

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: P853397

Luminaire Tested: **CRTK-N-40-727-U-T5R**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P853397  
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-40-727-U-T5R  
Description:  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

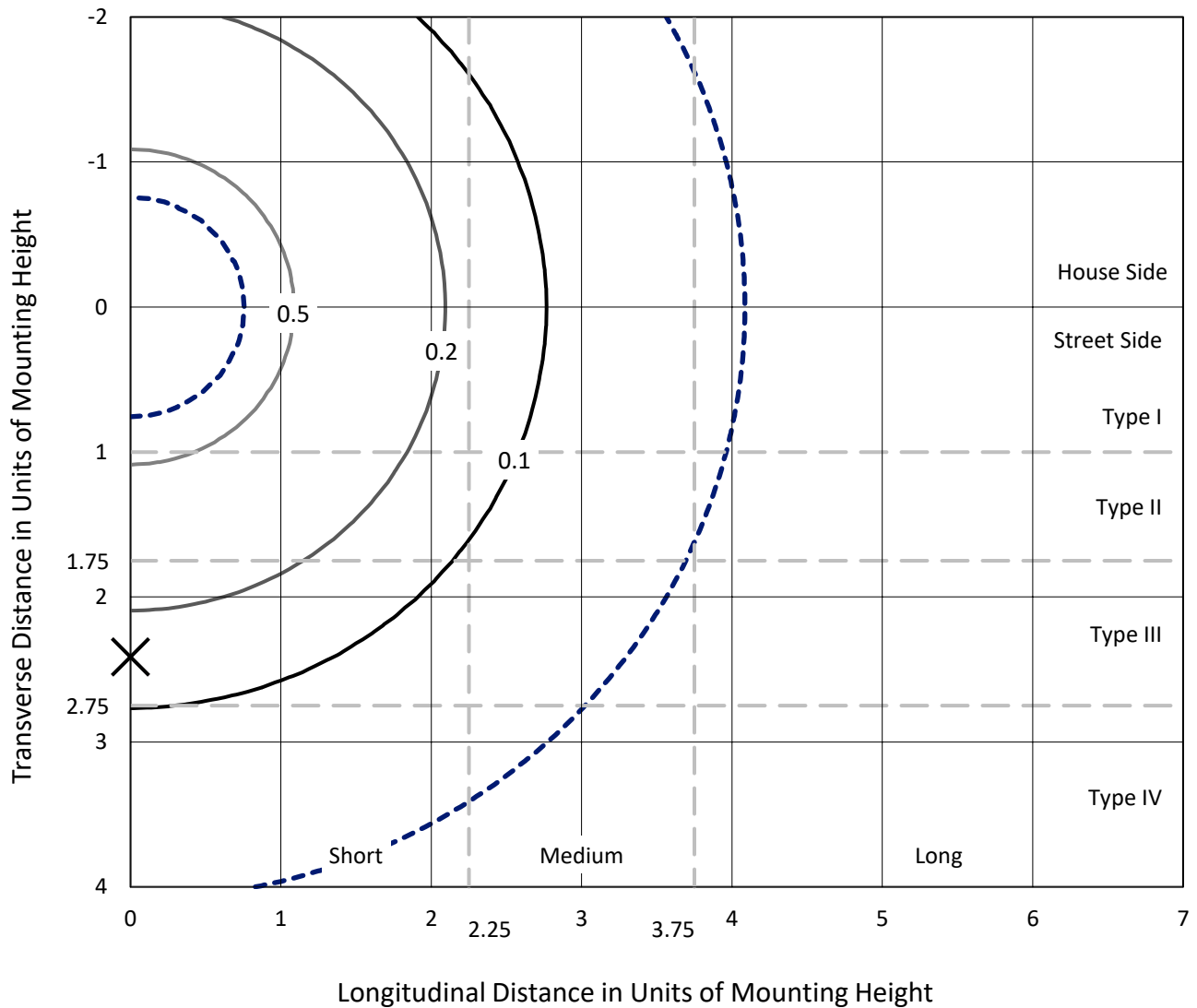
Lumens per Lamp: N/A  
Luminaire Lumens: 5444 lumens  
Efficiency: N/A  
Efficacy: 129.3 lumens/watt  
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1  
  
