

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: P853341

Luminaire Tested: **CRTK-N-30-727-U-T5R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853341
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-30-727-U-T5R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

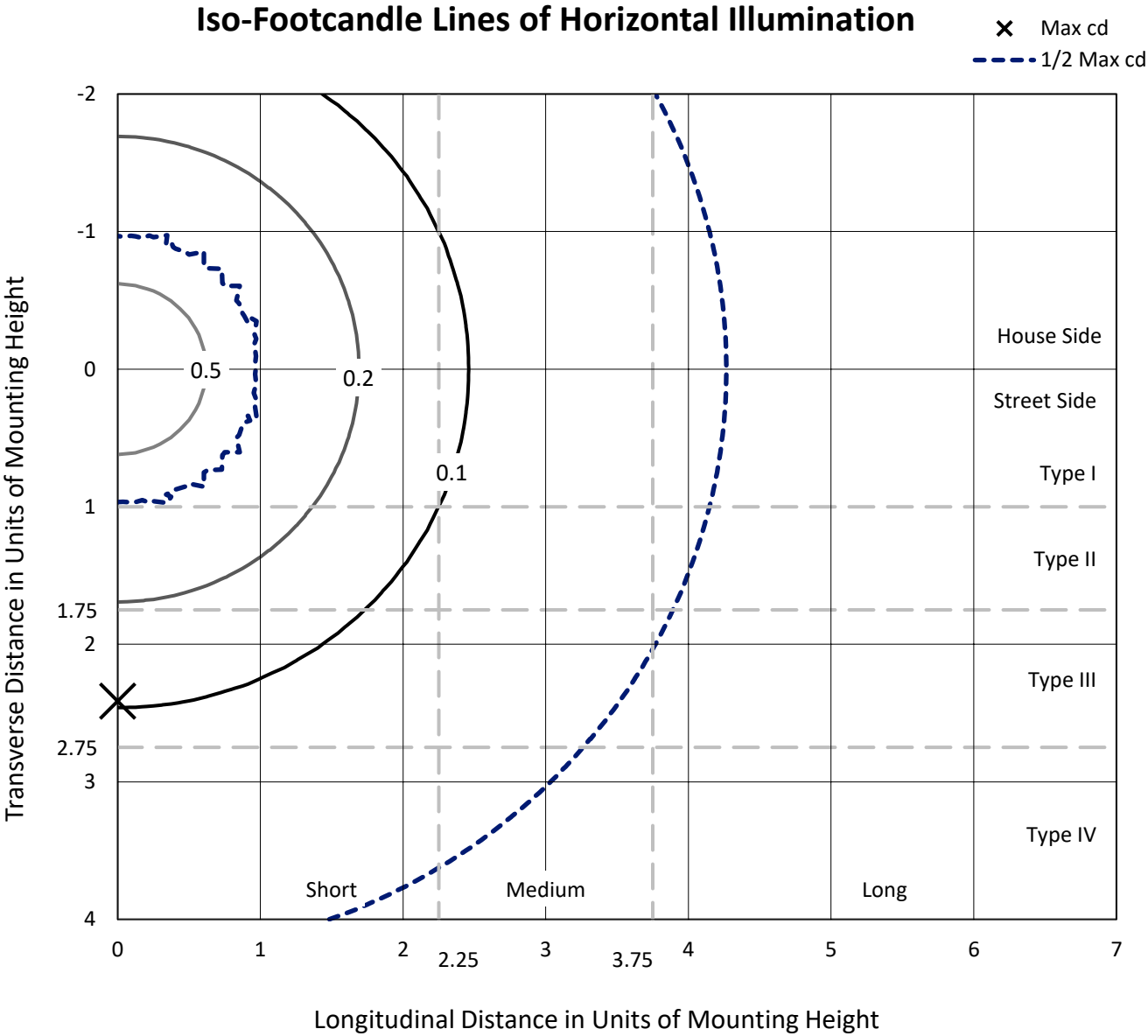
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4243.9 lumens
Efficiency: N/A
Efficacy: 131.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.25')
IES Classification: Type V - Short
BUG Rating: B2 - U3 - G2

Input Watts (W): 32.3
Input Voltage (V): 120.0
Input Current (Ain): 0.271
Voltage Rise (V): NR
Power Factor: 0.993
Total Harmonic Distortion (THDi): 10.1%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

