

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: P1048017

Luminaire Tested: **GALN-SA9A-840-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048017
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-840-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
80CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29261.8 lumens
Efficiency: N/A
Efficacy: 119.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 244.6
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



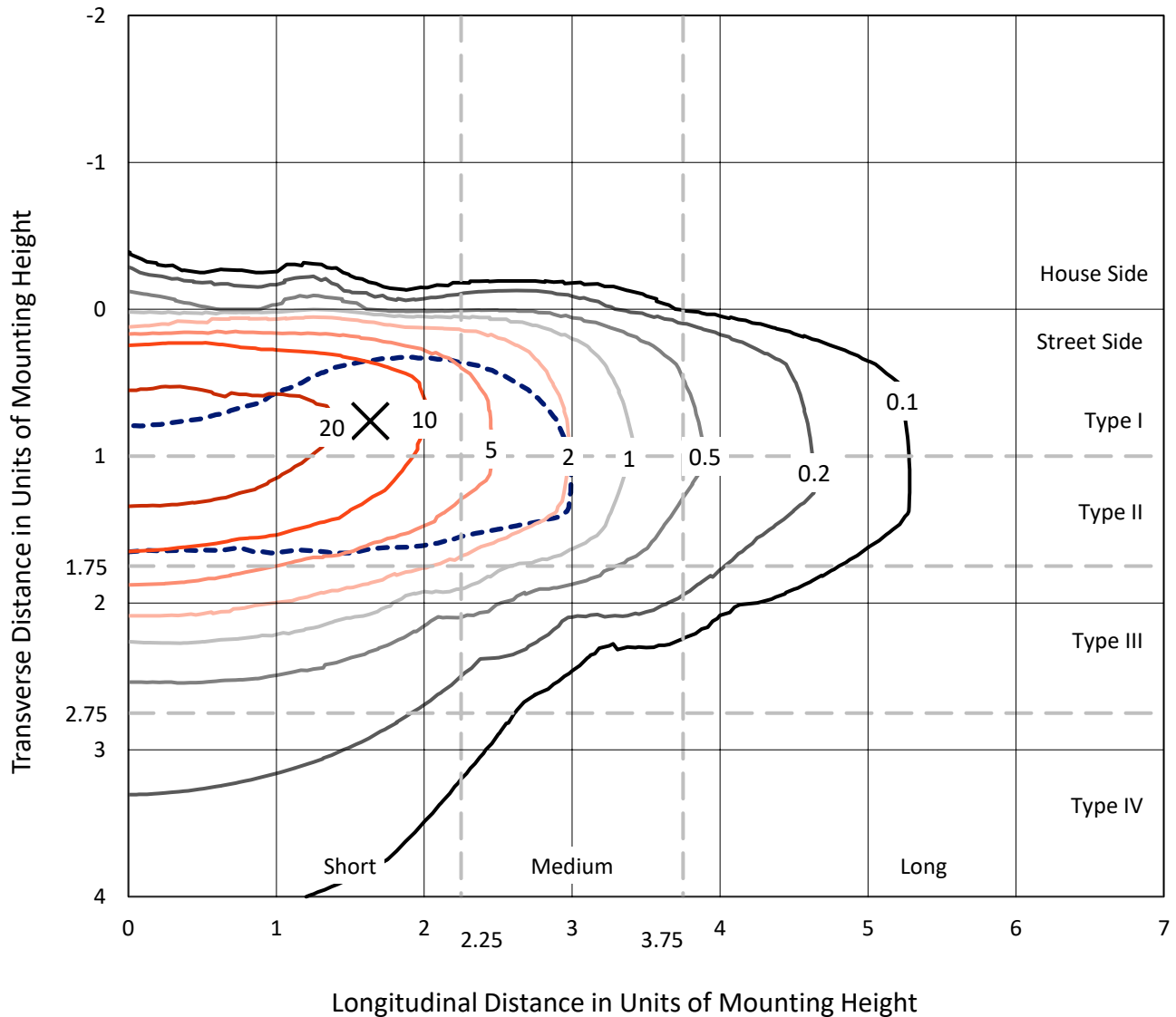
REPORT NUMBER: P1048017

CATALOG NUMBER: GALN-SA9A-840-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

