

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: P853415

Luminaire Tested: **CRTK-N-40-740-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853415
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-40-740-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

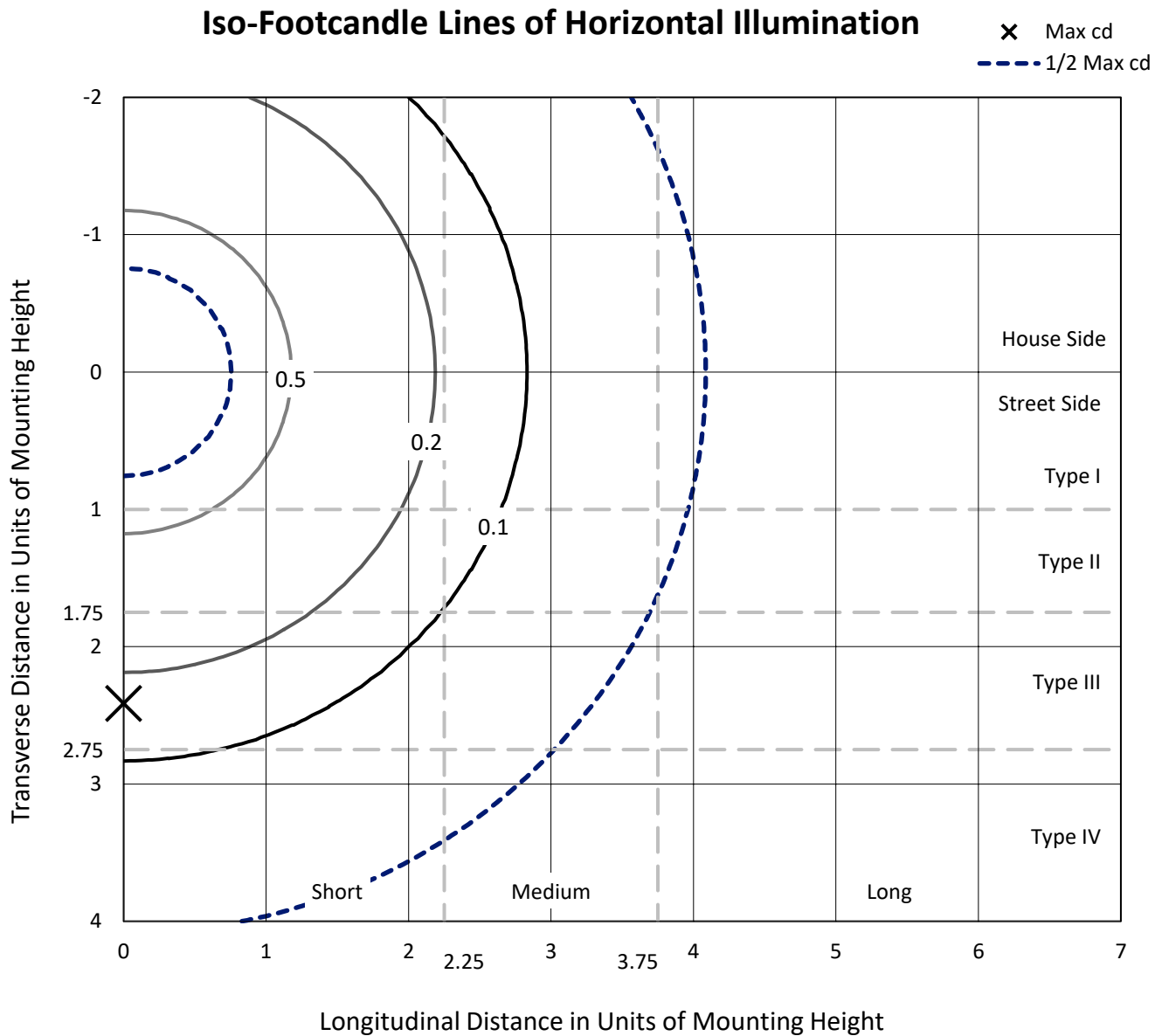
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5923 lumens
Efficiency: N/A
Efficacy: 140.7 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

