

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: P1456231

Luminaire Tested: GLAN-SB3A-930-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1456231  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3A-930-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square  
PACKAGE 90CRI 3000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (78) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

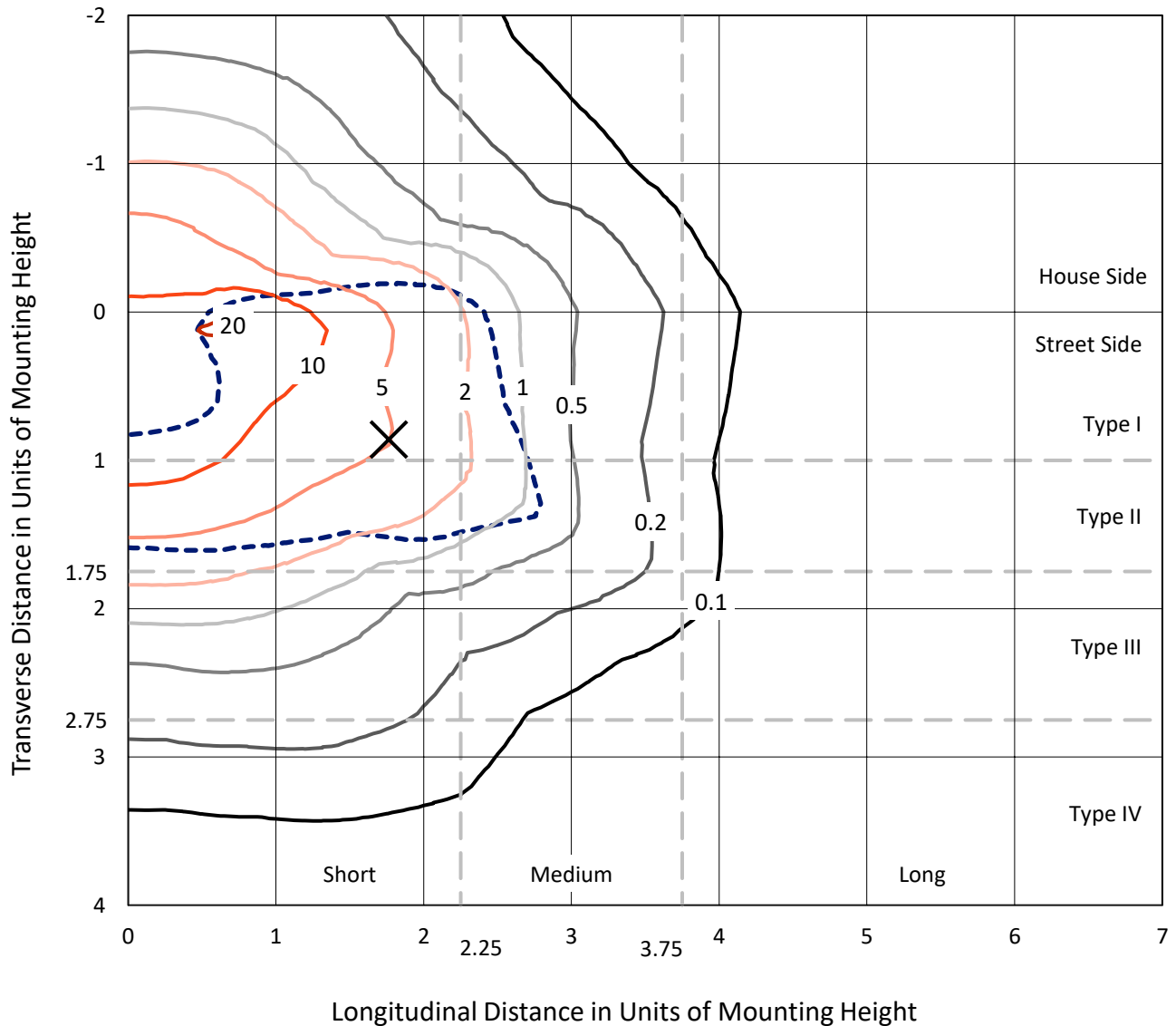
Lumens per Lamp: N/A  
Luminaire Lumens: 9064.1 lumens  
Efficiency: N/A  
Efficacy: 107.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G2

Input Watts (W): 84.7  
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-SB3A-930-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

