

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: P1458431

Luminaire Tested: GLAN-SB4A-840-U-T3LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1458431
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB4A-840-U-T3LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square
PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (104) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

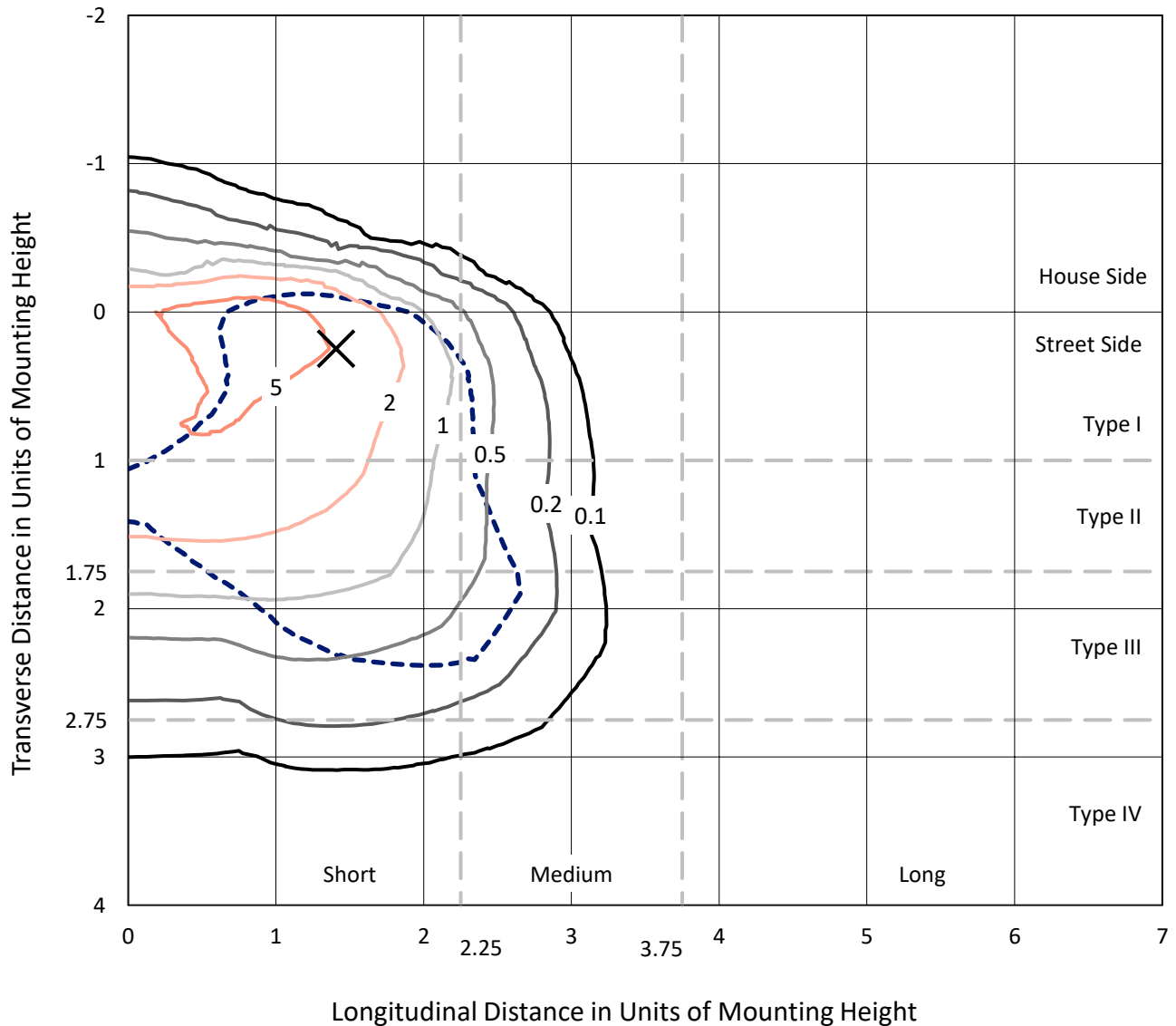
Lumens per Lamp: N/A
Luminaire Lumens: 13141.8 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 114
Input Voltage (V): 120
Input Current (A_{in}): 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

