

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: P1457826

Luminaire Tested: GLAN-SB5D-835-U-T2LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1457826  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5D-835-U-T2LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (130) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

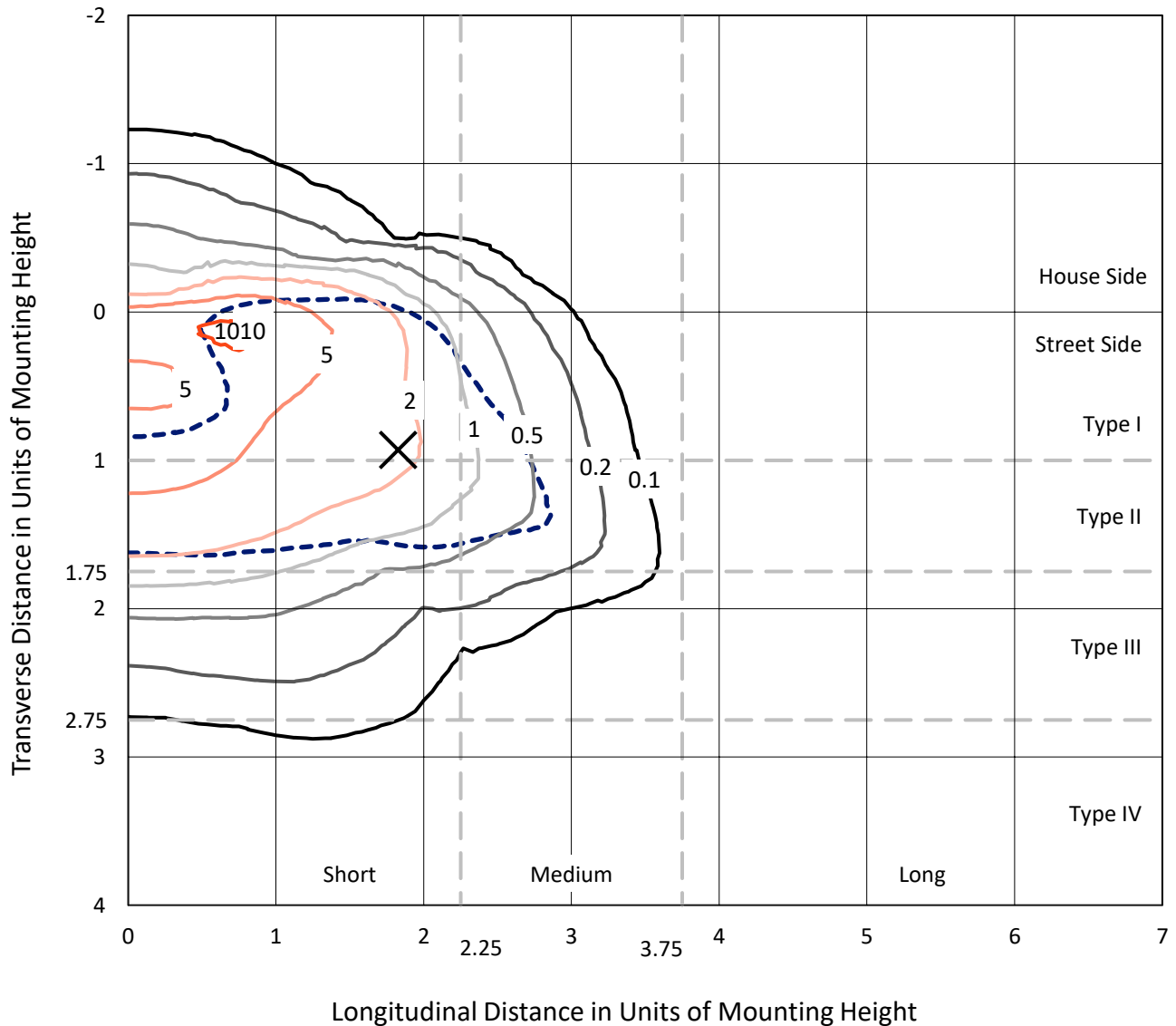
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34547.2 lumens  
Efficiency: N/A  
Efficacy: 94.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 364.9  
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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### Iso-Footcandle Lines of Horizontal Illumination

