

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: P1456326

Luminaire Tested: GLAN-SB8D-940-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456326  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8D-940-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 8xLight Square  
PACKAGE 90CRI 4000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (208) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 57690.1 lumens  
Efficiency: N/A  
Efficacy: 98.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B4 - U0 - G4

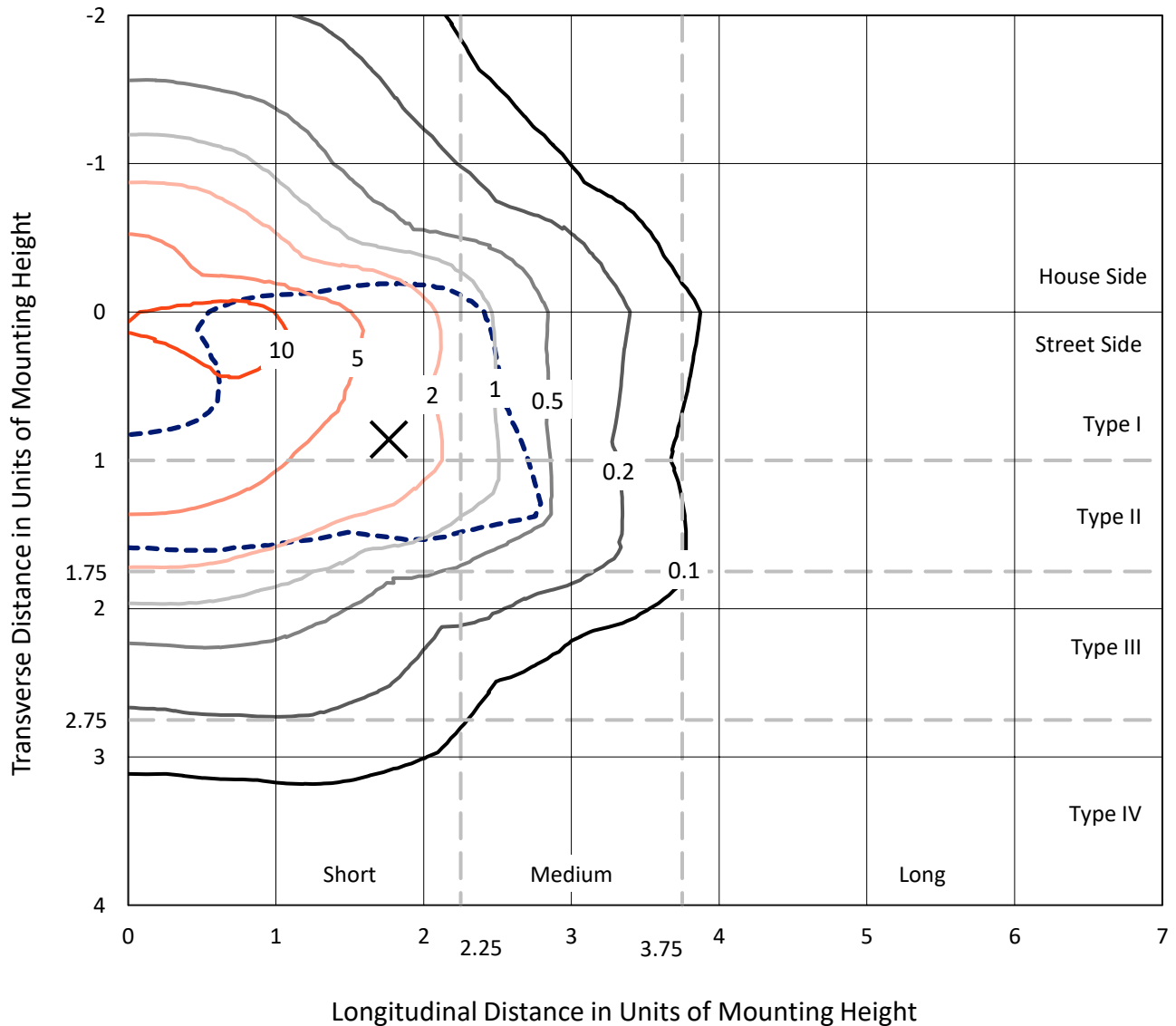
Input Watts (W): 584.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.97  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT

