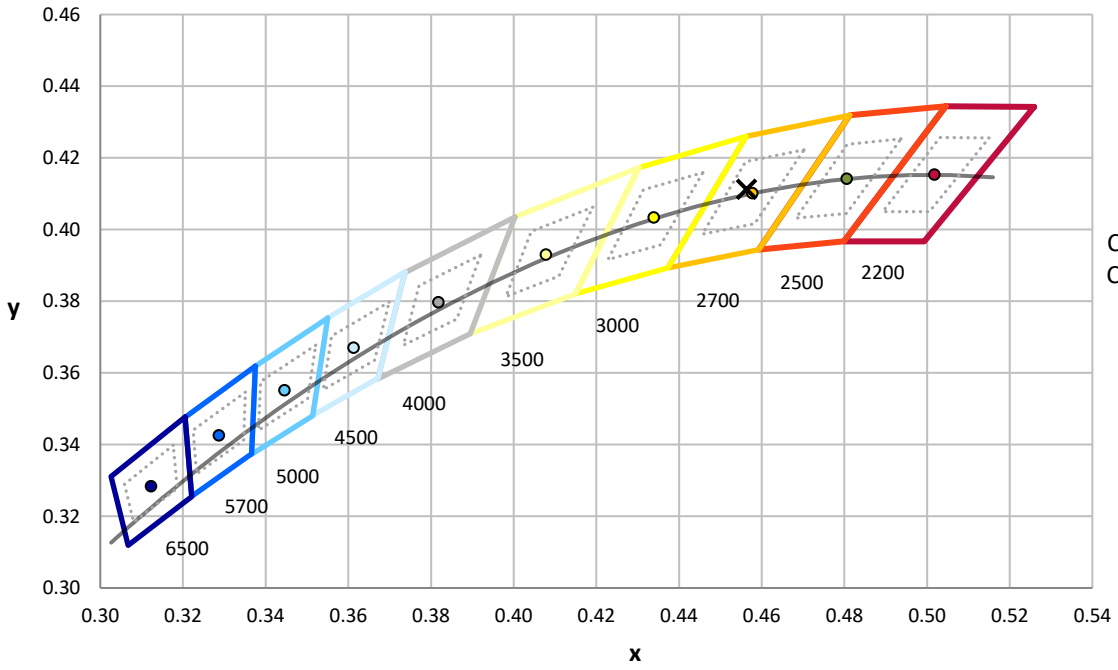
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

