

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: P1455866

Luminaire Tested: GLAN-SB1D-730-U-T2LG

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1455866  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/21/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1D-730-U-T2LG  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square  
PACKAGE 70CRI 3000K FIXTURE w/ TYPE II LOW GLARE  
Light Source: (26) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

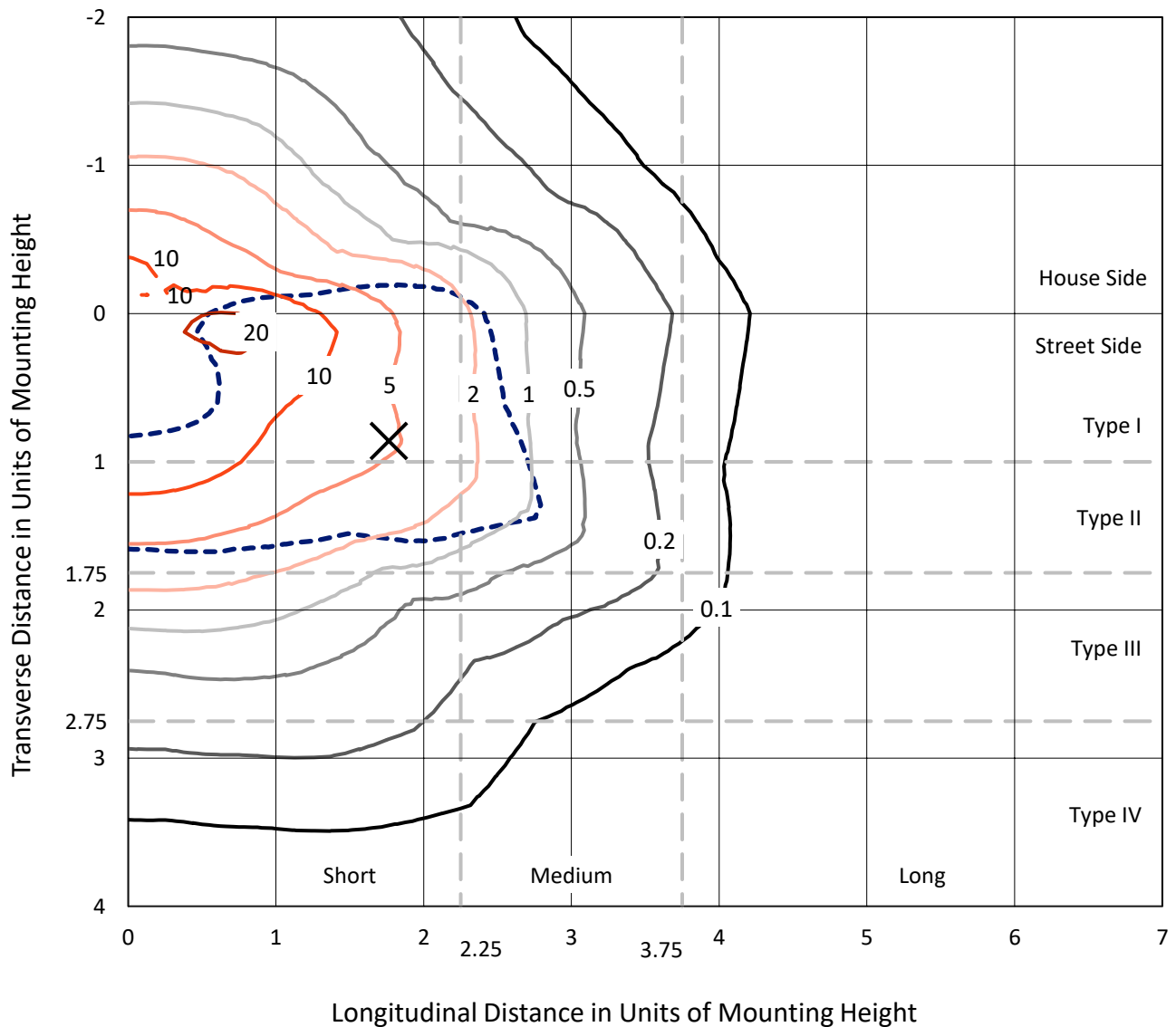
Lumens per Lamp: N/A  
Luminaire Lumens: 9845.2 lumens  
Efficiency: N/A  
Efficacy: 123.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B2 - U0 - G2

