

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: P691449

Luminaire Tested: **CRTK2-C016-5TLD-U-T5R-7030-U0**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691449  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C016-5TLD-U-T5R-7030-U0  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 3000K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6326.9 lumens  
Efficiency: N/A  
Efficacy: 147.8 lumens/watt  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

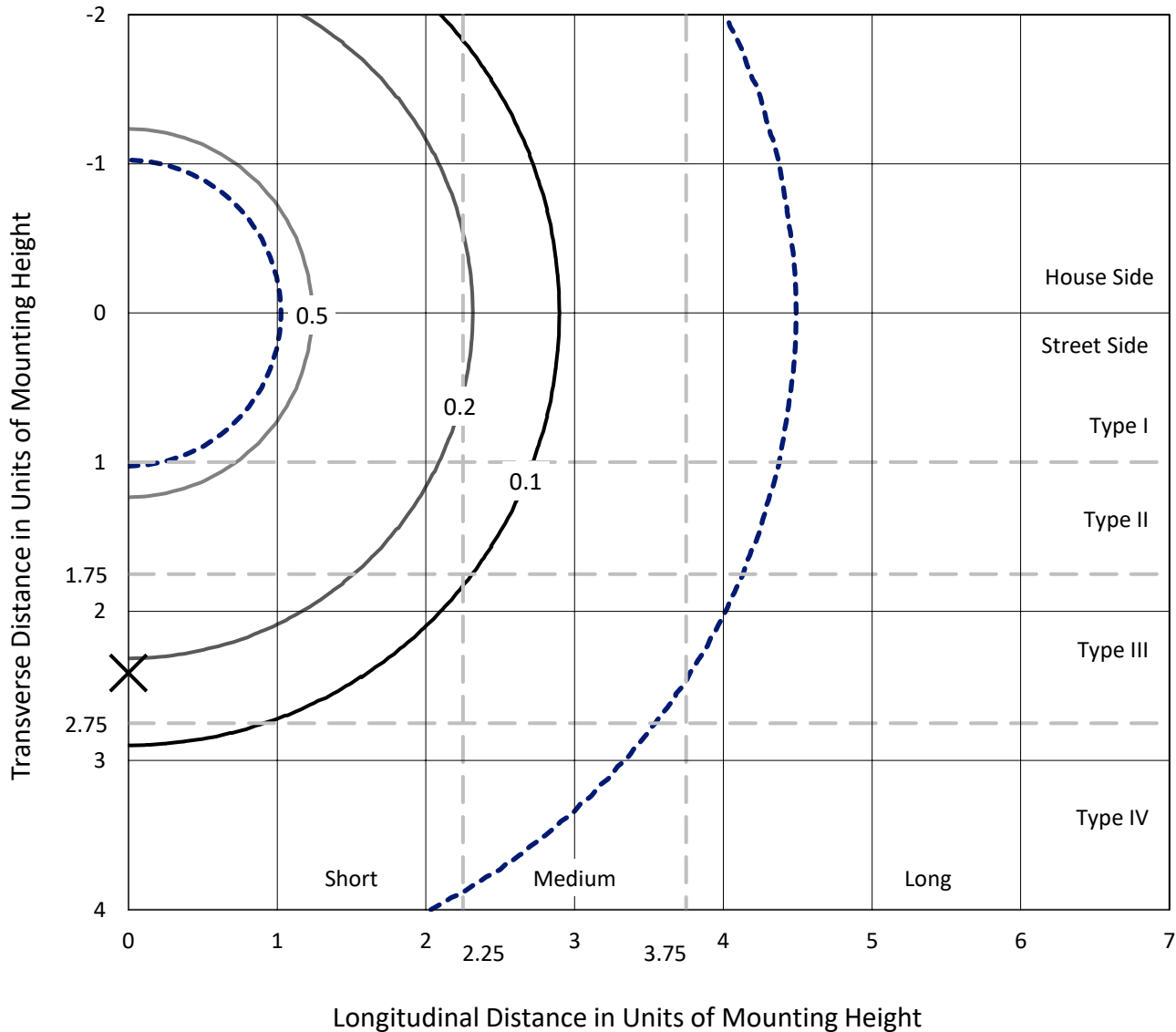
Input Watts (W): 42.8  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

