

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: P1457732

Luminaire Tested: GLAN-SB9B-760-U-T2LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457732  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9B-760-U-T2LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 9xLight Square  
PACKAGE 70CRI 5700K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (234) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

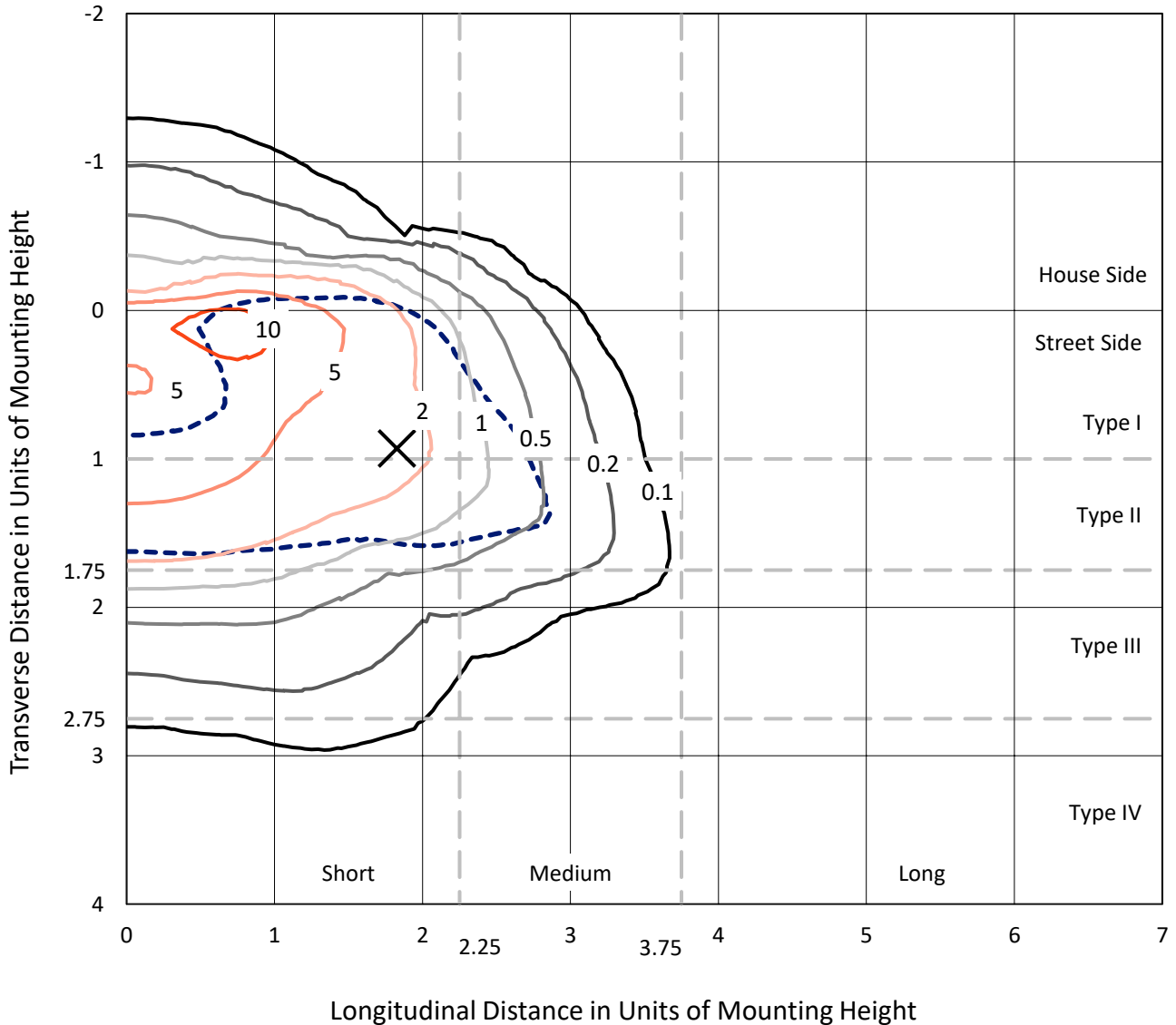
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 39305.1 lumens  
Efficiency: N/A  
Efficacy: 119.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - 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

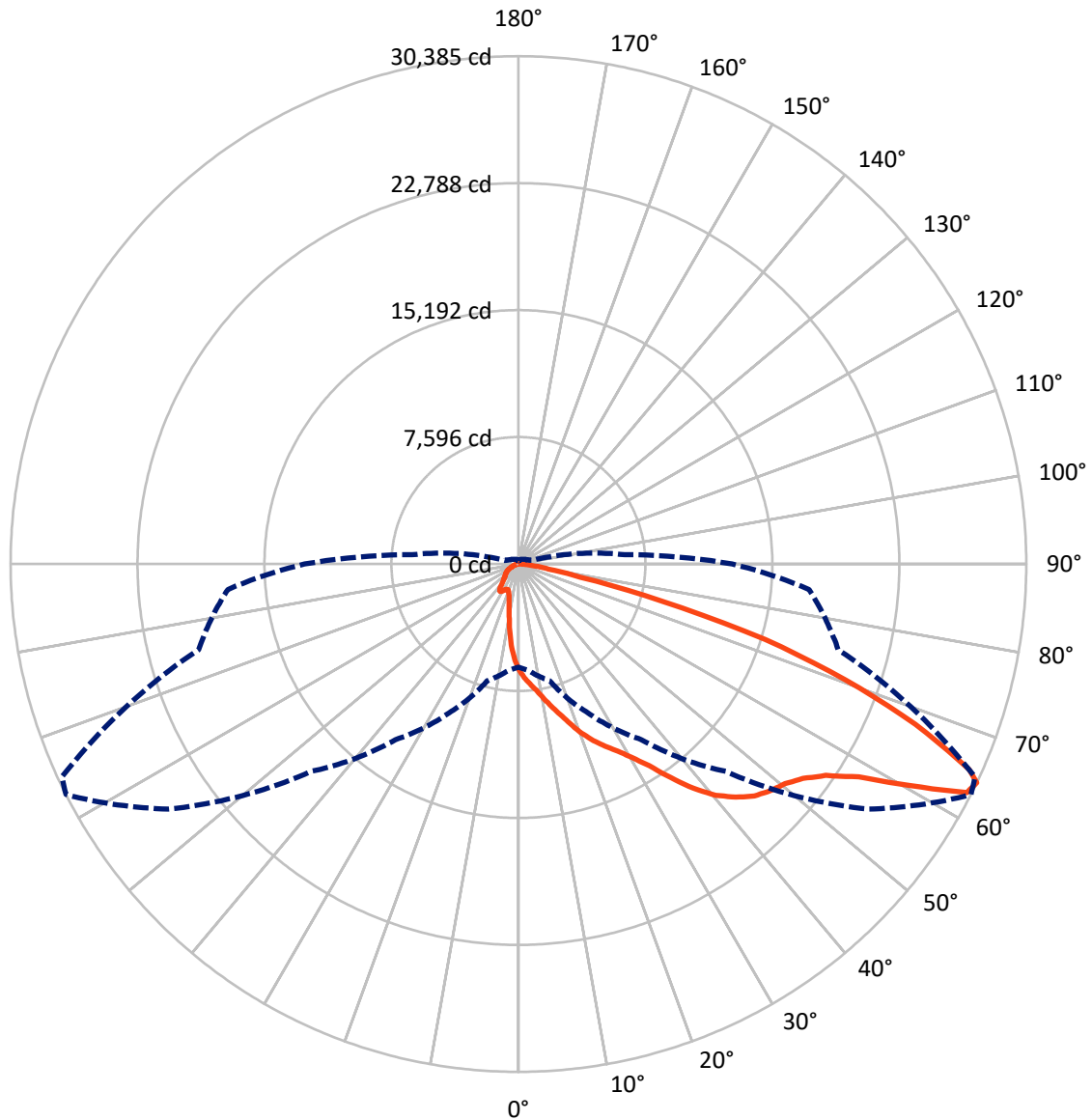
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 12.5 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 63-Deg Lateral      - - - Horizontal Cone Through 64-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4664.3	0.0	4664.3
	% Fixture	11.9	0.0	11.9
<b>Street Side</b>	Lumens	34640.9	0.0	34640.9
	% Fixture	88.1	0.0	88.1
<b>Total</b>	Lumens	39305.1	0.0	39305.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	535.2	1.4
10°-20°	1503.9	3.8
20°-30°	2678.5	6.8
30°-40°	5115.8	13.0
40°-50°	8479.9	21.6
50°-60°	10570.1	26.9
60°-70°	7881.8	20.1
70°-80°	2260.5	5.8
80°-90°	279.5	0.7
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°	39305.1	100.0
0°-180°	39305.1	100.0



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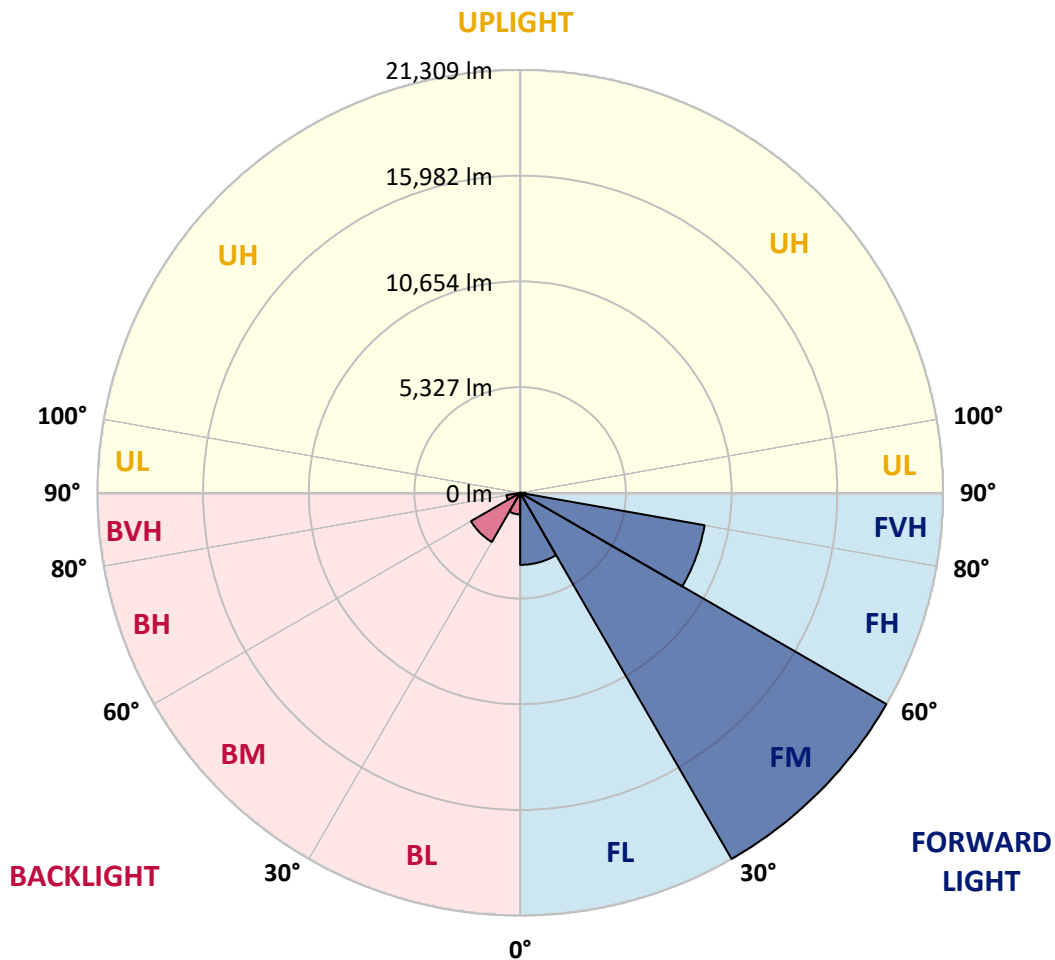
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3629.3	9.2			