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: P1455866  
 CATALOG NUMBER: GLAN-SB1D-730-U-T2LG

### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

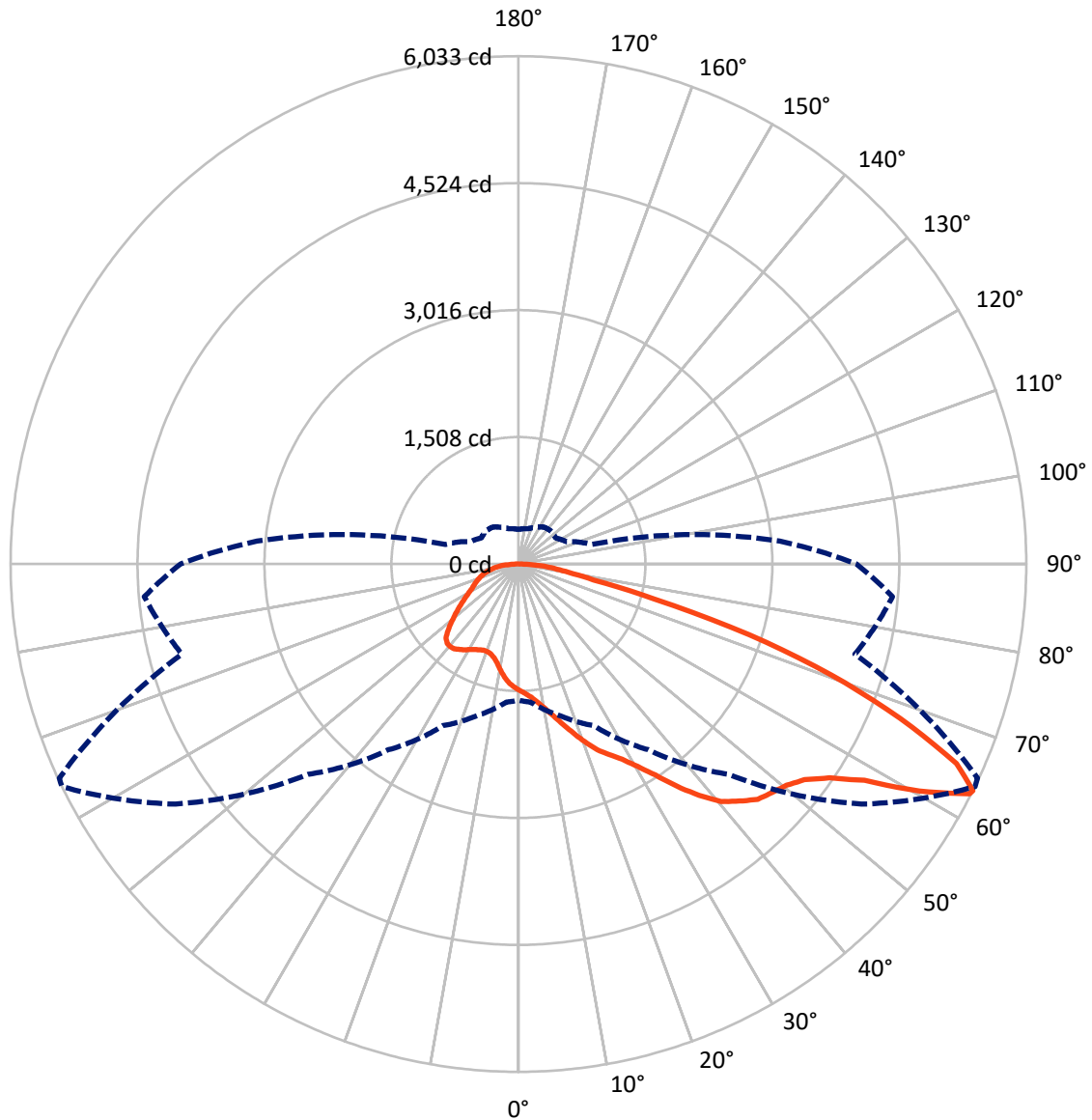


Based on 10 foot mounting height. Maximum calculated value = 23.1 fc  
 Type II - Short - N/A

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CATALOG NUMBER: GLAN-SB1D-730-U-T2LG

