

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: P853406

Luminaire Tested: **CRTK-N-40-730-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853406
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-40-730-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5641 lumens
Efficiency: N/A
Efficacy: 134.0 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

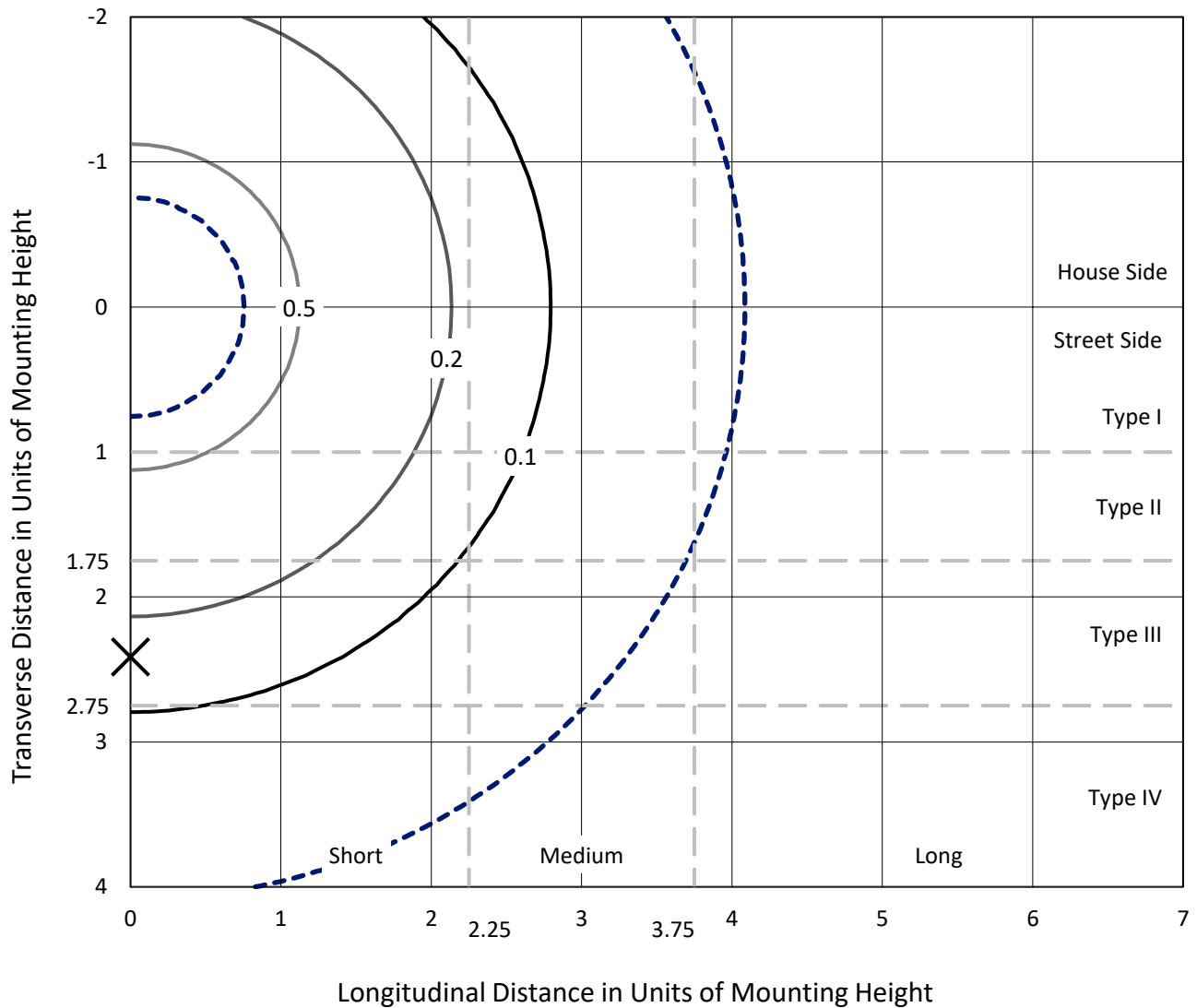
Input Watts (W): 42.1
Input Voltage (V): 120.0
Input Current (Ain): 0.352
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 7.54%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