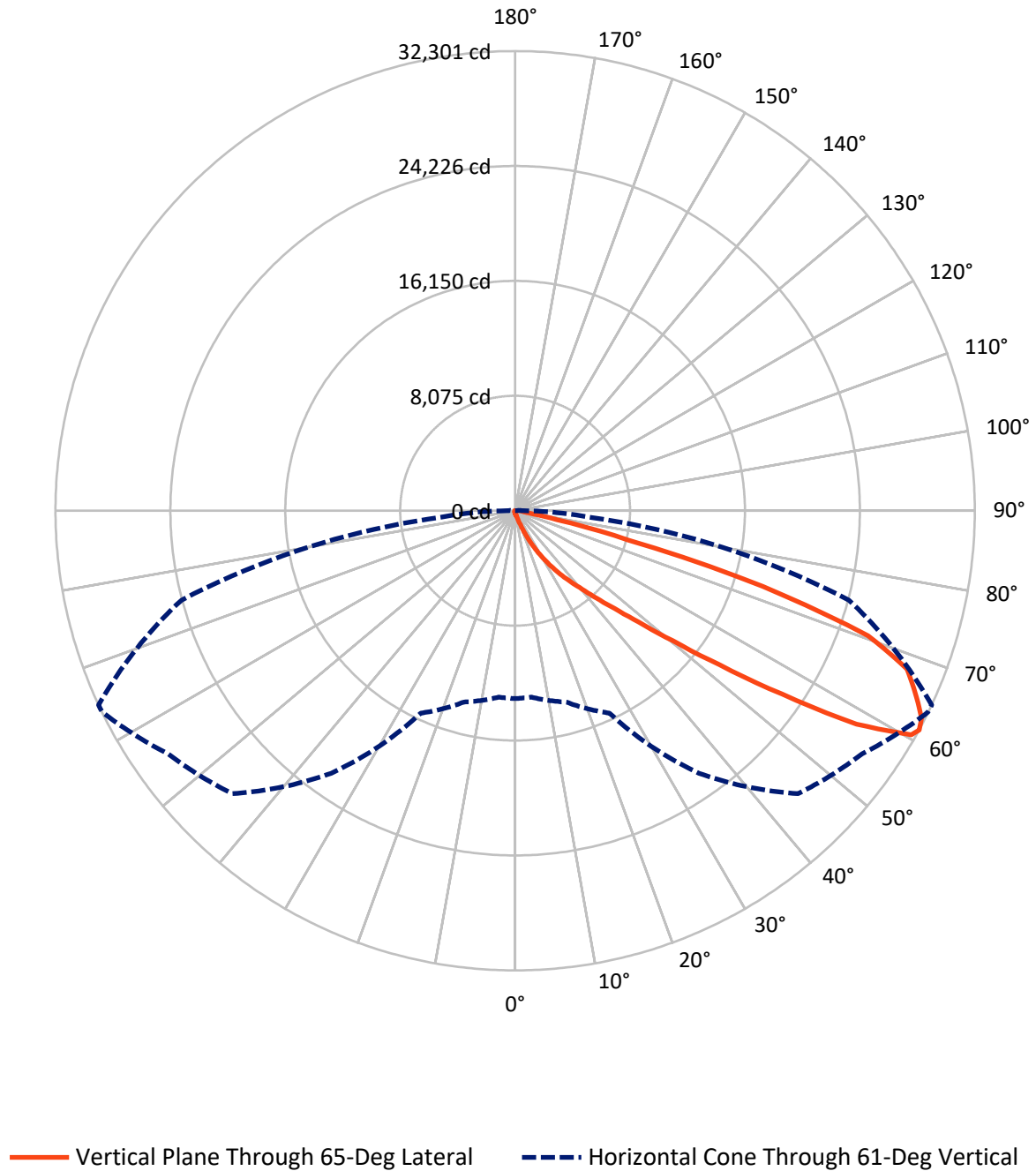


Based on 15 foot mounting height. Maximum calculated value = 38.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	124.9	0.0	124.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29136.8	0.0	29136.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	29261.8	0.0	29261.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.8	0.1
10°-20°	240.6	0.8
20°-30°	863.6	3.0
30°-40°	2299.1	7.9
40°-50°	6039.8	20.6
50°-60°	9356.8	32.0
60°-70°	7845.5	26.8
70°-80°	2308.8	7.9
