

Signify Classified - Internal
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: P1047963

Luminaire Tested: **GALN-SA4C-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047963
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20157.9 lumens
Efficiency: N/A
Efficacy: 105.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

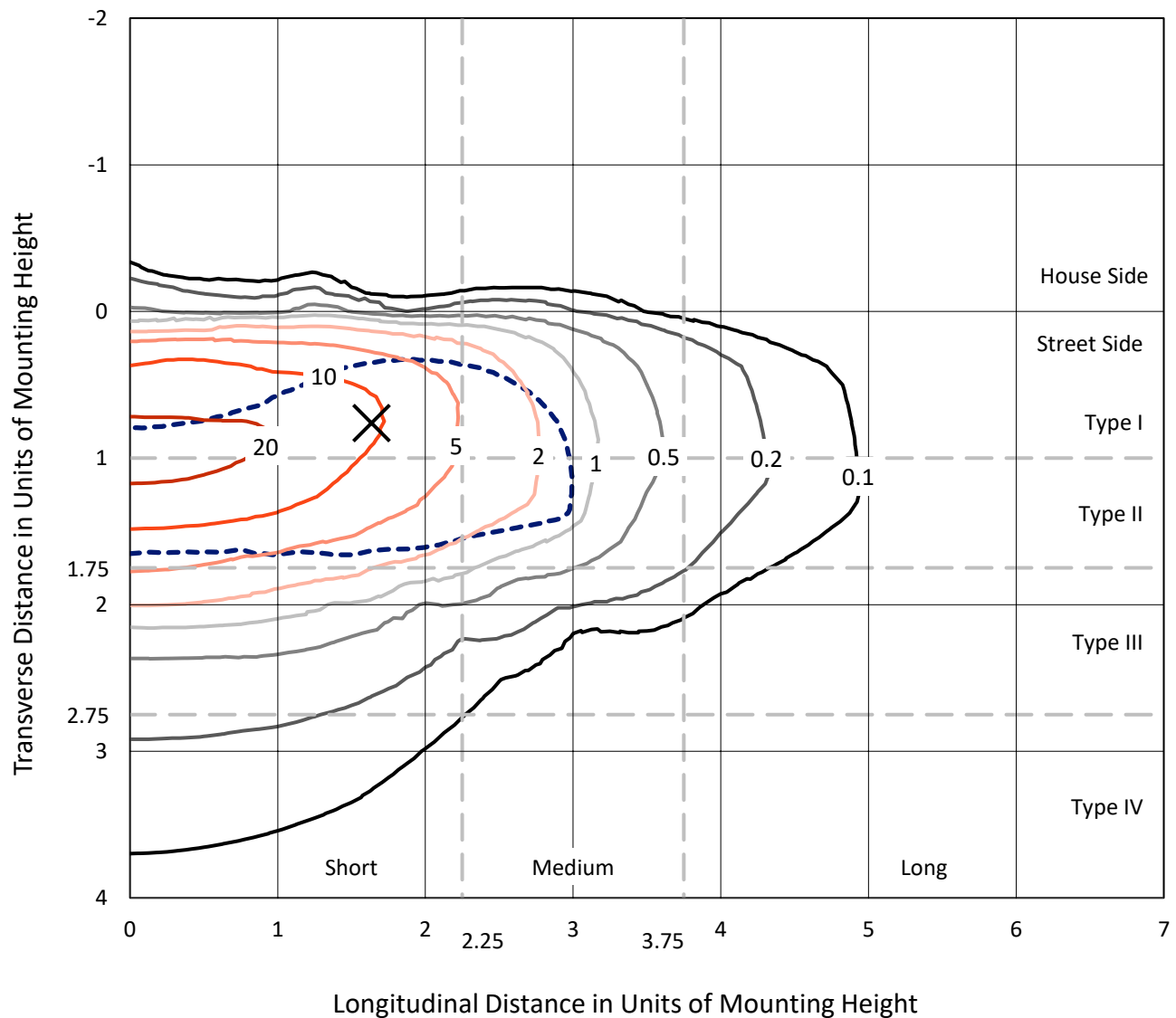


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

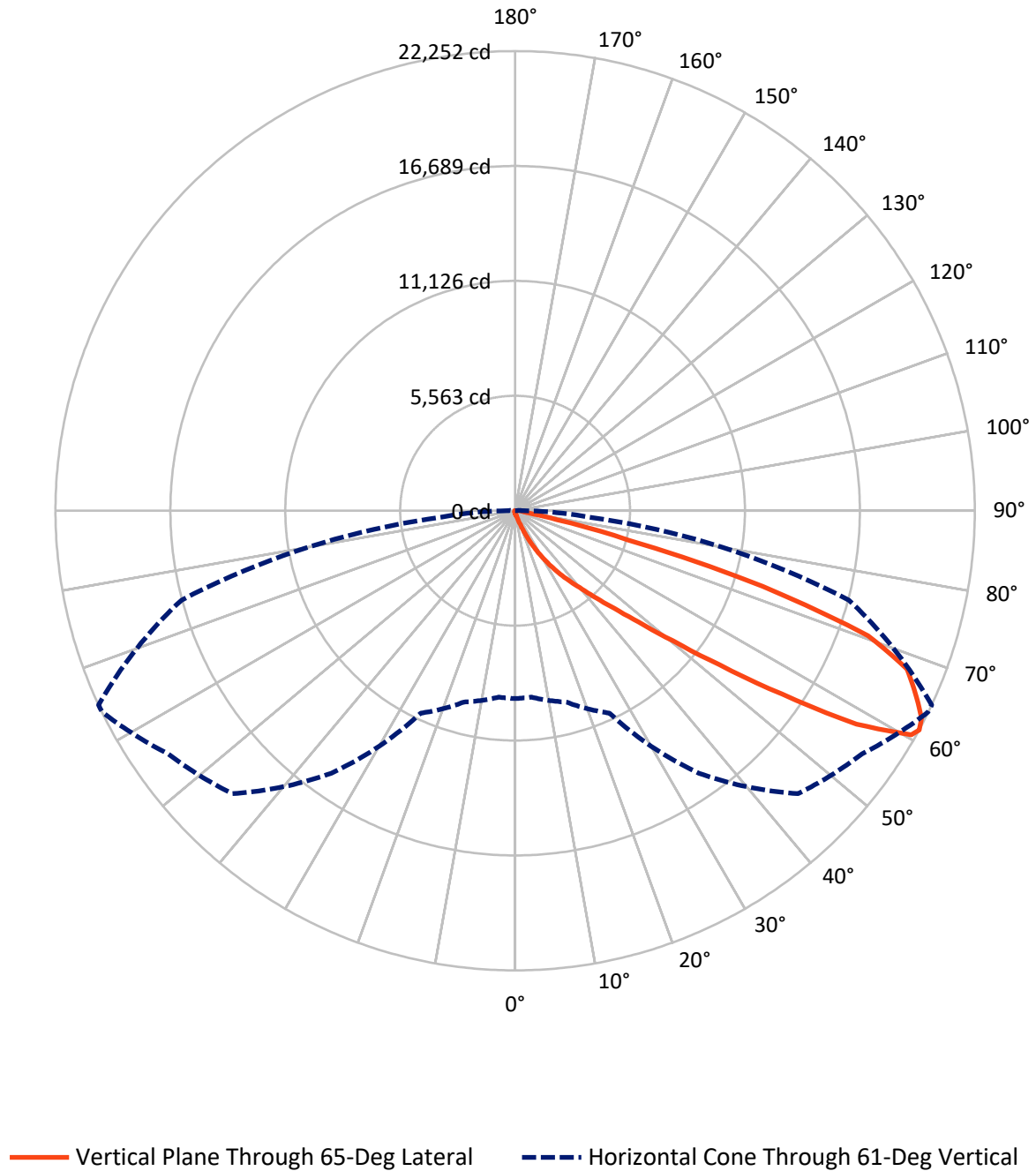


Based on 15 foot mounting height. Maximum calculated value = 26.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	86.1	0.0	86.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20071.8	0.0	20071.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	20157.9	0.0	20157.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	0.1
10°-20°	165.8	0.8
20°-30°	594.9	3.0
30°-40°	1583.8	7.9
40°-50°	4160.7	20.6
50°-60°	6445.7	32.0
60°-70°	5404.6	26.8
70°-80°	1590.5	7.9
80°-90°	196.2	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°	20157.9	100.0
0°-180°	20157.9	100.0