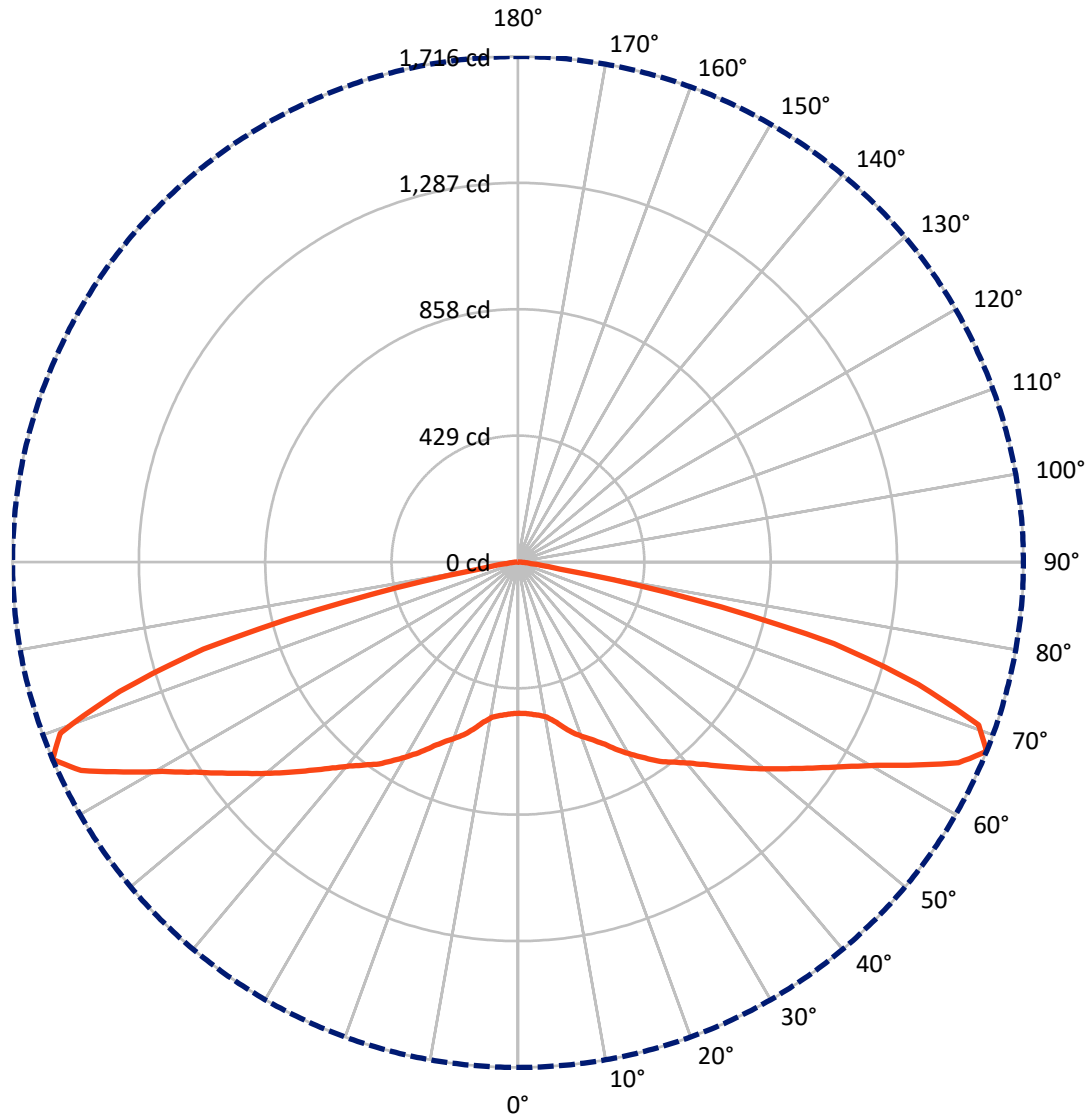
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 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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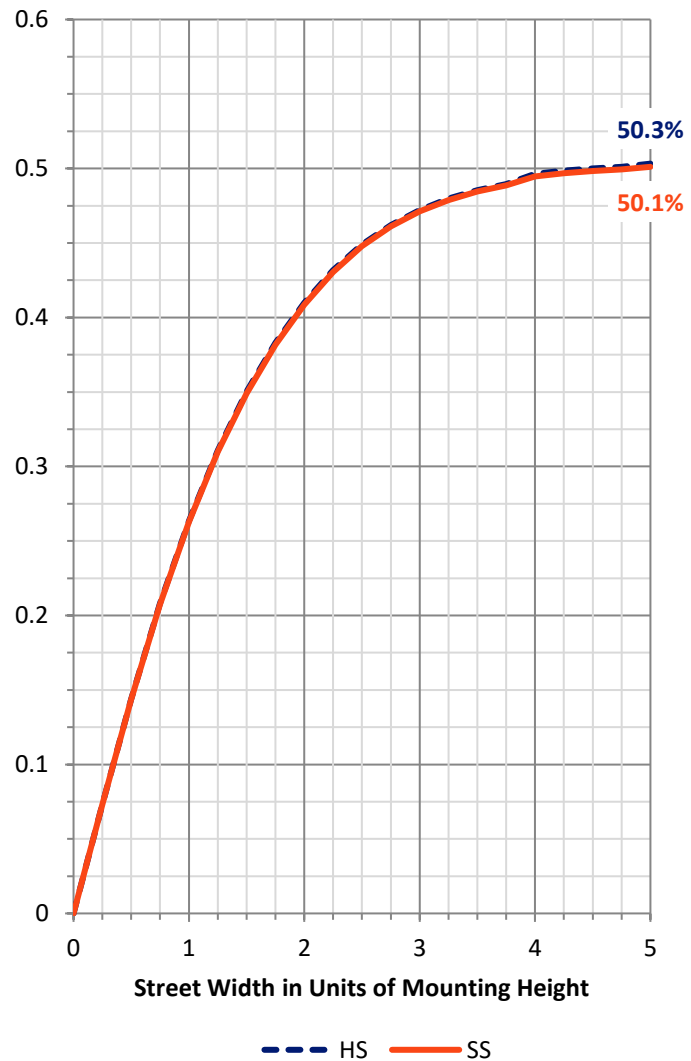
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2820.5	0.0	2820.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2820.5	0.0	2820.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5641.0	0.0	5641.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.1	0.9
10°-20°	166.8	3.0
20°-30°	321.2	5.7
30°-40°	522.5	9.3
40°-50°	772.4	13.7
50°-60°	1115.3	19.8
60°-70°	1592.1	28.2
70°-80°	1061.8	18.8
80°-90°	38.8	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°	5641.0	100.0
0°-180°	5641.0	100.0

