

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: P1457752

Luminaire Tested: GLAN-SB5B-827-U-T2LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457752
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/21/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB5B-827-U-T2LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 5xLight Square
PACKAGE 80CRI 2700K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (130) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

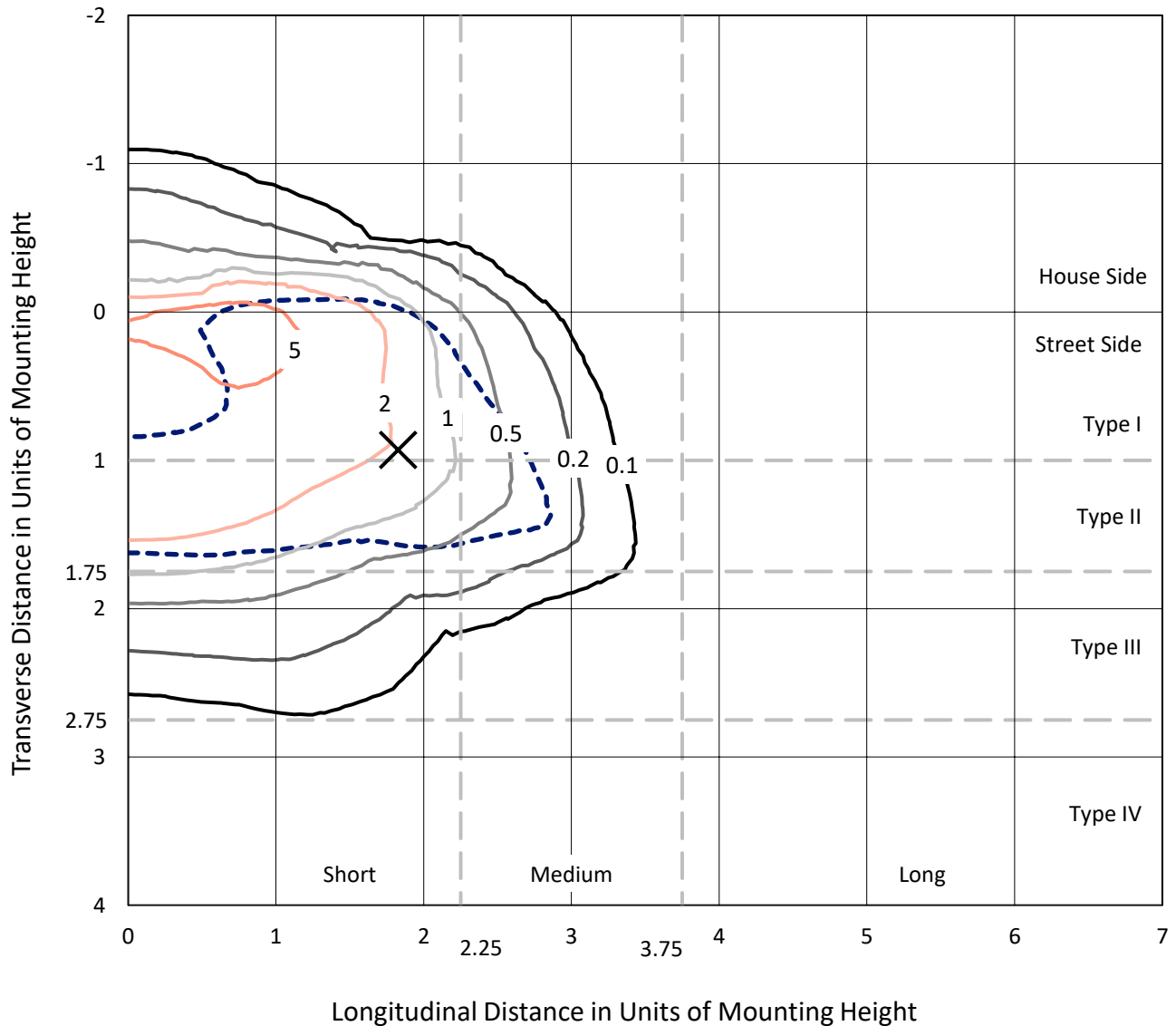
Lumens per Lamp: N/A
Luminaire Lumens: 17918.3 lumens
Efficiency: N/A
Efficacy: 98.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

Input Watts (W): 182.7
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: P1457752
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Iso-Footcandle Lines of Horizontal Illumination

