

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: P1459133

Luminaire Tested: GLAN-SB8C-930-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1459133  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8C-930-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 8xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (208) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

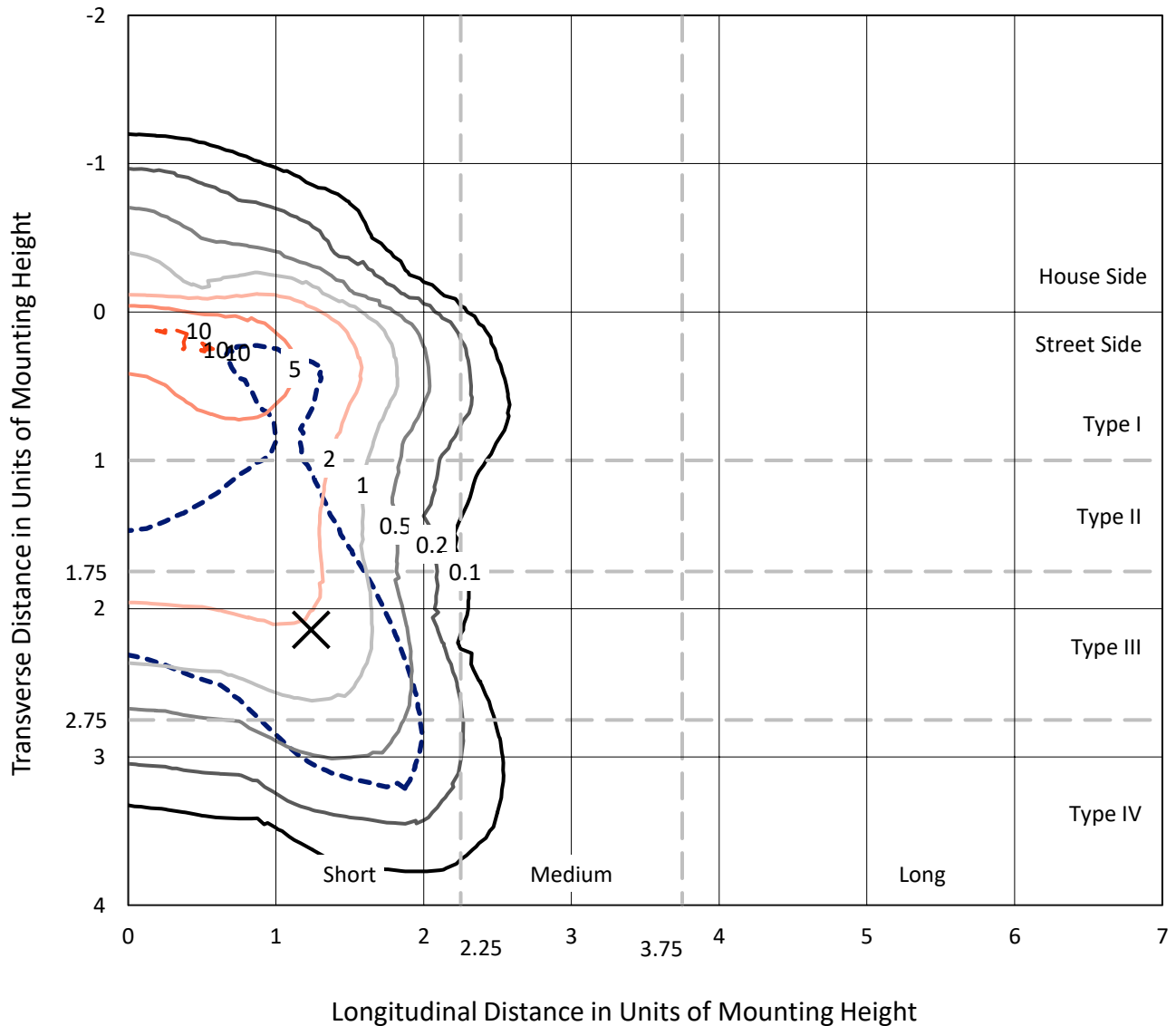
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 30569.5 lumens  
Efficiency: N/A  
Efficacy: 76.5 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): 399.8  
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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 CATALOG NUMBER: GLAN-SB8C-930-U-T4LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

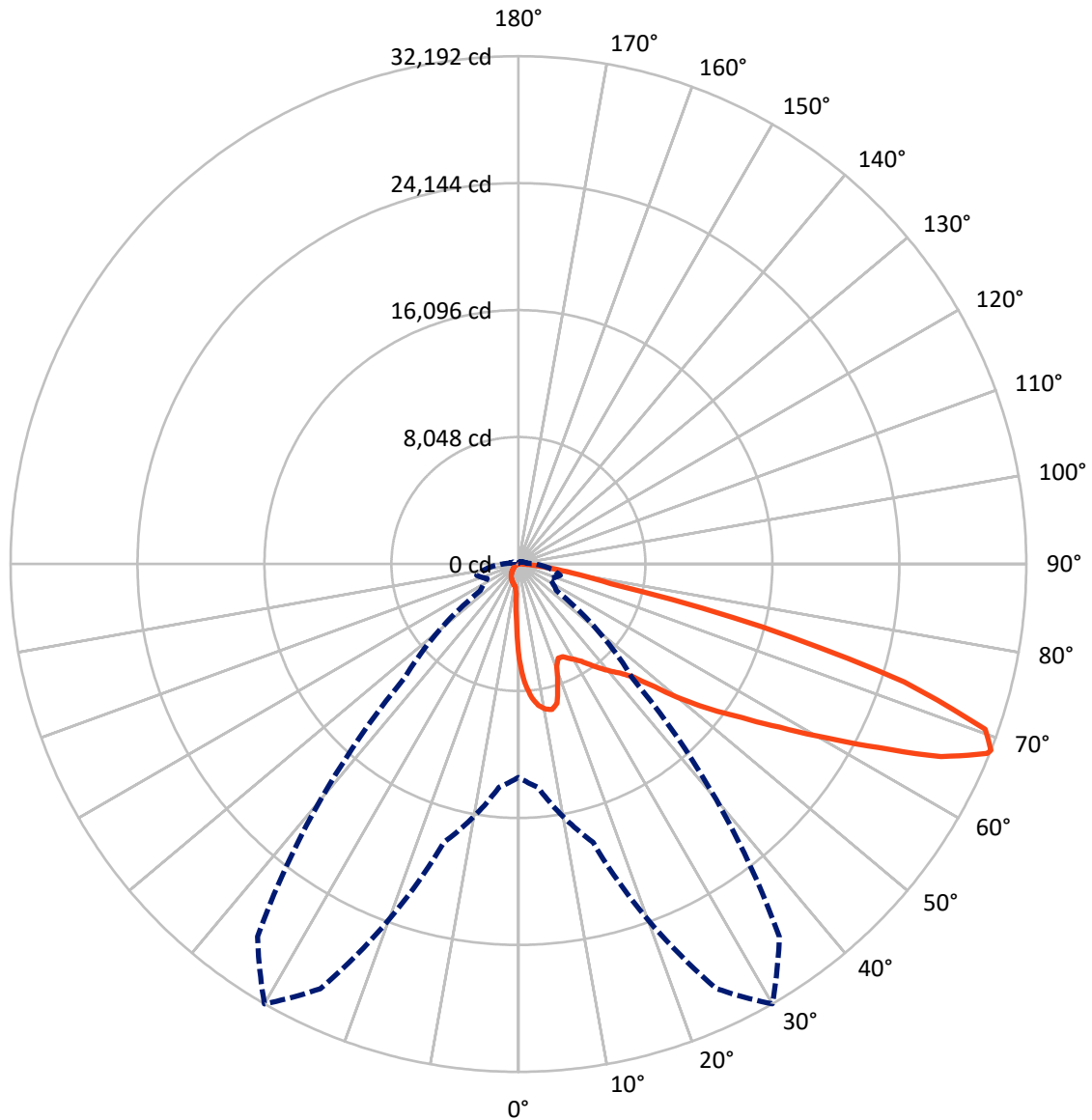
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 10.2 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	2333.3	0.0	2333.3
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	28236.3	0.0	28236.3
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	30569.5	0.0	30569.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	520.1	1.7