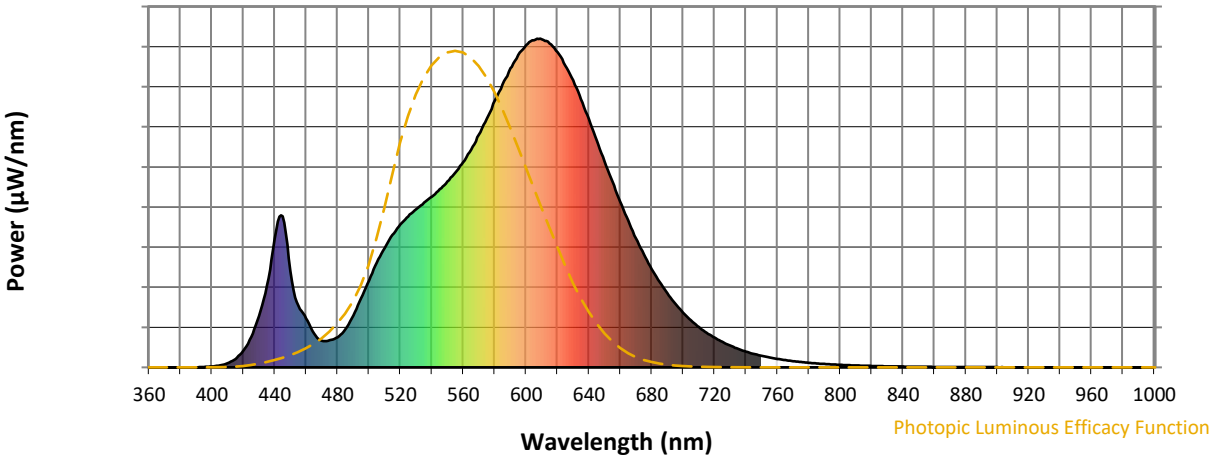


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

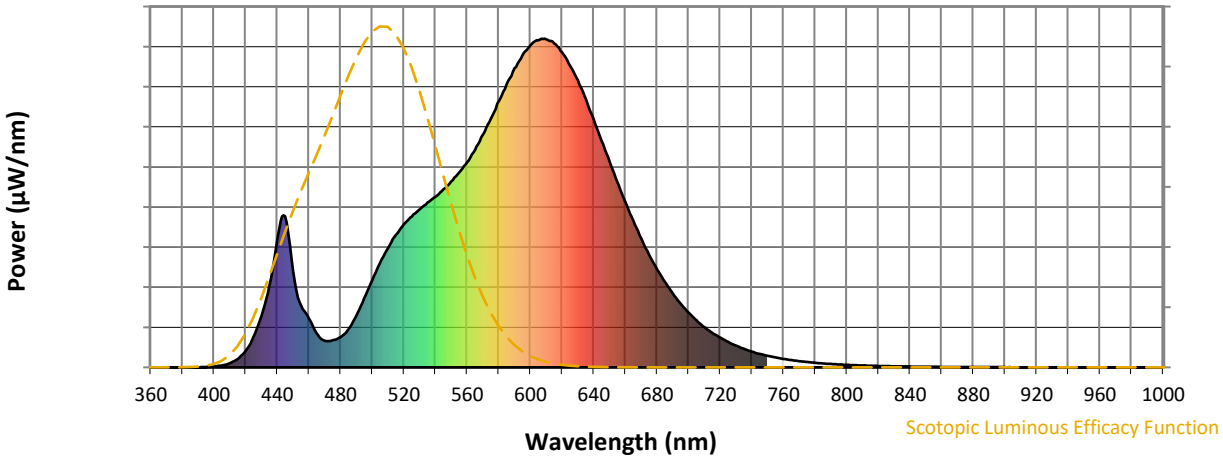


Photopic Lumens: NR

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

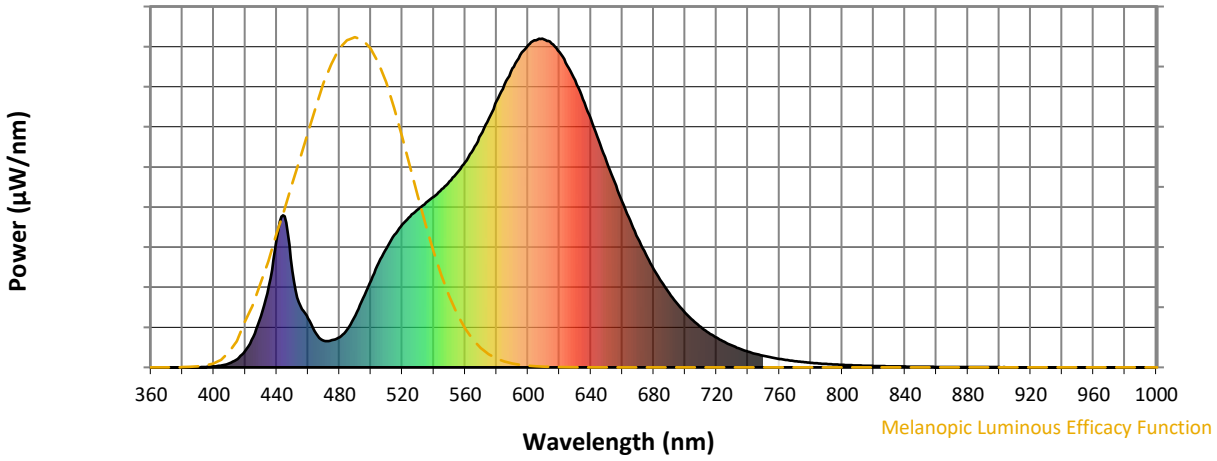


Scotopic Lumens: NR **S/P: 1.2**

