

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: P1048202

Luminaire Tested: **GALN-SA1B-950-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048202
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-950-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3597.6 lumens
Efficiency: N/A
Efficacy: 93.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.7
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

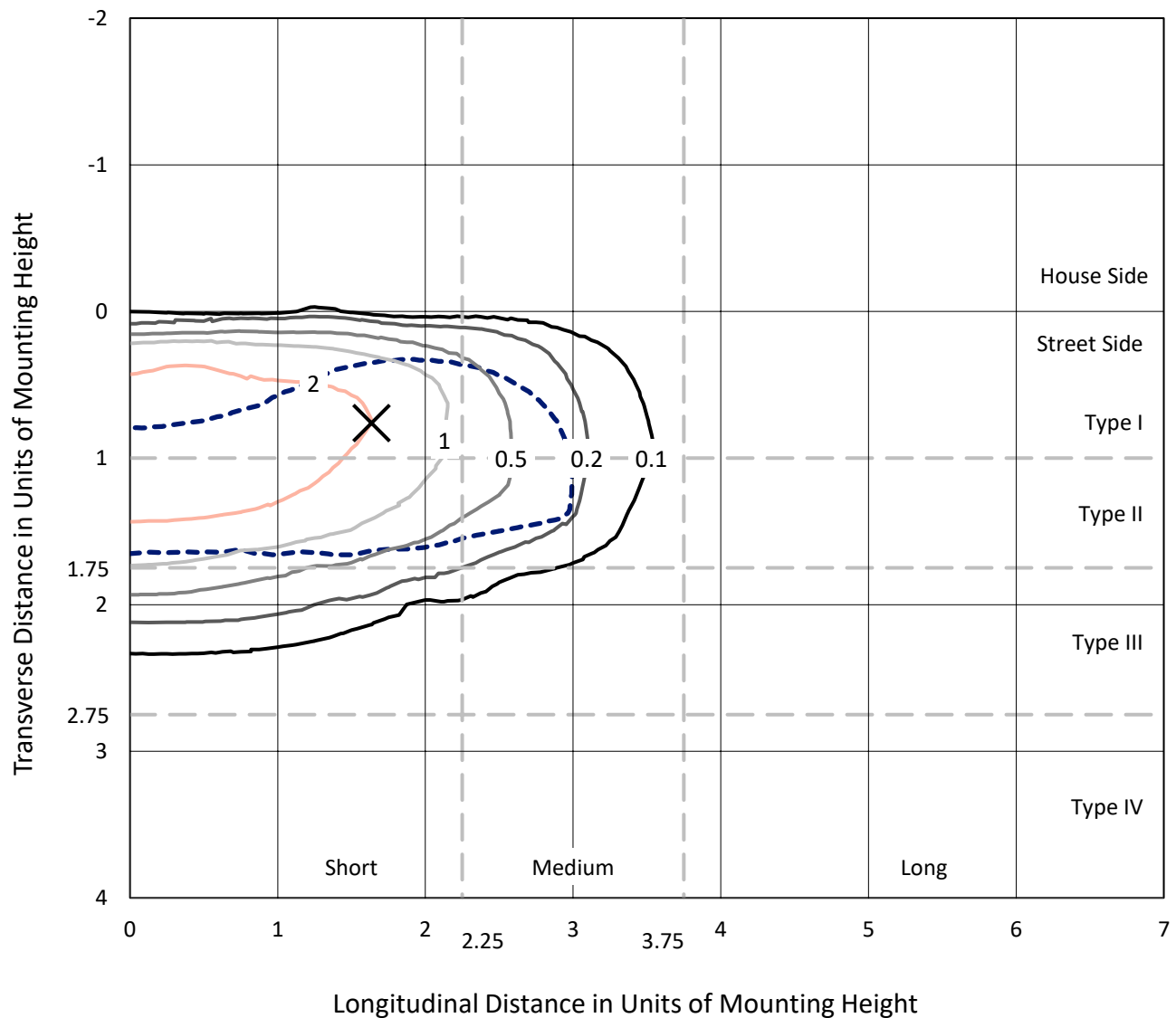


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

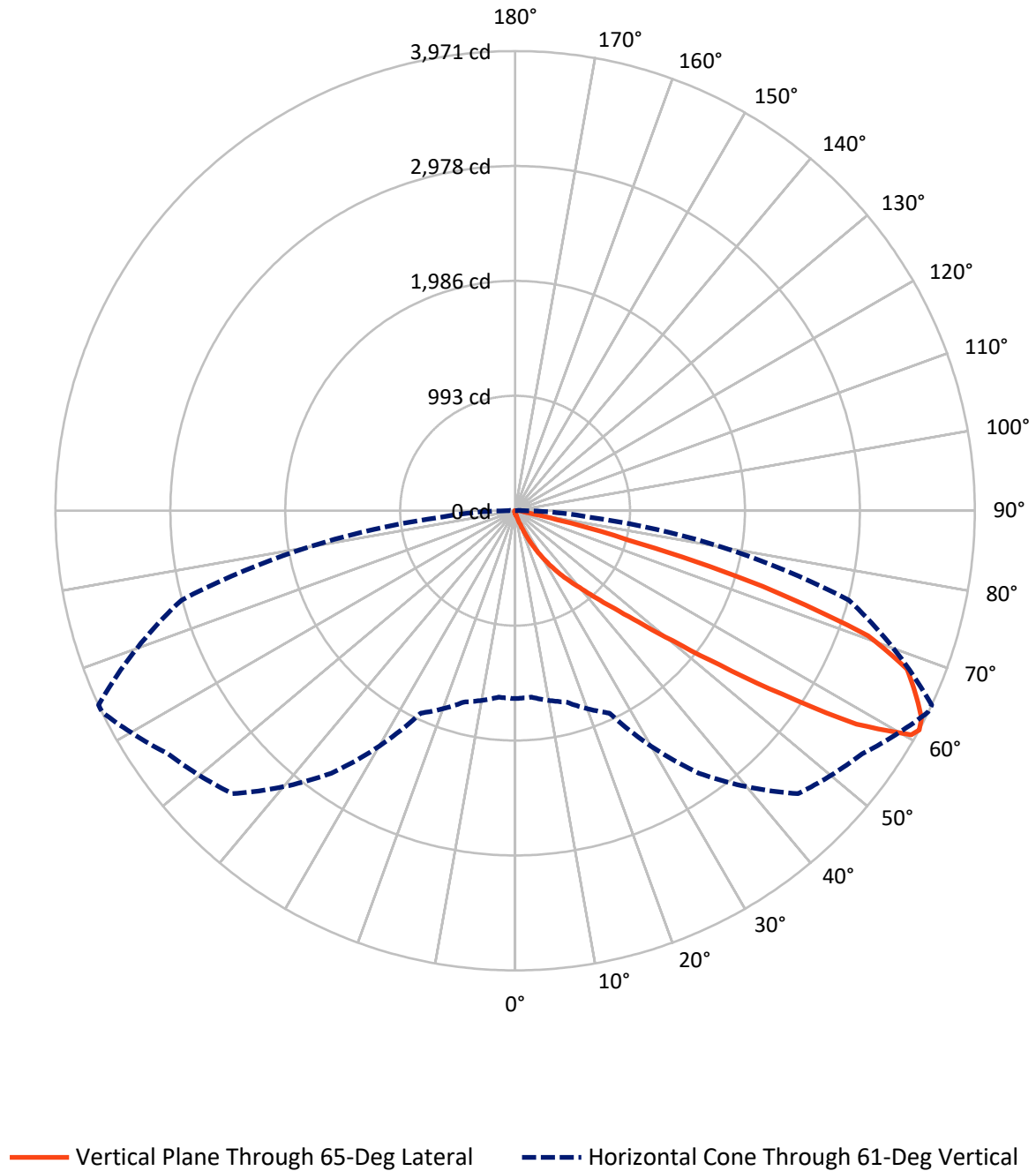


Based on 15 foot mounting height. Maximum calculated value = 4.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: GALN-SA1B-950-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.3	0.0	15.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3582.2	0.0	3582.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	3597.6	0.0	3597.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	29.6	0.8
20°-30°	106.2	3.0
30°-40°	282.7	7.9
40°-50°	742.6	20.6
50°-60°	1150.4	32.0
60°-70°	964.6	26.8
70°-80°	283.9	7.9
80°-90°	35.0	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°	3597.6	100.0
0°-180°	3597.6	100.0



