

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: P691357

Luminaire Tested: **CRTK2-C015-D-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691357
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-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: 4508 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

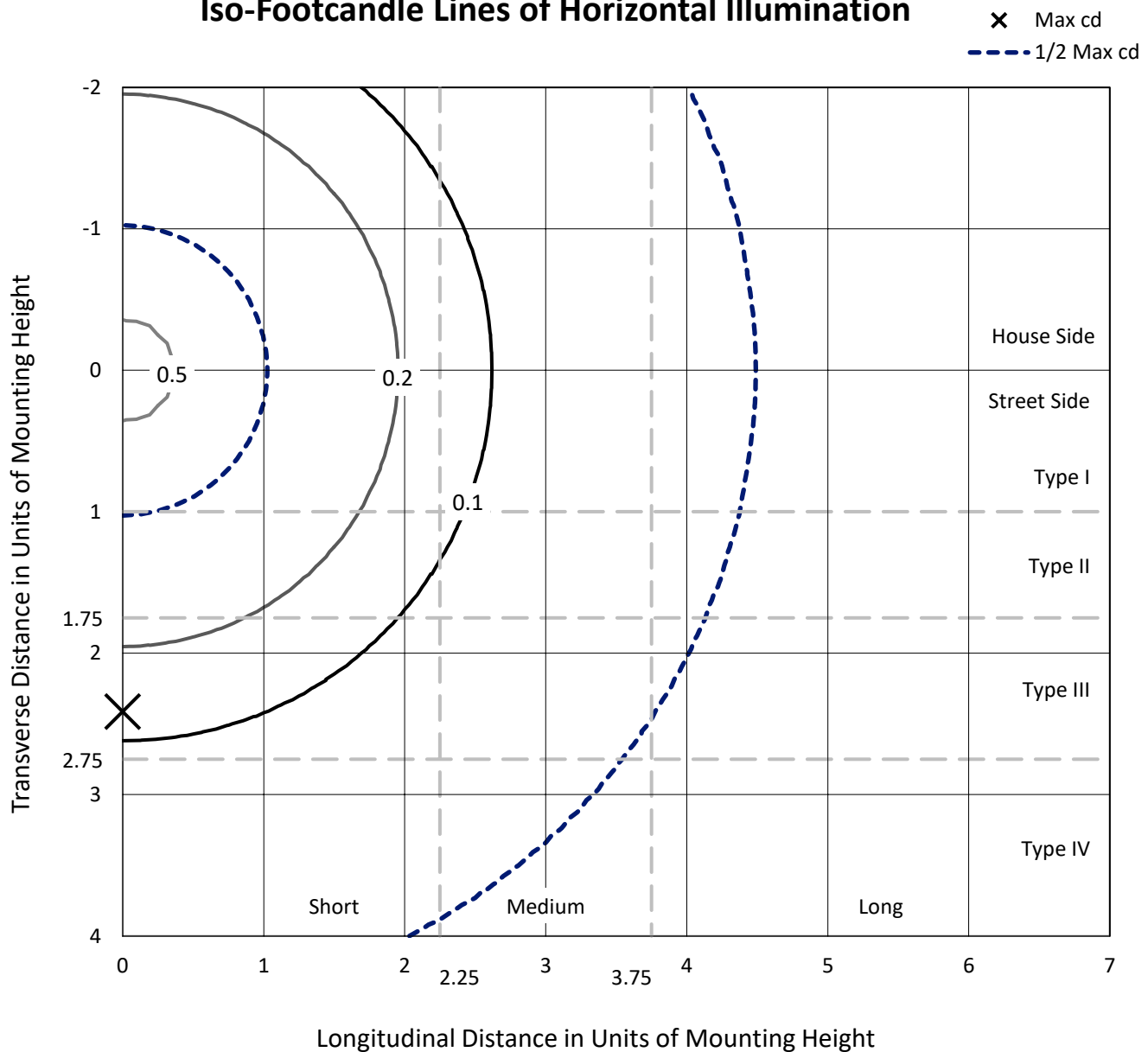
Input Watts (W): 29.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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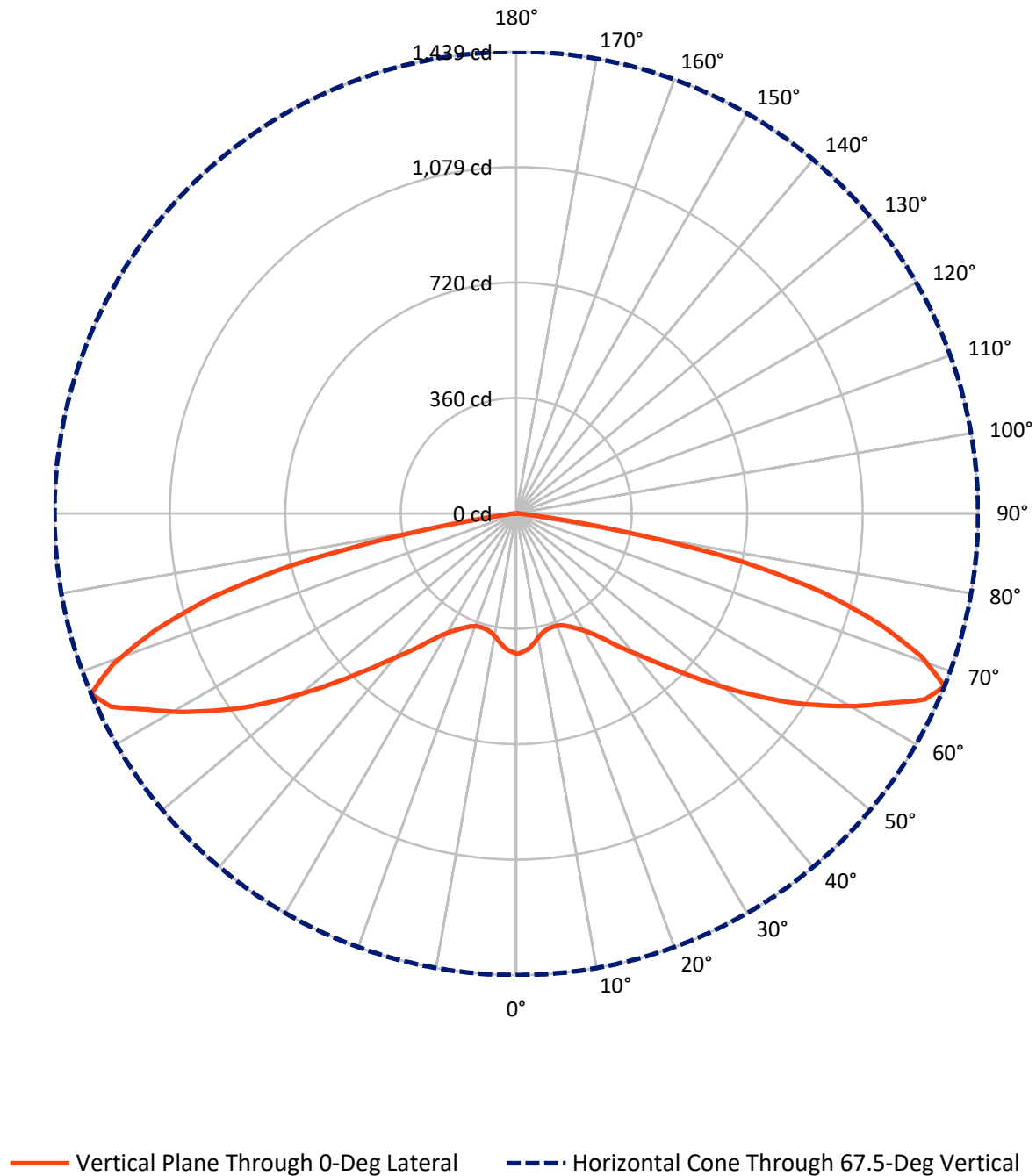
Iso-Footcandle Lines of Horizontal Illumination