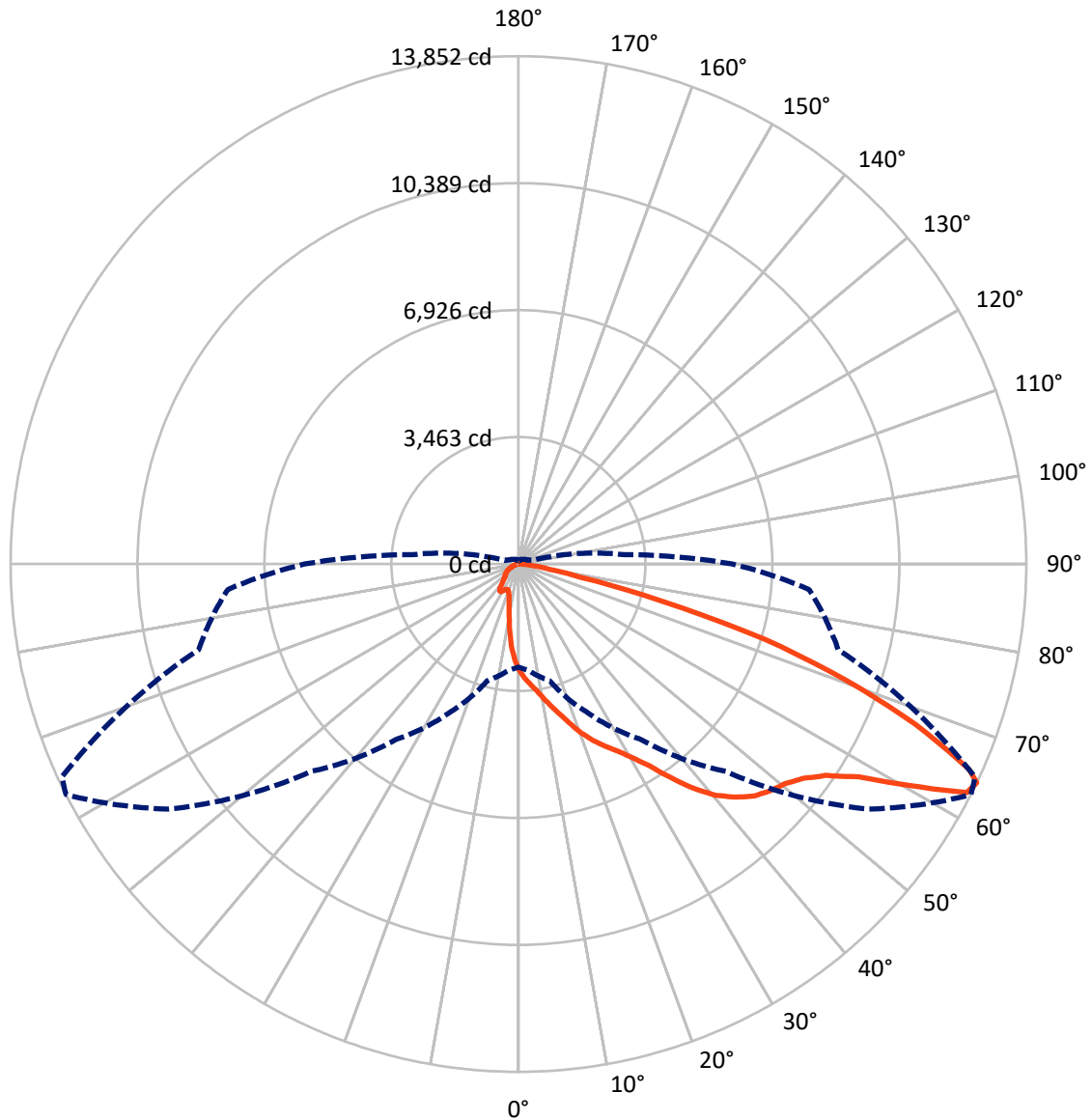
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.2 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

REPORT NUMBER: P1457752

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2126.3	0.0	2126.3
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	15792.0	0.0	15792.0
	% Fixture	88.1	0.0	88.1
Total	Lumens	17918.3	0.0	17918.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	244.0	1.4
10°-20°	685.6	3.8
20°-30°	1221.0	6.8
30°-40°	2332.2	13.0
40°-50°	3865.8	21.6
50°-60°	4818.7	26.9
60°-70°	3593.1	20.1
70°-80°	1030.5	5.8
80°-90°	127.4	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°	17918.3	100.0
0°-180°	17918.3	100.0



