

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: P691081

Luminaire Tested: **CRTK2-C013-5TLD-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691081
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-C013-5TLD-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: 3635 lumens
Efficiency: N/A
Efficacy: 156.7 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 23.2
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

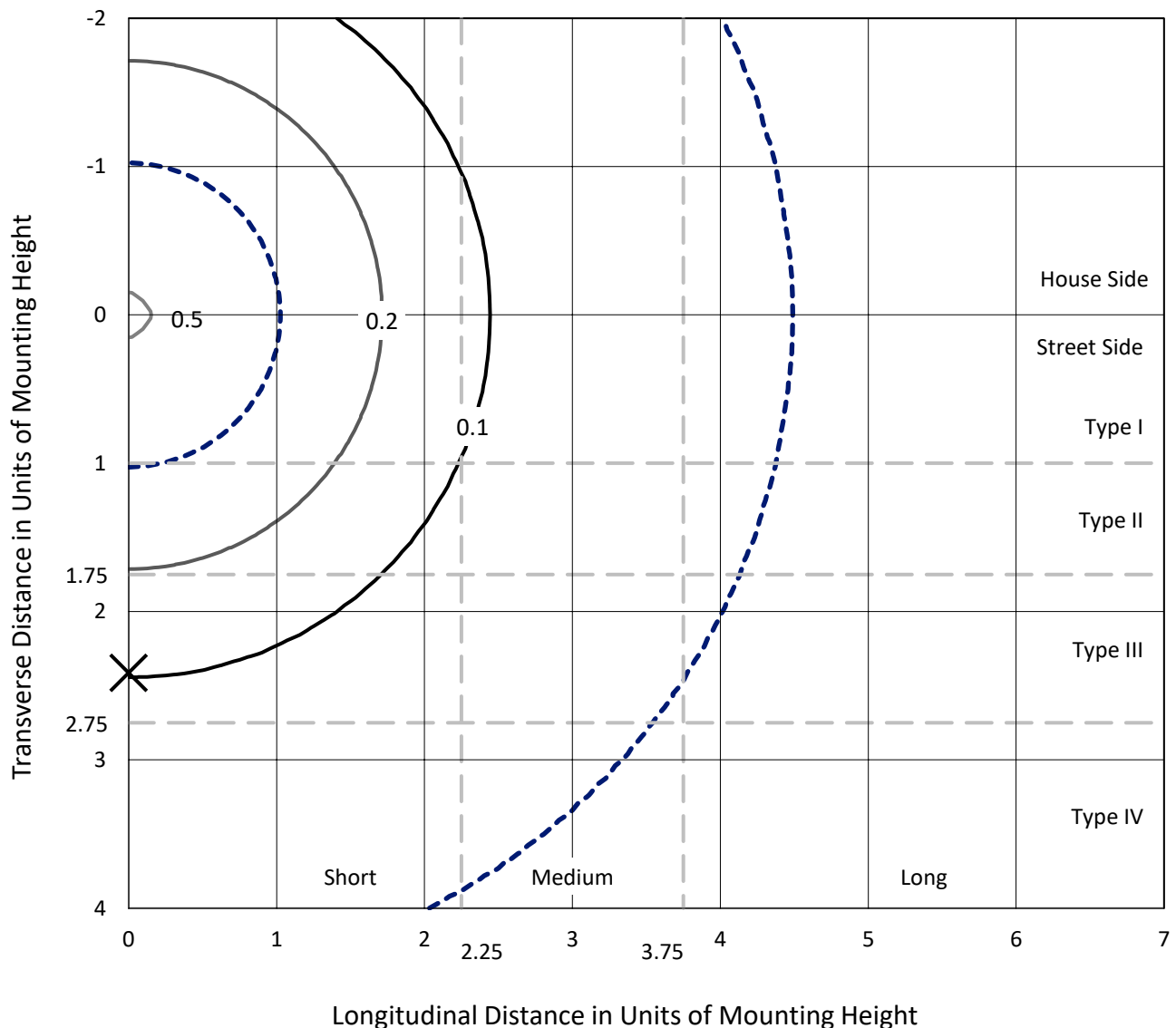


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Iso-Footcandle Lines of Horizontal Illumination