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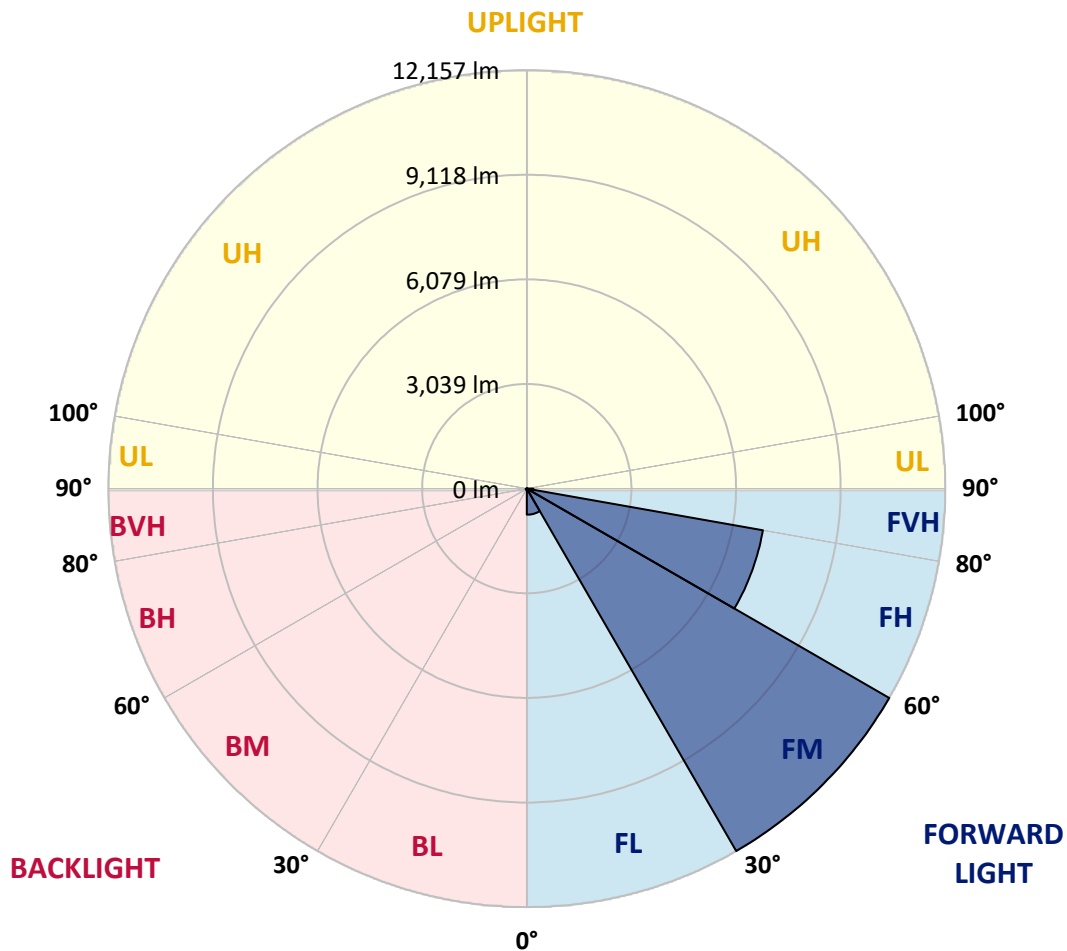
CATALOG NUMBER: GALN-SA4C-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	757.0	3.8			
FM	(30°-60°)	12157.5	60.3			
FH	(60°-80°)	6964.8	34.6			G3/7500
FVH	(80°-90°)	192.6	1.0			G2/225
BL	(0°-30°)	19.3	0.1	B0/110		
BM	(30°-60°)	32.7	0.2	B0/220		
BH	(60°-80°)	30.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4
2.5°	149.8	151.1	148.4	142.8	138.7	138.7	137.3	133.1	133.1	129.0	126.2
5°	209.4	206.6	201.1	190.0	180.3	170.6	160.9	151.1	149.8	137.3	129.0
7.5°	342.5	345.3	327.2	292.6	263.5	226.0	191.4	170.6	167.8	147.0	130.3
10°	751.6	730.8	689.2	554.7	456.2	343.9	255.1	198.3	195.5	158.1	133.1
12.5°	1370.0	1353.4	1277.1	1138.4	884.7	615.7	373.0	245.4	237.1	167.8	134.5
15°	1974.6	1948.2	1906.6	1766.6	1469.8	1103.8	610.1	335.6	313.4	181.7	133.1
17.5°	2360.1	2364.2	2326.8	2267.2	2075.8	1633.5	1053.9	500.6	457.6	206.6	130.3
20°	2697.0	2687.3	2708.1	2676.2	2541.7	2220.0	1533.6	793.2	719.7	246.8	131.7
22.5°	3085.3	3108.9	3124.1	3117.2	2968.8	2694.3	2078.6	1187.0	1094.1	320.3	135.9
25°	3605.3	3602.5	3603.9	3585.9	3441.7	3136.6	2624.9	1676.5	1582.2	439.6	145.6
27.5°	4150.2	4166.9	4173.8	4108.6	3920.0	3620.5	3131.0	2211.7	2100.8	630.9	158.1
30°	4894.9	4881.0	4849.1	4716.0	4487.2	4115.6	3630.2	2773.3	2656.8	898.5	177.5
32.5°	5898.8	5883.5	5722.7	5428.7	5086.2	4631.4	4132.2	3336.3	3194.8	1232.7	203.8
35°	7553.1	7576.6	7181.4	6420.2	5805.9	5251.2	4688.2	3896.5	3771.7	1644.6	239.9
37.5°	10086.5	9957.5	9420.9	8075.8	6753.0	6025.0	5219.3	4462.2	4354.1	2152.1	287.0
40°	12547.8	12420.2	12264.9	10990.6	8398.9	6877.8	5962.6	5126.4	4986.4	2724.8	356.4
