

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: P849601

Luminaire Tested: **GLAN-SB6D-722-U-5WQ**

Issue Date: 6/26/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P849601  
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-SB6D-722-U-5WQ  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 48810 lumens  
Efficiency: N/A  
Efficacy: 110.9 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B5 - U0 - G5

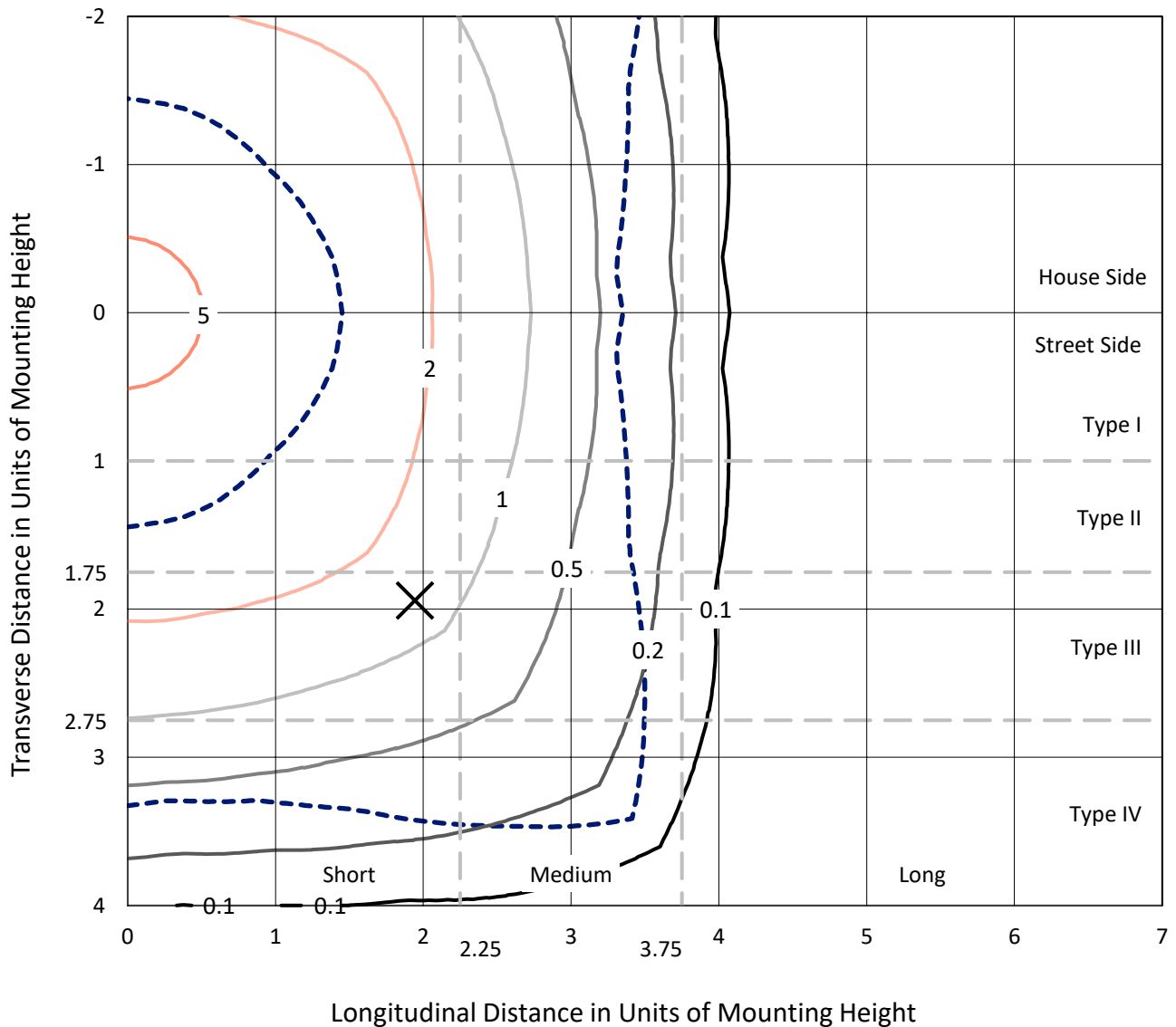
Input Watts (W): 440.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

