

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: P690904

Luminaire Tested: **CRTK2-C01-5TLD-U-T5R-7040-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P690904
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-C01-5TLD-U-T5R-7040-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 4000K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9123 lumens
Efficiency: N/A
Efficacy: 152.1 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 60
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

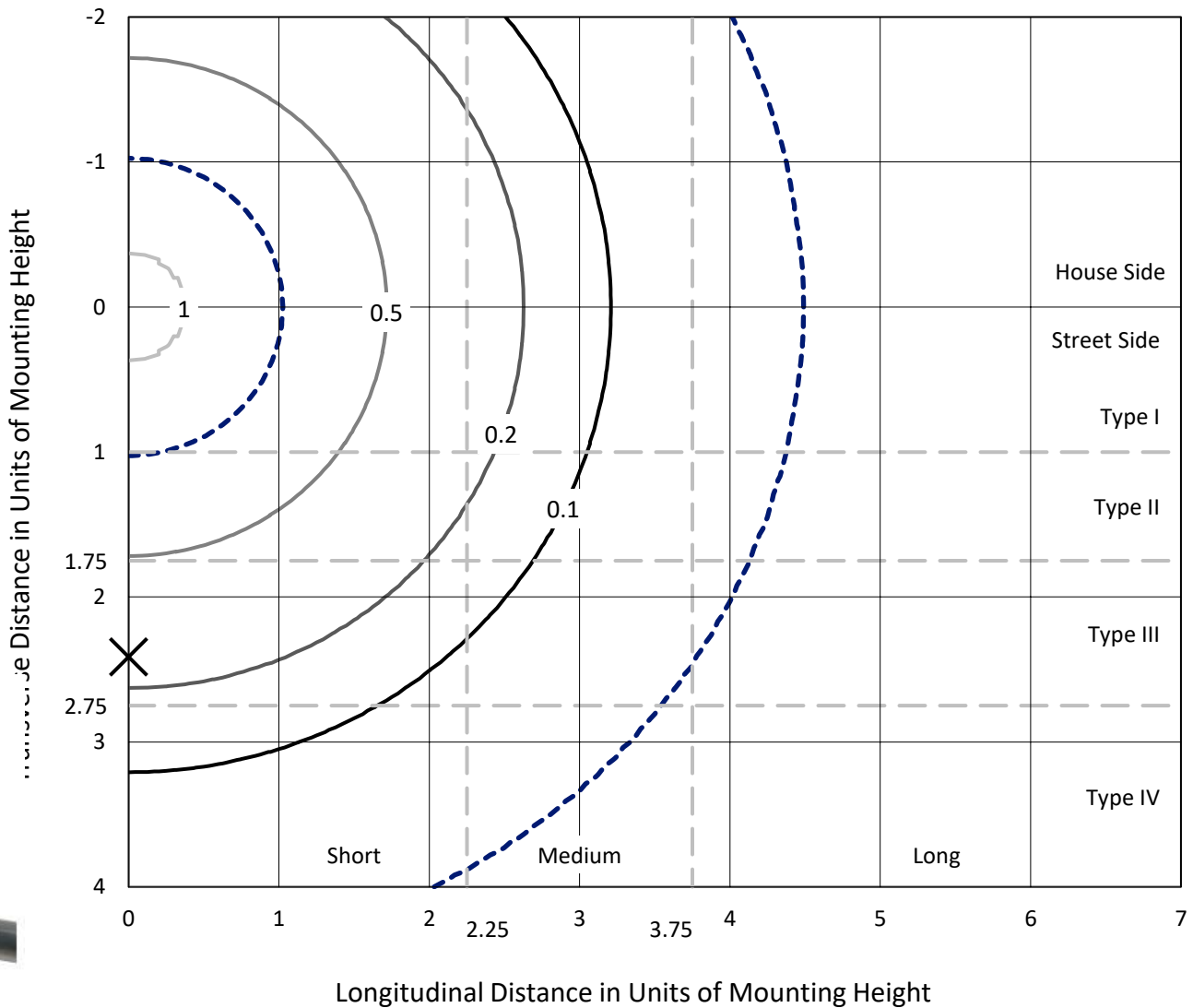


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Iso-Footcandle Lines of Horizontal Illumination

