

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: P853478

Luminaire Tested: **CRTK-N-50-750-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853478
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-50-750-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6494 lumens
Efficiency: N/A
Efficacy: 136.1 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

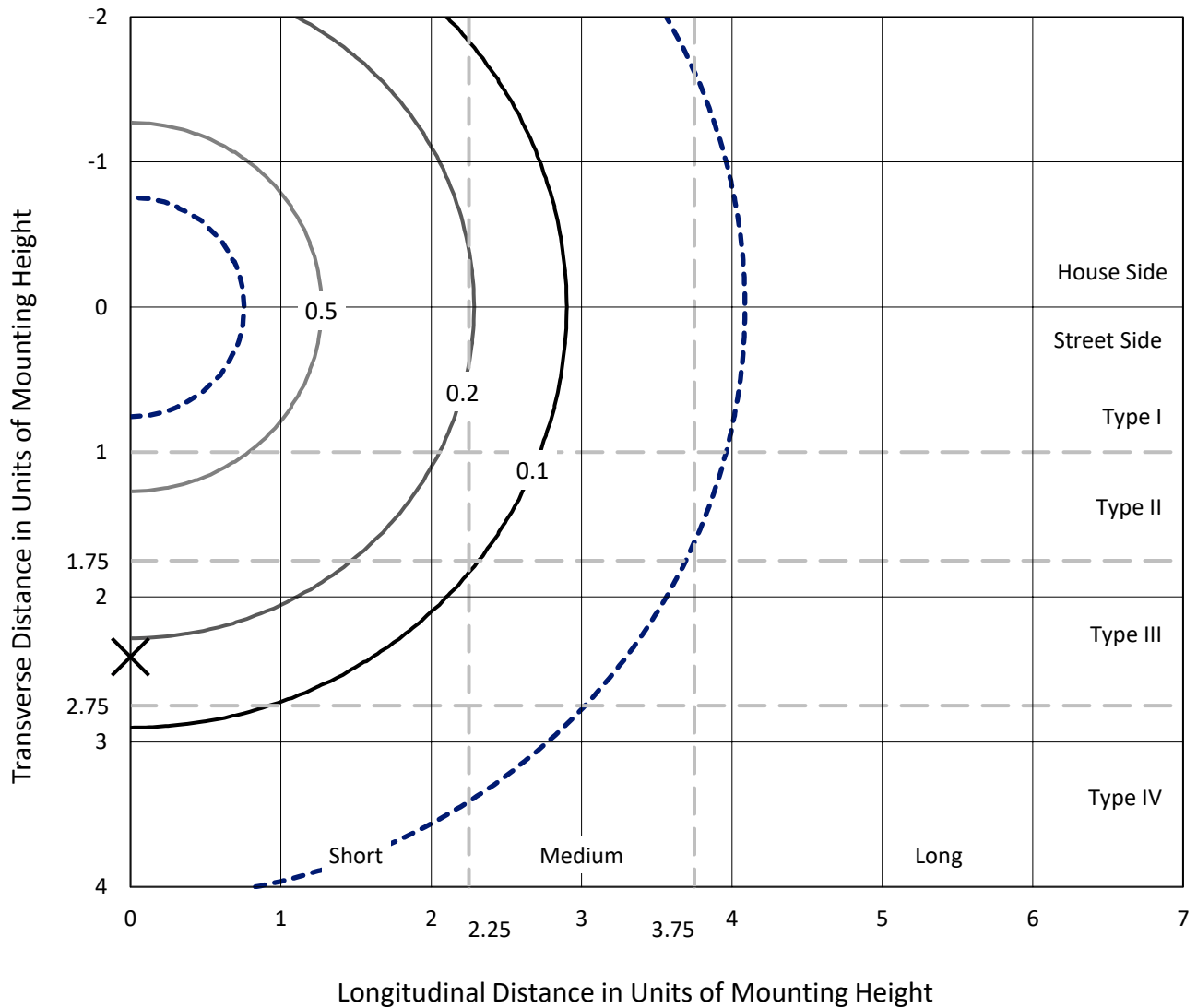
Input Watts (W): 47.7
Input Voltage (V): 120.0
Input Current (Ain): 0.398
Voltage Rise (V): NR
Power Factor: 0.9969
Total Harmonic Distortion (THDi): 6.56%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