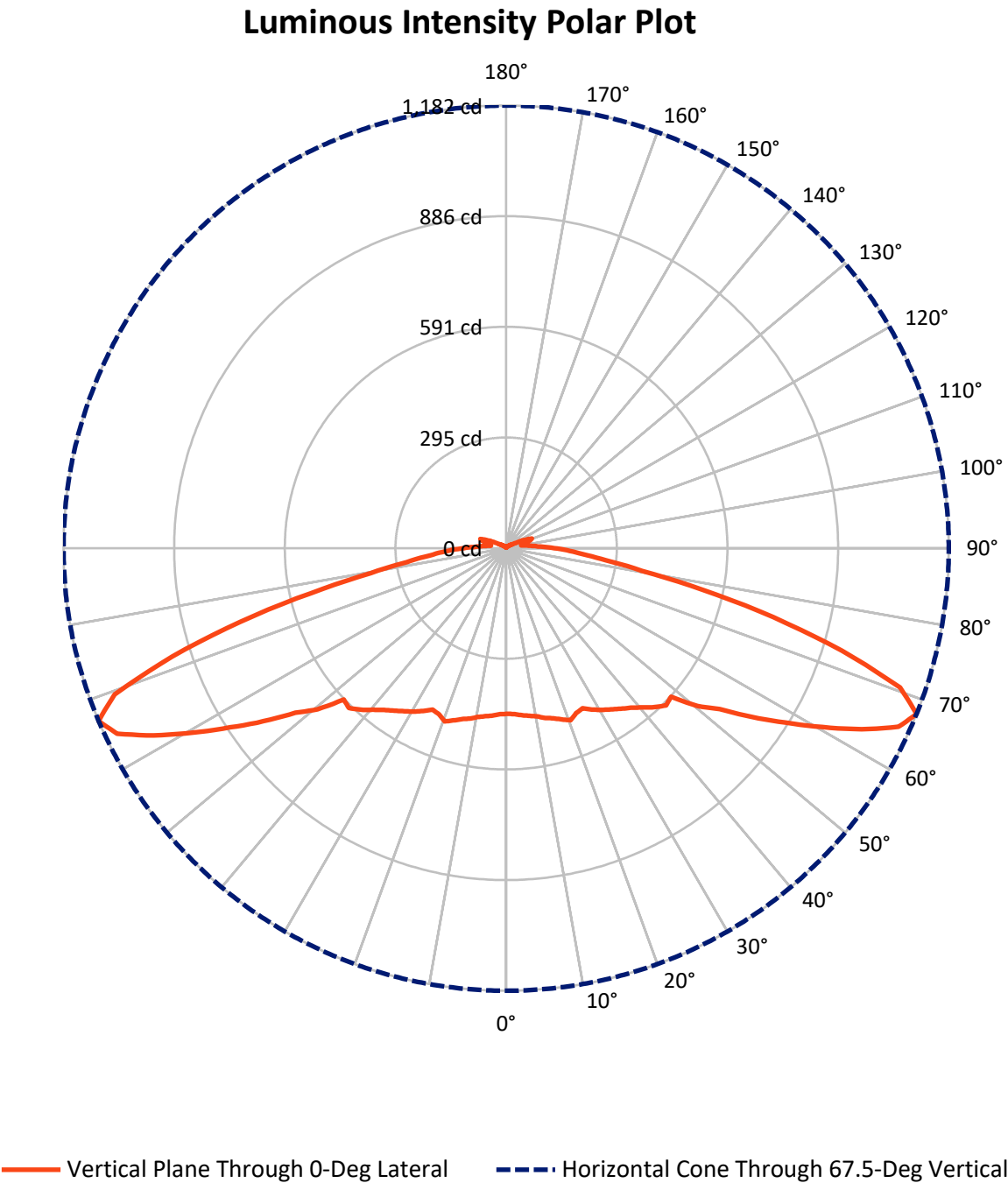


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Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
Type V - Short - N/A

