

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: P1459130

Luminaire Tested: GLAN-SB7D-930-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1459130  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB7D-930-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (182) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

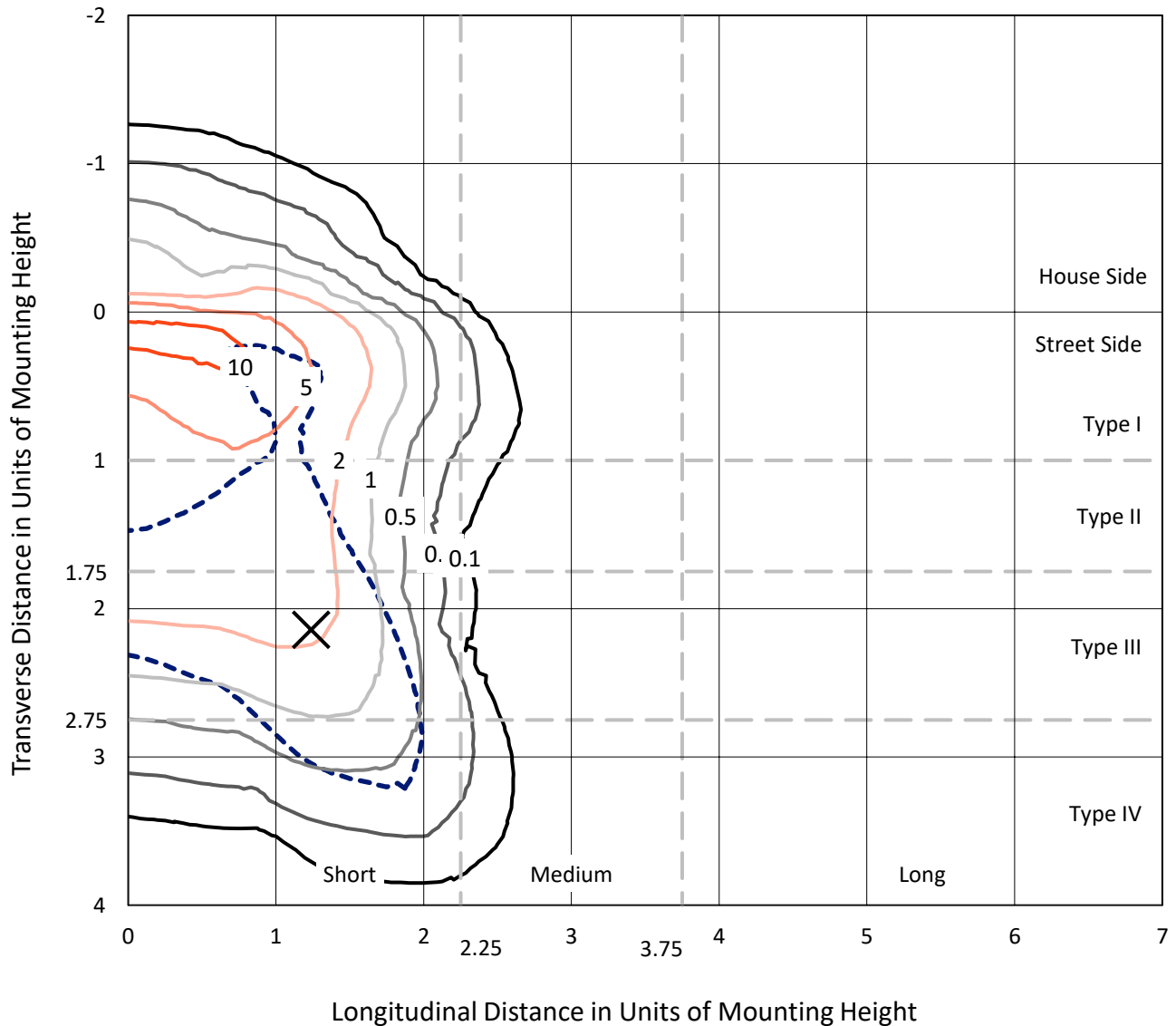
Lumens per Lamp: N/A  
Luminaire Lumens: 36531.4 lumens  
Efficiency: N/A  
Efficacy: 71.2 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4