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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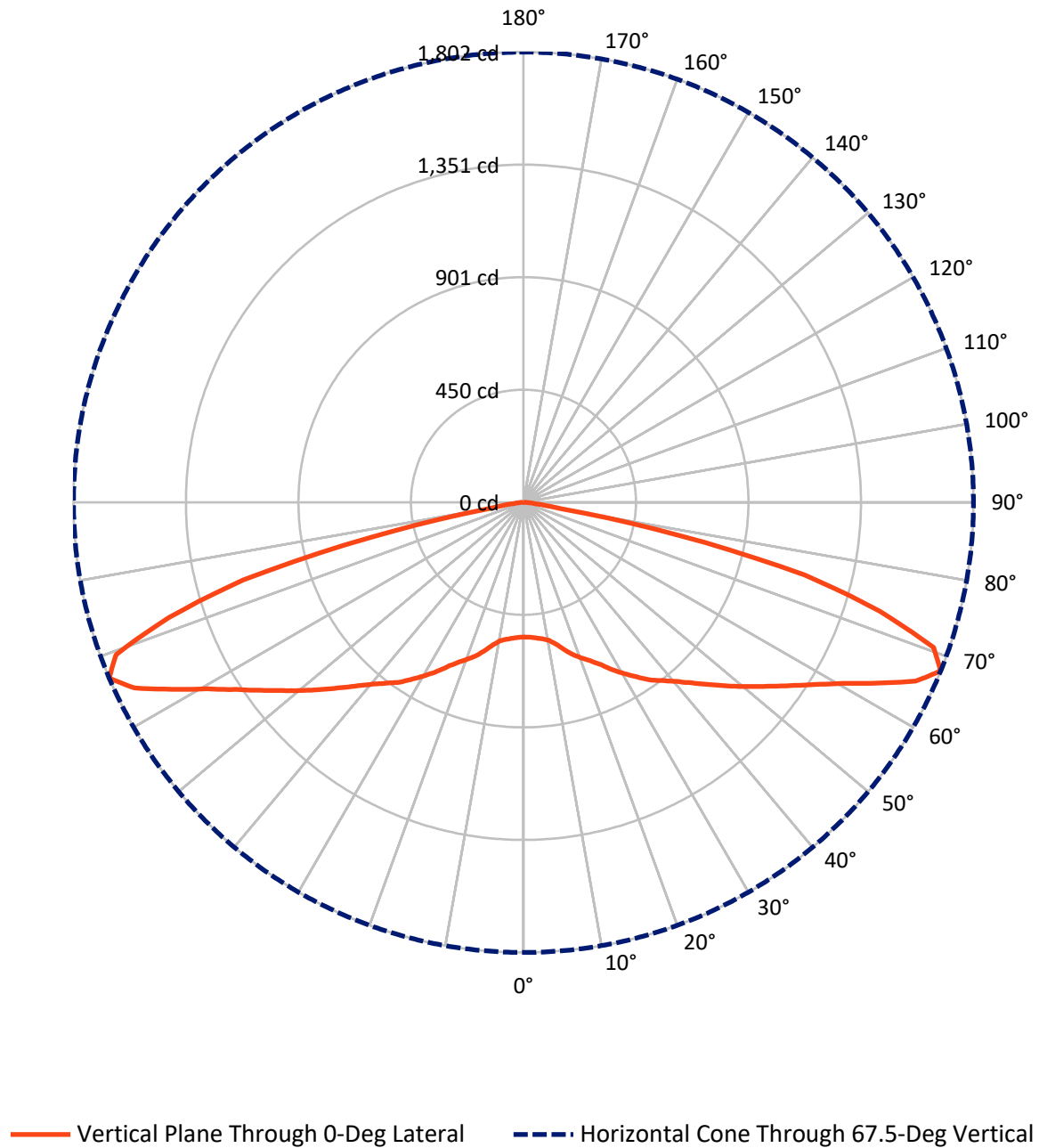