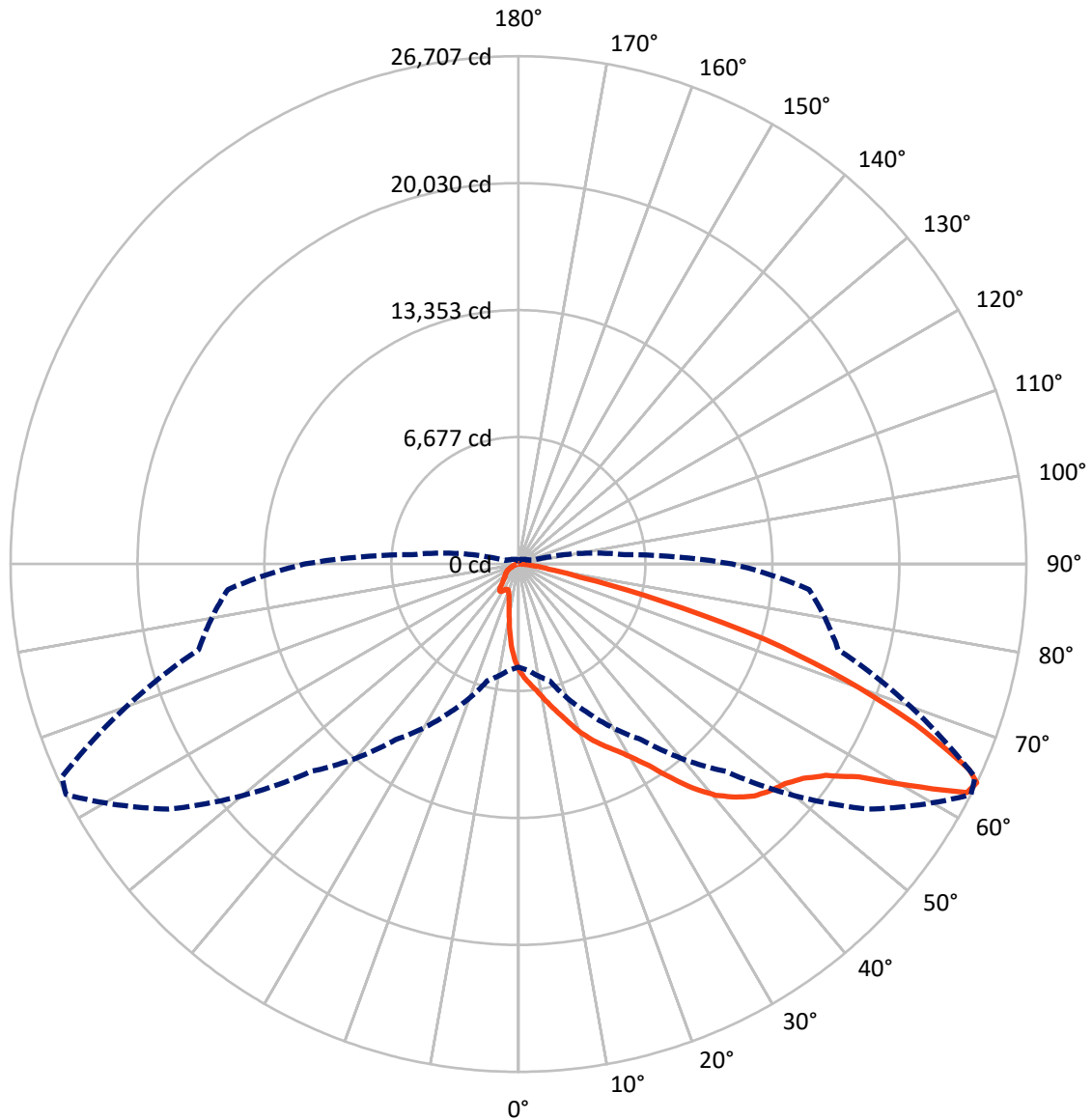
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 11 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 63-Deg Lateral      - - - Horizontal Cone Through 64-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4099.6	0.0	4099.6
	% Fixture	11.9	0.0	11.9
<b>Street Side</b>	Lumens	30447.6	0.0	30447.6
	% Fixture	88.1	0.0	88.1
<b>Total</b>	Lumens	34547.2	0.0	34547.2
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	470.4	1.4
10°-20°	1321.8	3.8
20°-30°	2354.2	6.8
30°-40°	4496.6	13.0
40°-50°	7453.4	21.6
50°-60°	9290.6	26.9
60°-70°	6927.7	20.1
70°-80°	1986.9	5.8
80°-90°	245.7	0.7
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°	34547.2	100.0
0°-180°	34547.2	100.0



