

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: P1457264

Luminaire Tested: GLAN-SB9B-835-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457264
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB9B-835-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 9xLight Square
PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE
Light Source: (234) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 46572.9 lumens
Efficiency: N/A
Efficacy: 141.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G4

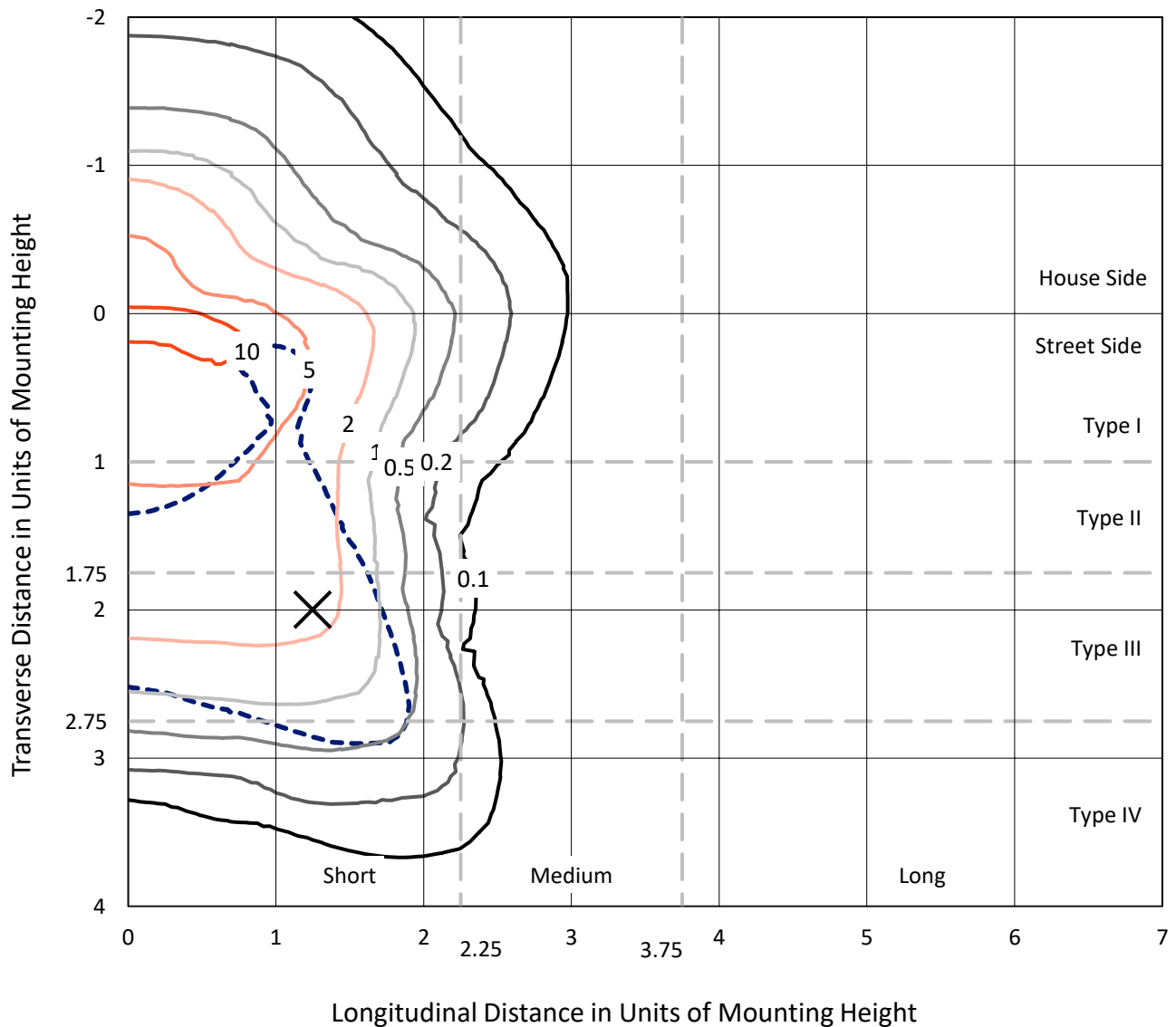
Input Watts (W): 329.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GLAN-SB9B-835-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