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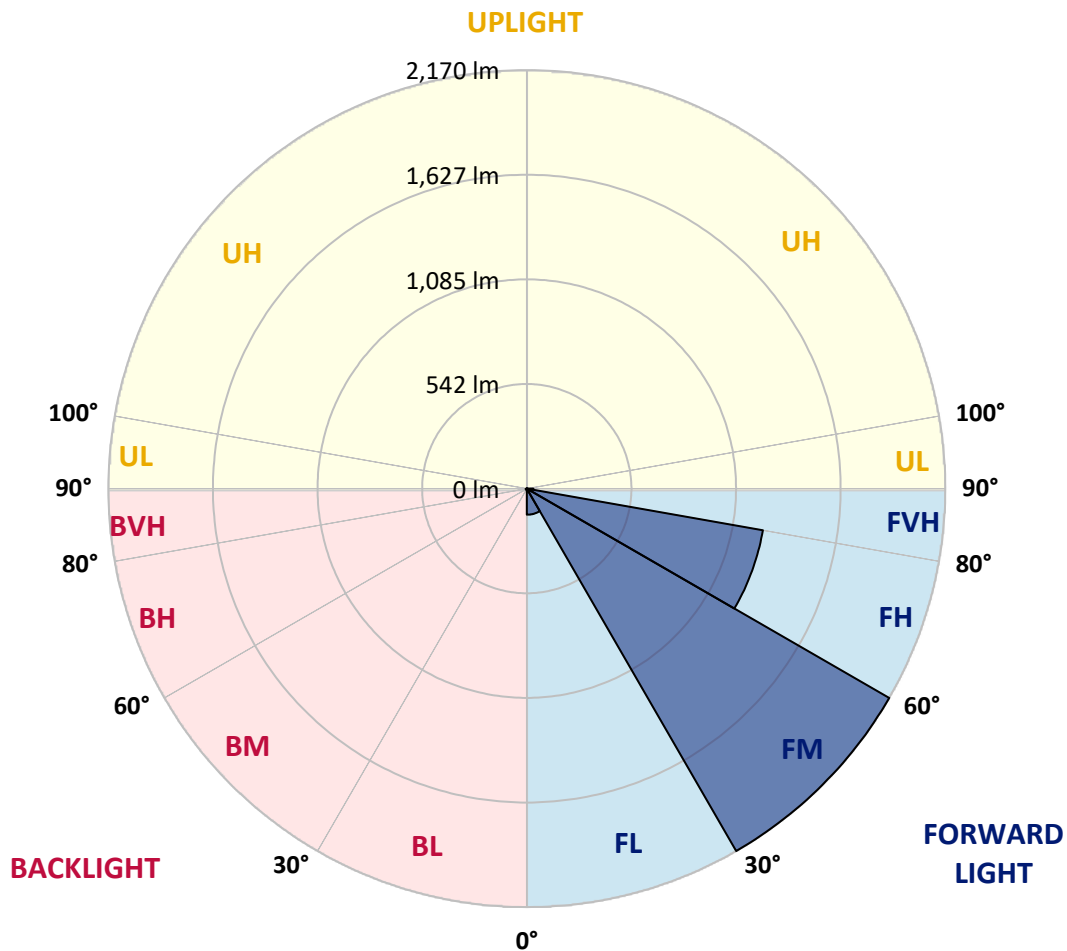
CATALOG NUMBER: GALN-SA1B-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	135.1	3.8			
FM	(30°-60°)	2169.7	60.3			
FH	(60°-80°)	1243.0	34.6			G1/1800
FVH	(80°-90°)	34.4	1.0			G1/100
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	5.8	0.2	B0/220		
BH	(60°-80°)	5.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type II Short



