

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: P1458562

Luminaire Tested: GLAN-SB9D-930-U-T3LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458562  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB9D-930-U-T3LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 9xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (234) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

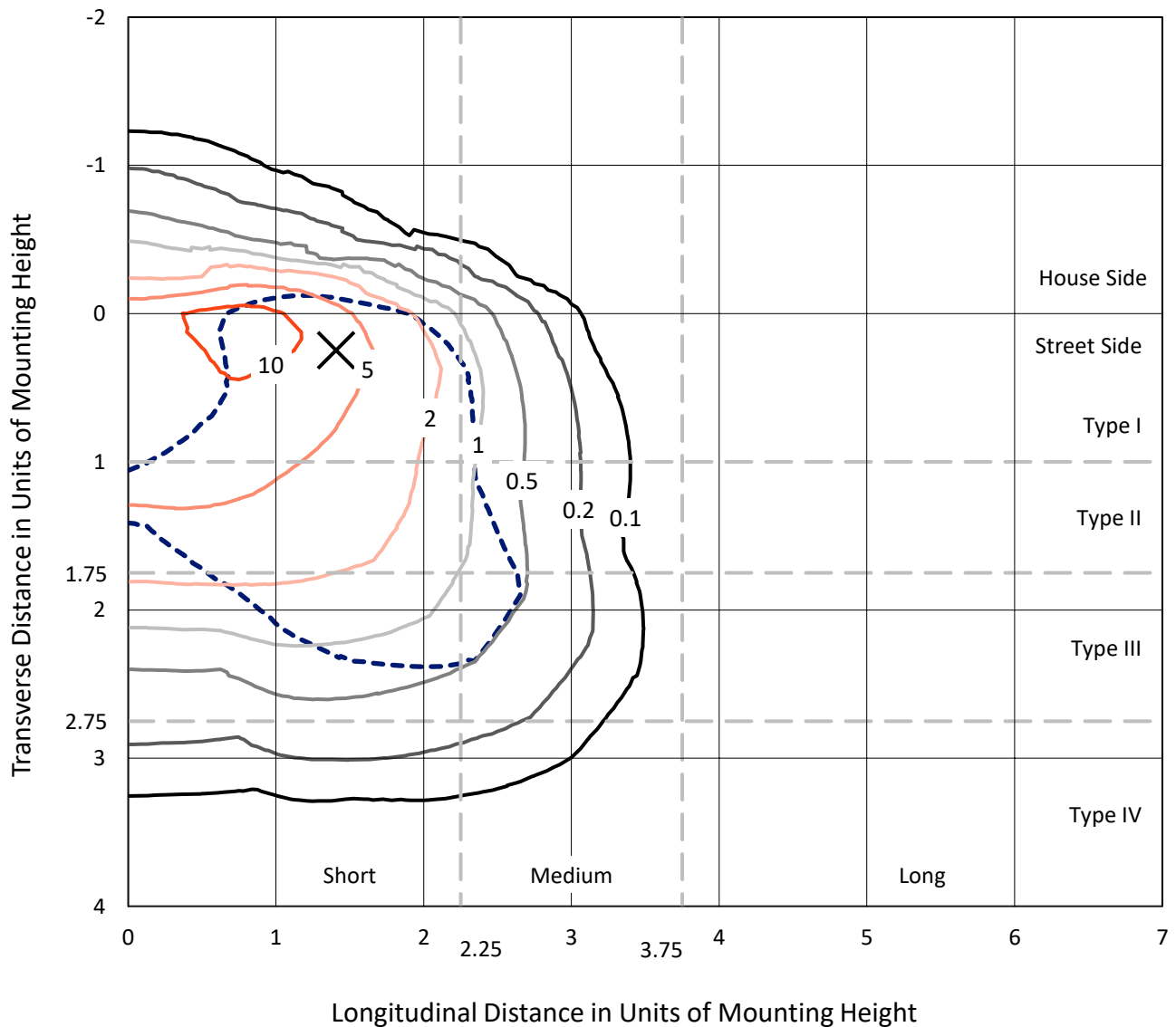
Lumens per Lamp: N/A  
Luminaire Lumens: 49316.6 lumens  
Efficiency: N/A  
Efficacy: 74.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G5