Based on 25 foot mounting height. Maximum calculated value = 0.9 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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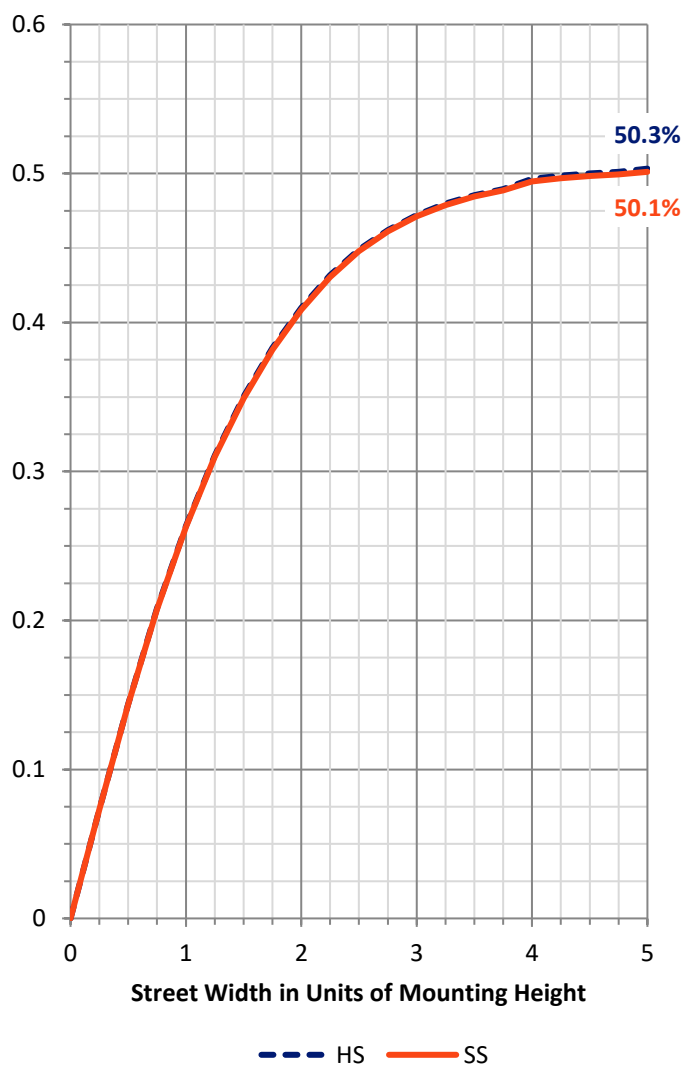
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2961.5	0.0	2961.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2961.5	0.0	2961.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5923.0	0.0	5923.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.6	0.9
10°-20°	175.1	3.0
20°-30°	337.3	5.7
30°-40°	548.6	9.3
40°-50°	811.0	13.7
50°-60°	1171.1	19.8
60°-70°	1671.7	28.2
70°-80°	1114.9	18.8
80°-90°	40.8	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°	5923.0	100.0
0°-180°	5923.0	100.0

