

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: P691732

Luminaire Tested: **CRTK2-C018-D-U-T5R-7040-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691732
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-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: 7233 lumens
Efficiency: N/A
Efficacy: 143.5 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

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

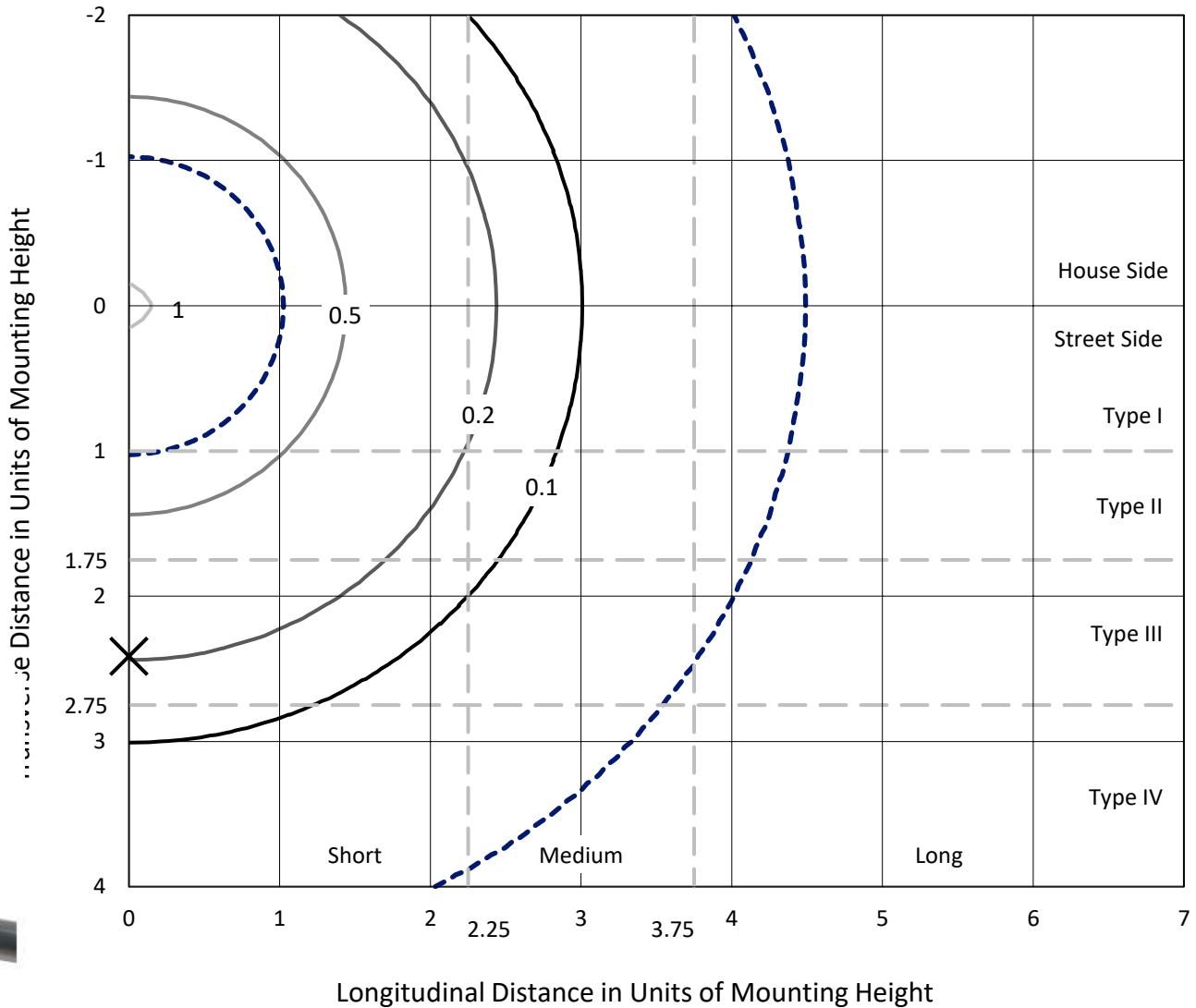


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

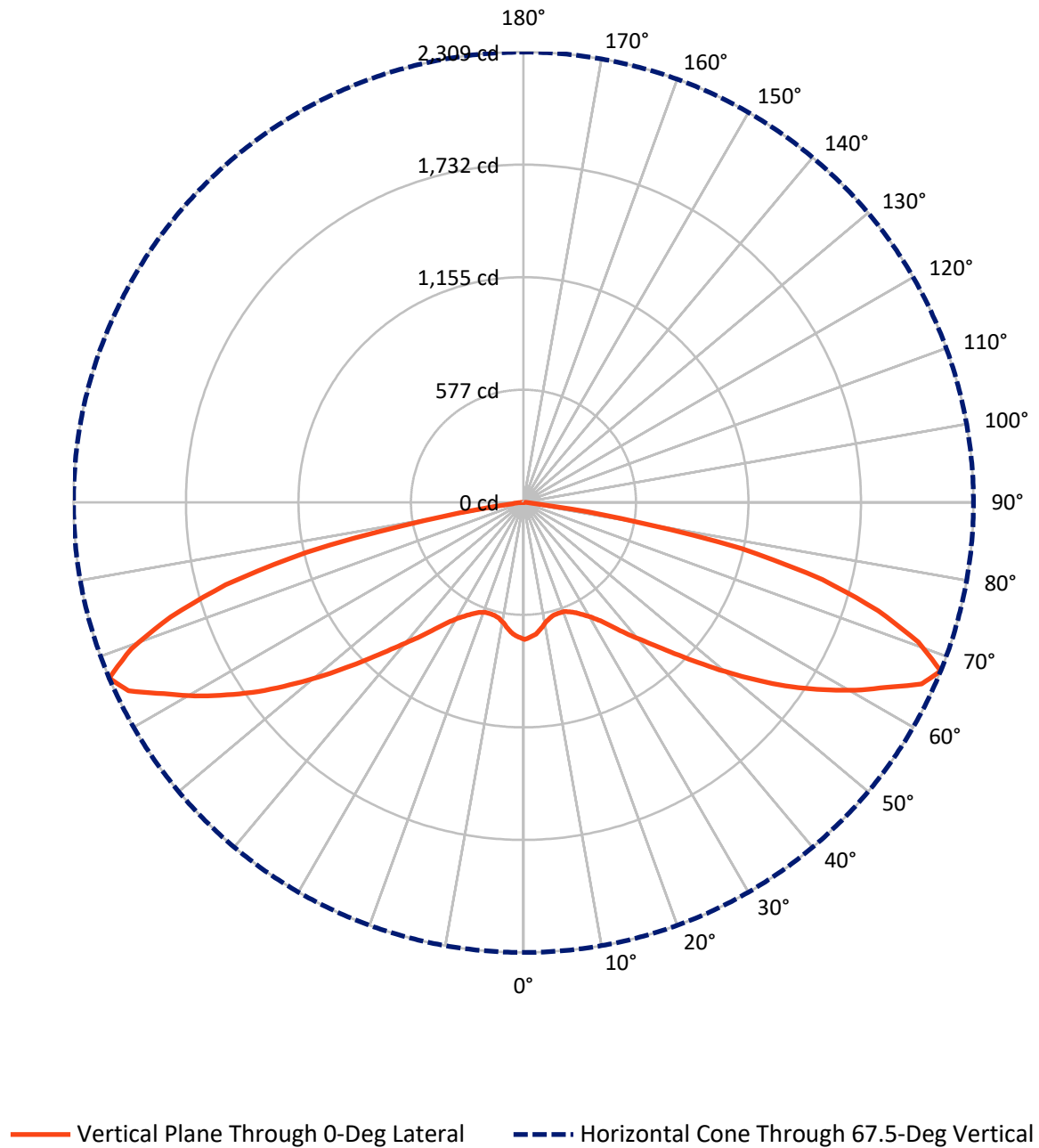


Based on 25 foot mounting height. Maximum calculated value = 1.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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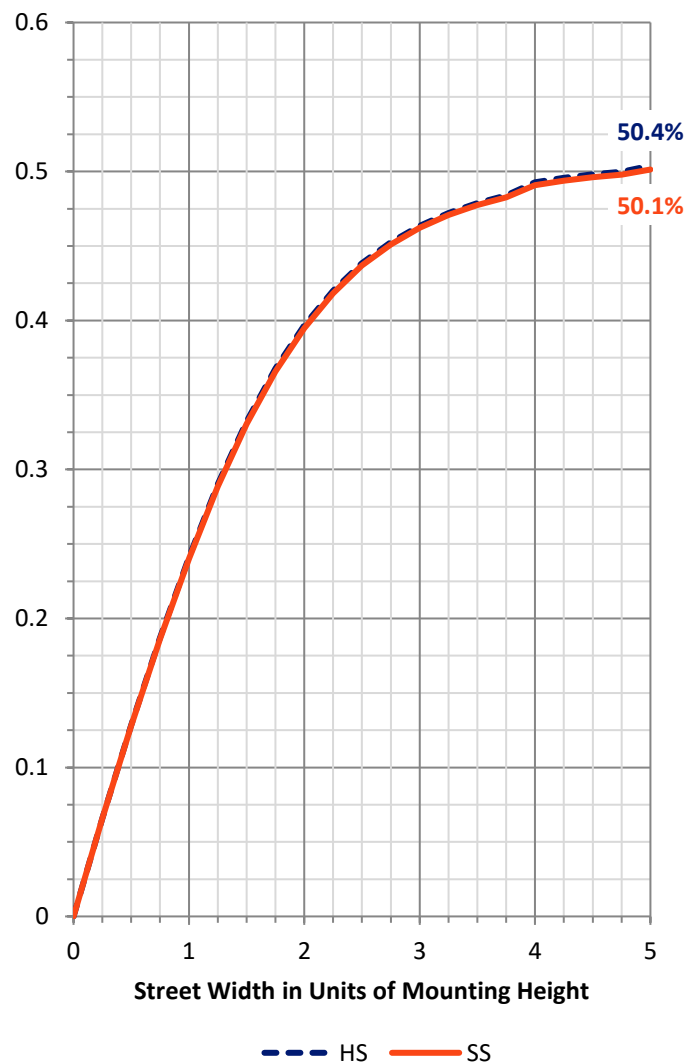
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3616.5	0.0	3616.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3616.5	0.0	3616.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	7233.0	0.0	7233.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.0	0.9
10°-20°	170.7	2.4
20°-30°	294.1	4.1
30°-40°	499.5	6.9
40°-50°	881.2	12.2
50°-60°	1501.9	20.8
60°-70°	2160.2	29.9
70°-80°	1570.8	21.7
80°-90°	91.7	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°	7233.0	100.0
0°-180°	7233.0	100.0

