

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

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Peachtree City, GA 30269

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: STREETWORKS

Report Number: P1457302

Luminaire Tested: GLAN-SB9D-840-U-T4LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457302  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9D-840-U-T4LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 9xLight Square  
PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE  
Light Source: (234) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

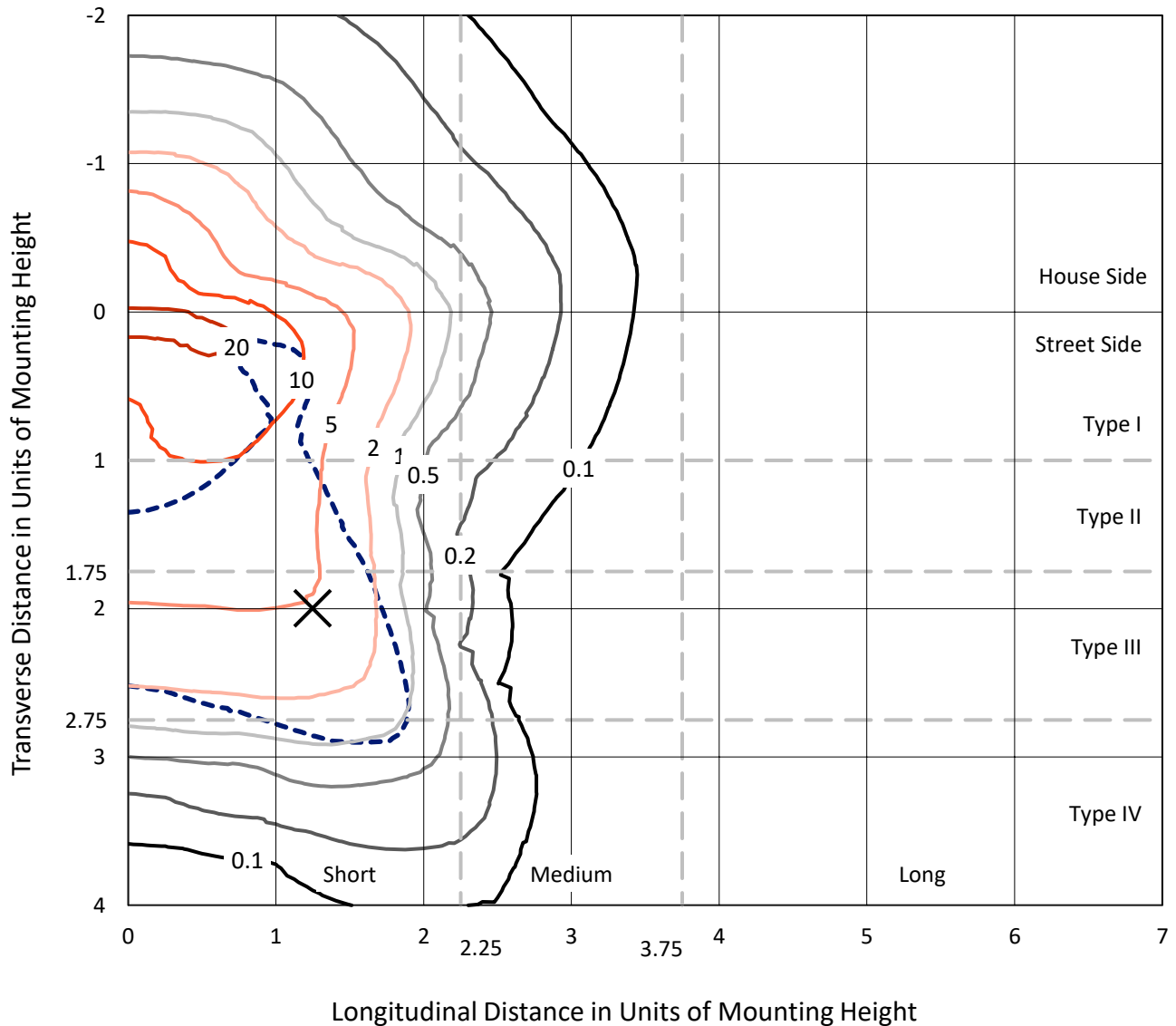
Lumens per Lamp: N/A  
Luminaire Lumens: 86755.4 lumens  
Efficiency: N/A  
Efficacy: 131.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B5 - U0 - G5  
  