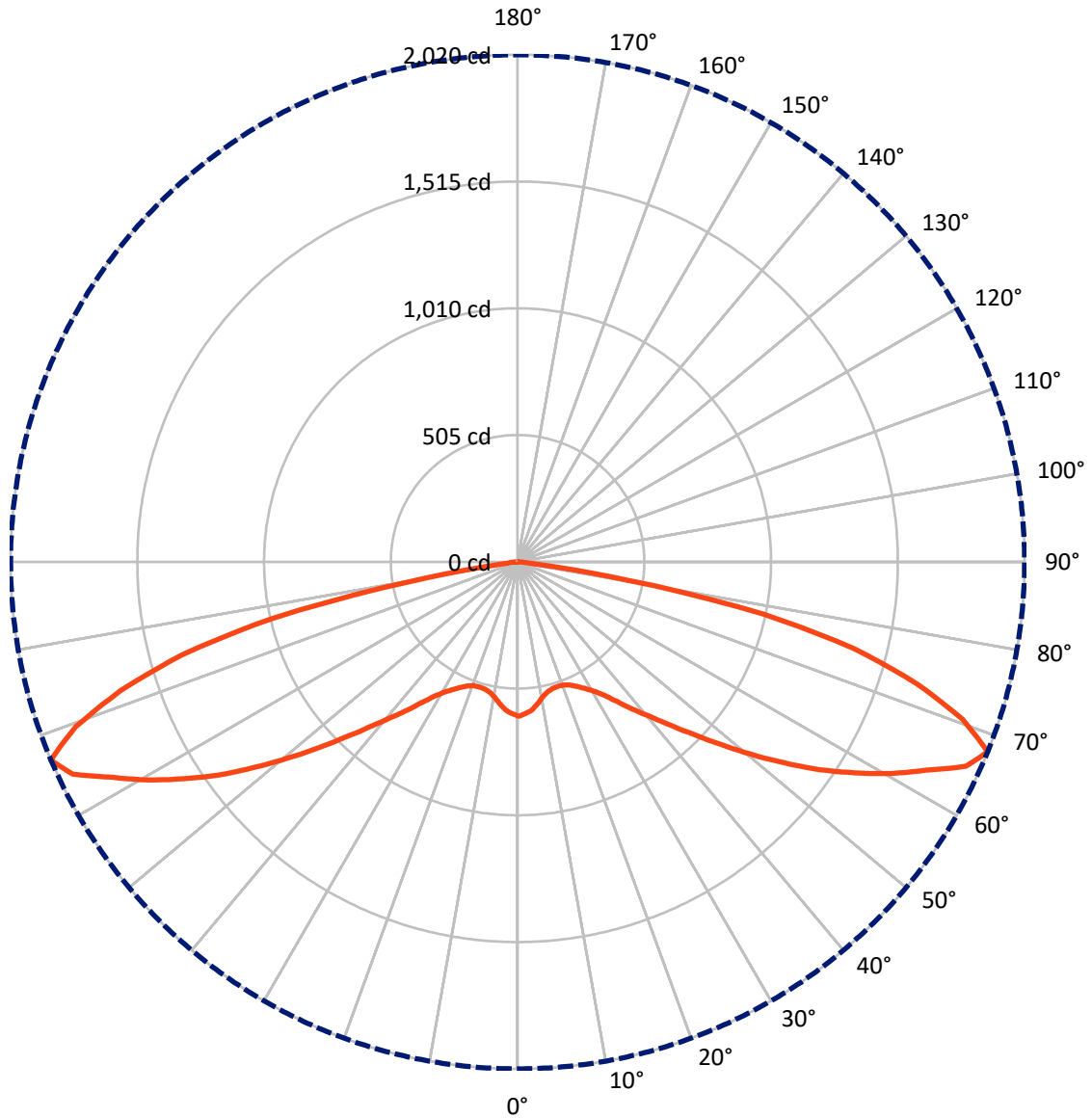
× Max cd  
 - - - 1/2 Max cd



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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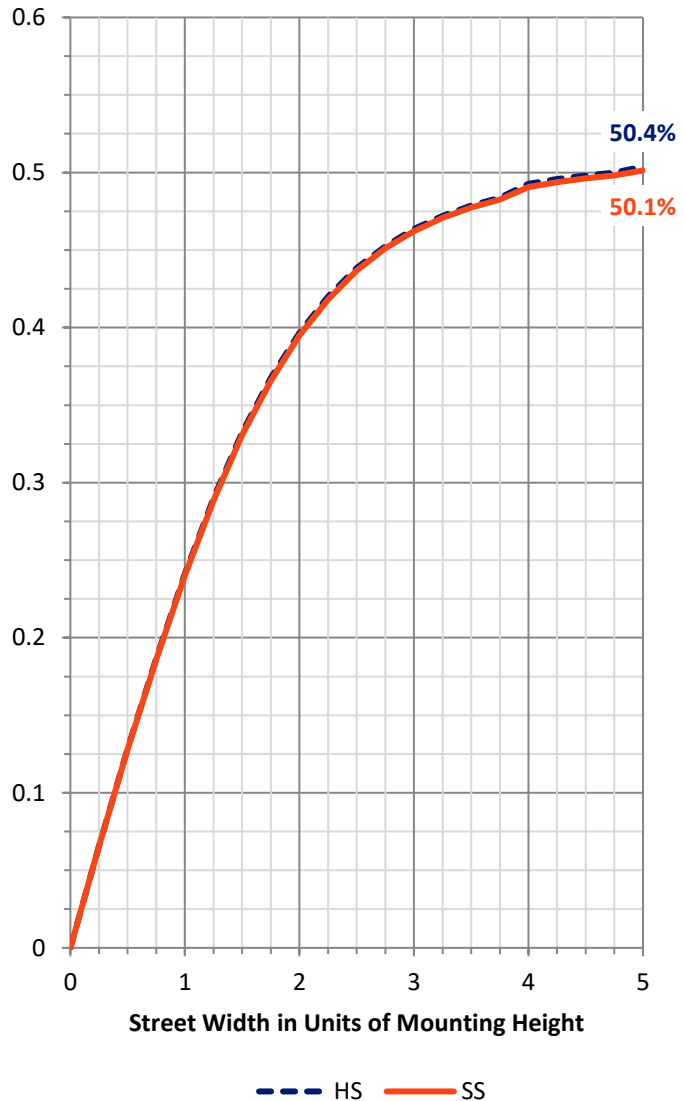
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3163.5	0.0	3163.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3163.5	0.0	3163.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6326.9	0.0	6326.9
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	55.1	0.9
10°-20°	149.3	2.4
20°-30°	257.3	4.1
30°-40°	436.9	6.9
40°-50°	770.9	12.2
50°-60°	1313.7	20.8
60°-70°	1889.6	29.9
70°-80°	1374.0	21.7
80°-90°	80.2	1.3
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°	6326.9	100.0
0°-180°	6326.9	100.0