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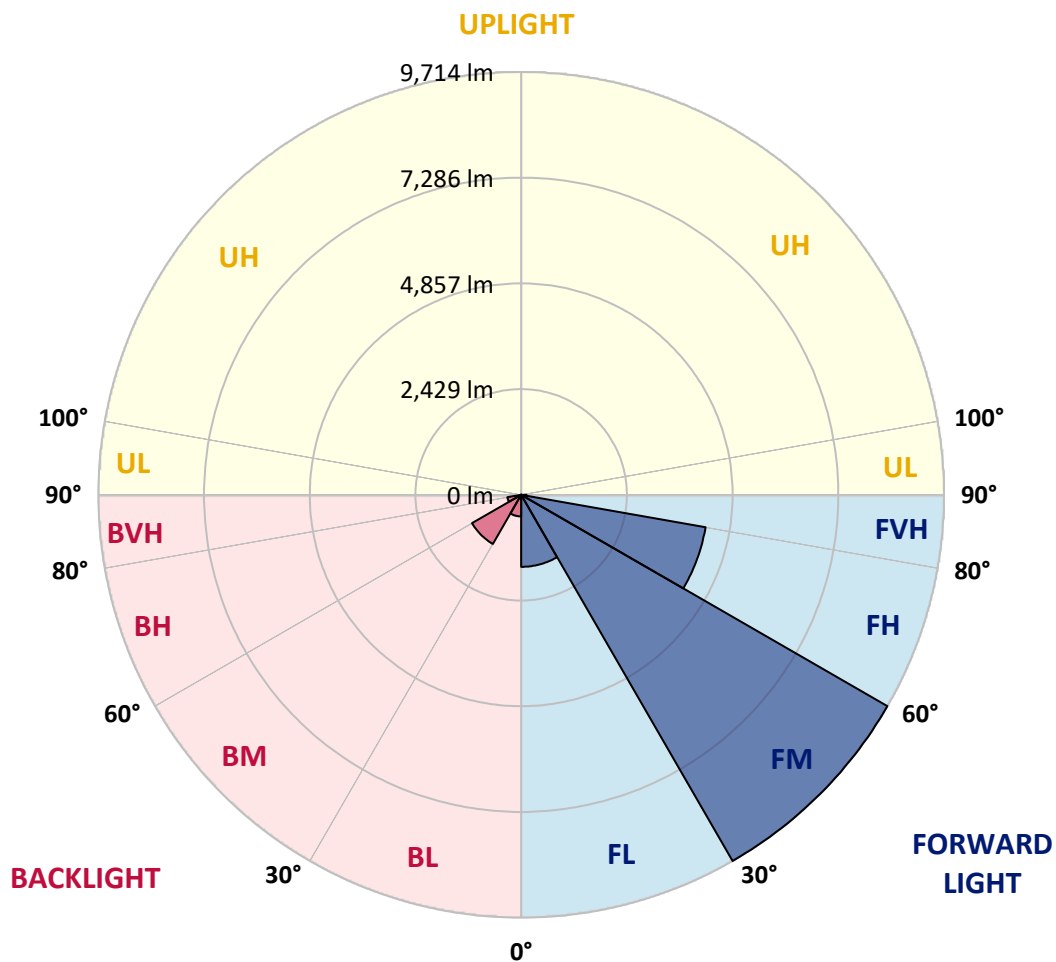
CATALOG NUMBER: GLAN-SB5B-827-U-T2LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1654.5	9.2			
FM (30°-60°)	9714.2	54.2			
FH (60°-80°)	4302.0	24.0			G2/5000
FVH (80°-90°)	121.2	0.7			G2/225
BL (0°-30°)	496.1	2.8	B1/500		
BM (30°-60°)	1302.4	7.3	B2/2500		
BH (60°-80°)	321.6	1.8	B1/500		G1/500
BVH (80°-90°)	6.3	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 II Short





