

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: P691371

Luminaire Tested: **CRTK2-C015-D-U-T5R-7050-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691371
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-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: 4696 lumens
Efficiency: N/A
Efficacy: 157.1 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

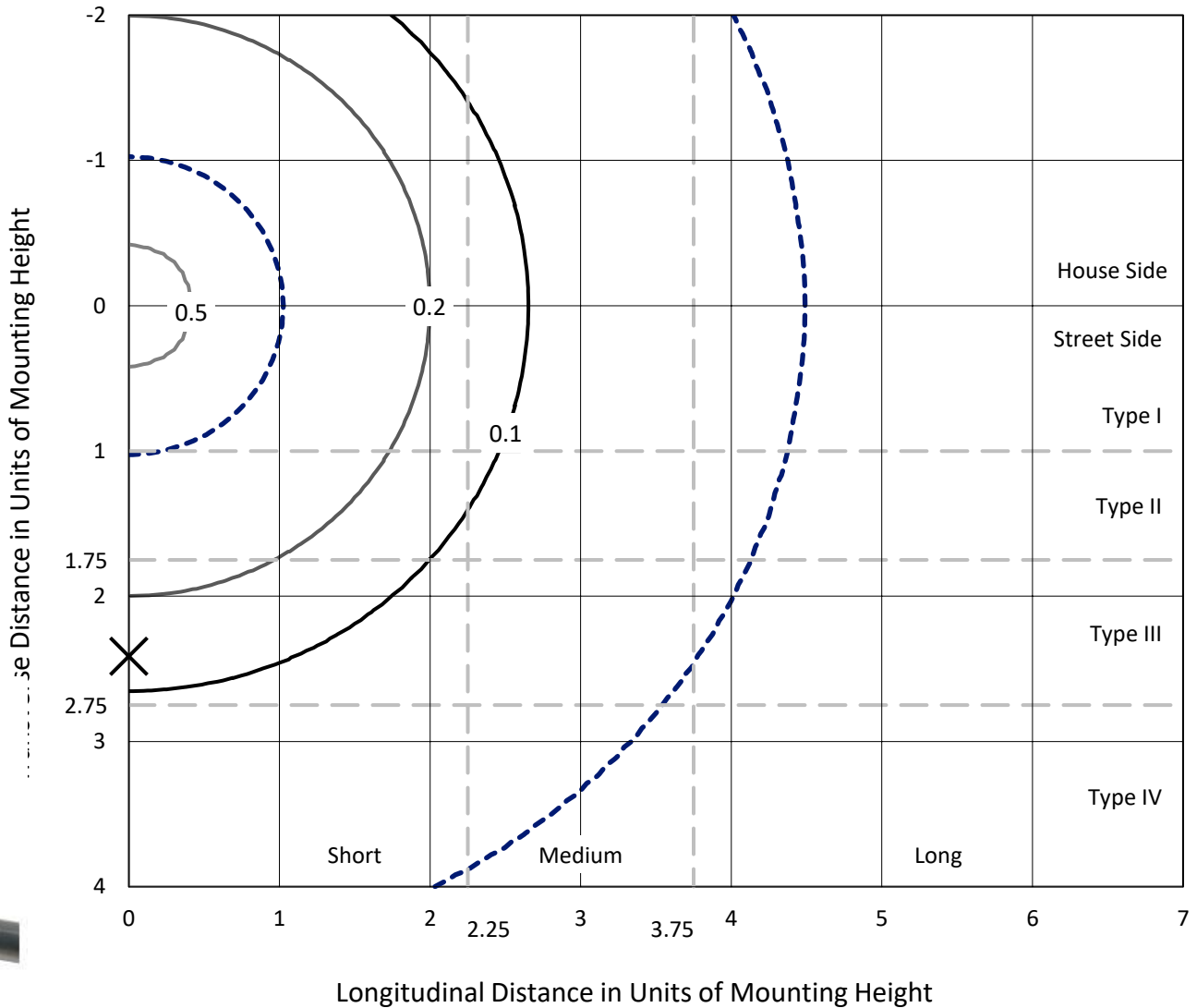
Input Watts (W): 29.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