80°-90°	284.8	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°	29261.8	100.0
0°-180°	29261.8	100.0



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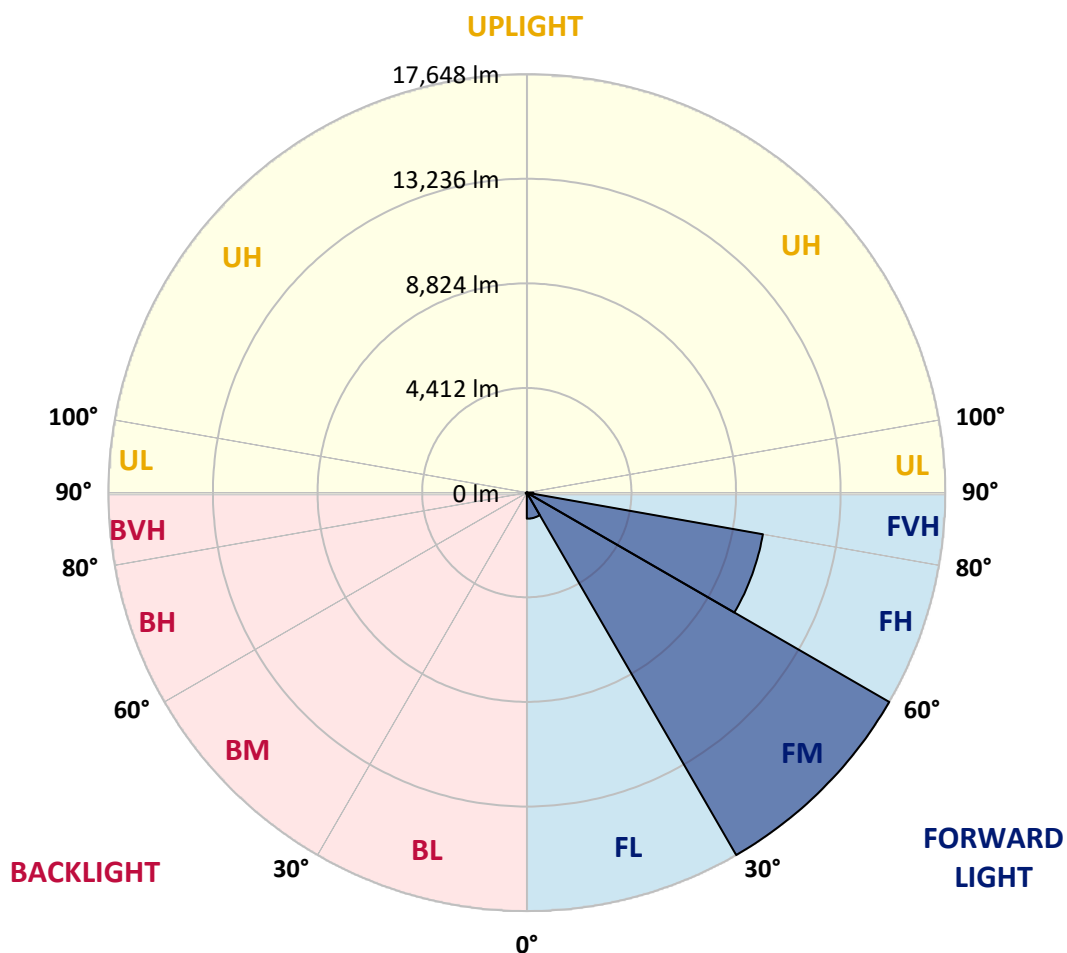
CATALOG NUMBER: GALN-SA9A-840-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1098.9	3.8			
FM	(30°-60°)	17648.1	60.3			
FH	(60°-80°)	10110.2	34.6			G4/12000
FVH	(80°-90°)	279.5	1.0			G3/500
BL	(0°-30°)	28.0	0.1	B0/110		
BM	(30°-60°)	47.5	0.2	B0/220		
BH	(60°-80°)	44.1	0.2	B0/110		G0/110
BVH	(80°-90°)	5.3	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-G4