10°-20°	1485.0	4.9
20°-30°	2333.6	7.6
30°-40°	3660.0	12.0
40°-50°	5470.7	17.9
50°-60°	7277.8	23.8
60°-70°	7035.3	23.0
70°-80°	2528.9	8.3
80°-90°	258.1	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°	30569.5	100.0
0°-180°	30569.5	100.0



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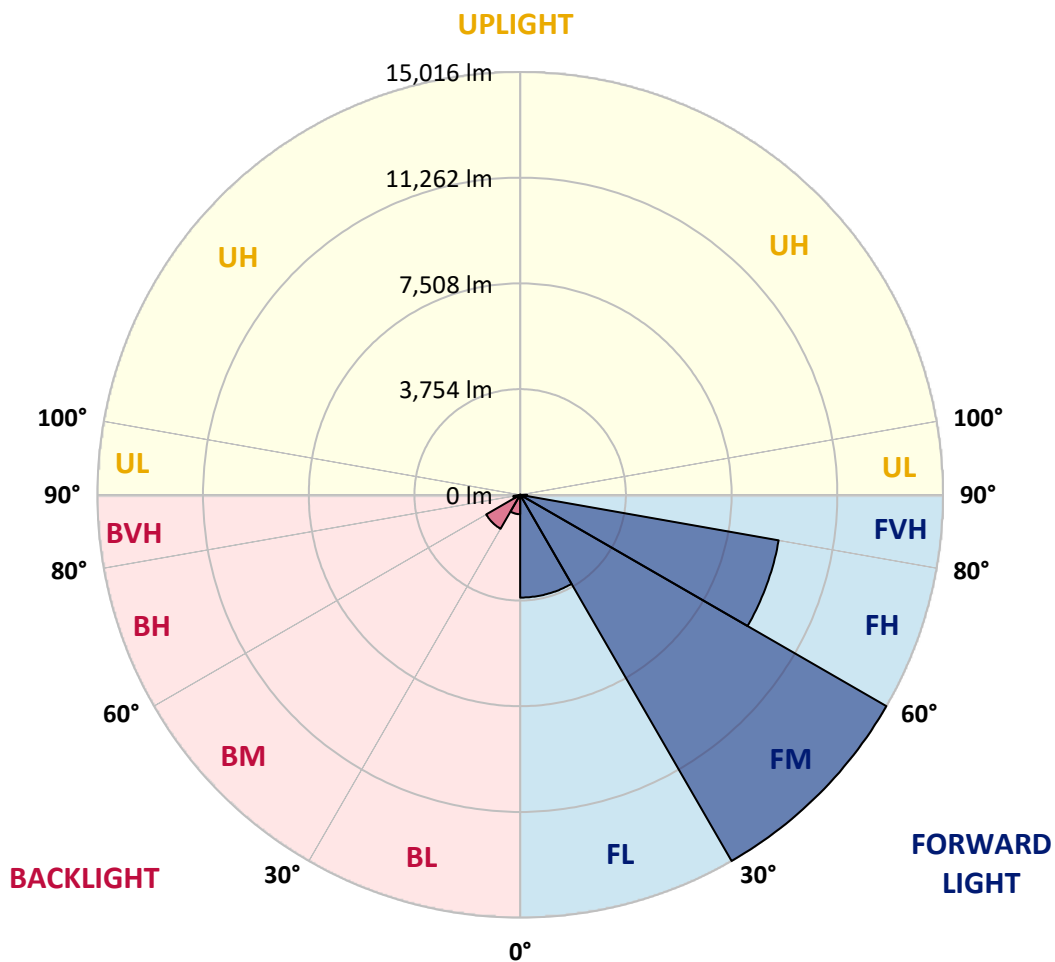
CATALOG NUMBER: GLAN-SB8C-930-U-T4LG-HSS

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3650.0	11.9			
FM	(30°-60°)	15015.7	49.1			
FH	(60°-80°)	9321.6	30.5			G4/12000
FVH	(80°-90°)	248.9	0.8			G3/500
BL	(0°-30°)	688.7	2.3	B2/1000		
BM	(30°-60°)	1392.7	4.6	B2/2500		
BH	(60°-80°)	242.7	0.8	B1/500		G1/500
BVH	(80°-90°)	9.2	0.0			G0/10
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°	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9
2.5°	7704.4	7704.4	7649.4	7576.2	7493.7	7466.2	7310.5	7090.6	6861.6	6595.9	6211.2
5°	8693.8	8684.6	8574.7	8574.7	8464.8	8364.0	8208.3	7887.6	7521.2	7044.8	6376.1
7.5°	9133.5	9151.9	9106.0	9106.0	9041.9	8968.6	8877.0	8565.5	8135.0	7493.7	6541.0
10°	9289.3	9298.4	9298.4	9362.6	9344.2	9335.1	9325.9	9151.9	8703.0	7951.8	6715.0
12.5°	8913.7	8959.5	9087.7	9371.7	9463.3	9564.1	9701.5	9646.5	9335.1	8528.9	6980.7