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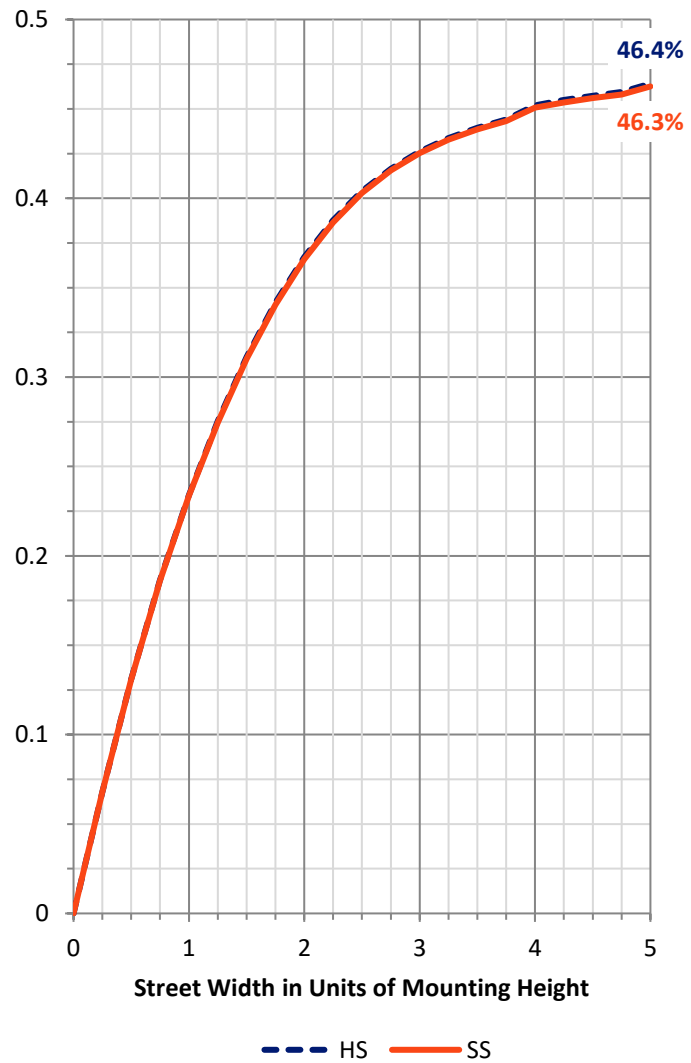
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2019.0	103.0	2122.0
	% Fixture	47.6	2.4	50.0
Street Side	Lumens	2019.0	103.0	2122.0
	% Fixture	47.6	2.4	50.0
Total	Lumens	4037.9	206.0	4243.9
	% Fixture	95.1	4.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.0	1.0
10°-20°	134.5	3.2
20°-30°	224.2	5.3
30°-40°	332.3	7.8
40°-50°	462.1	10.9
50°-60°	721.6	17.0
60°-70°	1103.1	26.0
70°-80°	777.7	18.3
80°-90°	239.4	5.6
90°-100°	77.2	1.8
100°-110°	57.6	1.4
110°-120°	45.5	1.1
120°-130°	14.2	0.3
130°-140°	6.6	0.2
140°-150°	3.0	0.1
150°-160°	1.5	0.0
160°-170°	0.5	0.0
170°-180°	0.0	0.0
0°-90°	4037.9	95.1
0°-180°	4243.9	100.0

