

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: P1458366

Luminaire Tested: GLAN-SB5D-830-U-T3LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458366  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB5D-830-U-T3LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 5xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (130) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

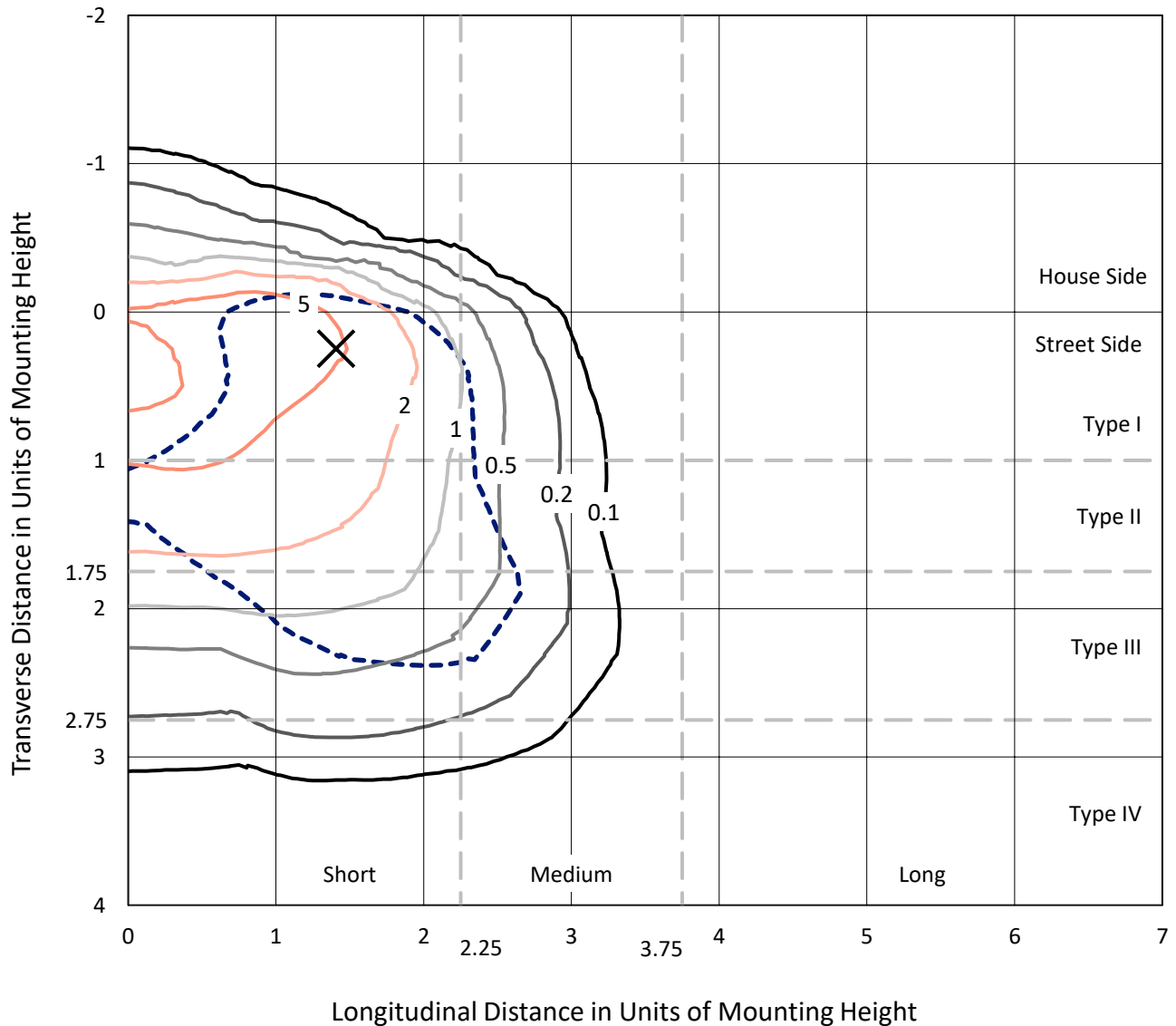
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 35289.5 lumens  
Efficiency: N/A  
Efficacy: 96.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type III - 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