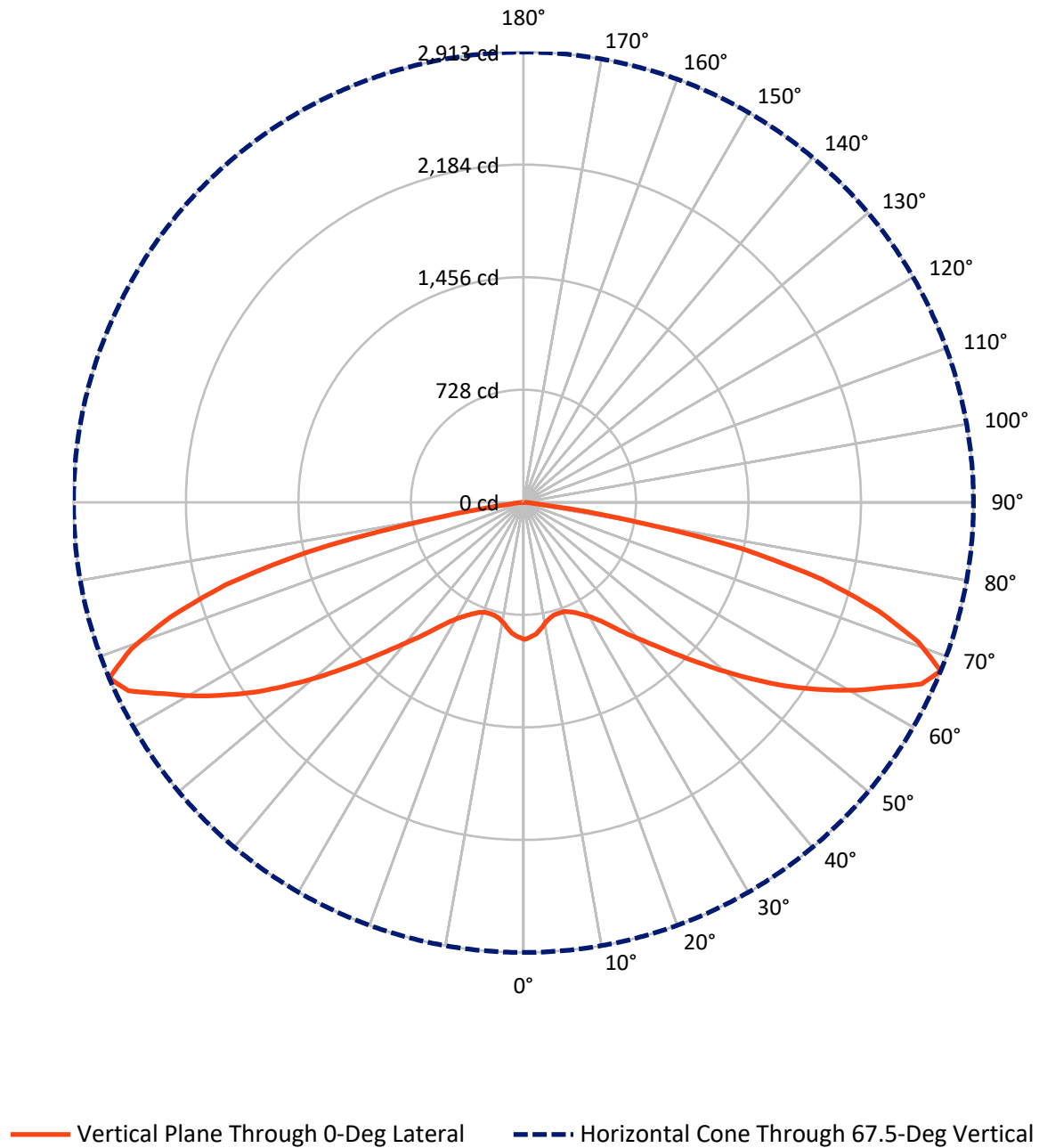
✕ Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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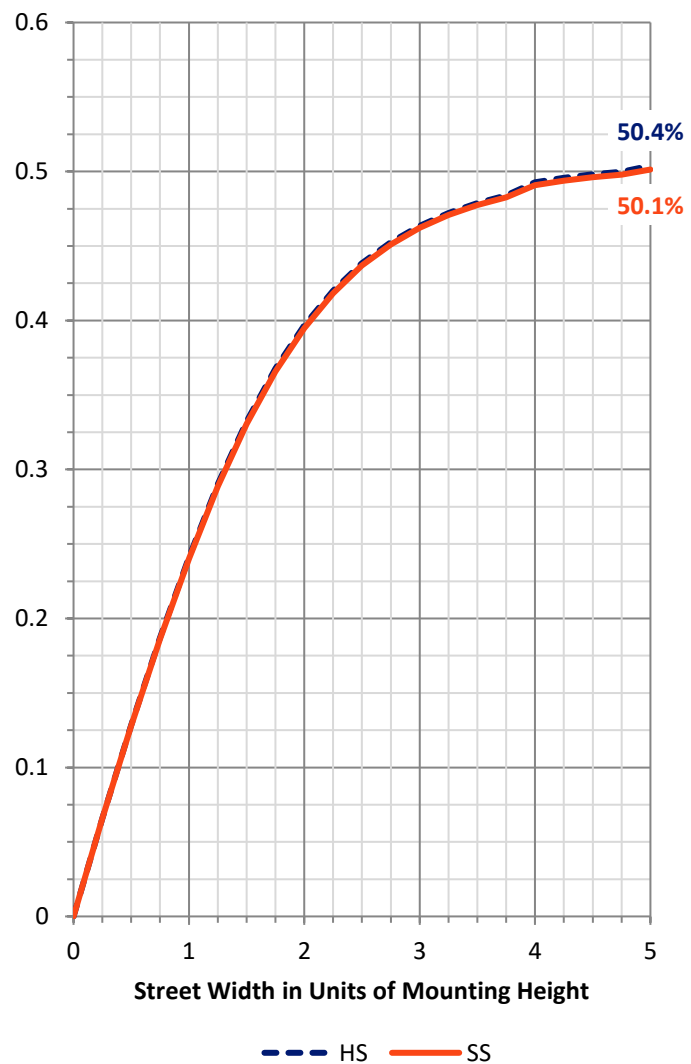
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4561.5	0.0	4561.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4561.5	0.0	4561.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	9123.0	0.0	9123.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.5	0.9
10°-20°	215.3	2.4
20°-30°	371.0	4.1
30°-40°	630.0	6.9
40°-50°	1111.5	12.2
50°-60°	1894.3	20.8
60°-70°	2724.6	29.9
70°-80°	1981.3	21.7
80°-90°	115.6	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°	9123.0	100.0
0°-180°	9123.0	100.0