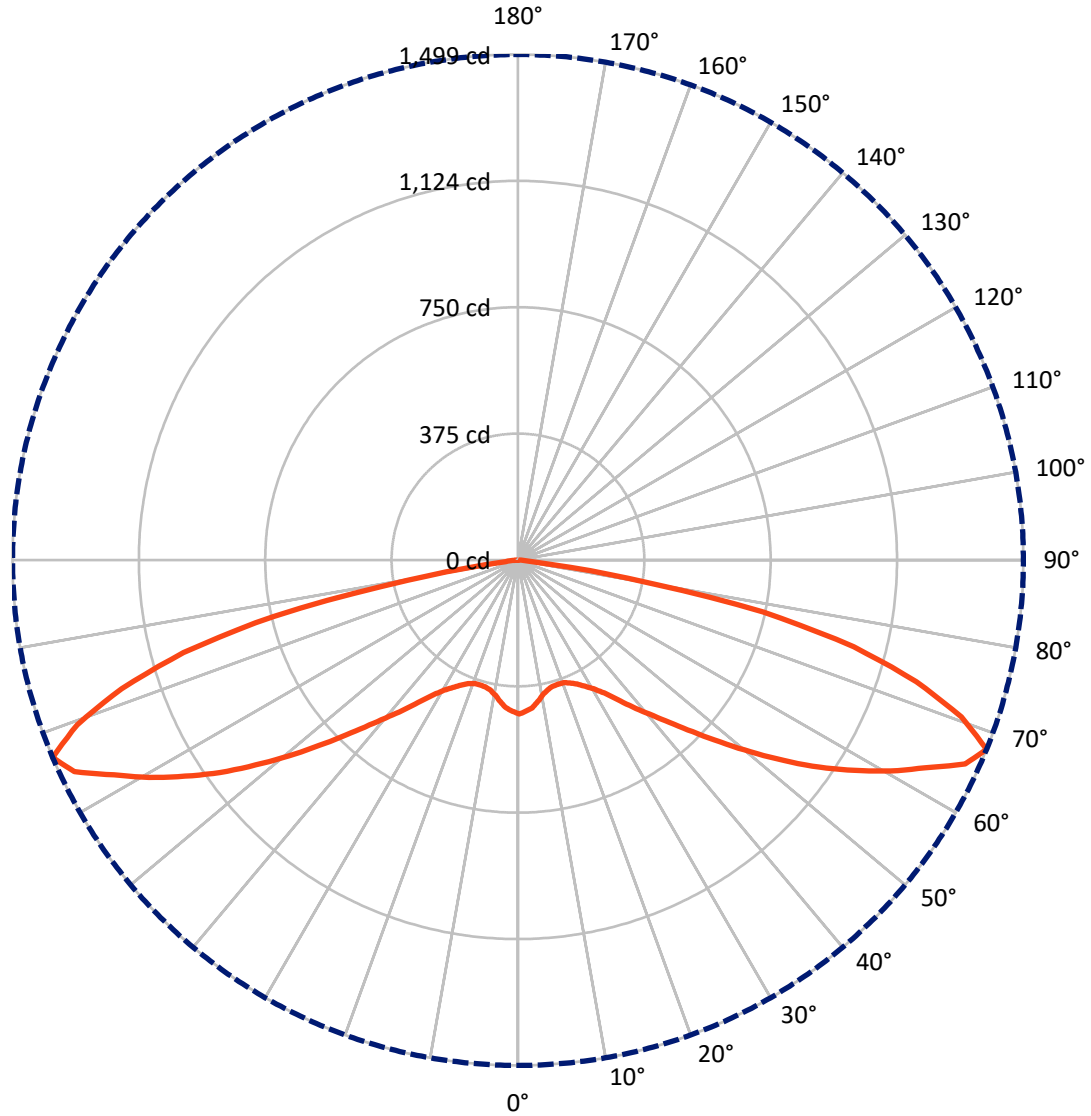
× Max cd
 - - - 1/2 Max cd



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



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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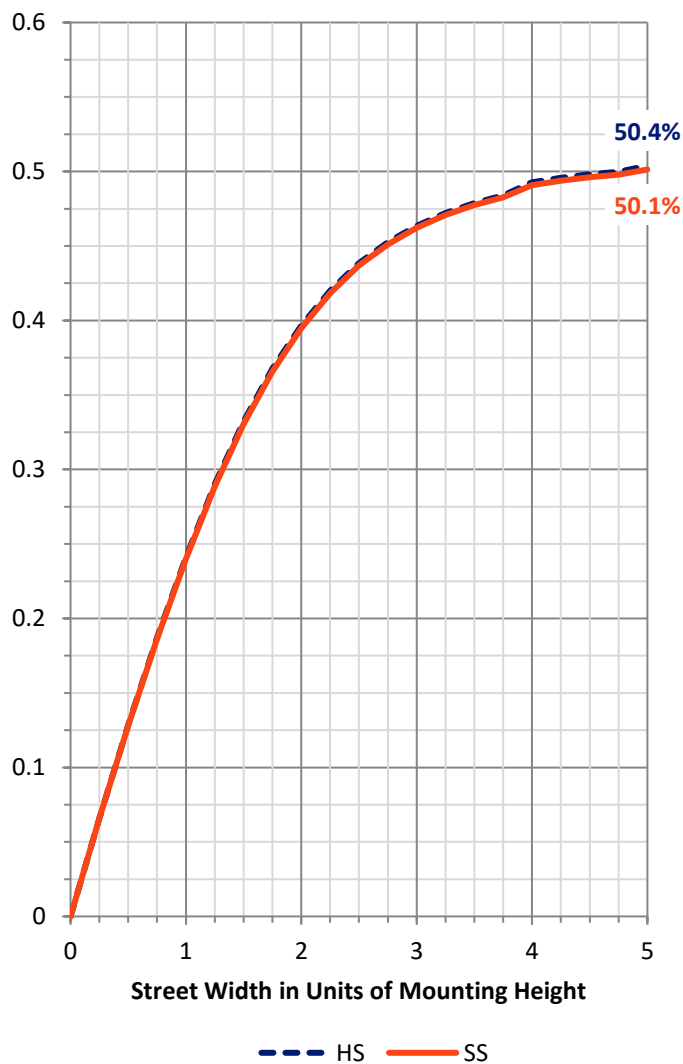
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2348.0	0.0	2348.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2348.0	0.0	2348.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4696.0	0.0	4696.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.9	0.9
10°-20°	110.8	2.4
20°-30°	191.0	4.1
30°-40°	324.3	6.9
40°-50°	572.2	12.2
50°-60°	975.1	20.8
60°-70°	1402.5	29.9
70°-80°	1019.8	21.7
80°-90°	59.5	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°	4696.0	100.0
0°-180°	4696.0	100.0