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			

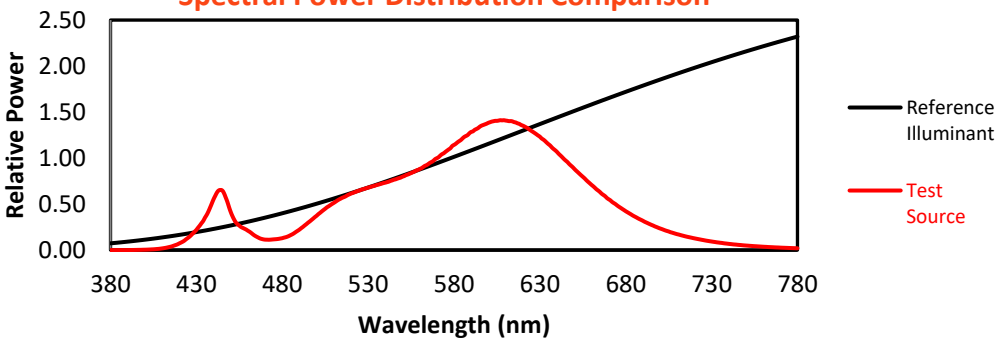
REPORT NUMBER: SP1-2407-184-8

TM-30-18

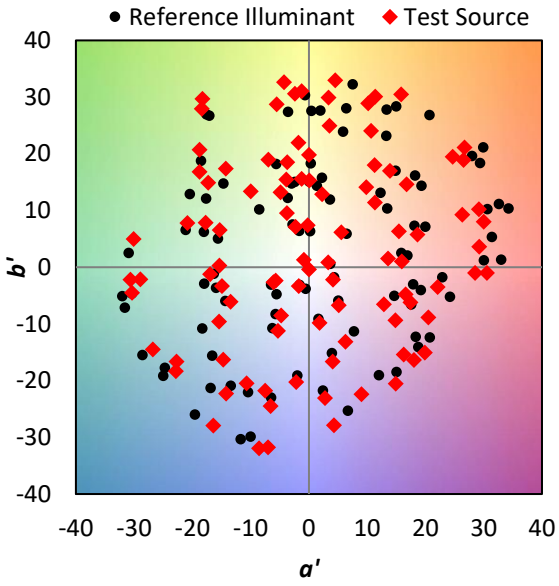
Summary

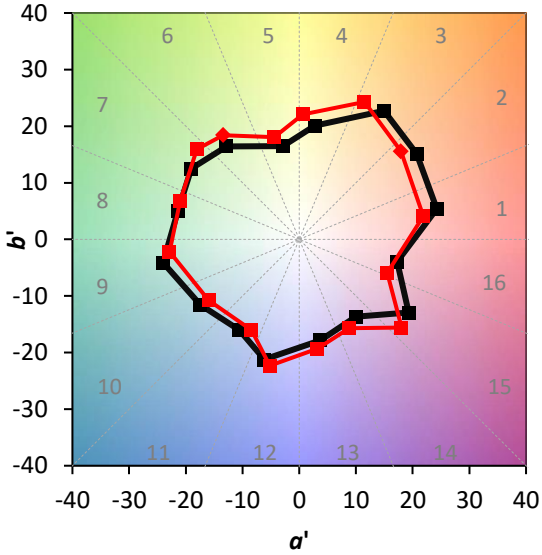
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

