

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: P853395

Luminaire Tested: **CRTK-N-40-727-U-T5R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853395
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-40-727-U-T5R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

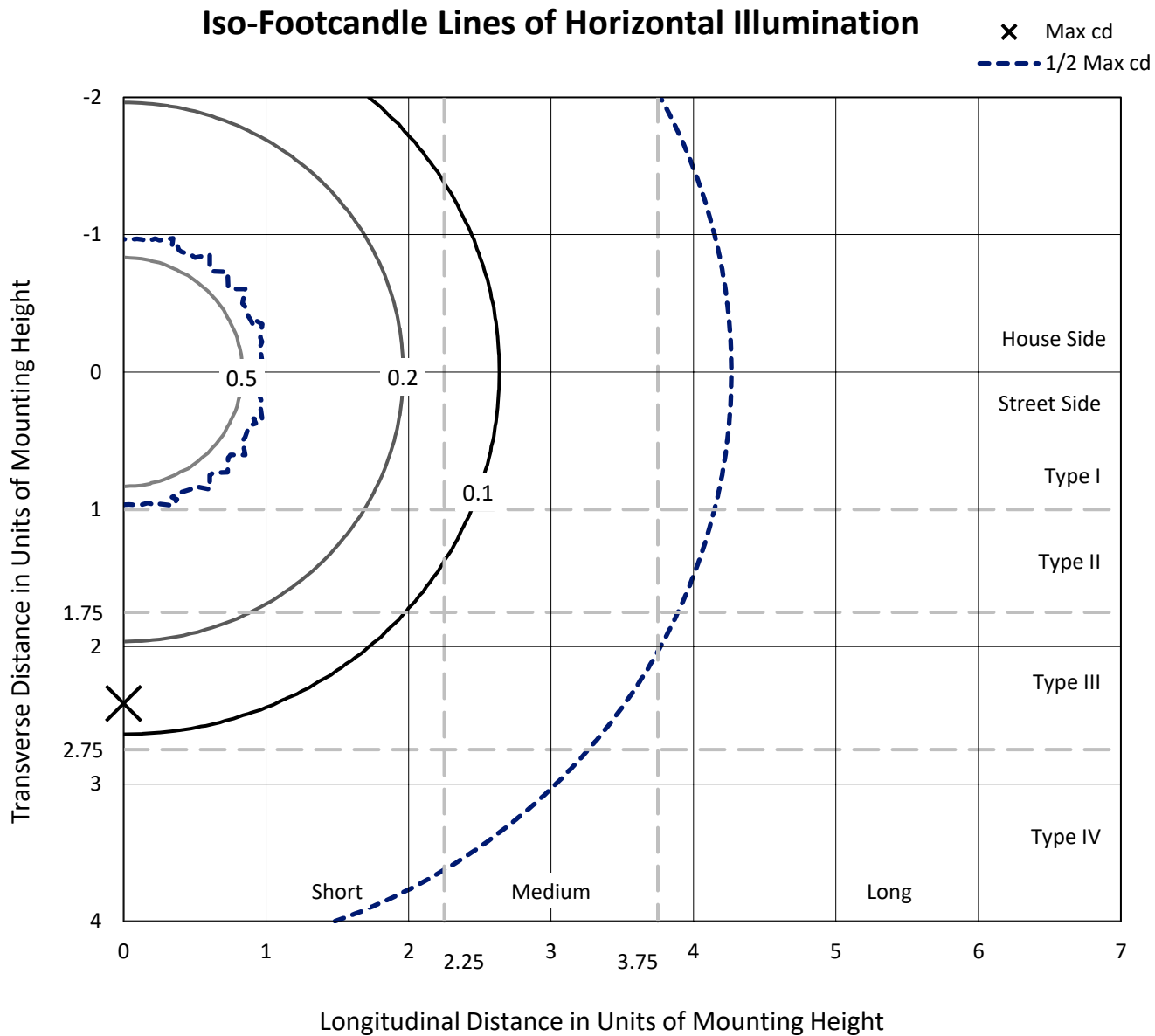
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5239 lumens
Efficiency: N/A
Efficacy: 124.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.25')
IES Classification: Type V - Short
BUG Rating: B3 - U3 - G2