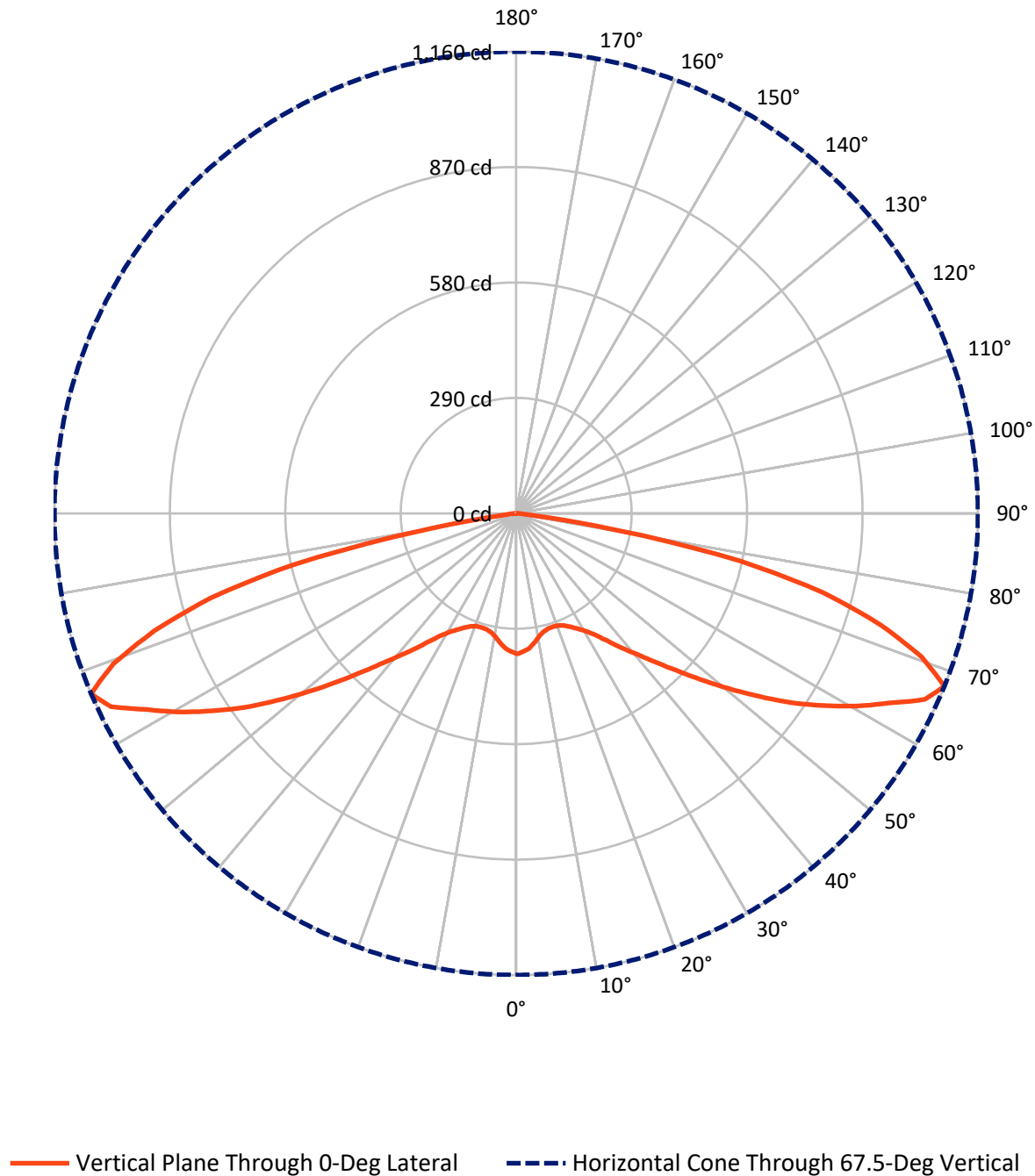
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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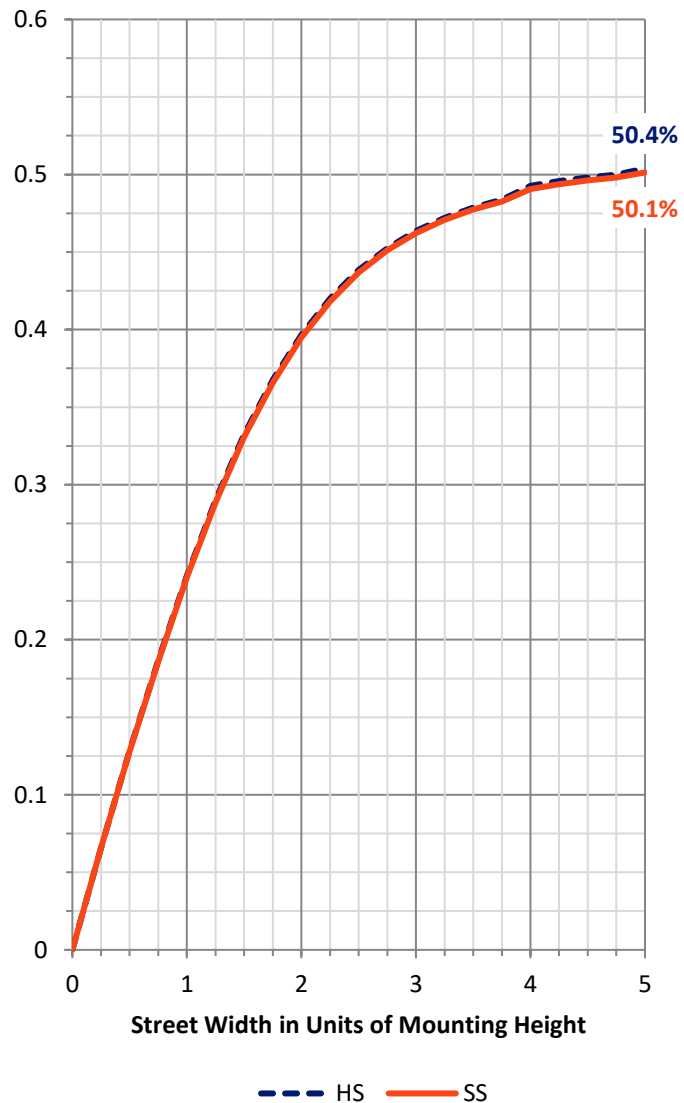
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1817.5	0.0	1817.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1817.5	0.0	1817.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3635.0	0.0	3635.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	0.9
10°-20°	85.8	2.4
20°-30°	147.8	4.1
30°-40°	251.0	6.9
40°-50°	442.9	12.2
50°-60°	754.8	20.8
60°-70°	1085.6	29.9
70°-80°	789.4	21.7
80°-90°	46.1	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°	3635.0	100.0
0°-180°	3635.0	100.0