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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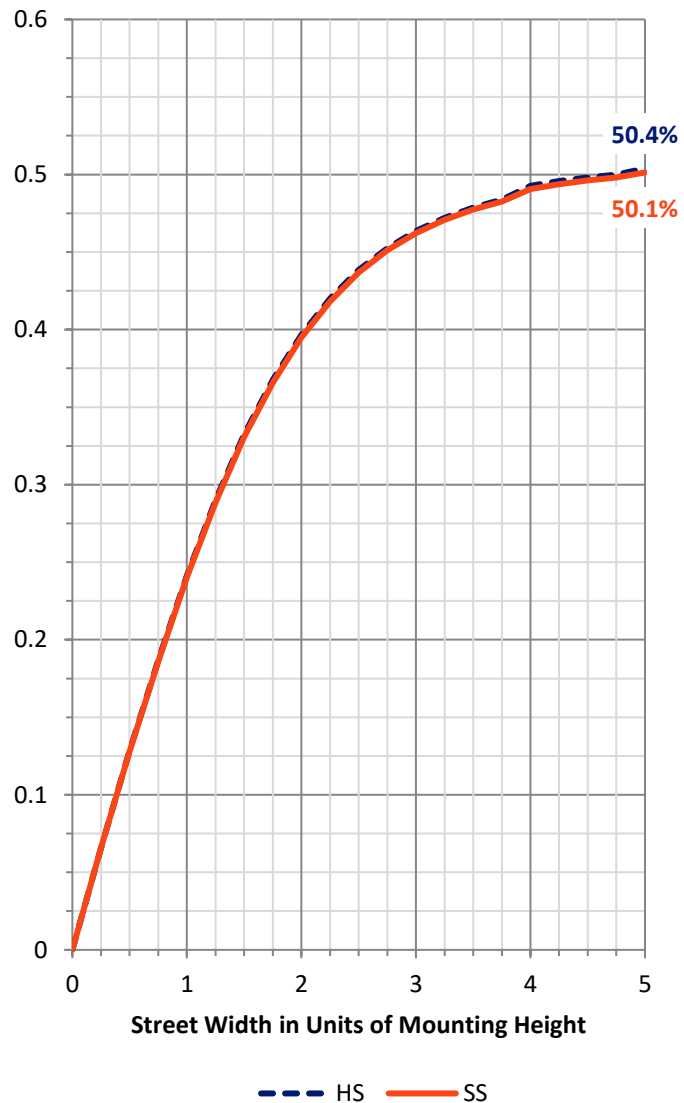
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2254.0	0.0	2254.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2254.0	0.0	2254.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4508.0	0.0	4508.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.3	0.9
10°-20°	106.4	2.4
20°-30°	183.3	4.1
30°-40°	311.3	6.9
40°-50°	549.2	12.2
50°-60°	936.0	20.8
60°-70°	1346.3	29.9
70°-80°	979.0	21.7
80°-90°	57.1	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°	4508.0	100.0
0°-180°	4508.0	100.0