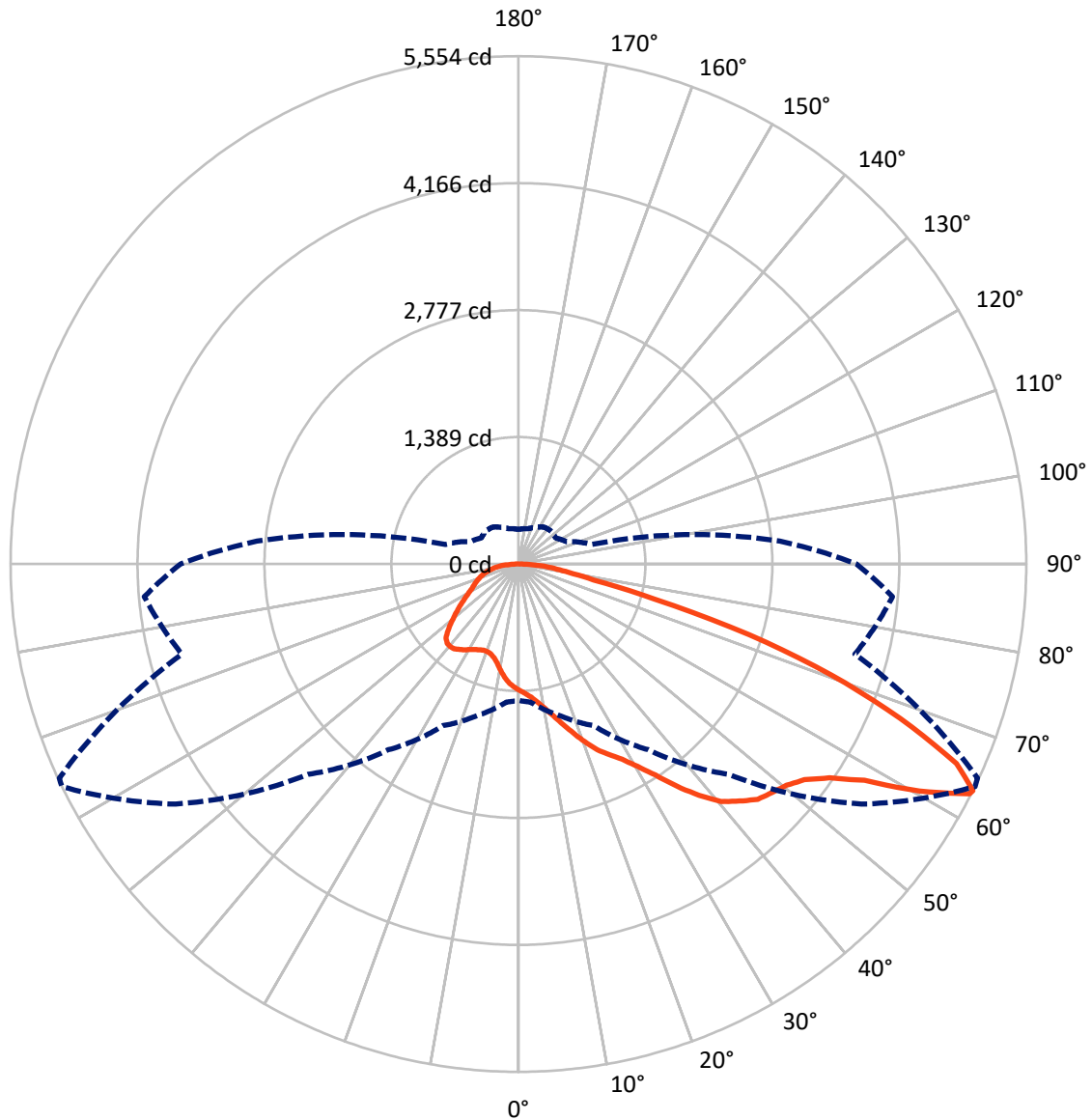


Based on 10 foot mounting height. Maximum calculated value = 21.3 fc  
 Type II - Short - N/A

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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	2435.3	0.0	2435.3
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	6628.8	0.0	6628.8
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	9064.1	0.0	9064.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	126.7	1.4
10°-20°	390.2	4.3
20°-30°	713.5	7.9
30°-40°	1227.3	13.5
40°-50°	1809.9	20.0
50°-60°	2169.3	23.9
60°-70°	1741.1	19.2
70°-80°	699.6	7.7
80°-90°	186.6	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°	9064.1	100.0
0°-180°	9064.1	100.0



