

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P849431

Luminaire Tested: **GLAN-SB6C-722-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849431  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-108-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/26/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6C-722-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 35922 lumens  
Efficiency: N/A  
Efficacy: 119.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B5 - U0 - G4

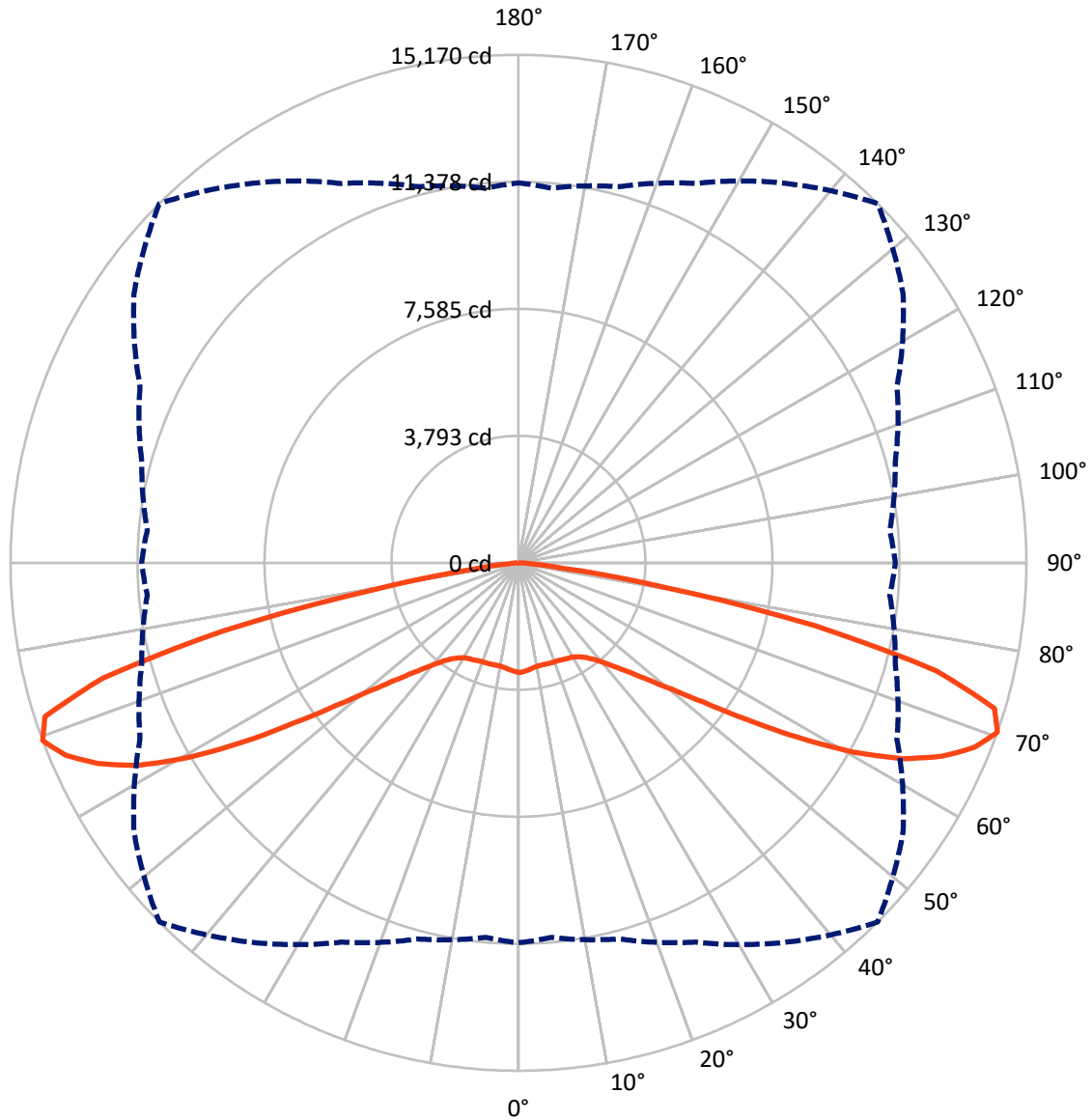
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT





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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	17961.0	0.0	17961.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	17961.0	0.0	17961.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	35922.0	0.0	35922.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	304.8	0.8
10°-20°	895.0	2.5
20°-30°	1489.5	4.1
30°-40°	2252.5	6.3
40°-50°	3743.1	10.4
50°-60°	7063.2	19.7
60°-70°	11926.4	33.2
70°-80°	7836.9	21.8
80°-90°	410.6	1.1
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°	35922.0	100.0
0°-180°	35922.0	100.0