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### Iso-Footcandle Lines of Horizontal Illumination

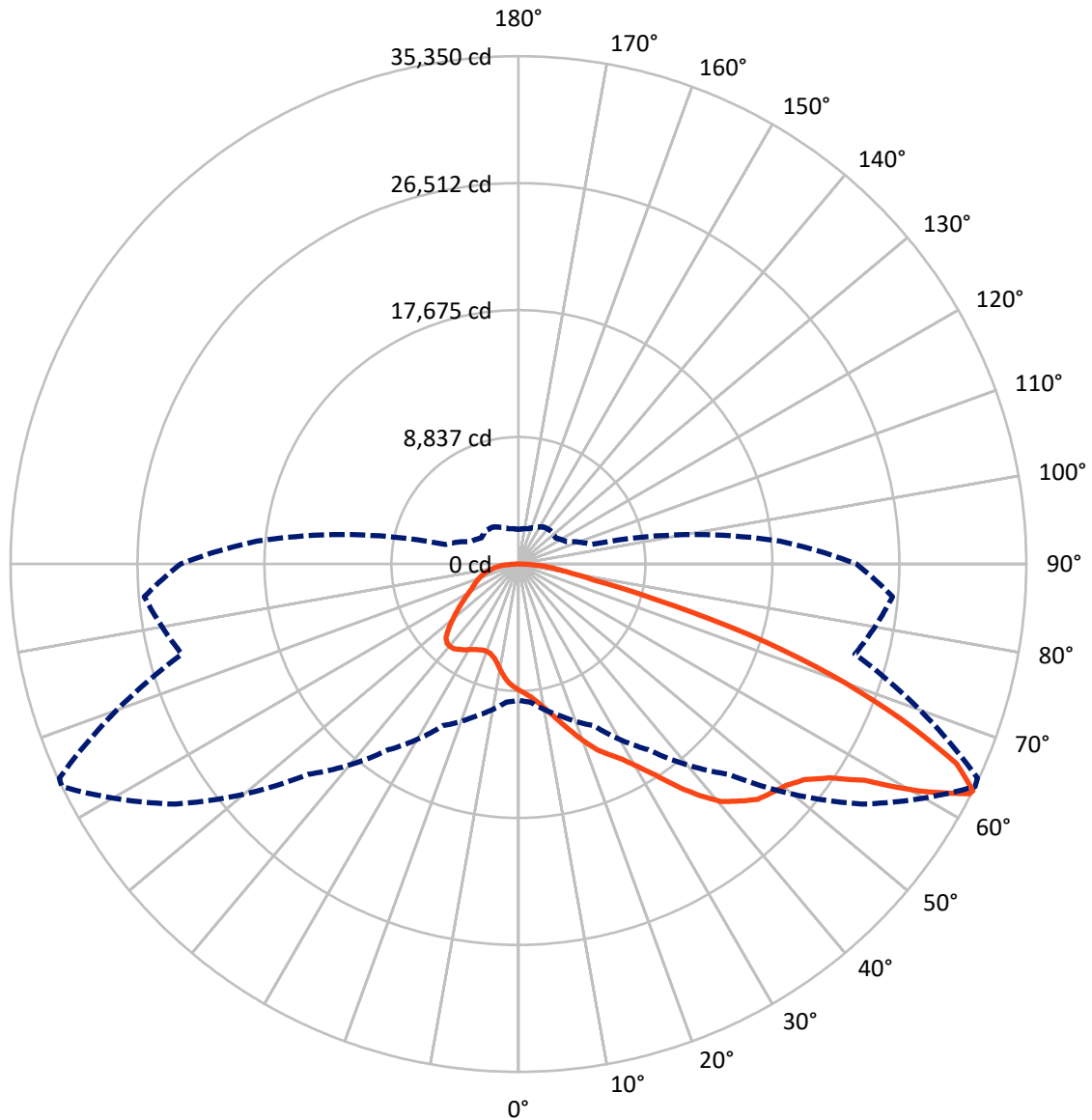
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 15.1 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



