

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: P1458602

Luminaire Tested: GLAN-SB1D-940-U-T3LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458602  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1D-940-U-T3LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (26) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

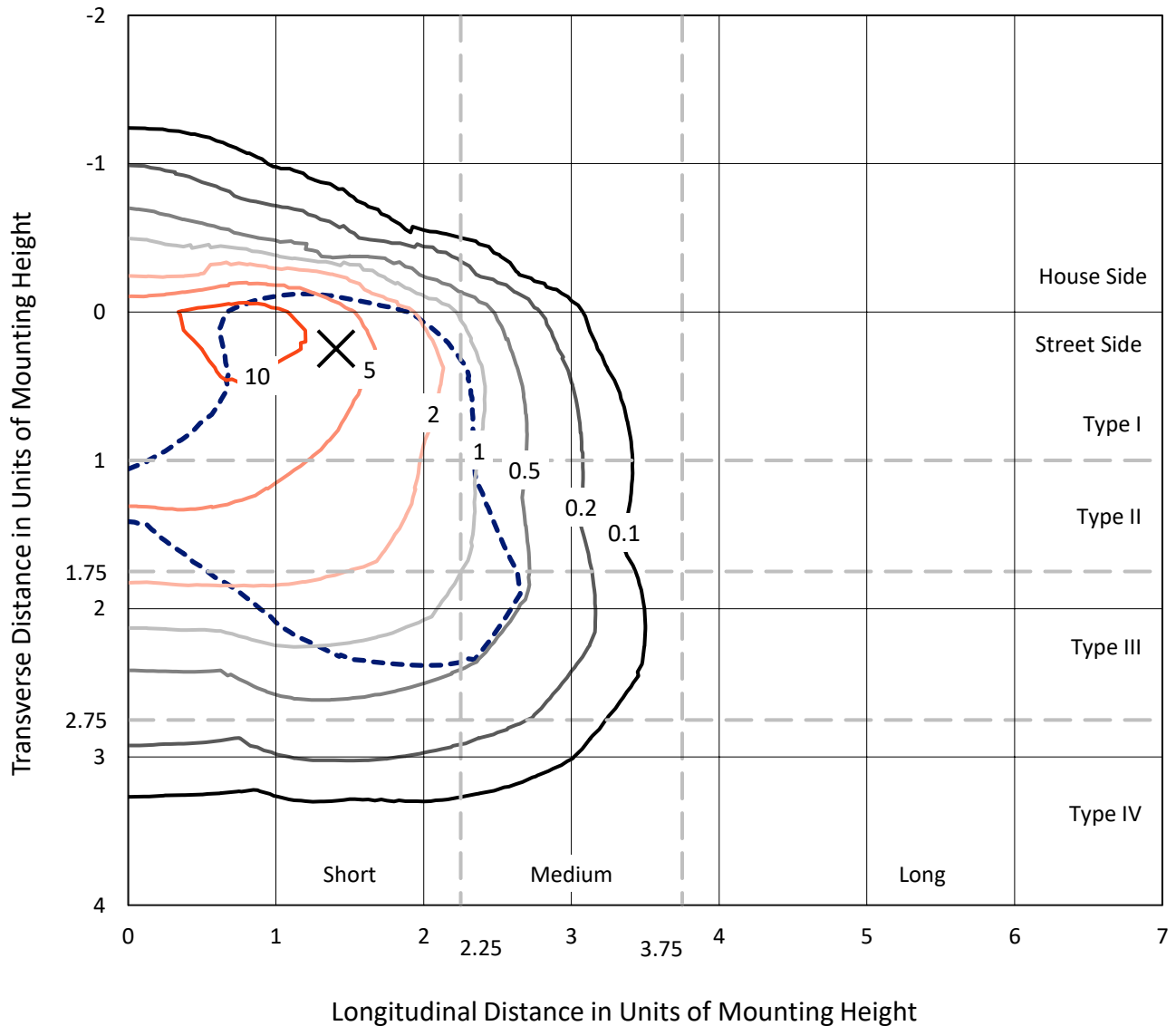
Lumens per Lamp: N/A  
Luminaire Lumens: 5638.2 lumens  
Efficiency: N/A  
Efficacy: 70.8 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G1