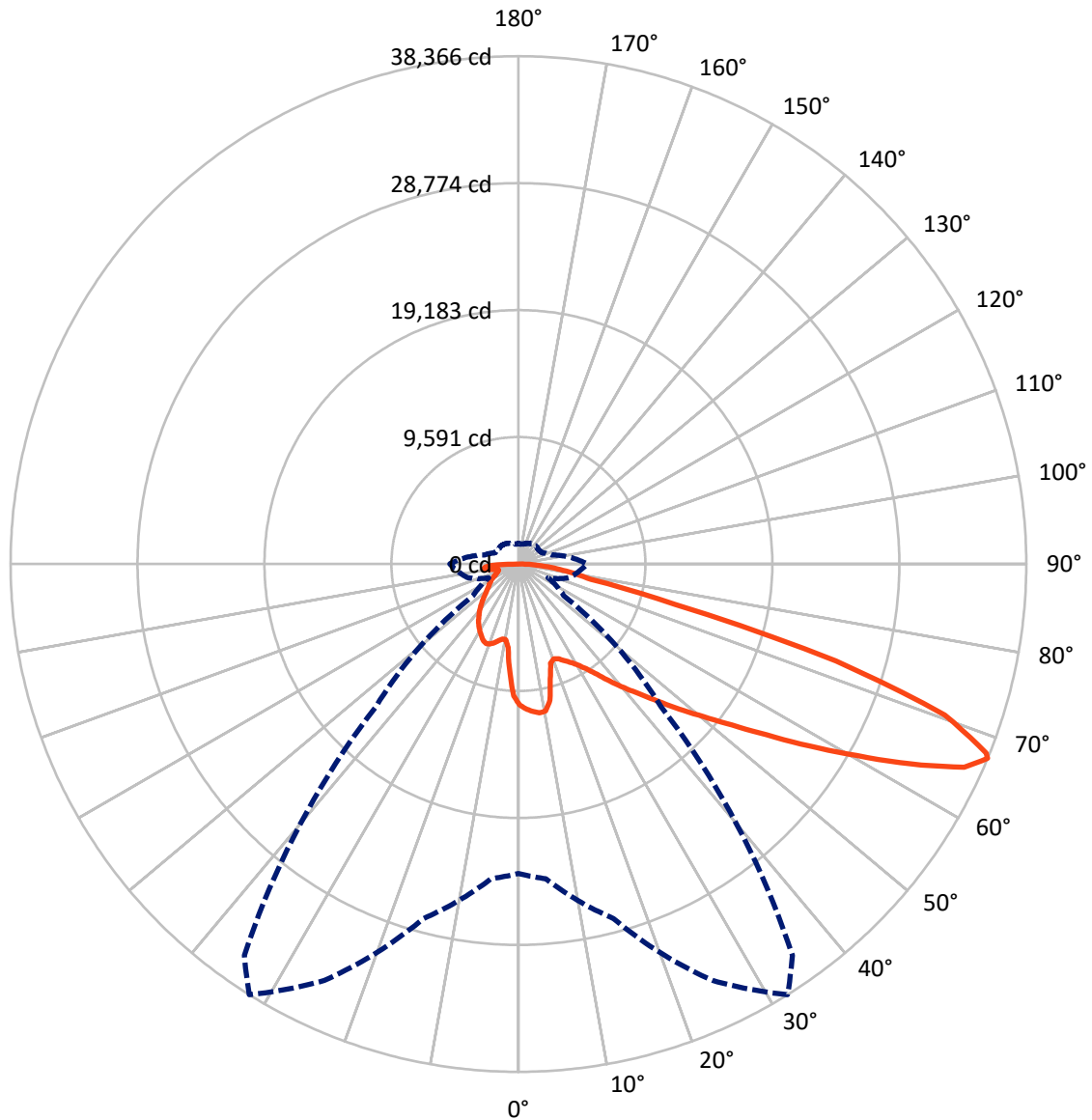


Based on 30 foot mounting height. Maximum calculated value = 12.8 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GLAN-SB9B-835-U-T4LG

Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11026.0	0.0	11026.0
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	35546.9	0.0	35546.9
	% Fixture	76.3	0.0	76.3
Total	Lumens	46572.9	0.0	46572.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	929.8	2.0
10°-20°	2468.6	5.3
20°-30°	4031.3	8.7
30°-40°	5941.8	12.8
40°-50°	8194.1	17.6
50°-60°	10351.6	22.2
60°-70°	10018.5	21.5
70°-80°	3575.5	7.7
80°-90°	1061.8	2.3
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°	46572.9	100.0
0°-180°	46572.9	100.0



REPORT NUMBER: P1457264

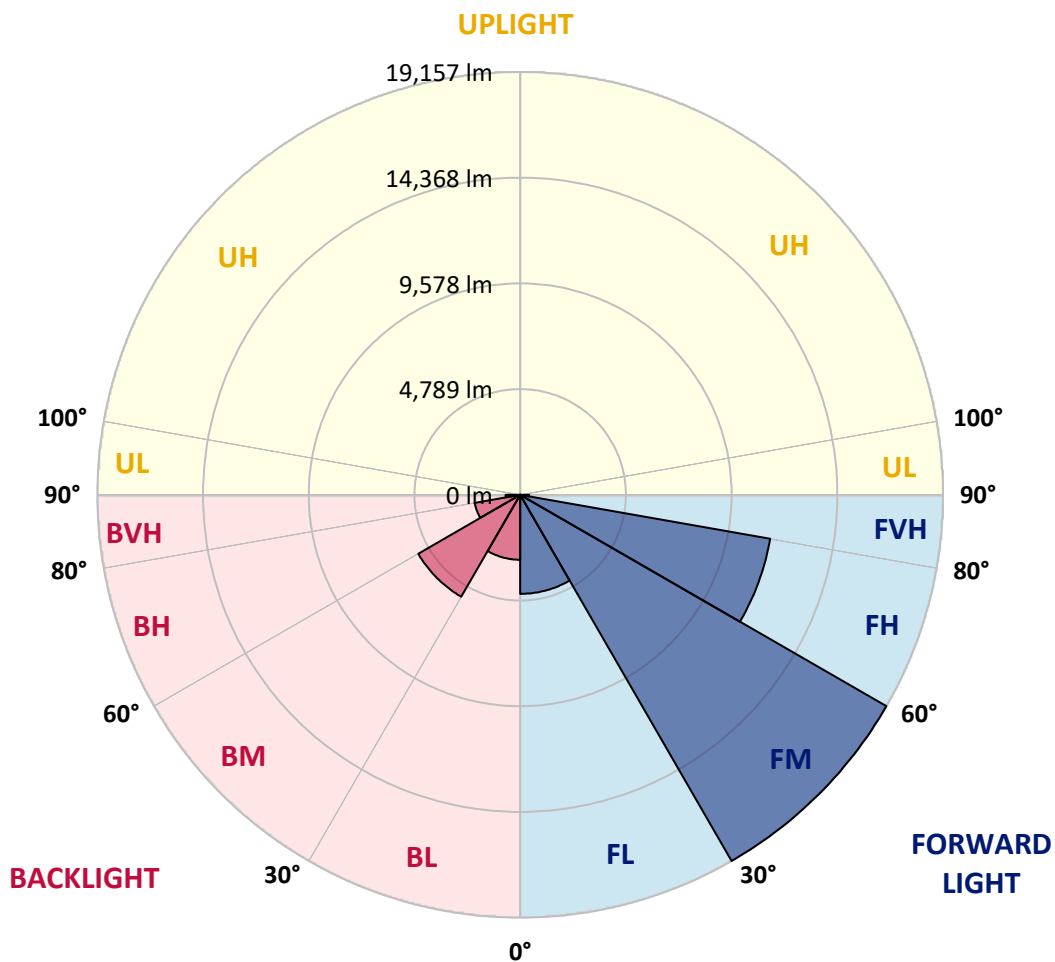
CATALOG NUMBER: GLAN-SB9B-835-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	4487.4	9.6			
FM	(30°-60°)	19156.9	41.1			
FH	(60°-80°)	11502.5	24.7			G4/12000
FVH	(80°-90°)	400.1	0.9			G3/500
BL	(0°-30°)	2942.3	6.3	B4/5000		
BM	(30°-60°)	5330.6	11.4	B4/8500		
BH	(60°-80°)	2091.5	4.5	B3/2500		G3/2500
BVH	(80°-90°)	661.7	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0
2.5°	11044.3	11013.3	10982.2	11002.9	10961.6	10951.2	10899.5	10878.8	10816.8	10806.4	10692.7
5°	11271.8	11209.7	11199.4	11220.1	11178.7	11178.7	11137.4	11106.3	11013.3	10961.6	10796.1
7.5°	11271.8	11261.5	11282.1	11354.5	11364.9	11364.9	11364.9	11375.2	11282.1	11209.7	10951.2
10°	10630.6	10527.2	10754.7	11116.7	11292.5	11395.9	11582.0	11695.8	11623.4	11571.7	11220.1
12.5°	8717.5	8727.9	9089.8	9865.4	10568.6	10868.5	11644.1	12057.7	12088.7	12006.0	11561.3
15°	7393.9	7445.6	7631.7	8190.1	8996.8	9441.4	11282.1	12378.3	12626.5	12543.7	11975.0
17.5°	6990.6	7021.6	7104.3	7424.9	7879.9	8241.9	10299.7	12585.1	13278.0	13174.6	12440.3
20°	6928.5	6949.2	7052.6	7321.5	7631.7	7838.6	9296.6	12419.7	13888.1	13846.7	12864.3
22.5°	6938.9	6959.6	7094.0	7466.3	7786.8	7962.6	8976.1	12037.0	14529.2	14570.6	13298.6
25°	6959.6	6969.9	7176.7	7673.1	8076.4	8293.6	9182.9	11695.8	15067.0	15418.6	13774.3
27.5°	7073.3	7104.3	7383.5	7942.0	8417.7	8665.8	9668.9	11809.5	15656.4	16380.3	14343.1
