

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: P853296

Luminaire Tested: **CRTK-N-20-730-U-T5R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853296
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-15)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-20-730-U-T5R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

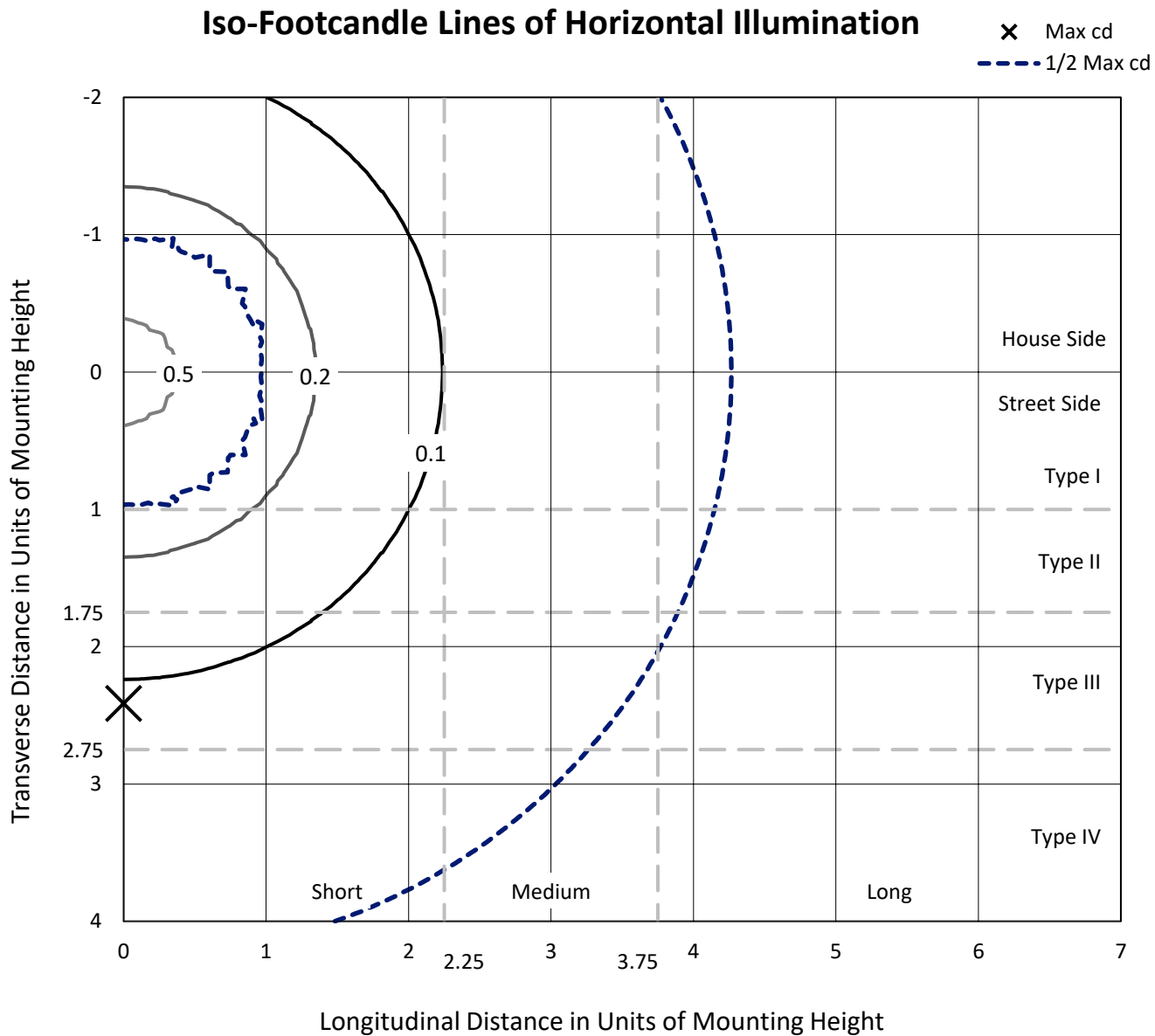
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3362 lumens
Efficiency: N/A
Efficacy: 144.9 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.25')
IES Classification: Type V - Short
BUG Rating: B2 - U3 - G1