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CATALOG NUMBER: GALN-SA1B-950-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
2.5°	26.7	27.0	26.5	25.5	24.7	24.7	24.5	23.8	23.8	23.0	22.5
5°	37.4	36.9	35.9	33.9	32.2	30.4	28.7	27.0	26.7	24.5	23.0
7.5°	61.1	61.6	58.4	52.2	47.0	40.3	34.2	30.4	29.9	26.2	23.3
10°	134.1	130.4	123.0	99.0	81.4	61.4	45.5	35.4	34.9	28.2	23.8
12.5°	244.5	241.5	227.9	203.2	157.9	109.9	66.6	43.8	42.3	29.9	24.0
15°	352.4	347.7	340.3	315.3	262.3	197.0	108.9	59.9	55.9	32.4	23.8
17.5°	421.2	421.9	415.3	404.6	370.5	291.5	188.1	89.3	81.7	36.9	23.3
20°	481.3	479.6	483.3	477.6	453.6	396.2	273.7	141.6	128.4	44.1	23.5
22.5°	550.6	554.8	557.6	556.3	529.8	480.8	371.0	211.8	195.3	57.2	24.3
25°	643.4	642.9	643.2	640.0	614.2	559.8	468.5	299.2	282.4	78.4	26.0
27.5°	740.7	743.7	744.9	733.3	699.6	646.2	558.8	394.7	374.9	112.6	28.2
30°	873.6	871.1	865.4	841.7	800.8	734.5	647.9	494.9	474.2	160.4	31.7
32.5°	1052.8	1050.0	1021.3	968.9	907.7	826.6	737.5	595.4	570.2	220.0	36.4
35°	1348.0	1352.2	1281.7	1145.8	1036.2	937.2	836.7	695.4	673.1	293.5	42.8
37.5°	1800.1	1777.1	1681.3	1441.3	1205.2	1075.3	931.5	796.4	777.1	384.1	51.2
40°	2239.4	2216.6	2188.9	1961.5	1498.9	1227.5	1064.1	914.9	889.9	486.3	63.6
42.5°	2701.2	2688.6	2687.3	2515.8	2035.0	1466.8	1223.8	1053.7	1032.5	598.4	83.9
45°	3028.3	3015.7	3042.2	3072.1	2765.0	1979.5	1501.7	1234.2	1203.2	734.5	116.3
47.5°	3072.4	3072.9	3143.7	3237.5	3307.5	2772.7	1871.9	1473.2	1435.6	929.3	170.8
50°	2925.9	2931.6	3044.2	3212.0	3400.5	3438.2	2524.7	1820.2	1764.5	1160.2	248.0
52.5°	2647.0	2653.4	2810.3	3086.2	3314.9	3598.0	3293.4	2274.0	2209.9	1448.2	356.9
55°	2395.8	2399.8	2579.7	2928.4	3211.7	3511.2	3749.7	2880.1	2796.0	1802.6	464.3
57.5°	2147.1	2137.9	2255.0	2654.2	3194.1	3404.5	3817.0	3570.8	3478.0	2189.9	547.9
60°	1814.5	1799.1	1893.2	2147.1	2963.0	3474.5	3691.1	3952.9	3931.9	2729.1	612.5
61°	1623.2	1616.7	1711.3	1929.1	2768.5	3456.7	3660.9	3969.0	3971.2	2984.3	641.5
62.5°	1159.2	1177.5	1322.0	1605.1	2318.8	3341.1	3664.8	3919.2	3941.3	3323.3	716.4
65°	515.2	544.7	657.0	887.4	1348.5	2779.4	3629.7	3810.1	3799.2	3416.4	974.8
67.5°	305.6	310.1	366.0	502.9	714.2	1495.0	3203.1	3665.8	3651.2	2974.1	1212.9
70°	240.8	243.0	260.8	315.5	414.5	572.7	1828.1	3171.6	3235.2	2411.6	1187.4
72.5°	228.4	227.9	230.4	240.0	261.1	284.1	707.8	2108.2	2237.7	1736.8	995.6
75°	225.4	224.5	222.0	218.3	189.1	167.3	219.3	932.5	1007.5	1186.6	749.6
77.5°	218.8	219.0	219.5	209.4	162.1	118.3	106.2	299.2	368.0	753.1	532.8
80°	148.0	150.2	153.9	150.0	145.8	85.6	75.0	106.4	107.9	422.7	351.9
