

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: P1458962

Luminaire Tested: GLAN-SB1D-835-U-T4LG-HSS

Issue Date: 05/20/2026

**Test Information**

Test Method: LM-79-2024  
Report Number: P1458962  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 5/22/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB1D-835-U-T4LG-HSS  
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square  
PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD  
Light Source: (26) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

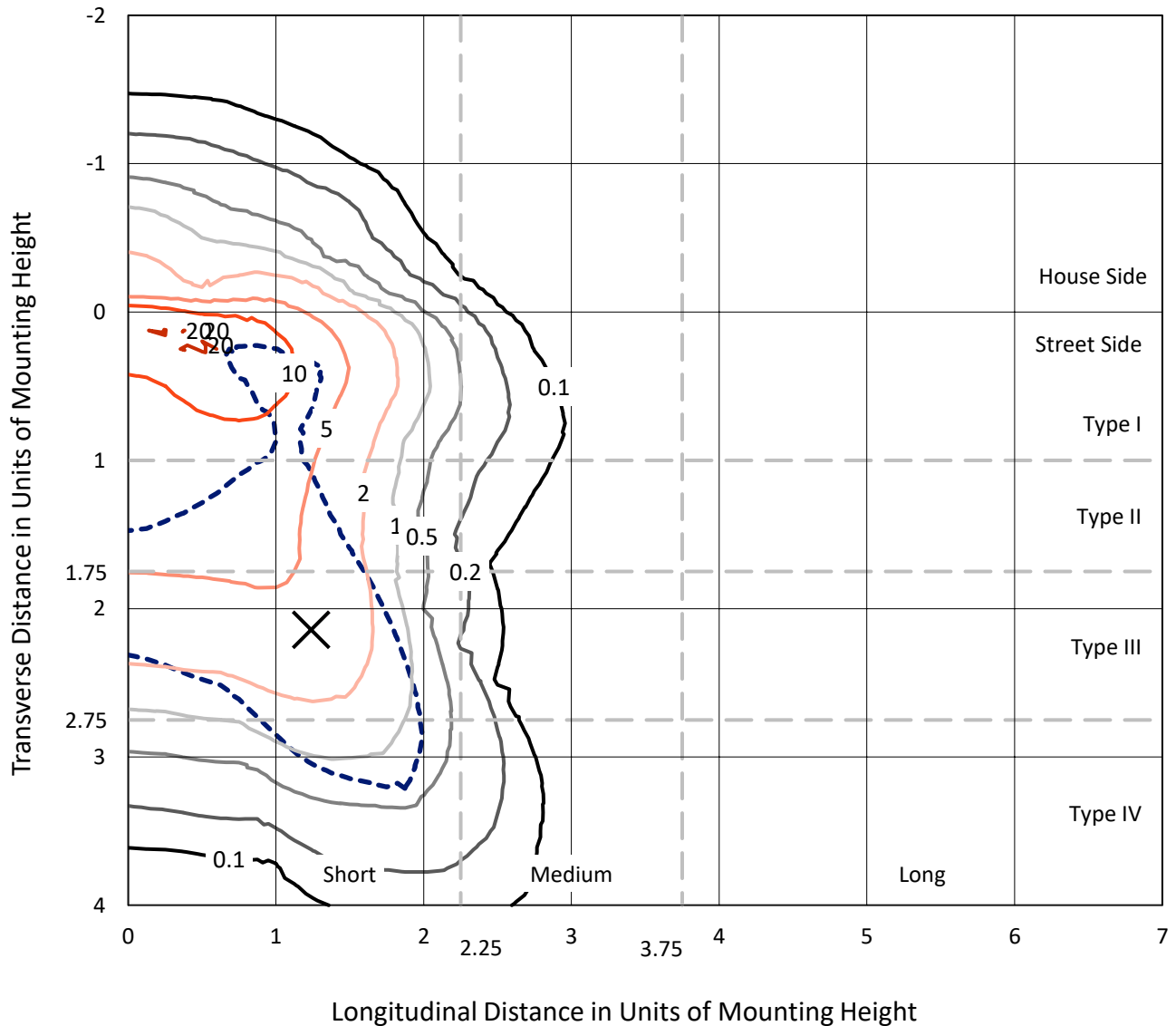
Lumens per Lamp: N/A  
Luminaire Lumens: 6848.5 lumens  
Efficiency: N/A  
Efficacy: 86.0 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2