15°	7704.4	7713.6	8070.9	8776.3	9151.9	9536.6	10068.0	10177.9	9976.3	9151.9	7255.5
17.5°	6357.7	6385.2	6669.2	7457.1	8061.7	8950.3	10278.7	10727.5	10654.3	9765.6	7512.0
20°	5798.9	5835.6	5973.0	6467.7	6925.7	7750.2	10068.0	11249.7	11277.2	10379.4	7750.2
22.5°	5670.7	5698.1	5808.1	6192.8	6476.8	7026.5	9353.4	11662.0	11982.6	11084.8	8034.2
25°	5634.0	5661.5	5826.4	6247.8	6513.5	6971.5	8703.0	11881.8	12816.3	11817.7	8309.0
27.5°	5606.5	5643.2	5908.9	6449.4	6760.8	7200.6	8583.9	11927.6	13613.3	12596.4	8757.9
30°	5643.2	5698.1	6046.3	6660.1	7017.3	7512.0	8867.9	11973.4	14492.7	13485.0	9325.9
32.5°	5789.8	5835.6	6257.0	6944.0	7356.3	7915.1	9353.4	12248.3	15326.4	14392.0	9866.4
35°	5954.7	6018.8	6522.6	7347.1	7841.8	8473.9	10013.0	12788.8	16123.4	15253.1	10425.2
37.5°	6156.2	6229.5	6834.1	7805.2	8373.2	9087.7	10727.5	13540.0	16828.8	15958.5	10984.1
40°	6431.0	6513.5	7191.4	8290.7	8904.5	9619.1	11432.9	14282.0	17369.3	16379.9	11350.5
42.5°	7512.0	7622.0	7906.0	8767.1	9454.2	10187.0	12129.2	14987.4	17570.8	16517.3	11423.8
45°	9527.5	9637.4	9564.1	9729.0	10187.0	10874.1	12889.5	15665.3	17598.3	16480.7	11387.1
47.5°	11552.0	11680.3	11616.2	11524.6	11625.3	11955.1	13741.5	16095.9	17451.7	16462.3	11387.1