Input Watts (W): 42.1  
Input Voltage (V): 120.0  
Input Current (Ain): 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

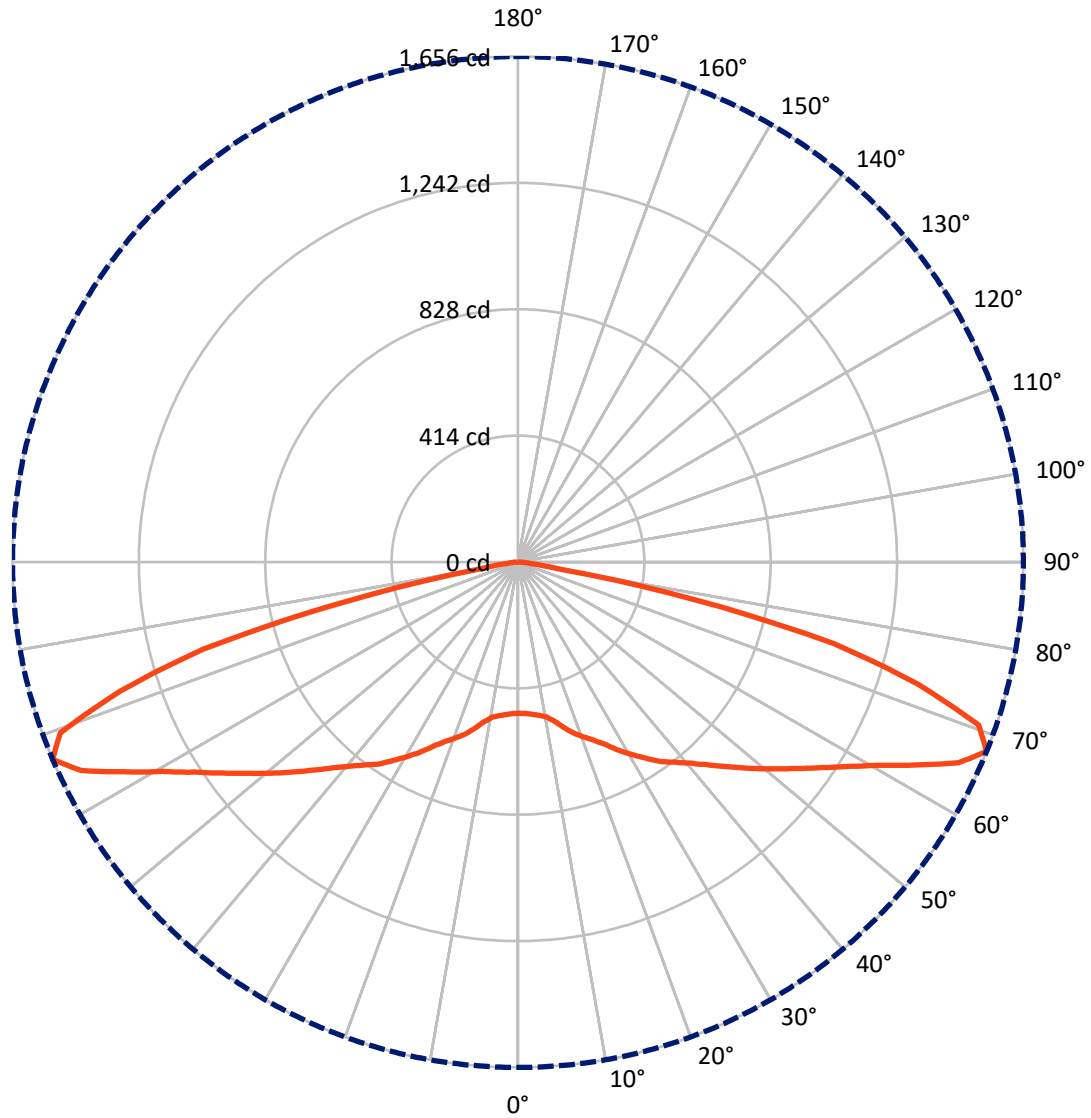
✕ Max cd  
 - - - 1/2 Max cd



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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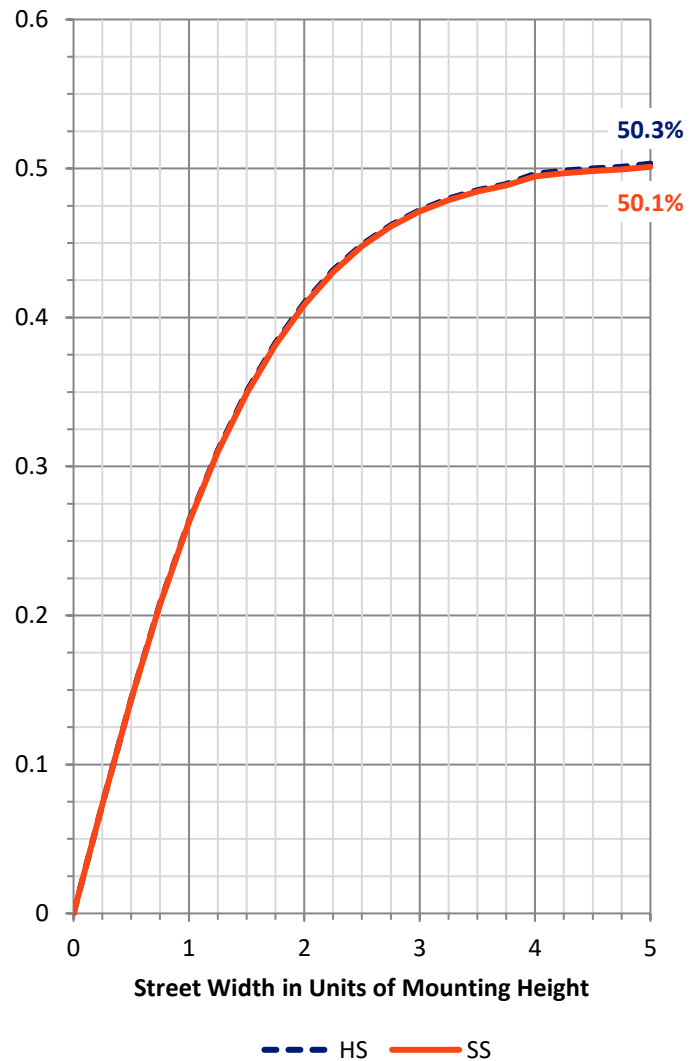
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2722.0	0.0	2722.0
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	2722.0	0.0	2722.0
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	5444.0	0.0	5444.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.3	0.9
10°-20°	161.0	3.0
20°-30°	310.0	5.7
30°-40°	504.2	9.3
40°-50°	745.4	13.7
50°-60°	1076.4	19.8
60°-70°	1536.5	28.2
70°-80°	1024.7	18.8
80°-90°	37.5	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°	5444.0	100.0
0°-180°	5444.0	100.0