Input Watts (W): 512.8  
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

REPORT NUMBER: P1459130  
 CATALOG NUMBER: GLAN-SB7D-930-U-T4LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

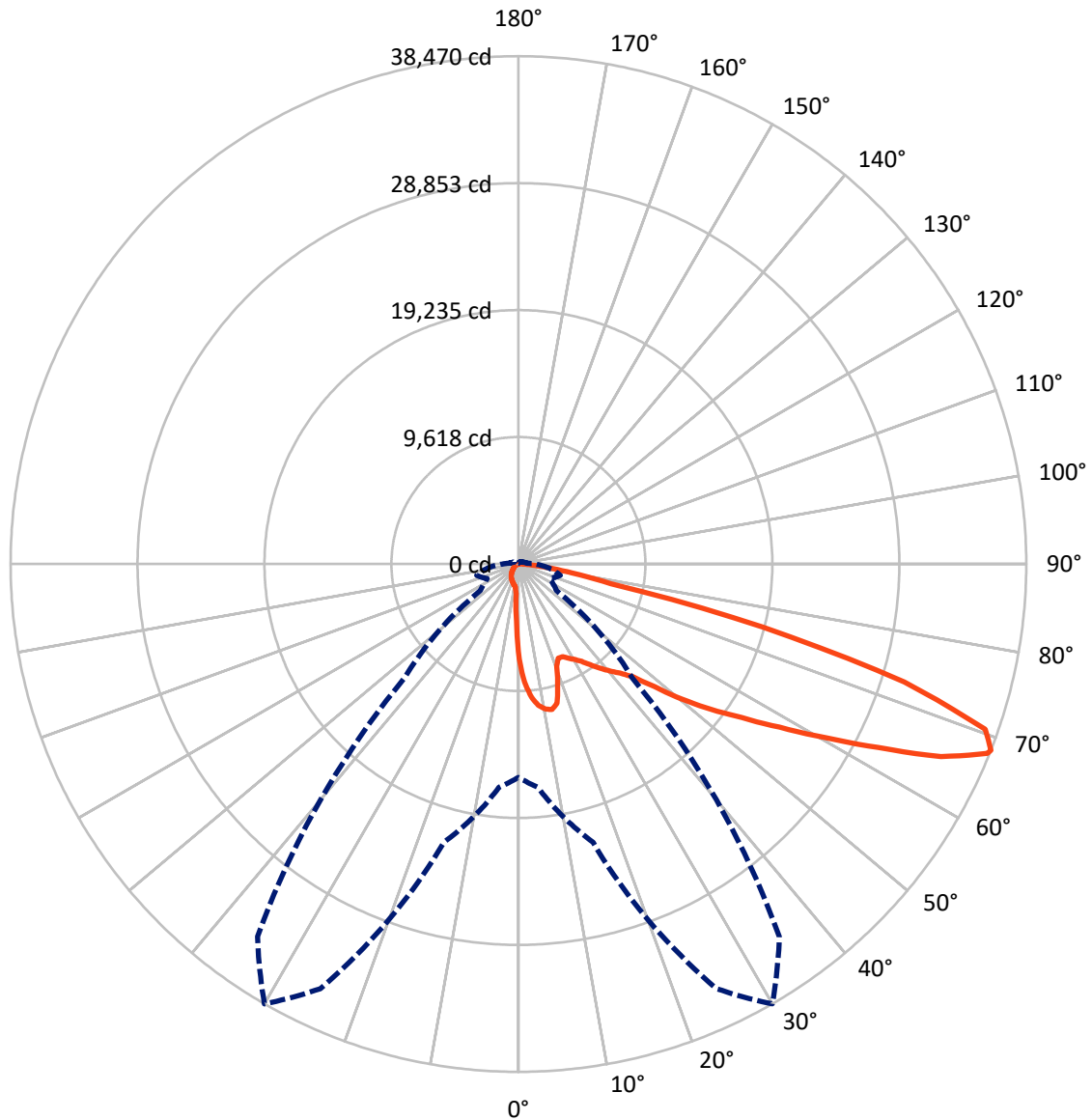
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 12.2 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	2788.3	0.0	2788.3
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	33743.1	0.0	33743.1
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	36531.4	0.0	36531.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	621.6	1.7
10°-20°	1774.6	4.9
20°-30°	2788.7	7.6
30°-40°	4373.8	12.0
40°-50°	6537.6	17.9
50°-60°	8697.1	23.8
60°-70°	8407.4	23.0
70°-80°	3022.1	8.3
80°-90°	308.4	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°	36531.4	100.0
0°-180°	36531.4	100.0