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

REPORT NUMBER: P1458562  
 CATALOG NUMBER: GLAN-SB9D-930-U-T3LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

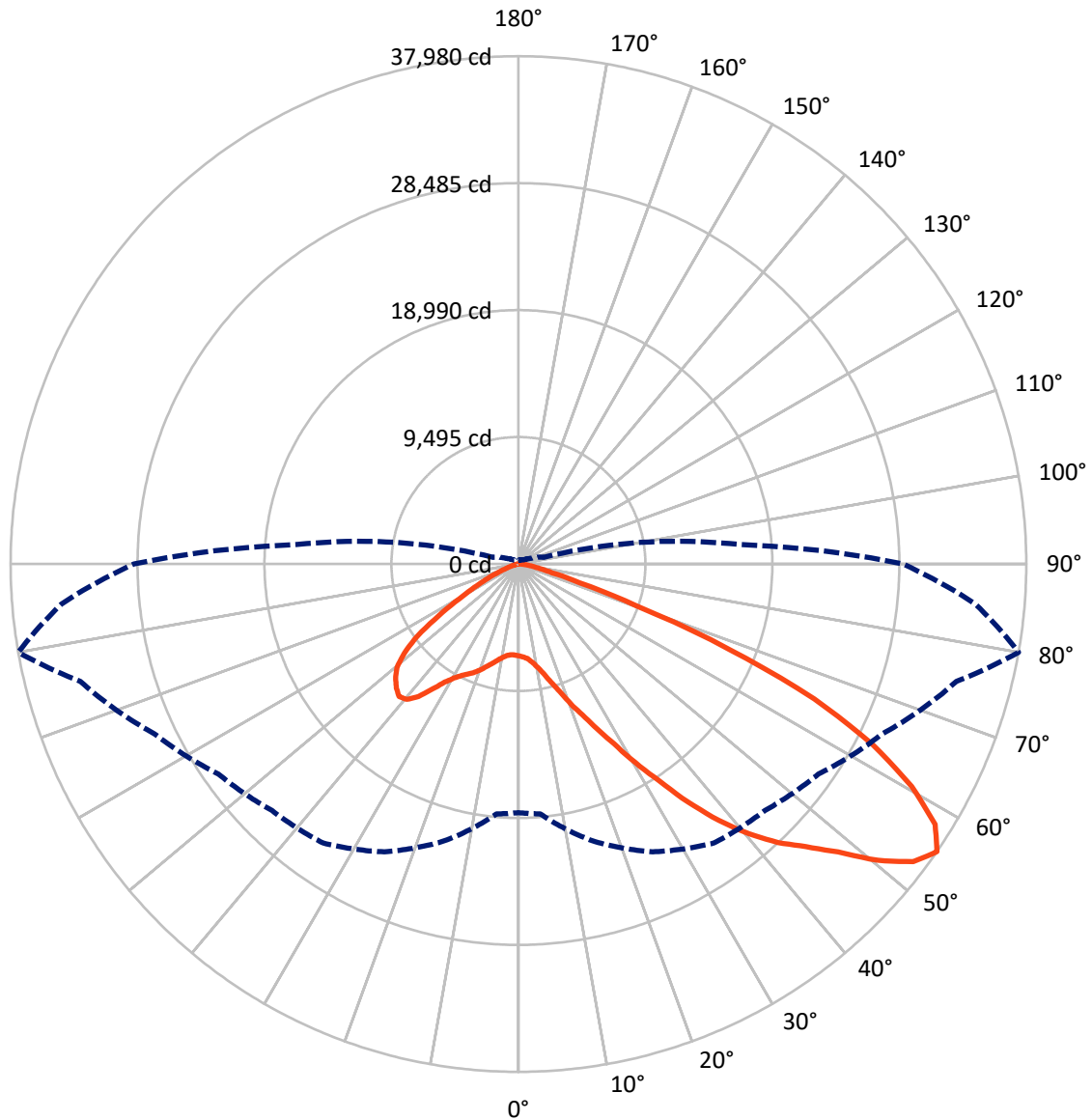
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 13.5 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	5995.0	0.0	5995.0
	% Fixture	12.2	0.0	12.2
<b>Street Side</b>	Lumens	43321.6	0.0	43321.6
	% Fixture	87.8	0.0	87.8
<b>Total</b>	Lumens	49316.6	0.0	49316.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	576.5	1.2
10°-20°	1519.9	3.1
20°-30°	2975.5	6.0
30°-40°	6053.5	12.3
40°-50°	10205.2	20.7
50°-60°	13039.2	26.4
60°-70°	11132.4	22.6
70°-80°	3557.5	7.2
80°-90°	256.9	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°	49316.6	100.0
0°-180°	49316.6	100.0



