

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: P1458884

Luminaire Tested: GLAN-SB9B-760-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458884  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9B-760-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 9xLight Square  
PACKAGE 70CRI 5700K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (234) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

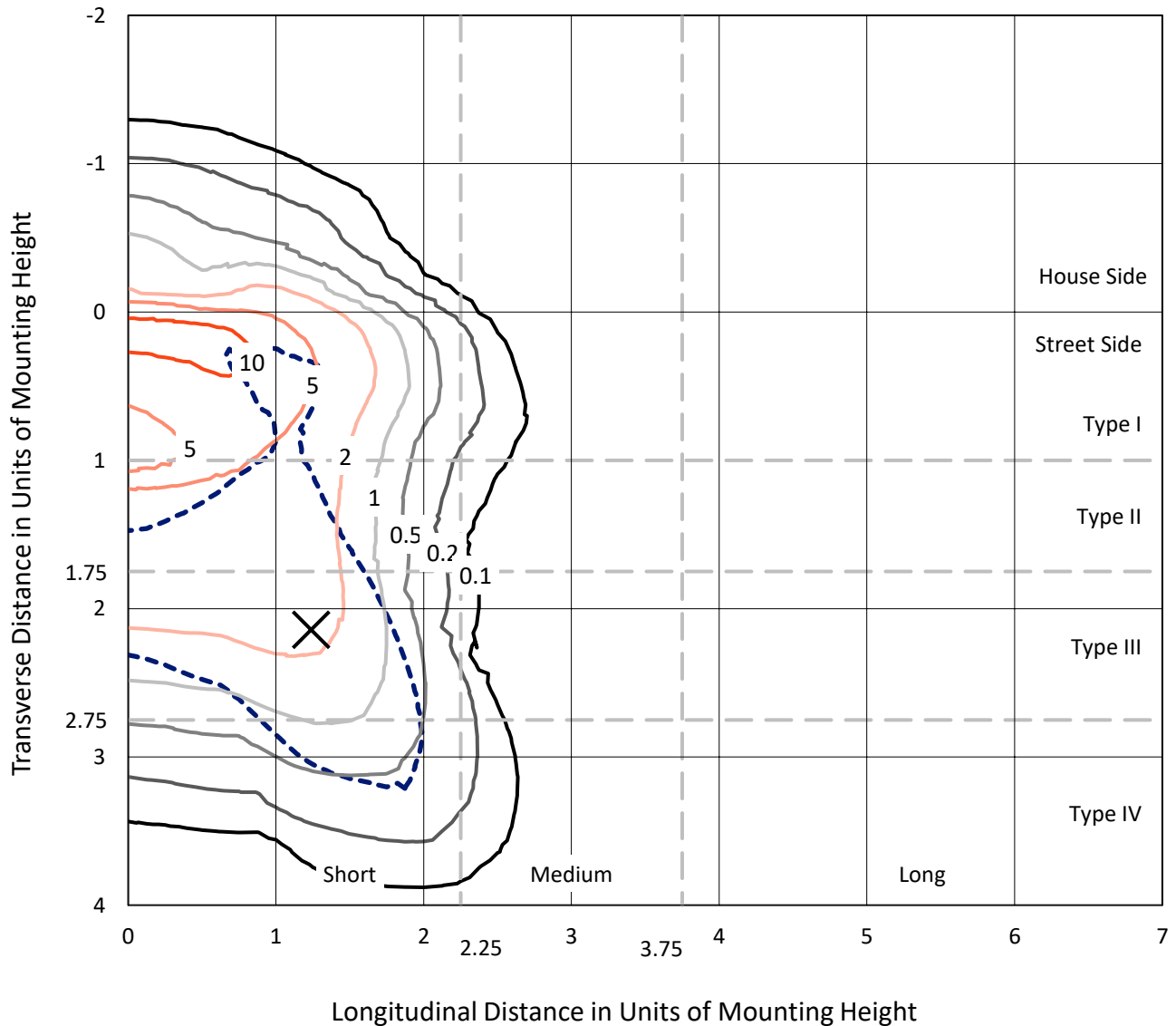
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 39347.5 lumens  
Efficiency: N/A  
Efficacy: 119.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4  
  