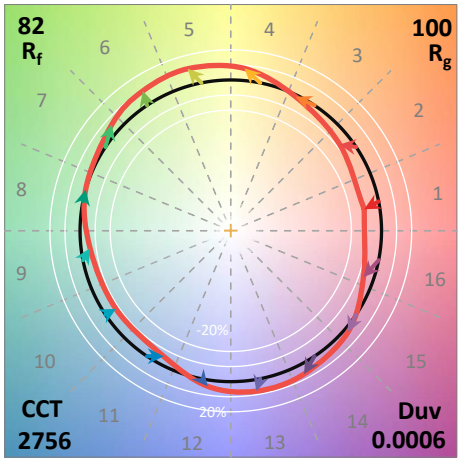
Spectral Power Distribution Comparison

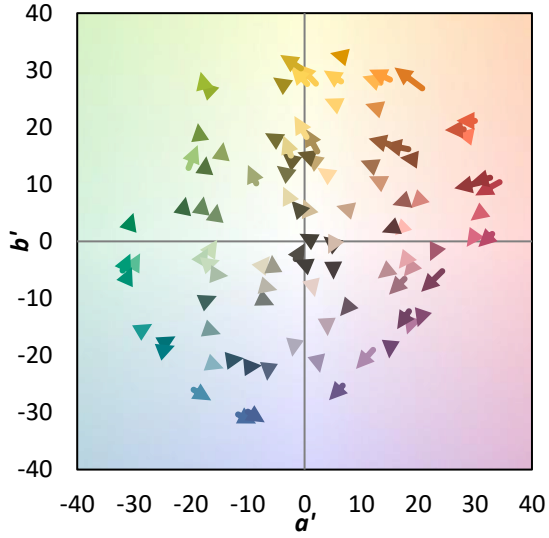


Color Vector Graphics







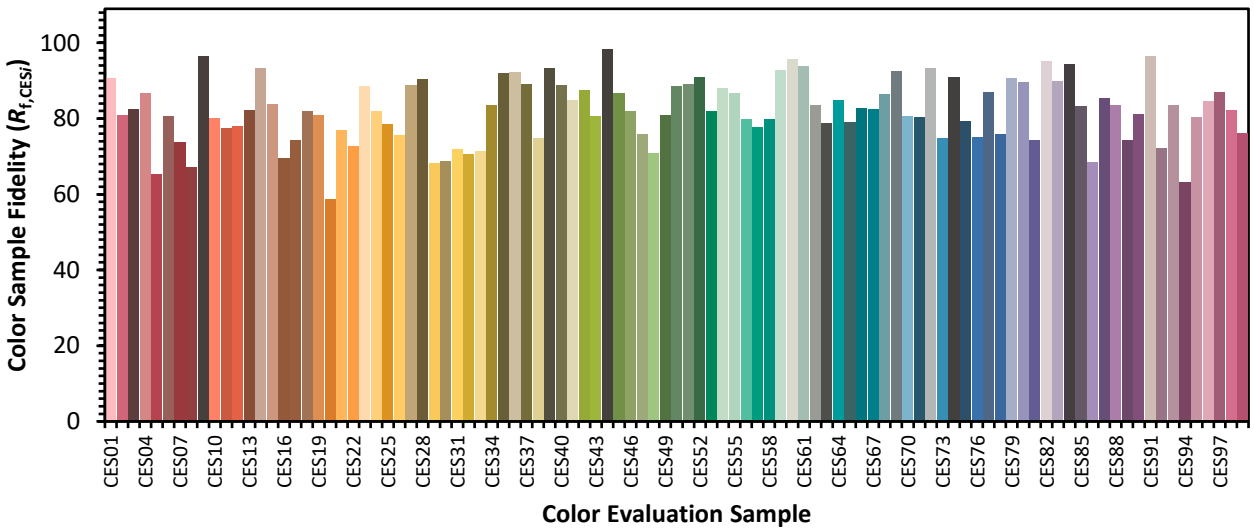


REPORT NUMBER: SP1-2407-184-8

TM-30-18

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

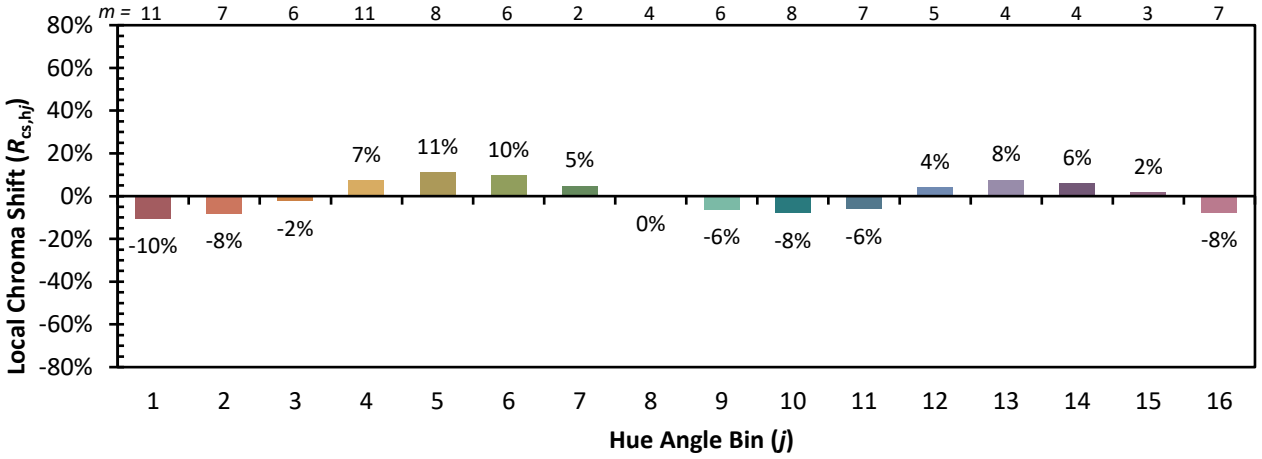
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 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	