82.5°	75.0	75.0	73.3	65.3	56.4	55.7	59.6	77.2	78.2	213.8	165.6
85°	45.3	47.8	48.8	44.3	40.6	37.4	45.5	61.4	63.6	82.9	38.6
87.5°	10.1	10.4	11.4	15.1	22.0	29.9	42.3	56.2	57.2	53.2	4.7
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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CATALOG NUMBER: GALN-SA1B-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
2.5°	22.3	21.8	21.5	20.8	20.0	19.3	18.8	18.6	18.8	19.1	19.1
5°	22.0	21.3	20.0	18.8	17.8	16.8	15.8	15.6	15.6	15.8	15.8
7.5°	22.0	20.8	19.1	17.6	16.1	14.6	13.9	13.4	13.6	13.6	13.6
10°	22.0	20.5	18.3	16.1	14.4	12.6	11.4	10.9	10.9	10.9	10.9
12.5°	21.8	20.3	17.6	14.8	12.4	10.4	8.9	8.2	8.4	8.4	8.4
15°	21.3	19.6	16.6	12.6	9.9	7.9	6.4	5.7	5.9	6.4	6.7
17.5°	20.5	18.8	14.8	10.6	7.9	5.9	4.5	4.0	4.2	4.9	4.9
20°	20.3	18.1	13.1	8.7	5.9	4.2	3.0	2.5	2.7	3.7	4.0
22.5°	20.3	17.6	11.9	7.2	4.5	2.7	1.7	1.0	1.0	1.7	1.7
25°	20.5	17.3	10.9	5.9	3.2	2.0	1.0	0.5	1.0	2.7	3.2
27.5°	21.0	17.1	10.4	4.9	2.5	1.7	0.7	1.7	3.0	3.0	3.0
30°	21.5	16.6	9.7	4.2	2.2	1.2	1.2	2.5	2.5	3.0	3.2
32.5°	22.3	16.3	9.2	3.7	1.7	1.0	1.7	1.5	1.5	1.7	2.0
35°	23.8	16.6	8.7	3.7	1.7	1.2	1.5	0.7	0.5	0.5	0.5
37.5°	25.7	16.8	7.9	3.2	1.5	1.5	0.7	0.0	0.0	0.0	0.0
40°	29.0	17.6	7.4	3.0	1.2	1.2	0.2	0.0	0.0	0.0	0.0
42.5°	34.4	19.1	7.2	2.7	1.2	1.0	0.0	0.0	0.0	0.0	0.0
45°	45.3	22.5	6.7	2.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0
47.5°	65.1	30.7	6.4	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	95.0	41.6	6.2	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	121.3	43.8	4.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	124.2	30.2	3.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	99.0	19.6	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	75.0	14.8	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	72.0	13.4	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	79.4	11.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	129.2	9.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	224.5	8.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	283.6	7.9	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	247.2	7.2	1.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	148.7	6.2	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	78.0	4.7	1.5	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0
80°	37.9	4.2	1.7	1.2	1.0	0.5	0.0	0.0	0.0	0.0	0.0
82.5°	14.8	3.5	2.0	1.7	1.2	0.7	0.2	0.0	0.0	0.0	0.0
85°	6.7	3.0	2.2	2.0	1.7	1.0	0.2	0.0	0.0	0.0	0.0
87.5°	3.5	2.7	2.5	2.2	1.7	1.2	0.5	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