Input Watts (W): 329.5  
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

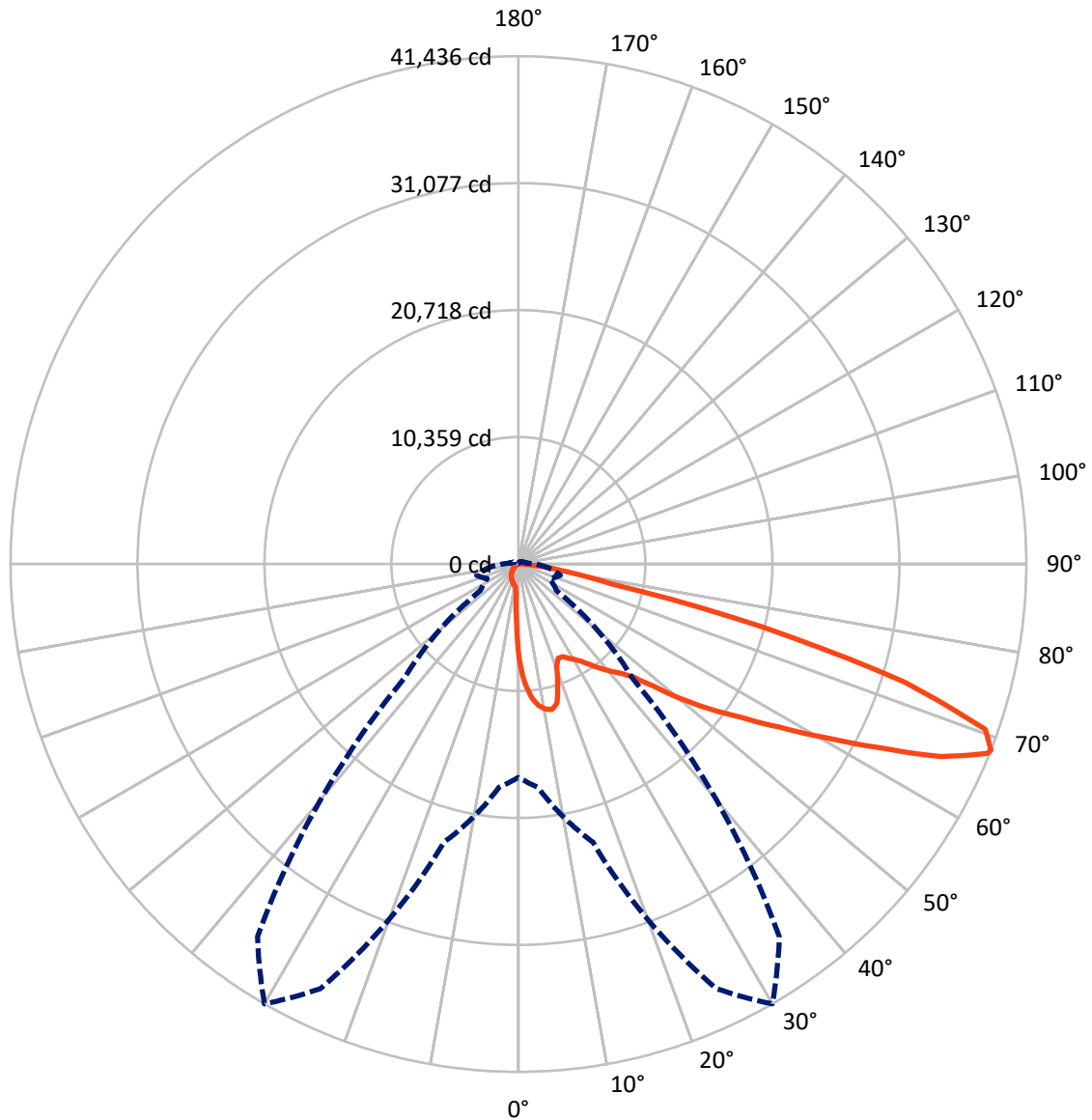
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 13.2 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral    - - - Horizontal Cone Through 68-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3003.2	0.0	3003.2
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	36344.2	0.0	36344.2
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	39347.5	0.0	39347.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	669.5	1.7
10°-20°	1911.4	4.9
20°-30°	3003.7	7.6
30°-40°	4711.0	12.0
40°-50°	7041.6	17.9
50°-60°	9367.6	23.8
60°-70°	9055.5	23.0
70°-80°	3255.1	8.3
80°-90°	332.2	0.8
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°	39347.5	100.0
0°-180°	39347.5	100.0