Coefficient of Utilization



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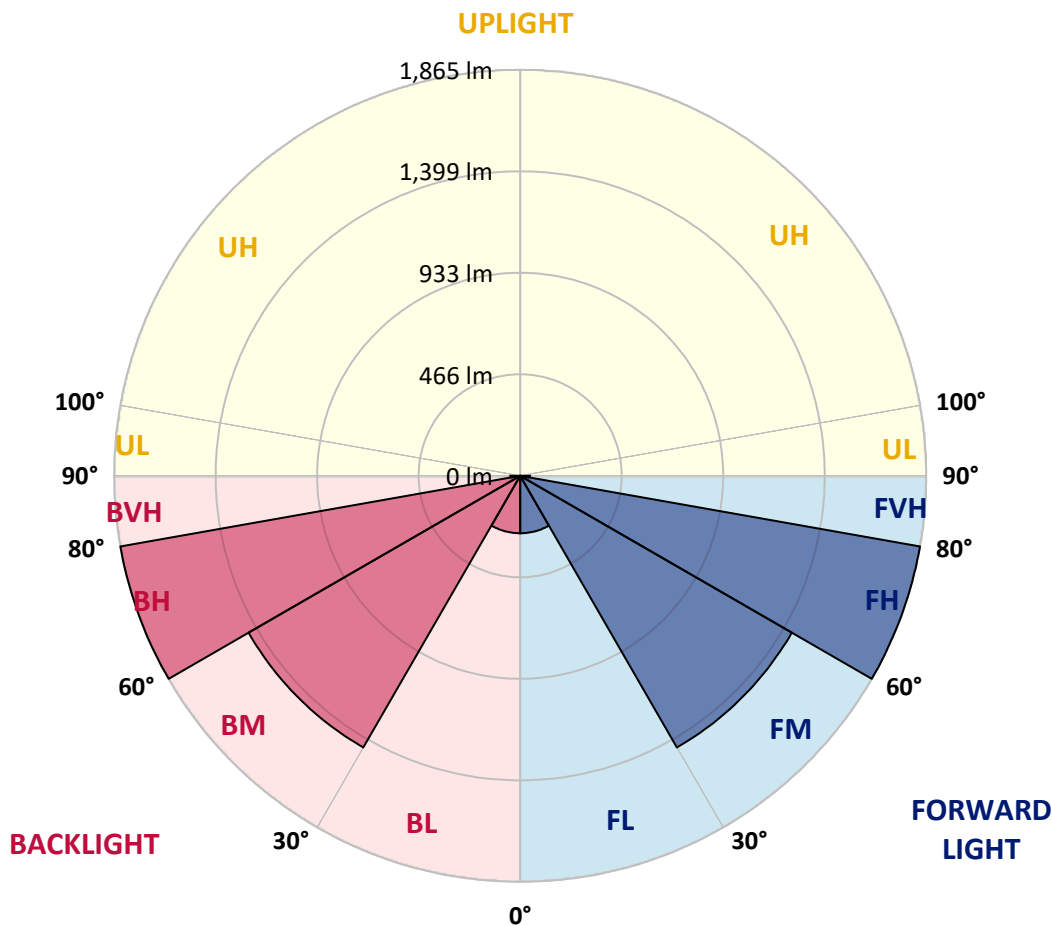
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	263.9	3.6			
FM	(30°-60°)	1441.3	19.9			
FH	(60°-80°)	1865.5	25.8			G2/5000
FVH	(80°-90°)	45.8	0.6			G1/100
BL	(0°-30°)	263.9	3.6	B1/500		
BM	(30°-60°)	1441.3	19.9	B2/2500		
BH	(60°-80°)	1865.5	25.8	B3/2500		G2/5000
BVH	(80°-90°)	45.8	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°	703.5
2.5°	692.0
5°	678.3
7.5°	653.2
10°	625.8
12.5°	607.5
15°	598.4
17.5°	596.1
20°	598.4
22.5°	609.8
25°	628.1
27.5°	653.2
30°	682.9
32.5°	724.0
35°	781.1
37.5°	851.9
40°	925.0
42.5°	1014.1
45°	1119.1
47.5°	1242.5
50°	1377.2
52.5°	1521.1
55°	1671.9
57.5°	1813.5
60°	1957.4
62.5°	2089.8
65°	2245.1
67.5°	2309.1
70°	2149.2
72.5°	1902.5
75°	1585.1
77.5°	1144.3
80°	511.6
82.5°	66.2
85°	13.7
87.5°	2.3
90°	0.0

(END OF REPORT)