

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: P691746

Luminaire Tested: **CRTK2-C018-D-U-T5R-8027-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691746
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-C018-D-U-T5R-8027-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 80 CRI, 2700K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6352 lumens
Efficiency: N/A
Efficacy: 126.0 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 50.4
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

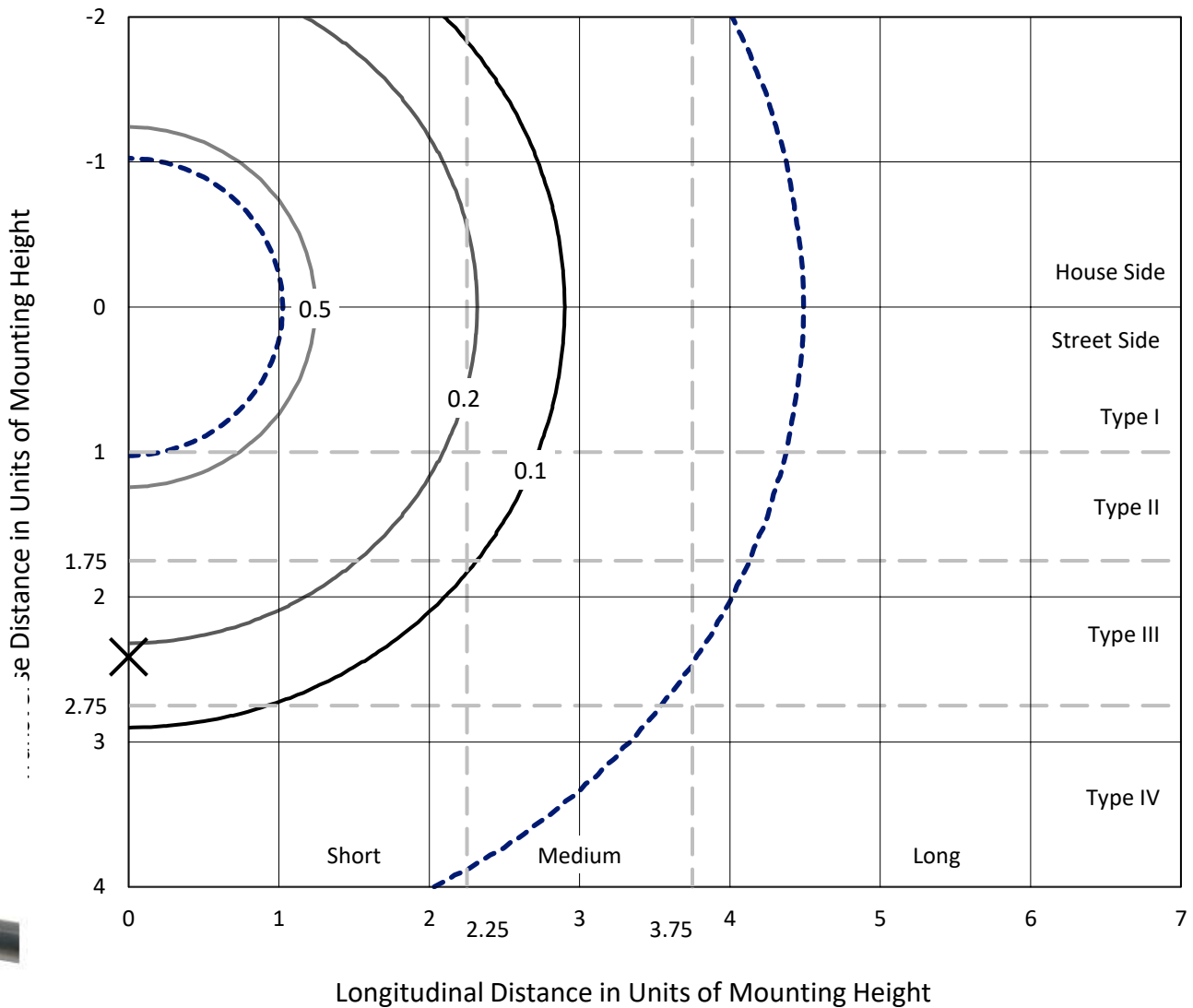


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

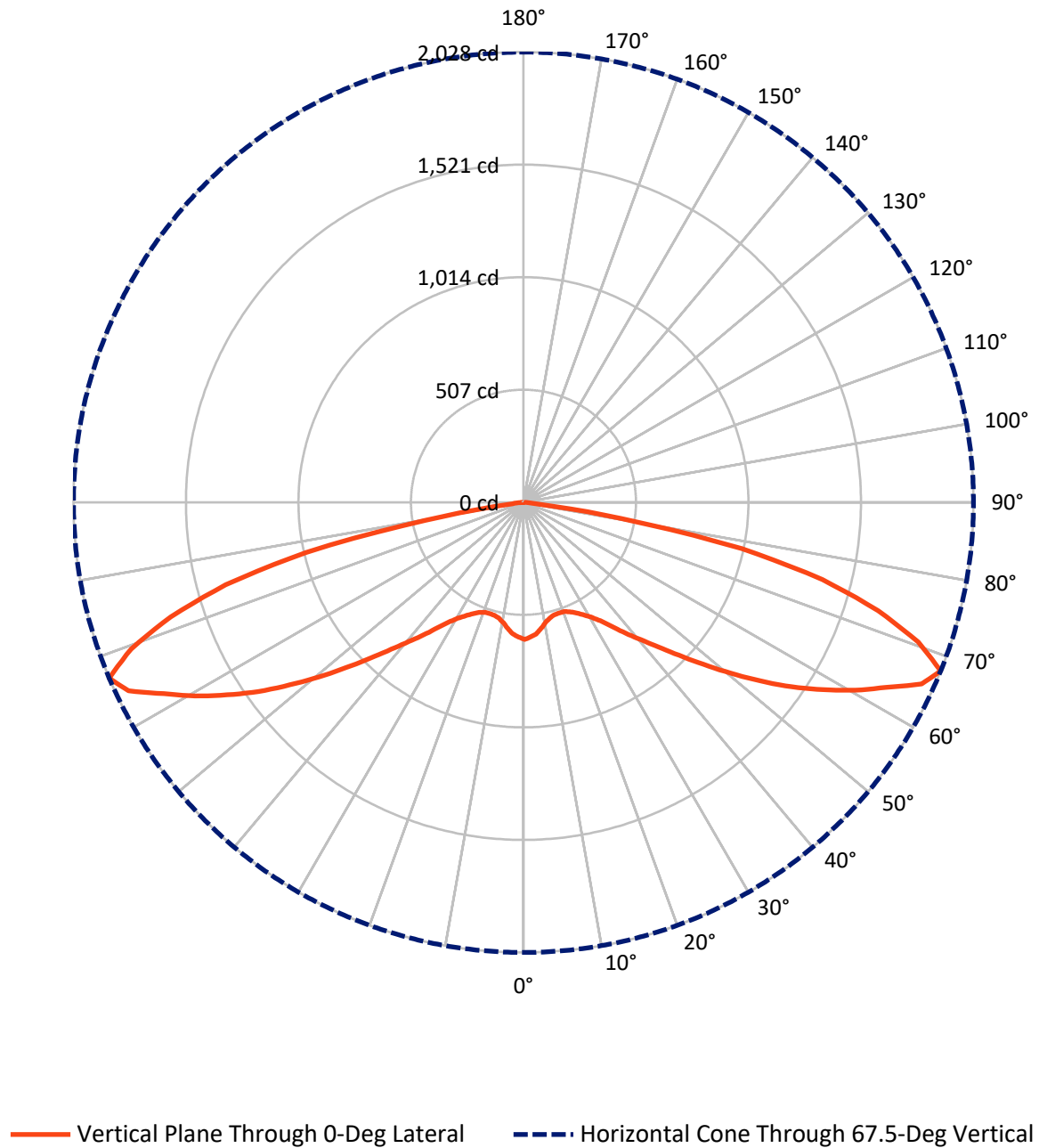


Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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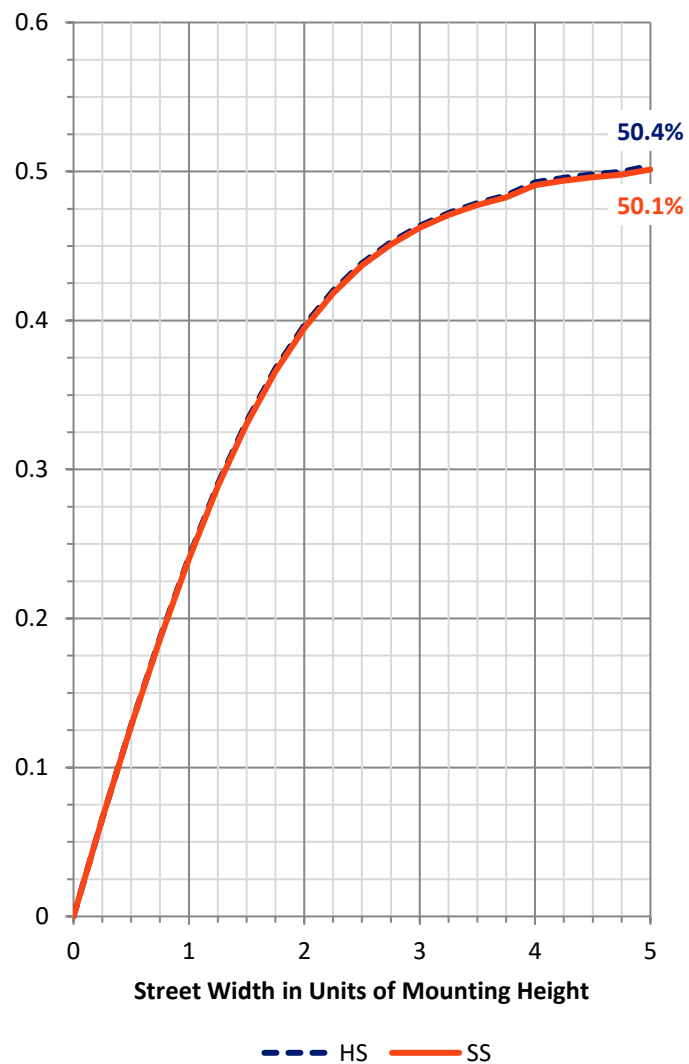
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3176.0	0.0	3176.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3176.0	0.0	3176.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6352.0	0.0	6352.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.3	0.9
10°-20°	149.9	2.4
20°-30°	258.3	4.1
30°-40°	438.6	6.9
40°-50°	773.9	12.2
50°-60°	1318.9	20.8
60°-70°	1897.0	29.9
70°-80°	1379.5	21.7
80°-90°	80.5	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°	6352.0	100.0
0°-180°	6352.0	100.0