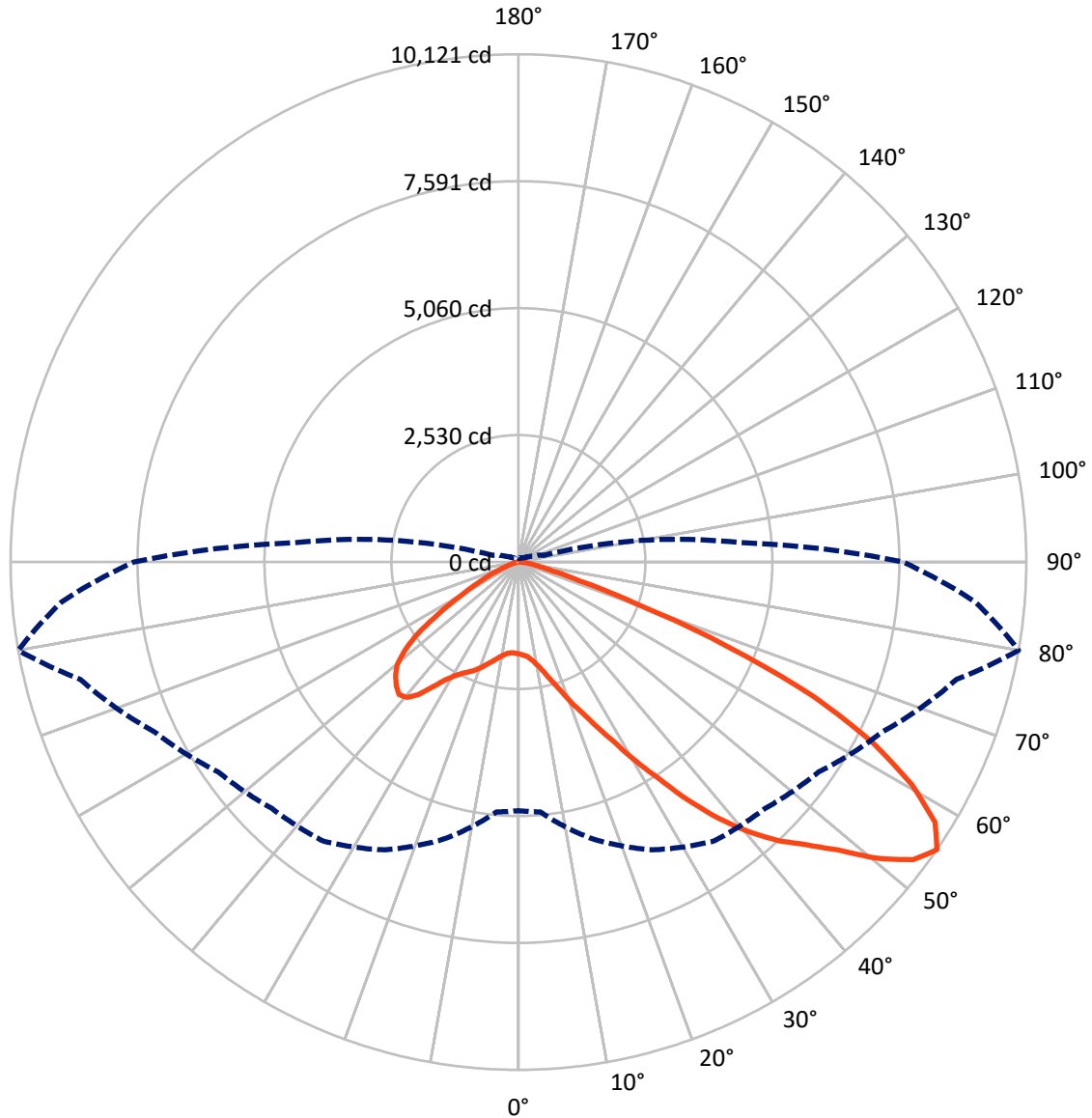
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 8.1 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
House Side	Lumens	1597.5	0.0	1597.5
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	11544.3	0.0	11544.3
	% Fixture	87.8	0.0	87.8
Total	Lumens	13141.8	0.0	13141.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.6	1.2
10°-20°	405.0	3.1
20°-30°	792.9	6.0
30°-40°	1613.1	12.3
40°-50°	2719.5	20.7
50°-60°	3474.7	26.4
60°-70°	2966.5	22.6
70°-80°	948.0	7.2
80°-90°	68.4	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°	13141.8	100.0
0°-180°	13141.8	100.0