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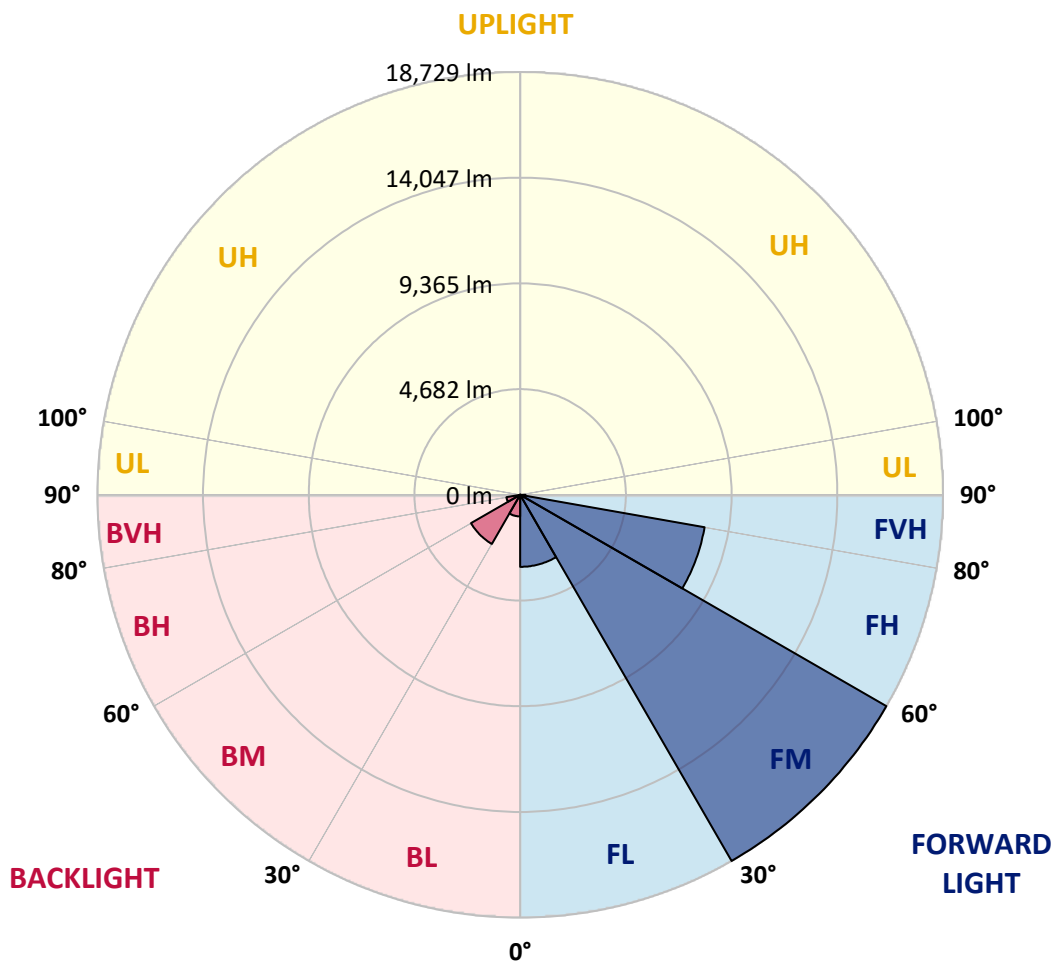
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3190.0	9.2			
FM	(30°-60°)	18729.5	54.2			
FH	(60°-80°)	8294.5	24.0			G4/12000
FVH	(80°-90°)	233.6	0.7			G3/500
BL	(0°-30°)	956.5	2.8	B2/1000		
BM	(30°-60°)	2511.1	7.3	B3/5000		
BH	(60°-80°)	620.0	1.8	B2/1000		G2/1000
BVH	(80°-90°)	12.1	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-G4**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9
2.5°	6259.5	6238.8	6218.0	6186.9	6145.5	6104.0	6052.2	5979.7	5948.6	5845.0	5720.6
5°	6580.8	6580.8	6570.4	6549.7	6528.9	6487.5	6425.3	6332.0	6290.6	6145.5	5927.9
7.5°	6663.7	6674.0	6705.1	6746.6	6808.8	6798.4	6798.4	6694.8	6674.0	6518.6	6228.4
10°	6518.6	6528.9	6611.8	6725.8	6912.4	7088.6	7212.9	7150.7	7119.7	6964.2	6601.5
12.5°	6311.3	6311.3	6446.0	6622.2	6912.4	7244.0	7606.7	7668.9	7679.3	7503.1	7067.8
15°	5772.4	5793.1	6010.8	6363.1	6839.8	7358.0	7969.5	8207.8	8270.0	8156.0	7637.8
17.5°	5057.3	5078.1	5295.7	5772.4	6487.5	7358.0	8280.4	8829.6	8912.5	8933.2	8363.3
20°	4756.8	4756.8	4881.2	5243.9	5990.0	7161.1	8466.9	9492.9	9679.4	9907.4	9161.2
22.5°	4798.3	4798.3	4870.8	5078.1	5679.1	6891.7	8580.9	10083.6	10467.0	11047.4	10187.2
25°	5026.2	5026.2	5088.4	5223.2	5710.2	6850.2	8798.5	10612.1	11223.6	12322.1	11358.3
27.5°	5389.0	5378.6	5430.4	5565.1	6010.8	7047.1	9161.2	11140.6	11824.6	13752.2	12705.5
30°	5917.5	5886.4	5907.1	6062.6	6497.8	7503.1	9689.8	11814.3	12508.6	15317.1	14197.9
32.5°	7140.4	7130.0	6829.5	6746.6	7212.9	8238.9	10415.2	12653.7	13431.0	16975.2	15731.6
35°	9347.8	9492.9	9068.0	7979.8	8073.1	9223.4	11451.6	13793.7	14508.8	18737.0	17400.1
37.5°	11586.3	11586.3	11410.1	10125.0	9472.1	10311.6	12570.8	14964.7	15710.9	20156.8	19006.5
40°	13358.4	13451.7	13244.4	12280.6	11430.8	11555.2	13690.0	15990.7	16674.7	21027.3	20146.4
