

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: P691640

Luminaire Tested: **CRTK2-C018-5TLD-U-T5R-7040-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691640
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-C018-5TLD-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: 8352.9 lumens
Efficiency: N/A
Efficacy: 155.5 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 53.7
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



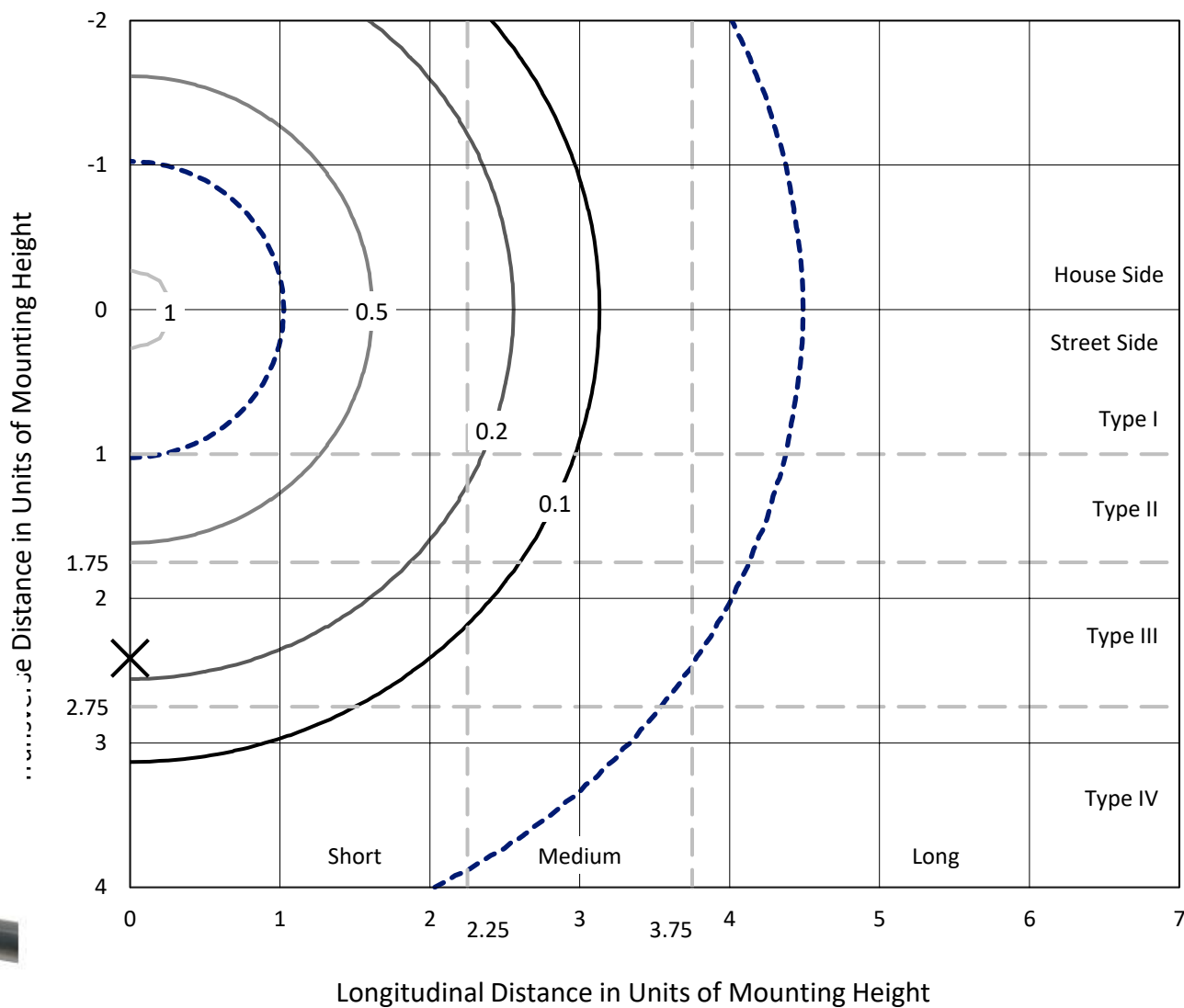
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