50°	13485.0	13411.7	13420.9	13393.4	13485.0	13659.1	14566.0	16178.3	17415.1	16636.4	11487.9
52.5°	14520.2	14556.8	14785.9	15124.8	15326.4	15500.4	15509.6	16306.6	17149.4	16343.2	11368.8
55°	15537.1	15610.4	16141.7	16718.8	17167.7	17497.5	16453.2	16224.2	15564.6	15363.0	10745.9
57.5°	16682.2	16783.0	17534.2	18725.1	19513.0	19687.0	17387.6	14685.1	13173.5	13961.4	9536.6
60°	18257.9	18377.0	19375.5	21161.9	22334.5	21977.3	17460.9	12239.1	10461.9	11588.7	7869.3
62.5°	19494.6	19732.8	21537.5	24322.5	25614.2	24478.2	16095.9	9380.9	7310.5	8144.1	5744.0
65°	18175.4	18633.5	21574.2	27941.1	29434.3	27418.9	13952.2	6403.5	4122.5	5267.6	3673.6
67.5°	14694.3	15335.5	19155.7	29700.0	32054.4	28967.1	10984.1	3398.7	2363.5	3059.8	1933.0
68°	13521.7	14217.9	18267.1	29700.0	32191.8	28829.7	10196.2	2940.7	2180.3	2748.3	1676.5
70°	9344.2	9838.9	14043.8	28032.7	31385.6	26282.9	6715.0	1685.6	1639.8	1887.2	1108.5
72.5°	4580.5	5111.8	7512.0	22215.5	25568.4	20200.0	3059.8	1117.6	1245.9	1383.3	870.3
75°	1823.0	1933.0	2959.0	10956.6	15976.8	12889.5	1603.2	842.8	1071.8	1081.0	687.1
77.5°	1044.4	1108.5	1639.8	4030.8	5991.3	5762.3	1035.2	604.6	852.0	778.7	448.9