42.5°	14674.6	14653.8	14570.9	13938.8	13462.1	13182.2	14705.7	16757.6	17410.5	21473.0	20861.5
45°	16094.4	16094.4	15980.4	15462.2	15068.4	14830.0	15462.2	17400.1	18084.1	21742.4	21307.1
47.5°	17576.3	17555.6	17441.6	16871.6	16446.7	16094.4	16229.1	17814.7	18498.7	21566.2	21379.7
50°	17939.0	17918.3	18177.4	18198.1	17814.7	17141.1	16840.5	18167.0	18768.1	21576.6	21607.7
52.5°	17514.1	17638.5	18021.9	18488.3	18923.6	18218.8	17493.4	18726.7	19348.5	21866.8	22177.7
55°	16457.1	16508.9	17244.7	17990.9	19006.5	19255.2	18540.1	19617.9	20167.2	22146.6	22685.5
57.5°	14488.0	14684.9	15472.5	16768.0	18312.1	19348.5	20364.1	21110.2	21524.8	22260.6	22405.7
60°	10933.4	11037.0	12747.0	14425.8	16871.6	18602.3	22063.7	23638.9	23587.1	20975.5	20447.0
62.5°	6653.3	6746.6	7969.5	10632.8	13710.8	17047.8	22633.7	26468.1	26188.3	18809.6	17213.6
64°	5420.1	5596.2	6352.8	8632.7	11275.4	15420.7	22467.8	26706.5	26488.8	17410.5	15337.8
65°	4632.4	4870.8	5648.1	7492.7	9586.1	13669.3	22011.9	26043.2	25898.1	16560.7	13783.3
67.5°	2912.1	3026.1	4176.4	5824.2	6601.5	8746.7	18923.6	22519.7	22778.7	14757.5	10166.5
70°	2165.9	2217.8	2870.7	4508.1	5150.6	5088.4	12995.7	18239.6	18301.8	11803.9	6135.1
72.5°	1575.2	1585.6	2010.5	3337.0	4031.4	3471.7	6850.2	13555.3	13109.7	6912.4	3347.4
75°	1046.7	1088.2	1409.4	2352.5	3140.1	2549.4	3119.4	7720.7	7586.0	3378.5	1917.2
77.5°	766.9	777.3	953.4	1575.2	2466.5	1875.8	1886.1	3326.6	3430.3	2010.5	1212.5
80°	435.3	456.0	621.8	963.8	1606.3	1285.1	1057.1	1606.3	1844.7	1368.0	808.3
82.5°	259.1	279.8	445.6	632.2	1098.5	528.5	538.9	880.9	1098.5	984.5	435.3
85°	155.5	165.8	279.8	342.0	652.9	352.4	196.9	435.3	570.0	580.4	238.4
87.5°	103.6	103.6	155.5	145.1	186.5	165.8	82.9	114.0	145.1	196.9	93.3
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-SB5D-835-U-T2LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9	5585.9
2.5°	5617.0	5554.8	5368.2	5119.5	4891.5	4715.3	4497.7	4352.6	4217.9	4217.9	4103.9
