

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: P691831

Luminaire Tested: **CRTK2-C01H-5TLD-U-T5R-7050-U0**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P691831  
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-C01H-5TLD-U-T5R-7050-U0  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 5000K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10713 lumens  
Efficiency: N/A  
Efficacy: 143.0 lumens/watt  
Luminous Opening: Circular (Dia: 0.33' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G2

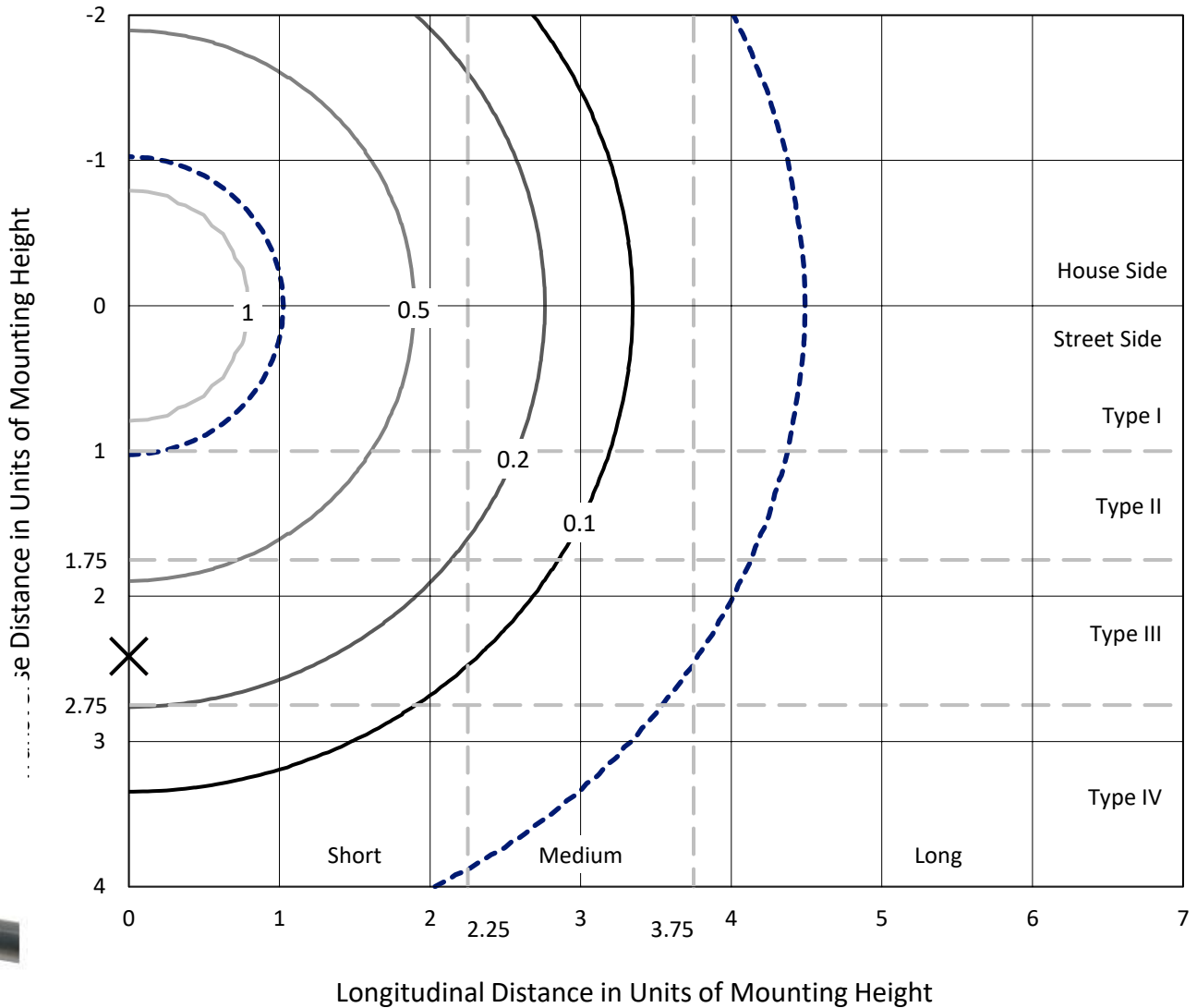
Input Watts (W): 74.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