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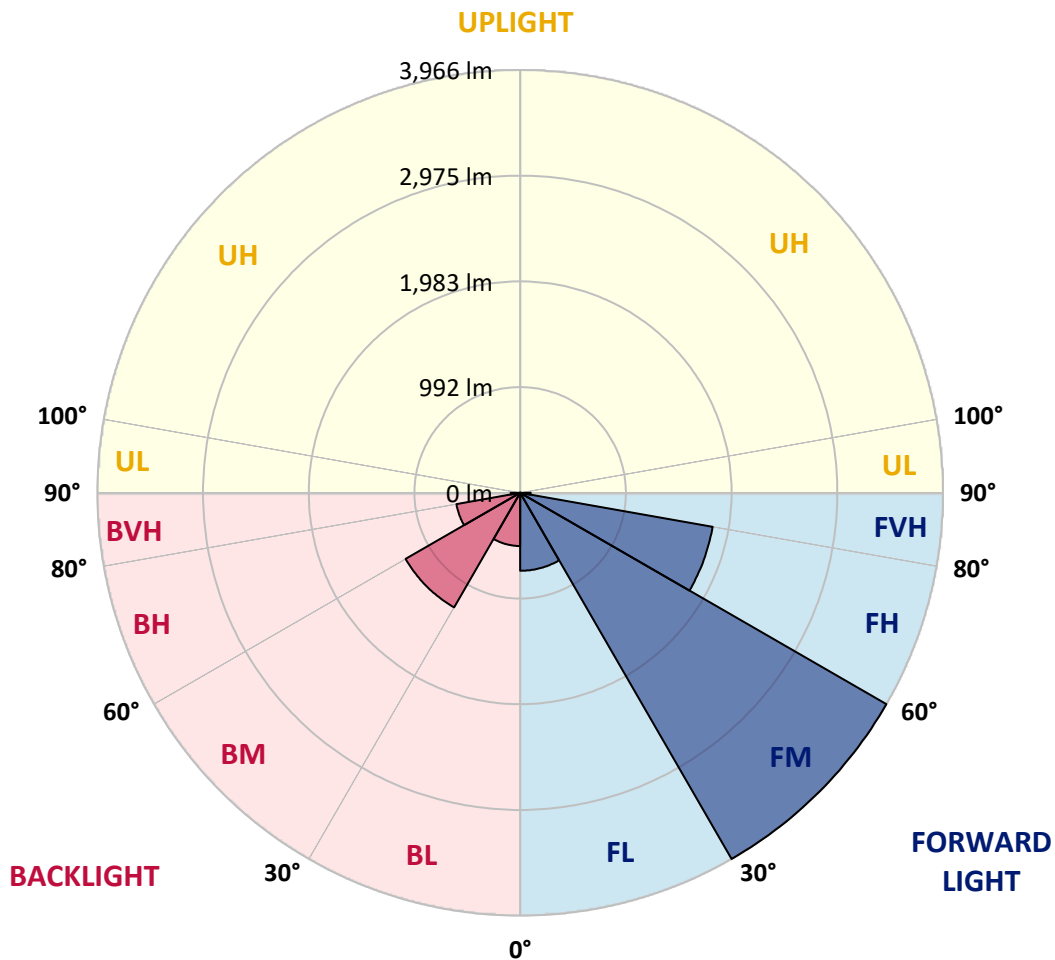
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	731.3	8.1			
FM	(30°-60°)	3966.0	43.8			
FH	(60°-80°)	1833.5	20.2			G2/5000
FVH	(80°-90°)	98.0	1.1			G1/100
BL	(0°-30°)	499.1	5.5	B1/500		
BM	(30°-60°)	1240.5	13.7	B2/2500		
BH	(60°-80°)	607.2	6.7	B2/1000		G2/1000
BVH	(80°-90°)	88.5	1.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4
2.5°	1437.4	1439.4	1433.3	1431.3	1435.3	1427.2	1425.2	1417.0	1412.9	1404.8	1394.6
5°	1478.1	1480.1	1476.1	1476.1	1480.1	1474.0	1472.0	1463.8	1459.8	1451.6	1431.3
7.5°	1476.1	1478.1	1482.2	1498.4	1518.8	1526.9	1533.1	1526.9	1524.9	1512.7	1492.3
10°	1443.5	1445.5	1455.7	1480.1	1531.0	1567.7	1606.4	1606.4	1610.4	1600.2	1563.6
12.5°	1398.7	1400.7	1425.2	1463.8	1531.0	1594.1	1673.5	1706.1	1704.1	1698.0	1655.2
15°	1290.8	1290.8	1327.4	1400.7	1508.6	1612.5	1730.5	1818.1	1820.1	1826.2	1775.3
17.5°	1199.2	1201.2	1231.7	1296.9	1437.4	1602.3	1791.6	1942.3	1948.4	1983.0	1909.7
20°	1207.3	1207.3	1217.5	1246.0	1360.0	1561.6	1826.2	2074.6	2095.0	2176.4	2084.8
22.5°	1270.4	1270.4	1278.6	1276.5	1345.8	1535.1	1848.6	2207.0	2243.6	2412.6	2294.5
25°	1386.5	1384.4	1376.3	1364.1	1404.8	1563.6	1899.5	2308.7	2380.0	2673.2	2536.8
27.5°	1529.0	1524.9	1512.7	1492.3	1520.8	1649.1	1987.1	2416.7	2494.0	2958.2	2793.3
30°	1706.1	1693.9	1681.7	1655.2	1685.8	1789.6	2117.4	2569.3	2642.6	3281.9	3102.8
32.5°	1915.8	1930.1	1889.3	1852.7	1885.3	1981.0	2310.8	2750.5	2829.9	3619.9	3424.4
35°	2229.3	2272.1	2259.9	2074.6	2105.2	2211.0	2536.8	2984.7	3055.9	3927.3	3754.3
37.5°	2538.8	2528.6	2538.8	2384.1	2335.2	2463.5	2779.0	3208.6	3277.9	4177.7	4045.4
40°	2787.2	2817.7	2817.7	2691.5	2628.4	2713.9	2998.9	3414.3	3481.4	4316.2	4255.1
42.5°	3058.0	3062.0	3053.9	2944.0	2919.5	2941.9	3192.3	3544.6	3599.5	4387.4	4397.6
45°	3363.4	3361.3	3326.7	3235.1	3198.4	3178.1	3312.5	3670.8	3725.8	4420.0	4475.0
47.5°	3615.8	3626.0	3628.0	3530.3	3469.2	3381.7	3416.3	3733.9	3797.0	4383.4	4491.3
50°	3630.1	3646.4	3723.7	3752.2	3740.0	3599.5	3512.0	3801.1	3864.2	4391.5	4550.3
52.5°	3540.5	3556.8	3656.5	3774.6	3917.1	3849.9	3662.6	3917.1	3982.3	4470.9	4684.7
55°	3300.2	3326.7	3475.3	3640.2	3894.7	3990.4	3929.3	4126.8	4187.9	4534.0	4841.4
57.5°	2872.7	2905.3	3110.9	3373.5	3721.7	3957.9	4316.2	4462.8	4513.7	4578.8	4843.5
60°	2147.9	2174.4	2496.1	2850.3	3373.5	3754.3	4546.2	5038.9	5067.4	4336.5	4568.6
62.5°	1581.9	1608.4	1824.2	2078.7	2650.8	3379.6	4591.0	5537.7	5541.8	3898.8	4189.9
63°	1490.3	1516.8	1712.2	1950.4	2479.8	3253.4	4576.8	5554.0	5539.8	3809.2	4106.5
65°	1160.5	1207.3	1410.9	1592.1	1858.8	2589.7	4393.5	5264.9	5285.3	3544.6	3687.1
67.5°	789.9	824.6	1083.1	1292.8	1404.8	1649.1	3603.6	4505.5	4538.1	3269.7	2941.9
70°	610.8	627.1	777.7	1024.1	1136.1	1048.5	2349.5	3628.0	3628.0	2553.1	2084.8
72.5°	478.4	484.6	586.3	800.1	914.1	806.2	1309.1	2638.6	2540.8	1514.7	1390.5
75°	342.0	350.2	441.8	596.5	728.9	635.2	836.8	1537.1	1478.1	871.4	928.4
77.5°	270.8	274.9	329.8	439.8	590.4	484.6	637.2	838.8	830.7	612.8	596.5
80°	213.8	221.9	258.6	315.6	456.0	378.7	474.4	553.8	537.5	421.4	382.8
82.5°	152.7	166.9	199.5	240.2	338.0	270.8	311.5	390.9	390.9	317.6	252.5
85°	93.7	105.9	118.1	148.6	240.2	175.1	164.9	252.5	258.6	238.2	162.9
87.5°	44.8	48.9	57.0	63.1	87.5	79.4	65.1	95.7	97.7	105.9	67.2
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-SB3A-930-U-T2LG