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 5000K 7-step quadrangle

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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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



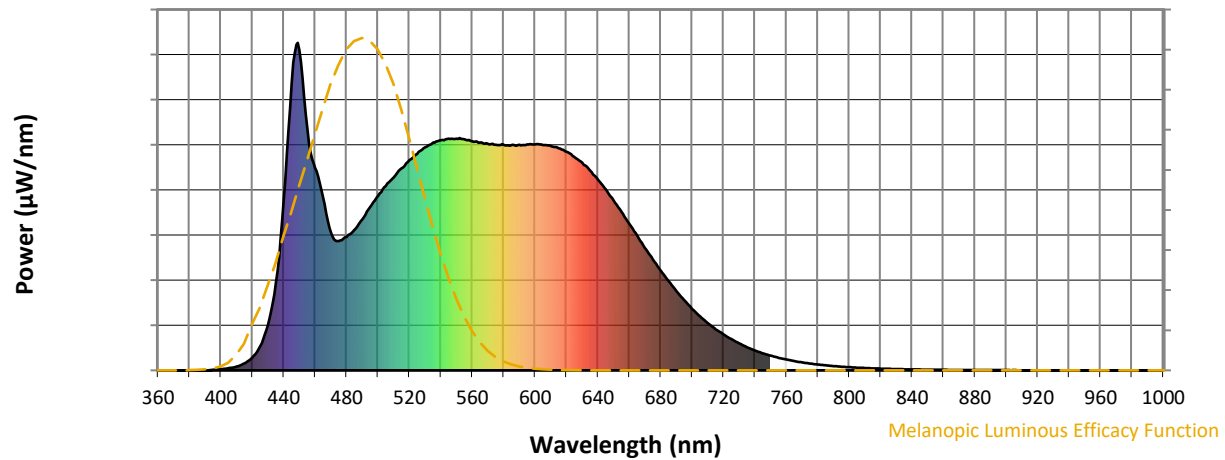
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