Coefficient of Utilization



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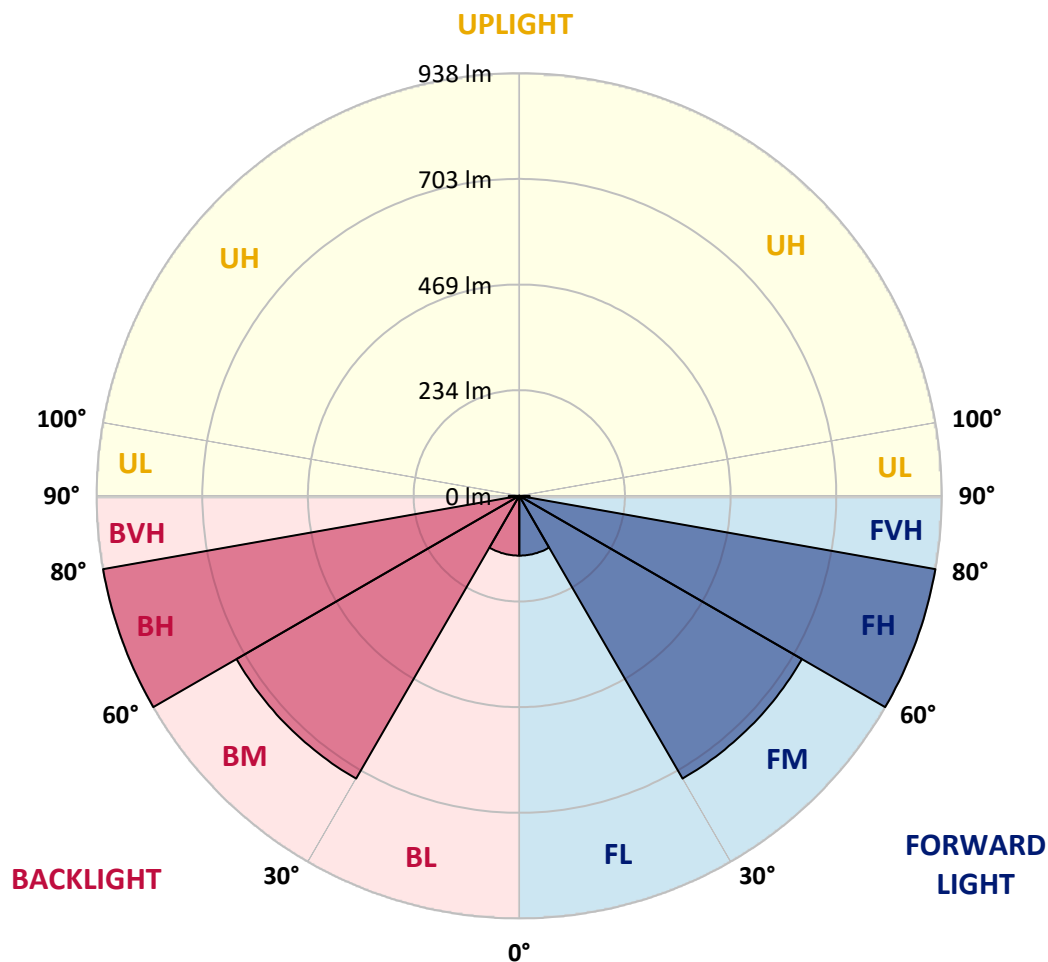
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	132.6	3.6			
FM	(30°-60°)	724.3	19.9			
FH	(60°-80°)	937.5	25.8			G1/1800
FVH	(80°-90°)	23.0	0.6			G1/100
BL	(0°-30°)	132.6	3.6	B1/500		
BM	(30°-60°)	724.3	19.9	B1/1000		
BH	(60°-80°)	937.5	25.8	B2/1000		G1/1800
BVH	(80°-90°)	23.0	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	353.5
2.5°	347.8
5°	340.9
7.5°	328.3
10°	314.5
12.5°	305.3
15°	300.7
17.5°	299.6
20°	300.7
22.5°	306.5
25°	315.7
27.5°	328.3
30°	343.2
32.5°	363.9
35°	392.6
37.5°	428.1
40°	464.9
42.5°	509.6
45°	562.4
47.5°	624.4
50°	692.1
52.5°	764.4
55°	840.2
57.5°	911.4
60°	983.7
62.5°	1050.3
65°	1128.3
67.5°	1160.4
70°	1080.1
72.5°	956.1
75°	796.6
77.5°	575.1
80°	257.1
82.5°	33.3
85°	6.9
87.5°	1.1
90°	0.0

(END OF REPORT)