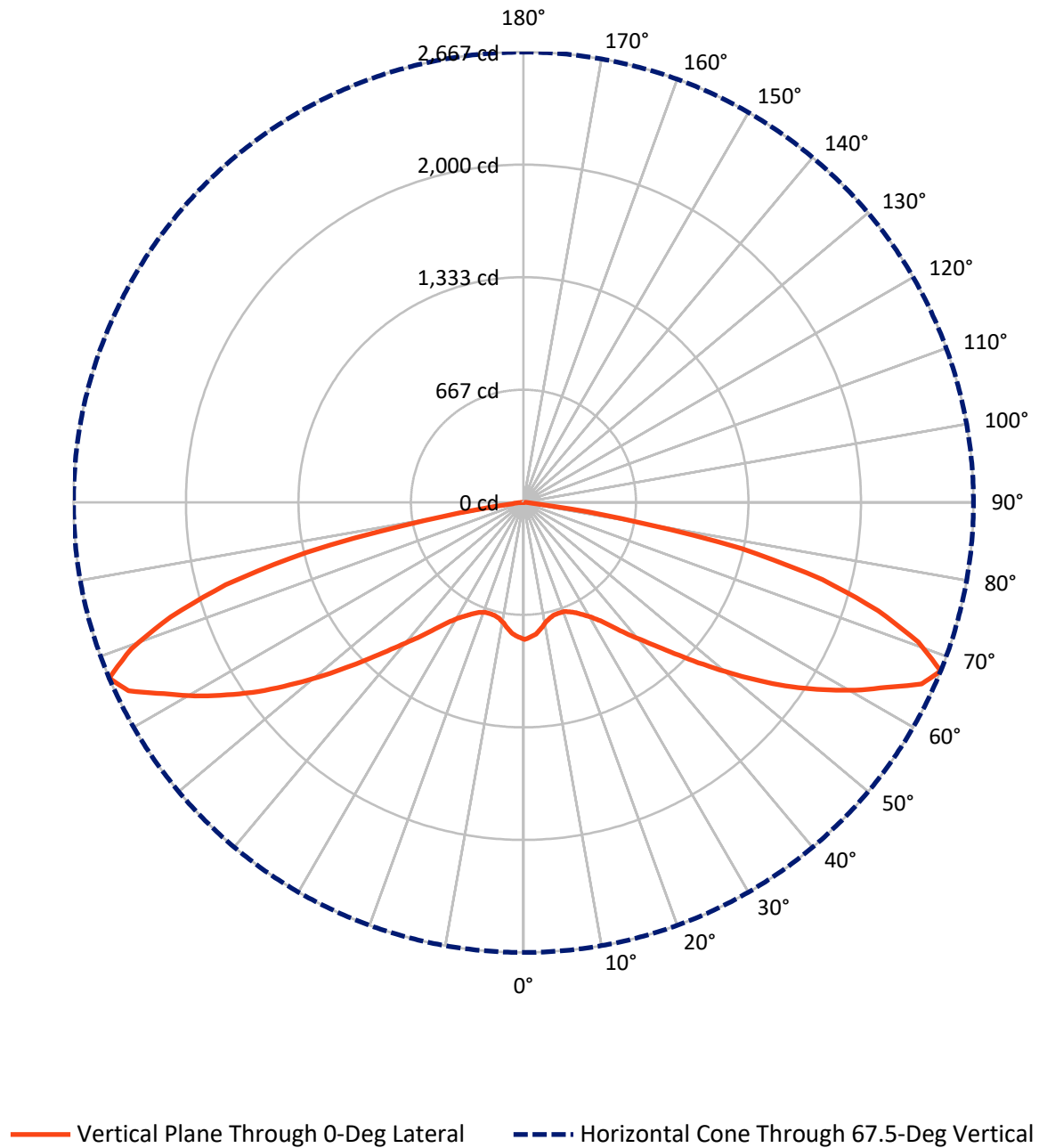


Based on 25 foot mounting height. Maximum calculated value = 1.3 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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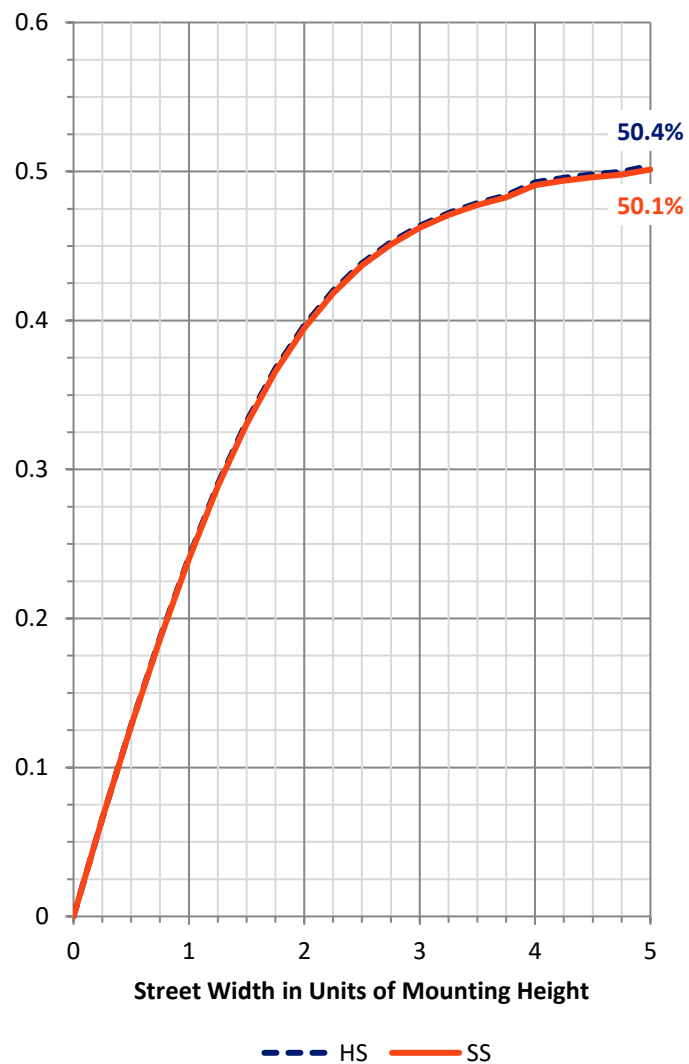
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4176.5	0.0	4176.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4176.5	0.0	4176.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	8352.9	0.0	8352.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.8	0.9
10°-20°	197.1	2.4
20°-30°	339.7	4.1
30°-40°	576.8	6.9
40°-50°	1017.7	12.2
50°-60°	1734.4	20.8
60°-70°	2494.6	29.9
70°-80°	1814.0	21.7
80°-90°	105.8	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°	8352.9	100.0
0°-180°	8352.9	100.0