**Coefficient of Utilization**



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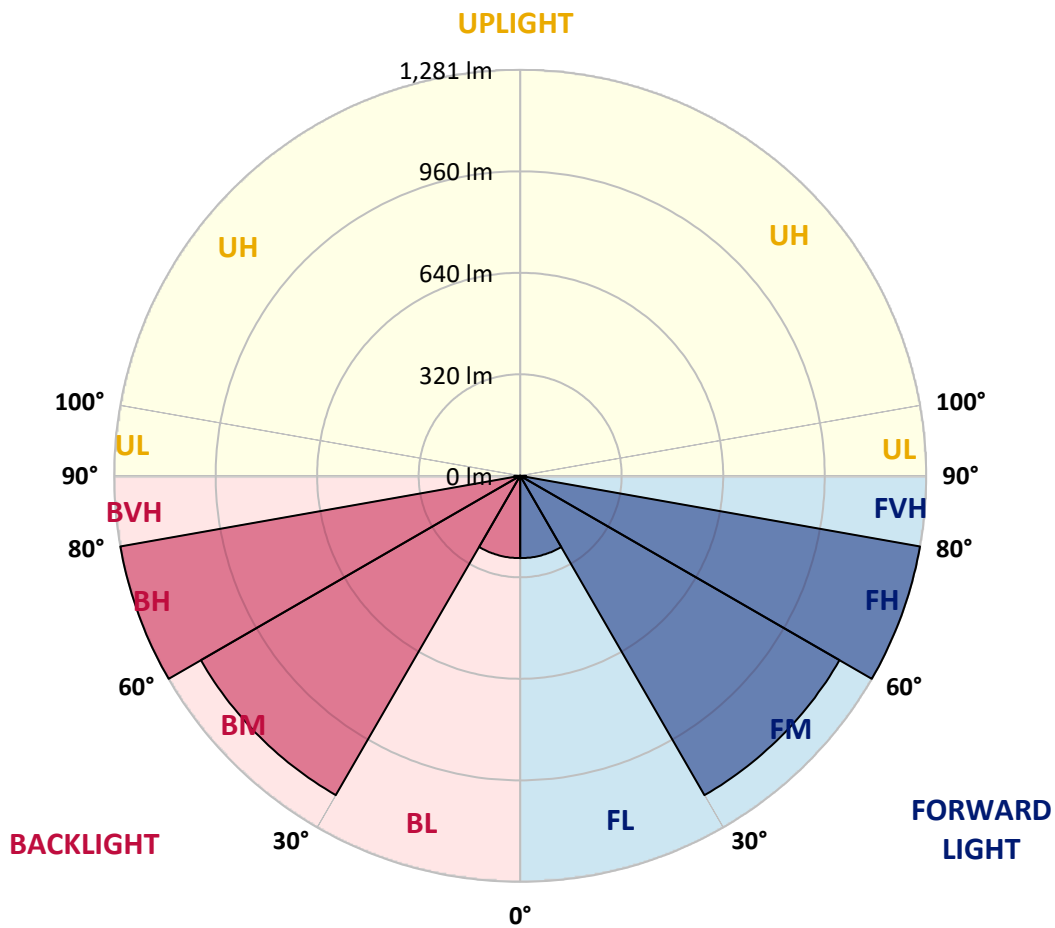
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	259.7	4.8			
FM (30°-60°)	1163.0	21.4			
FH (60°-80°)	1280.6	23.5			G1/1800
FVH (80°-90°)	18.7	0.3			G1/100
BL (0°-30°)	259.7	4.8	B1/500		
BM (30°-60°)	1163.0	21.4	B2/2500		
BH (60°-80°)	1280.6	23.5	B3/2500		G1/1800
BVH (80°-90°)	18.7	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°	495.7
2.5°	497.1
5°	501.6
7.5°	507.5
10°	516.4
12.5°	535.7
15°	562.4
17.5°	589.2
20°	611.4
22.5°	633.7
25°	661.9
27.5°	697.5
30°	731.6
32.5°	765.7
35°	802.8
37.5°	832.5
40°	866.7
42.5°	908.2
45°	955.7
47.5°	1009.1
50°	1065.5
52.5°	1124.9
55°	1190.2
57.5°	1264.4
60°	1351.9
62.5°	1464.7
65°	1586.4
67.5°	1656.2
70°	1601.2
72.5°	1371.2
75°	1070.0
77.5°	584.7
80°	139.5
82.5°	43.0
85°	20.8
87.5°	4.5
90°	0.0

(END OF REPORT)