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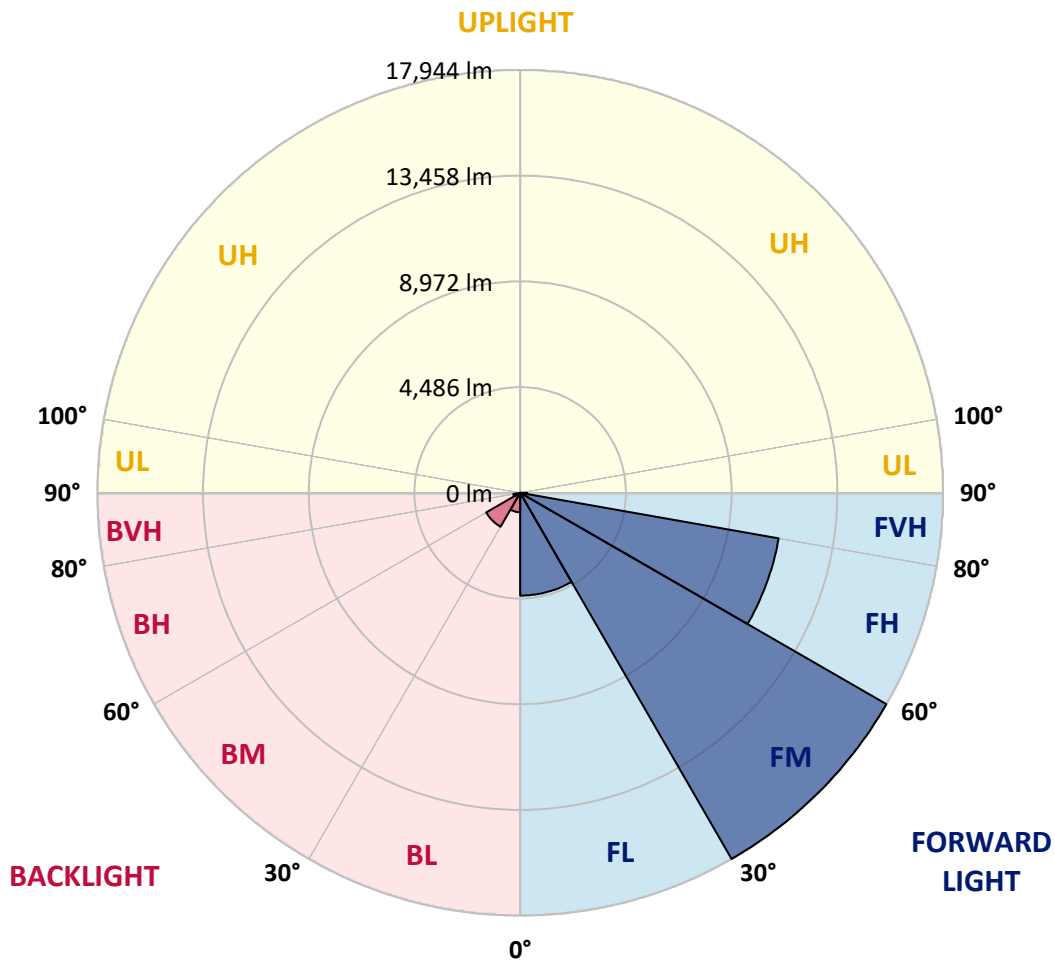
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4361.8	11.9			
FM	(30°-60°)	17944.2	49.1			
FH	(60°-80°)	11139.6	30.5			G4/12000
FVH	(80°-90°)	297.5	0.8			G3/500
BL	(0°-30°)	823.0	2.3	B2/1000		
BM	(30°-60°)	1664.3	4.6	B2/2500		
BH	(60°-80°)	290.0	0.8	B1/500		G1/500
BVH	(80°-90°)	10.9	0.0			G1/100
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°	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6
2.5°	9207.0	9207.0	9141.3	9053.7	8955.2	8922.4	8736.2	8473.5	8199.8	7882.3	7422.5
5°	10389.3	10378.4	10247.0	10247.0	10115.6	9995.2	9809.1	9425.9	8988.0	8418.8	7619.6
7.5°	10914.8	10936.7	10882.0	10882.0	10805.3	10717.8	10608.3	10236.1	9721.5	8955.2	7816.6
10°	11100.9	11111.9	11111.9	11188.5	11166.6	11155.7	11144.7	10936.7	10400.3	9502.6	8024.6
12.5°	10652.1	10706.8	10860.1	11199.5	11308.9	11429.4	11593.6	11527.9	11155.7	10192.3	8342.1
15°	9207.0	9217.9	9644.9	10487.9	10936.7	11396.5	12031.5	12162.9	11922.0	10936.7	8670.6
17.5°	7597.7	7630.5	7969.9	8911.4	9633.9	10695.9	12283.3	12819.7	12732.1	11670.2	8977.1
20°	6929.9	6973.7	7137.9	7729.1	8276.4	9261.7	12031.5	13443.7	13476.6	12403.7	9261.7
22.5°	6776.6	6809.5	6940.8	7400.6	7740.0	8396.9	11177.6	13936.4	14319.6	13246.7	9601.1
25°	6732.8	6765.7	6962.7	7466.3	7783.8	8331.2	10400.3	14199.1	15315.8	14122.5	9929.5
27.5°	6700.0	6743.8	7061.2	7707.2	8079.4	8604.9	10258.0	14253.9	16268.2	15053.0	10466.0
30°	6743.8	6809.5	7225.5	7959.0	8385.9	8977.1	10597.3	14308.6	17319.2	16115.0	11144.7
32.5°	6918.9	6973.7	7477.3	8298.3	8791.0	9458.8	11177.6	14637.0	18315.4	17198.8	11790.6
35°	7116.0	7192.6	7794.7	8780.0	9371.2	10126.6	11965.8	15282.9	19267.9	18227.9	12458.4
37.5°	7356.8	7444.4	8167.0	9327.4	10006.2	10860.1	12819.7	16180.7	20110.9	19070.8	13126.3
40°	7685.3	7783.8	8593.9	9907.6	10641.1	11495.1	13662.7	17067.4	20756.8	19574.4	13564.2
42.5°	8977.1	9108.5	9447.8	10476.9	11298.0	12173.8	14494.7	17910.4	20997.6	19738.6	13651.7
45°	11385.6	11516.9	11429.4	11626.4	12173.8	12994.9	15403.4	18720.5	21030.5	19694.9	13608.0
47.5°	13805.0	13958.3	13881.6	13772.2	13892.6	14286.7	16421.5	19235.1	20855.3	19673.0	13608.0