Type II Short



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CATALOG NUMBER: GALN-SA9A-840-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1
2.5°	217.4	219.4	215.4	207.3	201.3	201.3	199.3	193.2	193.2	187.2	183.2
5°	303.9	299.9	291.9	275.8	261.7	247.6	233.5	219.4	217.4	199.3	187.2
7.5°	497.2	501.2	475.0	424.7	382.4	328.1	277.8	247.6	243.6	213.4	189.2
10°	1091.0	1060.8	1000.4	805.2	662.2	499.2	370.4	287.8	283.8	229.5	193.2
12.5°	1988.7	1964.6	1853.9	1652.6	1284.2	893.7	541.5	356.3	344.2	243.6	195.3
15°	2866.4	2828.1	2767.7	2564.4	2133.7	1602.3	885.7	487.1	454.9	263.7	193.2
17.5°	3425.9	3432.0	3377.6	3291.1	3013.3	2371.2	1529.8	726.7	664.3	299.9	189.2
20°	3915.1	3901.0	3931.2	3884.9	3689.6	3222.6	2226.3	1151.4	1044.7	358.3	191.2
22.5°	4478.7	4512.9	4535.0	4525.0	4309.6	3911.1	3017.3	1723.0	1588.2	465.0	197.3
25°	5233.5	5229.5	5231.5	5205.3	4996.0	4553.2	3810.4	2433.6	2296.7	638.1	211.4
27.5°	6024.6	6048.7	6058.8	5964.2	5690.5	5255.7	4545.1	3210.6	3049.5	915.9	229.5
30°	7105.5	7085.4	7039.1	6845.9	6513.7	5974.3	5269.8	4025.8	3856.7	1304.4	257.7
32.5°	8562.9	8540.7	8307.2	7880.5	7383.3	6723.1	5998.4	4843.0	4637.7	1789.5	295.9
35°	10964.2	10998.5	10424.8	9319.7	8428.0	7622.8	6805.6	5656.2	5475.1	2387.3	348.2
37.5°	14641.8	14454.6	13675.6	11723.1	9802.8	8746.0	7576.5	6477.5	6320.5	3124.0	416.7
40°	18214.7	18029.5	17804.0	15954.2	12192.1	9984.0	8655.4	7441.7	7238.4	3955.3	517.3
42.5°	21970.7	21868.1	21858.0	20463.1	16552.0	11930.4	9953.8	8570.9	8397.8	4867.2	682.4
45°	24631.8	24529.1	24744.5	24988.1	22490.1	16101.1	12214.2	10038.3	9786.7	5974.3	946.1
47.5°	24990.1	24994.1	25569.8	26332.7	26902.3	22552.5	15225.5	11982.8	11676.8	7558.4	1388.9
50°	23798.4	23844.7	24760.6	26125.3	27659.2	27965.1	20535.5	14804.8	14351.9	9436.4	2016.9
52.5°	21529.9	21582.2	22858.4	25102.8	26962.7	29265.5	26787.6	18496.5	17975.1	11779.5	2902.6
55°	19486.8	19519.0	20982.4	23818.6	26123.3	28558.9	30499.4	23426.1	22741.7	14661.9	3776.2
57.5°	17463.9	17389.4	18341.5	21588.3	25980.4	27691.4	31046.9	29044.0	28289.2	17812.1	4456.5
60°	14758.5	14633.7	15398.6	17463.9	24100.4	28261.0	30022.3	32152.0	31980.9	22198.2	4981.9
61°	13202.6	13150.2	13919.2	15690.5	22518.2	28116.1	29776.7	32282.8	32300.9	24273.5	5217.4
62.5°	9428.4	9577.3	10752.9	13055.6	18860.8	27176.1	29808.9	31878.2	32057.3	27031.2	5827.3
65°	4190.8	4430.4	5344.2	7218.2	10968.3	22606.8	29523.1	30990.5	30901.9	27788.0	7928.8
67.5°	2485.9	2522.2	2977.1	4090.2	5809.2	12159.9	26052.9	29817.0	29698.2	24191.0	9865.2
70°	1958.5	1976.7	2121.6	2566.4	3371.6	4657.8	14869.2	25797.2	26314.6	19615.7	9657.9
72.5°	1857.9	1853.9	1874.0	1952.5	2123.6	2310.8	5756.9	17147.8	18200.6	14126.5	8097.9
75°	1833.7	1825.7	1805.6	1775.4	1537.9	1360.7	1783.4	7584.6	8194.5	9651.8	6097.1
77.5°	1779.4	1781.4	1785.4	1702.9	1318.4	962.2	863.5	2433.6	2993.2	6125.2	4333.8