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

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	15499.7	0.0	15499.7
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	42190.4	0.0	42190.4
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	57690.1	0.0	57690.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	806.6	1.4
10°-20°	2483.3	4.3
20°-30°	4541.0	7.9
30°-40°	7811.3	13.5
40°-50°	11519.5	20.0
50°-60°	13806.9	23.9
60°-70°	11081.4	19.2
70°-80°	4452.8	7.7
80°-90°	1187.3	2.1
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°	57690.1	100.0
0°-180°	57690.1	100.0



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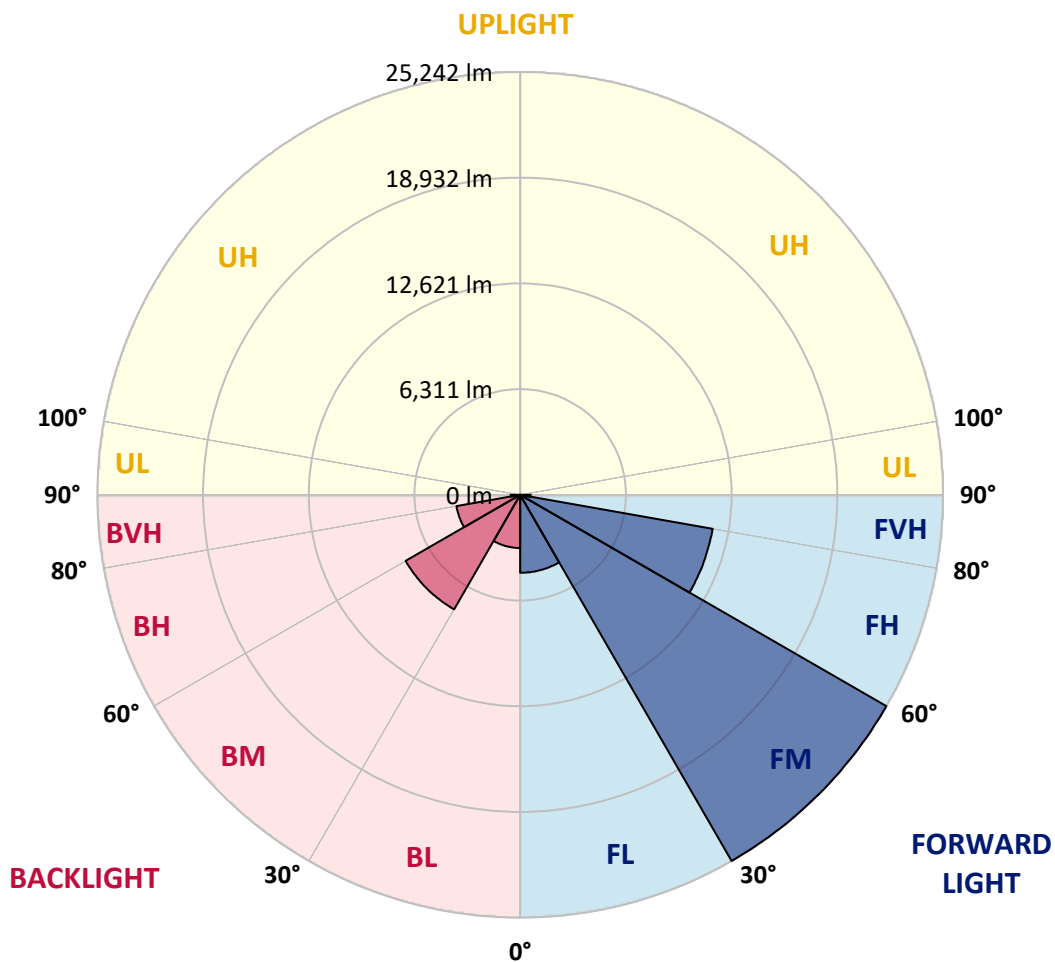
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4654.5	8.1			
FM	(30°-60°)	25242.5	43.8			
FH	(60°-80°)	11669.6	20.2			G4/12000
FVH	(80°-90°)	623.8	1.1			G4/750
BL	(0°-30°)	3176.4	5.5	B4/5000		
BM	(30°-60°)	7895.2	13.7	B4/8500		
BH	(60°-80°)	3864.6	6.7	B4/5000		G4/5000
BVH	(80°-90°)	563.5	1.0			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G4**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5
2.5°	9148.4	9161.3	9122.5	9109.5	9135.4	9083.6	9070.6	9018.8	8992.9	8941.0	8876.2
5°	9407.5	9420.5	9394.6	9394.6	9420.5	9381.6	9368.7	9316.8	9290.9	9239.1	9109.5
7.5°	9394.6	9407.5	9433.4	9537.1	9666.7	9718.5	9757.4	9718.5	9705.6	9627.8	9498.2
10°	9187.2	9200.2	9265.0	9420.5	9744.4	9977.7	10223.9	10223.9	10249.8	10185.0	9951.8
12.5°	8902.2	8915.1	9070.6	9316.8	9744.4	10146.1	10651.5	10858.8	10845.9	10807.0	10534.9
15°	8215.4	8215.4	8448.6	8915.1	9601.9	10262.8	11014.3	11571.5	11584.5	11623.3	11299.4
17.5°	7632.3	7645.2	7839.6	8254.3	9148.4	10198.0	11403.1	12362.0	12400.8	12621.1	12154.6
20°	7684.1	7684.1	7748.9	7930.3	8656.0	9938.8	11623.3	13204.2	13333.8	13852.1	13269.0
22.5°	8085.8	8085.8	8137.6	8124.7	8565.3	9770.4	11765.9	14046.5	14279.7	15355.3	14603.7
25°	8824.4	8811.5	8759.6	8681.9	8941.0	9951.8	12089.8	14694.4	15147.9	17013.9	16145.7
27.5°	9731.5	9705.6	9627.8	9498.2	9679.6	10496.0	12647.0	15381.2	15873.6	18828.0	17778.4
30°	10858.8	10781.1	10703.3	10534.9	10729.2	11390.1	13476.3	16353.0	16819.5	20888.3	19748.0