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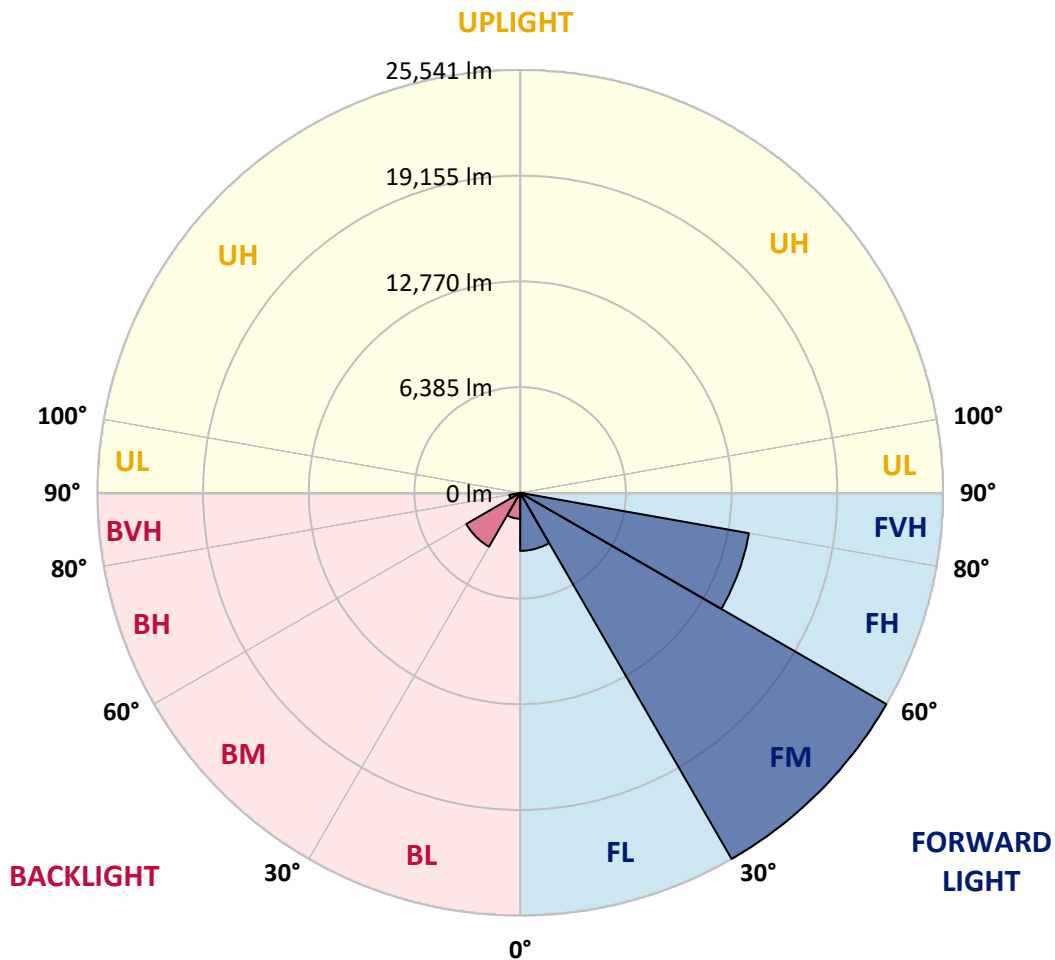
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3506.5	7.1			
FM	(30°-60°)	25540.7	51.8			
FH	(60°-80°)	14031.0	28.5			G5
FVH	(80°-90°)	243.5	0.5			G3/500
BL	(0°-30°)	1565.4	3.2	B3/2500		
BM	(30°-60°)	3757.2	7.6	B3/5000		
BH	(60°-80°)	658.9	1.3	B2/1000		G2/1000
BVH	(80°-90°)	13.4	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-G5**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7
2.5°	6911.8	6925.8	6911.8	6925.8	6953.8	6939.8	6995.9	6981.9	6981.9	6967.9	6911.8
5°	6519.2	6533.2	6561.3	6631.4	6729.5	6827.7	6953.8	7038.0	7122.1	7108.1	7052.0
7.5°	5748.1	5776.2	5888.3	6028.5	6351.0	6645.4	6967.9	7178.2	7360.4	7416.5	7374.4
10°	5313.5	5341.6	5411.7	5551.9	5846.3	6337.0	6967.9	7402.5	7724.9	7837.1	7851.1
12.5°	5271.5	5285.5	5341.6	5495.8	5748.1	6168.7	6953.8	7696.9	8243.7	8411.9	8468.0
15°	5299.5	5327.5	5383.6	5509.8	5804.2	6280.9	7066.0	8159.5	8930.6	9169.0	9183.0
17.5°	5411.7	5439.7	5509.8	5650.0	5972.5	6575.3	7416.5	8636.2	9757.8	10024.2	10178.4
20°	5636.0	5650.0	5734.1	5916.4	6280.9	6939.8	7935.2	9281.1	10753.2	11145.8	11257.9
22.5°	5930.4	5972.5	6084.6	6308.9	6771.6	7444.5	8650.2	10066.2	11846.8	12253.3	12449.6
25°	6252.8	6308.9	6477.2	6841.7	7430.5	8215.6	9533.5	11103.7	13136.6	13627.3	13893.7
27.5°	6911.8	6925.8	7038.0	7500.6	8257.7	9225.1	10655.1	12435.6	14650.7	15225.5	15520.0
30°	8355.8	8369.8	8271.7	8397.9	9169.0	10416.7	11972.9	13991.8	16417.2	17216.4	17454.7
32.5°	10122.3	10192.4	10178.4	10094.3	10444.8	11608.4	13543.2	15856.4	18492.2	19333.4	19557.7
35°	12127.2	12295.4	12253.3	12225.3	12267.4	13136.6	15337.7	17917.4	20847.5	21870.9	22053.2
37.5°	14089.9	14132.0	14328.3	14566.6	14594.7	15197.5	17412.6	20104.4	23034.6	24338.4	24618.8
40°	15604.1	15744.3	16235.0	16711.6	17202.3	17679.0	19123.1	21870.9	24773.1	26525.5	26651.7
42.5°	16781.7	17118.2	17833.2	18576.3	19571.7	20104.4	20749.4	23118.7	26189.1	28474.3	28418.2
45°	18211.8	18352.0	19361.4	20342.8	21352.2	22165.4	22151.3	24170.2	27296.6	30142.7	29792.2
47.5°	19179.1	19347.4	20721.3	21870.9	22908.4	23315.0	23399.1	25305.8	28824.8	32161.5	31334.3
50°	19697.9	19992.3	21492.4	22950.5	24072.1	24198.2	24576.8	26791.9	30829.6	34839.3	33283.1