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: P1458962  
 CATALOG NUMBER: GLAN-SB1D-835-U-T4LG-HSS

### Iso-Footcandle Lines of Horizontal Illumination

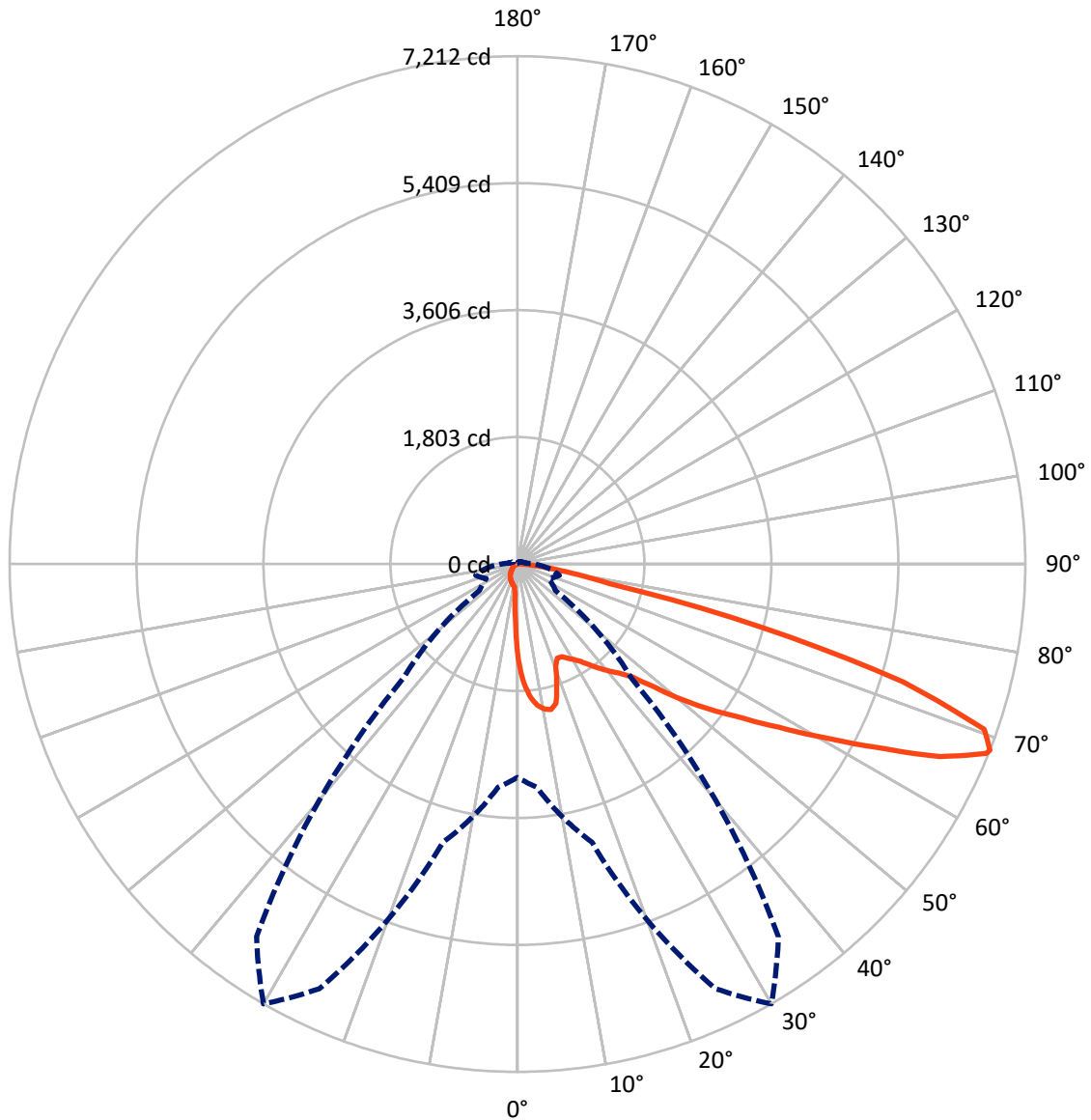
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20.7 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral    - - - Horizontal Cone Through 68-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	522.7	0.0	522.7
	% Fixture	7.6	0.0	7.6
<b>Street Side</b>	Lumens	6325.8	0.0	6325.8
	% Fixture	92.4	0.0	92.4
<b>Total</b>	Lumens	6848.5	0.0	6848.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	116.5	1.7
10°-20°	332.7	4.9
20°-30°	522.8	7.6
30°-40°	820.0	12.0
40°-50°	1225.6	17.9
50°-60°	1630.4	23.8
60°-70°	1576.1	23.0
70°-80°	566.6	8.3
80°-90°	57.8	0.8
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°	6848.5	100.0
0°-180°	6848.5	100.0