Input Watts (W): 42.1
Input Voltage (V): 120.0
Input Current (Ain): 0.352
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 7.54%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

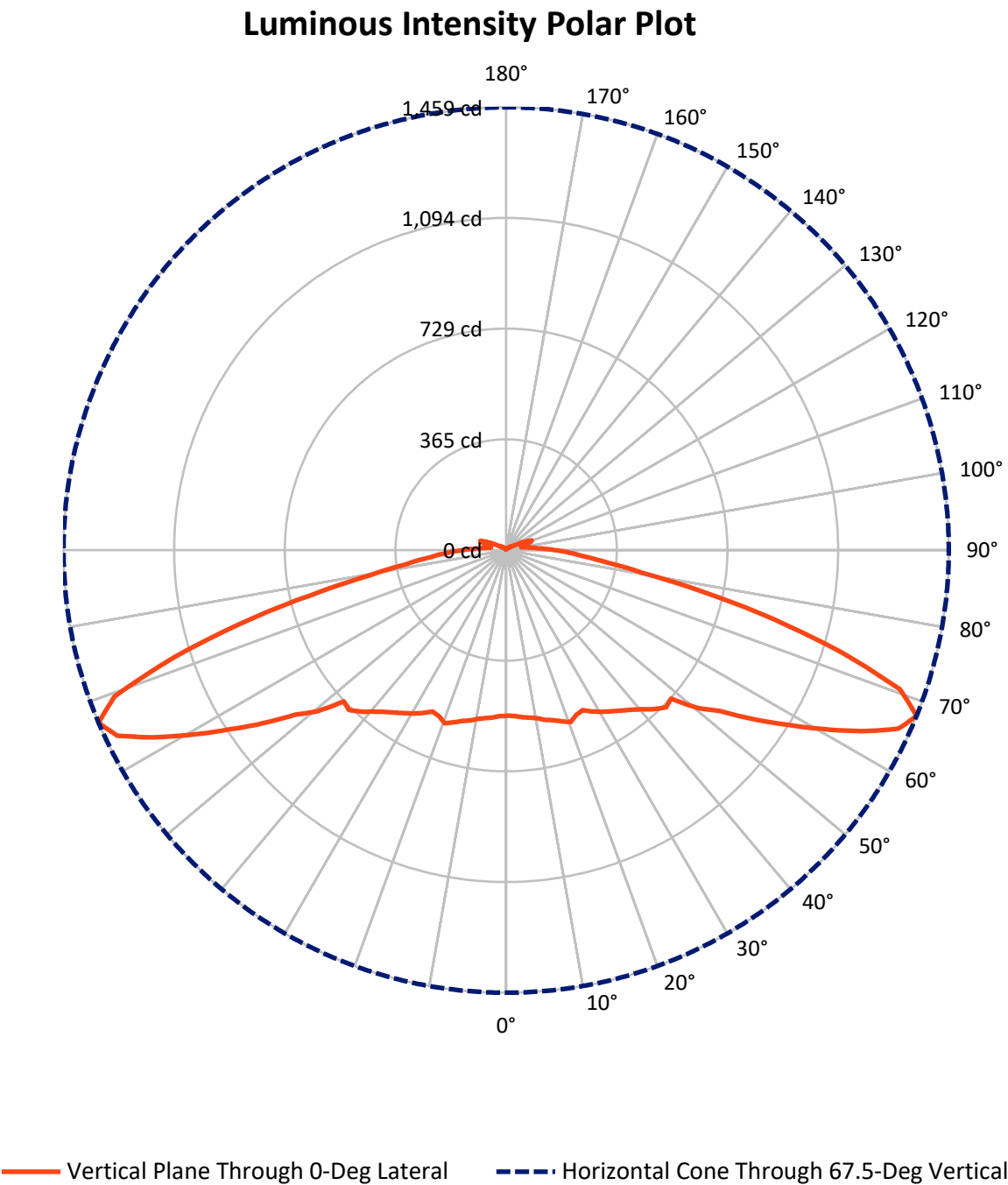


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Based on 25 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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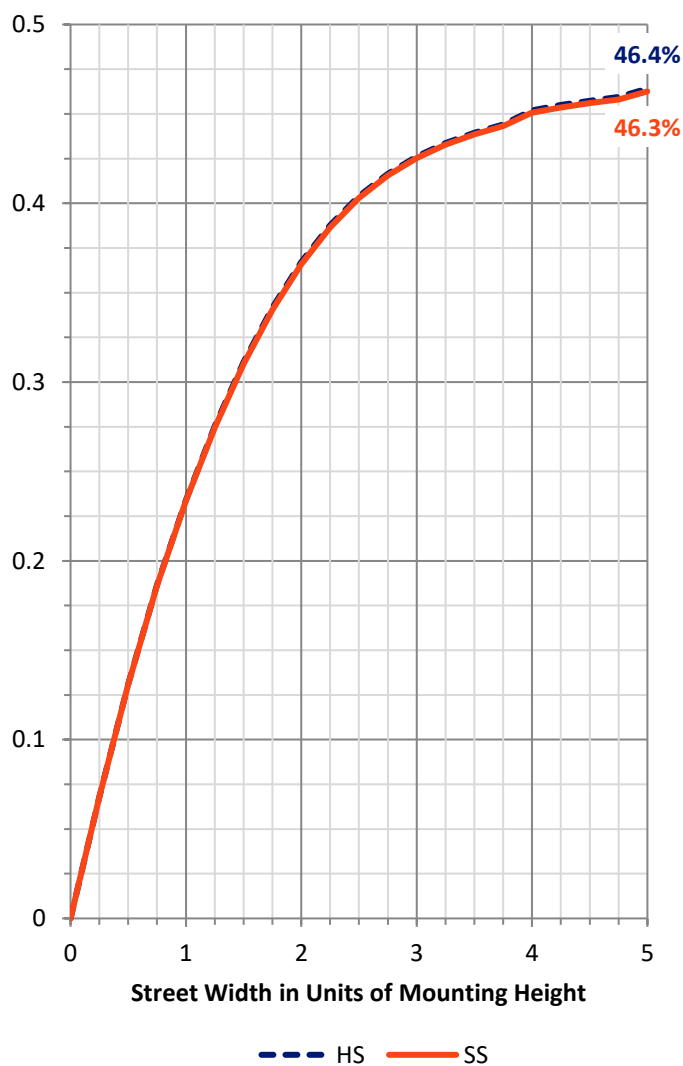
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2492.3	127.2	2619.5
	% Fixture	47.6	2.4	50.0
Street Side	Lumens	2492.3	127.2	2619.5
	% Fixture	47.6	2.4	50.0
Total	Lumens	4984.6	254.4	5239.0
	% Fixture	95.1	4.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.1	1.0
10°-20°	166.0	3.2
20°-30°	276.8	5.3
30°-40°	410.2	7.8
40°-50°	570.5	10.9
50°-60°	890.8	17.0
60°-70°	1361.7	26.0
70°-80°	959.9	18.3
80°-90°	295.5	5.6
90°-100°	95.2	1.8
100°-110°	71.0	1.4
110°-120°	56.2	1.1
120°-130°	17.6	0.3
130°-140°	8.1	0.2
140°-150°	3.7	0.1
150°-160°	1.9	0.0
160°-170°	0.6	0.0
170°-180°	0.0	0.0
0°-90°	4984.6	95.1
0°-180°	5239.0	100.0