52.5°	19754.0	20034.3	21758.8	23637.4	24857.2	25109.5	25754.4	28474.3	32778.4	36984.3	34404.7
55°	18590.3	18758.5	21436.3	23749.6	25474.0	26062.9	27380.7	30030.5	33914.0	37979.7	34306.5
57.5°	17496.8	17665.0	19992.3	23553.3	26104.9	27310.6	29119.2	31096.0	33030.7	36746.0	32119.4
60°	16557.4	16641.5	18758.5	22642.0	26343.3	28530.4	30619.3	30044.5	30745.5	33787.8	28376.2
62.5°	14790.9	14847.0	17356.6	21001.7	25866.6	29469.7	31138.1	27815.4	28236.0	29708.0	23973.9
65°	11173.8	11384.1	13683.4	19768.0	25081.5	29904.3	29932.4	25095.5	24660.9	24310.4	18856.7
67.5°	7584.7	7823.1	9211.0	17777.2	23805.7	30086.6	27591.0	21576.5	18786.6	16978.0	12351.5
70°	6056.6	6056.6	6533.2	14286.2	20777.4	27759.3	24688.9	16291.1	11930.9	9379.3	6617.4
72.5°	3981.6	3995.7	4444.3	9070.8	14734.8	21170.0	20132.5	9421.3	6196.8	4780.8	3266.6
75°	1444.0	1444.0	1948.8	3631.1	7795.0	12603.8	12267.4	4500.4	3364.8	2607.7	1976.8
77.5°	771.1	799.1	939.3	1500.1	2986.2	5131.3	4794.8	2299.3	1906.7	1626.3	1233.7
80°	518.7	532.8	630.9	925.3	1444.0	1976.8	1542.2	1289.8	1289.8	1093.5	827.2
82.5°	280.4	294.4	420.6	602.9	771.1	925.3	743.1	757.1	911.3	743.1	476.7
85°	196.3	196.3	322.5	434.6	434.6	448.6	322.5	476.7	532.8	462.7	322.5
87.5°	112.2	112.2	182.3	210.3	210.3	196.3	98.1	168.2	210.3	238.3	140.2
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-SB9D-930-U-T3LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7	6869.7
2.5°	6897.8	6855.7	6771.6	6603.3	6519.2	6407.1	6308.9	6182.7	6154.7	6140.7	6084.6
5°	7009.9	6925.8	6673.4	6308.9	6000.5	5706.1	5411.7	5243.4	5103.2	5033.1	5019.1
7.5°	7290.3	7122.1	6659.4	6014.5	5439.7	4935.0	4500.4	4121.8	3925.6	3757.3	3771.3
10°	7710.9	7444.5	6687.5	5734.1	4878.9	4065.8	3434.9	2888.1	2495.5	2313.3	2299.3
12.5°	8271.7	7893.2	6785.6	5453.7	4191.9	3056.3	2257.2	1934.7	1850.6	1836.6	1822.6
15°	8958.7	8425.9	6883.7	5089.2	3266.6	2117.0	1836.6	1766.5	1752.5	1738.5	1738.5
17.5°	9785.8	9042.8	6939.8	4472.3	2383.4	1822.6	1724.4	1682.4	1668.4	1654.3	1654.3
20°	10823.3	9729.8	7009.9	3687.2	2018.9	1752.5	1640.3	1584.2	1570.2	1570.2	1556.2
22.5°	11846.8	10500.9	6953.8	3000.2	1948.8	1668.4	1542.2	1486.1	1458.1	1458.1	1444.0
25°	13024.4	11286.0	6785.6	2705.8	1934.7	1598.3	1444.0	1359.9	1317.9	1303.8	1303.8