5°	5751.7	5585.9	5129.9	4559.9	3948.5	3368.1	2995.0	2580.5	2445.8	2331.8	2352.5
7.5°	5979.7	5679.1	4870.8	3844.8	2870.7	2248.9	1834.3	1647.8	1564.9	1513.1	1523.4
10°	6259.5	5845.0	4559.9	3119.4	2114.1	1647.8	1450.9	1378.3	1347.2	1336.9	1336.9
12.5°	6642.9	6041.9	4249.0	2507.9	1668.5	1419.8	1316.2	1274.7	1243.6	1222.9	1222.9
15°	7098.9	6290.6	3886.3	2062.3	1461.2	1305.8	1222.9	1181.4	1140.0	1129.6	1129.6
17.5°	7679.3	6549.7	3565.0	1772.1	1357.6	1222.9	1140.0	1088.2	1057.1	1046.7	1046.7
20°	8321.8	6870.9	3243.7	1606.3	1285.1	1140.0	1057.1	1015.6	984.5	963.8	974.2
22.5°	9140.5	7275.1	3036.5	1523.4	1222.9	1067.4	984.5	943.1	912.0	891.3	901.6
25°	10042.1	7782.9	2922.5	1523.4	1181.4	1015.6	922.3	880.9	849.8	829.1	829.1
27.5°	11140.6	8352.9	2932.8	1585.6	1171.1	974.2	870.5	829.1	798.0	766.9	766.9
30°	12353.2	9026.5	3046.8	1699.6	1191.8	932.7	829.1	766.9	746.2	715.1	715.1
32.5°	13638.2	9803.8	3337.0	1844.7	1171.1	880.9	766.9	715.1	684.0	663.3	663.3
35°	14995.8	10684.7	3699.7	1906.9	1067.4	808.3	715.1	663.3	642.5	632.2	621.8
37.5°	16291.3	11451.6	3896.6	1782.5	932.7	746.2	652.9	601.1	590.7	570.0	570.0
40°	17296.5	12083.7	3782.6	1523.4	860.2	684.0	601.1	549.3	528.5	507.8	507.8
42.5°	17887.2	12311.7	3368.1	1295.4	808.3	621.8	549.3	497.4	476.7	466.4	466.4
45°	18229.2	12280.6	2881.0	1160.7	756.5	570.0	497.4	466.4	435.3	424.9	414.5
47.5°	18218.8	11959.4	2528.7	1046.7	704.7	528.5	466.4	435.3	404.2	393.8	393.8
50°	18146.3	11482.6	2134.9	963.8	663.3	497.4	435.3	414.5	383.4	373.1	362.7
52.5°	18322.5	11213.2	1782.5	912.0	611.4	476.7	424.9	393.8	352.4	342.0	342.0
55°	18540.1	11057.7	1430.1	860.2	570.0	466.4	404.2	373.1	331.6	321.3	321.3
57.5°	17907.9	10467.0	1181.4	777.3	518.2	445.6	383.4	362.7	321.3	290.2	290.2
60°	15918.2	8653.4	974.2	684.0	476.7	414.5	362.7	331.6	290.2	248.7	248.7
