

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: P853316

Luminaire Tested: **CRTK-N-20-750-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853316
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-13)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-20-750-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

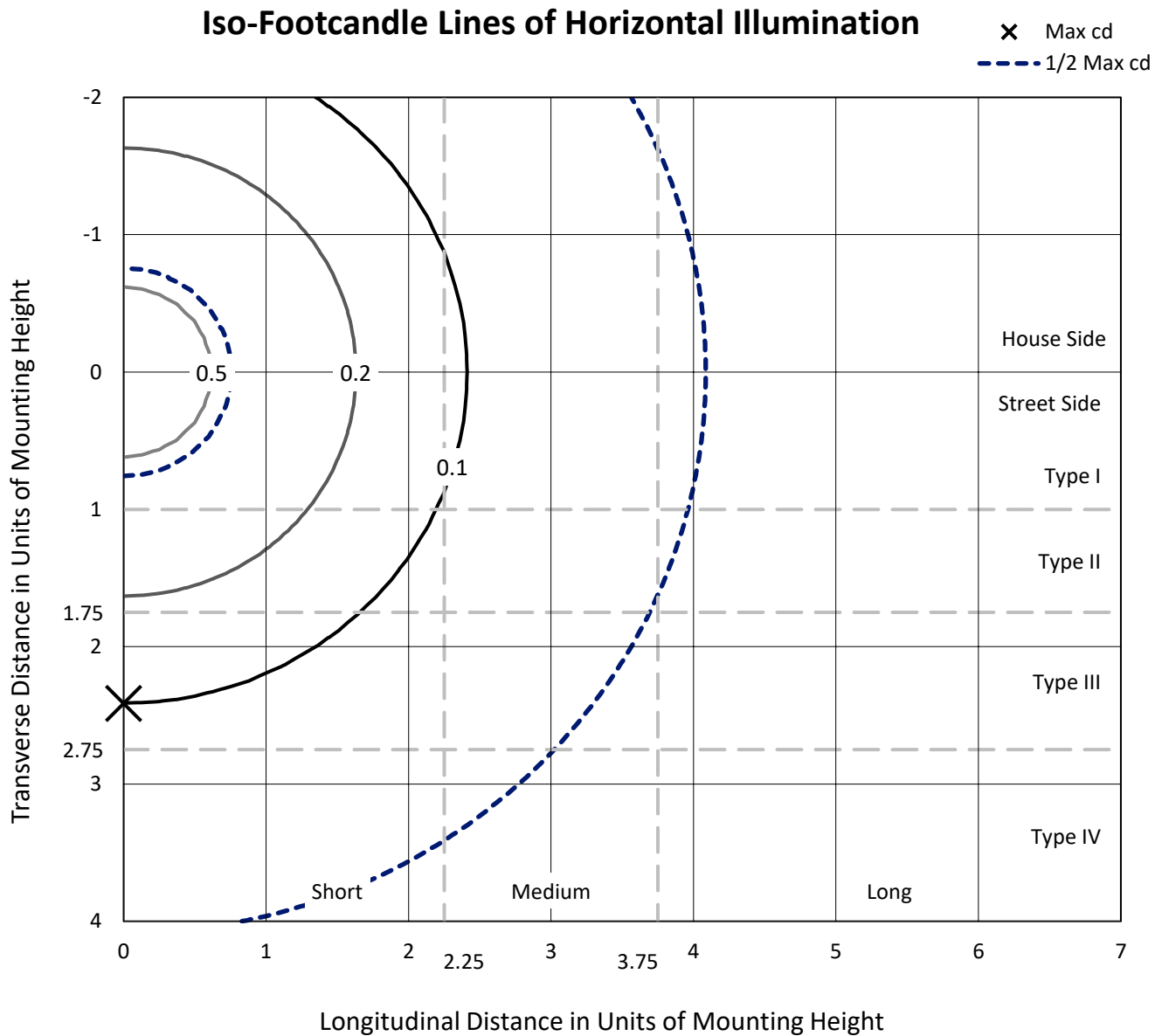
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3668 lumens
Efficiency: N/A
Efficacy: 158.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - 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