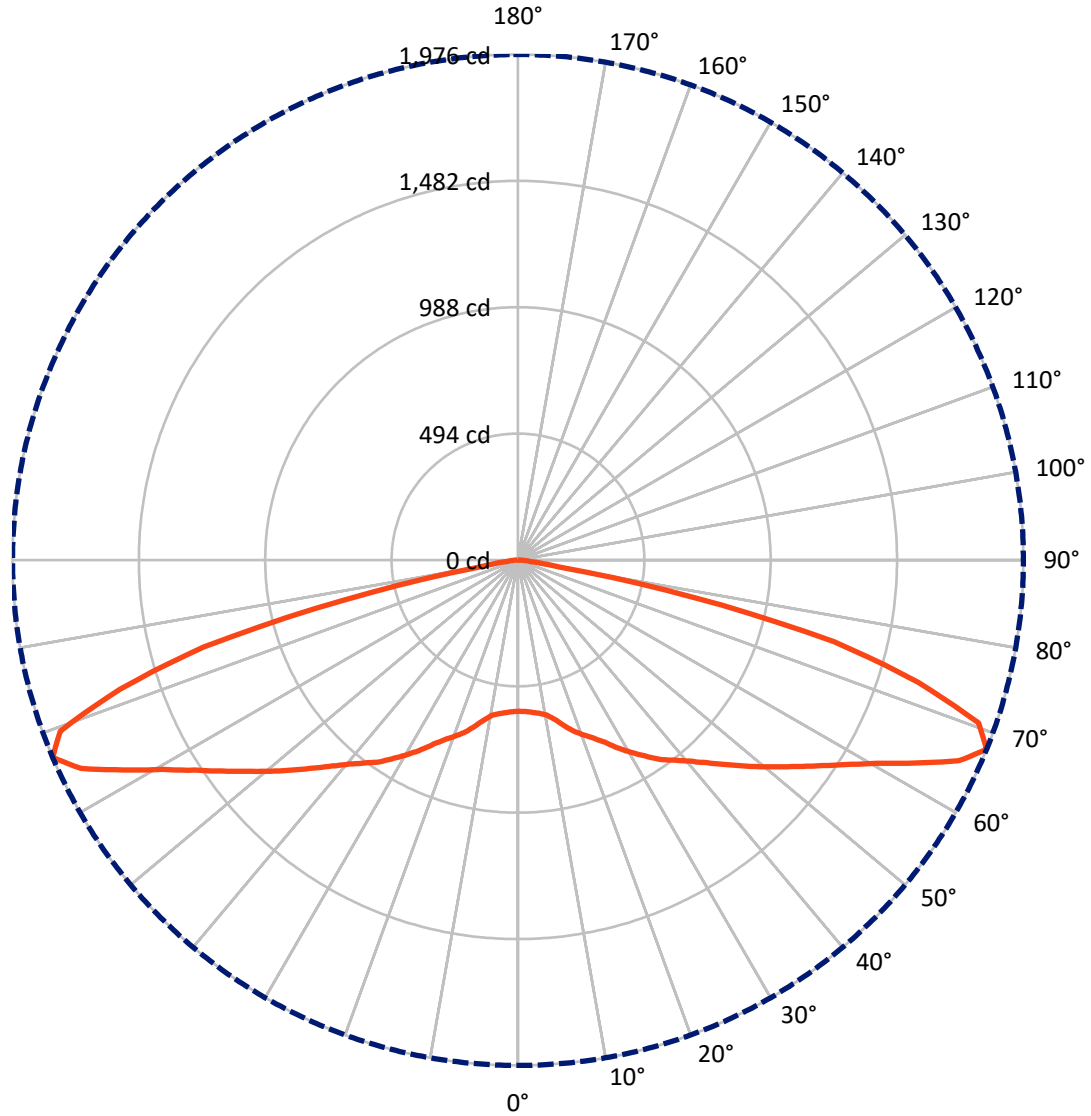
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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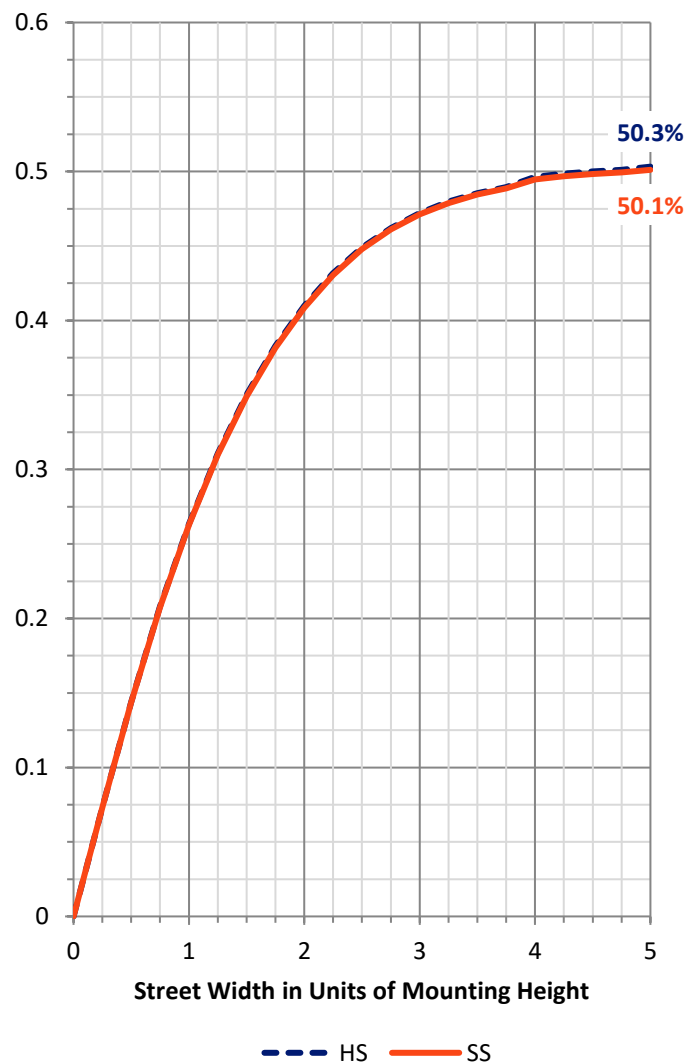
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3247.0	0.0	3247.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3247.0	0.0	3247.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6494.0	0.0	6494.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.6	0.9
10°-20°	192.0	3.0
20°-30°	369.8	5.7
30°-40°	601.5	9.3
40°-50°	889.2	13.7
50°-60°	1283.9	19.8
60°-70°	1832.8	28.2
70°-80°	1222.3	18.8
80°-90°	44.7	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°	6494.0	100.0
0°-180°	6494.0	100.0