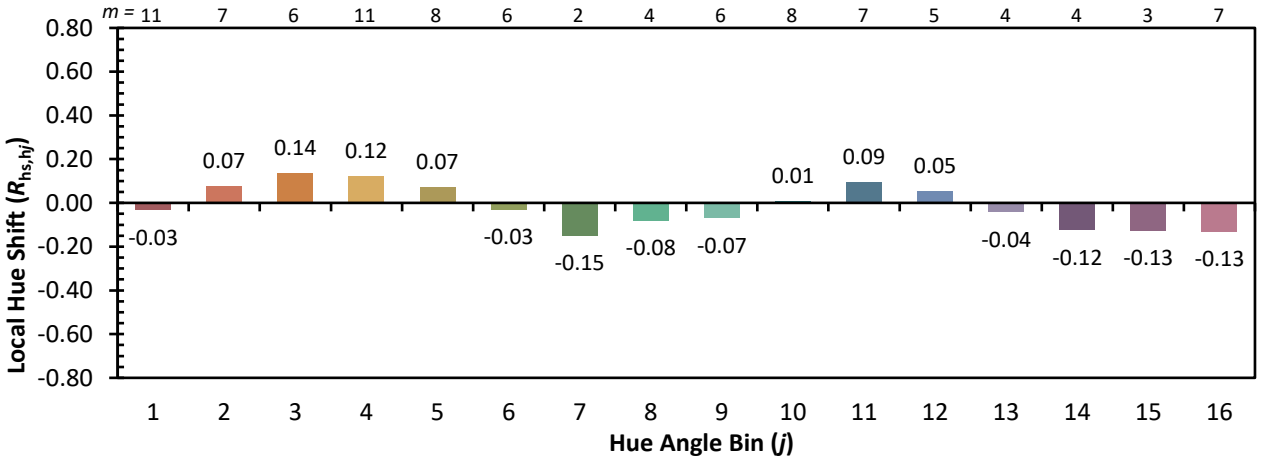


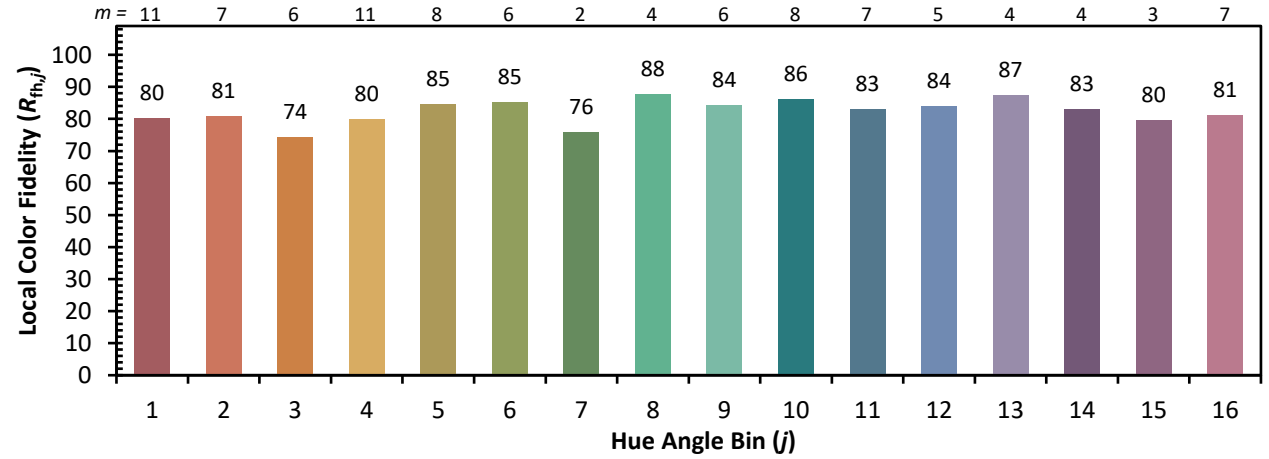
REPORT NUMBER: SP1-2407-184-8

TM-30-18

Color Rendition by Hue-Angle Bin



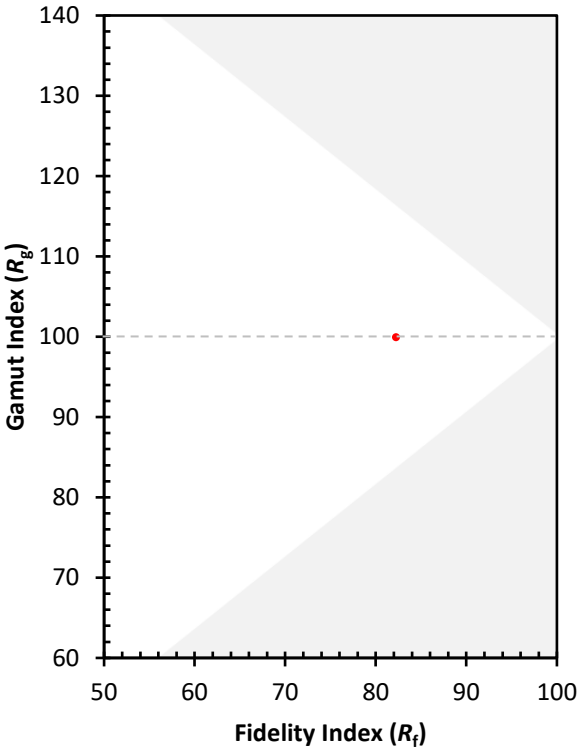