Coefficient of Utilization



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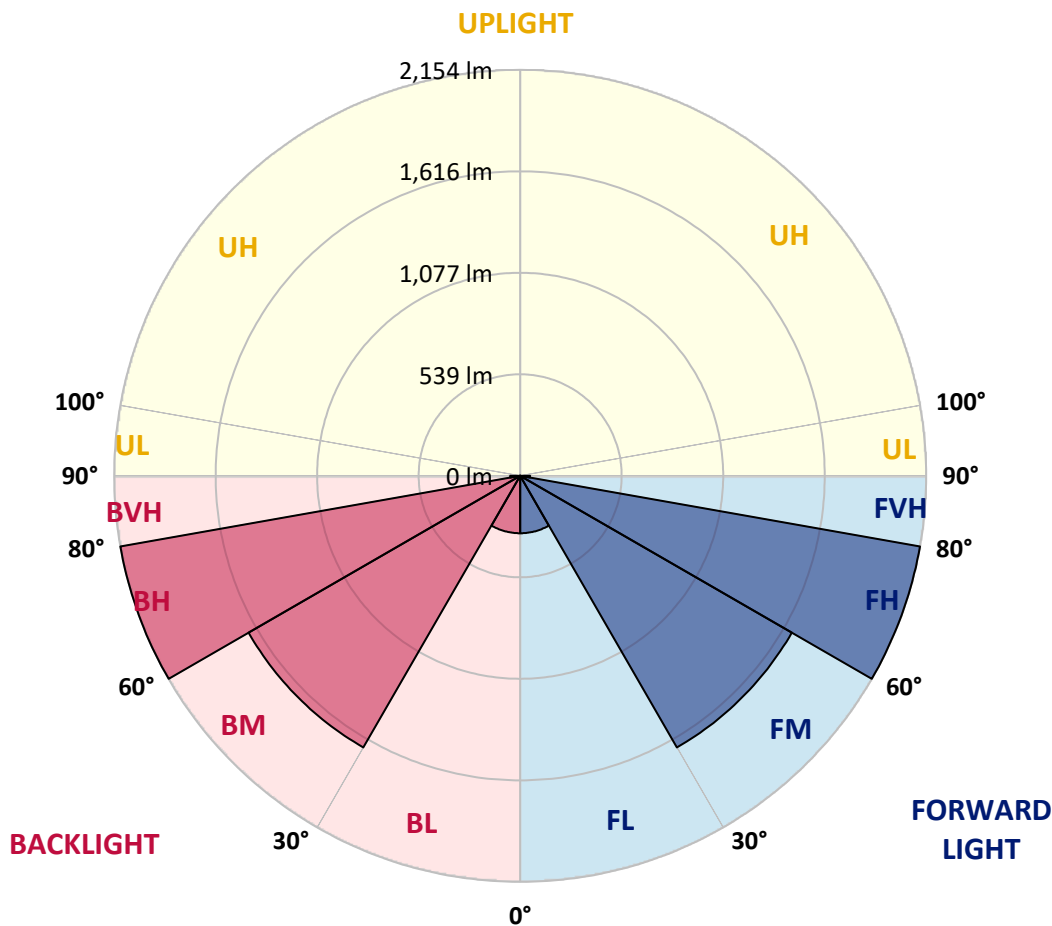
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	304.8	3.6			
FM	(30°-60°)	1664.4	19.9			
FH	(60°-80°)	2154.3	25.8			G2/5000
FVH	(80°-90°)	52.9	0.6			G1/100
BL	(0°-30°)	304.8	3.6	B1/500		
BM	(30°-60°)	1664.4	19.9	B2/2500		
BH	(60°-80°)	2154.3	25.8	B3/2500		G2/5000
BVH	(80°-90°)	52.9	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°	812.4
2.5°	799.2
5°	783.4
7.5°	754.4
10°	722.7
12.5°	701.6
15°	691.1
17.5°	688.4
20°	691.1
22.5°	704.2
25°	725.3
27.5°	754.4
30°	788.6
32.5°	836.1
35°	902.1
37.5°	983.8
40°	1068.2
42.5°	1171.1
45°	1292.4
47.5°	1434.9
50°	1590.5
52.5°	1756.7
55°	1930.7
57.5°	2094.3
60°	2260.4
62.5°	2413.4
65°	2592.8
67.5°	2666.6
70°	2482.0
72.5°	2197.1
75°	1830.5
77.5°	1321.4
80°	590.8
82.5°	76.5
85°	15.8
87.5°	2.6
90°	0.0

(END OF REPORT)