

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: P853350

Luminaire Tested: **CRTK-N-30-730-U-T5R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853350
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-30-730-U-T5R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

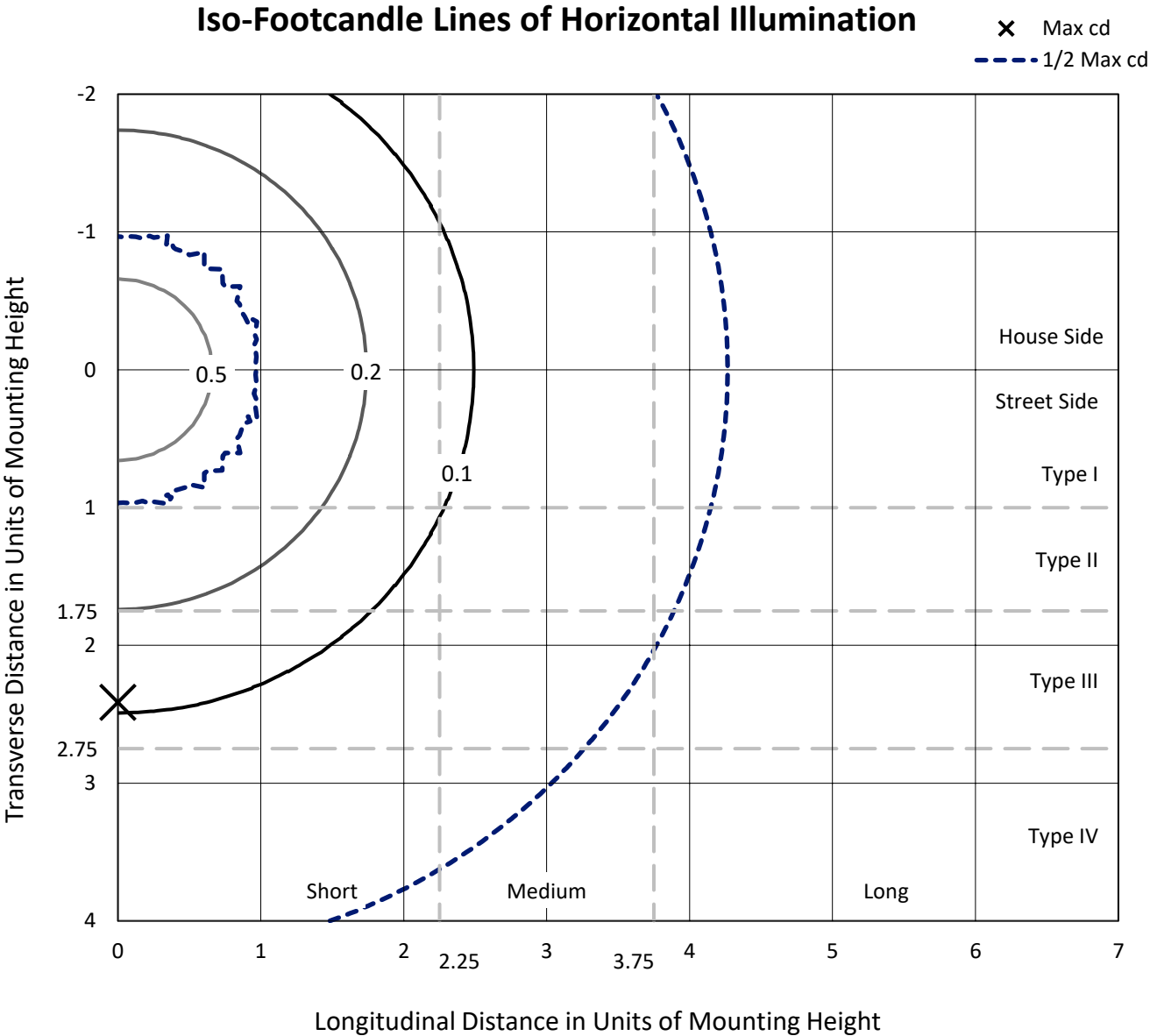
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4398 lumens
Efficiency: N/A
Efficacy: 136.2 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 (A_{in}): 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

