

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: P691555

Luminaire Tested: **CRTK2-C016-D-U-T5R-7050-U0**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691555  
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-D-U-T5R-7050-U0  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5000K LED WITH TYPE V ROUND OPTIC AND UO SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6273 lumens  
Efficiency: N/A  
Efficacy: 150.8 lumens/watt  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1

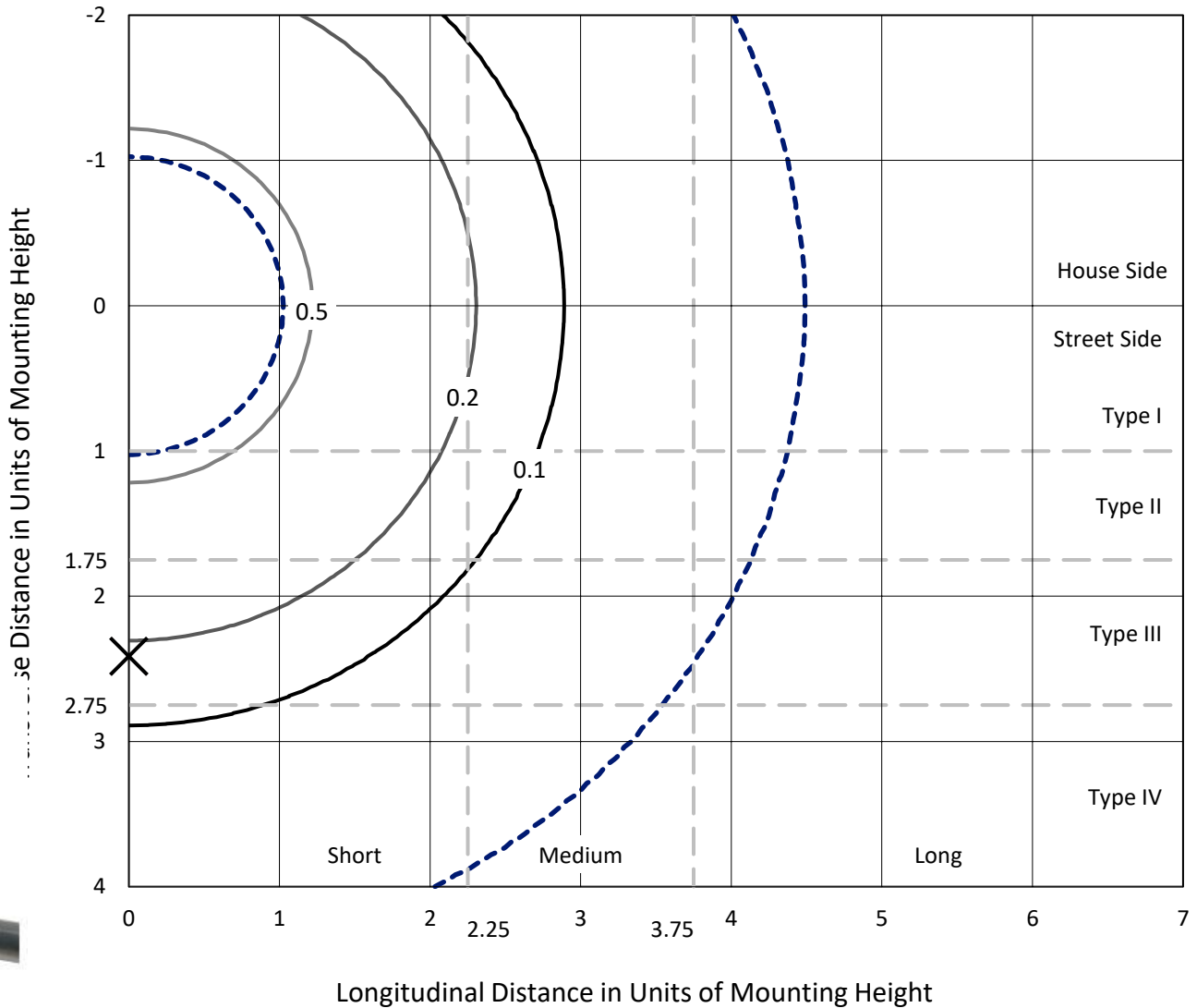
Input Watts (W): 41.6  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