Coefficient of Utilization



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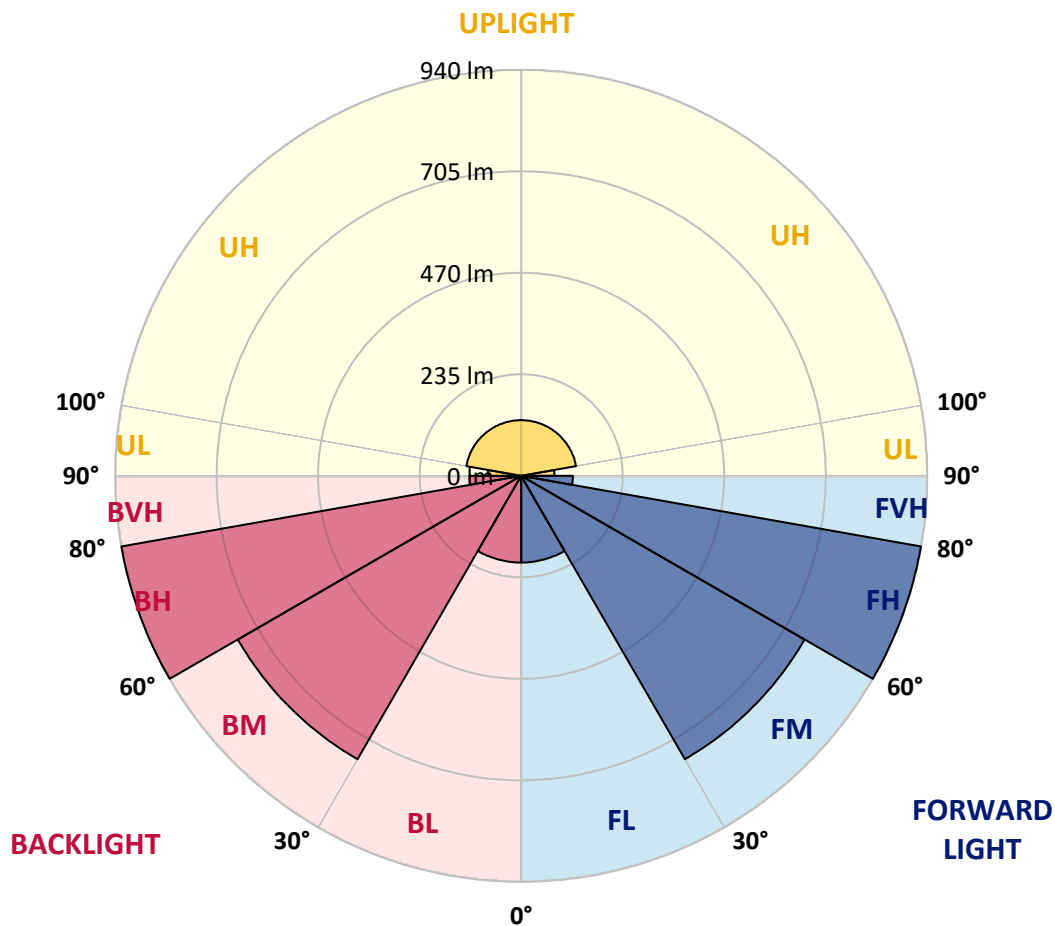
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	200.9	4.7			
FM	(30°-60°)	758.0	17.9			
FH	(60°-80°)	940.4	22.2			G1/1800
FVH	(80°-90°)	119.7	2.8			G2/225
BL	(0°-30°)	200.9	4.7	B1/500		
BM	(30°-60°)	758.0	17.9	B1/1000		
BH	(60°-80°)	940.4	22.2	B2/1000		G1/1800
BVH	(80°-90°)	119.7	2.8			G2/225
UL	(90°-100°)	77.2	1.8		U3/500	
UH	(100°-180°)	128.9	3.0		U3/500	

BUG Rating: B2-U3-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	442.4
2.5°	443.6
5°	448.4
7.5°	452.1
10°	456.9
12.5°	465.3
15°	471.3
17.5°	480.9
20°	490.5
22.5°	478.5
25°	473.7
27.5°	488.1
30°	501.3
32.5°	513.4
35°	526.6
37.5°	541.0
40°	559.1
42.5°	580.7
45°	598.7
47.5°	592.7
50°	662.5
52.5°	714.1
55°	795.9
57.5°	878.9
60°	970.2
62.5°	1065.2
65°	1150.6
67.5°	1181.8
70°	1115.7
72.5°	937.8
75°	737.0
77.5°	535.0
80°	367.9
82.5°	268.1
85°	204.4
87.5°	162.3
90°	120.2
92.5°	85.4
95°	66.1
97.5°	50.5
100°	40.9
102.5°	42.1
105°	51.7
107.5°	67.3
110°	73.3

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	58.9
115°	45.7
117.5°	30.1
120°	21.6
122.5°	18.0
125°	15.6
127.5°	13.2
130°	10.8
132.5°	9.6
135°	8.4
137.5°	7.2
140°	6.0
142.5°	4.8
145°	4.8
147.5°	4.8
150°	3.6
152.5°	3.6
155°	3.6
157.5°	2.4
160°	2.4
162.5°	2.4
165°	2.4
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)