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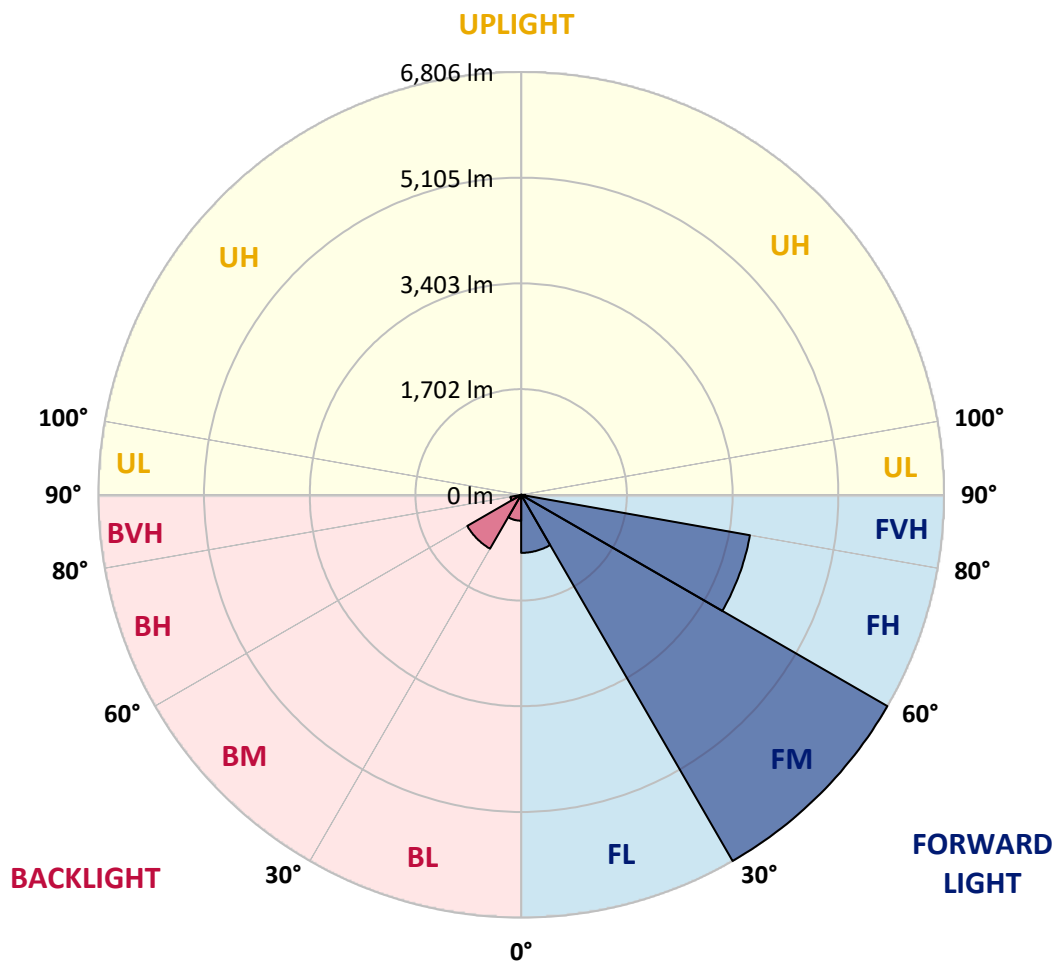
CATALOG NUMBER: GLAN-SB4A-840-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	934.4	7.1			
FM	(30°-60°)	6806.0	51.8			
FH	(60°-80°)	3738.9	28.5			G2/5000
FVH	(80°-90°)	64.9	0.5			G1/100
BL	(0°-30°)	417.2	3.2	B1/500		
BM	(30°-60°)	1001.2	7.6	B2/2500		
BH	(60°-80°)	175.6	1.3	B1/500		G1/500
BVH	(80°-90°)	3.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type III Short