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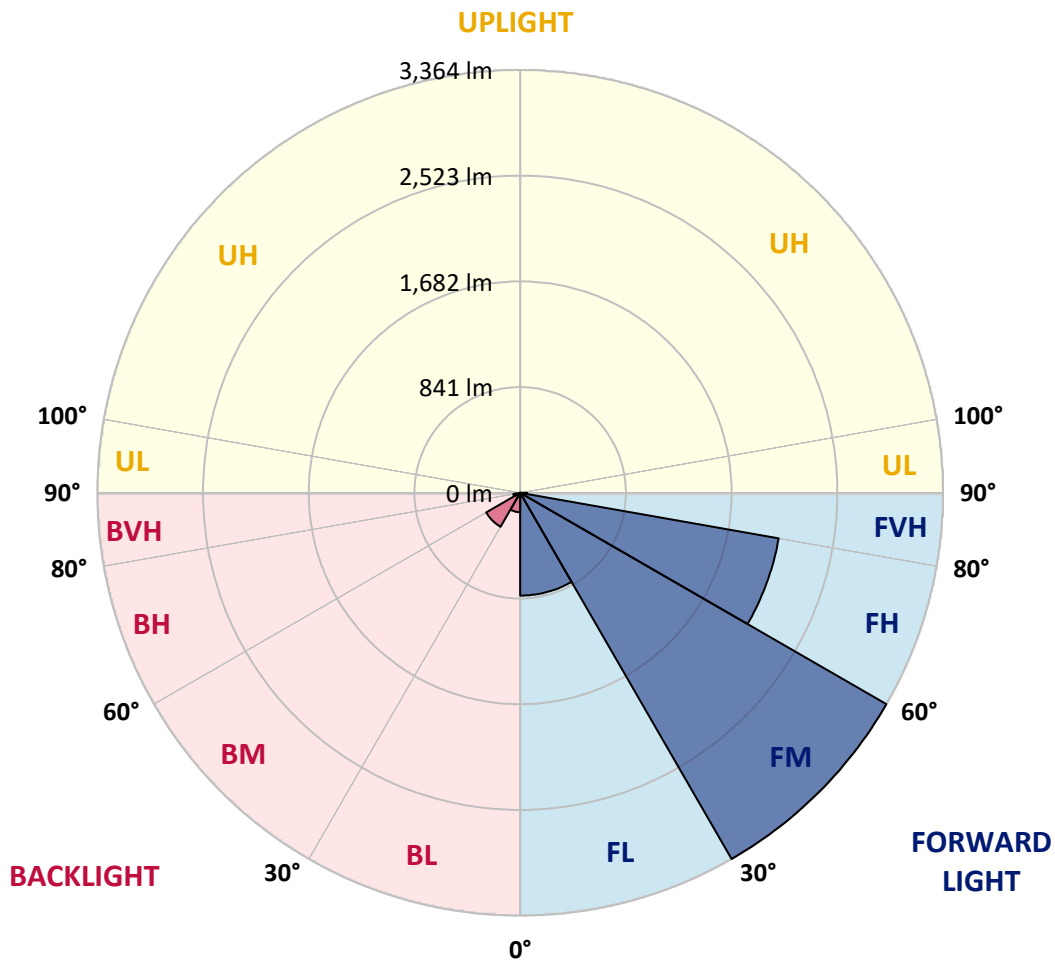
CATALOG NUMBER: GLAN-SB1D-835-U-T4LG-HSS