32.5°	12193.5	12284.2	12025.0	11791.8	11999.1	12608.2	14707.4	17506.3	18011.7	23039.4	21795.4
35°	14189.0	14461.2	14383.4	13204.2	13398.6	14072.4	16145.7	18996.5	19450.0	24996.0	23894.6
37.5°	16158.7	16093.9	16158.7	15173.8	14862.9	15679.2	17687.7	20421.8	20862.4	26589.9	25747.6
40°	17739.5	17933.9	17933.9	17130.5	16728.8	17273.0	19087.2	21730.6	22158.2	27471.0	27082.3
42.5°	19463.0	19488.9	19437.0	18737.3	18581.8	18724.3	20318.2	22559.9	22909.8	27924.5	27989.3
45°	21406.7	21393.7	21173.4	20590.3	20357.1	20227.5	21082.7	23363.3	23713.2	28131.9	28481.7
47.5°	23013.5	23078.2	23091.2	22469.2	22080.5	21523.3	21743.6	23765.0	24166.7	27898.6	28585.4
50°	23104.2	23207.8	23700.2	23881.6	23803.9	22909.8	22352.6	24192.6	24594.3	27950.5	28961.2
52.5°	22534.0	22637.7	23272.6	24024.2	24931.2	24503.6	23311.5	24931.2	25345.9	28455.8	29816.4
55°	21005.0	21173.4	22119.4	23169.0	24788.7	25397.7	25009.0	26265.9	26654.7	28857.5	30814.2
57.5°	18283.8	18491.1	19799.9	21471.5	23687.3	25190.4	27471.0	28404.0	28727.9	29142.6	30827.1
60°	13670.7	13839.2	15886.5	18141.2	21471.5	23894.6	28935.3	32071.1	32252.5	27600.6	29077.8
62.5°	10068.4	10236.8	11610.4	13230.1	16871.4	21510.3	29220.4	35245.8	35271.7	24814.6	26667.6
63°	9485.3	9653.7	10897.7	12413.8	15782.9	20706.9	29129.6	35349.5	35258.8	24244.5	26136.3
65°	7386.1	7684.1	8979.9	10133.2	11830.7	16482.6	27963.4	33509.5	33639.0	22559.9	23467.0
67.5°	5027.7	5248.0	6893.7	8228.3	8941.0	10496.0	22935.7	28676.1	28883.4	20810.6	18724.3
70°	3887.4	3991.1	4950.0	6517.9	7230.6	6673.4	14953.6	23091.2	23091.2	16249.4	13269.0
72.5°	3045.1	3084.0	3731.9	5092.5	5818.2	5131.4	8332.0	16793.6	16171.6	9640.8	8850.3
75°	2176.9	2228.8	2811.9	3796.7	4639.0	4042.9	5325.7	9783.3	9407.5	5546.0	5908.9
77.5°	1723.4	1749.3	2099.2	2798.9	3757.8	3084.0	4055.9	5338.7	5286.9	3900.4	3796.7
80°	1360.6	1412.4	1645.7	2008.5	2902.6	2410.2	3019.2	3524.6	3420.9	2682.3	2436.1
82.5°	971.9	1062.6	1269.9	1529.0	2151.0	1723.4	1982.6	2487.9	2487.9	2021.5	1606.8
85°	596.1	673.8	751.6	945.9	1529.0	1114.4	1049.6	1606.8	1645.7	1516.1	1036.6
87.5°	285.1	311.0	362.8	401.7	557.2	505.4	414.7	609.0	622.0	673.8	427.6
