

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: P948758

Luminaire Tested: **GLAN-SB3D-722-U-5NQ**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P948758
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SB3D-722-U-5NQ
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(3) 70 CRI, 2200K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE V NARROW OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26430 lumens
Efficiency: N/A
Efficacy: 121.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 218.1
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

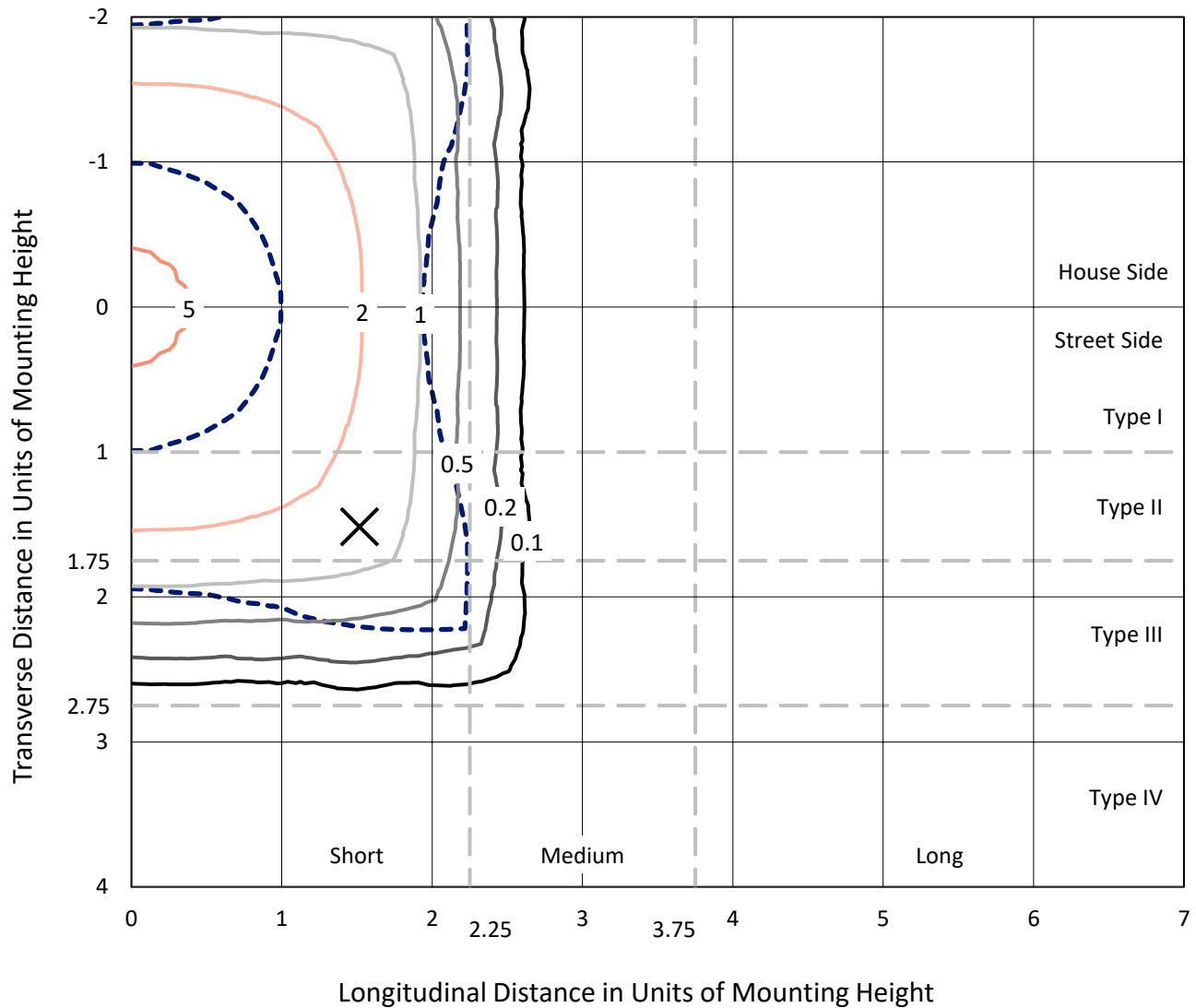


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
