

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: P853359

Luminaire Tested: **CRTK-N-30-740-U-T5R-CNR**

Issue Date: 7/11/2024

**Test Information**

Test Method: LM-79-08  
Report Number: P853359  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 7/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK-N-30-740-U-T5R-CNR  
Description:  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

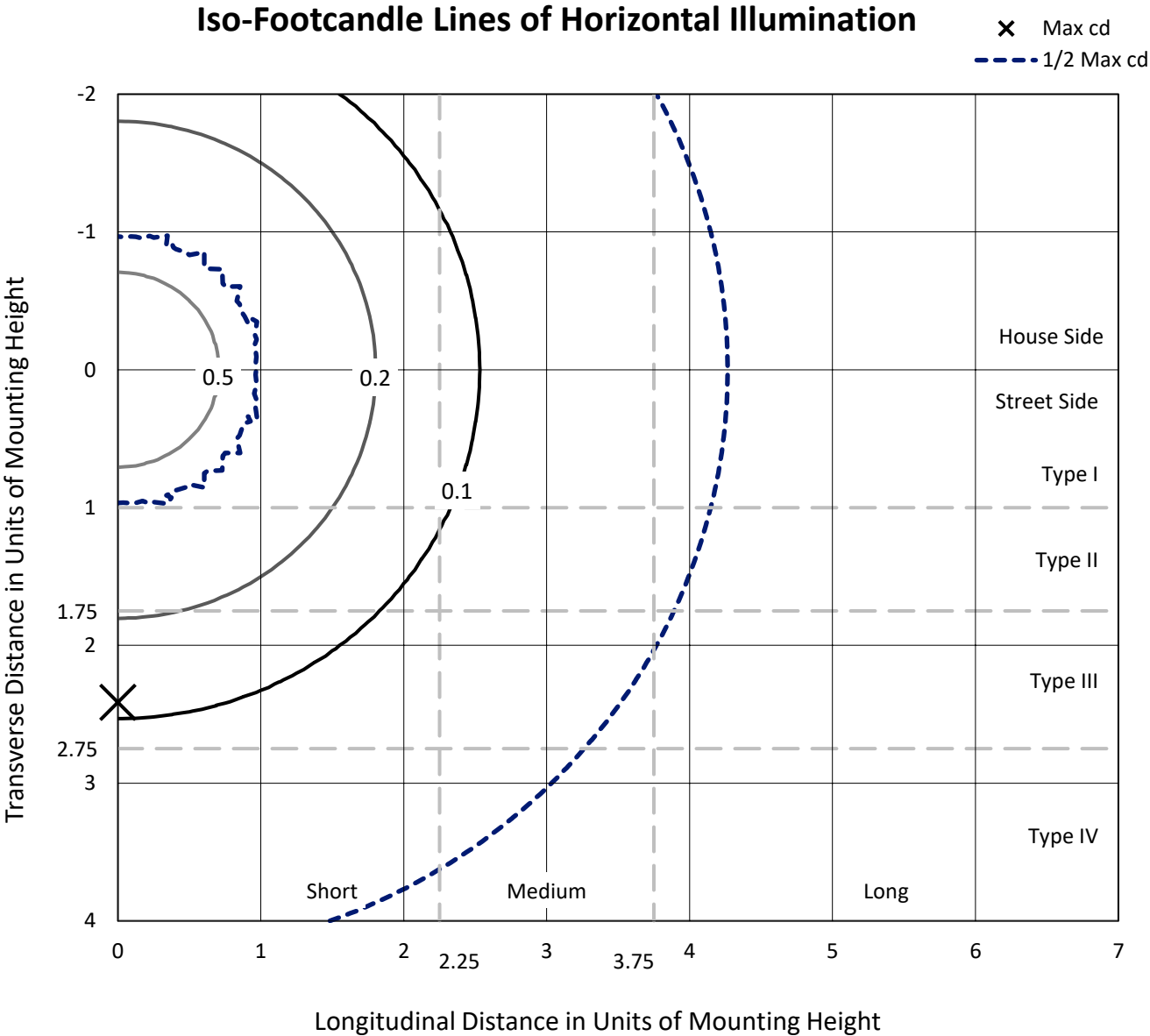
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4617 lumens  
Efficiency: N/A  
Efficacy: 142.9 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.25')  
IES Classification: Type V - Short  
BUG Rating: B3 - U3 - G2

