

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: P853422

Luminaire Tested: **CRTK-N-40-750-U-T5R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853422
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-40-750-U-T5R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

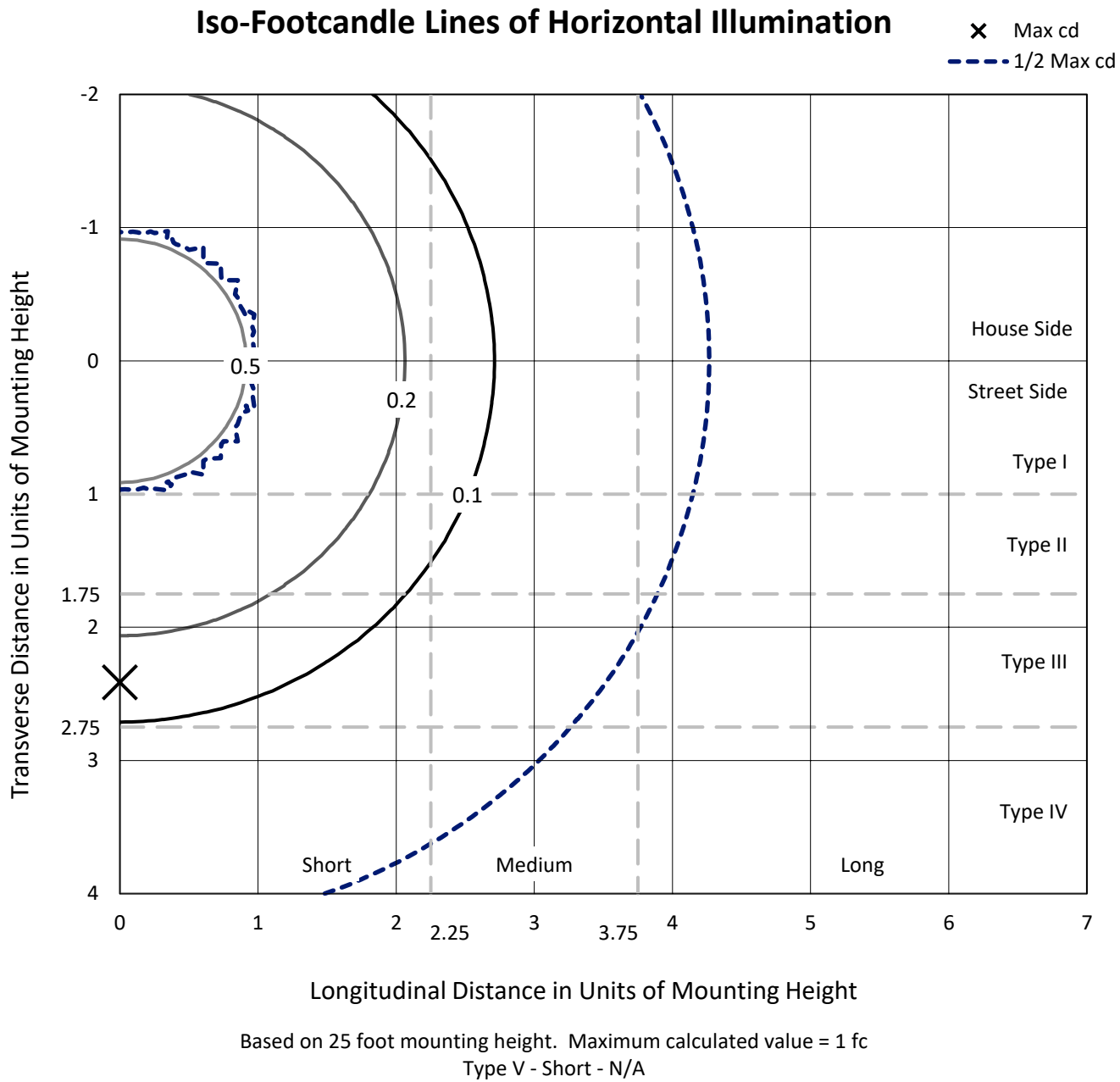
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5700 lumens
Efficiency: N/A
Efficacy: 135.4 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