80°	1203.7	1221.8	1252.0	1219.8	1185.6	696.5	609.9	865.5	877.6	3438.0	2862.3
82.5°	609.9	609.9	595.8	531.4	458.9	452.9	485.1	628.0	636.1	1739.1	1346.6
85°	368.4	388.5	396.5	360.3	330.1	303.9	370.4	499.2	517.3	674.3	314.0
87.5°	82.5	84.5	92.6	122.8	179.1	243.6	344.2	456.9	465.0	432.8	38.2
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-SA9A-840-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1	179.1
2.5°	181.2	177.1	175.1	169.1	163.0	157.0	153.0	151.0	153.0	155.0	155.0
5°	179.1	173.1	163.0	153.0	144.9	136.9	128.8	126.8	126.8	128.8	128.8
7.5°	179.1	169.1	155.0	142.9	130.8	118.8	112.7	108.7	110.7	110.7	110.7
10°	179.1	167.1	149.0	130.8	116.7	102.7	92.6	88.6	88.6	88.6	88.6
12.5°	177.1	165.1	142.9	120.8	100.6	84.5	72.5	66.4	68.4	68.4	68.4
15°	173.1	159.0	134.9	102.7	80.5	64.4	52.3	46.3	48.3	52.3	54.3
17.5°	167.1	153.0	120.8	86.6	64.4	48.3	36.2	32.2	34.2	40.3	40.3
20°	165.1	146.9	106.7	70.5	48.3	34.2	24.2	20.1	22.1	30.2	32.2
22.5°	165.1	142.9	96.6	58.4	36.2	22.1	14.1	8.1	8.1	14.1	14.1
25°	167.1	140.9	88.6	48.3	26.2	16.1	8.1	4.0	8.1	22.1	26.2
27.5°	171.1	138.9	84.5	40.3	20.1	14.1	6.0	14.1	24.2	24.2	24.2
30°	175.1	134.9	78.5	34.2	18.1	10.1	10.1	20.1	20.1	24.2	26.2
32.5°	181.2	132.9	74.5	30.2	14.1	8.1	14.1	12.1	12.1	14.1	16.1
35°	193.2	134.9	70.5	30.2	14.1	10.1	12.1	6.0	4.0	4.0	4.0
37.5°	209.3	136.9	64.4	26.2	12.1	12.1	6.0	0.0	0.0	0.0	0.0
40°	235.5	142.9	60.4	24.2	10.1	10.1	2.0	0.0	0.0	0.0	0.0
42.5°	279.8	155.0	58.4	22.1	10.1	8.1	0.0	0.0	0.0	0.0	0.0
45°	368.4	183.2	54.3	20.1	10.1	4.0	0.0	0.0	0.0	0.0	0.0
47.5°	529.4	249.6	52.3	16.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	773.0	338.2	50.3	14.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	986.3	356.3	34.2	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1010.5	245.6	26.2	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	805.2	159.0	22.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	609.9	120.8	20.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	585.8	108.7	20.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	646.1	94.6	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1050.7	78.5	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1825.7	68.4	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2306.8	64.4	12.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2010.9	58.4	12.1	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1209.7	50.3	12.1	8.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	634.1	38.2	12.1	10.1	6.0	2.0	0.0	0.0	0.0	0.0	0.0
80°	308.0	34.2	14.1	10.1	8.1	4.0	0.0	0.0	0.0	0.0	0.0
82.5°	120.8	28.2	16.1	14.1	10.1	6.0	2.0	0.0	0.0	0.0	0.0
85°	54.3	24.2	18.1	16.1	14.1	8.1	2.0	0.0	0.0	0.0	0.0
87.5°	28.2	22.1	20.1	18.1	14.1	10.1	4.0	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