42.5°	15135.2	15064.5	15057.6	14096.6	11402.4	8218.6	6857.0	5904.3	5785.1	3352.9	470.1
45°	16968.4	16897.7	17046.0	17213.8	15493.0	11091.8	8414.2	6915.2	6741.9	4115.6	651.7
47.5°	17215.2	17218.0	17614.6	18140.1	18532.5	15536.0	10488.6	8254.7	8043.9	5206.9	956.8
50°	16394.3	16426.2	17057.1	17997.3	19053.9	19264.7	14146.6	10198.8	9886.8	6500.6	1389.4
52.5°	14831.6	14867.6	15746.7	17292.9	18574.1	20160.4	18453.5	12741.9	12382.7	8114.6	1999.5
55°	13424.1	13446.3	14454.4	16408.2	17995.9	19673.7	21010.5	16137.8	15666.3	10100.3	2601.3
57.5°	12030.5	11979.2	12635.1	14871.8	17897.4	19076.1	21387.6	20007.9	19487.9	12270.4	3070.0
60°	10166.9	10080.9	10607.8	12030.5	16602.3	19468.5	20681.8	22148.9	22031.0	15291.9	3431.9
61°	9095.0	9059.0	9588.7	10808.9	15512.4	19368.7	20512.6	22239.0	22251.5	16721.6	3594.2
62.5°	6495.0	6597.7	7407.5	8993.8	12992.9	18721.1	20534.8	21960.3	22083.7	18621.3	4014.3
65°	2887.0	3052.0	3681.5	4972.5	7555.8	15573.4	20337.9	21348.8	21287.8	19142.6	5462.0
67.5°	1712.5	1737.5	2050.8	2817.7	4001.9	8376.7	17947.4	20540.4	20458.6	16664.7	6795.9
70°	1349.2	1361.7	1461.5	1768.0	2322.6	3208.7	10243.2	17771.2	18127.6	13512.9	6653.1
72.5°	1279.9	1277.1	1291.0	1345.0	1462.9	1591.9	3965.8	11812.8	12538.0	9731.5	5578.5
75°	1263.2	1257.7	1243.8	1223.0	1059.4	937.4	1228.6	5224.9	5645.0	6649.0	4200.1
77.5°	1225.8	1227.2	1230.0	1173.1	908.3	662.8	594.9	1676.5	2061.9	4219.6	2985.4
80°	829.2	841.7	862.5	840.3	816.7	479.8	420.2	596.3	604.6	2368.4	1971.8
82.5°	420.2	420.2	410.4	366.1	316.2	312.0	334.2	432.6	438.2	1198.1	927.7
85°	253.8	267.6	273.2	248.2	227.4	209.4	255.1	343.9	356.4	464.5	216.3
87.5°	56.9	58.2	63.8	84.6	123.4	167.8	237.1	314.8	320.3	298.1	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