30°	7383.5	7404.2	7745.5	8324.6	8841.6	9100.2	10248.0	12264.5	16380.3	17373.0	14901.5
32.5°	7869.6	7890.3	8283.2	8883.0	9441.4	9751.7	11002.9	13133.2	17186.9	18417.5	15459.9
35°	8541.7	8552.1	8996.8	9637.9	10227.3	10578.9	11881.9	14115.6	18024.5	19306.8	15873.6
37.5°	9338.0	9410.4	9865.4	10537.6	11230.4	11551.0	12916.0	15263.5	18769.1	20061.7	16111.4
40°	10434.2	10454.8	10899.5	11551.0	12285.2	12595.5	13950.1	16349.3	19586.0	20506.4	16328.6
42.5°	11561.3	11737.1	12109.4	12833.3	13381.4	13629.6	15129.0	17342.0	20237.5	20527.1	16235.5
45°	13071.1	13205.6	13577.9	14219.0	14767.1	15056.6	16401.0	18252.0	20568.4	20351.3	16028.7
47.5°	14798.1	14880.8	15180.7	15759.8	16370.0	16576.8	17724.6	18769.1	20692.5	20227.2	15935.6
50°	16835.3	16835.3	17052.5	17548.8	18107.3	18396.8	18944.9	19079.3	21054.5	20010.0	16173.5
52.5°	18551.9	18634.7	18924.2	19627.4	20185.8	20516.7	19896.3	19555.0	20320.3	18800.1	16245.9
55°	20196.2	20289.2	20940.7	21819.7	22771.1	23133.0	21085.5	19317.2	17848.7	17031.8	15749.5
57.5°	21768.0	21964.5	22781.4	24498.1	25935.5	25904.4	22595.3	17186.9	14570.6	15077.3	14663.7
60°	23960.3	24167.1	25470.1	27631.4	29389.4	28655.2	22616.0	14301.7	11354.5	12037.0	12626.5
62.5°	25790.7	26142.3	28055.4	31654.1	33267.3	32119.4	20744.2	10951.2	7538.7	8397.0	9762.0
65°	25625.2	26090.6	29058.5	34611.6	37021.1	35956.0	18003.8	6928.5	3888.3	5739.3	6835.5
67°	23370.9	23877.6	27724.5	34715.1	38365.5	36090.4	15201.4	4188.1	2471.5	3981.3	4746.6
67.5°	22078.2	22822.8	27062.6	34518.6	38117.3	35521.7	13939.8	3505.6	2326.7	3702.1	4322.6
70°	13577.9	14777.4	20309.9	30516.6	34167.0	29730.7	7745.5	1985.5	1892.4	2481.9	2988.6
72.5°	4084.7	4446.7	7838.6	19575.7	25077.2	22036.9	3484.9	1530.5	1695.9	1995.8	2306.1
75°	1985.5	2119.9	3236.8	8004.0	12212.8	12150.8	1944.1	1313.3	1571.8	1675.3	1820.0
77.5°	1272.0	1354.7	2016.5	4477.7	5594.5	4984.4	1406.4	1147.9	1396.0	1375.4	1354.7
