

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: P691364

Luminaire Tested: **CRTK2-C015-D-U-T5R-7040-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691364
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-C015-D-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: 4642 lumens
Efficiency: N/A
Efficacy: 155.3 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 29.9
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



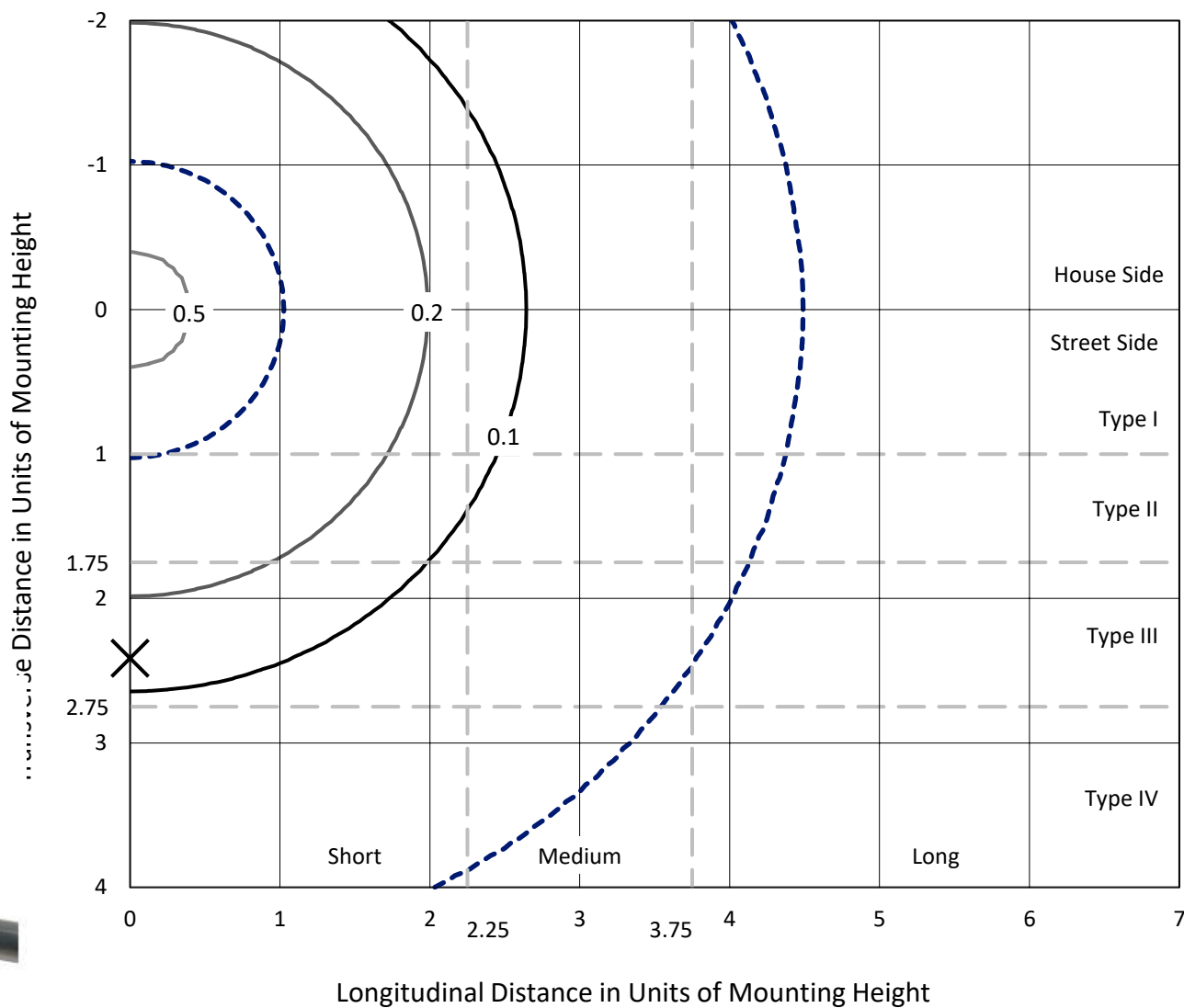
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