REPORT NUMBER: P1457752

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2
2.5°	3246.6	3235.8	3225.0	3208.9	3187.4	3165.9	3139.0	3101.4	3085.3	3031.5	2967.0
5°	3413.2	3413.2	3407.8	3397.1	3386.3	3364.8	3332.6	3284.2	3262.7	3187.4	3074.5
7.5°	3456.2	3461.6	3477.7	3499.2	3531.4	3526.1	3526.1	3472.3	3461.6	3380.9	3230.4
10°	3380.9	3386.3	3429.3	3488.4	3585.2	3676.6	3741.1	3708.8	3692.7	3612.1	3423.9
12.5°	3273.4	3273.4	3343.3	3434.7	3585.2	3757.2	3945.3	3977.6	3982.9	3891.6	3665.8
15°	2993.9	3004.7	3117.5	3300.3	3547.6	3816.3	4133.4	4257.1	4289.3	4230.2	3961.4
17.5°	2623.0	2633.8	2746.7	2993.9	3364.8	3816.3	4294.7	4579.6	4622.6	4633.3	4337.7
20°	2467.2	2467.2	2531.7	2719.8	3106.8	3714.2	4391.4	4923.6	5020.3	5138.6	4751.6
22.5°	2488.7	2488.7	2526.3	2633.8	2945.5	3574.4	4450.6	5230.0	5428.8	5729.8	5283.7
25°	2606.9	2606.9	2639.2	2709.0	2961.7	3552.9	4563.4	5504.1	5821.2	6391.0	5891.1
27.5°	2795.0	2789.7	2816.5	2886.4	3117.5	3655.1	4751.6	5778.2	6133.0	7132.7	6589.9
30°	3069.2	3053.0	3063.8	3144.4	3370.2	3891.6	5025.7	6127.6	6487.7	7944.4	7363.9
32.5°	3703.4	3698.1	3542.2	3499.2	3741.1	4273.2	5402.0	6563.0	6966.1	8804.4	8159.4
35°	4848.3	4923.6	4703.2	4138.8	4187.2	4783.8	5939.5	7154.2	7525.1	9718.2	9024.8
37.5°	6009.3	6009.3	5918.0	5251.5	4912.8	5348.2	6520.0	7761.6	8148.6	10454.5	9857.9
40°	6928.5	6976.9	6869.4	6369.5	5928.7	5993.2	7100.5	8293.8	8648.5	10906.0	10449.2
42.5°	7611.1	7600.4	7557.4	7229.5	6982.2	6837.1	7627.2	8691.5	9030.1	11137.2	10820.0
45°	8347.5	8347.5	8288.4	8019.6	7815.4	7691.7	8019.6	9024.8	9379.5	11276.9	11051.2
47.5°	9116.1	9105.4	9046.3	8750.6	8530.3	8347.5	8417.4	9239.8	9594.5	11185.5	11088.8
50°	9304.3	9293.5	9427.9	9438.6	9239.8	8890.4	8734.5	9422.5	9734.3	11190.9	11207.0
52.5°	9083.9	9148.4	9347.3	9589.1	9814.9	9449.4	9073.1	9712.8	10035.3	11341.4	11502.7
55°	8535.6	8562.5	8944.1	9331.1	9857.9	9986.9	9616.0	10175.0	10459.9	11486.6	11766.1
57.5°	7514.4	7616.5	8025.0	8696.9	9497.8	10035.3	10562.0	10949.0	11164.0	11545.7	11620.9
60°	5670.7	5724.5	6611.4	7482.1	8750.6	9648.3	11443.6	12260.6	12233.7	10879.2	10605.0
62.5°	3450.8	3499.2	4133.4	5514.8	7111.2	8842.0	11739.2	13728.0	13582.8	9755.8	8928.0
64°	2811.2	2902.5	3294.9	4477.4	5848.1	7998.1	11653.2	13851.6	13738.7	9030.1	7955.1
65°	2402.7	2526.3	2929.4	3886.2	4972.0	7089.7	11416.7	13507.6	13432.3	8589.4	7148.9
67.5°	1510.4	1569.5	2166.2	3020.8	3423.9	4536.6	9814.9	11680.1	11814.4	7654.1	5273.0
70°	1123.4	1150.3	1488.9	2338.2	2671.4	2639.2	6740.4	9460.1	9492.4	6122.2	3182.0
72.5°	817.0	822.4	1042.8	1730.8	2090.9	1800.7	3552.9	7030.6	6799.5	3585.2	1736.2
75°	542.9	564.4	731.0	1220.1	1628.7	1322.3	1617.9	4004.4	3934.6	1752.3	994.4
77.5°	397.8	403.1	494.5	817.0	1279.3	972.9	978.3	1725.4	1779.2	1042.8	628.9
80°	225.8	236.5	322.5	499.9	833.1	666.5	548.3	833.1	956.8	709.5	419.3
82.5°	134.4	145.1	231.1	327.9	569.8	274.1	279.5	456.9	569.8	510.6	225.8
85°	80.6	86.0	145.1	177.4	338.6	182.8	102.1	225.8	295.6	301.0	123.6
87.5°	53.8	53.8	80.6	75.3	96.8	86.0	43.0	59.1	75.3	102.1	48.4
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: P1457752