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4	1380.4
2.5°	1392.6	1388.5	1368.1	1347.8	1325.4	1305.0	1284.7	1268.4	1250.1	1254.1	1256.2
5°	1419.0	1408.9	1364.1	1311.1	1241.9	1176.8	1113.7	1068.9	1040.4	1032.2	1015.9
7.5°	1476.1	1451.6	1370.2	1258.2	1129.9	1028.1	969.1	942.6	934.5	936.5	932.5
10°	1541.2	1504.6	1378.3	1195.1	1032.2	963.0	954.9	971.1	979.3	987.4	989.5
12.5°	1626.7	1567.7	1374.3	1125.9	985.4	973.2	1003.7	1034.3	1052.6	1064.8	1062.8
15°	1726.5	1647.1	1362.0	1068.9	979.3	1011.9	1050.5	1085.2	1107.5	1119.8	1113.7
17.5°	1846.6	1740.7	1347.8	1032.2	997.6	1036.3	1077.0	1111.6	1136.1	1144.2	1138.1
20°	1995.2	1846.6	1323.4	1015.9	1011.9	1046.5	1083.1	1115.7	1136.1	1144.2	1136.1
22.5°	2170.3	1972.8	1303.0	1015.9	1018.0	1046.5	1072.9	1097.4	1115.7	1121.8	1111.6
25°	2394.3	2119.4	1294.9	1032.2	1020.0	1036.3	1050.5	1064.8	1075.0	1079.0	1075.0
27.5°	2622.3	2288.4	1298.9	1052.6	1018.0	1022.0	1022.0	1024.1	1026.1	1028.1	1026.1
30°	2884.9	2459.4	1315.2	1079.0	1022.0	1001.7	995.6	983.4	973.2	965.0	956.9
32.5°	3139.4	2622.3	1343.7	1117.7	1018.0	979.3	967.1	936.5	908.0	883.6	883.6
35°	3414.3	2791.3	1394.6	1146.2	1013.9	958.9	924.3	889.7	859.2	824.6	824.6
37.5°	3650.4	2935.8	1435.3	1178.8	1009.8	934.5	879.5	840.8	808.3	773.7	769.6
40°	3815.3	3019.3	1459.8	1191.0	995.6	901.9	836.8	787.9	741.1	694.3	692.2
42.5°	3894.7	3015.2	1445.5	1186.9	969.1	861.2	800.1	735.0	671.9	629.1	625.0
45°	3937.5	2988.7	1390.5	1152.3	926.3	818.4	753.3	684.1	621.0	582.3	574.1
47.5°	3929.3	2923.6	1315.2	1066.8	869.3	771.6	706.5	635.2	584.3	561.9	561.9
50°	3951.7	2872.7	1229.7	969.1	792.0	716.6	663.7	598.6	568.0	539.5	529.3
52.5°	4051.5	2915.5	1156.4	877.5	718.7	663.7	627.1	572.1	533.4	515.1	509.0
55°	4183.8	3007.1	1087.2	796.0	647.4	616.9	598.6	547.7	502.9	484.6	474.4
57.5°	4208.3	3070.2	1020.0	716.6	588.4	580.2	574.1	504.9	468.3	454.0	445.9
60°	4039.3	3023.4	932.5	645.4	541.6	545.6	529.3	478.4	435.7	421.4	413.3
62.5°	3752.2	2901.2	844.9	584.3	504.9	513.1	496.8	445.9	403.1	388.9	384.8
63°	3695.2	2868.6	824.6	578.2	496.8	506.9	492.7	441.8	399.0	384.8	378.7
65°	3355.2	2673.2	753.3	545.6	470.3	470.3	472.3	421.4	384.8	378.7	374.6
67.5°	2736.3	2231.4	675.9	506.9	441.8	447.9	458.1	429.6	415.3	411.3	407.2
70°	2068.5	1679.6	608.7	470.3	411.3	431.6	500.8	488.6	435.7	399.0	390.9
72.5°	1465.9	1144.2	549.7	433.7	374.6	425.5	519.2	466.2	392.9	350.2	342.0
75°	981.3	737.0	490.7	395.0	333.9	392.9	490.7	425.5	342.0	331.9	319.6
77.5°	616.9	525.3	431.6	350.2	289.1	350.2	445.9	378.7	295.2	299.3	281.0
80°	376.6	374.6	362.4	297.2	232.1	278.9	374.6	319.6	236.2	236.2	209.7
82.5°	224.0	270.8	307.4	246.3	169.0	199.5	270.8	240.2	197.5	191.4	179.2
85°	150.7	183.2	244.3	189.3	107.9	122.2	187.3	201.6	181.2	158.8	148.6
87.5°	55.0	73.3	112.0	77.4	46.8	73.3	140.5	146.6	109.9	85.5	77.4
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: SP1-2407-184-14