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CATALOG NUMBER: GALN-SA4C-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4	123.4
2.5°	124.8	122.0	120.6	116.5	112.3	108.2	105.4	104.0	105.4	106.8	106.8
5°	123.4	119.3	112.3	105.4	99.8	94.3	88.7	87.4	87.4	88.7	88.7
7.5°	123.4	116.5	106.8	98.5	90.1	81.8	77.7	74.9	76.3	76.3	76.3
10°	123.4	115.1	102.6	90.1	80.4	70.7	63.8	61.0	61.0	61.0	61.0
12.5°	122.0	113.7	98.5	83.2	69.3	58.2	49.9	45.8	47.1	47.1	47.1
15°	119.3	109.5	92.9	70.7	55.5	44.4	36.1	31.9	33.3	36.1	37.4
17.5°	115.1	105.4	83.2	59.6	44.4	33.3	25.0	22.2	23.6	27.7	27.7
20°	113.7	101.2	73.5	48.5	33.3	23.6	16.6	13.9	15.3	20.8	22.2
22.5°	113.7	98.5	66.6	40.2	25.0	15.3	9.7	5.5	5.5	9.7	9.7
25°	115.1	97.1	61.0	33.3	18.0	11.1	5.5	2.8	5.5	15.3	18.0
27.5°	117.9	95.7	58.2	27.7	13.9	9.7	4.2	9.7	16.6	16.6	16.6
30°	120.6	92.9	54.1	23.6	12.5	6.9	6.9	13.9	13.9	16.6	18.0
32.5°	124.8	91.5	51.3	20.8	9.7	5.5	9.7	8.3	8.3	9.7	11.1
35°	133.1	92.9	48.5	20.8	9.7	6.9	8.3	4.2	2.8	2.8	2.8
37.5°	144.2	94.3	44.4	18.0	8.3	8.3	4.2	0.0	0.0	0.0	0.0
40°	162.2	98.5	41.6	16.6	6.9	6.9	1.4	0.0	0.0	0.0	0.0
42.5°	192.7	106.8	40.2	15.3	6.9	5.5	0.0	0.0	0.0	0.0	0.0
45°	253.8	126.2	37.4	13.9	6.9	2.8	0.0	0.0	0.0	0.0	0.0
47.5°	364.7	171.9	36.1	11.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	532.5	233.0	34.7	9.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	679.5	245.4	23.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	696.1	169.2	18.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	554.7	109.5	15.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	420.2	83.2	13.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	403.5	74.9	13.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	445.1	65.2	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	723.8	54.1	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1257.7	47.1	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1589.1	44.4	8.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1385.3	40.2	8.3	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	833.4	34.7	8.3	5.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	436.8	26.3	8.3	6.9	4.2	1.4	0.0	0.0	0.0	0.0	0.0
80°	212.2	23.6	9.7	6.9	5.5	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	83.2	19.4	11.1	9.7	6.9	4.2	1.4	0.0	0.0	0.0	0.0
85°	37.4	16.6	12.5	11.1	9.7	5.5	1.4	0.0	0.0	0.0	0.0
87.5°	19.4	15.3	13.9	12.5	9.7	6.9	2.8	0.0	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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 Rf: 86.6
 Rg: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