Input Watts (W): 32.3  
Input Voltage (V): 120.0  
Input Current (Ain): 0.271  
Voltage Rise (V): NR  
Power Factor: 0.993  
Total Harmonic Distortion (THDi): 10.1%  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

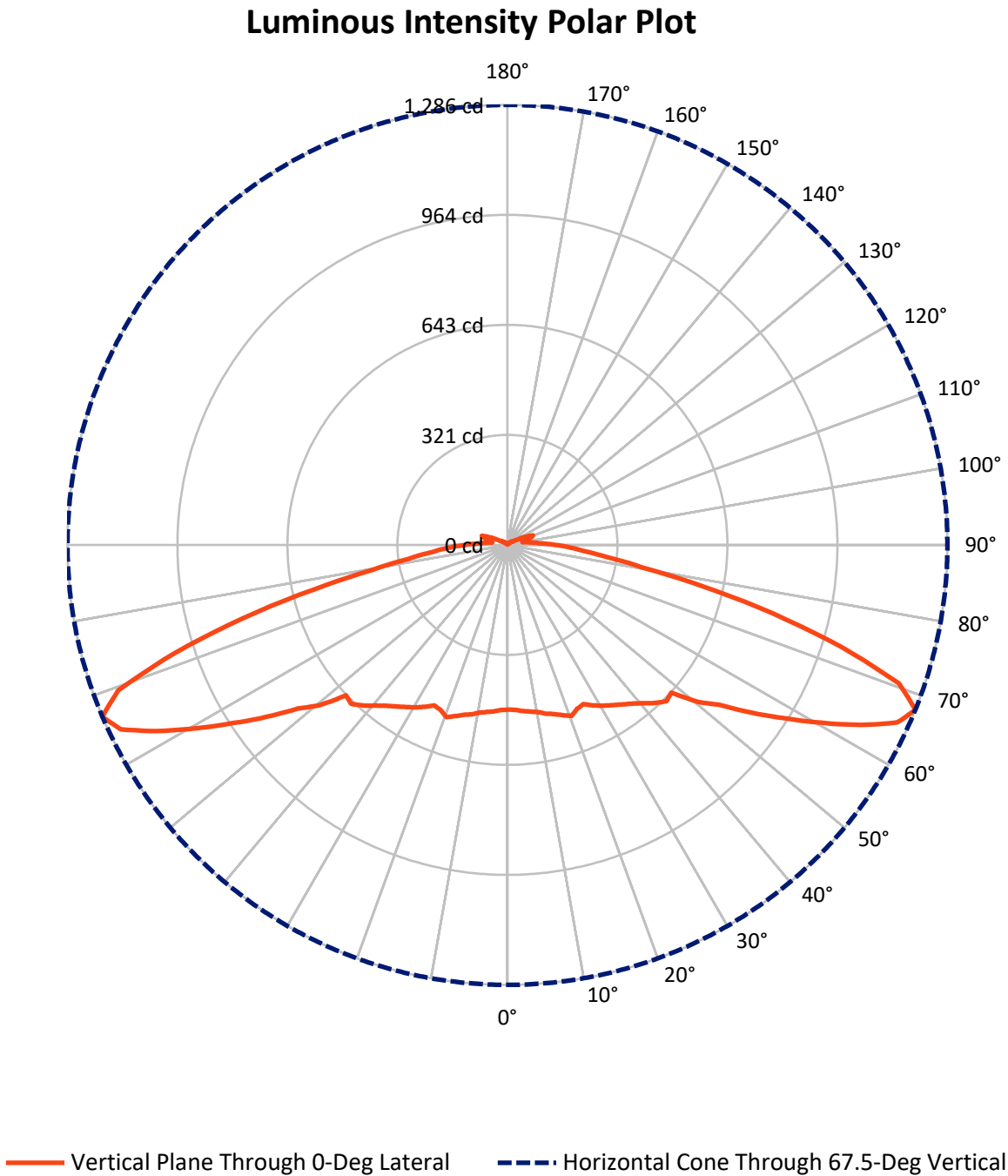


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Based on 25 foot mounting height. Maximum calculated value = 0.8 fc  
Type V - Short - N/A

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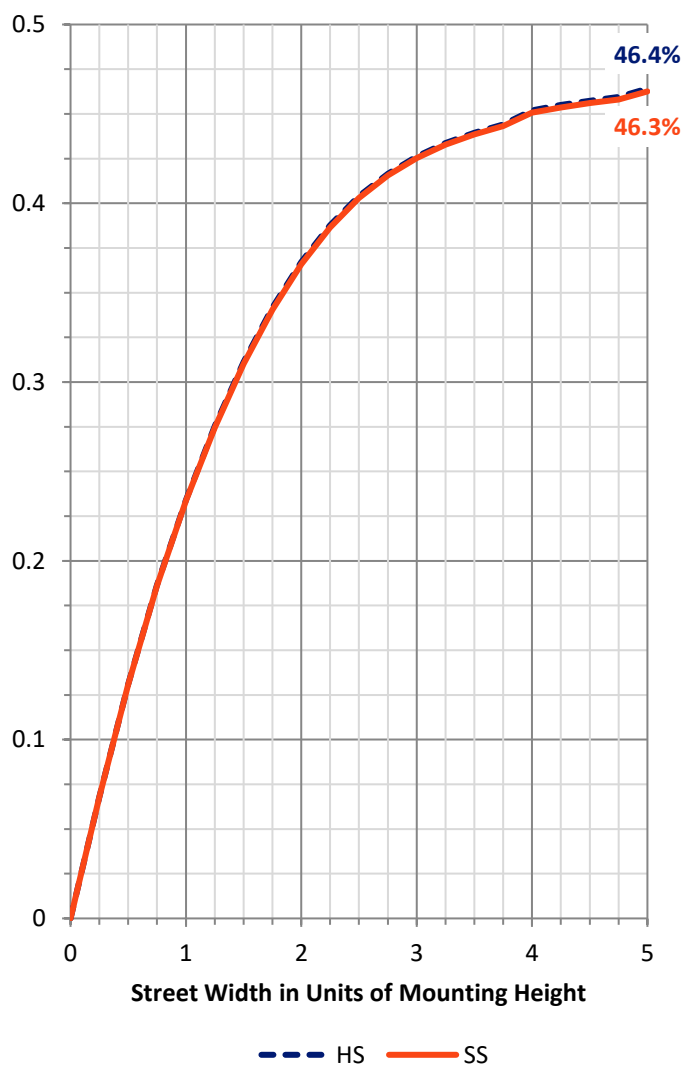
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 2196.4   | 112.1  | 2308.5 |
|                    | % Fixture | 47.6     | 2.4    | 50.0   |
| <b>Street Side</b> | Lumens    | 2196.4   | 112.1  | 2308.5 |
|                    | % Fixture | 47.6     | 2.4    | 50.0   |
| <b>Total</b>       | Lumens    | 4392.8   | 224.1  | 4617.0 |
|                    | % Fixture | 95.1     | 4.9    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 46.8   | 1.0       |
| 10°-20°   | 146.3  | 3.2       |
| 20°-30°   | 244.0  | 5.3       |
| 30°-40°   | 361.5  | 7.8       |
| 40°-50°   | 502.7  | 10.9      |
| 50°-60°   | 785.0  | 17.0      |
| 60°-70°   | 1200.1 | 26.0      |
| 70°-80°   | 846.0  | 18.3      |
| 80°-90°   | 260.4  | 5.6       |
| 90°-100°  | 83.9   | 1.8       |
| 100°-110° | 62.6   | 1.4       |
| 110°-120° | 49.5   | 1.1       |
| 120°-130° | 15.5   | 0.3       |
| 130°-140° | 7.2    | 0.2       |
| 140°-150° | 3.3    | 0.1       |
| 150°-160° | 1.6    | 0.0       |
| 160°-170° | 0.5    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-90°    | 4392.8 | 95.1      |
| 0°-180°   | 4617.0 | 100.0     |