FM (30°-60°)	21308.9	54.2			
FH (60°-80°)	9436.8	24.0			G4/12000
FVH (80°-90°)	265.8	0.7			G3/500
BL (0°-30°)	1088.2	2.8	B3/2500		
BM (30°-60°)	2856.9	7.3	B3/5000		
BH (60°-80°)	705.4	1.8	B2/1000		G2/1000
BVH (80°-90°)	13.8	0.0			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2
2.5°	7121.6	7098.0	7074.4	7039.0	6991.9	6944.7	6885.7	6803.2	6767.8	6649.9	6508.4
5°	7487.1	7487.1	7475.3	7451.7	7428.1	7381.0	7310.2	7204.1	7156.9	6991.9	6744.3
7.5°	7581.4	7593.2	7628.6	7675.7	7746.5	7734.7	7734.7	7616.8	7593.2	7416.3	7086.2
10°	7416.3	7428.1	7522.4	7652.1	7864.4	8064.8	8206.3	8135.6	8100.2	7923.3	7510.7
12.5°	7180.5	7180.5	7333.8	7534.2	7864.4	8241.7	8654.3	8725.1	8736.9	8536.4	8041.2
15°	6567.4	6591.0	6838.6	7239.5	7781.8	8371.4	9067.0	9338.2	9408.9	9279.3	8689.7
17.5°	5753.8	5777.4	6025.0	6567.4	7381.0	8371.4	9420.7	10045.6	10140.0	10163.6	9515.1
20°	5411.9	5411.9	5553.4	5966.1	6815.0	8147.3	9633.0	10800.2	11012.5	11271.9	10422.9
22.5°	5459.1	5459.1	5541.6	5777.4	6461.3	7840.8	9762.7	11472.3	11908.6	12568.8	11590.2
25°	5718.5	5718.5	5789.2	5942.5	6496.7	7793.6	10010.3	12073.6	12769.3	14019.1	12922.6
27.5°	6131.1	6119.4	6178.3	6331.6	6838.6	8017.7	10422.9	12675.0	13453.1	15646.2	14455.4
30°	6732.5	6697.1	6720.7	6897.5	7392.7	8536.4	11024.3	13441.4	14231.3	17426.6	16153.2
32.5°	8123.8	8112.0	7770.0	7675.7	8206.3	9373.6	11849.6	14396.4	15280.7	19313.1	17898.2
35°	10635.2	10800.2	10316.8	9078.8	9184.9	10493.7	13028.7	15693.4	16506.9	21317.5	19796.5
37.5°	13182.0	13182.0	12981.5	11519.5	10776.7	11731.7	14302.1	17025.7	17874.6	22932.8	21624.1