**Coefficient of Utilization**

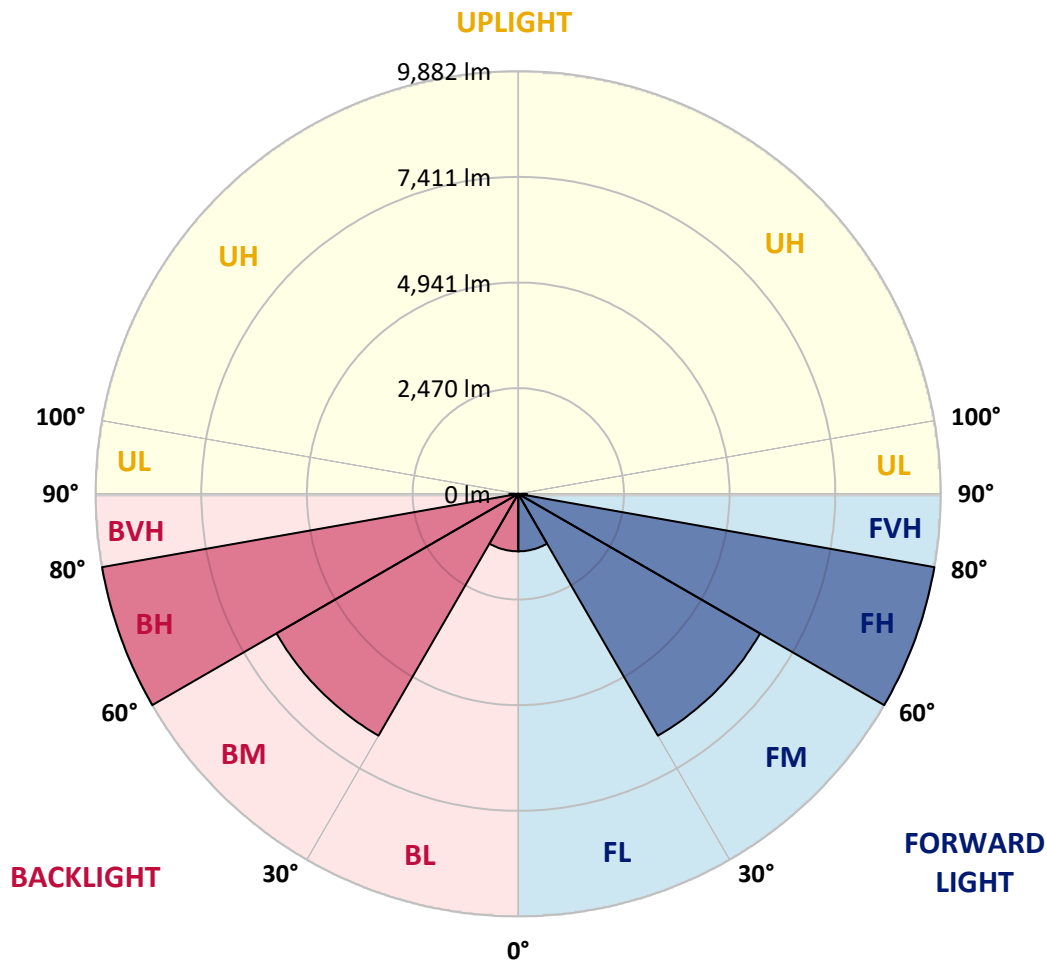


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1344.7	3.7			
FM (30°-60°)	6529.4	18.2			
FH (60°-80°)	9881.7	27.5			G4/12000
FVH (80°-90°)	205.3	0.6			G2/225
BL (0°-30°)	1344.7	3.7	B3/2500		
BM (30°-60°)	6529.4	18.2	B4/8500		
BH (60°-80°)	9881.7	27.5	B5		G4/12000
BVH (80°-90°)	205.3	0.6			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G4**  
 Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3276.8	3276.8	3276.8	3276.8	3276.8	3276.8	3276.8	3276.8	3276.8	3276.8
2.5°	3256.3	3265.6	3261.9	3254.4	3254.4	3248.8	3254.4	3258.1	3263.7	3267.5
5°	3213.3	3220.8	3218.9	3213.3	3215.2	3209.6	3213.3	3218.9	3222.7	3224.5
7.5°	3176.0	3183.5	3179.7	3170.4	3170.4	3164.8	3166.6	3172.3	3177.9	3179.7
10°	3166.6	3174.1	3162.9	3148.0	3142.4	3134.9	3136.8	3142.4	3153.6	3159.2
12.5°	3170.4	3176.0	3164.8	3142.4	3136.8	3129.3	3129.3	3134.9	3149.8	3157.3
15°	3181.6	3187.2	3170.4	3146.1	3140.5	3134.9	3133.0	3140.5	3157.3	3170.4
17.5°	3202.1	3207.7	3181.6	3148.0	3140.5	3142.4	3140.5	3146.1	3172.3	3196.5
20°	3220.8	3224.5	3189.1	3148.0	3140.5	3142.4	3140.5	3151.7	3185.3	3218.9
22.5°	3226.4	3230.1	3196.5	3161.0	3155.4	3157.3	3155.4	3166.6	3198.4	3232.0
25°	3228.3	3233.9	3207.7	3179.7	3189.1	3192.8	3189.1	3190.9	3215.2	3245.1
27.5°	3256.3	3263.7	3239.5	3215.2	3220.8	3218.9	3224.5	3230.1	3248.8	3278.7
30°	3314.2	3319.8	3299.2	3274.9	3271.2	3258.1	3274.9	3293.6	3314.2	3340.3
32.5°	3409.4	3420.6	3394.4	3368.3	3351.5	3344.0	3357.1	3388.8	3416.8	3444.9
35°	3568.1	3575.6	3551.3	3502.7	3472.9	3472.9	3484.1	3525.1	3569.9	3605.4
37.5°	3792.1	3801.5	3758.5	3700.6	3655.8	3655.8	3670.8	3713.7	3780.9	3831.3
40°	4064.7	4077.8	4023.7	3963.9	3921.0	3913.5	3932.2	3980.7	4044.2	4107.7