Input Watts (W): 79.6  
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

REPORT NUMBER: P1458602  
 CATALOG NUMBER: GLAN-SB1D-940-U-T3LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

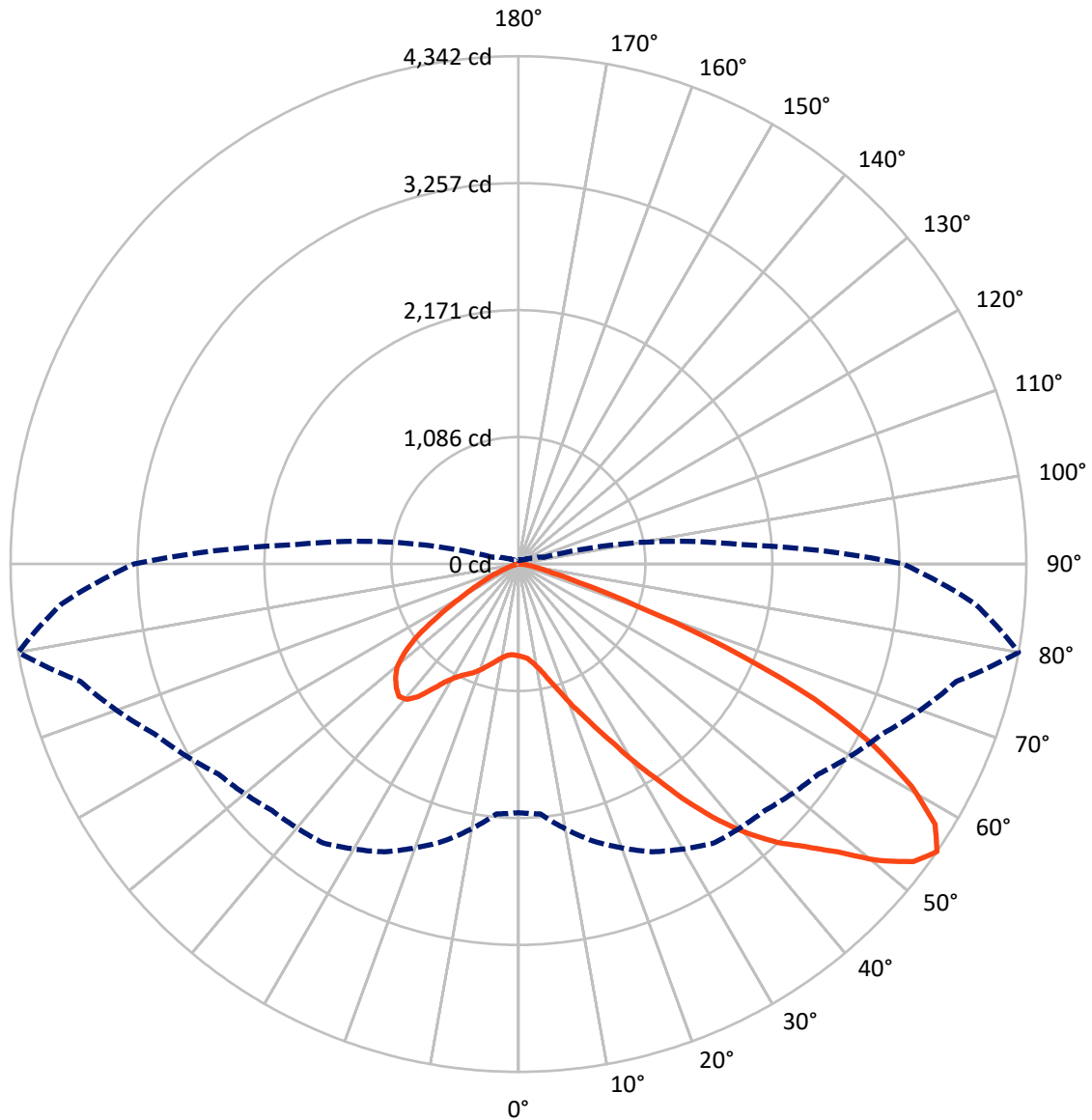
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.9 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	685.4	0.0	685.4
	% Fixture	12.2	0.0	12.2
<b>Street Side</b>	Lumens	4952.8	0.0	4952.8
	% Fixture	87.8	0.0	87.8
<b>Total</b>	Lumens	5638.2	0.0	5638.2
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.9	1.2
10°-20°	173.8	3.1
20°-30°	340.2	6.0
30°-40°	692.1	12.3
40°-50°	1166.7	20.7
50°-60°	1490.7	26.4
60°-70°	1272.7	22.6
70°-80°	406.7	7.2
80°-90°	29.4	0.5
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°	5638.2	100.0
0°-180°	5638.2	100.0