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 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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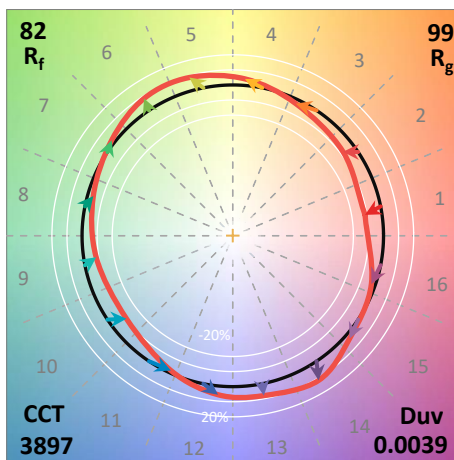
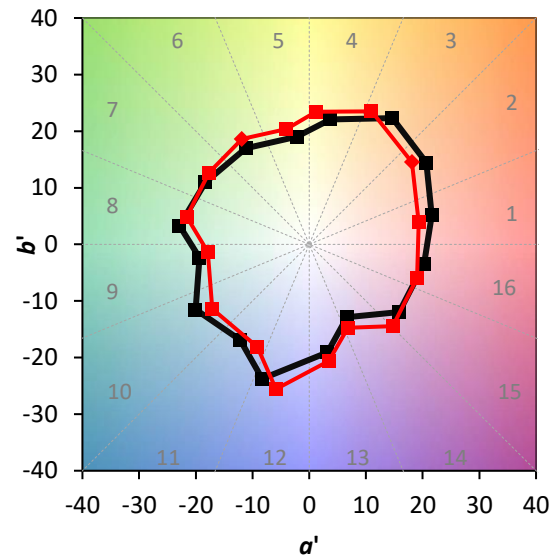
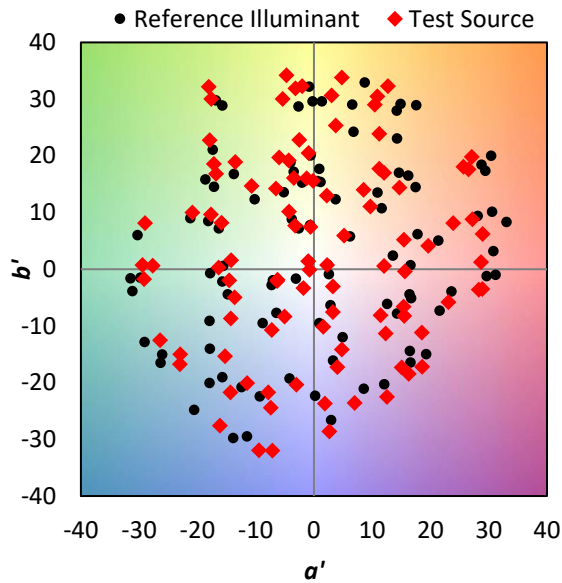
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$