**Coefficient of Utilization**



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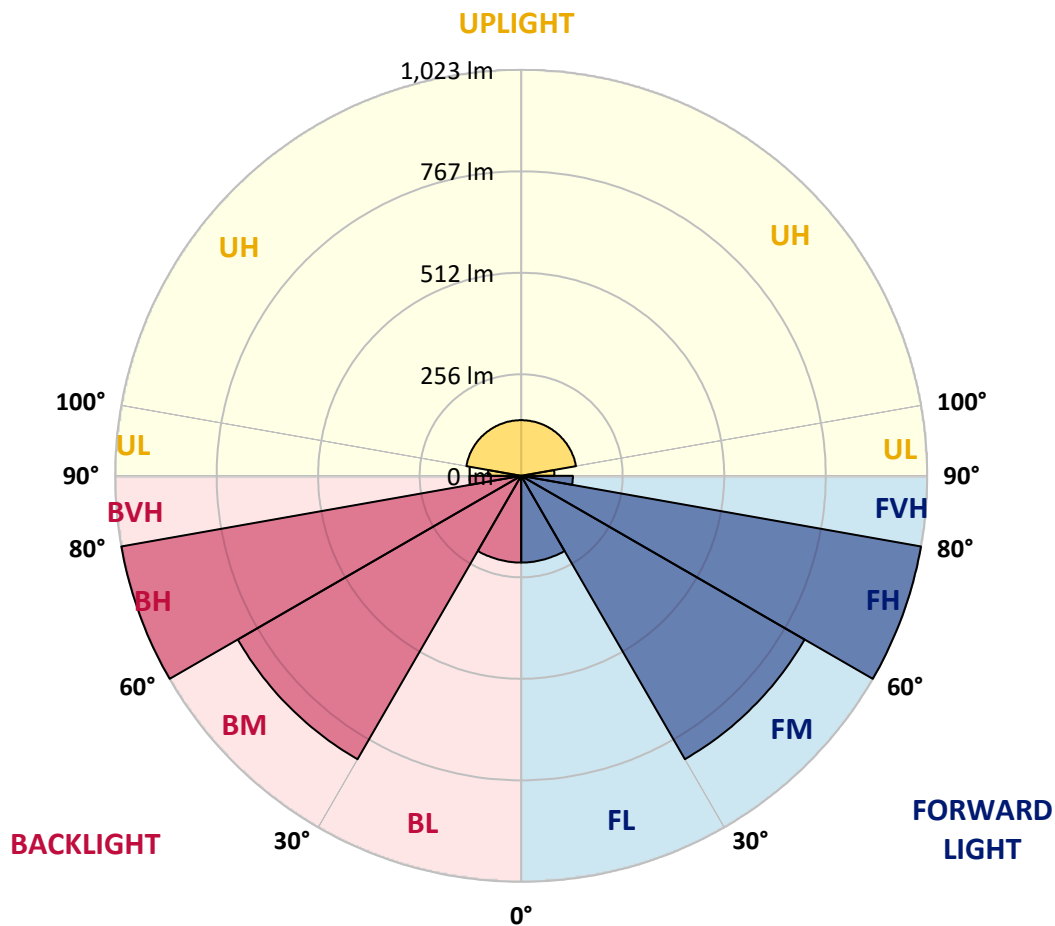
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 218.5  | 4.7       |                         |        |         |
| FM   | (30°-60°)   | 824.6  | 17.9      |                         |        |         |
| FH   | (60°-80°)   | 1023.0 | 22.2      |                         |        | G1/1800 |
| FVH  | (80°-90°)   | 130.2  | 2.8       |                         |        | G2/225  |
| BL   | (0°-30°)    | 218.5  | 4.7       | B1/500                  |        |         |
| BM   | (30°-60°)   | 824.6  | 17.9      | B1/1000                 |        |         |
| BH   | (60°-80°)   | 1023.0 | 22.2      | B3/2500                 |        | G1/1800 |
| BVH  | (80°-90°)   | 130.2  | 2.8       |                         |        | G2/225  |
| UL   | (90°-100°)  | 83.9   | 1.8       |                         | U3/500 |         |
| UH   | (100°-180°) | 140.2  | 3.0       |                         | U3/500 |         |