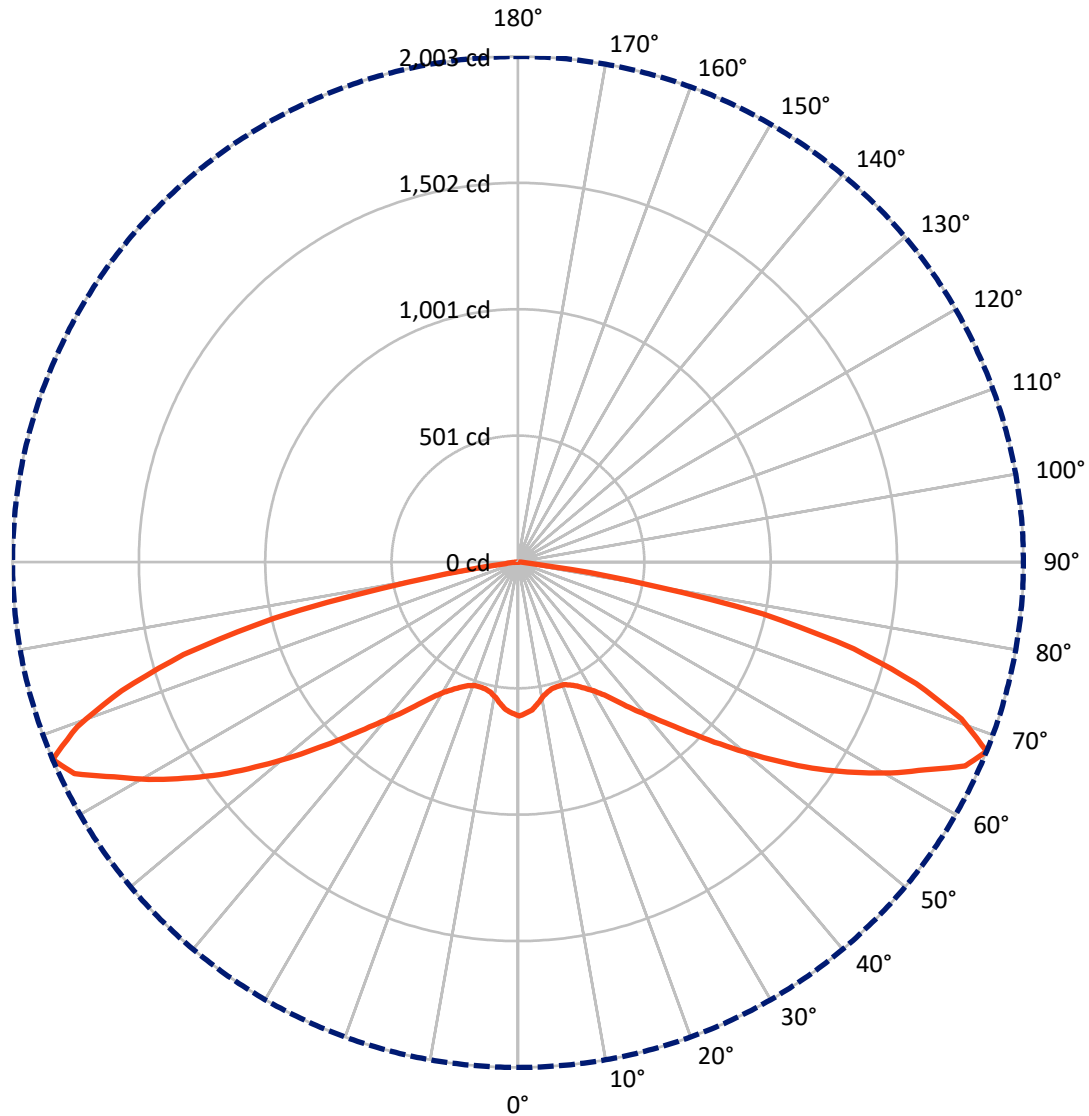
× Max cd  
 - - - 1/2 Max cd



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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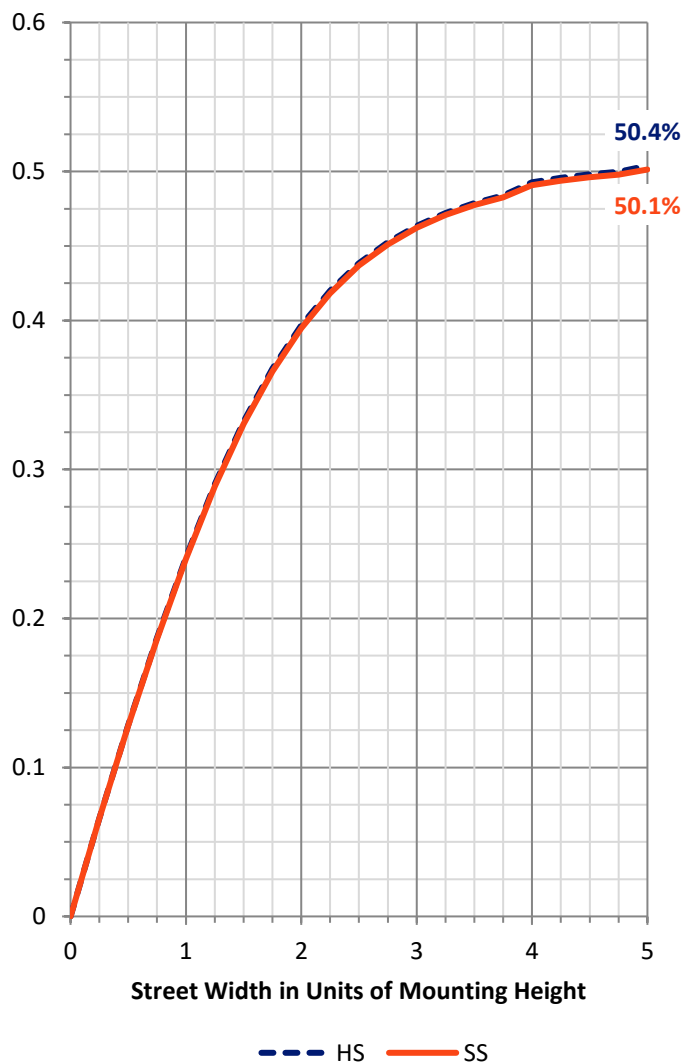
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	3136.5	0.0	3136.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	3136.5	0.0	3136.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	6273.0	0.0	6273.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	54.6	0.9
10°-20°	148.1	2.4
20°-30°	255.1	4.1
30°-40°	433.2	6.9
40°-50°	764.3	12.2
50°-60°	1302.5	20.8
60°-70°	1873.5	29.9
70°-80°	1362.3	21.7
80°-90°	79.5	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°	6273.0	100.0
0°-180°	6273.0	100.0