50°	16115.0	16027.4	16038.3	16005.5	16115.0	16323.0	17406.8	19333.6	20811.5	19881.0	13728.4
52.5°	17352.1	17395.8	17669.5	18074.6	18315.4	18523.5	18534.4	19486.9	20494.0	19530.6	13586.1
55°	18567.2	18654.8	19289.8	19979.5	20515.9	20910.0	19662.0	19388.3	18600.1	18359.2	12841.6
57.5°	19935.7	20056.1	20953.8	22377.0	23318.5	23526.5	20778.7	17549.1	15742.7	16684.2	11396.5
60°	21818.7	21961.0	23154.3	25289.1	26690.4	26263.5	20866.3	14626.1	12502.2	13848.8	9404.0
62.5°	23296.6	23581.3	25738.0	29066.1	30609.7	29252.2	19235.1	11210.4	8736.2	9732.5	6864.2
65°	21720.2	22267.6	25781.8	33390.4	35174.9	32766.4	16673.3	7652.4	4926.5	6294.9	4390.0
67.5°	17560.1	18326.4	22891.6	35492.3	38305.9	34616.5	13126.3	4061.6	2824.5	3656.5	2310.0
68°	16158.8	16990.8	21829.7	35492.3	38470.1	34452.3	12184.8	3514.2	2605.5	3284.3	2003.4
70°	11166.6	11757.8	16782.8	33499.9	37506.7	31408.9	8024.6	2014.4	1959.6	2255.2	1324.7
72.5°	5473.8	6108.8	8977.1	26548.1	30554.9	24139.6	3656.5	1335.6	1488.9	1653.1	1040.0
75°	2178.6	2310.0	3536.1	13093.4	19092.7	15403.4	1915.8	1007.2	1280.9	1291.8	821.1
77.5°	1248.0	1324.7	1959.6	4817.0	7159.8	6886.1	1237.1	722.5	1018.1	930.6	536.4
80°	700.7	711.6	1105.7	2539.9	4094.4	3667.5	843.0	525.5	777.3	656.9	361.3
82.5°	350.3	394.1	700.7	1401.3	2277.1	2331.9	448.9	372.2	624.0	470.7	295.6
85°	251.8	273.7	503.6	777.3	1051.0	1576.5	273.7	186.1	470.7	317.5	208.0
87.5°	131.4	164.2	317.5	383.2	427.0	536.4	131.4	87.6	262.7	186.1	109.5
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-SB7D-930-U-T4LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6	7203.6
2.5°	7203.6	6951.8	6437.2	5835.1	5364.4	4882.7	4488.5	4116.3	3941.2	3919.3	3963.1
5°	7170.7	6623.3	5451.9	4302.4	3360.9	2704.1	2342.8	2156.7	2058.2	2014.4	2025.3
7.5°	7105.0	6273.0	4401.0	2912.1	2178.6	1893.9	1806.4	1773.5	1762.6	1762.6	1762.6
10°	7039.4	5802.3	3371.9	2134.8	1784.5	1707.8	1685.9	1685.9	1675.0	1675.0	1685.9
12.5°	7006.5	5364.4	2616.5	1784.5	1664.0	1631.2	1609.3	1598.4	1598.4	1598.4	1609.3
15°	6929.9	4882.7	2112.9	1653.1	1587.4	1543.6	1532.7	1521.7	1521.7	1521.7	1521.7
17.5°	6864.2	4411.9	1839.2	1565.5	1510.8	1467.0	1456.0	1445.1	1445.1	1456.0	1456.0