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	817.7	11.9			
FM	(30°-60°)	3364.0	49.1			
FH	(60°-80°)	2088.3	30.5			G2/5000
FVH	(80°-90°)	55.8	0.8			G1/100
BL	(0°-30°)	154.3	2.3	B1/500		
BM	(30°-60°)	312.0	4.6	B1/1000		
BH	(60°-80°)	54.4	0.8	B0/110		G0/110
BVH	(80°-90°)	2.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G2**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4
2.5°	1726.0	1726.0	1713.7	1697.3	1678.8	1672.7	1637.8	1588.5	1537.2	1477.7	1391.5
5°	1947.7	1945.6	1921.0	1921.0	1896.4	1873.8	1838.9	1767.1	1685.0	1578.3	1428.4
7.5°	2046.2	2050.3	2040.0	2040.0	2025.7	2009.2	1988.7	1918.9	1822.5	1678.8	1465.4
10°	2081.1	2083.1	2083.1	2097.5	2093.4	2091.3	2089.3	2050.3	1949.7	1781.4	1504.4
12.5°	1996.9	2007.2	2035.9	2099.5	2120.1	2142.6	2173.4	2161.1	2091.3	1910.7	1563.9
15°	1726.0	1728.1	1808.1	1966.1	2050.3	2136.5	2255.5	2280.2	2235.0	2050.3	1625.5
17.5°	1424.3	1430.5	1494.1	1670.6	1806.1	2005.1	2302.7	2403.3	2386.9	2187.8	1682.9
20°	1299.1	1307.3	1338.1	1449.0	1551.6	1736.3	2255.5	2520.3	2526.4	2325.3	1736.3
22.5°	1270.4	1276.6	1301.2	1387.4	1451.0	1574.1	2095.4	2612.6	2684.5	2483.3	1799.9
25°	1262.2	1268.3	1305.3	1399.7	1459.2	1561.8	1949.7	2661.9	2871.2	2647.5	1861.5
27.5°	1256.0	1264.2	1323.8	1444.8	1514.6	1613.1	1923.0	2672.1	3049.8	2822.0	1962.0
30°	1264.2	1276.6	1354.5	1492.1	1572.1	1682.9	1986.7	2682.4	3246.8	3021.0	2089.3
32.5°	1297.1	1307.3	1401.7	1555.7	1648.0	1773.2	2095.4	2744.0	3433.6	3224.2	2210.4
35°	1334.0	1348.4	1461.3	1646.0	1756.8	1898.4	2243.2	2865.1	3612.1	3417.1	2335.6
37.5°	1379.2	1395.6	1531.0	1748.6	1875.8	2035.9	2403.3	3033.4	3770.1	3575.2	2460.8