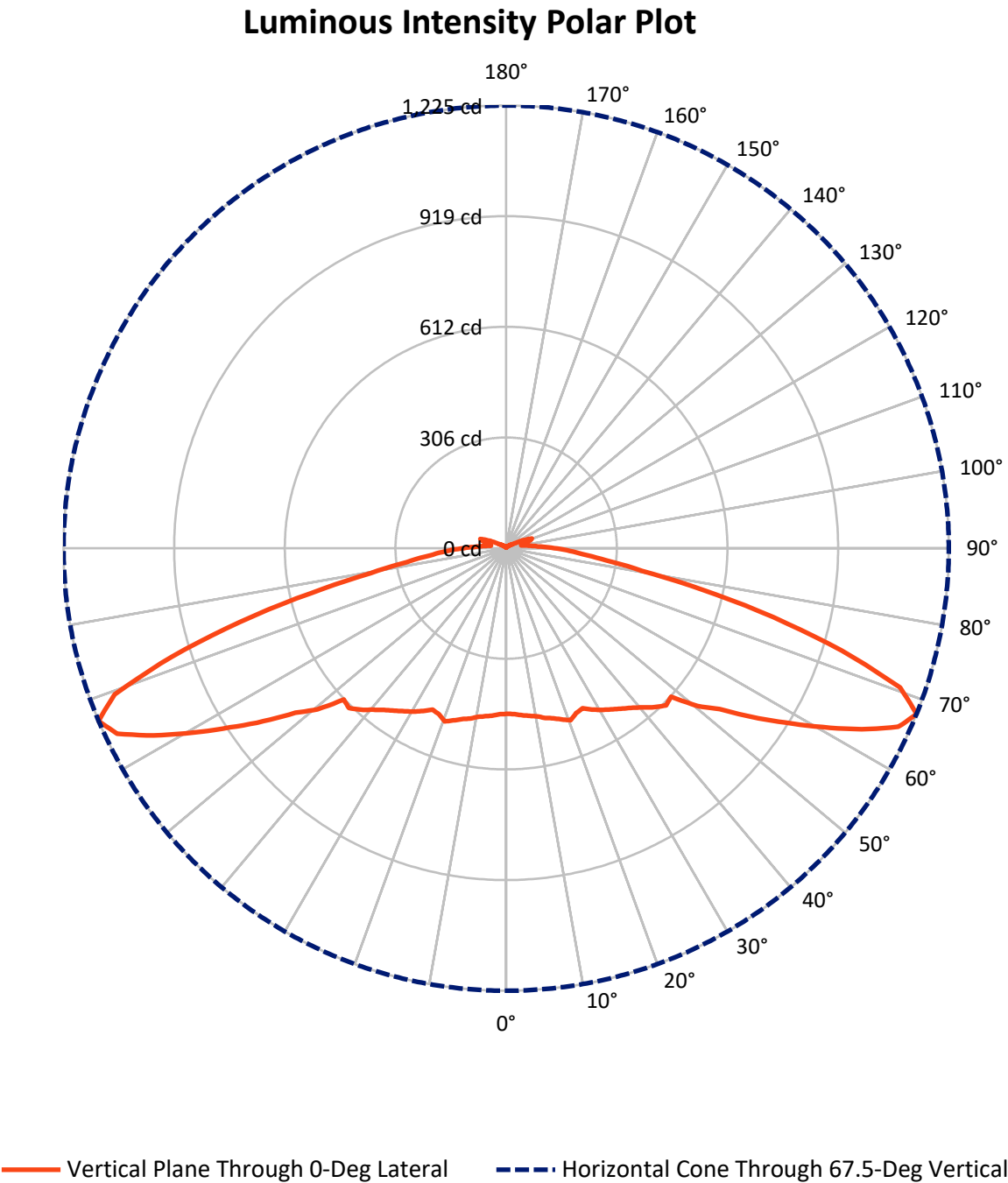


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Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
Type V - Short - N/A