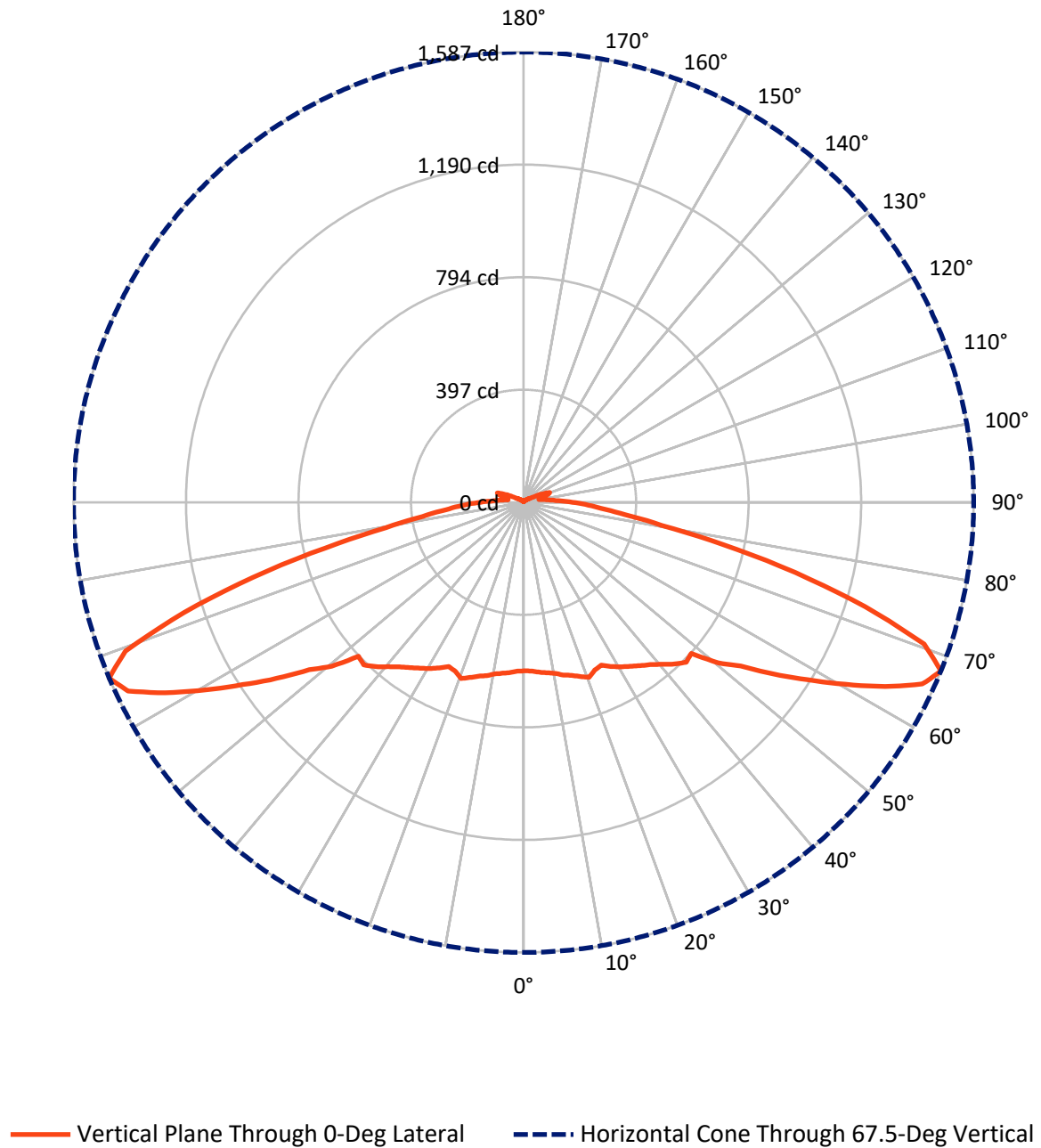
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Luminous Intensity Polar Plot