80°	796.3	837.6	1292.6	2595.6	4126.1	3443.6	1034.1	941.0	1199.6	1065.1	961.7
82.5°	517.1	568.8	827.3	1582.2	2947.2	2564.6	682.5	672.2	992.7	848.0	744.6
85°	341.3	382.6	527.4	930.7	1747.6	1830.4	444.7	465.3	765.2	641.1	568.8
87.5°	124.1	155.1	268.9	413.6	816.9	1013.4	186.1	175.8	372.3	299.9	237.8
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-SB9B-835-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0	10641.0
2.5°	10672.0	10641.0	10496.2	10372.1	10279.0	10155.0	10020.5	9865.4	9762.0	9782.7	9751.7
5°	10723.7	10641.0	10361.8	9937.8	9524.1	9007.1	8345.3	7952.3	7652.4	7497.3	7538.7
7.5°	10837.5	10692.7	10103.3	9244.9	8169.5	7114.7	6463.2	6090.9	5915.1	5842.7	5832.4
10°	11033.9	10785.8	9772.3	8169.5	6763.1	6049.5	5811.7	5708.3	5687.6	5687.6	5677.3
12.5°	11271.8	10878.8	9213.9	7125.0	6090.9	5832.4	5791.0	5801.4	5832.4	5863.4	5811.7
15°	11561.3	10920.2	8521.1	6494.2	5956.5	5894.4	5956.5	6028.9	6080.6	6121.9	6070.2
17.5°	11850.9	10878.8	7869.6	6194.3	5977.2	6059.9	6184.0	6297.7	6328.8	6390.8	6349.4
20°	12057.7	10734.1	7311.2	6080.6	6028.9	6215.0	6370.1	6494.2	6556.3	6597.6	6556.3
22.5°	12212.8	10547.9	6907.9	5966.8	6028.9	6256.4	6442.5	6587.3	6659.7	6701.0	6649.3
25°	12347.3	10289.4	6597.6	5801.4	5904.8	6121.9	6328.8	6473.5	6576.9	6639.0	6608.0
27.5°	12512.7	10082.6	6308.1	5553.2	5646.2	5853.1	6070.2	6246.0	6442.5	6545.9	6525.2
30°	12698.9	9979.2	6028.9	5284.3	5346.3	5553.2	5811.7	6049.5	6318.4	6452.8	6452.8
32.5°	12916.0	9906.8	5770.3	5025.8	5077.5	5305.0	5553.2	5770.3	6059.9	6277.0	6266.7
35°	13009.1	9824.0	5563.5	4787.9	4891.3	5077.5	5274.0	5418.7	5718.6	5977.2	5997.8
37.5°	13102.2	9793.0	5460.1	4601.8	4684.5	4829.3	4932.7	5005.1	5284.3	5553.2	5563.5
40°	13215.9	9937.8	5532.5	4477.7	4405.3	4550.1	4601.8	4643.2	4787.9	4963.7	4963.7
42.5°	13143.5	10041.2	5697.9	4363.9	4064.1	4229.5	4250.2	4239.8	4250.2	4260.5	4250.2
45°	12957.4	9937.8	5697.9	4188.1	3702.1	3877.9	3867.6	3815.9	3733.1	3516.0	3484.9