Coefficient of Utilization



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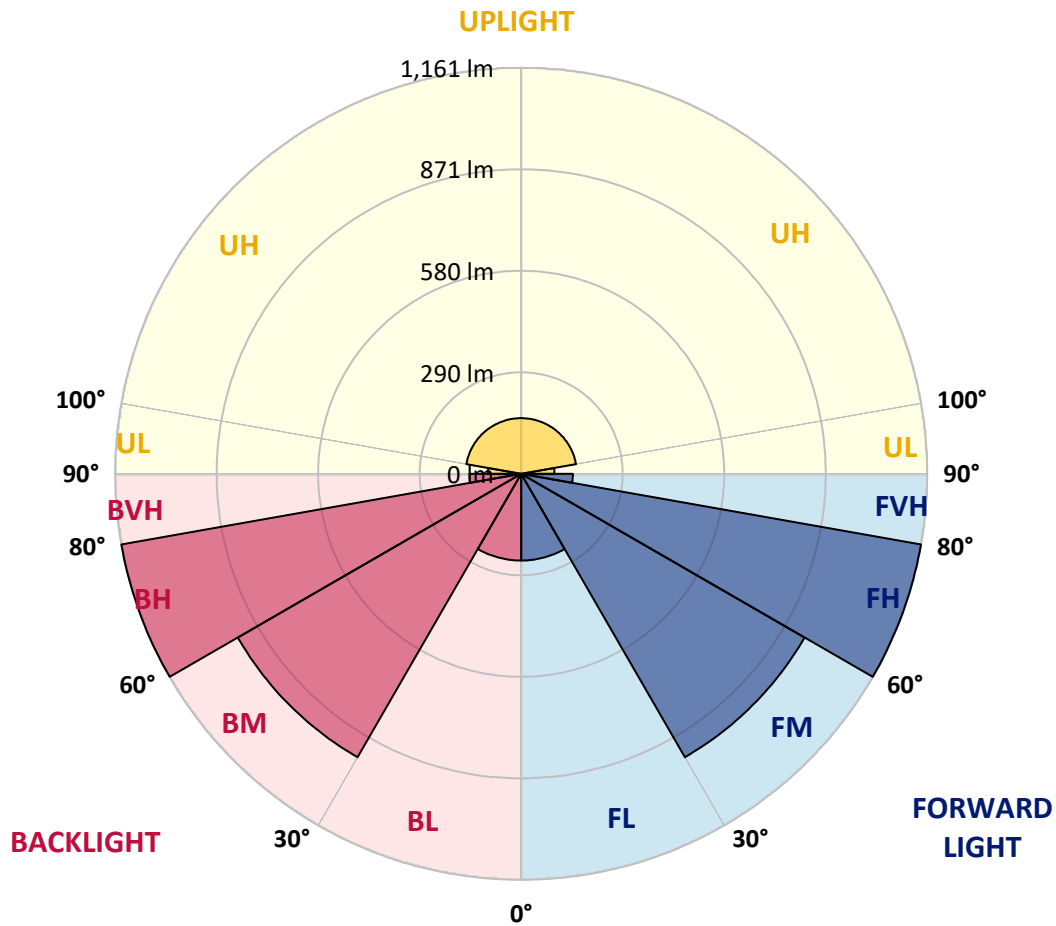
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	248.0	4.7			
FM	(30°-60°)	935.7	17.9			
FH	(60°-80°)	1160.8	22.2			G1/1800
FVH	(80°-90°)	147.8	2.8			G2/225
BL	(0°-30°)	248.0	4.7	B1/500		
BM	(30°-60°)	935.7	17.9	B1/1000		
BH	(60°-80°)	1160.8	22.2	B3/2500		G1/1800
BVH	(80°-90°)	147.8	2.8			G2/225
UL	(90°-100°)	95.2	1.8		U3/500	
UH	(100°-180°)	159.1	3.0		U3/500	

BUG Rating: B3-U3-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	546.2
2.5°	547.6
5°	553.6
7.5°	558.0
10°	564.0
12.5°	574.4
15°	581.8
17.5°	593.7
20°	605.5
22.5°	590.7
25°	584.8
27.5°	602.6
30°	618.9
32.5°	633.7
35°	650.1
37.5°	667.9
40°	690.1
42.5°	716.8
45°	739.1
47.5°	731.7
50°	817.8
52.5°	881.6
55°	982.5
57.5°	1084.9
60°	1197.7
62.5°	1315.0
65°	1420.3
67.5°	1458.9
70°	1377.3
72.5°	1157.6
75°	909.8
77.5°	660.4
80°	454.1
82.5°	331.0
85°	252.3
87.5°	200.4
90°	148.4
92.5°	105.4
95°	81.6
97.5°	62.3
100°	50.5
102.5°	51.9
105°	63.8
107.5°	83.1
110°	90.5

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	72.7
115°	56.4
117.5°	37.1
120°	26.7
122.5°	22.3
125°	19.3
127.5°	16.3
130°	13.4
132.5°	11.9
135°	10.4
137.5°	8.9
140°	7.4
142.5°	5.9
145°	5.9
147.5°	5.9
150°	4.5
152.5°	4.5
155°	4.5
157.5°	3.0
160°	3.0
162.5°	3.0
165°	3.0
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)