CATALOG NUMBER: GLAN-SB5B-827-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2	2897.2
2.5°	2913.3	2881.0	2784.3	2655.3	2537.0	2445.7	2332.8	2257.5	2187.7	2187.7	2128.5
5°	2983.2	2897.2	2660.7	2365.0	2047.9	1746.9	1553.4	1338.4	1268.5	1209.4	1220.1
7.5°	3101.4	2945.5	2526.3	1994.2	1488.9	1166.4	951.4	854.6	811.6	784.8	790.1
10°	3246.6	3031.5	2365.0	1617.9	1096.5	854.6	752.5	714.9	698.8	693.4	693.4
12.5°	3445.4	3133.7	2203.8	1300.8	865.4	736.4	682.6	661.1	645.0	634.3	634.3
15°	3681.9	3262.7	2015.7	1069.6	757.9	677.3	634.3	612.8	591.3	585.9	585.9
17.5°	3982.9	3397.1	1849.0	919.1	704.1	634.3	591.3	564.4	548.3	542.9	542.9
20°	4316.2	3563.7	1682.4	833.1	666.5	591.3	548.3	526.8	510.6	499.9	505.3
22.5°	4740.8	3773.3	1574.9	790.1	634.3	553.6	510.6	489.1	473.0	462.3	467.6
25°	5208.5	4036.7	1515.8	790.1	612.8	526.8	478.4	456.9	440.8	430.0	430.0
27.5°	5778.2	4332.3	1521.1	822.4	607.4	505.3	451.5	430.0	413.9	397.8	397.8
30°	6407.1	4681.7	1580.3	881.5	618.1	483.8	430.0	397.8	387.0	370.9	370.9
32.5°	7073.6	5084.8	1730.8	956.8	607.4	456.9	397.8	370.9	354.8	344.0	344.0
35°	7777.7	5541.7	1918.9	989.0	553.6	419.3	370.9	344.0	333.3	327.9	322.5
37.5°	8449.6	5939.5	2021.0	924.5	483.8	387.0	338.6	311.8	306.4	295.6	295.6
40°	8971.0	6267.3	1961.9	790.1	446.1	354.8	311.8	284.9	274.1	263.4	263.4
42.5°	9277.4	6385.6	1746.9	671.9	419.3	322.5	284.9	258.0	247.3	241.9	241.9
45°	9454.8	6369.5	1494.3	602.0	392.4	295.6	258.0	241.9	225.8	220.4	215.0
47.5°	9449.4	6202.8	1311.5	542.9	365.5	274.1	241.9	225.8	209.6	204.3	204.3
50°	9411.8	5955.6	1107.3	499.9	344.0	258.0	225.8	215.0	198.9	193.5	188.1
52.5°	9503.1	5815.8	924.5	473.0	317.1	247.3	220.4	204.3	182.8	177.4	177.4
55°	9616.0	5735.2	741.8	446.1	295.6	241.9	209.6	193.5	172.0	166.6	166.6
57.5°	9288.1	5428.8	612.8	403.1	268.8	231.1	198.9	188.1	166.6	150.5	150.5
60°	8256.1	4488.2	505.3	354.8	247.3	215.0	188.1	172.0	150.5	129.0	129.0
62.5°	6713.5	3423.9	419.3	301.0	231.1	198.9	172.0	155.9	129.0	102.1	102.1
64°	5832.0	2907.9	376.3	263.4	220.4	182.8	155.9	139.8	112.9	86.0	80.6
65°	5230.0	2569.3	349.4	247.3	215.0	172.0	150.5	134.4	102.1	80.6	75.3
67.5°	3681.9	1725.4	279.5	204.3	188.1	145.1	129.0	112.9	91.4	69.9	64.5
70°	2144.7	978.3	220.4	172.0	145.1	112.9	107.5	102.1	80.6	53.8	53.8
72.5°	1166.4	489.1	166.6	139.8	112.9	80.6	91.4	80.6	64.5	43.0	37.6
75°	714.9	301.0	123.6	102.1	75.3	59.1	69.9	59.1	37.6	26.9	21.5
77.5°	478.4	193.5	91.4	69.9	48.4	37.6	48.4	32.3	16.1	5.4	5.4
80°	295.6	134.4	59.1	43.0	26.9	16.1	10.8	5.4	5.4	0.0	0.0
82.5°	129.0	86.0	32.3	21.5	10.8	5.4	5.4	0.0	0.0	0.0	0.0
85°	69.9	26.9	10.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.5	10.8	5.4	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u': 0.2599
 CIE v': 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 Rf: 82.2
 Rg: 99.9

CRI (Ra):	82.9		
R1:	81.6	R9:	10.8
R2:	88.8	R10:	74.8
R3:	96.0	R11:	84.3
R4:	83.4	R12:	72.1
R5:	81.4	R13:	82.9
R6:	87.0	R14:	97.3
R7:	84.0	R15:	73.7
R8:	60.8		



Test Conditions

Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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 2700K 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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)