Input Watts (W): 23.2
Input Voltage (V): 120.0
Input Current (Ain): 0.196
Voltage Rise (V): NR
Power Factor: 0.9875
Total Harmonic Distortion (THDi): 10%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

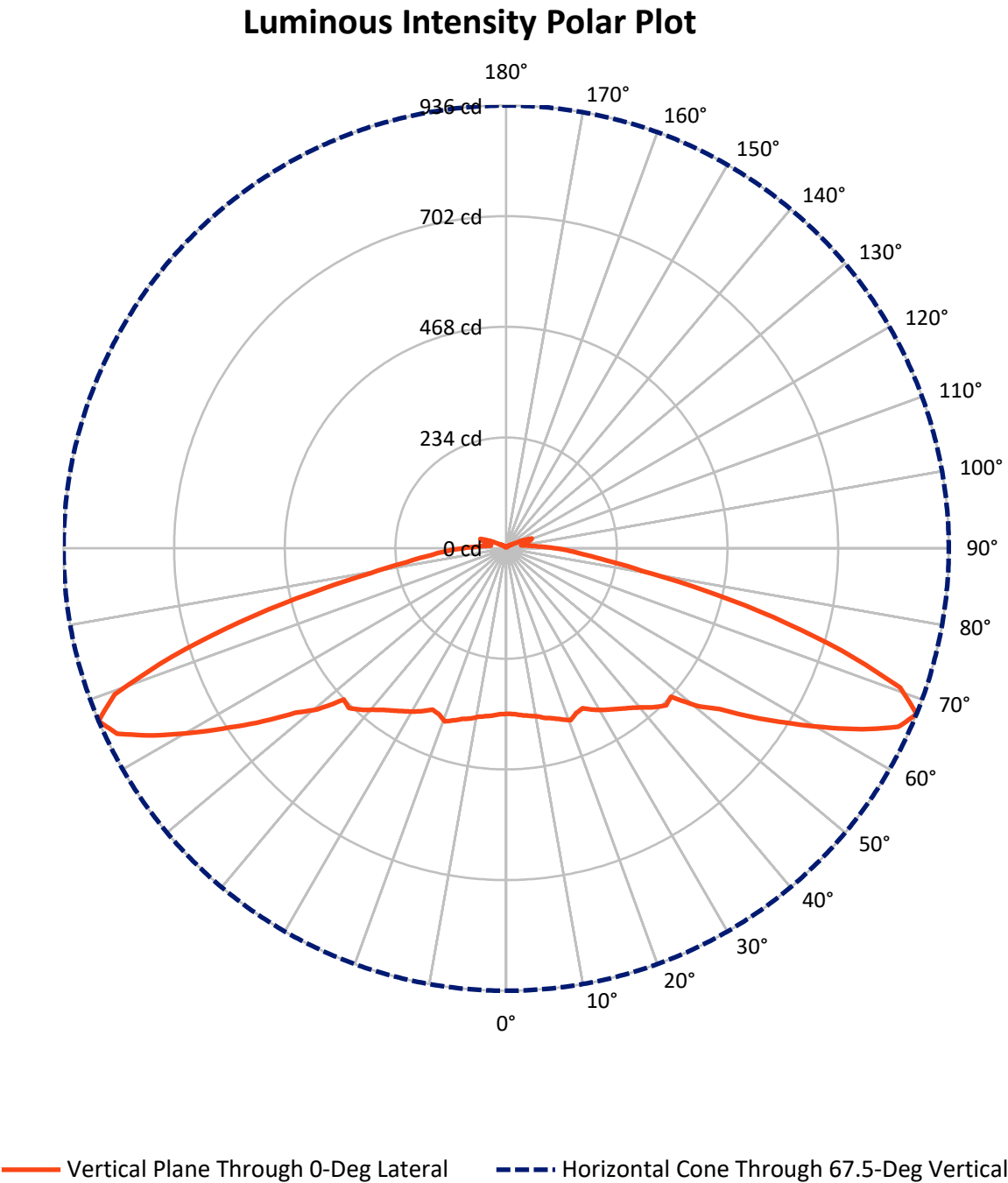


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Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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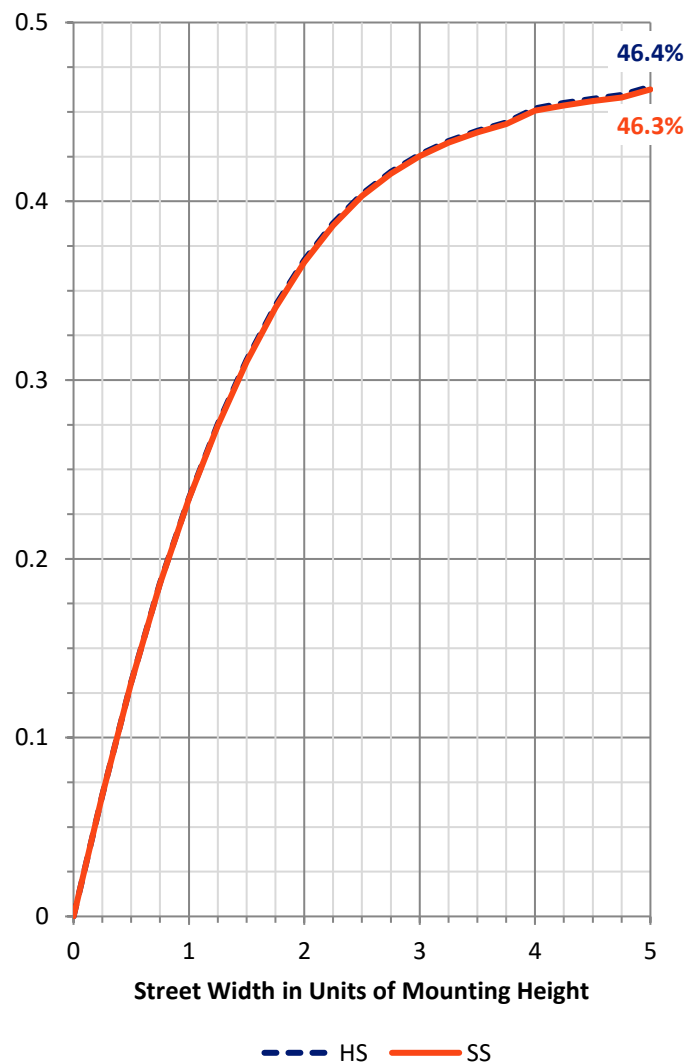
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1599.4	81.6	1681.0
	% Fixture	47.6	2.4	50.0
Street Side	Lumens	1599.4	81.6	1681.0
	% Fixture	47.6	2.4	50.0
Total	Lumens	3198.7	163.3	3362.0
	% Fixture	95.1	4.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.1	1.0
10°-20°	106.5	3.2
20°-30°	177.7	5.3
30°-40°	263.2	7.8
40°-50°	366.1	10.9
50°-60°	571.6	17.0
60°-70°	873.9	26.0
70°-80°	616.0	18.3
80°-90°	189.7	5.6
90°-100°	61.1	1.8
100°-110°	45.6	1.4
110°-120°	36.1	1.1
120°-130°	11.3	0.3
130°-140°	5.2	0.2
140°-150°	2.4	0.1
150°-160°	1.2	0.0
160°-170°	0.4	0.0
170°-180°	0.0	0.0
0°-90°	3198.7	95.1
0°-180°	3362.0	100.0