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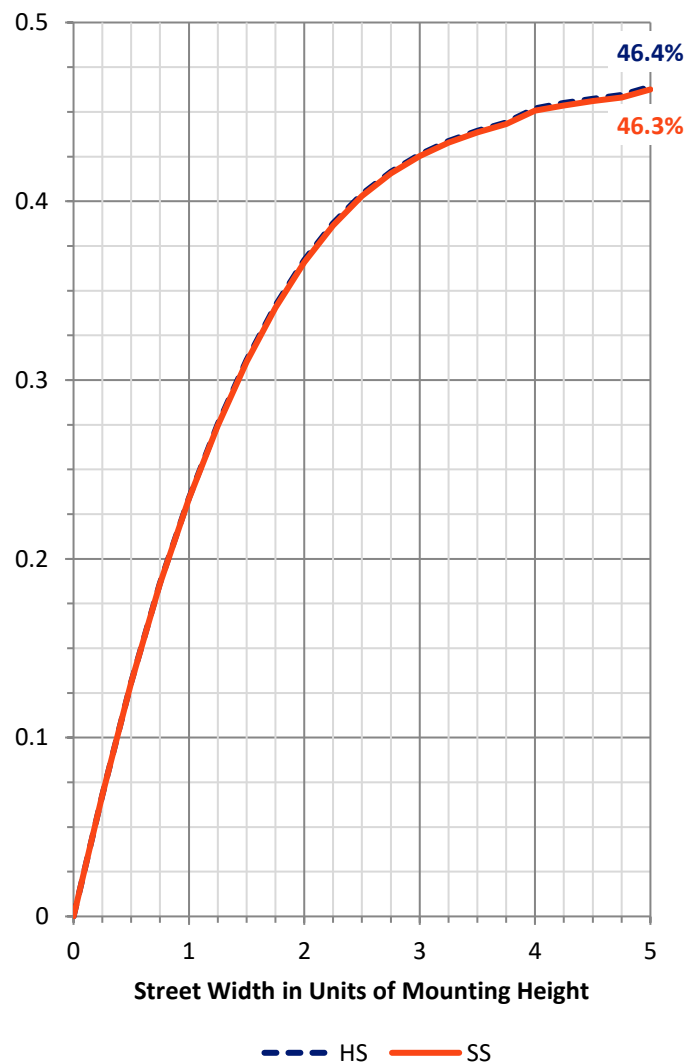
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2711.6	138.4	2850.0
	% Fixture	47.6	2.4	50.0
Street Side	Lumens	2711.6	138.4	2850.0
	% Fixture	47.6	2.4	50.0
Total	Lumens	5423.3	276.7	5700.0
	% Fixture	95.1	4.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.8	1.0
10°-20°	180.6	3.2
20°-30°	301.2	5.3
30°-40°	446.2	7.8
40°-50°	620.6	10.9
50°-60°	969.2	17.0
60°-70°	1481.6	26.0
70°-80°	1044.4	18.3
80°-90°	321.6	5.6
90°-100°	103.6	1.8
100°-110°	77.3	1.4
110°-120°	61.2	1.1
120°-130°	19.1	0.3
130°-140°	8.8	0.2
140°-150°	4.1	0.1
150°-160°	2.0	0.0
160°-170°	0.6	0.0
170°-180°	0.0	0.0
0°-90°	5423.3	95.1
0°-180°	5700.0	100.0