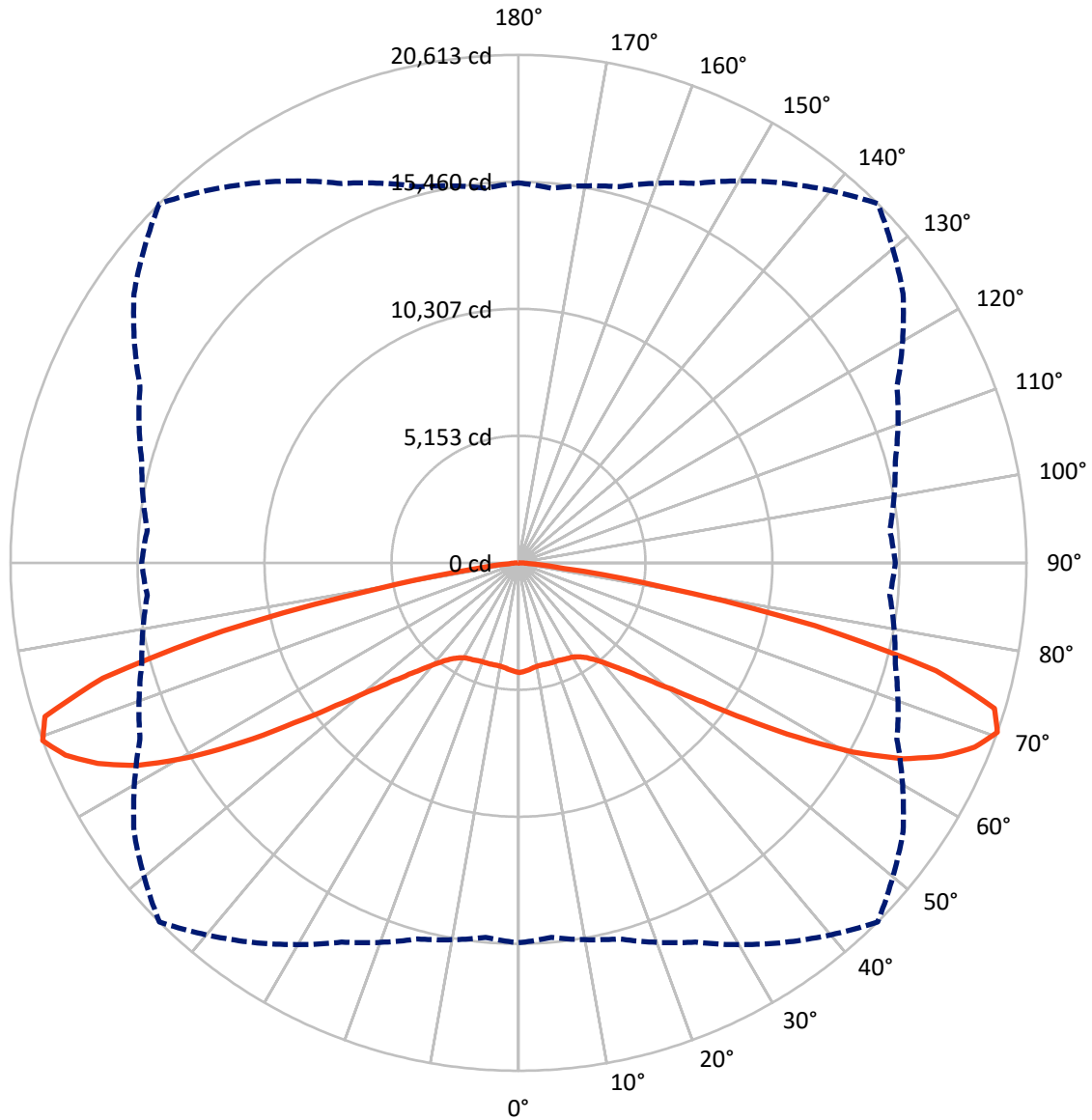
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.1 fc  
 Type V - Short - N/A

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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	24405.0	0.0	24405.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	24405.0	0.0	24405.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	48810.0	0.0	48810.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	414.2	0.8
10°-20°	1216.1	2.5
20°-30°	2023.8	4.1
30°-40°	3060.7	6.3
40°-50°	5086.1	10.4
50°-60°	9597.3	19.7
60°-70°	16205.4	33.2
70°-80°	10648.6	21.8
80°-90°	557.9	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°	48810.0	100.0
0°-180°	48810.0	100.0