### 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	2645.1	0.0	2645.1
	% Fixture	26.9	0.0	26.9
<b>Street Side</b>	Lumens	7200.1	0.0	7200.1
	% Fixture	73.1	0.0	73.1
<b>Total</b>	Lumens	9845.2	0.0	9845.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	137.7	1.4
10°-20°	423.8	4.3
20°-30°	775.0	7.9
30°-40°	1333.1	13.5
40°-50°	1965.9	20.0
50°-60°	2356.2	23.9
60°-70°	1891.1	19.2
70°-80°	759.9	7.7
80°-90°	202.6	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°	9845.2	100.0
0°-180°	9845.2	100.0



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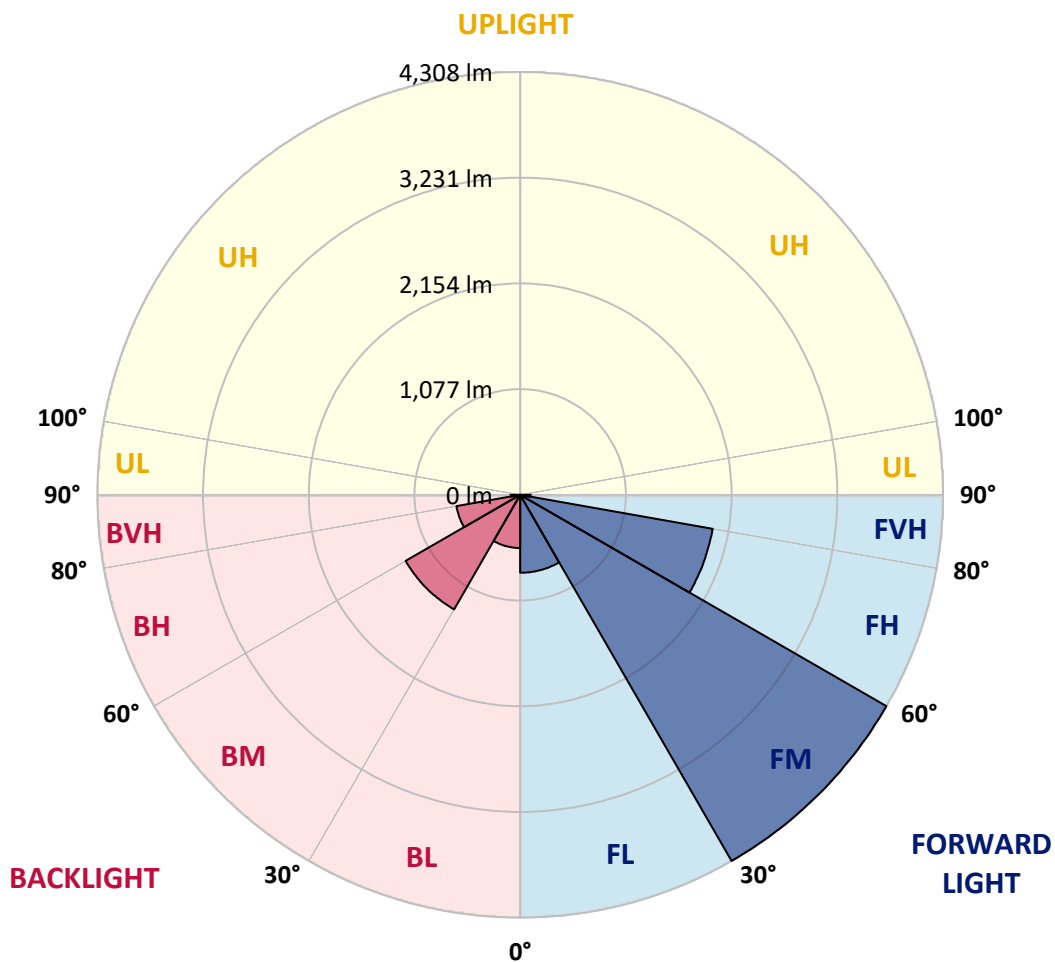
CATALOG NUMBER: GLAN-SB1D-730-U-T2LG