Coefficient of Utilization



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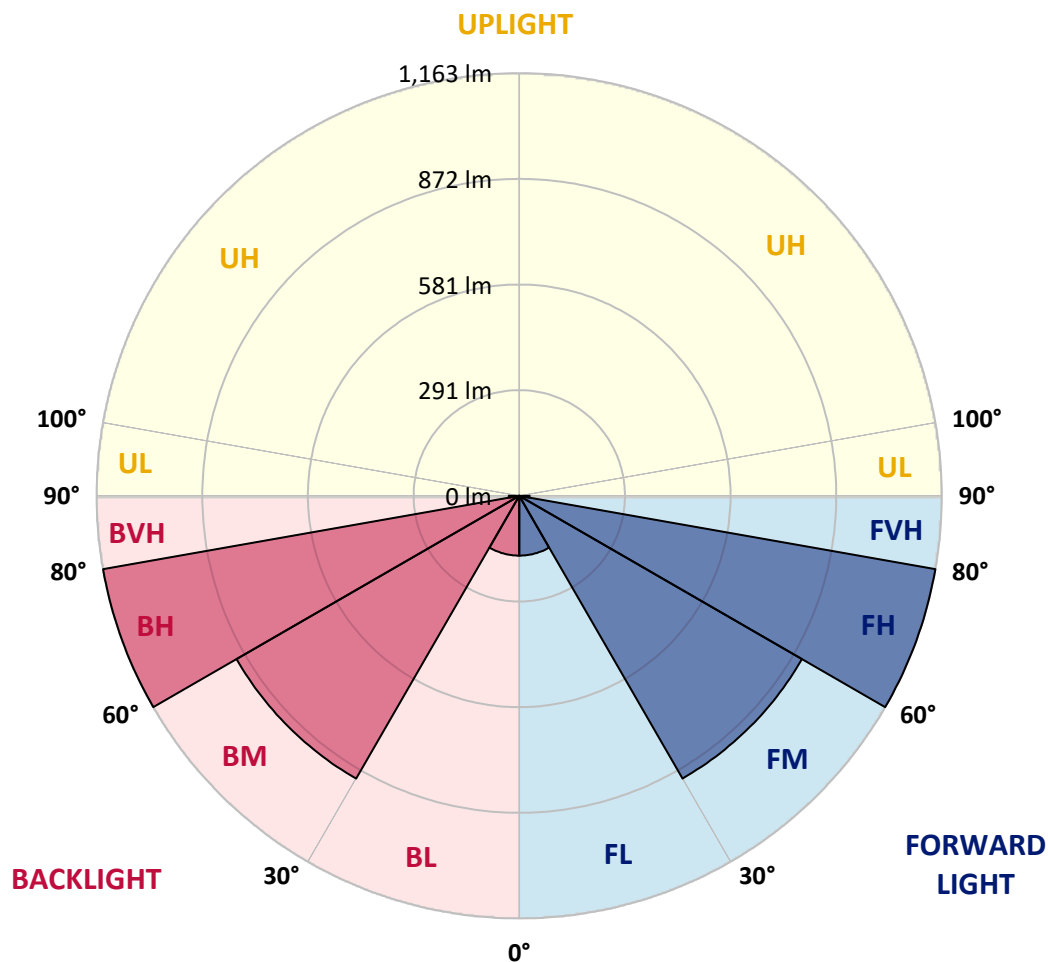
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	164.5	3.6			
FM	(30°-60°)	898.3	19.9			
FH	(60°-80°)	1162.7	25.8			G1/1800
FVH	(80°-90°)	28.6	0.6			G1/100
BL	(0°-30°)	164.5	3.6	B1/500		
BM	(30°-60°)	898.3	19.9	B1/1000		
BH	(60°-80°)	1162.7	25.8	B3/2500		G1/1800
BVH	(80°-90°)	28.6	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°	438.4
2.5°	431.3
5°	422.8
7.5°	407.1
10°	390.0
12.5°	378.6
15°	373.0
17.5°	371.5
20°	373.0
22.5°	380.1
25°	391.5
27.5°	407.1
30°	425.6
32.5°	451.2
35°	486.8
37.5°	531.0
40°	576.5
42.5°	632.0
45°	697.5
47.5°	774.4
50°	858.4
52.5°	948.0
55°	1042.0
57.5°	1130.2
60°	1219.9
62.5°	1302.5
65°	1399.3
67.5°	1439.1
70°	1339.5
72.5°	1185.8
75°	987.9
77.5°	713.2
80°	318.9
82.5°	41.3
85°	8.5
87.5°	1.4
90°	0.0

(END OF REPORT)