**Coefficient of Utilization**



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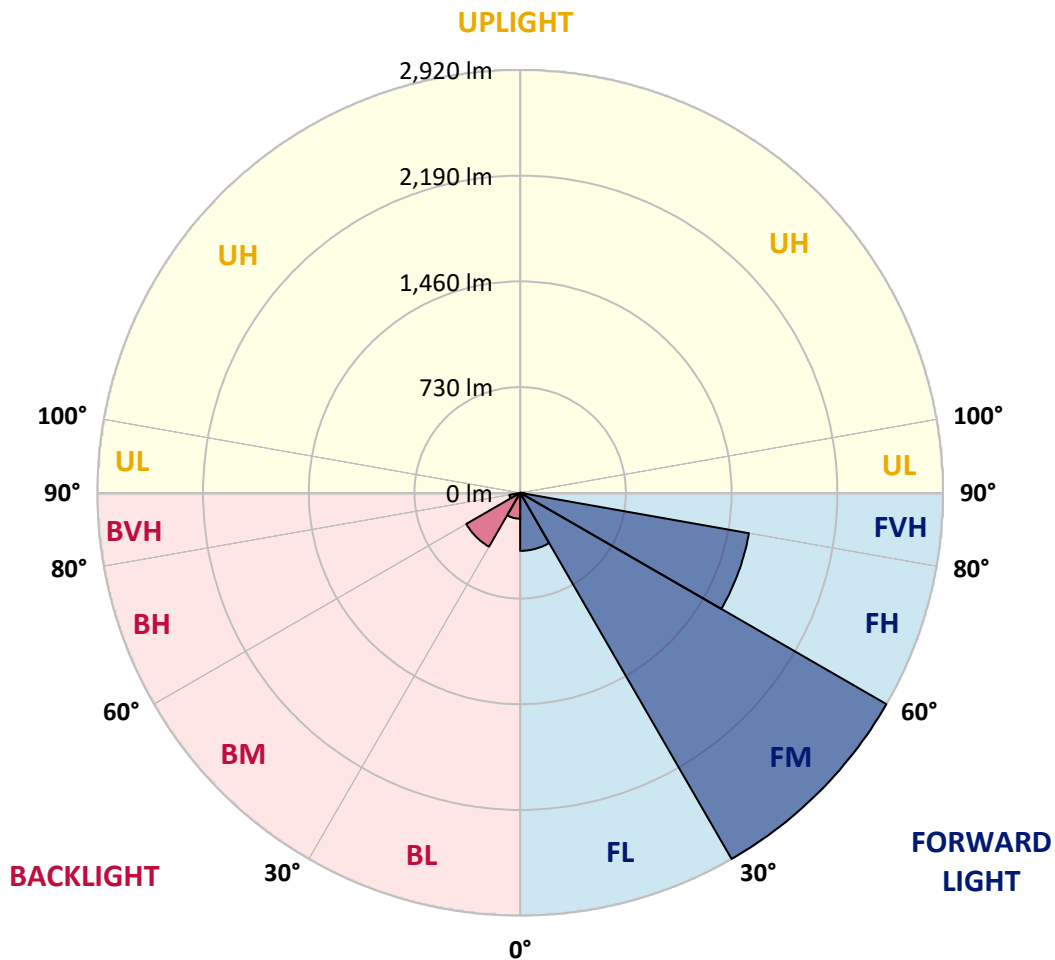
CATALOG NUMBER: GLAN-SB1D-940-U-T3LG-HSS