Coefficient of Utilization



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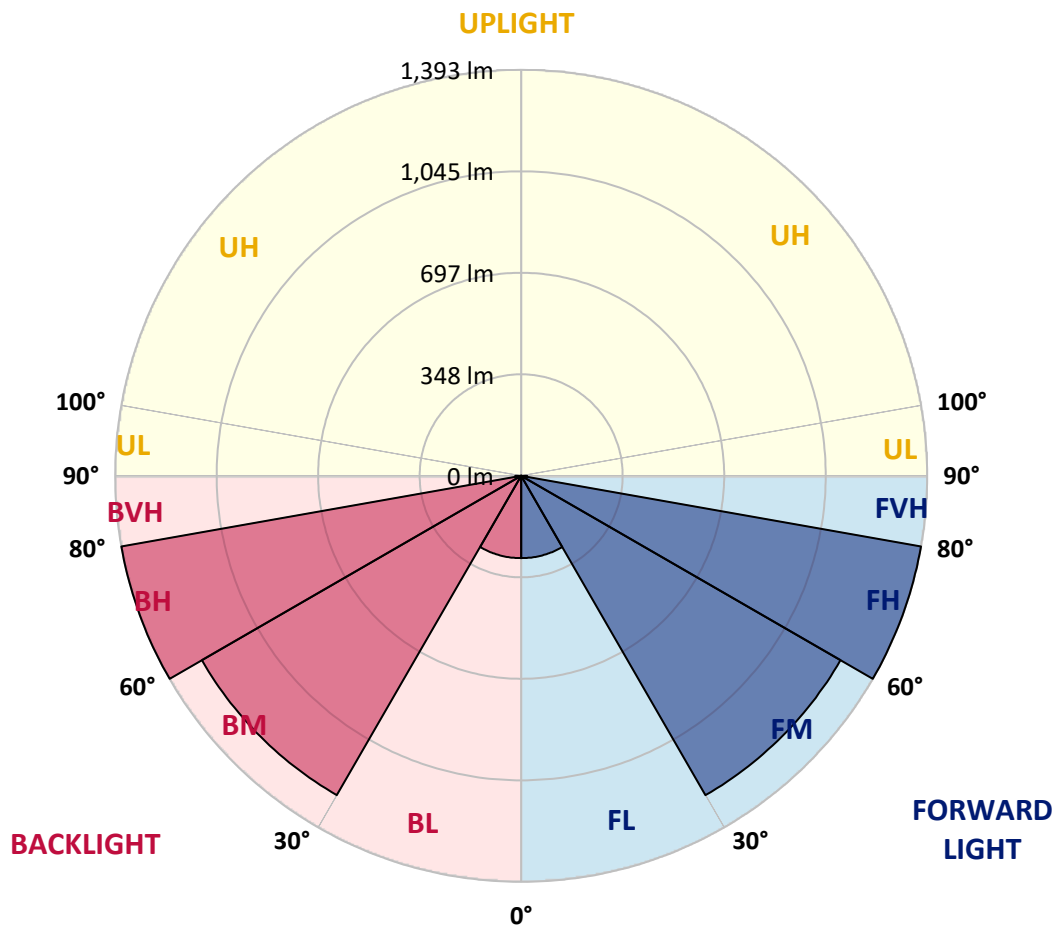
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	282.5	4.8			
FM	(30°-60°)	1265.3	21.4			
FH	(60°-80°)	1393.3	23.5			G1/1800
FVH	(80°-90°)	20.4	0.3			G1/100
BL	(0°-30°)	282.5	4.8	B1/500		
BM	(30°-60°)	1265.3	21.4	B2/2500		
BH	(60°-80°)	1393.3	23.5	B3/2500		G1/1800
BVH	(80°-90°)	20.4	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	539.3
2.5°	540.9
5°	545.7
7.5°	552.2
10°	561.9
12.5°	582.9
15°	611.9
17.5°	641.0
20°	665.2
22.5°	689.4
25°	720.1
27.5°	758.9
30°	796.0
32.5°	833.1
35°	873.5
37.5°	905.8
40°	942.9
42.5°	988.1
45°	1039.8
47.5°	1097.9
50°	1159.3
52.5°	1223.9
55°	1294.9
57.5°	1375.6
60°	1470.9
62.5°	1593.6
65°	1726.0
67.5°	1801.9
70°	1742.1
72.5°	1491.9
75°	1164.1
77.5°	636.1
80°	151.8
82.5°	46.8
85°	22.6
87.5°	4.8
90°	0.0

(END OF REPORT)