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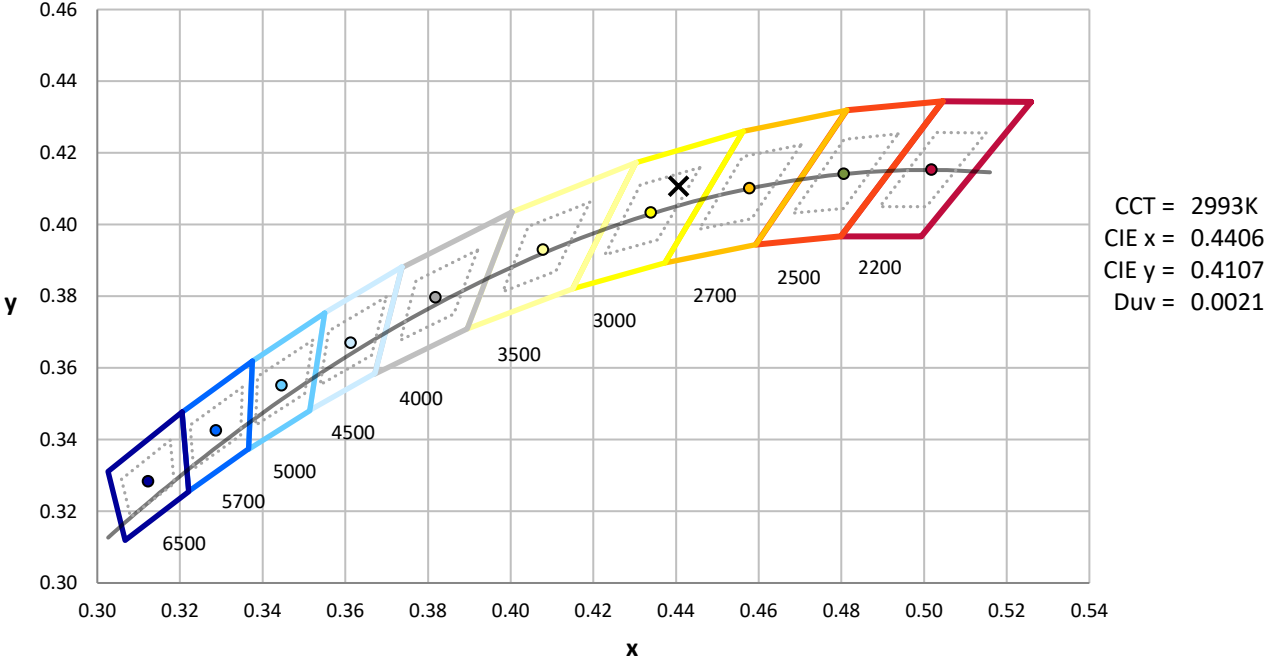
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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**