47.5°	12916.0	9875.7	5480.8	3898.6	3340.2	3484.9	3505.6	3402.2	3164.4	2936.9	2864.5
50°	13091.8	9989.5	5139.5	3547.0	3029.9	3154.0	3205.7	3029.9	2761.1	2523.2	2481.9
52.5°	13350.4	10134.3	4643.2	3164.4	2771.4	2895.5	2957.6	2761.1	2481.9	2295.7	2275.0
55°	13319.3	10134.3	4084.7	2812.8	2574.9	2668.0	2771.4	2564.6	2347.4	2244.0	2233.7
57.5°	12647.2	9751.7	3671.1	2564.6	2388.8	2471.5	2606.0	2409.5	2202.7	2223.3	2254.4
60°	11333.8	8758.9	3360.9	2399.1	2223.3	2306.1	2450.8	2223.3	1954.5	1882.1	1882.1
62.5°	9338.0	7218.1	3112.7	2233.7	2068.2	2171.6	2244.0	1944.1	1768.3	1685.6	1685.6
65°	7000.9	5584.2	2854.1	2099.2	1933.8	2047.5	1964.8	1820.0	1644.2	1582.2	1592.5
67°	5191.2	4332.9	2637.0	1985.5	1851.1	1902.8	1840.7	1737.3	1561.5	1509.8	1561.5
67.5°	4663.8	4115.8	2585.3	1954.5	1830.4	1871.7	1809.7	1727.0	1540.8	1489.1	1540.8
70°	3205.7	3164.4	2306.1	1809.7	1716.6	1675.3	1706.3	1602.9	1447.8	1427.1	1478.8
72.5°	2440.5	2523.2	2068.2	1685.6	1592.5	1540.8	1613.2	1509.8	1354.7	1385.7	1437.4
75°	1913.1	2037.2	1851.1	1509.8	1447.8	1458.1	1602.9	1561.5	1437.4	1468.4	1478.8
77.5°	1416.7	1644.2	1582.2	1313.3	1261.6	1406.4	1809.7	1933.8	1716.6	1664.9	1592.5
80°	1034.1	1178.9	1334.0	1085.8	1054.8	1354.7	2233.7	2471.5	2119.9	1913.1	1861.4
82.5°	765.2	827.3	1096.2	868.7	765.2	1209.9	2481.9	2905.8	2523.2	2130.3	2068.2
85°	548.1	641.1	868.7	641.1	506.7	992.7	2430.2	2843.8	2502.5	2016.5	1964.8
87.5°	196.5	279.2	372.3	289.6	258.5	682.5	2006.2	2047.5	1561.5	713.5	723.9
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

REPORT NUMBER: SP1-2407-184-10

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 [^] /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	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

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	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 [^] /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	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)