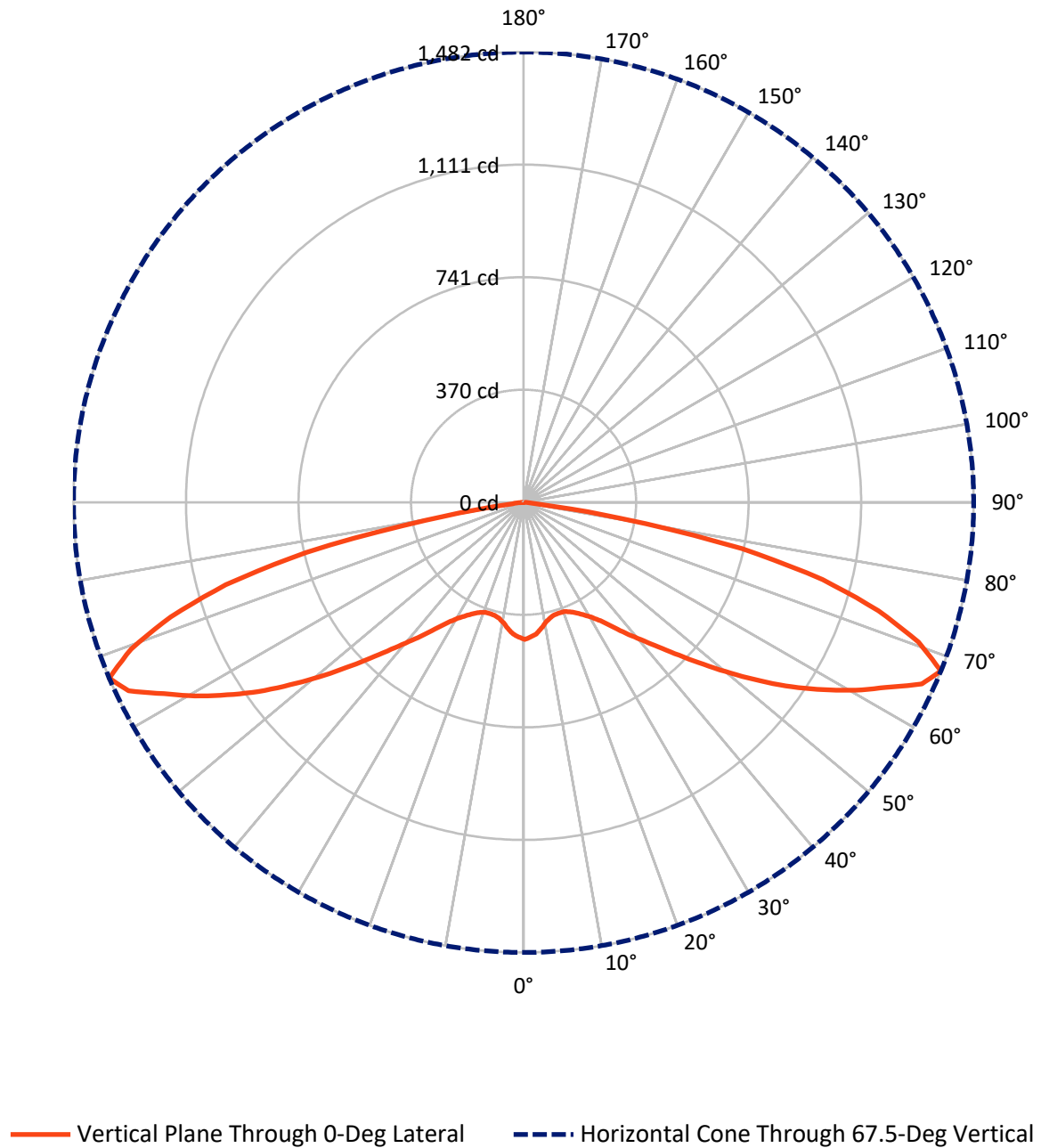


Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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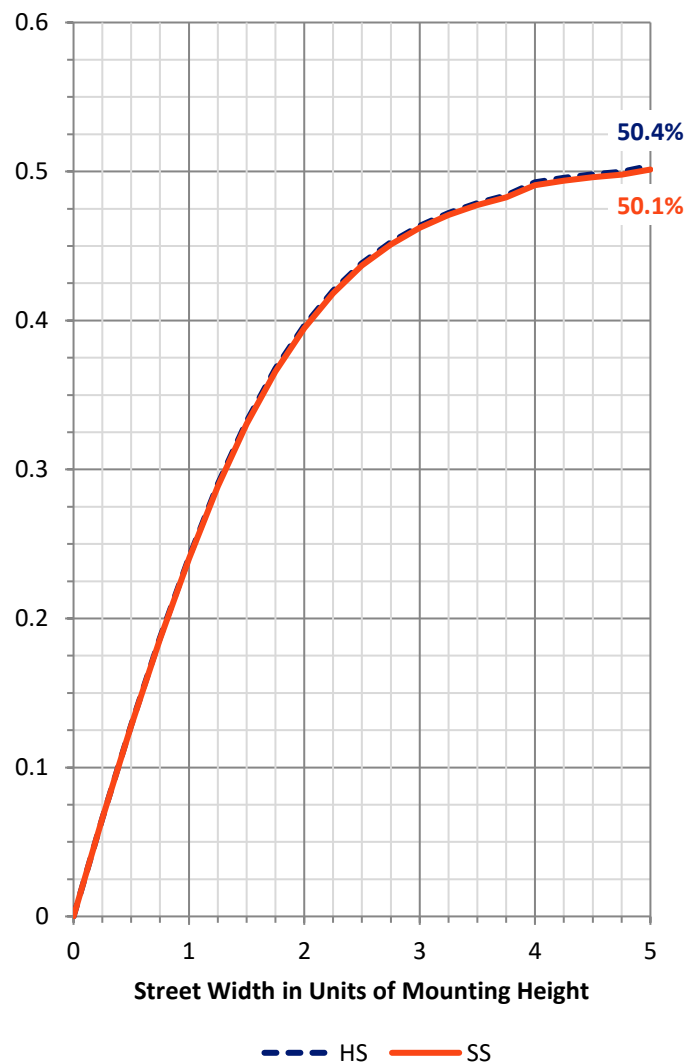
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2321.0	0.0	2321.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2321.0	0.0	2321.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4642.0	0.0	4642.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	0.9
10°-20°	109.6	2.4
20°-30°	188.8	4.1
30°-40°	320.5	6.9
40°-50°	565.5	12.2
50°-60°	963.8	20.8
60°-70°	1386.3	29.9
70°-80°	1008.1	21.7
80°-90°	58.8	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°	4642.0	100.0
0°-180°	4642.0	100.0