**Coefficient of Utilization**



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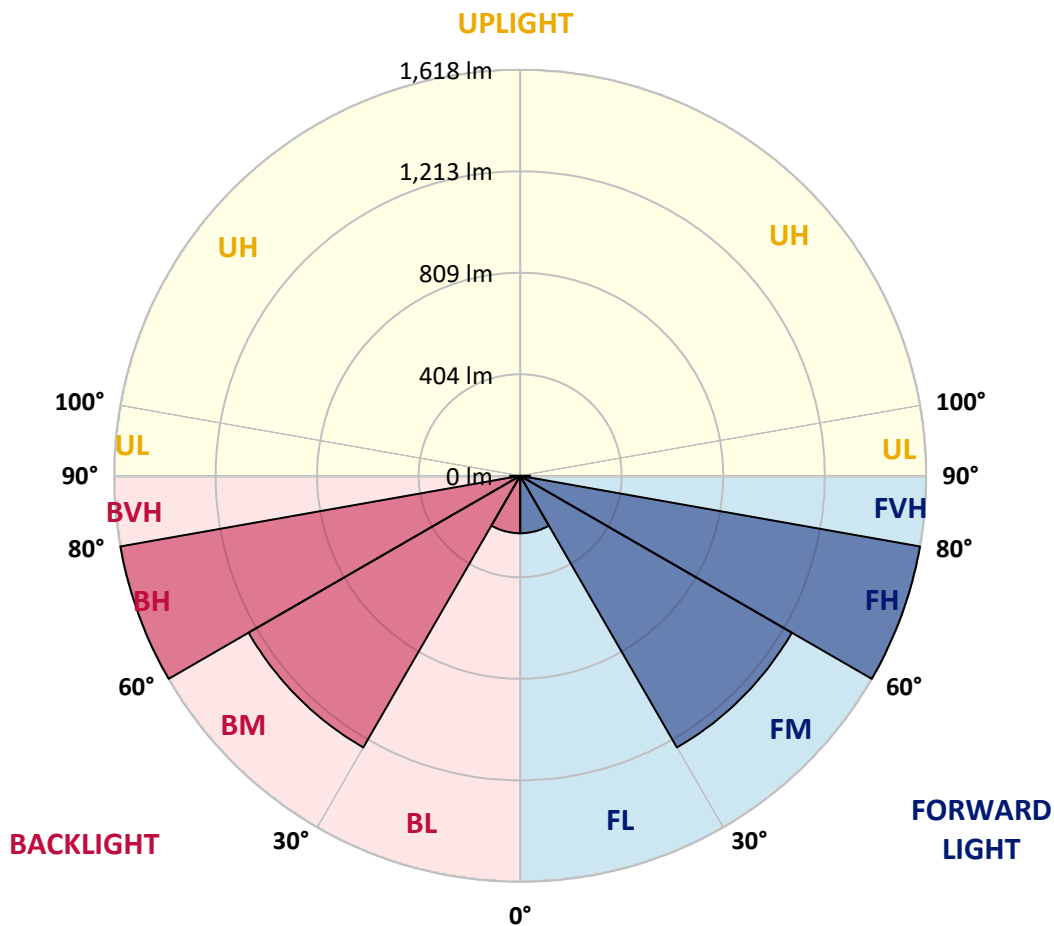
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	228.9	3.6			
FM (30°-60°)	1250.0	19.9			
FH (60°-80°)	1617.9	25.8			G1/1800
FVH (80°-90°)	39.8	0.6			G1/100
BL (0°-30°)	228.9	3.6	B1/500		
BM (30°-60°)	1250.0	19.9	B2/2500		
BH (60°-80°)	1617.9	25.8	B3/2500		G1/1800
BVH (80°-90°)	39.8	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°	610.1
2.5°	600.2
5°	588.3
7.5°	566.5
10°	542.7
12.5°	526.9
15°	519.0
17.5°	517.0
20°	519.0
22.5°	528.9
25°	544.7
27.5°	566.5
30°	592.3
32.5°	627.9
35°	677.4
37.5°	738.8
40°	802.2
42.5°	879.5
45°	970.6
47.5°	1077.6
50°	1194.4
52.5°	1319.2
55°	1450.0
57.5°	1572.8
60°	1697.6
62.5°	1812.5
65°	1947.1
67.5°	2002.6
70°	1864.0
72.5°	1650.0
75°	1374.7
77.5°	992.4
80°	443.7
82.5°	57.4
85°	11.9
87.5°	2.0
90°	0.0

(END OF REPORT)