20°	6765.7	3963.1	1653.1	1477.9	1434.1	1390.4	1379.4	1368.5	1379.4	1379.4	1379.4
22.5°	6645.2	3590.8	1543.6	1412.2	1357.5	1313.7	1313.7	1313.7	1313.7	1313.7	1324.7
25°	6568.6	3328.1	1467.0	1335.6	1280.9	1248.0	1237.1	1237.1	1259.0	1259.0	1269.9
27.5°	6689.0	3262.4	1477.9	1313.7	1215.2	1182.3	1171.4	1171.4	1193.3	1204.2	1215.2
30°	7050.3	3382.8	1609.3	1379.4	1171.4	1116.7	1105.7	1105.7	1138.6	1149.5	1160.5
32.5°	7466.3	3634.6	1806.4	1467.0	1138.6	1051.0	1029.1	1029.1	1061.9	1072.9	1083.8
35°	8035.6	4028.7	2069.1	1543.6	1160.5	985.3	941.5	941.5	963.4	985.3	996.2
37.5°	8769.1	4674.7	2375.6	1598.4	1160.5	908.7	853.9	843.0	864.9	864.9	875.8
40°	9535.4	5517.6	2693.1	1598.4	1105.7	832.0	777.3	744.4	755.4	744.4	755.4
42.5°	9962.4	6196.4	2966.8	1499.8	1040.0	755.4	700.7	656.9	645.9	624.0	635.0
45°	10203.2	6502.9	2890.2	1390.4	974.3	700.7	635.0	580.2	558.3	525.5	525.5
47.5°	10203.2	6535.8	2474.2	1302.8	908.7	656.9	569.3	514.5	481.7	448.9	459.8
50°	10082.8	6240.2	1959.6	1215.2	832.0	613.1	514.5	470.7	427.0	405.1	405.1
52.5°	9579.2	5276.8	1499.8	1105.7	744.4	558.3	459.8	416.0	372.2	361.3	361.3
55°	8714.3	3875.5	1215.2	996.2	667.8	514.5	416.0	383.2	339.4	317.5	317.5
57.5°	7083.1	2649.3	1007.2	897.7	591.2	459.8	372.2	339.4	284.6	262.7	262.7
60°	5254.9	1729.7	853.9	788.2	503.6	416.0	328.4	284.6	240.8	219.0	208.0
62.5°	3547.0	1171.4	711.6	624.0	427.0	361.3	284.6	240.8	186.1	142.3	142.3
65°	2211.4	908.7	591.2	492.6	372.2	317.5	240.8	186.1	131.4	98.5	87.6
67.5°	1269.9	733.5	481.7	383.2	317.5	251.8	186.1	153.3	109.5	76.6	65.7
68°	1171.4	700.7	448.9	361.3	295.6	240.8	175.2	142.3	98.5	65.7	65.7
70°	952.4	624.0	383.2	295.6	251.8	197.1	153.3	120.4	76.6	43.8	43.8
72.5°	843.0	525.5	328.4	229.9	175.2	164.2	120.4	87.6	54.7	32.8	21.9
75°	689.7	416.0	262.7	175.2	120.4	120.4	87.6	54.7	21.9	0.0	0.0
77.5°	448.9	306.5	208.0	109.5	65.7	76.6	54.7	21.9	0.0	0.0	0.0
80°	295.6	229.9	142.3	54.7	32.8	32.8	10.9	0.0	0.0	0.0	0.0
82.5°	208.0	153.3	87.6	21.9	10.9	10.9	0.0	0.0	0.0	0.0	0.0
85°	131.4	65.7	32.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	54.7	21.9	10.9	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