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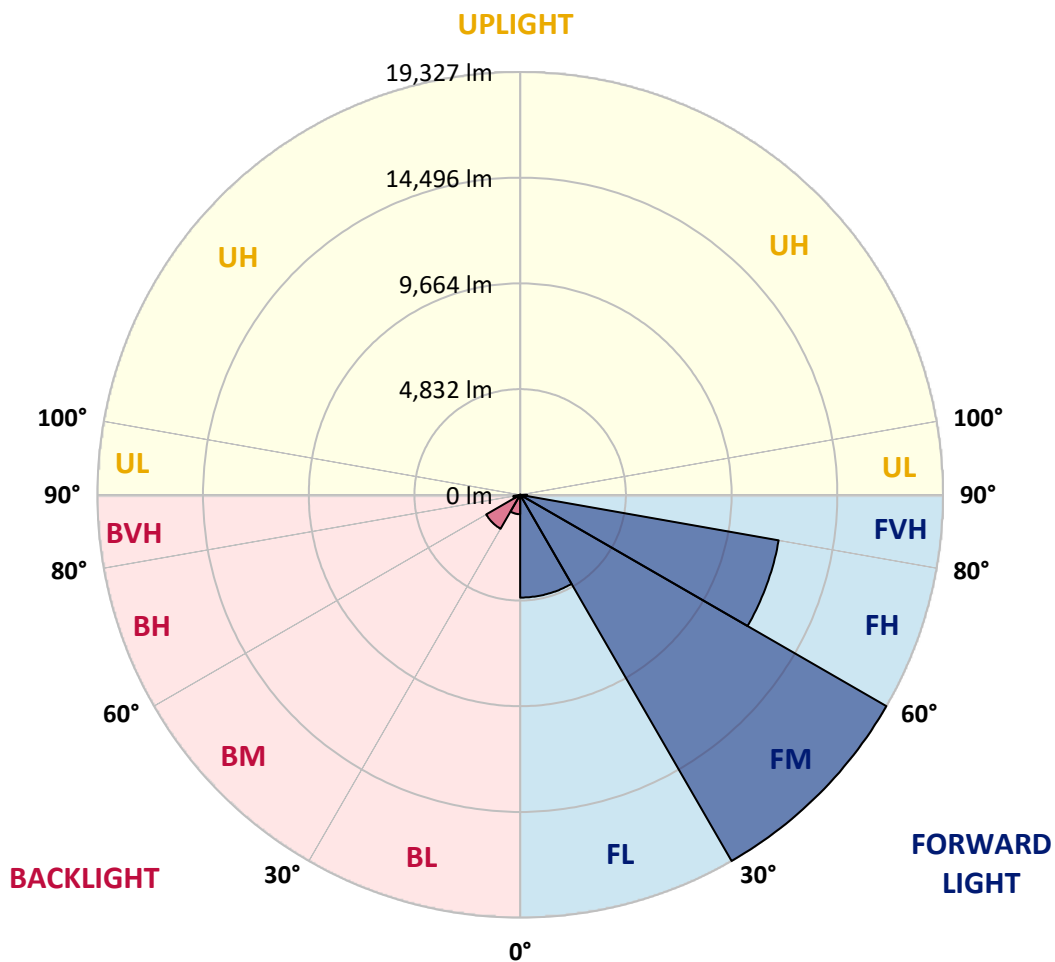
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4698.1	11.9			
FM	(30°-60°)	19327.5	49.1			
FH	(60°-80°)	11998.3	30.5			G4/12000
FVH	(80°-90°)	320.4	0.8			G3/500
BL	(0°-30°)	886.4	2.3	B2/1000		
BM	(30°-60°)	1792.6	4.6	B2/2500		
BH	(60°-80°)	312.4	0.8	B1/500		G1/500
BVH	(80°-90°)	11.8	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G4**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9
2.5°	9916.7	9916.7	9846.0	9751.6	9645.5	9610.1	9409.7	9126.7	8831.9	8489.9	7994.7
5°	11190.2	11178.4	11036.9	11036.9	10895.4	10765.7	10565.3	10152.5	9680.9	9067.7	8206.9
7.5°	11756.2	11779.8	11720.8	11720.8	11638.3	11544.0	11426.0	11025.1	10470.9	9645.5	8419.2
10°	11956.7	11968.5	11968.5	12051.0	12027.4	12015.6	12003.8	11779.8	11202.0	10235.1	8643.2
12.5°	11473.2	11532.2	11697.2	12062.8	12180.7	12310.4	12487.3	12416.5	12015.6	10978.0	8985.2
15°	9916.7	9928.5	10388.4	11296.3	11779.8	12275.0	12958.9	13100.4	12841.0	11779.8	9338.9
17.5°	8183.4	8218.7	8584.3	9598.3	10376.6	11520.4	13230.1	13807.9	13713.6	12569.8	9669.1
20°	7464.1	7511.2	7688.1	8324.9	8914.4	9975.7	12958.9	14480.1	14515.4	13359.9	9975.7
22.5°	7299.0	7334.4	7475.9	7971.1	8336.6	9044.1	12039.2	15010.7	15423.4	14267.8	10341.2
25°	7251.8	7287.2	7499.4	8041.9	8383.8	8973.4	11202.0	15293.7	16496.4	15211.1	10695.0
27.5°	7216.4	7263.6	7605.6	8301.3	8702.2	9268.2	11048.7	15352.6	17522.3	16213.4	11272.7
30°	7263.6	7334.4	7782.4	8572.5	9032.3	9669.1	11414.2	15411.6	18654.3	17357.2	12003.8
32.5°	7452.3	7511.2	8053.6	8938.0	9468.6	10187.9	12039.2	15765.3	19727.3	18524.6	12699.5
35°	7664.5	7747.1	8395.6	9456.8	10093.6	10907.2	12888.2	16461.0	20753.2	19633.0	13418.8
37.5°	7923.9	8018.3	8796.5	10046.4	10777.5	11697.2	13807.9	17427.9	21661.1	20540.9	14138.1
40°	8277.7	8383.8	9256.4	10671.4	11461.4	12381.2	14715.9	18383.1	22356.8	21083.3	14609.8