Coefficient of Utilization



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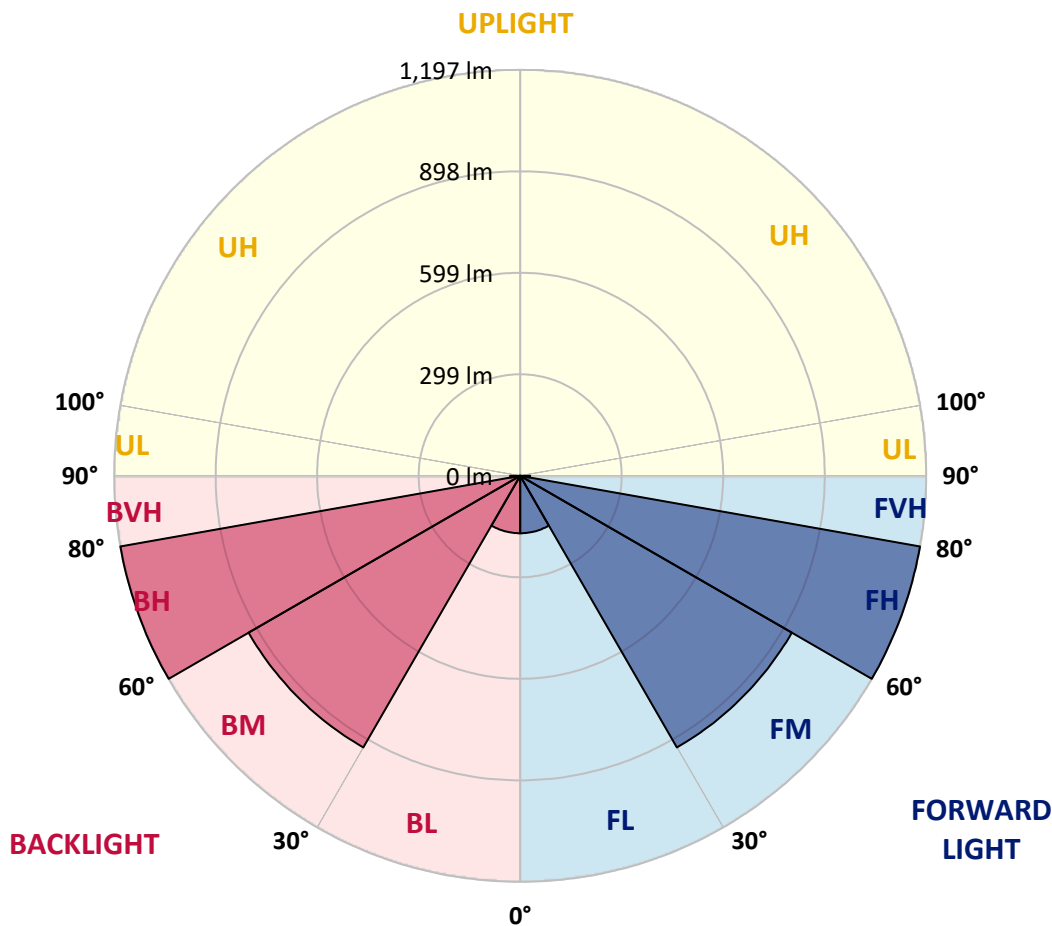
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	169.4	3.6			
FM	(30°-60°)	925.0	19.9			
FH	(60°-80°)	1197.2	25.8			G1/1800
FVH	(80°-90°)	29.4	0.6			G1/100
BL	(0°-30°)	169.4	3.6	B1/500		
BM	(30°-60°)	925.0	19.9	B1/1000		
BH	(60°-80°)	1197.2	25.8	B3/2500		G1/1800
BVH	(80°-90°)	29.4	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°	451.5
2.5°	444.1
5°	435.3
7.5°	419.2
10°	401.6
12.5°	389.9
15°	384.0
17.5°	382.6
20°	384.0
22.5°	391.4
25°	403.1
27.5°	419.2
30°	438.3
32.5°	464.7
35°	501.3
37.5°	546.7
40°	593.6
42.5°	650.8
45°	718.2
47.5°	797.4
50°	883.9
52.5°	976.2
55°	1073.0
57.5°	1163.8
60°	1256.2
62.5°	1341.2
65°	1440.9
67.5°	1481.9
70°	1379.3
72.5°	1221.0
75°	1017.3
77.5°	734.4
80°	328.3
82.5°	42.5
85°	8.8
87.5°	1.5
90°	0.0

(END OF REPORT)