Coefficient of Utilization



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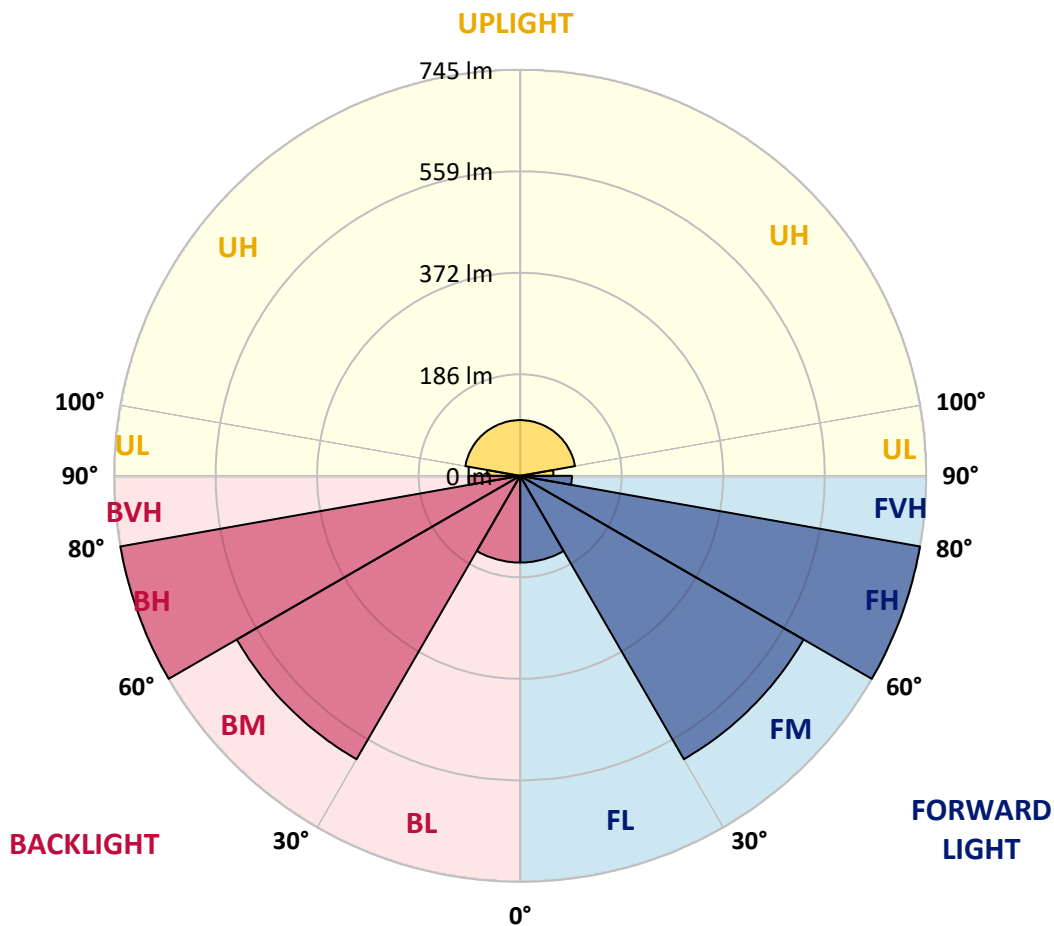
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	159.1	4.7			
FM	(30°-60°)	600.5	17.9			
FH	(60°-80°)	744.9	22.2			G1/1800
FVH	(80°-90°)	94.8	2.8			G1/100
BL	(0°-30°)	159.1	4.7	B1/500		
BM	(30°-60°)	600.5	17.9	B1/1000		
BH	(60°-80°)	744.9	22.2	B2/1000		G1/1800
BVH	(80°-90°)	94.8	2.8			G1/100
UL	(90°-100°)	61.1	1.8		U3/500	
UH	(100°-180°)	102.1	3.0		U3/500	

BUG Rating: B2-U3-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	350.5
2.5°	351.4
5°	355.2
7.5°	358.1
10°	361.9
12.5°	368.6
15°	373.3
17.5°	381.0
20°	388.6
22.5°	379.1
25°	375.3
27.5°	386.7
30°	397.2
32.5°	406.7
35°	417.2
37.5°	428.6
40°	442.9
42.5°	460.0
45°	474.3
47.5°	469.5
50°	524.8
52.5°	565.7
55°	630.5
57.5°	696.2
60°	768.6
62.5°	843.8
65°	911.5
67.5°	936.2
70°	883.8
72.5°	742.9
75°	583.8
77.5°	423.8
80°	291.4
82.5°	212.4
85°	161.9
87.5°	128.6
90°	95.2
92.5°	67.6
95°	52.4
97.5°	40.0
100°	32.4
102.5°	33.3
105°	41.0
107.5°	53.3
110°	58.1

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	46.7
115°	36.2
117.5°	23.8
120°	17.1
122.5°	14.3
125°	12.4
127.5°	10.5
130°	8.6
132.5°	7.6
135°	6.7
137.5°	5.7
140°	4.8
142.5°	3.8
145°	3.8
147.5°	3.8
150°	2.9
152.5°	2.9
155°	2.9
157.5°	1.9
160°	1.9
162.5°	1.9
165°	1.9
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)