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	794.3	8.1			
FM (30°-60°)	4307.8	43.8			
FH (60°-80°)	1991.5	20.2			G2/5000
FVH (80°-90°)	106.5	1.1			G2/225
BL (0°-30°)	542.1	5.5	B2/1000		
BM (30°-60°)	1347.4	13.7	B2/2500		
BH (60°-80°)	659.5	6.7	B2/1000		G2/1000
BVH (80°-90°)	96.2	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°	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3
2.5°	1561.2	1563.4	1556.8	1554.6	1559.0	1550.2	1548.0	1539.1	1534.7	1525.9	1514.8
5°	1605.5	1607.7	1603.3	1603.3	1607.7	1601.0	1598.8	1590.0	1585.6	1576.7	1554.6
7.5°	1603.3	1605.5	1609.9	1627.6	1649.7	1658.5	1665.2	1658.5	1656.3	1643.1	1620.9
10°	1567.9	1570.1	1581.1	1607.7	1663.0	1702.8	1744.8	1744.8	1749.2	1738.1	1698.3
12.5°	1519.2	1521.4	1548.0	1590.0	1663.0	1731.5	1817.8	1853.1	1850.9	1844.3	1797.9
15°	1402.0	1402.0	1441.8	1521.4	1638.6	1751.4	1879.7	1974.8	1977.0	1983.6	1928.3
17.5°	1302.5	1304.7	1337.9	1408.7	1561.2	1740.4	1946.0	2109.7	2116.3	2153.9	2074.3
20°	1311.3	1311.3	1322.4	1353.4	1477.2	1696.1	1983.6	2253.4	2275.5	2364.0	2264.5
22.5°	1379.9	1379.9	1388.7	1386.5	1461.7	1667.4	2007.9	2397.1	2436.9	2620.5	2492.2
25°	1506.0	1503.7	1494.9	1481.6	1525.9	1698.3	2063.2	2507.7	2585.1	2903.5	2755.4
27.5°	1660.7	1656.3	1643.1	1620.9	1651.9	1791.2	2158.3	2624.9	2708.9	3213.1	3034.0
30°	1853.1	1839.9	1826.6	1797.9	1831.0	1943.8	2299.8	2790.8	2870.4	3564.7	3370.1
32.5°	2080.9	2096.4	2052.2	2012.4	2047.7	2151.7	2509.9	2987.6	3073.8	3931.8	3719.5
35°	2421.5	2467.9	2454.6	2253.4	2286.6	2401.6	2755.4	3241.9	3319.3	4265.8	4077.8
37.5°	2757.6	2746.5	2757.6	2589.5	2536.5	2675.8	3018.5	3485.1	3560.3	4537.8	4394.0
40°	3027.4	3060.6	3060.6	2923.4	2854.9	2947.8	3257.4	3708.5	3781.5	4688.1	4621.8
42.5°	3321.5	3325.9	3317.1	3197.7	3171.1	3195.4	3467.4	3850.0	3909.7	4765.5	4776.6
45°	3653.2	3651.0	3613.4	3513.9	3474.1	3452.0	3597.9	3987.1	4046.8	4800.9	4860.6
47.5°	3927.4	3938.5	3940.7	3834.5	3768.2	3673.1	3710.7	4055.7	4124.2	4761.1	4878.3
50°	3942.9	3960.6	4044.6	4075.6	4062.3	3909.7	3814.6	4128.6	4197.2	4770.0	4942.4
52.5°	3845.6	3863.3	3971.6	4099.9	4254.7	4181.7	3978.3	4254.7	4325.5	4856.2	5088.4
55°	3584.6	3613.4	3774.8	3954.0	4230.4	4334.3	4268.0	4482.5	4548.8	4924.7	5258.7
57.5°	3120.3	3155.6	3379.0	3664.3	4042.4	4298.9	4688.1	4847.3	4902.6	4973.4	5260.9
60°	2333.0	2361.8	2711.2	3095.9	3664.3	4077.8	4938.0	5473.2	5504.1	4710.2	4962.3
62.5°	1718.2	1747.0	1981.4	2257.8	2879.2	3670.9	4986.7	6015.0	6019.4	4234.8	4551.0
63°	1618.7	1647.5	1859.8	2118.5	2693.5	3533.8	4971.2	6032.6	6017.2	4137.5	4460.4
65°	1260.5	1311.3	1532.5	1729.3	2019.0	2812.9	4772.2	5718.6	5740.7	3850.0	4004.8
67.5°	858.0	895.6	1176.5	1404.2	1525.9	1791.2	3914.1	4893.8	4929.2	3551.5	3195.4
70°	663.4	681.1	844.7	1112.3	1234.0	1138.9	2551.9	3940.7	3940.7	2773.1	2264.5
72.5°	519.7	526.3	636.9	869.1	992.9	875.7	1421.9	2866.0	2759.8	1645.3	1510.4
75°	371.5	380.4	479.9	647.9	791.7	690.0	908.9	1669.6	1605.5	946.5	1008.4
77.5°	294.1	298.5	358.2	477.7	641.3	526.3	692.2	911.1	902.2	665.6	647.9
80°	232.2	241.0	280.8	342.8	495.3	411.3	515.3	601.5	583.8	457.8	415.7
82.5°	165.9	181.3	216.7	260.9	367.1	294.1	338.3	424.6	424.6	345.0	274.2
85°	101.7	115.0	128.3	161.4	260.9	190.2	179.1	274.2	280.8	258.7	176.9
87.5°	48.7	53.1	61.9	68.6	95.1	86.2	70.8	103.9	106.1	115.0	73.0