Coefficient of Utilization



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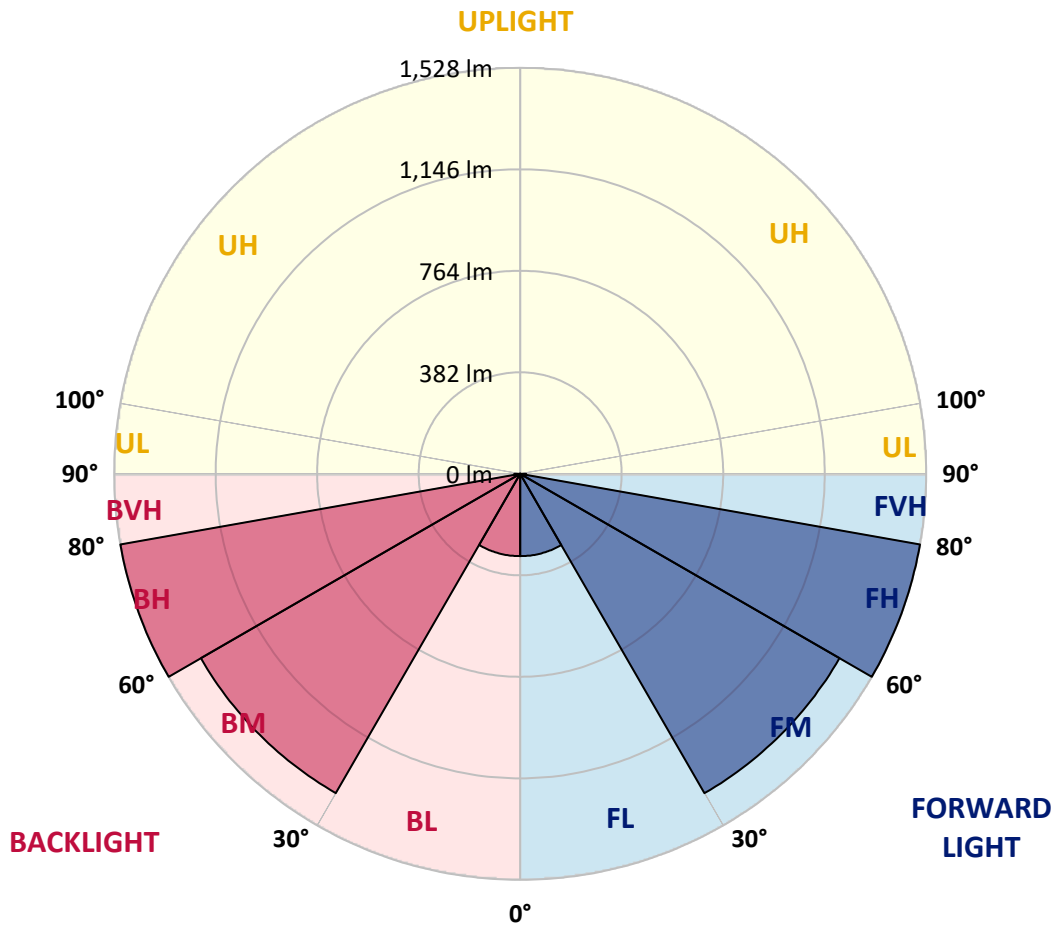
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	309.7	4.8			
FM (30°-60°)	1387.3	21.4			
FH (60°-80°)	1527.6	23.5			G1/1800
FVH (80°-90°)	22.4	0.3			G1/100
BL (0°-30°)	309.7	4.8	B1/500		
BM (30°-60°)	1387.3	21.4	B2/2500		
BH (60°-80°)	1527.6	23.5	B3/2500		G1/1800
BVH (80°-90°)	22.4	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°	591.3
2.5°	593.0
5°	598.3
7.5°	605.4
10°	616.0
12.5°	639.1
15°	670.9
17.5°	702.8
20°	729.3
22.5°	755.9
25°	789.5
27.5°	832.0
30°	872.7
32.5°	913.4
35°	957.7
37.5°	993.1
40°	1033.8
42.5°	1083.4
45°	1140.0
47.5°	1203.8
50°	1271.0
52.5°	1341.8
55°	1419.7
57.5°	1508.2
60°	1612.7
62.5°	1747.2
65°	1892.4
67.5°	1975.6
70°	1910.1
72.5°	1635.7
75°	1276.3
77.5°	697.5
80°	166.4
82.5°	51.3
85°	24.8
87.5°	5.3
90°	0.0

(END OF REPORT)