REPORT NUMBER: P1458366  
 CATALOG NUMBER: GLAN-SB5D-830-U-T3LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

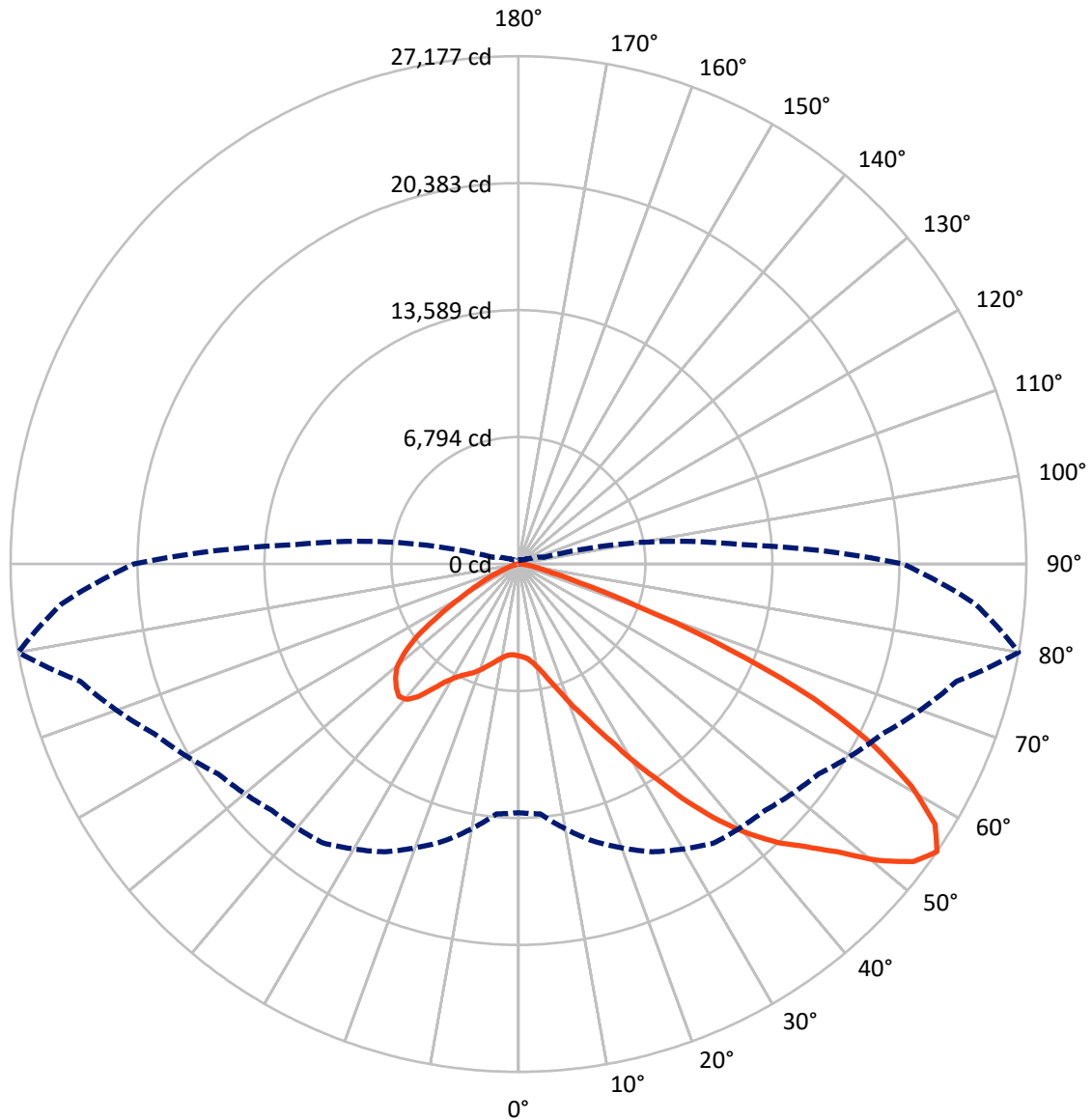
✕ Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 9.7 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 80-Deg Lateral    - - - Horizontal Cone Through 55-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4289.8	0.0	4289.8
	% Fixture	12.2	0.0	12.2
<b>Street Side</b>	Lumens	30999.6	0.0	30999.6
	% Fixture	87.8	0.0	87.8
<b>Total</b>	Lumens	35289.5	0.0	35289.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	412.5	1.2
10°-20°	1087.6	3.1
20°-30°	2129.2	6.0
30°-40°	4331.7	12.3
40°-50°	7302.6	20.7
50°-60°	9330.5	26.4
60°-70°	7966.0	22.6
70°-80°	2545.6	7.2
80°-90°	183.8	0.5
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°	35289.5	100.0
0°-180°	35289.5	100.0