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	400.9	7.1			
FM	(30°-60°)	2920.0	51.8			
FH	(60°-80°)	1604.1	28.5			G1/1800
FVH	(80°-90°)	27.8	0.5			G1/100
BL	(0°-30°)	179.0	3.2	B1/500		
BM	(30°-60°)	429.6	7.6	B1/1000		
BH	(60°-80°)	75.3	1.3	B0/110		G0/110
BVH	(80°-90°)	1.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	785.4	785.4	785.4	785.4	785.4	785.4	785.4	785.4	785.4	785.4	785.4
2.5°	790.2	791.8	790.2	791.8	795.0	793.4	799.8	798.2	798.2	796.6	790.2
5°	745.3	746.9	750.1	758.1	769.4	780.6	795.0	804.6	814.2	812.6	806.2
7.5°	657.2	660.4	673.2	689.2	726.1	759.7	796.6	820.7	841.5	847.9	843.1
10°	607.5	610.7	618.7	634.7	668.4	724.5	796.6	846.3	883.2	896.0	897.6
12.5°	602.7	604.3	610.7	628.3	657.2	705.3	795.0	880.0	942.5	961.7	968.1
15°	605.9	609.1	615.5	629.9	663.6	718.1	807.8	932.9	1021.0	1048.3	1049.9
17.5°	618.7	621.9	629.9	645.9	682.8	751.7	847.9	987.4	1115.6	1146.0	1163.7
20°	644.3	645.9	655.6	676.4	718.1	793.4	907.2	1061.1	1229.4	1274.3	1287.1
22.5°	678.0	682.8	695.6	721.3	774.2	851.1	989.0	1150.8	1354.4	1400.9	1423.3
25°	714.9	721.3	740.5	782.2	849.5	939.3	1089.9	1269.5	1501.9	1558.0	1588.4
27.5°	790.2	791.8	804.6	857.5	944.1	1054.7	1218.2	1421.7	1675.0	1740.7	1774.3
30°	955.3	956.9	945.7	960.1	1048.3	1190.9	1368.8	1599.6	1876.9	1968.3	1995.5
32.5°	1157.3	1165.3	1163.7	1154.0	1194.1	1327.2	1548.3	1812.8	2114.2	2210.3	2236.0
35°	1386.5	1405.7	1400.9	1397.7	1402.5	1501.9	1753.5	2048.4	2383.4	2500.4	2521.3
37.5°	1610.9	1615.7	1638.1	1665.4	1668.6	1737.5	1990.7	2298.5	2633.5	2782.5	2814.6
40°	1784.0	1800.0	1856.1	1910.6	1966.7	2021.2	2186.3	2500.4	2832.2	3032.6	3047.0
42.5°	1918.6	1957.1	2038.8	2123.8	2237.6	2298.5	2372.2	2643.1	2994.1	3255.4	3249.0
45°	2082.1	2098.1	2213.5	2325.7	2441.1	2534.1	2532.5	2763.3	3120.7	3446.1	3406.0
47.5°	2192.7	2211.9	2369.0	2500.4	2619.0	2665.5	2675.1	2893.1	3295.5	3676.9	3582.4
50°	2252.0	2285.7	2457.2	2623.9	2752.1	2766.5	2809.8	3063.0	3524.7	3983.1	3805.2
52.5°	2258.4	2290.5	2487.6	2702.4	2841.8	2870.7	2944.4	3255.4	3747.5	4228.3	3933.4
55°	2125.4	2144.6	2450.8	2715.2	2912.4	2979.7	3130.4	3433.3	3877.3	4342.1	3922.2
57.5°	2000.4	2019.6	2285.7	2692.8	2984.5	3122.3	3329.1	3555.1	3776.3	4201.1	3672.1
60°	1893.0	1902.6	2144.6	2588.6	3011.7	3261.8	3500.6	3434.9	3515.0	3862.9	3244.2
62.5°	1691.0	1697.4	1984.3	2401.1	2957.2	3369.2	3559.9	3180.0	3228.1	3396.4	2740.9
65°	1277.5	1301.5	1564.4	2260.0	2867.5	3418.9	3422.1	2869.1	2819.4	2779.3	2155.8
67.5°	867.1	894.4	1053.1	2032.4	2721.6	3439.7	3154.4	2466.8	2147.8	1941.0	1412.1
70°	692.4	692.4	746.9	1633.3	2375.4	3173.6	2822.6	1862.5	1364.0	1072.3	756.5
72.5°	455.2	456.8	508.1	1037.0	1684.6	2420.3	2301.7	1077.1	708.5	546.6	373.5
75°	165.1	165.1	222.8	415.1	891.2	1441.0	1402.5	514.5	384.7	298.1	226.0
77.5°	88.2	91.4	107.4	171.5	341.4	586.6	548.2	262.9	218.0	185.9	141.1
80°	59.3	60.9	72.1	105.8	165.1	226.0	176.3	147.5	147.5	125.0	94.6
82.5°	32.1	33.7	48.1	68.9	88.2	105.8	85.0	86.6	104.2	85.0	54.5
85°	22.4	22.4	36.9	49.7	49.7	51.3	36.9	54.5	60.9	52.9	36.9
87.5°	12.8	12.8	20.8	24.0	24.0	22.4	11.2	19.2	24.0	27.2	16.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1458602