Input Watts (W): 658  
Input Voltage (V): 120  
Input Current (Ain): 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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CATALOG NUMBER: GLAN-SB9D-840-U-T4LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

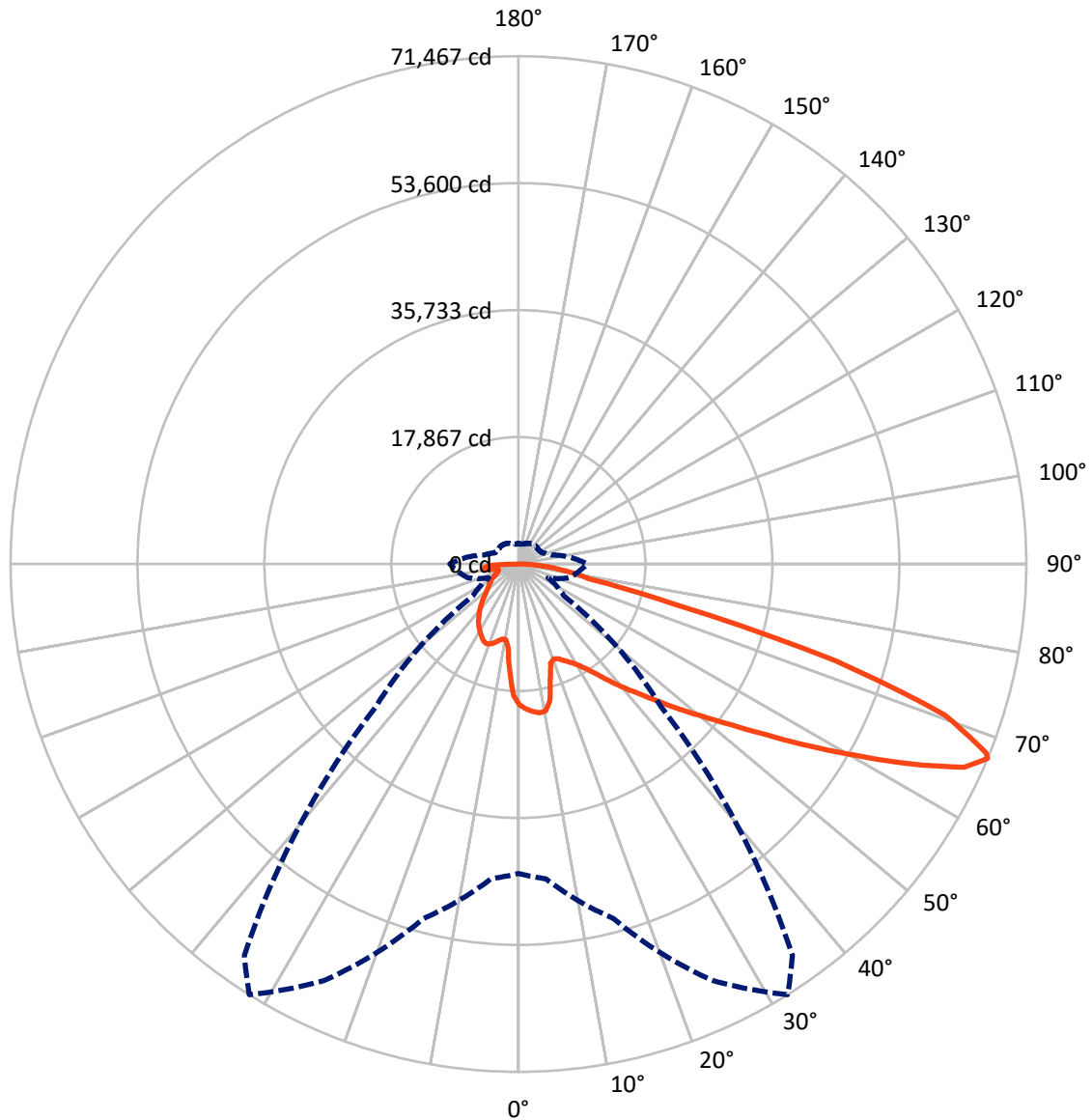


Based on 30 foot mounting height. Maximum calculated value = 23.8 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral      - - - Horizontal Cone Through 67-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	20539.0	0.0	20539.0
	% Fixture	23.7	0.0	23.7