--- 1/2 Max cd

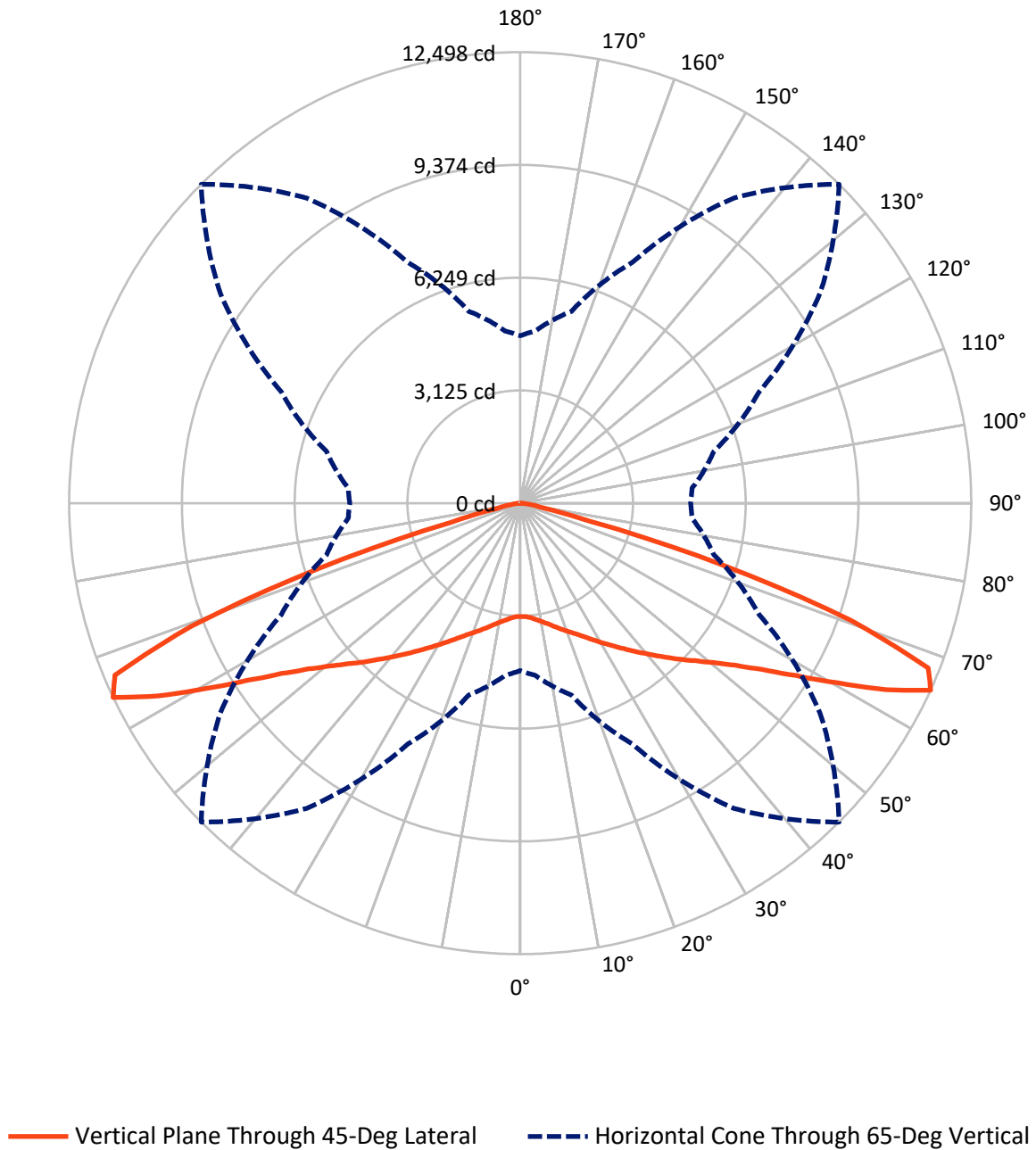


Based on 25 foot mounting height. Maximum calculated value = 5.1 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13215.0	0.0	13215.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	13215.0	0.0	13215.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	26430.0	0.0	26430.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	310.4	1.2
10°-20°	1012.9	3.8
20°-30°	1912.5	7.2
30°-40°	3131.7	11.8
40°-50°	4855.8	18.4
50°-60°	7173.0	27.1
60°-70°	6828.0	25.8
70°-80°	1101.8	4.2
80°-90°	103.9	0.4
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°	26430.0	100.0
0°-180°	26430.0	100.0