Coefficient of Utilization



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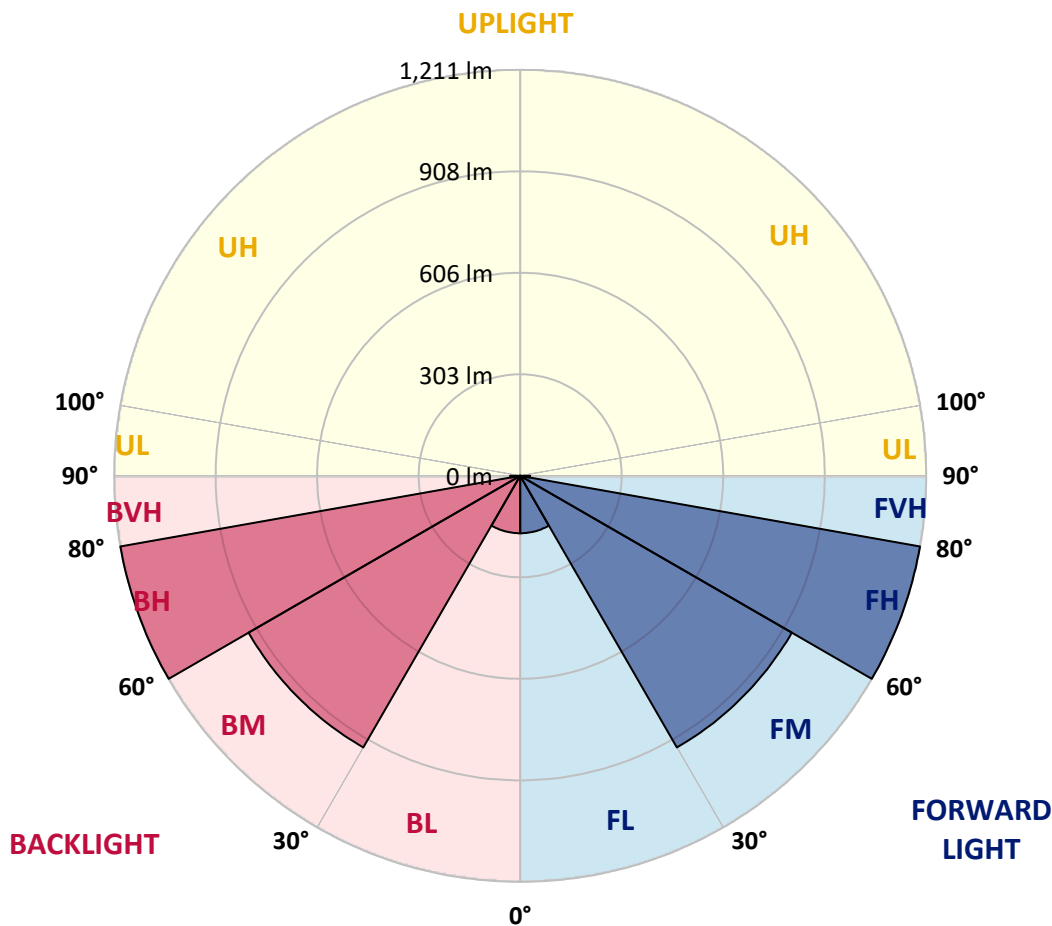
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	171.3	3.6			
FM (30°-60°)	935.7	19.9			
FH (60°-80°)	1211.2	25.8			G1/1800
FVH (80°-90°)	29.8	0.6			G1/100
BL (0°-30°)	171.3	3.6	B1/500		
BM (30°-60°)	935.7	19.9	B1/1000		
BH (60°-80°)	1211.2	25.8	B3/2500		G1/1800
BVH (80°-90°)	29.8	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-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	456.7
2.5°	449.3
5°	440.4
7.5°	424.1
10°	406.3
12.5°	394.4
15°	388.5
17.5°	387.0
20°	388.5
22.5°	395.9
25°	407.8
27.5°	424.1
30°	443.4
32.5°	470.1
35°	507.1
37.5°	553.1
40°	600.6
42.5°	658.4
45°	726.6
47.5°	806.7
50°	894.2
52.5°	987.6
55°	1085.4
57.5°	1177.4
60°	1270.8
62.5°	1356.8
65°	1457.6
67.5°	1499.2
70°	1395.4
72.5°	1235.2
75°	1029.1
77.5°	742.9
80°	332.2
82.5°	43.0
85°	8.9
87.5°	1.5
90°	0.0

(END OF REPORT)