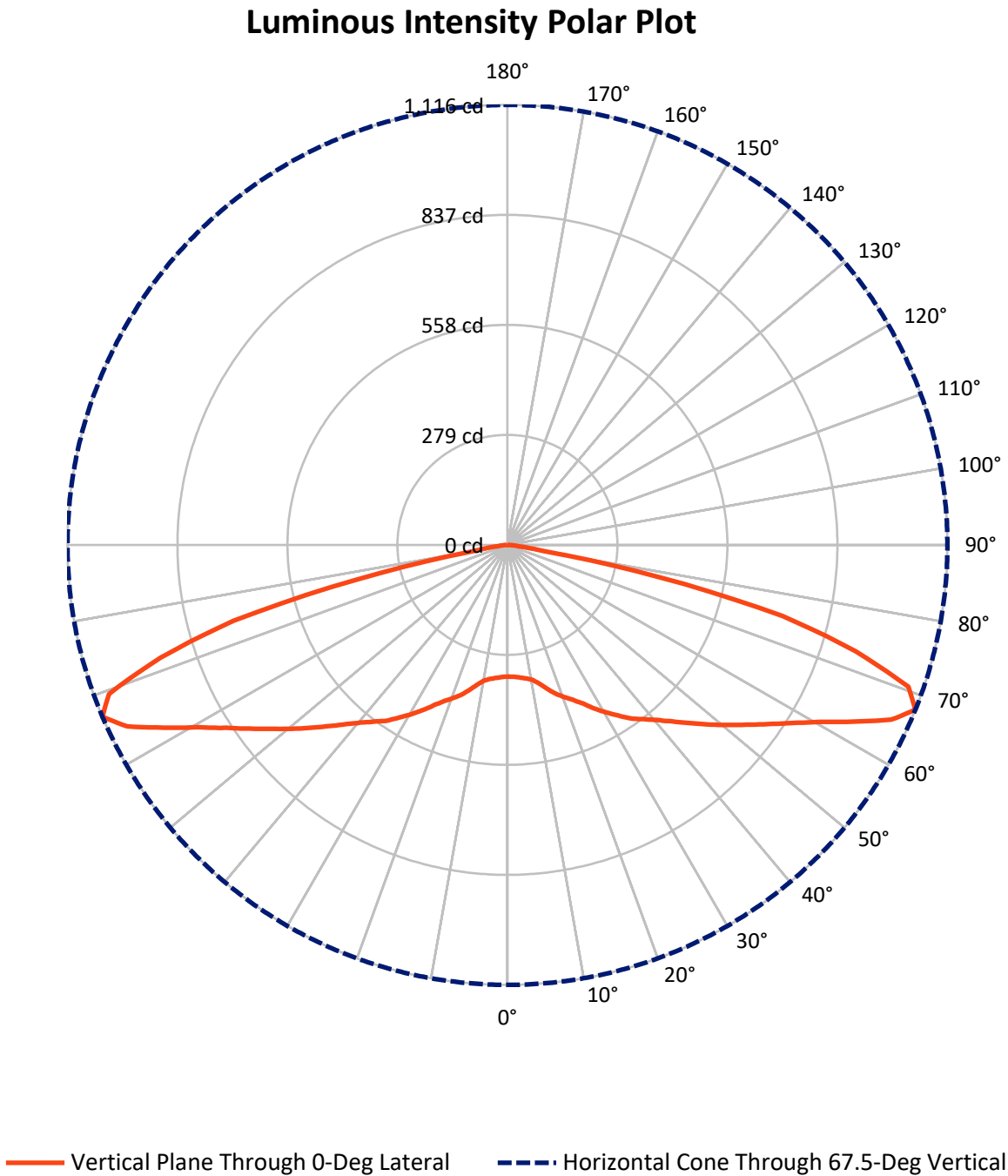


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Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
Type V - Short - N/A

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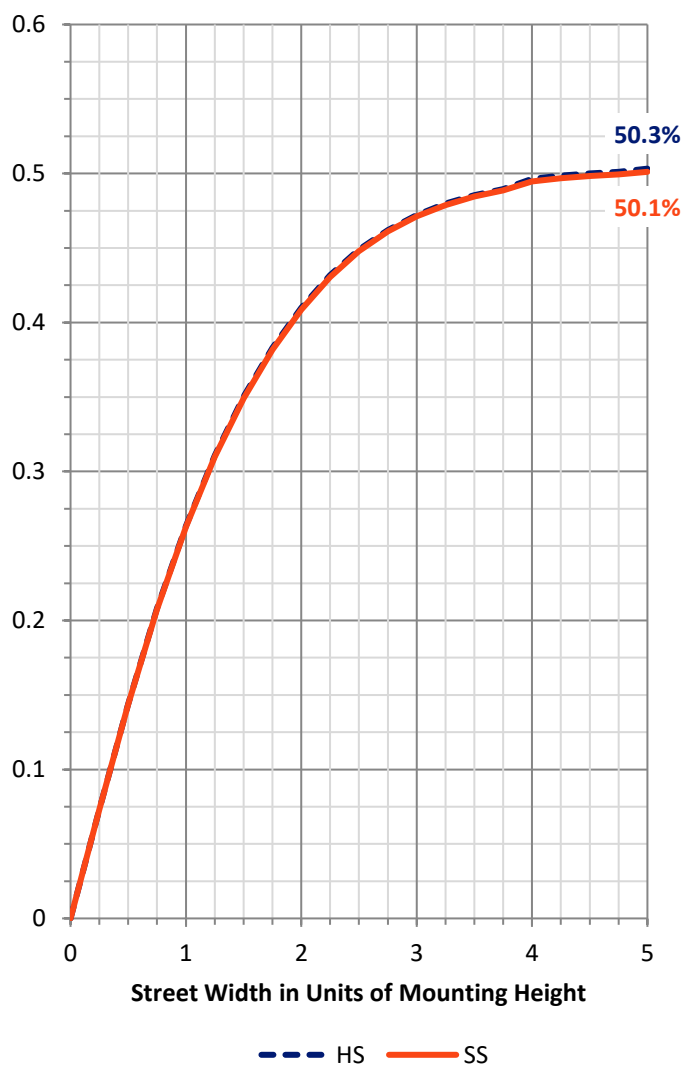
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1834.0	0.0	1834.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1834.0	0.0	1834.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3668.0	0.0	3668.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.6	0.9
10°-20°	108.5	3.0
20°-30°	208.9	5.7
30°-40°	339.7	9.3
40°-50°	502.2	13.7
50°-60°	725.2	19.8
60°-70°	1035.3	28.2
70°-80°	690.4	18.8
80°-90°	25.3	0.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	3668.0	100.0
0°-180°	3668.0	100.0