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

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CIE 1931 Chromaticity Diagram



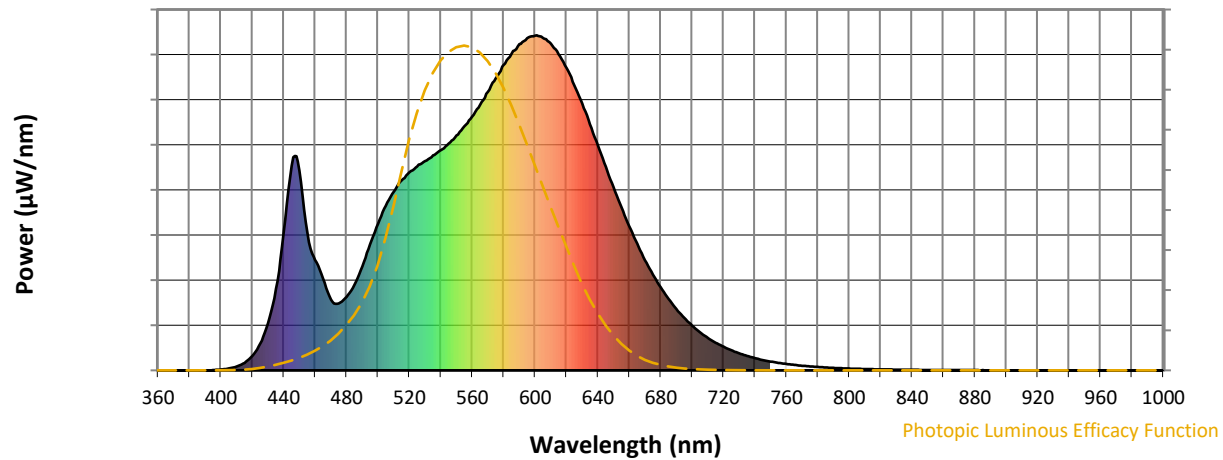
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.48

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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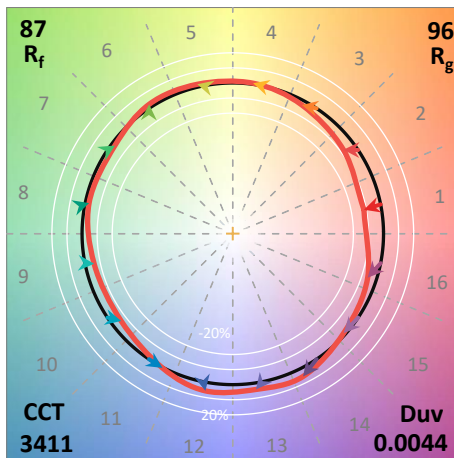
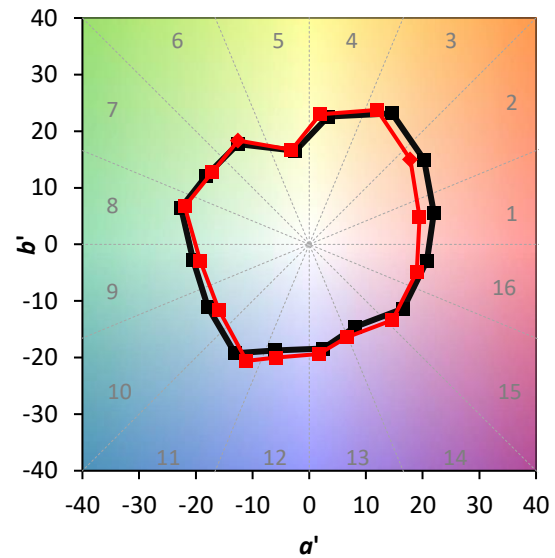
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$