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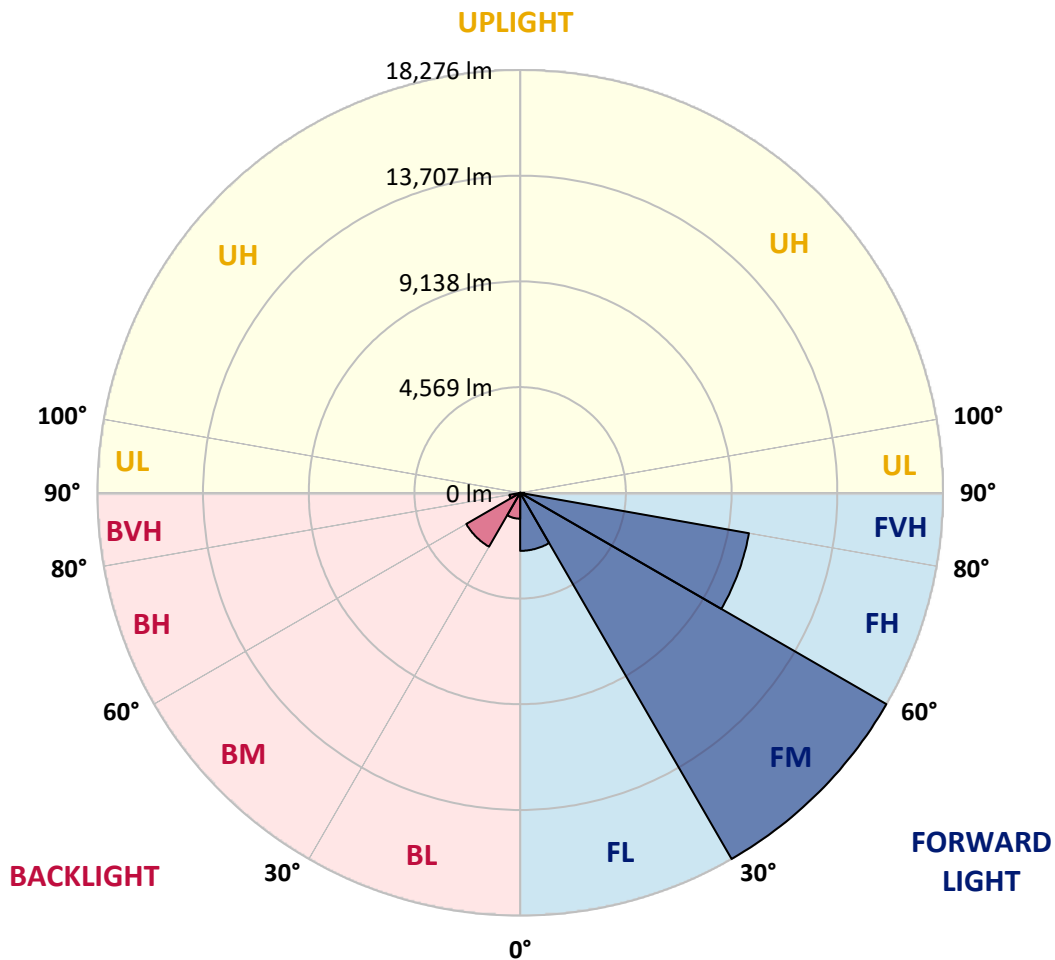
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2509.1	7.1			
FM	(30°-60°)	18276.1	51.8			
FH	(60°-80°)	10040.1	28.5			G4/12000
FVH	(80°-90°)	174.2	0.5			G2/225
BL	(0°-30°)	1120.2	3.2	B3/2500		
BM	(30°-60°)	2688.6	7.6	B3/5000		
BH	(60°-80°)	471.5	1.3	B1/500		G1/500
BVH	(80°-90°)	9.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G4**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8
2.5°	4945.9	4955.9	4945.9	4955.9	4976.0	4965.9	5006.1	4996.0	4996.0	4986.0	4945.9
5°	4665.0	4675.0	4695.1	4745.2	4815.4	4885.7	4976.0	5036.2	5096.3	5086.3	5046.2
7.5°	4113.2	4133.3	4213.5	4313.8	4544.6	4755.3	4986.0	5136.5	5266.9	5307.0	5276.9
10°	3802.2	3822.3	3872.4	3972.7	4183.4	4534.5	4986.0	5297.0	5527.7	5608.0	5618.0
12.5°	3772.1	3782.1	3822.3	3932.6	4113.2	4414.2	4976.0	5507.7	5898.9	6019.3	6059.4
15°	3792.2	3812.2	3852.4	3942.6	4153.3	4494.4	5056.2	5838.7	6390.5	6561.0	6571.1
17.5°	3872.4	3892.5	3942.6	4043.0	4273.7	4705.1	5307.0	6179.8	6982.4	7173.0	7283.4
20°	4032.9	4043.0	4103.2	4233.6	4494.4	4965.9	5678.2	6641.3	7694.7	7975.6	8055.8
22.5°	4243.6	4273.7	4354.0	4514.5	4845.5	5327.1	6189.9	7203.1	8477.2	8768.1	8908.6
25°	4474.3	4514.5	4634.9	4895.7	5317.1	5878.9	6821.9	7945.5	9400.1	9751.3	9941.9
27.5°	4945.9	4955.9	5036.2	5367.2	5909.0	6601.2	7624.5	8898.5	10483.6	10894.9	11105.6
30°	5979.2	5989.2	5919.0	6009.3	6561.0	7453.9	8567.5	10012.1	11747.7	12319.5	12490.1
32.5°	7243.2	7293.4	7283.4	7223.2	7474.0	8306.6	9691.1	11346.4	13232.4	13834.4	13994.9
35°	8677.8	8798.2	8768.1	8748.1	8778.2	9400.1	10975.2	12821.1	14917.8	15650.2	15780.6
37.5°	10082.3	10112.4	10252.9	10423.4	10443.5	10874.9	12460.0	14386.1	16482.9	17415.9	17616.5
40°	11165.8	11266.1	11617.3	11958.4	12309.5	12650.6	13683.9	15650.2	17726.9	18980.9	19071.2