80°	586.3	595.5	925.3	2125.4	3426.2	3068.9	705.4	439.7	650.4	549.7	302.3
82.5°	293.2	329.8	586.3	1172.6	1905.5	1951.3	375.6	311.5	522.2	393.9	247.3
85°	210.7	229.0	421.4	650.4	879.5	1319.2	229.0	155.7	393.9	265.7	174.1
87.5°	109.9	137.4	265.7	320.6	357.3	448.9	109.9	73.3	219.9	155.7	91.6
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: P1459133

CATALOG NUMBER: GLAN-SB8C-930-U-T4LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9	6027.9
2.5°	6027.9	5817.2	5386.7	4882.8	4488.9	4085.8	3756.0	3444.5	3298.0	3279.6	3316.3
5°	6000.5	5542.4	4562.2	3600.3	2812.4	2262.8	1960.5	1804.7	1722.3	1685.6	1694.8
7.5°	5945.5	5249.3	3682.7	2436.8	1823.0	1584.9	1511.6	1484.1	1474.9	1474.9	1474.9
10°	5890.5	4855.3	2821.6	1786.4	1493.2	1429.1	1410.8	1410.8	1401.6	1401.6	1410.8
12.5°	5863.0	4488.9	2189.5	1493.2	1392.5	1365.0	1346.7	1337.5	1337.5	1337.5	1346.7
15°	5798.9	4085.8	1768.1	1383.3	1328.3	1291.7	1282.5	1273.4	1273.4	1273.4	1273.4
17.5°	5744.0	3691.9	1539.1	1310.0	1264.2	1227.6	1218.4	1209.3	1209.3	1218.4	1218.4
20°	5661.5	3316.3	1383.3	1236.7	1200.1	1163.4	1154.3	1145.1	1154.3	1154.3	1154.3
22.5°	5560.7	3004.8	1291.7	1181.8	1136.0	1099.3	1099.3	1099.3	1099.3	1099.3	1108.5