Coefficient of Utilization



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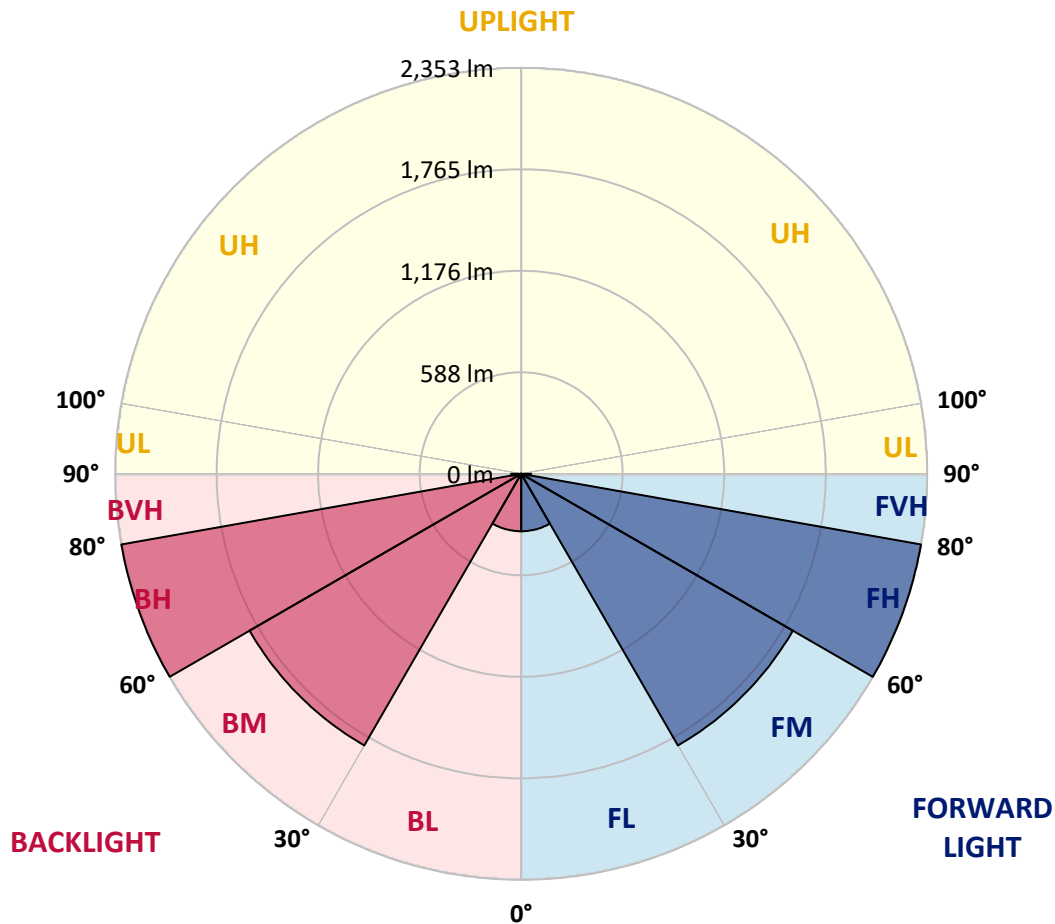
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	332.9	3.6			
FM	(30°-60°)	1817.9	19.9			
FH	(60°-80°)	2352.9	25.8			G2/5000
FVH	(80°-90°)	57.8	0.6			G1/100
BL	(0°-30°)	332.9	3.6	B1/500		
BM	(30°-60°)	1817.9	19.9	B2/2500		
BH	(60°-80°)	2352.9	25.8	B3/2500		G2/5000
BVH	(80°-90°)	57.8	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-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	887.3
2.5°	872.9
5°	855.6
7.5°	823.9
10°	789.3
12.5°	766.3
15°	754.8
17.5°	751.9
20°	754.8
22.5°	769.2
25°	792.2
27.5°	823.9
30°	861.3
32.5°	913.2
35°	985.2
37.5°	1074.5
40°	1166.7
42.5°	1279.1
45°	1411.6
47.5°	1567.1
50°	1737.1
52.5°	1918.6
55°	2108.7
57.5°	2287.3
60°	2468.8
62.5°	2635.9
65°	2831.8
67.5°	2912.5
70°	2710.8
72.5°	2399.7
75°	1999.2
77.5°	1443.3
80°	645.3
82.5°	83.5
85°	17.3
87.5°	2.9
90°	0.0

(END OF REPORT)