42.5°	12008.5	12249.3	12760.9	13292.6	14004.9	14386.1	14847.6	16543.1	18740.1	20375.3	20335.2
45°	13031.8	13132.1	13854.4	14556.7	15279.0	15860.9	15850.8	17295.5	19532.6	21569.2	21318.4
47.5°	13724.0	13844.4	14827.6	15650.2	16392.6	16683.5	16743.7	18108.1	20626.1	23013.8	22421.9
50°	14095.2	14305.9	15379.3	16422.7	17225.2	17315.5	17586.4	19171.5	22060.7	24930.0	23816.4
52.5°	14135.3	14336.0	15569.9	16914.2	17787.0	17967.6	18429.1	20375.3	23455.2	26464.9	24619.0
55°	13302.7	13423.0	15339.2	16994.5	18228.5	18649.8	19592.8	21488.9	24267.8	27177.2	24548.7
57.5°	12520.2	12640.5	14305.9	16854.1	18679.9	19542.7	20836.8	22251.4	23635.8	26294.3	22983.7
60°	11848.0	11908.2	13423.0	16202.0	18850.5	20415.5	21910.3	21498.9	22000.6	24177.5	20305.1
62.5°	10583.9	10624.1	12419.8	15028.2	18509.4	21087.6	22281.5	19903.8	20204.8	21258.2	17155.0
65°	7995.6	8146.1	9791.4	14145.4	17947.6	21398.6	21418.7	17957.6	17646.6	17395.8	13493.3
67.5°	5427.4	5598.0	6591.1	12720.8	17034.6	21529.0	19743.3	15439.5	13443.1	12149.0	8838.3
70°	4333.9	4333.9	4675.0	10222.8	14867.7	19863.7	17666.7	11657.4	8537.4	6711.5	4735.2
72.5°	2849.1	2859.2	3180.2	6490.8	10543.8	15148.6	14406.2	6741.6	4434.2	3421.0	2337.5
75°	1033.3	1033.3	1394.5	2598.3	5577.9	9018.9	8778.2	3220.3	2407.7	1866.0	1414.5
77.5°	551.8	571.8	672.2	1073.4	2136.9	3671.8	3431.0	1645.3	1364.4	1163.7	882.8
80°	371.2	381.2	451.4	662.1	1033.3	1414.5	1103.5	923.0	923.0	782.5	591.9
82.5°	200.6	210.7	301.0	431.4	551.8	662.1	531.7	541.7	652.1	531.7	341.1
85°	140.5	140.5	230.7	311.0	311.0	321.0	230.7	341.1	381.2	331.1	230.7
87.5°	80.3	80.3	130.4	150.5	150.5	140.5	70.2	120.4	150.5	170.5	100.3
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-830-U-T3LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8	4915.8
2.5°	4935.8	4905.7	4845.5	4725.2	4665.0	4584.7	4514.5	4424.2	4404.1	4394.1	4354.0