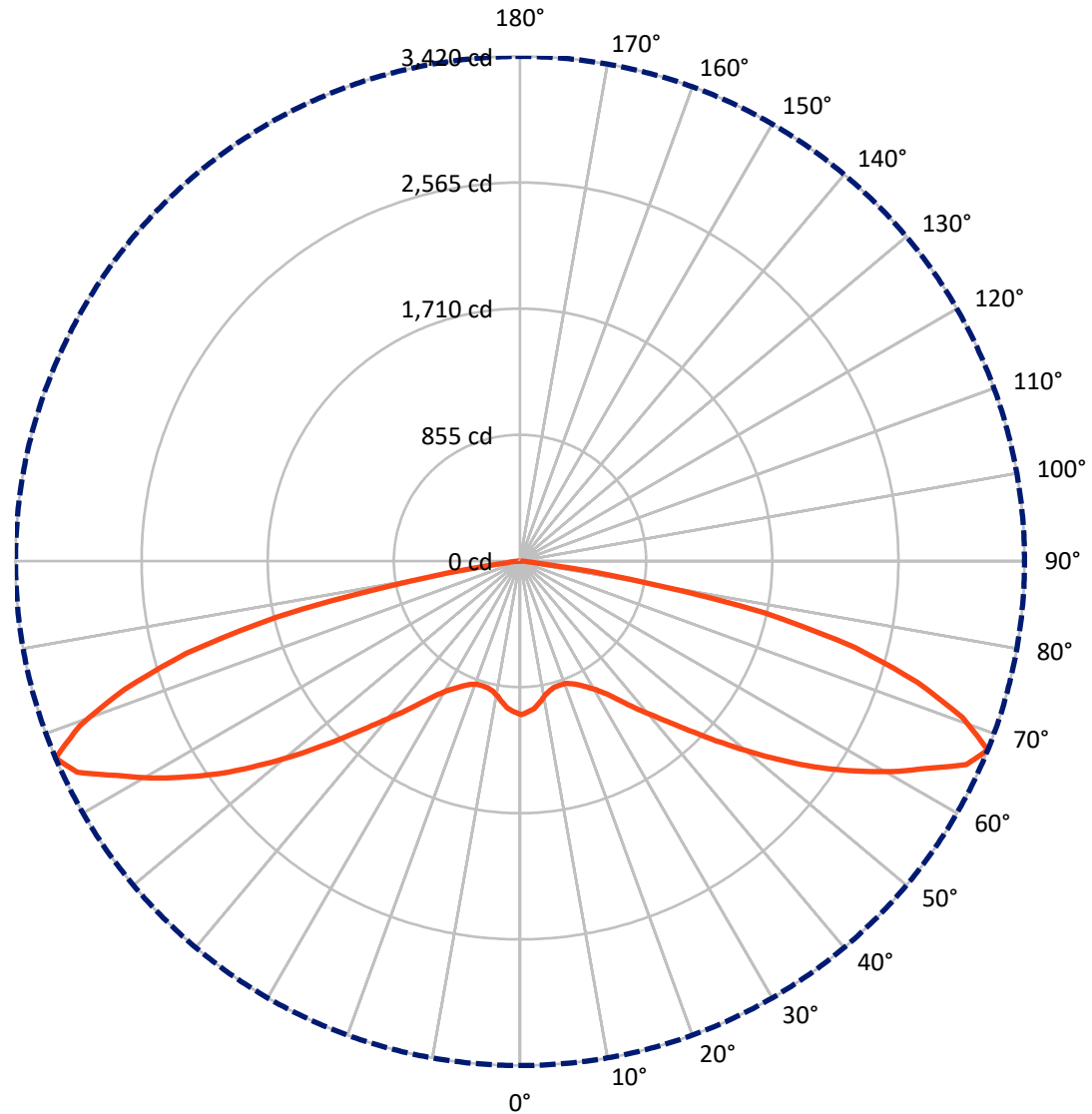
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.7 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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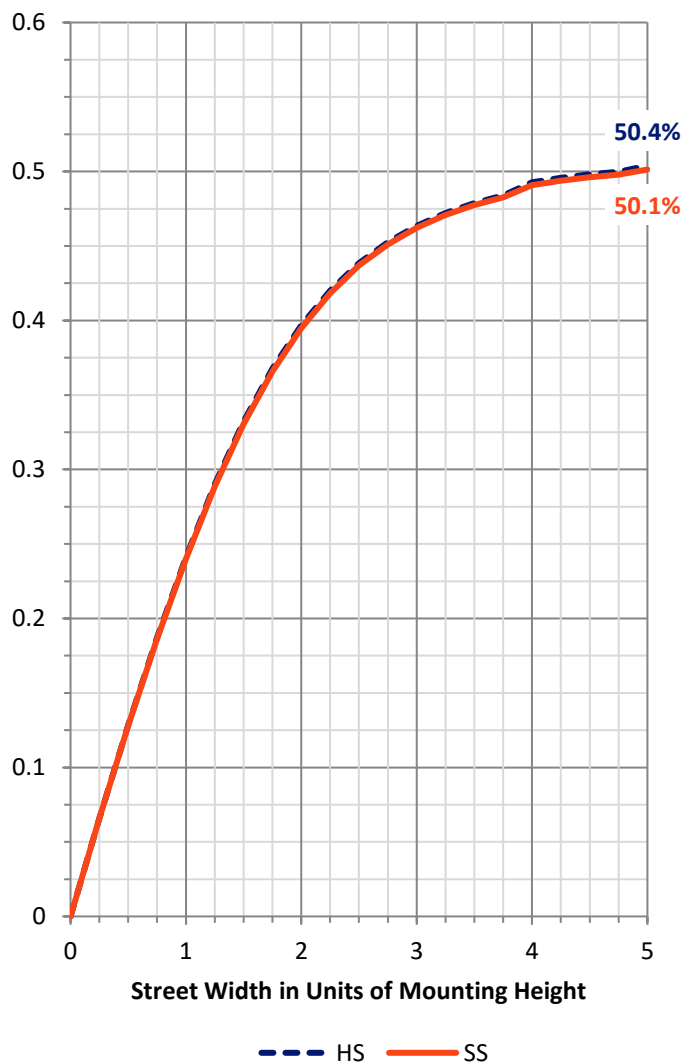
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5356.5	0.0	5356.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5356.5	0.0	5356.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	10713.0	0.0	10713.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	93.3	0.9
10°-20°	252.8	2.4
20°-30°	435.6	4.1
30°-40°	739.8	6.9
40°-50°	1305.2	12.2
50°-60°	2224.4	20.8
60°-70°	3199.4	29.9
70°-80°	2326.6	21.7
80°-90°	135.8	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°	10713.0	100.0
0°-180°	10713.0	100.0