Coefficient of Utilization



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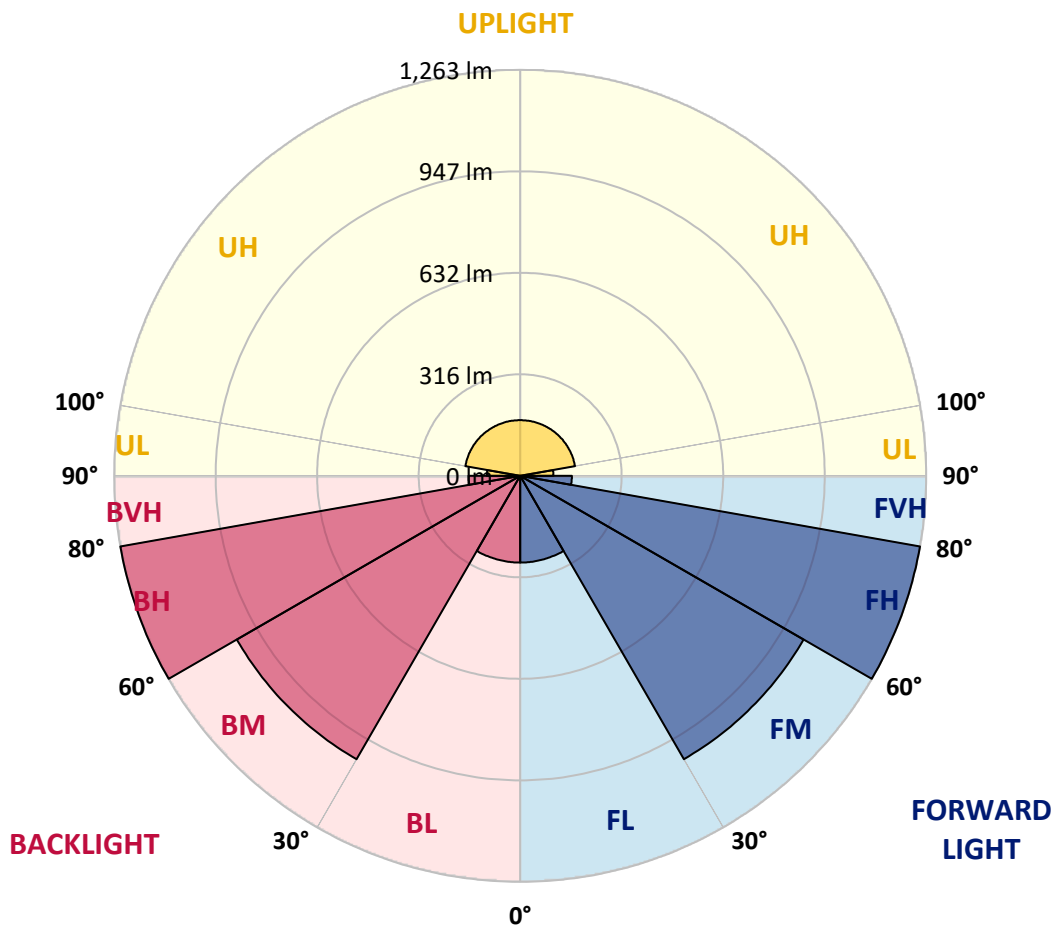
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	269.8	4.7			
FM	(30°-60°)	1018.1	17.9			
FH	(60°-80°)	1263.0	22.2			G1/1800
FVH	(80°-90°)	160.8	2.8			G2/225
BL	(0°-30°)	269.8	4.7	B1/500		
BM	(30°-60°)	1018.1	17.9	B2/2500		
BH	(60°-80°)	1263.0	22.2	B3/2500		G1/1800
BVH	(80°-90°)	160.8	2.8			G2/225
UL	(90°-100°)	103.6	1.8		U3/500	
UH	(100°-180°)	173.1	3.0		U3/500	

BUG Rating: B3-U3-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	594.2
2.5°	595.8
5°	602.3
7.5°	607.1
10°	613.6
12.5°	624.9
15°	633.0
17.5°	645.9
20°	658.8
22.5°	642.7
25°	636.2
27.5°	655.6
30°	673.3
32.5°	689.5
35°	707.3
37.5°	726.6
40°	750.9
42.5°	779.9
45°	804.1
47.5°	796.1
50°	889.7
52.5°	959.2
55°	1069.0
57.5°	1180.4
60°	1303.1
62.5°	1430.7
65°	1545.3
67.5°	1587.3
70°	1498.5
72.5°	1259.5
75°	989.8
77.5°	718.6
80°	494.1
82.5°	360.1
85°	274.5
87.5°	218.0
90°	161.5
92.5°	114.6
95°	88.8
97.5°	67.8
100°	54.9
102.5°	56.5
105°	69.4
107.5°	90.4
110°	98.5

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	79.1
115°	61.4
117.5°	40.4
120°	29.1
122.5°	24.2
125°	21.0
127.5°	17.8
130°	14.5
132.5°	12.9
135°	11.3
137.5°	9.7
140°	8.1
142.5°	6.5
145°	6.5
147.5°	6.5
150°	4.8
152.5°	4.8
155°	4.8
157.5°	3.2
160°	3.2
162.5°	3.2
165°	3.2
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)