**BUG Rating: B3-U3-G2**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

| 0°     |        |
|--------|--------|
| 0°     | 481.3  |
| 2.5°   | 482.6  |
| 5°     | 487.9  |
| 7.5°   | 491.8  |
| 10°    | 497.0  |
| 12.5°  | 506.2  |
| 15°    | 512.7  |
| 17.5°  | 523.2  |
| 20°    | 533.6  |
| 22.5°  | 520.6  |
| 25°    | 515.3  |
| 27.5°  | 531.0  |
| 30°    | 545.4  |
| 32.5°  | 558.5  |
| 35°    | 572.9  |
| 37.5°  | 588.6  |
| 40°    | 608.2  |
| 42.5°  | 631.7  |
| 45°    | 651.4  |
| 47.5°  | 644.8  |
| 50°    | 720.7  |
| 52.5°  | 776.9  |
| 55°    | 865.9  |
| 57.5°  | 956.1  |
| 60°    | 1055.5 |
| 62.5°  | 1158.8 |
| 65°    | 1251.7 |
| 67.5°  | 1285.7 |
| 70°    | 1213.8 |
| 72.5°  | 1020.2 |
| 75°    | 801.8  |
| 77.5°  | 582.0  |
| 80°    | 400.2  |
| 82.5°  | 291.7  |
| 85°    | 222.3  |
| 87.5°  | 176.6  |
| 90°    | 130.8  |
| 92.5°  | 92.9   |
| 95°    | 71.9   |
| 97.5°  | 54.9   |
| 100°   | 44.5   |
| 102.5° | 45.8   |
| 105°   | 56.2   |
| 107.5° | 73.2   |
| 110°   | 79.8   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   |
|--------|------|
| 112.5° | 64.1 |
| 115°   | 49.7 |
| 117.5° | 32.7 |
| 120°   | 23.5 |
| 122.5° | 19.6 |
| 125°   | 17.0 |
| 127.5° | 14.4 |
| 130°   | 11.8 |
| 132.5° | 10.5 |
| 135°   | 9.2  |
| 137.5° | 7.8  |
| 140°   | 6.5  |
| 142.5° | 5.2  |
| 145°   | 5.2  |
| 147.5° | 5.2  |
| 150°   | 3.9  |
| 152.5° | 3.9  |
| 155°   | 3.9  |
| 157.5° | 2.6  |
| 160°   | 2.6  |
| 162.5° | 2.6  |
| 165°   | 2.6  |
| 167.5° | 0.0  |
| 170°   | 0.0  |
| 172.5° | 0.0  |
| 175°   | 0.0  |
| 177.5° | 0.0  |
| 180°   | 0.0  |

(END OF REPORT)