40°	1440.7	1459.2	1611.1	1857.4	1994.9	2155.0	2561.3	3199.6	3891.2	3669.6	2542.9
42.5°	1682.9	1707.5	1771.2	1964.1	2118.0	2282.2	2717.3	3357.6	3936.4	3700.4	2559.3
45°	2134.4	2159.1	2142.6	2179.6	2282.2	2436.1	2887.6	3509.5	3942.5	3692.2	2551.1
47.5°	2588.0	2616.7	2602.4	2581.8	2604.4	2678.3	3078.5	3606.0	3909.7	3688.1	2551.1
50°	3021.0	3004.6	3006.7	3000.5	3021.0	3060.0	3263.2	3624.4	3901.5	3727.1	2573.6
52.5°	3253.0	3261.2	3312.5	3388.4	3433.6	3472.6	3474.6	3653.2	3842.0	3661.4	2547.0
55°	3480.8	3497.2	3616.2	3745.5	3846.1	3920.0	3686.0	3634.7	3486.9	3441.8	2407.4
57.5°	3737.3	3759.9	3928.2	4195.0	4371.5	4410.5	3895.3	3289.9	2951.3	3127.8	2136.5
60°	4090.3	4117.0	4340.7	4740.9	5003.6	4923.6	3911.8	2741.9	2343.8	2596.2	1763.0
62.5°	4367.4	4420.7	4825.1	5449.0	5738.3	5483.9	3606.0	2101.6	1637.8	1824.5	1286.8
65°	4071.8	4174.5	4833.3	6259.6	6594.2	6142.7	3125.7	1434.6	923.6	1180.1	823.0
67.5°	3292.0	3435.6	4291.4	6653.7	7181.1	6489.5	2460.8	761.4	529.5	685.5	433.0
68°	3029.3	3185.2	4092.4	6653.7	7211.9	6458.7	2284.3	658.8	488.5	615.7	375.6
70°	2093.4	2204.2	3146.2	6280.2	7031.3	5888.2	1504.4	377.6	367.4	422.8	248.3
72.5°	1026.2	1145.2	1682.9	4976.9	5728.1	4525.4	685.5	250.4	279.1	309.9	195.0
75°	408.4	433.0	662.9	2454.6	3579.3	2887.6	359.2	188.8	240.1	242.2	153.9
77.5°	234.0	248.3	367.4	903.0	1342.2	1290.9	231.9	135.5	190.9	174.4	100.6
80°	131.3	133.4	207.3	476.1	767.6	687.5	158.0	98.5	145.7	123.1	67.7
82.5°	65.7	73.9	131.3	262.7	426.9	437.1	84.1	69.8	117.0	88.3	55.4
85°	47.2	51.3	94.4	145.7	197.0	295.5	51.3	34.9	88.3	59.5	39.0
87.5°	24.6	30.8	59.5	71.8	80.0	100.6	24.6	16.4	49.3	34.9	20.5
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-SB1D-835-U-T4LG-HSS