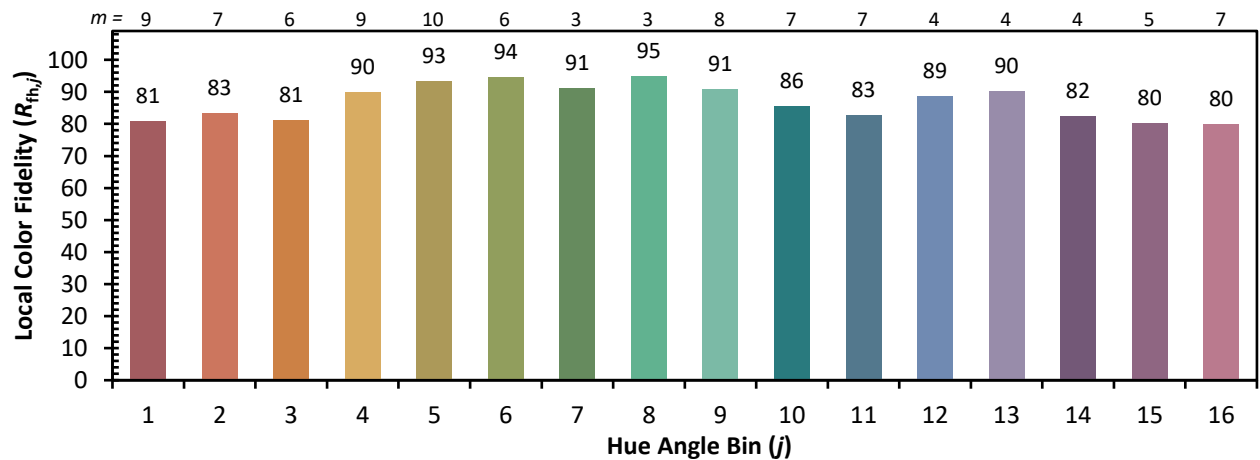
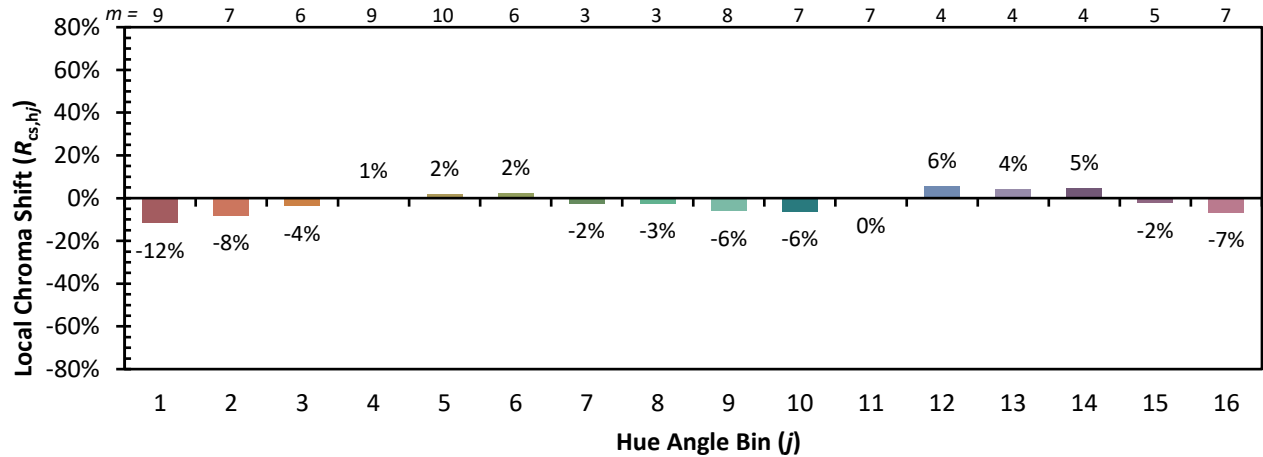
Color Vector Graphics



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

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)