<b>Street Side</b>	Lumens	66216.4	0.0	66216.4
	% Fixture	76.3	0.0	76.3
<b>Total</b>	Lumens	86755.4	0.0	86755.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1732.0	2.0
10°-20°	4598.4	5.3
20°-30°	7509.5	8.7
30°-40°	11068.3	12.8
40°-50°	15263.8	17.6
50°-60°	19282.8	22.2
60°-70°	18662.3	21.5
70°-80°	6660.4	7.7
80°-90°	1977.9	2.3
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°	86755.4	100.0
0°-180°	86755.4	100.0



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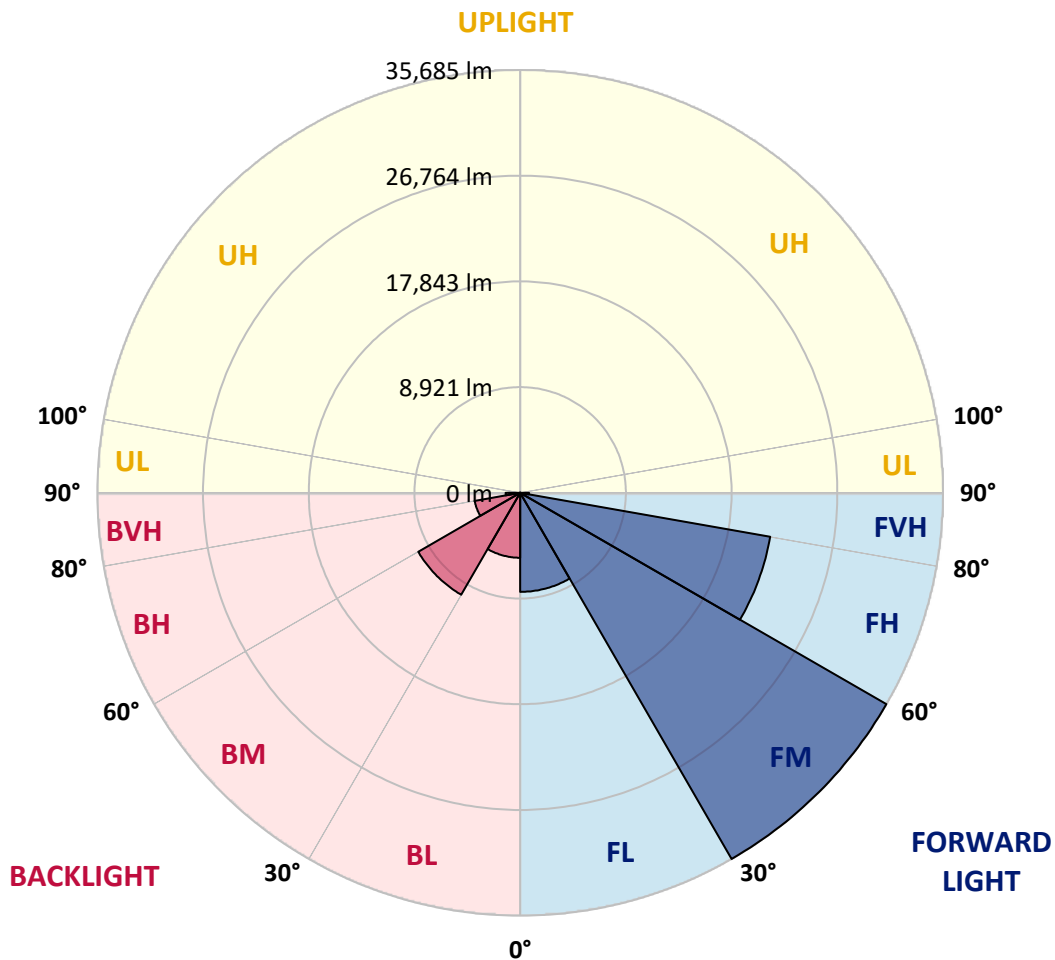
CATALOG NUMBER: GLAN-SB9D-840-U-T4LG