CATALOG NUMBER: GLAN-SB1D-940-U-T3LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	785.4	785.4	785.4	785.4	785.4	785.4	785.4	785.4	785.4	785.4	785.4
2.5°	788.6	783.8	774.2	754.9	745.3	732.5	721.3	706.9	703.6	702.0	695.6
5°	801.4	791.8	763.0	721.3	686.0	652.4	618.7	599.5	583.4	575.4	573.8
7.5°	833.5	814.2	761.4	687.6	621.9	564.2	514.5	471.2	448.8	429.6	431.2
10°	881.6	851.1	764.6	655.6	557.8	464.8	392.7	330.2	285.3	264.5	262.9
12.5°	945.7	902.4	775.8	623.5	479.3	349.4	258.1	221.2	211.6	210.0	208.4
15°	1024.2	963.3	787.0	581.8	373.5	242.0	210.0	202.0	200.4	198.8	198.8
17.5°	1118.8	1033.8	793.4	511.3	272.5	208.4	197.1	192.3	190.7	189.1	189.1
20°	1237.4	1112.4	801.4	421.5	230.8	200.4	187.5	181.1	179.5	179.5	177.9
22.5°	1354.4	1200.5	795.0	343.0	222.8	190.7	176.3	169.9	166.7	166.7	165.1
25°	1489.0	1290.3	775.8	309.3	221.2	182.7	165.1	155.5	150.7	149.1	149.1
27.5°	1642.9	1392.9	745.3	311.0	221.2	176.3	150.7	137.8	134.6	131.4	131.4
30°	1819.2	1517.9	722.9	331.8	224.4	169.9	137.8	121.8	117.0	113.8	115.4
32.5°	2021.2	1657.3	721.3	365.4	229.2	160.3	123.4	105.8	101.0	99.4	101.0
35°	2250.4	1830.4	758.1	391.1	216.4	139.4	105.8	91.4	86.6	86.6	88.2
37.5°	2505.2	2029.2	807.8	384.7	174.7	110.6	91.4	80.1	75.3	76.9	78.5
40°	2737.7	2184.7	815.8	328.6	131.4	94.6	78.5	70.5	67.3	68.9	70.5
42.5°	2914.0	2309.7	738.9	254.9	110.6	80.1	67.3	60.9	59.3	62.5	62.5
45°	3056.6	2359.4	617.1	189.1	97.8	68.9	59.3	56.1	52.9	54.5	54.5
47.5°	3205.7	2367.4	503.3	152.3	86.6	62.5	54.5	51.3	48.1	48.1	48.1
50°	3349.9	2348.2	384.7	134.6	80.1	56.1	49.7	46.5	43.3	41.7	41.7
52.5°	3385.2	2194.3	282.1	125.0	73.7	52.9	46.5	43.3	40.1	38.5	38.5
55°	3287.4	1902.6	221.2	112.2	67.3	48.1	43.3	40.1	35.3	33.7	33.7
57.5°	2965.3	1450.6	176.3	96.2	60.9	46.5	40.1	36.9	32.1	30.5	30.5
60°	2546.9	1029.0	142.7	78.5	56.1	41.7	36.9	32.1	28.9	25.6	25.6
62.5°	2083.7	738.9	115.4	65.7	52.9	36.9	33.7	28.9	22.4	17.6	17.6
65°	1598.0	530.5	89.8	52.9	48.1	32.1	28.9	24.0	17.6	12.8	12.8
67.5°	1033.8	343.0	67.3	46.5	36.9	27.2	22.4	19.2	16.0	11.2	9.6
70°	545.0	200.4	49.7	40.1	27.2	20.8	19.2	16.0	12.8	8.0	8.0
72.5°	282.1	131.4	36.9	35.3	20.8	14.4	16.0	12.8	9.6	4.8	4.8
75°	181.1	88.2	27.2	28.9	12.8	11.2	11.2	8.0	4.8	3.2	1.6
77.5°	117.0	59.3	19.2	24.0	8.0	6.4	6.4	3.2	1.6	0.0	0.0
80°	68.9	36.9	12.8	16.0	3.2	3.2	1.6	0.0	0.0	0.0	0.0
82.5°	35.3	19.2	6.4	6.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	22.4	9.6	1.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.2	3.2	1.6	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: SP1-2407-184-16