27.5°	14370.3	12183.2	6519.2	2719.8	1934.7	1542.2	1317.9	1205.7	1177.7	1149.6	1149.6
30°	15912.5	13276.8	6322.9	2902.1	1962.8	1486.1	1205.7	1065.5	1023.4	995.4	1009.4
32.5°	17679.0	14496.5	6308.9	3196.5	2004.8	1402.0	1079.5	925.3	883.2	869.2	883.2
35°	19683.9	16010.7	6631.4	3420.8	1892.7	1219.7	925.3	799.1	757.1	757.1	771.1
37.5°	21913.0	17749.1	7066.0	3364.8	1528.2	967.4	799.1	701.0	658.9	673.0	687.0
40°	23945.9	19109.0	7136.1	2874.1	1149.6	827.2	687.0	616.9	588.8	602.9	616.9
42.5°	25488.1	20202.6	6463.1	2229.2	967.4	701.0	588.8	532.8	518.7	546.8	546.8
45°	26735.8	20637.2	5397.6	1654.3	855.2	602.9	518.7	490.7	462.7	476.7	476.7
47.5°	28039.7	20707.3	4402.2	1331.9	757.1	546.8	476.7	448.6	420.6	420.6	420.6
50°	29301.5	20539.1	3364.8	1177.7	701.0	490.7	434.6	406.6	378.5	364.5	364.5
52.5°	29609.9	19193.2	2467.5	1093.5	644.9	462.7	406.6	378.5	350.5	336.5	336.5
55°	28754.7	16641.5	1934.7	981.4	588.8	420.6	378.5	350.5	308.4	294.4	294.4
57.5°	25936.7	12688.0	1542.2	841.2	532.8	406.6	350.5	322.5	280.4	266.4	266.4
60°	22277.5	9000.7	1247.8	687.0	490.7	364.5	322.5	280.4	252.4	224.3	224.3
62.5°	18225.8	6463.1	1009.4	574.8	462.7	322.5	294.4	252.4	196.3	154.2	154.2
65°	13977.8	4640.6	785.1	462.7	420.6	280.4	252.4	210.3	154.2	112.2	112.2
67.5°	9042.8	3000.2	588.8	406.6	322.5	238.3	196.3	168.2	140.2	98.1	84.1
70°	4766.7	1752.5	434.6	350.5	238.3	182.3	168.2	140.2	112.2	70.1	70.1
72.5°	2467.5	1149.6	322.5	308.4	182.3	126.2	140.2	112.2	84.1	42.1	42.1
75°	1584.2	771.1	238.3	252.4	112.2	98.1	98.1	70.1	42.1	28.0	14.0
77.5°	1023.4	518.7	168.2	210.3	70.1	56.1	56.1	28.0	14.0	0.0	0.0
80°	602.9	322.5	112.2	140.2	28.0	28.0	14.0	0.0	0.0	0.0	0.0
82.5°	308.4	168.2	56.1	56.1	14.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	196.3	84.1	14.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	98.1	28.0	14.0	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-14  
 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-930-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2993  
 CIE u': 0.2501  
 CIE v': 0.5245  
 Duv: 0.0021  
 CIE x: 0.4406  
 CIE y: 0.4107  
 CIE z: 0.1487  
 Peak Wavelength (nm): 621  
 Dominant Wavelength (nm): 582  
 Purity: 55.53327  
 Rf: 92.6  
 Rg: 98.5