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	8359.1	9.6			
FM	(30°-60°)	35685.2	41.1			
FH	(60°-80°)	21426.8	24.7			G5
FVH	(80°-90°)	745.3	0.9			G4/750
BL	(0°-30°)	5480.9	6.3	B5		
BM	(30°-60°)	9929.7	11.4	B5		
BH	(60°-80°)	3895.9	4.5	B4/5000		G4/5000
BVH	(80°-90°)	1232.6	1.4			G5
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G5**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9
2.5°	20573.1	20515.4	20457.6	20496.1	20419.0	20399.8	20303.5	20264.9	20149.4	20130.1	19918.2
5°	20996.9	20881.4	20862.1	20900.6	20823.6	20823.6	20746.5	20688.7	20515.4	20419.0	20110.8
7.5°	20996.9	20977.7	21016.2	21151.0	21170.3	21170.3	21170.3	21189.6	21016.2	20881.4	20399.8
10°	19802.6	19610.0	20033.8	20708.0	21035.5	21228.1	21574.8	21786.7	21651.9	21555.6	20900.6
12.5°	16238.9	16258.2	16932.4	18377.1	19687.0	20245.7	21690.4	22460.9	22518.7	22364.6	21536.3
15°	13773.2	13869.5	14216.3	15256.5	16759.0	17587.3	21016.2	23058.1	23520.4	23366.3	22306.8
17.5°	13022.0	13079.7	13233.8	13831.0	14678.6	15352.8	19186.2	23443.4	24734.0	24541.4	23173.7
20°	12906.4	12944.9	13137.5	13638.4	14216.3	14601.5	17317.7	23135.2	25870.5	25793.5	23963.5
22.5°	12925.6	12964.2	13214.6	13908.1	14505.2	14832.7	16720.5	22422.4	27064.9	27141.9	24772.5
25°	12964.2	12983.4	13368.7	14293.3	15044.6	15449.1	17105.8	21786.7	28066.5	28721.5	25658.6
27.5°	13176.1	13233.8	13754.0	14794.2	15680.3	16142.6	18011.1	21998.6	29164.6	30513.0	26718.1
30°	13754.0	13792.5	14428.2	15506.9	16470.1	16951.7	19089.9	22846.2	30513.0	32362.2	27758.3
32.5°	14659.3	14697.9	15429.9	16547.1	17587.3	18165.2	20496.1	24464.3	32015.5	34307.8	28798.5
35°	15911.4	15930.7	16759.0	17953.3	19051.3	19706.3	22133.5	26294.3	33575.8	35964.5	29569.1
37.5°	17394.7	17529.6	18377.1	19629.2	20919.9	21517.0	24059.8	28432.5	34962.8	37370.7	30012.1
40°	19436.6	19475.1	20303.5	21517.0	22884.7	23462.6	25986.1	30455.2	36484.6	38199.0	30416.7
42.5°	21536.3	21863.8	22557.3	23905.7	24926.6	25389.0	28182.1	32304.5	37698.2	38237.5	30243.3
45°	24348.7	24599.2	25292.6	26487.0	27507.9	28047.3	30551.5	33999.6	38314.6	37910.1	29858.0
47.5°	27565.7	27719.8	28278.4	29357.2	30493.7	30879.0	33017.2	34962.8	38545.8	37678.9	29684.7
50°	31360.6	31360.6	31765.1	32689.7	33729.9	34269.3	35290.3	35540.7	39220.0	37274.4	30127.7
52.5°	34558.3	34712.4	35251.7	36561.6	37601.9	38218.3	37062.5	36426.8	37852.3	35020.6	30262.6
55°	37621.1	37794.5	39008.1	40645.4	42417.7	43091.9	39277.8	35983.7	33248.4	31726.6	29337.9
57.5°	40549.1	40915.1	42436.9	45634.6	48312.2	48254.4	42090.2	32015.5	27141.9	28085.8	27315.3
60°	44632.9	45018.2	47445.4	51471.4	54746.1	53378.4	42128.7	26641.1	21151.0	22422.4	23520.4