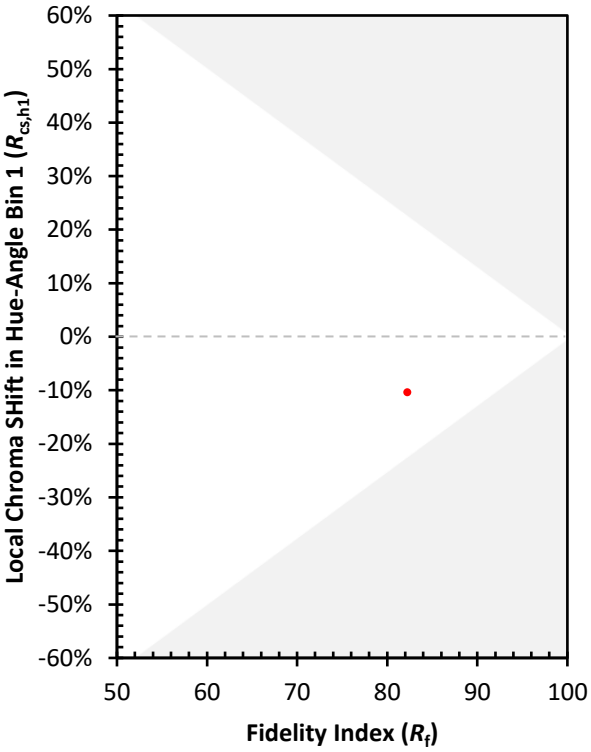


REPORT NUMBER: SP1-2407-184-8

TM-30-18

Measure Comparisons





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