42.5°	4393.4	4408.3	4337.3	4285.1	4251.5	4251.5	4260.8	4305.6	4363.5	4441.9
45°	4813.5	4839.6	4742.5	4690.2	4658.5	4666.0	4671.6	4710.8	4763.0	4852.7
47.5°	5313.8	5340.0	5237.3	5183.1	5177.5	5213.0	5190.6	5218.6	5246.6	5349.3
50°	5881.5	5926.3	5855.3	5851.6	5862.8	5928.1	5875.9	5890.8	5859.0	5924.4
52.5°	6576.0	6641.4	6628.3	6650.7	6775.8	6910.2	6790.7	6738.5	6619.0	6639.5
55°	7418.1	7517.1	7535.7	7670.2	7954.0	8228.4	7974.5	7763.5	7509.6	7462.9
57.5°	8375.9	8454.4	8544.0	8818.4	9348.7	9836.0	9348.7	8881.9	8482.4	8387.1
60°	9406.6	9503.7	9589.6	9994.7	10782.7	11467.9	10767.7	10026.5	9498.1	9369.2
62.5°	10513.8	10638.9	10698.6	11148.6	12067.2	12885.1	12080.3	11182.2	10596.0	10457.8
65°	11576.2	11678.9	11746.1	12226.0	13103.5	13923.2	13163.3	12278.2	11675.2	11494.0
67.5°	12071.0	12127.0	12291.3	12834.6	13760.7	14696.2	13917.6	12892.5	12218.5	11901.1
70°	11346.5	11232.6	11628.5	12498.6	13839.2	15170.4	14018.4	12472.4	11647.1	11131.8
72.5°	8768.0	8572.0	9259.1	10747.2	12942.9	14867.9	13032.6	10831.2	9686.7	8641.1
75°	4770.5	4548.3	5496.8	7378.9	10321.5	12886.9	10558.6	7589.9	6120.4	4735.0
77.5°	1346.2	1262.2	2027.7	3569.9	6208.2	9048.1	6447.2	3648.4	2404.9	1426.5
80°	412.6	399.6	541.5	1075.5	2636.4	4333.6	2533.7	1088.5	689.0	435.0
82.5°	244.6	224.1	268.9	392.1	672.2	1361.1	653.5	408.9	328.6	220.3
85°	140.0	130.7	158.7	190.4	225.9	289.4	188.6	194.2	175.5	117.6
87.5°	57.9	52.3	61.6	59.7	52.3	67.2	50.4	59.7	71.0	46.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
3276.8
3265.6
3224.5
3179.7
3159.2
3159.2
3172.3
3196.5
3220.8
3232.0
3243.2
3271.2
3334.7
3433.6
3592.4
3812.7
4087.1
4436.3
4848.9
5319.4
5885.2
6570.4
7390.1
8319.9
9257.2
10345.8
11404.4
11904.8
<i>11255.0</i>
8900.6
5043.1
1585.2
459.3
239.0
123.2
42.9
0.0

OF REPORT)