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CATALOG NUMBER: GLAN-SB4A-840-U-T3LG-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6
2.5°	1841.8	1845.6	1841.8	1845.6	1853.0	1849.3	1864.3	1860.5	1860.5	1856.8	1841.8
5°	1737.2	1741.0	1748.4	1767.1	1793.3	1819.4	1853.0	1875.5	1897.9	1894.1	1879.2
7.5°	1531.8	1539.2	1569.1	1606.5	1692.4	1770.9	1856.8	1912.8	1961.4	1976.3	1965.1
10°	1415.9	1423.4	1442.1	1479.4	1557.9	1688.7	1856.8	1972.6	2058.5	2088.4	2092.1
12.5°	1404.7	1408.5	1423.4	1464.5	1531.8	1643.8	1853.0	2051.1	2196.8	2241.6	2256.5
15°	1412.2	1419.7	1434.6	1468.2	1546.7	1673.7	1882.9	2174.3	2379.8	2443.3	2447.1
17.5°	1442.1	1449.6	1468.2	1505.6	1591.5	1752.2	1976.3	2301.4	2600.2	2671.2	2712.3
20°	1501.9	1505.6	1528.0	1576.6	1673.7	1849.3	2114.6	2473.2	2865.5	2970.1	3000.0
22.5°	1580.3	1591.5	1621.4	1681.2	1804.5	1983.8	2305.1	2682.4	3156.9	3265.2	3317.6
25°	1666.2	1681.2	1726.0	1823.2	1980.1	2189.3	2540.5	2958.9	3500.6	3631.4	3702.4
27.5°	1841.8	1845.6	1875.5	1998.7	2200.5	2458.3	2839.3	3313.8	3904.1	4057.3	4135.7
30°	2226.6	2230.4	2204.2	2237.9	2443.3	2775.8	3190.5	3728.5	4374.8	4587.8	4651.3
32.5°	2697.4	2716.1	2712.3	2689.9	2783.3	3093.4	3609.0	4225.4	4927.8	5151.9	5211.7
35°	3231.6	3276.5	3265.2	3257.8	3269.0	3500.6	4087.2	4774.6	5555.4	5828.1	5876.7
37.5°	3754.7	3765.9	3818.2	3881.7	3889.2	4049.8	4640.1	5357.4	6138.2	6485.7	6560.4
40°	4158.1	4195.5	4326.3	4453.3	4584.0	4711.1	5095.9	5828.1	6601.5	7068.5	7102.1
42.5°	4472.0	4561.6	4752.2	4950.2	5215.4	5357.4	5529.3	6160.6	6978.8	7587.8	7572.8
45°	4853.0	4890.4	5159.4	5420.9	5689.9	5906.6	5902.8	6440.8	7274.0	8032.4	7939.0
47.5°	5110.8	5155.7	5521.8	5828.1	6104.6	6212.9	6235.4	6743.4	7681.2	8570.3	8349.9
50°	5249.1	5327.5	5727.3	6115.8	6414.7	6448.3	6549.2	7139.5	8215.4	9283.9	8869.2
52.5°	5264.0	5338.7	5798.2	6298.9	6623.9	6691.1	6863.0	7587.8	8734.7	9855.5	9168.1
55°	4953.9	4998.7	5712.3	6328.7	6788.3	6945.2	7296.4	8002.5	9037.3	10120.8	9141.9
57.5°	4662.5	4707.3	5327.5	6276.4	6956.4	7277.7	7759.6	8286.4	8802.0	9792.0	8559.1
60°	4412.2	4434.6	4998.7	6033.6	7019.9	7602.7	8159.4	8006.2	8193.0	9003.7	7561.6
62.5°	3941.5	3956.4	4625.1	5596.5	6892.9	7853.0	8297.6	7412.2	7524.3	7916.5	6388.5
65°	2977.6	3033.6	3646.3	5267.7	6683.7	7968.8	7976.3	6687.4	6571.6	6478.2	5024.9
67.5°	2021.2	2084.7	2454.5	4737.2	6343.7	8017.4	7352.4	5749.7	5006.2	4524.3	3291.4
70°	1613.9	1613.9	1741.0	3807.0	5536.7	7397.2	6579.1	4341.2	3179.3	2499.4	1763.4
72.5°	1061.0	1064.8	1184.3	2417.2	3926.5	5641.3	5364.9	2510.6	1651.3	1274.0	870.5
75°	384.8	384.8	519.3	967.6	2077.2	3358.6	3269.0	1199.2	896.6	694.9	526.8
77.5°	205.5	213.0	250.3	399.7	795.8	1367.4	1277.7	612.7	508.1	433.4	328.8
80°	138.2	142.0	168.1	246.6	384.8	526.8	411.0	343.7	343.7	291.4	220.4
82.5°	74.7	78.5	112.1	160.6	205.5	246.6	198.0	201.7	242.8	198.0	127.0
85°	52.3	52.3	85.9	115.8	115.8	119.6	85.9	127.0	142.0	123.3	85.9
87.5°	29.9	29.9	48.6	56.0	56.0	52.3	26.2	44.8	56.0	63.5	37.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1458431