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



CCT = 3856K  
 CIE x = 0.3896  
 CIE y = 0.3894  
 Duv = 0.0032

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**

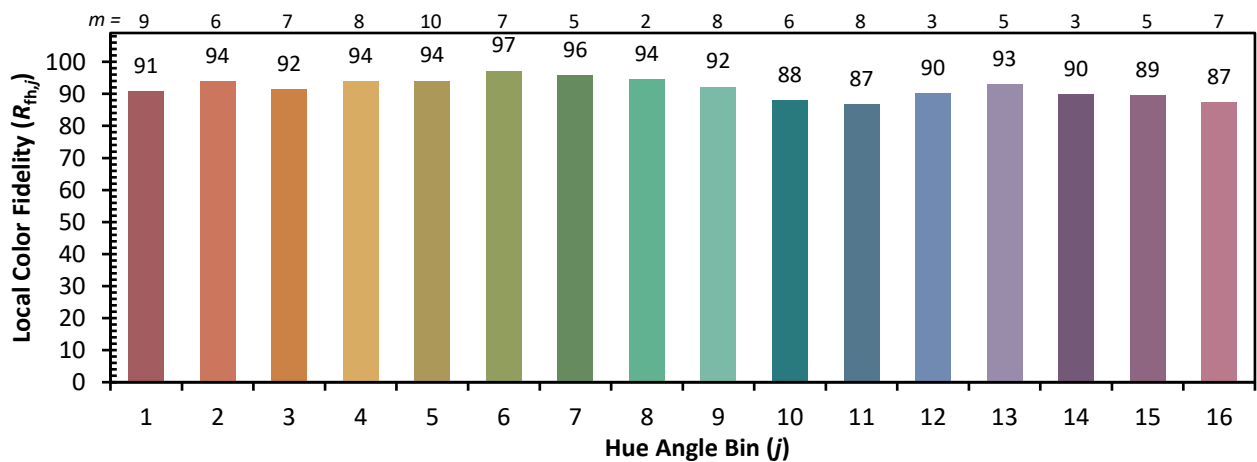


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

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)