40°	15198.2	15304.3	15068.5	13971.9	13005.1	13146.6	15575.5	18193.0	18971.2	23923.3	22921.0
42.5°	16695.6	16672.0	16577.7	15858.4	15316.1	14997.7	16731.0	19065.5	19808.3	24430.3	23734.6
45°	18310.9	18310.9	18181.2	17591.7	17143.6	16872.4	17591.7	19796.5	20574.7	24736.8	24241.6
47.5°	19997.0	19973.4	19843.7	19195.2	18711.8	18310.9	18464.2	20268.1	21046.3	24536.4	24324.1
50°	20409.6	20386.1	20680.8	20704.4	20268.1	19501.8	19159.8	20669.0	21352.9	24548.2	24583.5
52.5°	19926.2	20067.7	20504.0	21034.5	21529.8	20728.0	19902.6	21305.7	22013.2	24878.3	25232.0
55°	18723.6	18782.5	19619.7	20468.6	21624.1	21907.1	21093.5	22319.7	22944.6	25196.6	25809.8
57.5°	16483.3	16707.4	17603.5	19077.3	20834.1	22013.2	23168.7	24017.6	24489.2	25326.3	25491.4
60°	12439.1	12557.1	14502.5	16412.6	19195.2	21164.2	25102.3	26894.5	26835.5	23864.3	23263.0
62.5°	7569.6	7675.7	9067.0	12097.2	15599.0	19395.6	25750.8	30113.4	29795.0	21400.1	19584.3
64°	6166.5	6367.0	7227.7	9821.6	12828.2	17544.5	25562.2	30384.5	30136.9	19808.3	17450.2
65°	5270.4	5541.6	6425.9	8524.6	10906.4	15551.9	25043.4	29629.9	29464.9	18841.5	15681.6
67.5°	3313.2	3442.9	4751.6	6626.4	7510.7	9951.3	21529.8	25621.1	25915.9	16789.9	11566.6
70°	2464.2	2523.2	3266.0	5128.9	5860.0	5789.2	14785.5	20751.6	20822.3	13429.6	6980.1
72.5°	1792.2	1804.0	2287.4	3796.6	4586.6	3949.9	7793.6	15422.2	14915.2	7864.4	3808.4
75°	1190.9	1238.0	1603.5	2676.5	3572.6	2900.5	3549.0	8784.0	8630.8	3843.8	2181.3
77.5°	872.5	884.3	1084.7	1792.2	2806.2	2134.1	2145.9	3784.8	3902.7	2287.4	1379.5
80°	495.2	518.8	707.4	1096.5	1827.6	1462.0	1202.6	1827.6	2098.7	1556.4	919.7