25°	5496.6	2784.9	1227.6	1117.6	1071.8	1044.4	1035.2	1035.2	1053.5	1053.5	1062.7
27.5°	5597.4	2730.0	1236.7	1099.3	1016.9	989.4	980.2	980.2	998.6	1007.7	1016.9
30°	5899.7	2830.8	1346.7	1154.3	980.2	934.4	925.3	925.3	952.7	961.9	971.1
32.5°	6247.8	3041.5	1511.6	1227.6	952.7	879.5	861.1	861.1	888.6	897.8	906.9
35°	6724.2	3371.3	1731.4	1291.7	971.1	824.5	787.8	787.8	806.2	824.5	833.7
37.5°	7338.0	3911.8	1987.9	1337.5	971.1	760.4	714.6	705.4	723.7	723.7	732.9
40°	7979.2	4617.2	2253.6	1337.5	925.3	696.2	650.4	622.9	632.1	622.9	632.1
42.5°	8336.5	5185.1	2482.6	1255.1	870.3	632.1	586.3	549.7	540.5	522.2	531.3
45°	8538.1	5441.6	2418.5	1163.4	815.3	586.3	531.3	485.5	467.2	439.7	439.7
47.5°	8538.1	5469.1	2070.4	1090.2	760.4	549.7	476.4	430.6	403.1	375.6	384.8
50°	8437.3	5221.8	1639.8	1016.9	696.2	513.0	430.6	393.9	357.3	339.0	339.0
52.5°	8015.9	4415.6	1255.1	925.3	622.9	467.2	384.8	348.1	311.5	302.3	302.3
55°	7292.2	3243.0	1016.9	833.7	558.8	430.6	348.1	320.6	284.0	265.7	265.7
57.5°	5927.2	2217.0	842.8	751.2	494.7	384.8	311.5	284.0	238.2	219.9	219.9
60°	4397.3	1447.4	714.6	659.6	421.4	348.1	274.8	238.2	201.5	183.2	174.1