Coefficient of Utilization



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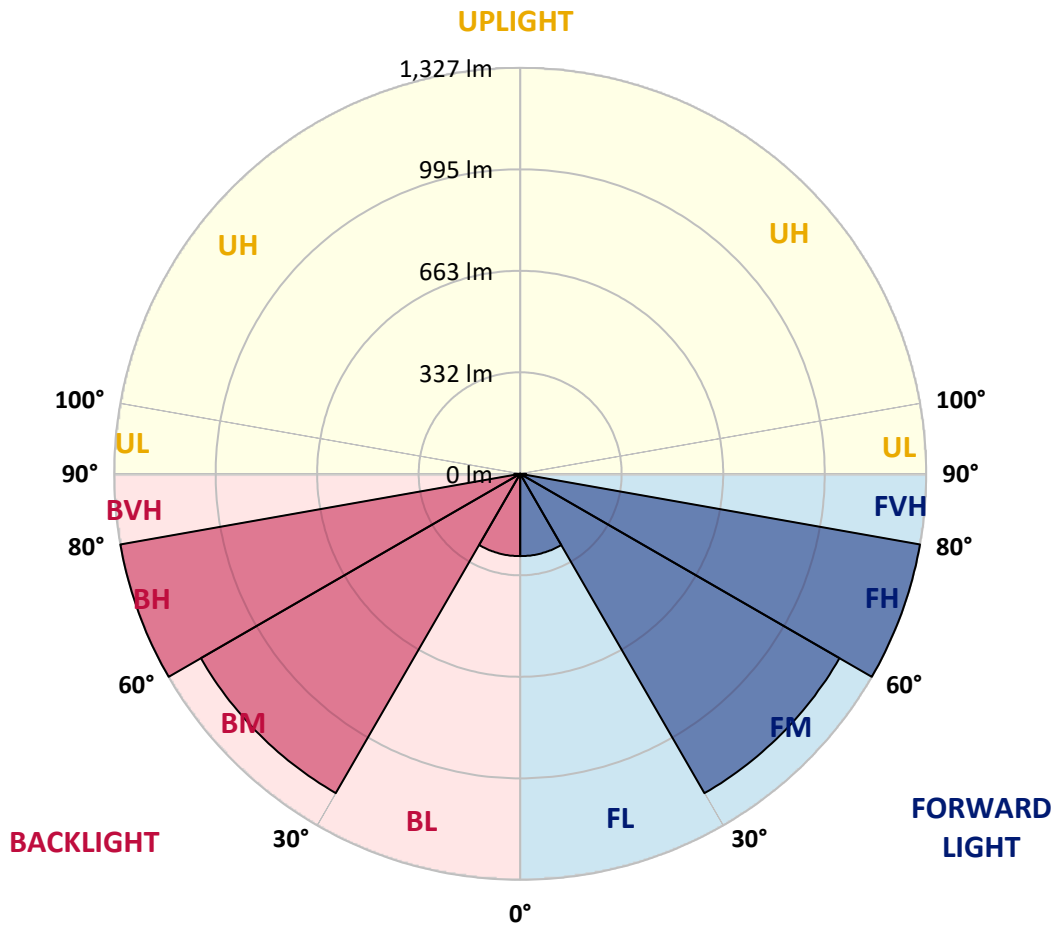
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	269.0	4.8			
FM (30°-60°)	1205.1	21.4			
FH (60°-80°)	1326.9	23.5			G1/1800
FVH (80°-90°)	19.4	0.3			G1/100
BL (0°-30°)	269.0	4.8	B1/500		
BM (30°-60°)	1205.1	21.4	B2/2500		
BH (60°-80°)	1326.9	23.5	B3/2500		G1/1800
BVH (80°-90°)	19.4	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°	513.6
2.5°	515.1
5°	519.7
7.5°	525.9
10°	535.1
12.5°	555.1
15°	582.8
17.5°	610.5
20°	633.5
22.5°	656.6
25°	685.8
27.5°	722.7
30°	758.1
32.5°	793.5
35°	831.9
37.5°	862.7
40°	898.0
42.5°	941.1
45°	990.3
47.5°	1045.6
50°	1104.1
52.5°	1165.6
55°	1233.2
57.5°	1310.1
60°	1400.9
62.5°	1517.7
65°	1643.8
67.5°	1716.1
70°	1659.2
72.5°	1420.8
75°	1108.7
77.5°	605.9
80°	144.5
82.5°	44.6
85°	21.5
87.5°	4.6
90°	0.0

(END OF REPORT)