5°	5016.1	4955.9	4775.3	4514.5	4293.8	4083.1	3872.4	3752.0	3651.7	3601.6	3591.5
7.5°	5216.7	5096.3	4765.3	4303.8	3892.5	3531.3	3220.3	2949.5	2809.0	2688.6	2698.7
10°	5517.7	5327.1	4785.3	4103.2	3491.2	2909.3	2457.9	2066.6	1785.7	1655.3	1645.3
12.5°	5919.0	5648.1	4855.6	3902.5	2999.6	2187.0	1615.2	1384.4	1324.2	1314.2	1304.2
15°	6410.6	6029.3	4925.8	3641.7	2337.5	1514.9	1314.2	1264.1	1254.0	1244.0	1244.0
17.5°	7002.5	6470.8	4965.9	3200.3	1705.5	1304.2	1234.0	1203.9	1193.8	1183.8	1183.8
20°	7744.8	6962.3	5016.1	2638.5	1444.6	1254.0	1173.8	1133.6	1123.6	1123.6	1113.6
22.5°	8477.2	7514.1	4976.0	2146.9	1394.5	1193.8	1103.5	1063.4	1043.3	1043.3	1033.3
25°	9319.9	8075.9	4855.6	1936.2	1384.4	1143.7	1033.3	973.1	943.0	933.0	933.0
27.5°	10283.0	8718.0	4665.0	1946.2	1384.4	1103.5	943.0	862.8	842.7	822.6	822.6
30°	11386.5	9500.5	4524.5	2076.7	1404.5	1063.4	862.8	762.4	732.3	712.3	722.3
32.5°	12650.6	10373.3	4514.5	2287.3	1434.6	1003.2	772.5	662.1	632.0	622.0	632.0
35°	14085.2	11456.7	4745.2	2447.9	1354.3	872.8	662.1	571.8	541.7	541.7	551.8
37.5°	15680.3	12700.7	5056.2	2407.7	1093.5	692.2	571.8	501.6	471.5	481.5	491.6
40°	17135.0	13673.9	5106.4	2056.6	822.6	591.9	491.6	441.4	421.4	431.4	441.4
42.5°	18238.5	14456.4	4624.8	1595.1	692.2	501.6	421.4	381.2	371.2	391.3	391.3
45°	19131.4	14767.4	3862.4	1183.8	612.0	431.4	371.2	351.1	331.1	341.1	341.1
47.5°	20064.3	14817.5	3150.1	953.1	541.7	391.3	341.1	321.0	301.0	301.0	301.0
50°	20967.2	14697.1	2407.7	842.7	501.6	351.1	311.0	290.9	270.9	260.8	260.8
52.5°	21188.0	13734.0	1765.7	782.5	461.5	331.1	290.9	270.9	250.8	240.8	240.8
55°	20576.0	11908.2	1384.4	702.3	421.4	301.0	270.9	250.8	220.7	210.7	210.7
57.5°	18559.5	9079.1	1103.5	601.9	381.2	290.9	250.8	230.7	200.6	190.6	190.6
60°	15941.1	6440.7	892.9	491.6	351.1	260.8	230.7	200.6	180.6	160.5	160.5
62.5°	13041.8	4624.8	722.3	411.3	331.1	230.7	210.7	180.6	140.5	110.4	110.4