Coefficient of Utilization



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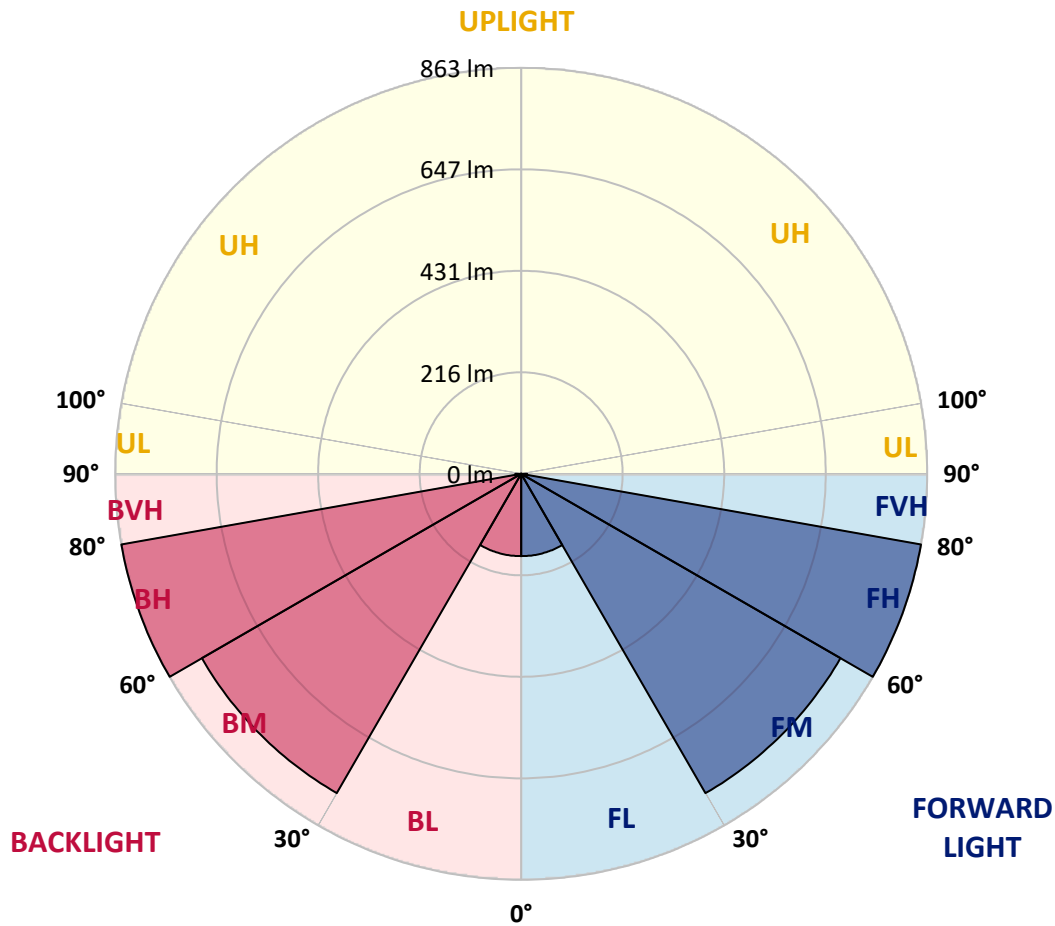
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	174.9	4.8			
FM	(30°-60°)	783.6	21.4			
FH	(60°-80°)	862.8	23.5			G1/1800
FVH	(80°-90°)	12.6	0.3			G1/100
BL	(0°-30°)	174.9	4.8	B1/500		
BM	(30°-60°)	783.6	21.4	B1/1000		
BH	(60°-80°)	862.8	23.5	B2/1000		G1/1800
BVH	(80°-90°)	12.6	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	334.0
2.5°	335.0
5°	338.0
7.5°	342.0
10°	348.0
12.5°	361.0
15°	379.0
17.5°	397.0
20°	412.0
22.5°	426.9
25°	445.9
27.5°	469.9
30°	492.9
32.5°	515.9
35°	540.9
37.5°	560.9
40°	583.9
42.5°	611.9
45°	643.9
47.5°	679.9
50°	717.9
52.5°	757.9
55°	801.9
57.5°	851.9
60°	910.9
62.5°	986.9
65°	1068.9
67.5°	1115.9
70°	1078.9
72.5°	923.9
75°	720.9
77.5°	394.0
80°	94.0
82.5°	29.0
85°	14.0
87.5°	3.0
90°	0.0

(END OF REPORT)