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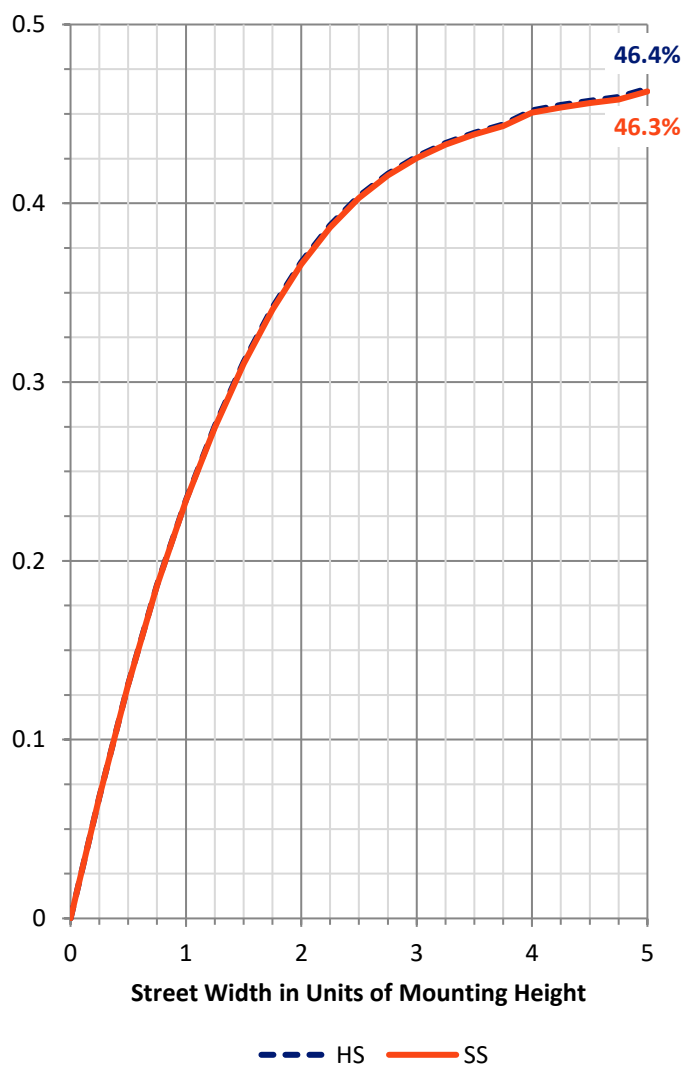
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2092.2	106.8	2199.0
	% Fixture	47.6	2.4	50.0
Street Side	Lumens	2092.2	106.8	2199.0
	% Fixture	47.6	2.4	50.0
Total	Lumens	4184.4	213.5	4398.0
	% Fixture	95.1	4.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.6	1.0
10°-20°	139.4	3.2
20°-30°	232.4	5.3
30°-40°	344.3	7.8
40°-50°	478.9	10.9
50°-60°	747.8	17.0
60°-70°	1143.1	26.0
70°-80°	805.8	18.3
80°-90°	248.1	5.6
90°-100°	80.0	1.8
100°-110°	59.7	1.4
110°-120°	47.2	1.1
120°-130°	14.8	0.3
130°-140°	6.8	0.2
140°-150°	3.2	0.1
150°-160°	1.5	0.0
160°-170°	0.5	0.0
170°-180°	0.0	0.0
0°-90°	4184.4	95.1
0°-180°	4398.0	100.0