Coefficient of Utilization



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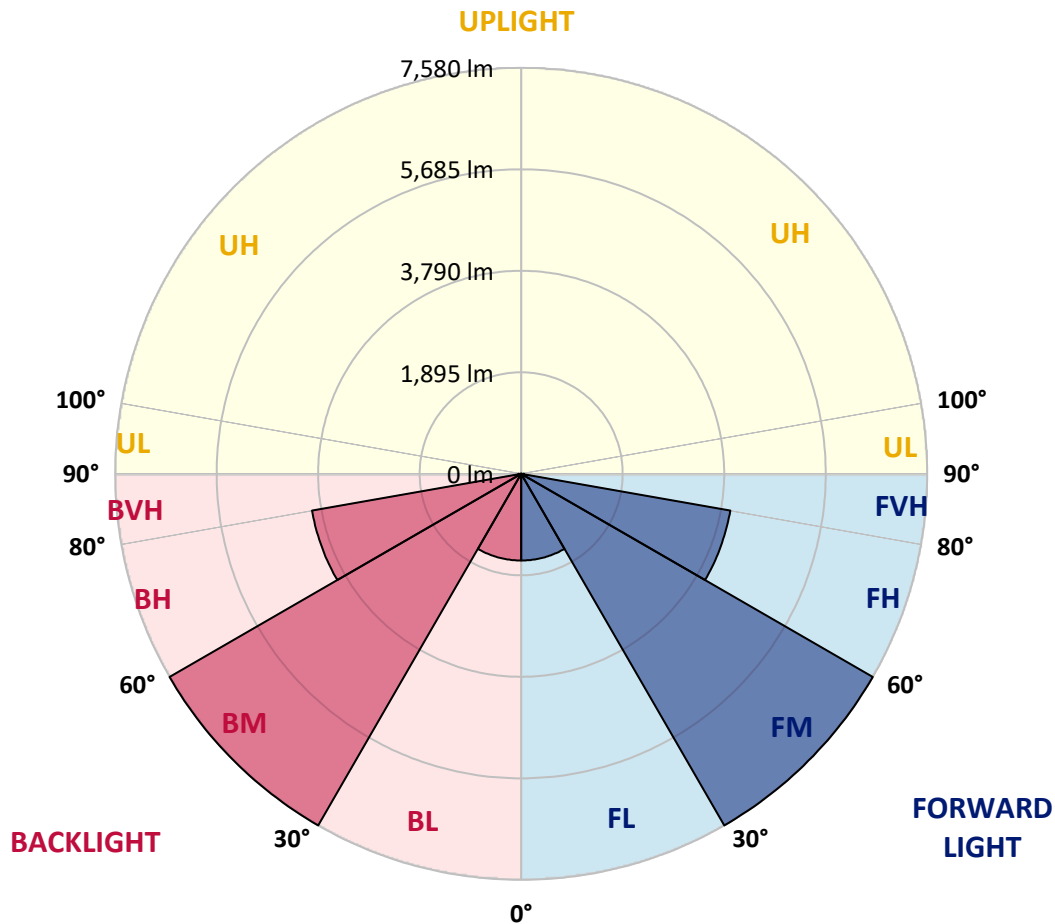
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1618.0	6.1			
FM	(30°-60°)	7580.2	28.7			
FH	(60°-80°)	3964.9	15.0			G2/5000
FVH	(80°-90°)	51.9	0.2			G1/100
BL	(0°-30°)	1618.0	6.1	B3/2500		
BM	(30°-60°)	7580.2	28.7	B4/8500		
BH	(60°-80°)	3964.9	15.0	B4/5000		G2/5000
BVH	(80°-90°)	51.9	0.2			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	3145.4	3145.4	3145.4	3145.4	3145.4	3145.4	3145.4	3145.4	3145.4	3145.4
2.5°	3166.7	3156.0	3164.0	3157.4	3152.1	3146.8	3149.4	3158.7	3162.7	3164.0
5°	3209.1	3199.8	3203.8	3203.8	3194.5	3191.8	3193.2	3199.8	3207.8	3207.8
7.5°	3278.0	3268.8	3278.0	3272.7	3264.8	3262.1	3260.8	3266.1	3278.0	3278.0
10°	3361.6	3351.0	3356.3	3353.6	3344.3	3340.4	3339.0	3347.0	3357.6	3356.3
12.5°	3453.1	3441.1	3447.8	3439.8	3437.2	3433.2	3433.2	3431.9	3438.5	3433.2
15°	3555.2	3547.2	3549.9	3544.6	3548.6	3545.9	3535.3	3530.0	3532.6	3524.7
17.5°	3675.9	3657.3	3666.6	3663.9	3663.9	3669.2	3652.0	3645.4	3650.7	3642.7
20°	3815.1	3796.5	3800.5	3795.2	3788.6	3793.9	3772.7	3778.0	3781.9	3776.6
22.5°	3967.6	3943.7	3942.4	3945.1	3930.5	3931.8	3917.2	3930.5	3938.4	3923.8
25°	4124.1	4098.9	4116.1	4109.5	4090.9	4094.9	4084.3	4097.6	4104.2	4085.6
27.5°	4289.8	4272.6	4288.5	4292.5	4269.9	4285.9	4269.9	4281.9	4288.5	4260.7
30°	4483.4	4466.2	4480.8	4491.4	4464.9	4490.1	4476.8	4484.8	4486.1	4452.9
32.5°	4694.3	4667.8	4704.9	4710.2	4681.0	4711.5	4694.3	4704.9	4711.5	4666.4
35°	4951.5	4918.4	4960.8	4954.2	4929.0	4954.2	4938.3	4954.2	4970.1	4915.7
37.5°	5228.7	5194.2	5239.3	5227.4	5203.5	5220.7	5211.4	5222.1	5247.3	5188.9
40°	5533.7	5491.2	5552.2	5531.0	5508.5	5505.8	5511.1	5517.8	5550.9	5485.9