42.5°	9669.1	9810.6	10176.1	11284.5	12168.9	13112.2	15612.0	19291.0	22616.2	21260.2	14704.1
45°	12263.2	12404.7	12310.4	12522.7	13112.2	13996.6	16590.7	20163.6	22651.6	21213.0	14656.9
47.5°	14869.2	15034.3	14951.7	14833.8	14963.5	15388.0	17687.4	20717.8	22463.0	21189.5	14656.9
50°	17357.2	17262.9	17274.7	17239.3	17357.2	17581.2	18748.6	20823.9	22415.8	21413.5	14786.6
52.5°	18689.6	18736.8	19031.6	19467.9	19727.3	19951.3	19963.1	20989.0	22073.8	21036.2	14633.3
55°	19998.5	20092.8	20776.8	21519.6	22097.4	22521.9	21177.7	20882.9	20033.9	19774.5	13831.5
57.5°	21472.5	21602.2	22569.1	24102.0	25116.1	25340.1	22380.4	18901.9	16956.3	17970.4	12275.0
60°	23500.6	23653.9	24939.2	27238.5	28747.9	28288.0	22474.7	15753.5	13466.0	14916.3	10129.0
62.5°	25092.5	25399.1	27722.0	31306.6	32969.2	31507.1	20717.8	12074.6	9409.7	10482.7	7393.3
65°	23394.5	23984.1	27769.2	35964.3	37886.3	35292.2	17958.6	8242.3	5306.2	6780.2	4728.4
67.5°	18913.7	19739.1	24656.2	38228.3	41258.7	37285.0	14138.1	4374.7	3042.2	3938.4	2488.0
68°	17404.4	18300.5	23512.4	38228.3	41435.6	37108.1	13124.0	3785.1	2806.4	3537.5	2157.9
70°	12027.4	12664.2	18076.5	36082.2	40397.9	33830.0	8643.2	2169.7	2110.7	2429.1	1426.8
72.5°	5895.8	6579.7	9669.1	28594.6	32910.3	26000.4	3938.4	1438.6	1603.7	1780.5	1120.2
75°	2346.5	2488.0	3808.7	14102.7	20564.5	16590.7	2063.5	1084.8	1379.6	1391.4	884.4
77.5°	1344.2	1426.8	2110.7	5188.3	7711.7	7416.9	1332.4	778.2	1096.6	1002.3	577.8
80°	754.7	766.5	1190.9	2735.6	4410.0	3950.2	908.0	566.0	837.2	707.5	389.1
82.5°	377.3	424.5	754.7	1509.3	2452.6	2511.6	483.5	400.9	672.1	507.0	318.4
85°	271.2	294.8	542.4	837.2	1132.0	1698.0	294.8	200.5	507.0	342.0	224.0
87.5°	141.5	176.9	342.0	412.7	459.9	577.8	141.5	94.3	283.0	200.5	117.9
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°	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9	7758.9
2.5°	7758.9	7487.7	6933.4	6284.9	5777.9	5259.0	4834.5	4433.6	4245.0	4221.4	4268.6