**Coefficient of Utilization**



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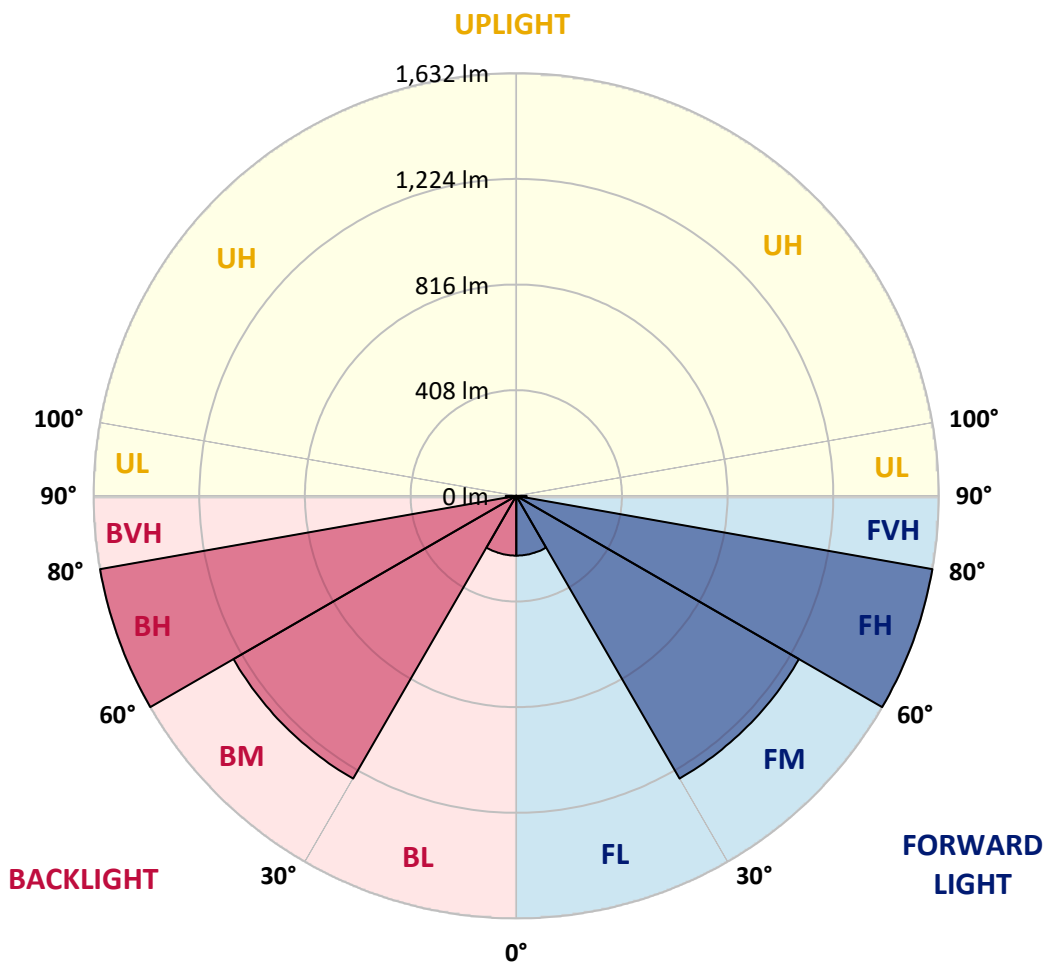
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	230.9	3.6			
FM (30°-60°)	1260.7	19.9			
FH (60°-80°)	1631.8	25.8			G1/1800
FVH (80°-90°)	40.1	0.6			G1/100
BL (0°-30°)	230.9	3.6	B1/500		
BM (30°-60°)	1260.7	19.9	B2/2500		
BH (60°-80°)	1631.8	25.8	B3/2500		G1/1800
BVH (80°-90°)	40.1	0.6			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°	615.3
2.5°	605.4
5°	593.4
7.5°	571.4
10°	547.4
12.5°	531.4
15°	523.4
17.5°	521.4
20°	523.4
22.5°	533.4
25°	549.4
27.5°	571.4
30°	597.4
32.5°	633.3
35°	683.3
37.5°	745.2
40°	809.1
42.5°	887.1
45°	979.0
47.5°	1086.8
50°	1204.7
52.5°	1330.6
55°	1462.4
57.5°	1586.3
60°	1712.2
62.5°	1828.1
65°	1963.9
67.5°	2019.8
70°	1880.0
72.5°	1664.2
75°	1386.5
77.5°	1000.9
80°	447.5
82.5°	57.9
85°	12.0
87.5°	2.0
90°	0.0

(END OF REPORT)