62.5°	48042.5	48697.5	52261.2	58964.8	61969.9	59831.6	38642.1	20399.8	14042.9	15641.8	18184.5
65°	47734.3	48601.2	54129.7	64474.1	68962.4	66978.3	33537.3	12906.4	7243.0	10691.1	12733.0
67°	43534.9	44478.8	51644.8	64666.7	71466.6	67228.7	28317.0	7801.6	4603.9	7416.3	8841.8
67.5°	41127.0	42514.0	50411.9	64300.7	71004.3	66169.2	25966.9	6530.2	4334.2	6896.2	8052.0
70°	25292.6	27527.2	37833.0	56845.8	63645.8	55381.8	14428.2	3698.5	3525.2	4623.2	5567.1
72.5°	7609.0	8283.2	14601.5	36465.3	46713.4	41050.0	6491.7	2851.0	3159.2	3717.8	4295.7
75°	3698.5	3949.0	6029.4	14909.8	22749.9	22634.3	3621.5	2446.4	2928.0	3120.6	3390.3
77.5°	2369.4	2523.5	3756.3	8341.0	10421.4	9284.9	2619.8	2138.2	2600.5	2562.0	2523.5
80°	1483.3	1560.3	2407.9	4835.1	7686.0	6414.7	1926.3	1753.0	2234.5	1984.1	1791.5
82.5°	963.2	1059.5	1541.1	2947.3	5490.0	4777.3	1271.4	1252.1	1849.3	1579.6	1387.0
85°	635.7	712.7	982.4	1733.7	3255.5	3409.6	828.3	866.8	1425.5	1194.3	1059.5
87.5°	231.2	288.9	500.8	770.5	1521.8	1887.8	346.7	327.5	693.5	558.6	443.1
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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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9	19821.9
2.5°	19879.7	19821.9	19552.2	19321.0	19147.7	18916.5	18666.1	18377.1	18184.5	18223.0	18165.2
5°	19976.0	19821.9	19301.8	18512.0	17741.4	16778.3	15545.4	14813.4	14254.8	13965.9	14042.9
7.5°	20187.9	19918.2	18820.2	17221.3	15218.0	13253.1	12039.5	11346.1	11018.6	10883.7	10864.5
10°	20553.9	20091.6	18203.8	15218.0	12598.2	11269.0	10825.9	10633.3	10594.8	10594.8	10575.5
12.5°	20996.9	20264.9	17163.6	13272.4	11346.1	10864.5	10787.4	10806.7	10864.5	10922.3	10825.9
15°	21536.3	20342.0	15872.9	12097.3	11095.6	10980.0	11095.6	11230.5	11326.8	11403.8	11307.5
17.5°	22075.7	20264.9	14659.3	11538.7	11134.2	11288.3	11519.4	11731.3	11789.1	11904.7	11827.6
20°	22460.9	19995.2	13619.1	11326.8	11230.5	11577.2	11866.2	12097.3	12212.9	12289.9	12212.9
22.5°	22749.9	19648.5	12867.8	11114.9	11230.5	11654.3	12001.0	12270.7	12405.5	12482.6	12386.3
25°	23000.3	19166.9	12289.9	10806.7	10999.3	11403.8	11789.1	12058.8	12251.4	12367.0	12309.2
27.5°	23308.5	18781.7	11750.6	10344.4	10517.7	10903.0	11307.5	11635.0	12001.0	12193.6	12155.1
30°	23655.3	18589.0	11230.5	9843.5	9959.1	10344.4	10825.9	11269.0	11769.8	12020.3	12020.3
32.5°	24059.8	18454.2	10748.9	9361.9	9458.3	9882.0	10344.4	10748.9	11288.3	11692.8	11673.5
35°	24233.2	18300.1	10363.6	8918.9	9111.5	9458.3	9824.3	10093.9	10652.6	11134.2	11172.7
37.5°	24406.5	18242.3	10171.0	8572.1	8726.2	8995.9	9188.6	9323.4	9843.5	10344.4	10363.6