Coefficient of Utilization



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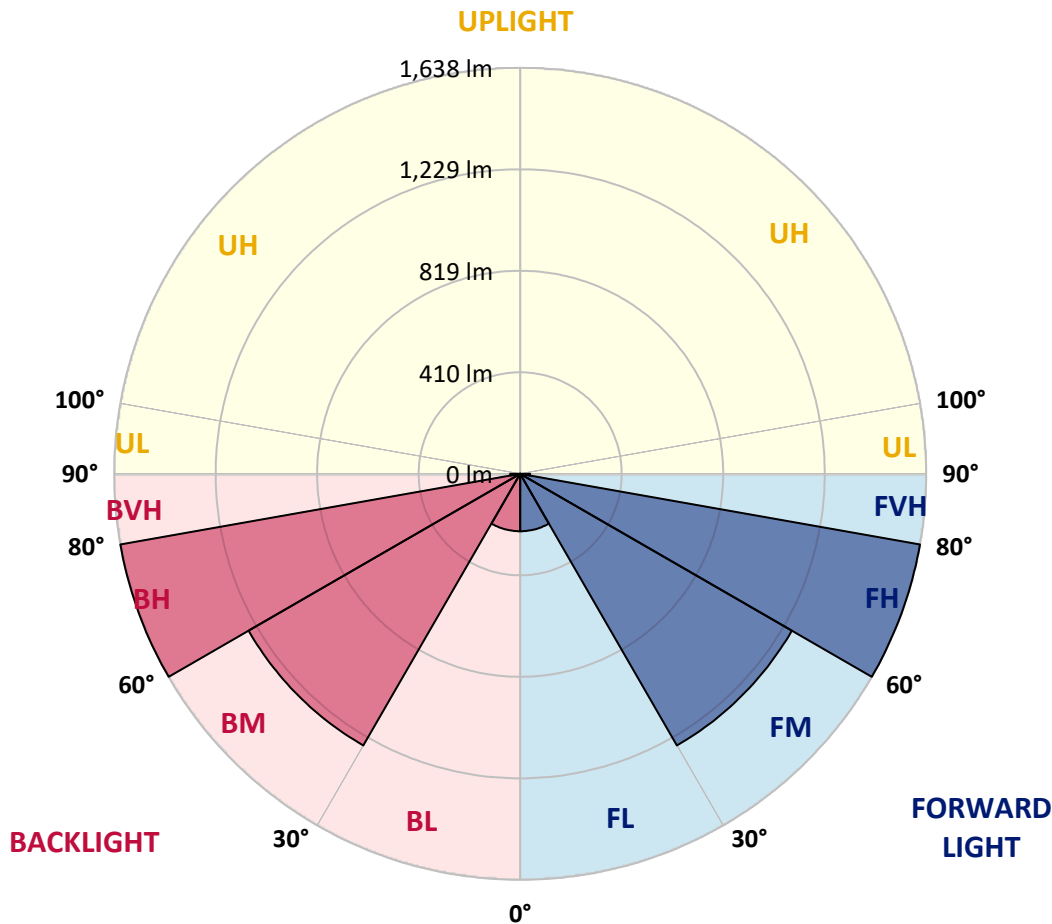
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	231.8	3.6			
FM	(30°-60°)	1265.7	19.9			
FH	(60°-80°)	1638.3	25.8			G1/1800
FVH	(80°-90°)	40.3	0.6			G1/100
BL	(0°-30°)	231.8	3.6	B1/500		
BM	(30°-60°)	1265.7	19.9	B2/2500		
BH	(60°-80°)	1638.3	25.8	B3/2500		G1/1800
BVH	(80°-90°)	40.3	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°	617.8
2.5°	607.7
5°	595.7
7.5°	573.6
10°	549.6
12.5°	533.5
15°	525.5
17.5°	523.5
20°	525.5
22.5°	535.5
25°	551.6
27.5°	573.6
30°	599.7
32.5°	635.8
35°	686.0
37.5°	748.2
40°	812.3
42.5°	890.6
45°	982.8
47.5°	1091.1
50°	1209.5
52.5°	1335.8
55°	1468.2
57.5°	1592.6
60°	1718.9
62.5°	1835.3
65°	1971.7
67.5°	2027.8
70°	1887.4
72.5°	1670.8
75°	1392.0
77.5°	1004.9
80°	449.3
82.5°	58.2
85°	12.0
87.5°	2.0
90°	0.0

(END OF REPORT)