65°	10002.1	3320.6	561.8	331.1	301.0	200.6	180.6	150.5	110.4	80.3	80.3
67.5°	6470.8	2146.9	421.4	290.9	230.7	170.5	140.5	120.4	100.3	70.2	60.2
70°	3410.9	1254.0	311.0	250.8	170.5	130.4	120.4	100.3	80.3	50.2	50.2
72.5°	1765.7	822.6	230.7	220.7	130.4	90.3	100.3	80.3	60.2	30.1	30.1
75°	1133.6	551.8	170.5	180.6	80.3	70.2	70.2	50.2	30.1	20.1	10.0
77.5°	732.3	371.2	120.4	150.5	50.2	40.1	40.1	20.1	10.0	0.0	0.0
80°	431.4	230.7	80.3	100.3	20.1	20.1	10.0	0.0	0.0	0.0	0.0
82.5°	220.7	120.4	40.1	40.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	140.5	60.2	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	70.2	20.1	10.0	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

**Test Information**

Test Method: LM-79-2019  
 Report Number: SP1-2407-184-9  
 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-830-U-5WQ**  
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

**Spectral Parameters**

CCT (K): 3055  
 CIE u': 0.2475  
 CIE v': 0.5247  
 Duv: 0.0032  
 CIE x: 0.4377  
 CIE y: 0.4124  
 CIE z: 0.1499  
 Peak Wavelength (nm): 604  
 Dominant Wavelength (nm): 581  
 Purity: 55.16339  
 Rf: 81.5  
 Rg: 99.2

CRI (Ra):	80.9		
R1:	79.5	R9:	6.8
R2:	85.6	R10:	67.1
R3:	92.1	R11:	82.5
R4:	82.4	R12:	63.4
R5:	78.9	R13:	80.2
R6:	81.7	R14:	95.1
R7:	85.1	R15:	71.7
R8:	61.9		



**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**

$\lambda$ (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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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**Scotopic Flux vs. Wavelength**



**Scotopic Lumens: NR**

**S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

**Summary**

$R_f = 81.5$   
 $R_g = 99.2$   
 $CIE R_a = 80.9$   
 $R_9 = 6.8$



**Color Vector Graphics**



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)