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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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3	1499.3
2.5°	1512.6	1508.2	1486.0	1463.9	1439.6	1417.5	1395.4	1377.7	1357.8	1362.2	1364.4
5°	1541.3	1530.3	1481.6	1424.1	1348.9	1278.2	1209.6	1161.0	1130.0	1121.2	1103.5
7.5°	1603.3	1576.7	1488.3	1366.6	1227.3	1116.7	1052.6	1023.9	1015.0	1017.2	1012.8
10°	1674.0	1634.2	1497.1	1298.1	1121.2	1046.0	1037.1	1054.8	1063.7	1072.5	1074.7
12.5°	1766.9	1702.8	1492.7	1222.9	1070.3	1057.0	1090.2	1123.4	1143.3	1156.6	1154.3
15°	1875.3	1789.0	1479.4	1161.0	1063.7	1099.1	1141.1	1178.7	1203.0	1216.3	1209.6
17.5°	2005.7	1890.7	1463.9	1121.2	1083.6	1125.6	1169.8	1207.4	1234.0	1242.8	1236.2
20°	2167.2	2005.7	1437.4	1103.5	1099.1	1136.7	1176.5	1211.8	1234.0	1242.8	1234.0
22.5°	2357.3	2142.8	1415.3	1103.5	1105.7	1136.7	1165.4	1191.9	1211.8	1218.5	1207.4
25°	2600.6	2302.0	1406.4	1121.2	1107.9	1125.6	1141.1	1156.6	1167.6	1172.0	1167.6
27.5°	2848.3	2485.6	1410.9	1143.3	1105.7	1110.1	1110.1	1112.3	1114.5	1116.7	1114.5
30°	3133.5	2671.3	1428.6	1172.0	1110.1	1088.0	1081.4	1068.1	1057.0	1048.2	1039.3
32.5°	3410.0	2848.3	1459.5	1214.0	1105.7	1063.7	1050.4	1017.2	986.3	959.7	959.7
35°	3708.5	3031.8	1514.8	1245.0	1101.3	1041.6	1004.0	966.4	933.2	895.6	895.6
37.5°	3965.0	3188.8	1559.0	1280.4	1096.8	1015.0	955.3	913.3	877.9	840.3	835.9
40°	4144.1	3279.5	1585.6	1293.7	1081.4	979.6	908.9	855.8	804.9	754.1	751.9
42.5°	4230.4	3275.1	1570.1	1289.2	1052.6	935.4	869.1	798.3	729.8	683.3	678.9
45°	4276.8	3246.3	1510.4	1251.6	1006.2	889.0	818.2	743.0	674.5	632.5	623.6
47.5°	4268.0	3175.5	1428.6	1158.8	944.3	838.1	767.3	690.0	634.7	610.3	610.3
50°	4292.3	3120.3	1335.7	1052.6	860.2	778.4	720.9	650.1	617.0	586.0	575.0
52.5°	4400.6	3166.7	1256.1	953.1	780.6	720.9	681.1	621.4	579.4	559.5	552.8
55°	4544.4	3266.2	1180.9	864.7	703.2	670.0	650.1	594.9	546.2	526.3	515.3
57.5°	4570.9	3334.8	1107.9	778.4	639.1	630.2	623.6	548.4	508.6	493.1	484.3
60°	4387.4	3283.9	1012.8	701.0	588.2	592.7	575.0	519.7	473.2	457.8	448.9
62.5°	4075.6	3151.2	917.7	634.7	548.4	557.3	539.6	484.3	437.9	422.4	418.0
63°	4013.7	3115.8	895.6	628.0	539.6	550.6	535.2	479.9	433.4	418.0	411.3
65°	3644.4	2903.5	818.2	592.7	510.8	510.8	513.0	457.8	418.0	411.3	406.9
67.5°	2972.1	2423.7	734.2	550.6	479.9	486.5	497.6	466.6	451.1	446.7	442.3
70°	2246.8	1824.4	661.2	510.8	446.7	468.8	544.0	530.7	473.2	433.4	424.6
72.5°	1592.2	1242.8	597.1	471.0	406.9	462.2	563.9	506.4	426.8	380.4	371.5
75°	1065.9	800.5	532.9	429.0	362.7	426.8	532.9	462.2	371.5	360.5	347.2
77.5°	670.0	570.5	468.8	380.4	314.0	380.4	484.3	411.3	320.7	325.1	305.2
80°	409.1	406.9	393.6	322.9	252.1	303.0	406.9	347.2	256.5	256.5	227.8
82.5°	243.3	294.1	333.9	267.6	183.5	216.7	294.1	260.9	214.5	207.9	194.6
85°	163.6	199.0	265.4	205.7	117.2	132.7	203.4	218.9	196.8	172.5	161.4
87.5°	59.7	79.6	121.6	84.0	50.9	79.6	152.6	159.2	119.4	92.9	84.0
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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-4  
 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-730-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 2985  
 CIE u': 0.2504  
 CIE v': 0.5243  
 Duv: 0.0019  
 CIE x: 0.4408  
 CIE y: 0.4101  
 CIE z: 0.1491  
 Peak Wavelength (nm): 595  
 Dominant Wavelength (nm): 582  
 Purity: 55.41818  
 Rf: 73.8  
 Rg: 94.4