CRI (Ra):	92.4		
R1:	92.2	R9:	58.2
R2:	95.2	R10:	87.7
R3:	97.0	R11:	93.5
R4:	93.1	R12:	81.7
R5:	91.7	R13:	92.9
R6:	94.2	R14:	97.6
R7:	93.3	R15:	88.1
R8:	82.3		



**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 3000K 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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.69**

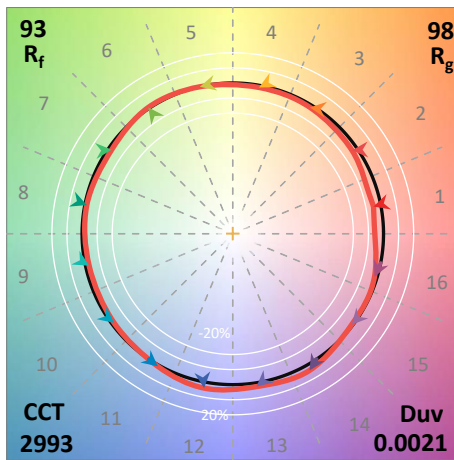
λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>^</sup> /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

**Summary**

$R_f = 92.6$   
 $R_g = 98.5$   
 $CIE R_a = 92.4$   
 $R_9 = 58.2$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)