82.5°	294.8	318.3	507.0	719.2	1249.8	601.3	613.1	1002.2	1249.8	1120.1	495.2
85°	176.9	188.7	318.3	389.1	742.8	400.9	224.0	495.2	648.5	660.3	271.2
87.5°	117.9	117.9	176.9	165.1	212.2	188.7	94.3	129.7	165.1	224.0	106.1
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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CATALOG NUMBER: GLAN-SB9B-760-U-T2LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2	6355.2
2.5°	6390.5	6319.8	6107.6	5824.6	5565.2	5364.8	5117.1	4952.1	4798.8	4798.8	4669.1
5°	6543.8	6355.2	5836.4	5187.9	4492.2	3832.0	3407.5	2935.9	2782.6	2652.9	2676.5
7.5°	6803.2	6461.3	5541.6	4374.3	3266.0	2558.6	2086.9	1874.7	1780.4	1721.4	1733.2
10°	7121.6	6649.9	5187.9	3549.0	2405.3	1874.7	1650.7	1568.2	1532.8	1521.0	1521.0
12.5°	7557.8	6874.0	4834.2	2853.3	1898.3	1615.3	1497.4	1450.3	1414.9	1391.3	1391.3
15°	8076.6	7156.9	4421.5	2346.3	1662.5	1485.6	1391.3	1344.1	1297.0	1285.2	1285.2
17.5°	8736.9	7451.7	4056.0	2016.2	1544.6	1391.3	1297.0	1238.0	1202.6	1190.9	1190.9
20°	9467.9	7817.2	3690.5	1827.6	1462.0	1297.0	1202.6	1155.5	1120.1	1096.5	1108.3
22.5°	10399.4	8277.0	3454.7	1733.2	1391.3	1214.4	1120.1	1073.0	1037.6	1014.0	1025.8
25°	11425.2	8854.8	3325.0	1733.2	1344.1	1155.5	1049.4	1002.2	966.8	943.3	943.3
27.5°	12675.0	9503.3	3336.8	1804.0	1332.3	1108.3	990.4	943.3	907.9	872.5	872.5
30°	14054.5	10269.7	3466.5	1933.7	1355.9	1061.2	943.3	872.5	848.9	813.6	813.6
32.5°	15516.5	11154.0	3796.6	2098.7	1332.3	1002.2	872.5	813.6	778.2	754.6	754.6
35°	17061.1	12156.2	4209.3	2169.5	1214.4	919.7	813.6	754.6	731.0	719.2	707.4