**Coefficient of Utilization**



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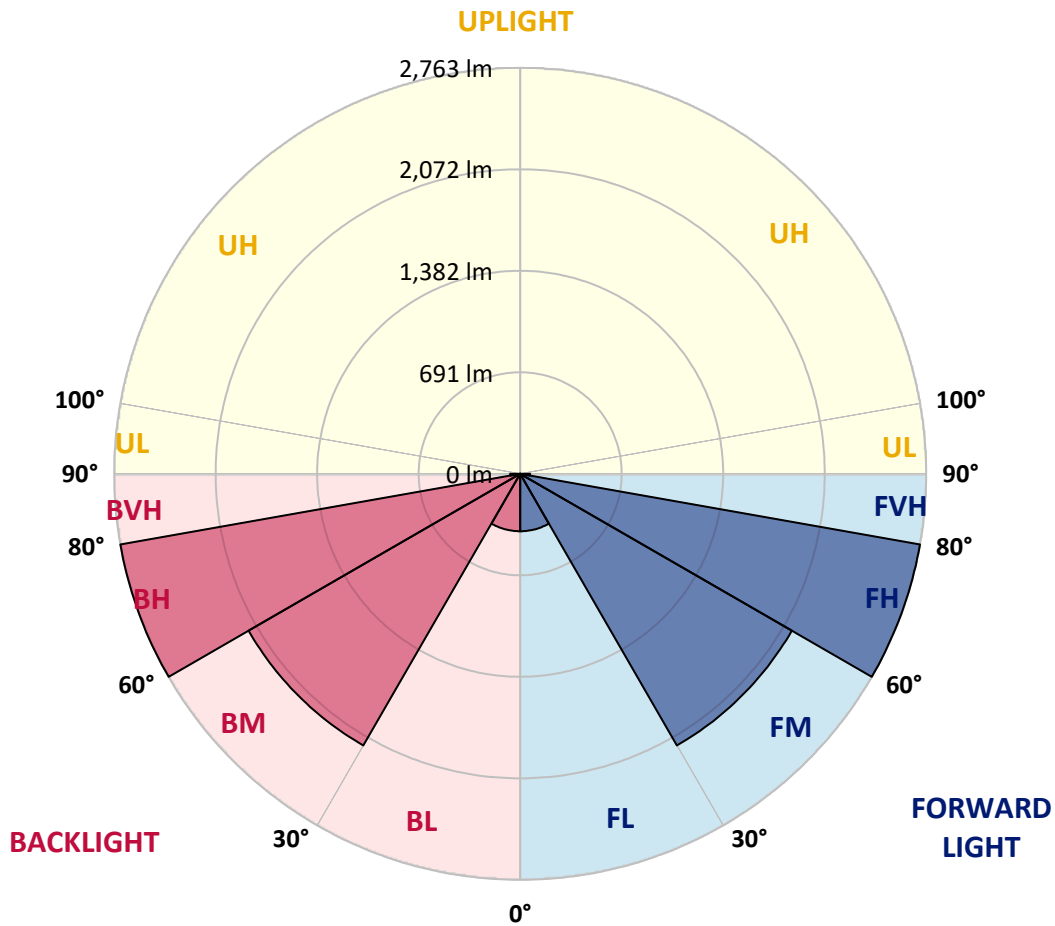
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	390.9	3.6			
FM (30°-60°)	2134.7	19.9			
FH (60°-80°)	2763.0	25.8			G2/5000
FVH (80°-90°)	67.9	0.6			G1/100
BL (0°-30°)	390.9	3.6	B1/500		
BM (30°-60°)	2134.7	19.9	B2/2500		
BH (60°-80°)	2763.0	25.8	B4/5000		G2/5000
BVH (80°-90°)	67.9	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G2**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1041.9
2.5°	1025.0
5°	1004.7
7.5°	967.5
10°	926.9
12.5°	899.8
15°	886.3
17.5°	882.9
20°	886.3
22.5°	903.2
25°	930.3
27.5°	967.5
30°	1011.5
32.5°	1072.4
35°	1156.9
37.5°	1261.8
40°	1370.0
42.5°	1502.0
45°	1657.6
47.5°	1840.3
50°	2039.8
52.5°	2253.0
55°	2476.2
57.5°	2686.0
60°	2899.1
62.5°	3095.3
65°	3325.3
67.5°	3420.0
70°	3183.2
72.5°	2817.9
75°	2347.7
77.5°	1694.8
80°	757.8
82.5°	98.1
85°	20.3
87.5°	3.4
90°	0.0

(END OF REPORT)