**Coefficient of Utilization**



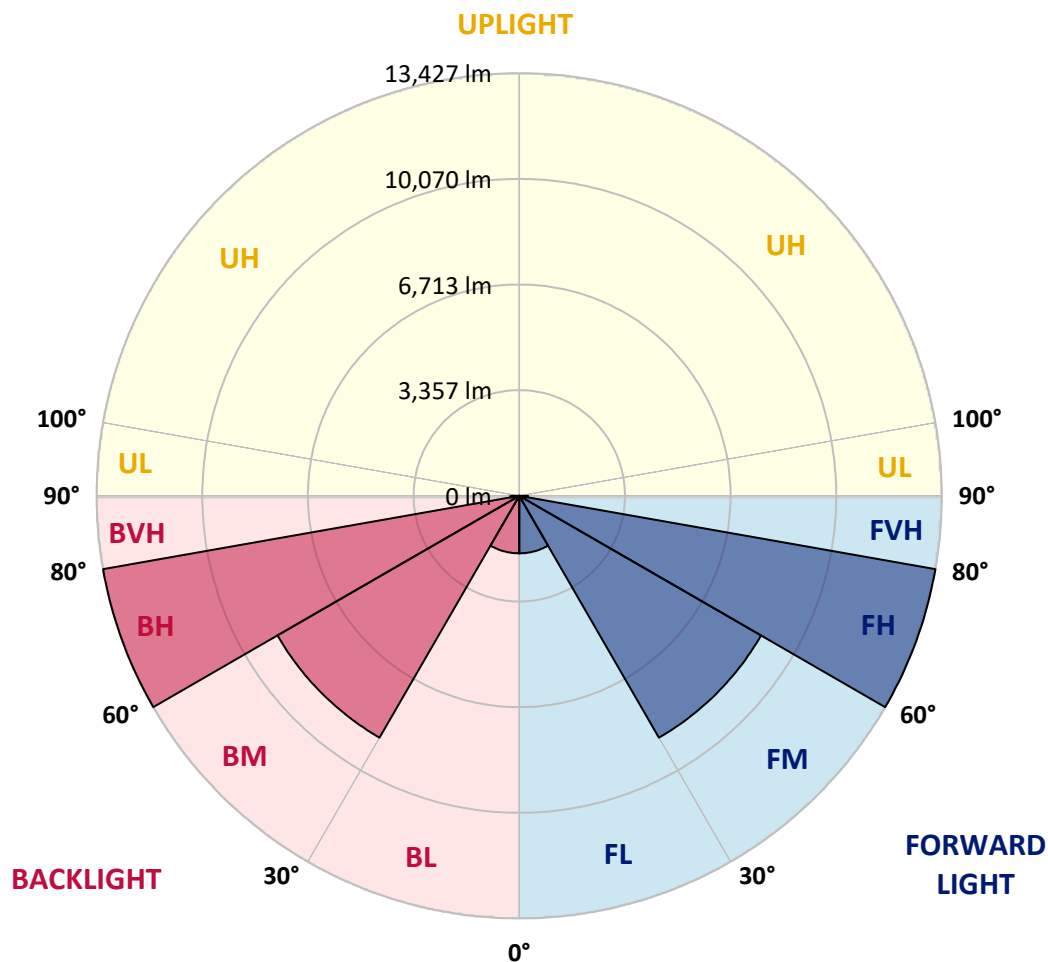
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1827.1	3.7			
FM (30°-60°)	8872.0	18.2			
FH (60°-80°)	13427.0	27.5			G5
FVH (80°-90°)	278.9	0.6			G3/500
BL (0°-30°)	1827.1	3.7	B3/2500		
BM (30°-60°)	8872.0	18.2	B5		
BH (60°-80°)	13427.0	27.5	B5		G5
BVH (80°-90°)	278.9	0.6			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B5-U0-G5**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4452.5	4452.5	4452.5	4452.5	4452.5	4452.5	4452.5	4452.5	4452.5	4452.5
2.5°	4424.5	4437.2	4432.2	4422.0	4422.0	4414.4	4422.0	4427.1	4434.7	4439.8
5°	4366.2	4376.3	4373.8	4366.2	4368.7	4361.1	4366.2	4373.8	4378.9	4381.4
7.5°	4315.5	4325.6	4320.5	4307.8	4307.8	4300.2	4302.8	4310.4	4318.0	4320.5
10°	4302.8	4312.9	4297.7	4277.4	4269.8	4259.6	4262.2	4269.8	4285.0	4292.6
12.5°	4307.8	4315.5	4300.2	4269.8	4262.2	4252.0	4252.0	4259.6	4279.9	4290.1
15°	4323.1	4330.7	4307.8	4274.9	4267.3	4259.6	4257.1	4267.3	4290.1	4307.8
17.5°	4351.0	4358.6	4323.1	4277.4	4267.3	4269.8	4267.3	4274.9	4310.4	4343.4
20°	4376.3	4381.4	4333.2	4277.4	4267.3	4269.8	4267.3	4282.5	4328.1	4373.8
22.5°	4384.0	4389.0	4343.4	4295.2	4287.5	4290.1	4287.5	4302.8	4345.9	4391.6
25°	4386.5	4394.1	4358.6	4320.5	4333.2	4338.3	4333.2	4335.8	4368.7	4409.3
27.5°	4424.5	4434.7	4401.7	4368.7	4376.3	4373.8	4381.4	4389.0	4414.4	4455.0
30°	4503.2	4510.8	4482.9	4449.9	4444.8	4427.1	4449.9	4475.3	4503.2	4538.7
32.5°	4632.6	4647.8	4612.3	4576.8	4553.9	4543.8	4561.5	4604.7	4642.7	4680.8
35°	4848.2	4858.4	4825.4	4759.4	4718.8	4718.8	4734.1	4789.9	4850.8	4899.0
37.5°	5152.7	5165.4	5107.0	5028.4	4967.5	4967.5	4987.8	5046.1	5137.4	5205.9
40°	5523.1	5540.8	5467.3	5386.1	5327.7	5317.6	5342.9	5408.9	5495.2	5581.4