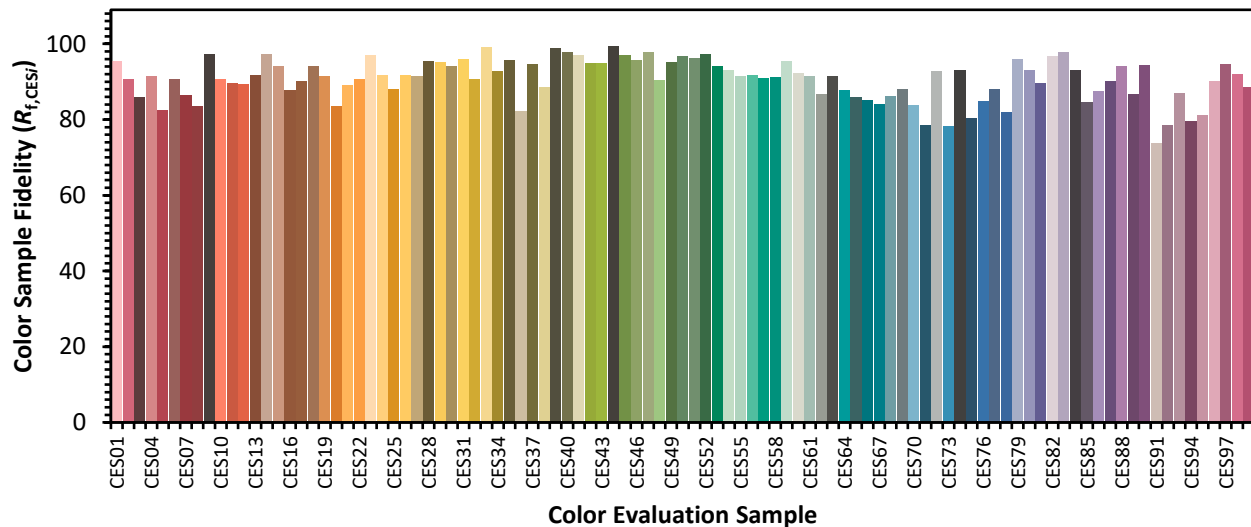


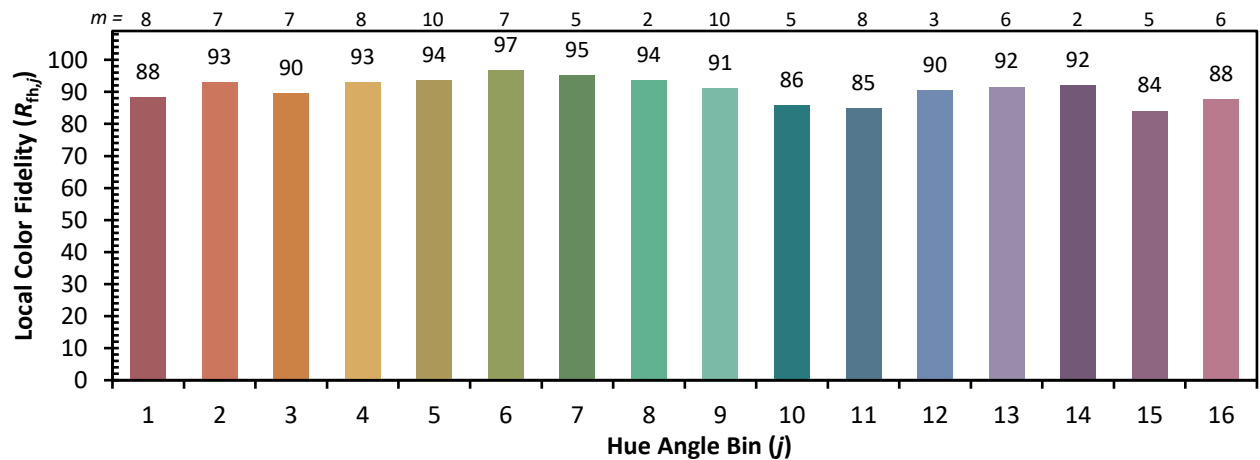
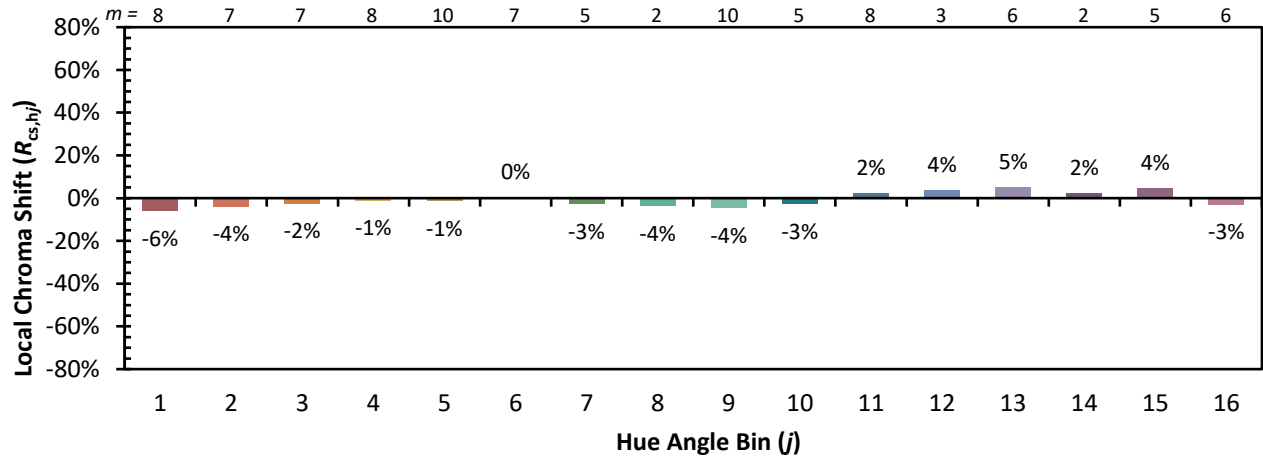
Color Vector Graphics



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

CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)