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°	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5	8785.5
2.5°	8863.3	8837.4	8707.8	8578.2	8435.7	8306.1	8176.5	8072.9	7956.2	7982.1	7995.1
5°	9031.7	8967.0	8681.9	8345.0	7904.4	7489.7	7088.0	6803.0	6621.6	6569.7	6466.1
7.5°	9394.6	9239.1	8720.8	8008.1	7191.7	6543.8	6168.0	5999.6	5947.7	5960.7	5934.8
10°	9809.2	9576.0	8772.6	7606.4	6569.7	6129.1	6077.3	6181.0	6232.8	6284.6	6297.6
12.5°	10353.5	9977.7	8746.7	7165.8	6271.7	6193.9	6388.3	6582.7	6699.3	6777.0	6764.1
15°	10988.4	10483.0	8668.9	6803.0	6232.8	6440.1	6686.3	6906.6	7049.2	7126.9	7088.0
17.5°	11752.9	11079.1	8578.2	6569.7	6349.4	6595.6	6854.8	7075.1	7230.6	7282.4	7243.5
20°	12698.9	11752.9	8422.7	6466.1	6440.1	6660.4	6893.7	7101.0	7230.6	7282.4	7230.6
22.5°	13813.3	12556.3	8293.1	6466.1	6479.0	6660.4	6828.9	6984.4	7101.0	7139.9	7075.1
25°	15238.6	13489.3	8241.3	6569.7	6492.0	6595.6	6686.3	6777.0	6841.8	6867.8	6841.8
27.5°	16689.9	14564.8	8267.2	6699.3	6479.0	6504.9	6504.9	6517.9	6530.8	6543.8	6530.8
30°	18361.5	15653.3	8370.9	6867.8	6504.9	6375.3	6336.5	6258.7	6193.9	6142.1	6090.3
32.5°	19981.3	16689.9	8552.3	7114.0	6479.0	6232.8	6155.1	5960.7	5779.3	5623.8	5623.8
35°	21730.6	17765.5	8876.2	7295.4	6453.1	6103.2	5882.9	5662.7	5468.3	5248.0	5248.0
37.5°	23233.7	18685.5	9135.4	7502.7	6427.2	5947.7	5597.9	5351.7	5144.3	4924.1	4898.1
40°	24283.3	19216.8	9290.9	7580.4	6336.5	5740.4	5325.7	5014.8	4716.7	4418.7	4405.7
42.5°	24788.7	19190.8	9200.2	7554.5	6168.0	5481.2	5092.5	4677.8	4276.1	4004.0	3978.1
45°	25060.8	19022.4	8850.3	7334.2	5895.9	5209.1	4794.5	4353.9	3952.2	3706.0	3654.2
47.5°	25009.0	18607.7	8370.9	6790.0	5533.1	4911.1	4496.4	4042.9	3719.0	3576.4	3576.4
50°	25151.5	18283.8	7826.6	6168.0	5040.7	4561.2	4224.3	3809.7	3615.3	3433.9	3369.1
52.5°	25786.5	18555.9	7360.2	5584.9	4574.2	4224.3	3991.1	3641.2	3395.0	3278.4	3239.5
55°	26628.7	19139.0	6919.6	5066.6	4120.7	3926.3	3809.7	3485.7	3200.6	3084.0	3019.2
57.5°	26784.2	19540.7	6492.0	4561.2	3744.9	3693.0	3654.2	3213.6	2980.3	2889.6	2837.8
60°	25708.7	19242.7	5934.8	4107.7	3446.8	3472.8	3369.1	3045.1	2773.0	2682.3	2630.5