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4	1350.4
2.5°	1350.4	1303.2	1206.8	1093.9	1005.6	915.3	841.5	771.7	738.8	734.7	742.9
5°	1344.3	1241.7	1022.1	806.6	630.1	506.9	439.2	404.3	385.8	377.6	379.7
7.5°	1332.0	1176.0	825.0	545.9	408.4	355.1	338.6	332.5	330.4	330.4	330.4
10°	1319.7	1087.7	632.1	400.2	334.5	320.2	316.1	316.1	314.0	314.0	316.1
12.5°	1313.5	1005.6	490.5	334.5	312.0	305.8	301.7	299.6	299.6	299.6	301.7
15°	1299.1	915.3	396.1	309.9	297.6	289.4	287.3	285.3	285.3	285.3	285.3
17.5°	1286.8	827.1	344.8	293.5	283.2	275.0	273.0	270.9	270.9	273.0	273.0
20°	1268.3	742.9	309.9	277.1	268.9	260.6	258.6	256.5	258.6	258.6	258.6
22.5°	1245.8	673.2	289.4	264.8	254.5	246.3	246.3	246.3	246.3	246.3	248.3
25°	1231.4	623.9	275.0	250.4	240.1	234.0	231.9	231.9	236.0	236.0	238.1
27.5°	1254.0	611.6	277.1	246.3	227.8	221.7	219.6	219.6	223.7	225.8	227.8
30°	1321.7	634.2	301.7	258.6	219.6	209.3	207.3	207.3	213.4	215.5	217.5
32.5°	1399.7	681.4	338.6	275.0	213.4	197.0	192.9	192.9	199.1	201.1	203.2
35°	1506.4	755.3	387.9	289.4	217.5	184.7	176.5	176.5	180.6	184.7	186.8
37.5°	1643.9	876.3	445.4	299.6	217.5	170.3	160.1	158.0	162.1	162.1	164.2
40°	1787.6	1034.4	504.9	299.6	207.3	156.0	145.7	139.6	141.6	139.6	141.6
42.5°	1867.6	1161.6	556.2	281.2	195.0	141.6	131.3	123.1	121.1	117.0	119.0
45°	1912.8	1219.1	541.8	260.6	182.7	131.3	119.0	108.8	104.7	98.5	98.5
47.5°	1912.8	1225.2	463.8	244.2	170.3	123.1	106.7	96.5	90.3	84.1	86.2
50°	1890.2	1169.8	367.4	227.8	156.0	114.9	96.5	88.3	80.0	75.9	75.9
52.5°	1795.8	989.2	281.2	207.3	139.6	104.7	86.2	78.0	69.8	67.7	67.7
55°	1633.7	726.5	227.8	186.8	125.2	96.5	78.0	71.8	63.6	59.5	59.5
57.5°	1327.9	496.7	188.8	168.3	110.8	86.2	69.8	63.6	53.4	49.3	49.3
60°	985.1	324.3	160.1	147.8	94.4	78.0	61.6	53.4	45.2	41.0	39.0
62.5°	665.0	219.6	133.4	117.0	80.0	67.7	53.4	45.2	34.9	26.7	26.7
65°	414.6	170.3	110.8	92.4	69.8	59.5	45.2	34.9	24.6	18.5	16.4
67.5°	238.1	137.5	90.3	71.8	59.5	47.2	34.9	28.7	20.5	14.4	12.3
68°	219.6	131.3	84.1	67.7	55.4	45.2	32.8	26.7	18.5	12.3	12.3
70°	178.6	117.0	71.8	55.4	47.2	36.9	28.7	22.6	14.4	8.2	8.2
72.5°	158.0	98.5	61.6	43.1	32.8	30.8	22.6	16.4	10.3	6.2	4.1
75°	129.3	78.0	49.3	32.8	22.6	22.6	16.4	10.3	4.1	0.0	0.0
77.5°	84.1	57.5	39.0	20.5	12.3	14.4	10.3	4.1	0.0	0.0	0.0
80°	55.4	43.1	26.7	10.3	6.2	6.2	2.1	0.0	0.0	0.0	0.0
82.5°	39.0	28.7	16.4	4.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
85°	24.6	12.3	6.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.3	4.1	2.1	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  
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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**

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	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**

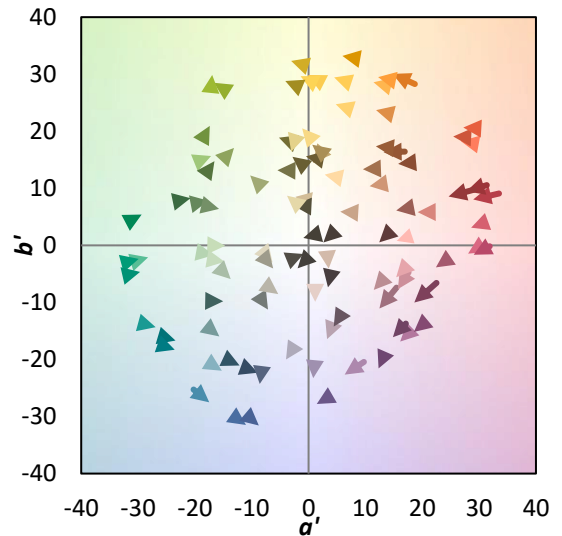
$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)	$\lambda$ (nm)	Power W <sup>^</sup> /nm	Lumens ( $\phi$ /nm)
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			

**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)