Color Vector Graphics

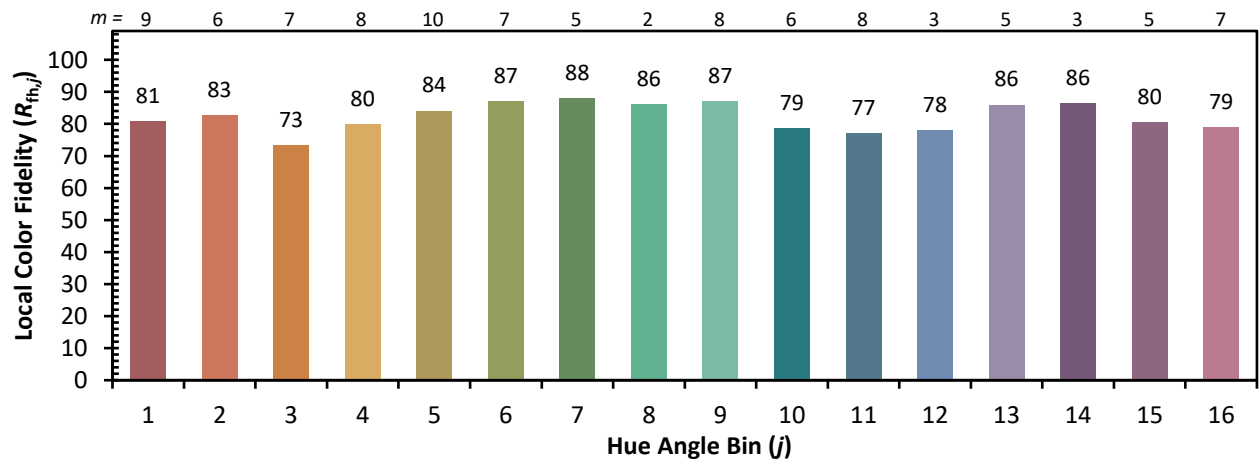
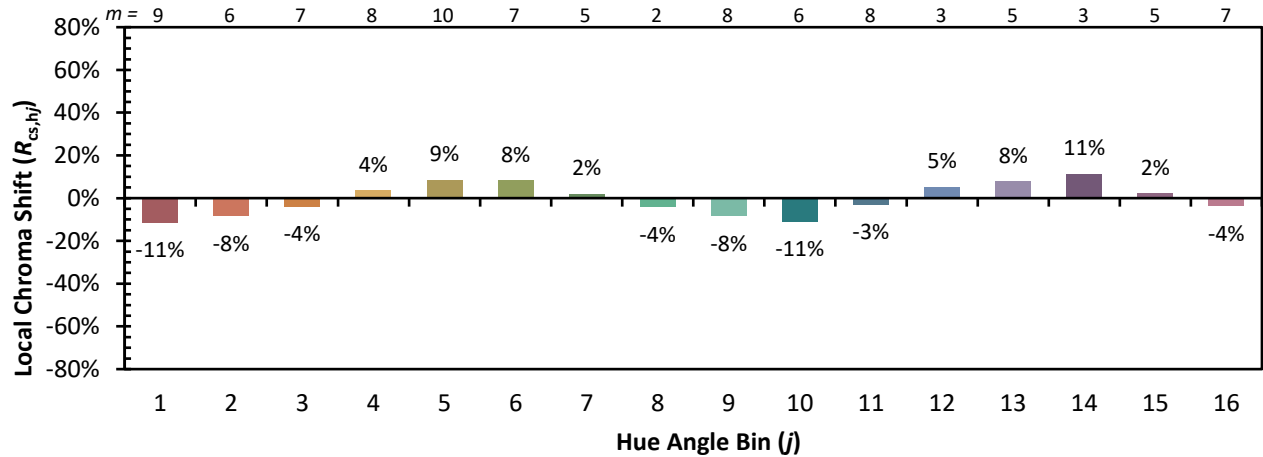


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)