CRI (Ra):	70.8		
R1:	66.3	R9:	-43.2
R2:	80.6	R10:	57.6
R3:	94.5	R11:	64.8
R4:	68.2	R12:	53.5
R5:	66.5	R13:	68.7
R6:	74.7	R14:	97.0
R7:	76.2	R15:	56.4
R8:	39.6		



**Test Conditions**

Stabilization Time: 36M  
 Operation Time: 1H 36M  
 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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.19**

$\lambda$ (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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: NR**

**M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

**Summary**

$R_f = 73.8$   
 $R_g = 94.4$   
 CIE  $R_a = 70.8$   
 $R_g = -43.2$



**Color Vector Graphics**

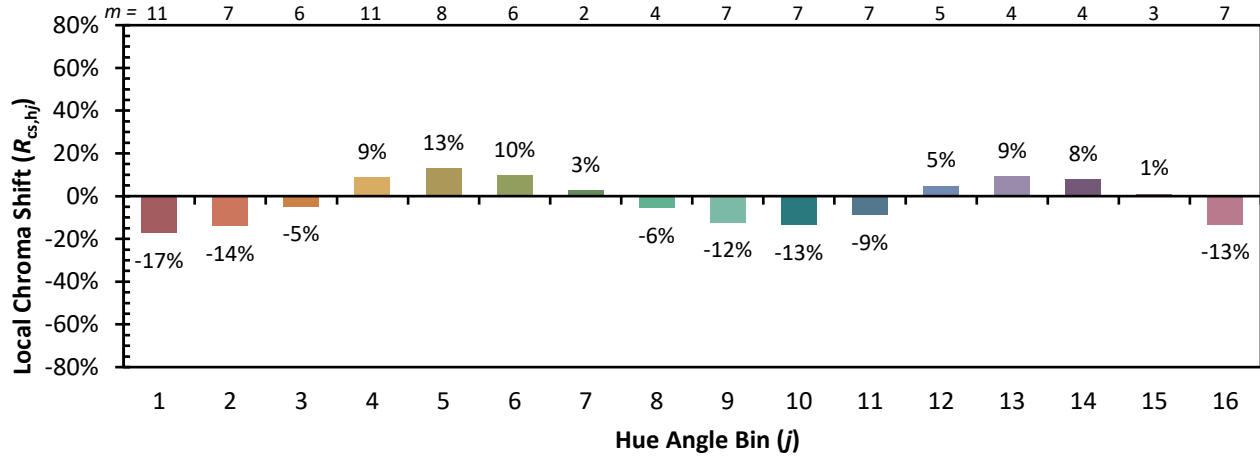


**Individual Sample Fidelity Index ( $R_{f,i}$ )**

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)