62.5°	2968.2	980.2	595.5	522.2	357.3	302.3	238.2	201.5	155.7	119.1	119.1
65°	1850.5	760.4	494.7	412.2	311.5	265.7	201.5	155.7	109.9	82.4	73.3
67.5°	1062.7	613.8	403.1	320.6	265.7	210.7	155.7	128.3	91.6	64.1	55.0
68°	980.2	586.3	375.6	302.3	247.3	201.5	146.6	119.1	82.4	55.0	55.0
70°	797.0	522.2	320.6	247.3	210.7	164.9	128.3	100.8	64.1	36.6	36.6
72.5°	705.4	439.7	274.8	192.4	146.6	137.4	100.8	73.3	45.8	27.5	18.3
75°	577.1	348.1	219.9	146.6	100.8	100.8	73.3	45.8	18.3	0.0	0.0
77.5°	375.6	256.5	174.1	91.6	55.0	64.1	45.8	18.3	0.0	0.0	0.0
80°	247.3	192.4	119.1	45.8	27.5	27.5	9.2	0.0	0.0	0.0	0.0
82.5°	174.1	128.3	73.3	18.3	9.2	9.2	0.0	0.0	0.0	0.0	0.0
85°	109.9	55.0	27.5	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	45.8	18.3	9.2	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**

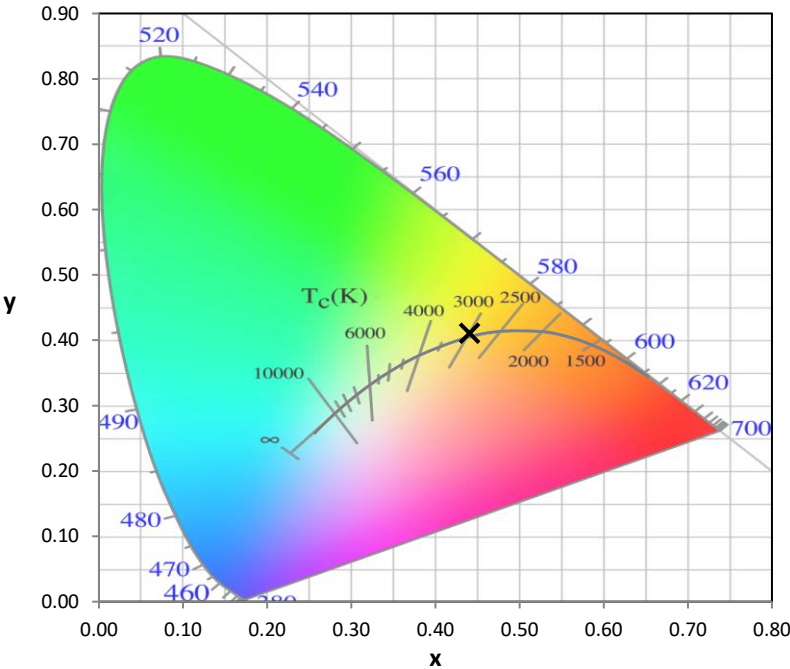
Stabilization Time: 20M  
 Operation Time: 1H 20M  
 Sphere Temperature (°C): 25.2

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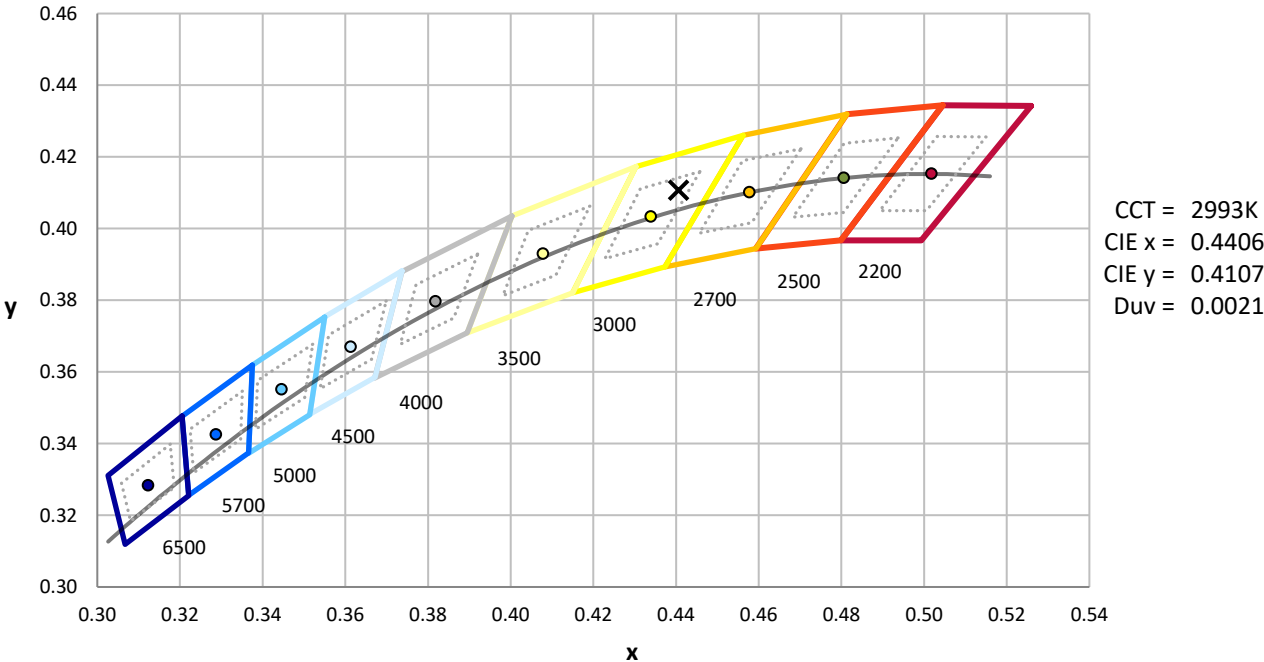
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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

REPORT NUMBER: SP1-2407-184-14

**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)