40°	24618.4	18512.0	10305.8	8341.0	8206.1	8475.8	8572.1	8649.2	8918.9	9246.4	9246.4
42.5°	24483.6	18704.6	10614.0	8129.1	7570.5	7878.7	7917.2	7897.9	7917.2	7936.5	7917.2
45°	24136.8	18512.0	10614.0	7801.6	6896.2	7223.7	7204.5	7108.1	6954.0	6549.5	6491.7
47.5°	24059.8	18396.4	10209.5	7262.2	6222.0	6491.7	6530.2	6337.6	5894.6	5470.8	5335.9
50°	24387.3	18608.3	9573.8	6607.3	5644.1	5875.3	5971.6	5644.1	5143.3	4700.2	4623.2
52.5°	24868.8	18878.0	8649.2	5894.6	5162.5	5393.7	5509.3	5143.3	4623.2	4276.4	4237.9
55°	24811.1	18878.0	7609.0	5239.6	4796.5	4969.9	5162.5	4777.3	4372.8	4180.1	4160.9
57.5°	23558.9	18165.2	6838.5	4777.3	4449.8	4603.9	4854.3	4488.3	4103.1	4141.6	4199.4
60°	21112.5	16316.0	6260.6	4469.1	4141.6	4295.7	4565.4	4141.6	3640.8	3505.9	3505.9
62.5°	17394.7	13445.7	5798.2	4160.9	3852.6	4045.3	4180.1	3621.5	3294.0	3139.9	3139.9
65°	13041.2	10402.2	5316.7	3910.4	3602.2	3814.1	3660.0	3390.3	3062.9	2947.3	2966.5
67°	9670.1	8071.3	4912.1	3698.5	3448.1	3544.4	3428.9	3236.2	2908.7	2812.4	2908.7
67.5°	8687.7	7666.8	4815.8	3640.8	3409.6	3486.6	3371.1	3217.0	2870.2	2773.9	2870.2
70°	5971.6	5894.6	4295.7	3371.1	3197.7	3120.6	3178.4	2985.8	2696.9	2658.3	2754.6
72.5°	4546.1	4700.2	3852.6	3139.9	2966.5	2870.2	3005.1	2812.4	2523.5	2581.3	2677.6
75°	3563.7	3794.9	3448.1	2812.4	2696.9	2716.1	2985.8	2908.7	2677.6	2735.4	2754.6
77.5°	2639.1	3062.9	2947.3	2446.4	2350.1	2619.8	3371.1	3602.2	3197.7	3101.4	2966.5
80°	1926.3	2196.0	2485.0	2022.6	1964.9	2523.5	4160.9	4603.9	3949.0	3563.7	3467.4
82.5°	1425.5	1541.1	2041.9	1618.1	1425.5	2253.8	4623.2	5413.0	4700.2	3968.2	3852.6
85°	1021.0	1194.3	1618.1	1194.3	943.9	1849.3	4526.9	5297.4	4661.7	3756.3	3660.0
87.5°	366.0	520.1	693.5	539.4	481.6	1271.4	3737.1	3814.1	2908.7	1329.2	1348.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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



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  
 Rf: 81.8  
 Rg: 98.6

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



**Test Conditions**

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

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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



CCT = 3897K  
 CIE x = 0.3882  
 CIE y = 0.3900  
 Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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 <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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 W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /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			

**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)