CCT = 2993K  
 CIE x = 0.4406  
 CIE y = 0.4107  
 Duv = 0.0021

Point lies inside the ANSI 3000K 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	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**



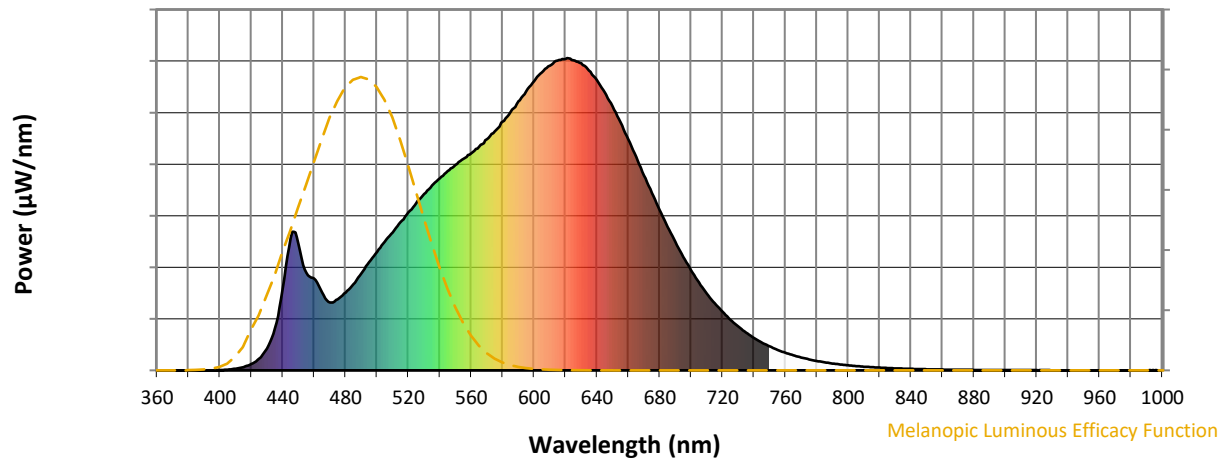
**Scotopic Lumens: NR**

**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			

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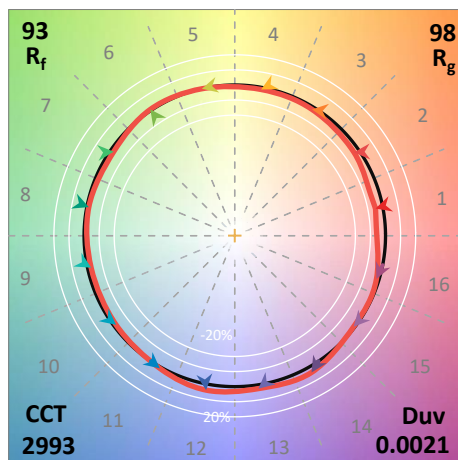
TM-30-18

**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)