62.5°	23881.6	18465.2	5377.6	3719.0	3213.6	3265.4	3161.8	2837.8	2565.7	2475.0	2449.1
63°	23518.8	18257.9	5248.0	3680.1	3161.8	3226.5	3135.8	2811.9	2539.8	2449.1	2410.2
65°	21354.8	17013.9	4794.5	3472.8	2993.3	2993.3	3006.3	2682.3	2449.1	2410.2	2384.3
67.5°	17415.6	14202.0	4302.1	3226.5	2811.9	2850.8	2915.6	2734.1	2643.4	2617.5	2591.6
70°	13165.4	10690.4	3874.4	2993.3	2617.5	2747.1	3187.7	3109.9	2773.0	2539.8	2487.9
72.5°	9329.8	7282.4	3498.7	2760.1	2384.3	2708.2	3304.3	2967.4	2500.9	2228.8	2176.9
75°	6245.8	4690.8	3122.9	2513.9	2125.1	2500.9	3122.9	2708.2	2176.9	2112.2	2034.4
77.5°	3926.3	3343.2	2747.1	2228.8	1840.0	2228.8	2837.8	2410.2	1878.9	1904.8	1788.2
80°	2397.2	2384.3	2306.5	1891.9	1477.2	1775.2	2384.3	2034.4	1503.1	1503.1	1334.7
82.5°	1425.4	1723.4	1956.7	1567.9	1075.5	1269.9	1723.4	1529.0	1256.9	1218.1	1140.3
85°	958.9	1166.2	1555.0	1205.1	686.8	777.5	1192.1	1282.8	1153.3	1010.7	945.9
87.5°	349.9	466.5	712.7	492.4	298.0	466.5	894.1	933.0	699.7	544.2	492.4
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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-16  
 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-940-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3856  
 CIE u': 0.2261  
 CIE v': 0.5084  
 Duv: 0.0032  
 CIE x: 0.3896  
 CIE y: 0.3894  
 CIE z: 0.2211  
 Peak Wavelength (nm): 614  
 Dominant Wavelength (nm): 578  
 Purity: 33.77304  
 Rf: 91.8  
 Rg: 98.4

CRI (Ra):	92.1		
R1:	91.8	R9:	60.7
R2:	94.1	R10:	85.2
R3:	95.3	R11:	92.4
R4:	92.8	R12:	74.5
R5:	91.0	R13:	92.3
R6:	91.6	R14:	97.0
R7:	95.0	R15:	88.5
R8:	85.2		



**Test Conditions**

Stabilization Time: 23M  
 Operation Time: 1H 23M  
 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 4000K 4-step quadrangle

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**Photopic Flux vs. Wavelength**



**Photopic Lumens: NR**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.72**

$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 3.52**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

**Summary**

$R_f = 91.8$   
 $R_g = 98.4$   
 $CIE R_a = 92.1$   
 $R_9 = 60.7$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)