62.5°	12943.9	6601.5	808.3	580.4	445.6	383.4	331.6	300.5	248.7	196.9	196.9
64°	11244.3	5606.6	725.4	507.8	424.9	352.4	300.5	269.4	217.6	165.8	155.5
65°	10083.6	4953.7	673.6	476.7	414.5	331.6	290.2	259.1	196.9	155.5	145.1
67.5°	7098.9	3326.6	538.9	393.8	362.7	279.8	248.7	217.6	176.2	134.7	124.4
70°	4135.0	1886.1	424.9	331.6	279.8	217.6	207.3	196.9	155.5	103.6	103.6
72.5°	2248.9	943.1	321.3	269.4	217.6	155.5	176.2	155.5	124.4	82.9	72.5
75°	1378.3	580.4	238.4	196.9	145.1	114.0	134.7	114.0	72.5	51.8	41.5
77.5°	922.3	373.1	176.2	134.7	93.3	72.5	93.3	62.2	31.1	10.4	10.4
80°	570.0	259.1	114.0	82.9	51.8	31.1	20.7	10.4	10.4	0.0	0.0
82.5°	248.7	165.8	62.2	41.5	20.7	10.4	10.4	0.0	0.0	0.0	0.0
85°	134.7	51.8	20.7	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.5	20.7	10.4	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-10  
 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-835-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3411  
 CIE u': 0.2360  
 CIE v': 0.5189  
 Duv: 0.0044  
 CIE x: 0.4154  
 CIE y: 0.4059  
 CIE z: 0.1787  
 Peak Wavelength (nm): 601  
 Dominant Wavelength (nm): 579  
 Purity: 46.51914  
 Rf: 86.6  
 Rg: 95.9

CRI (Ra):	83.5		
R1:	81.1	R9:	6.3
R2:	88.9	R10:	75.4
R3:	97.2	R11:	84.1
R4:	83.8	R12:	69.7
R5:	81.7	R13:	82.8
R6:	86.9	R14:	98.5
R7:	86.1	R15:	72.6
R8:	62.2		



**Test Conditions**

Stabilization Time: 35M  
 Operation Time: 1H 35M  
 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 3500K 7-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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.48**

$\lambda$ (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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)	λ (nm)	Power W <sup>2</sup> /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

**Summary**

$R_f = 86.6$   
 $R_g = 95.9$   
 $CIE R_a = 83.5$   
 $R_9 = 6.3$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)