37.5°	18534.9	13028.7	4433.3	2028.0	1061.2	848.9	742.8	683.9	672.1	648.5	648.5
40°	19678.6	13747.9	4303.6	1733.2	978.6	778.2	683.9	624.9	601.3	577.7	577.7
42.5°	20350.7	14007.3	3832.0	1473.8	919.7	707.4	624.9	566.0	542.4	530.6	530.6
45°	20739.8	13971.9	3277.8	1320.6	860.7	648.5	566.0	530.6	495.2	483.4	471.6
47.5°	20728.0	13606.4	2876.9	1190.9	801.8	601.3	530.6	495.2	459.8	448.0	448.0
50°	20645.5	13064.1	2428.9	1096.5	754.6	566.0	495.2	471.6	436.3	424.5	412.7
52.5°	20845.9	12757.5	2028.0	1037.6	695.6	542.4	483.4	448.0	400.9	389.1	389.1
55°	21093.5	12580.6	1627.1	978.6	648.5	530.6	459.8	424.5	377.3	365.5	365.5
57.5°	20374.3	11908.6	1344.1	884.3	589.5	507.0	436.3	412.7	365.5	330.1	330.1
60°	18110.5	9845.2	1108.3	778.2	542.4	471.6	412.7	377.3	330.1	283.0	283.0
62.5°	14726.5	7510.7	919.7	660.3	507.0	436.3	377.3	341.9	283.0	224.0	224.0
64°	12792.9	6378.7	825.3	577.7	483.4	400.9	341.9	306.6	247.6	188.7	176.9
65°	11472.3	5635.9	766.4	542.4	471.6	377.3	330.1	294.8	224.0	176.9	165.1
67.5°	8076.6	3784.8	613.1	448.0	412.7	318.3	283.0	247.6	200.4	153.3	141.5
70°	4704.5	2145.9	483.4	377.3	318.3	247.6	235.8	224.0	176.9	117.9	117.9
72.5°	2558.6	1073.0	365.5	306.6	247.6	176.9	200.4	176.9	141.5	94.3	82.5
75°	1568.2	660.3	271.2	224.0	165.1	129.7	153.3	129.7	82.5	59.0	47.2
77.5°	1049.4	424.5	200.4	153.3	106.1	82.5	106.1	70.7	35.4	11.8	11.8
80°	648.5	294.8	129.7	94.3	59.0	35.4	23.6	11.8	11.8	0.0	0.0
82.5°	283.0	188.7	70.7	47.2	23.6	11.8	11.8	0.0	0.0	0.0	0.0
85°	153.3	59.0	23.6	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	47.2	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)