42.5°	5859.9	5814.8	5906.3	5873.2	5841.3	5820.1	5837.4	5850.6	5882.4	5809.5
45°	6232.5	6180.8	6300.2	6260.4	6210.0	6166.2	6194.1	6214.0	6260.4	6172.8
47.5°	6643.6	6585.3	6712.6	6700.6	6618.4	6522.9	6586.6	6643.6	6678.1	6572.0
50°	7045.4	7000.3	7167.4	7182.0	7081.2	6947.3	7036.1	7122.3	7131.6	6992.4
52.5°	7422.0	7376.9	7619.6	7711.1	7620.9	7461.8	7555.9	7643.5	7573.2	7392.8
55°	7723.0	7685.9	7994.9	8230.9	8261.4	8130.1	8185.8	8183.2	7952.4	7675.3
57.5°	7796.0	7790.7	8180.5	8680.4	8998.7	9014.6	8904.5	8623.4	8126.1	7753.5
60°	7464.4	7497.6	8033.3	8915.2	9763.8	10116.6	9640.5	8838.2	7928.6	7411.4
62.5°	6472.5	6560.1	7205.9	8628.7	10381.8	11384.3	10230.6	8512.0	7117.0	6442.0
65°	4638.6	4791.1	5504.5	7363.7	10326.1	12498.2	10145.7	7304.0	5557.6	4779.2
67.5°	2104.5	2259.6	2865.6	5041.7	8976.2	12195.9	8954.9	5094.8	3008.8	2267.6
70°	762.5	789.0	983.9	2018.3	5736.6	9717.4	5981.9	2032.9	1046.3	840.7
72.5°	461.5	465.5	506.6	722.7	1993.1	5899.7	2077.9	746.6	517.2	458.8
75°	293.1	290.4	360.7	441.6	706.8	1990.4	741.3	441.6	359.4	327.5
77.5°	210.8	217.5	258.6	330.2	445.6	675.0	437.6	315.6	258.6	212.2
80°	157.8	161.8	188.3	257.3	313.0	420.4	278.5	233.4	194.9	132.6
82.5°	114.0	114.0	123.3	187.0	191.0	226.8	151.2	164.4	128.6	94.2
85°	67.6	66.3	76.9	111.4	99.5	83.5	69.0	100.8	80.9	58.3
87.5°	23.9	25.2	23.9	31.8	26.5	22.5	21.2	27.8	22.5	19.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END C

90°
3145.4
3164.0
3207.8
3274.1
3353.6
3435.8
3526.0
3649.3
3788.6
3938.4
4106.8
4281.9
4472.8
4696.9
4948.9
5224.7
5507.2
5848.0
6217.9
6607.8
7009.6
7398.1
7684.6
7729.7
7350.4
6402.3
4722.1
2234.4
830.1
466.8
330.2
216.1
136.6
94.2
57.0
18.6
0.0

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