5°	7723.5	7133.9	5872.2	4634.1	3620.0	2912.5	2523.4	2322.9	2216.8	2169.7	2181.4
7.5°	7652.7	6756.6	4740.2	3136.6	2346.5	2039.9	1945.6	1910.2	1898.4	1898.4	1898.4
10°	7582.0	6249.5	3631.8	2299.4	1922.0	1839.5	1815.9	1815.9	1804.1	1804.1	1815.9
12.5°	7546.6	5777.9	2818.2	1922.0	1792.3	1756.9	1733.4	1721.6	1721.6	1721.6	1733.4
15°	7464.1	5259.0	2275.8	1780.5	1709.8	1662.6	1650.8	1639.0	1639.0	1639.0	1639.0
17.5°	7393.3	4752.0	1981.0	1686.2	1627.2	1580.1	1568.3	1556.5	1556.5	1568.3	1568.3
20°	7287.2	4268.6	1780.5	1591.9	1544.7	1497.5	1485.7	1473.9	1485.7	1485.7	1485.7
22.5°	7157.5	3867.6	1662.6	1521.1	1462.2	1415.0	1415.0	1415.0	1415.0	1415.0	1426.8
25°	7074.9	3584.6	1580.1	1438.6	1379.6	1344.2	1332.4	1332.4	1356.0	1356.0	1367.8
27.5°	7204.7	3513.9	1591.9	1415.0	1308.9	1273.5	1261.7	1261.7	1285.3	1297.1	1308.9
30°	7593.8	3643.6	1733.4	1485.7	1261.7	1202.7	1190.9	1190.9	1226.3	1238.1	1249.9
32.5°	8041.9	3914.8	1945.6	1580.1	1226.3	1132.0	1108.4	1108.4	1143.8	1155.6	1167.4
35°	8655.0	4339.3	2228.6	1662.6	1249.9	1061.2	1014.1	1014.1	1037.7	1061.2	1073.0
37.5°	9445.1	5035.0	2558.8	1721.6	1249.9	978.7	919.7	908.0	931.5	931.5	943.3
40°	10270.5	5943.0	2900.7	1721.6	1190.9	896.2	837.2	801.8	813.6	801.8	813.6
42.5°	10730.3	6674.0	3195.5	1615.4	1120.2	813.6	754.7	707.5	695.7	672.1	683.9
45°	10989.7	7004.2	3113.0	1497.5	1049.5	754.7	683.9	625.0	601.4	566.0	566.0
47.5°	10989.7	7039.6	2664.9	1403.2	978.7	707.5	613.2	554.2	518.8	483.5	495.2
50°	10860.0	6721.2	2110.7	1308.9	896.2	660.3	554.2	507.0	459.9	436.3	436.3
52.5°	10317.6	5683.5	1615.4	1190.9	801.8	601.4	495.2	448.1	400.9	389.1	389.1
55°	9386.1	4174.2	1308.9	1073.0	719.3	554.2	448.1	412.7	365.5	342.0	342.0
57.5°	7629.1	2853.6	1084.8	966.9	636.7	495.2	400.9	365.5	306.6	283.0	283.0
60°	5660.0	1863.1	919.7	849.0	542.4	448.1	353.7	306.6	259.4	235.8	224.0
62.5°	3820.5	1261.7	766.5	672.1	459.9	389.1	306.6	259.4	200.5	153.3	153.3
65°	2381.9	978.7	636.7	530.6	400.9	342.0	259.4	200.5	141.5	106.1	94.3