42.5°	5969.6	5989.9	5893.5	5822.4	5776.8	5776.8	5789.5	5850.3	5929.0	6035.5
45°	6540.4	6575.9	6444.0	6373.0	6329.8	6340.0	6347.6	6400.9	6471.9	6593.7
47.5°	7220.3	7255.9	7116.3	7042.7	7035.1	7083.3	7052.9	7090.9	7129.0	7268.5
50°	7991.6	8052.5	7956.1	7951.0	7966.2	8055.0	7984.0	8004.3	7961.1	8049.9
52.5°	8935.4	9024.1	9006.4	9036.8	9206.8	9389.5	9227.1	9156.1	8993.7	9021.6
55°	10079.5	10214.0	10239.4	10422.0	10807.7	11180.6	10835.6	10548.9	10203.9	10140.4
57.5°	11381.0	11487.6	11609.4	11982.3	12702.8	13365.0	12702.8	12068.6	11525.6	11396.3
60°	12781.5	12913.4	13030.1	13580.6	14651.2	15582.3	14630.9	13623.8	12905.8	12730.7
62.5°	14285.9	14455.9	14537.1	15148.5	16396.7	17507.9	16414.5	15194.2	14397.5	14209.8
65°	15729.5	15869.0	15960.3	16612.3	17804.7	18918.5	17885.9	16683.4	15863.9	15617.8
67.5°	16401.8	16477.9	16701.1	17439.4	18697.8	19968.8	18910.9	17518.1	16602.2	16170.9
70°	15417.4	15262.7	15800.5	16982.8	18804.3	20613.2	19047.9	16947.2	15825.9	15125.7
72.5°	11913.8	11647.4	12581.0	14603.0	17586.6	20202.2	17708.3	14717.2	13162.0	11741.3
75°	6482.1	6180.2	7469.0	10026.3	14024.6	17510.5	14346.8	10313.0	8316.3	6433.9
77.5°	1829.2	1715.0	2755.2	4850.8	8435.6	12294.4	8760.3	4957.3	3267.7	1938.3
80°	560.7	542.9	735.7	1461.3	3582.3	5888.4	3442.7	1479.1	936.2	591.1
82.5°	332.3	304.4	365.3	532.8	913.3	1849.5	888.0	555.6	446.5	299.4
85°	190.3	177.6	215.6	258.8	307.0	393.2	256.2	263.8	238.5	159.8
87.5°	78.6	71.0	83.7	81.2	71.0	91.3	68.5	81.2	96.4	63.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
4452.5
4437.2
4381.4
4320.5
4292.6
4292.6
4310.4
4343.4
4376.3
4391.6
4406.8
4444.8
4531.1
4665.6
4881.2
5180.6
5553.5
6027.9
6588.6
7227.9
7996.7
8927.7
10041.5
11304.9
12578.5
14057.6
15496.1
16176.0
15293.1
12093.9
6852.5
2153.9
624.1
324.7
167.4
58.4
0.0

OF REPORT)