Coefficient of Utilization



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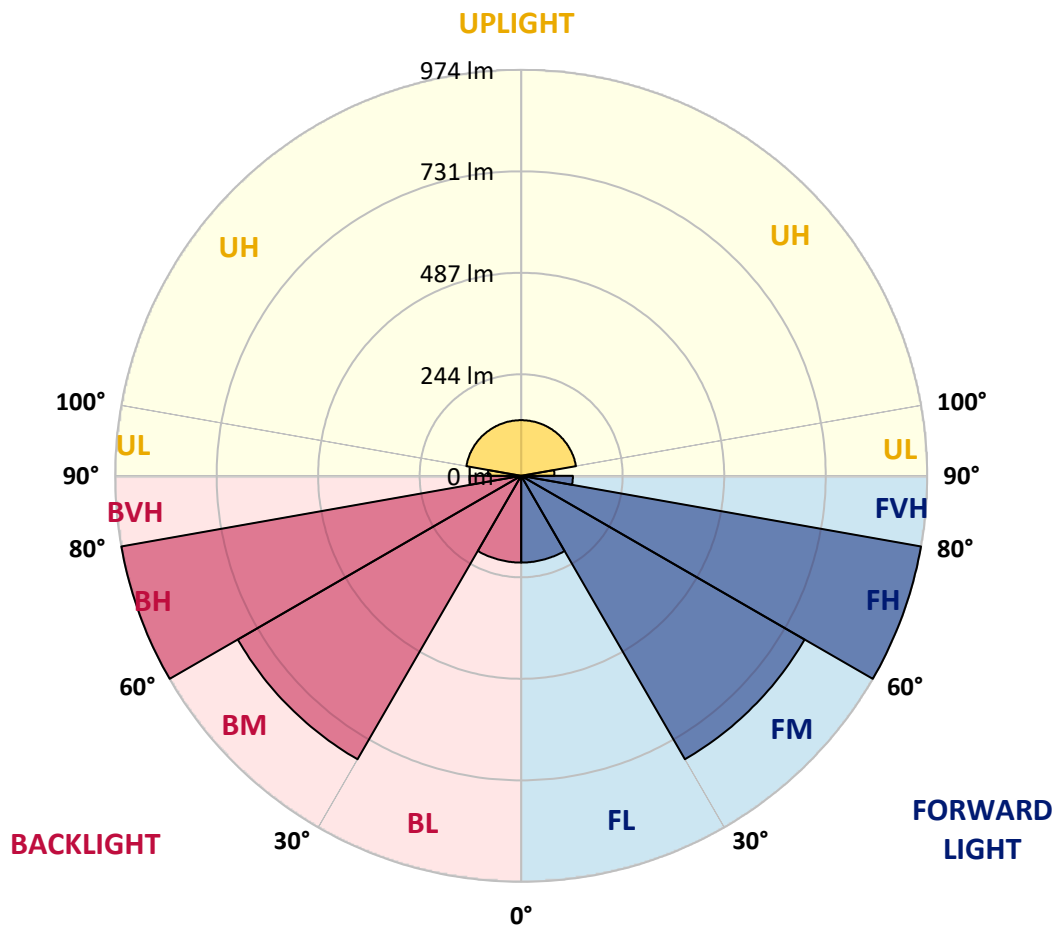
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	208.2	4.7			
FM	(30°-60°)	785.5	17.9			
FH	(60°-80°)	974.5	22.2			G1/1800
FVH	(80°-90°)	124.0	2.8			G2/225
BL	(0°-30°)	208.2	4.7	B1/500		
BM	(30°-60°)	785.5	17.9	B1/1000		
BH	(60°-80°)	974.5	22.2	B2/1000		G1/1800
BVH	(80°-90°)	124.0	2.8			G2/225
UL	(90°-100°)	80.0	1.8		U3/500	
UH	(100°-180°)	133.6	3.0		U3/500	

BUG Rating: B2-U3-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	458.5
2.5°	459.7
5°	464.7
7.5°	468.5
10°	473.4
12.5°	482.2
15°	488.4
17.5°	498.4
20°	508.3
22.5°	495.9
25°	490.9
27.5°	505.8
30°	519.5
32.5°	532.0
35°	545.7
37.5°	560.7
40°	579.3
42.5°	601.8
45°	620.5
47.5°	614.2
50°	686.5
52.5°	740.1
55°	824.8
57.5°	910.8
60°	1005.4
62.5°	1103.9
65°	1192.3
67.5°	1224.7
70°	1156.2
72.5°	971.8
75°	763.7
77.5°	554.4
80°	381.2
82.5°	277.8
85°	211.8
87.5°	168.2
90°	124.6
92.5°	88.5
95°	68.5
97.5°	52.3
100°	42.4
102.5°	43.6
105°	53.6
107.5°	69.8
110°	76.0

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	61.0
115°	47.3
117.5°	31.1
120°	22.4
122.5°	18.7
125°	16.2
127.5°	13.7
130°	11.2
132.5°	10.0
135°	8.7
137.5°	7.5
140°	6.2
142.5°	5.0
145°	5.0
147.5°	5.0
150°	3.7
152.5°	3.7
155°	3.7
157.5°	2.5
160°	2.5
162.5°	2.5
165°	2.5
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)