67.5°	1367.8	790.0	518.8	412.7	342.0	271.2	200.5	165.1	117.9	82.5	70.7
68°	1261.7	754.7	483.5	389.1	318.4	259.4	188.7	153.3	106.1	70.7	70.7
70°	1025.9	672.1	412.7	318.4	271.2	212.2	165.1	129.7	82.5	47.2	47.2
72.5°	908.0	566.0	353.7	247.6	188.7	176.9	129.7	94.3	59.0	35.4	23.6
75°	742.9	448.1	283.0	188.7	129.7	129.7	94.3	59.0	23.6	0.0	0.0
77.5°	483.5	330.2	224.0	117.9	70.7	82.5	59.0	23.6	0.0	0.0	0.0
80°	318.4	247.6	153.3	59.0	35.4	35.4	11.8	0.0	0.0	0.0	0.0
82.5°	224.0	165.1	94.3	23.6	11.8	11.8	0.0	0.0	0.0	0.0	0.0
85°	141.5	70.7	35.4	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	59.0	23.6	11.8	0.0	0.0	0.0	0.0	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

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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-7  
 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-757-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 5571  
 CIE u': 0.2033  
 CIE v': 0.4806  
 Duv: 0.0041  
 CIE x: 0.3308  
 CIE y: 0.3476  
 CIE z: 0.3216  
 Peak Wavelength (nm): 442  
 Dominant Wavelength (nm): 544  
 Purity: 3.635698  
 Rf: 70.4  
 Rg: 97.1

CRI (Ra):	69.9		
R1:	68.8	R9:	-35.4
R2:	72.5	R10:	36.7
R3:	76.8	R11:	73.9
R4:	72.0	R12:	47.8
R5:	70.9	R13:	68.0
R6:	65.6	R14:	87.0
R7:	75.5	R15:	59.8
R8:	56.8		



**Test Conditions**

Stabilization Time: 20M  
 Operation Time: 1H 20M  
 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**



Point lies inside the ANSI 5700K 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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.84**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.71**

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

**Summary**

$R_f = 70.4$   
 $R_g = 97.1$   
 CIE  $R_a = 69.9$   
 $R_g = -35.4$



**Color Vector Graphics**



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

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)