$\lambda$ (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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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 ( $R_{f,i}$ )

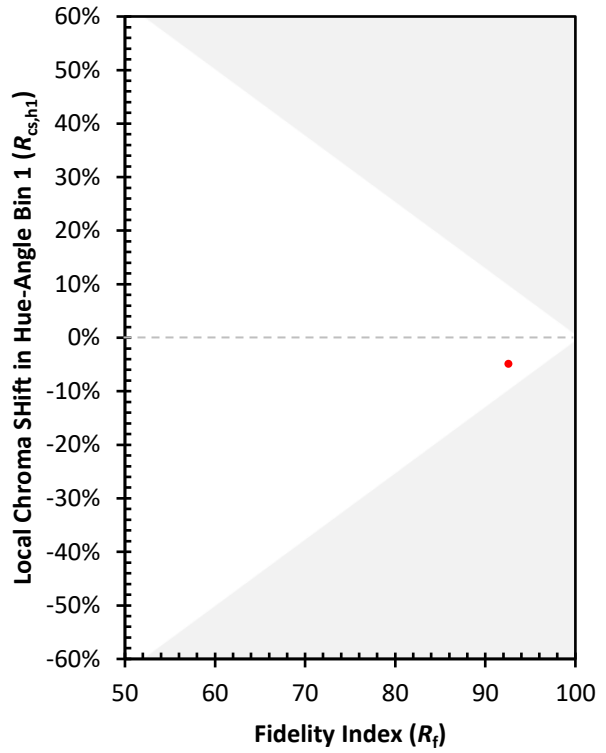
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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)