CATALOG NUMBER: GLAN-SB4A-840-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6	1830.6
2.5°	1838.1	1826.9	1804.5	1759.6	1737.2	1707.3	1681.2	1647.6	1640.1	1636.4	1621.4
5°	1868.0	1845.6	1778.3	1681.2	1599.0	1520.5	1442.1	1397.3	1359.9	1341.2	1337.5
7.5°	1942.7	1897.9	1774.6	1602.7	1449.6	1315.1	1199.2	1098.4	1046.1	1001.2	1005.0
10°	2054.8	1983.8	1782.1	1528.0	1300.1	1083.4	915.3	769.6	665.0	616.4	612.7
12.5°	2204.2	2103.4	1808.2	1453.3	1117.1	814.4	601.5	515.6	493.1	489.4	485.7
15°	2387.3	2245.3	1834.4	1356.2	870.5	564.1	489.4	470.7	467.0	463.3	463.3
17.5°	2607.7	2409.7	1849.3	1191.8	635.1	485.7	459.5	448.3	444.6	440.8	440.8
20°	2884.2	2592.8	1868.0	982.6	538.0	467.0	437.1	422.2	418.4	418.4	414.7
22.5°	3156.9	2798.2	1853.0	799.5	519.3	444.6	411.0	396.0	388.5	388.5	384.8
25°	3470.7	3007.5	1808.2	721.0	515.6	425.9	384.8	362.4	351.2	347.4	347.4
27.5°	3829.4	3246.6	1737.2	724.8	515.6	411.0	351.2	321.3	313.8	306.4	306.4
30°	4240.3	3538.0	1684.9	773.3	523.0	396.0	321.3	283.9	272.7	265.3	269.0
32.5°	4711.1	3863.0	1681.2	851.8	534.2	373.6	287.7	246.6	235.4	231.6	235.4
35°	5245.3	4266.5	1767.1	911.6	504.4	325.0	246.6	213.0	201.7	201.7	205.5
37.5°	5839.3	4729.8	1882.9	896.6	407.2	257.8	213.0	186.8	175.6	179.3	183.1
40°	6381.1	5092.1	1901.6	765.9	306.4	220.4	183.1	164.4	156.9	160.6	164.4
42.5°	6792.0	5383.5	1722.3	594.0	257.8	186.8	156.9	142.0	138.2	145.7	145.7
45°	7124.5	5499.4	1438.4	440.8	227.9	160.6	138.2	130.8	123.3	127.0	127.0
47.5°	7472.0	5518.0	1173.1	354.9	201.7	145.7	127.0	119.6	112.1	112.1	112.1
50°	7808.2	5473.2	896.6	313.8	186.8	130.8	115.8	108.3	100.9	97.1	97.1
52.5°	7890.4	5114.6	657.5	291.4	171.9	123.3	108.3	100.9	93.4	89.7	89.7
55°	7662.5	4434.6	515.6	261.5	156.9	112.1	100.9	93.4	82.2	78.5	78.5
57.5°	6911.6	3381.1	411.0	224.2	142.0	108.3	93.4	85.9	74.7	71.0	71.0
60°	5936.5	2398.5	332.5	183.1	130.8	97.1	85.9	74.7	67.2	59.8	59.8
62.5°	4856.8	1722.3	269.0	153.2	123.3	85.9	78.5	67.2	52.3	41.1	41.1
65°	3724.8	1236.6	209.2	123.3	112.1	74.7	67.2	56.0	41.1	29.9	29.9
67.5°	2409.7	799.5	156.9	108.3	85.9	63.5	52.3	44.8	37.4	26.2	22.4
70°	1270.2	467.0	115.8	93.4	63.5	48.6	44.8	37.4	29.9	18.7	18.7
72.5°	657.5	306.4	85.9	82.2	48.6	33.6	37.4	29.9	22.4	11.2	11.2
75°	422.2	205.5	63.5	67.2	29.9	26.2	26.2	18.7	11.2	7.5	3.7
77.5°	272.7	138.2	44.8	56.0	18.7	14.9	14.9	7.5	3.7	0.0	0.0
80°	160.6	85.9	29.9	37.4	7.5	7.5	3.7	0.0	0.0	0.0	0.0
82.5°	82.2	44.8	14.9	14.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	52.3	22.4	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.2	7.5	3.7	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u': 0.2249
 CIE v': 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 Rf: 81.8
 Rg: 98.6

CRI (Ra):	80.2		
R1:	78.9	R9:	6.7
R2:	83.5	R10:	61.9
R3:	88.3	R11:	81.9
R4:	82.1	R12:	58.9
R5:	78.8	R13:	79.2
R6:	78.4	R14:	93.2
R7:	85.8	R15:	71.9
R8:	65.8		



Test Conditions

Stabilization Time: 24M
 Operation Time: 1H 24M
 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 = 3897K
 CIE x = 0.3882
 CIE y = 0.3900
 Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.57

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

Summary

$R_f = 81.8$
 $R_g = 98.6$
 CIE $R_a = 80.2$
 $R_9 = 6.7$



Color Vector Graphics



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

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)