

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: P691633

Luminaire Tested: **CRTK2-C018-5TLD-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691633
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-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: 8114 lumens
Efficiency: N/A
Efficacy: 151.1 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



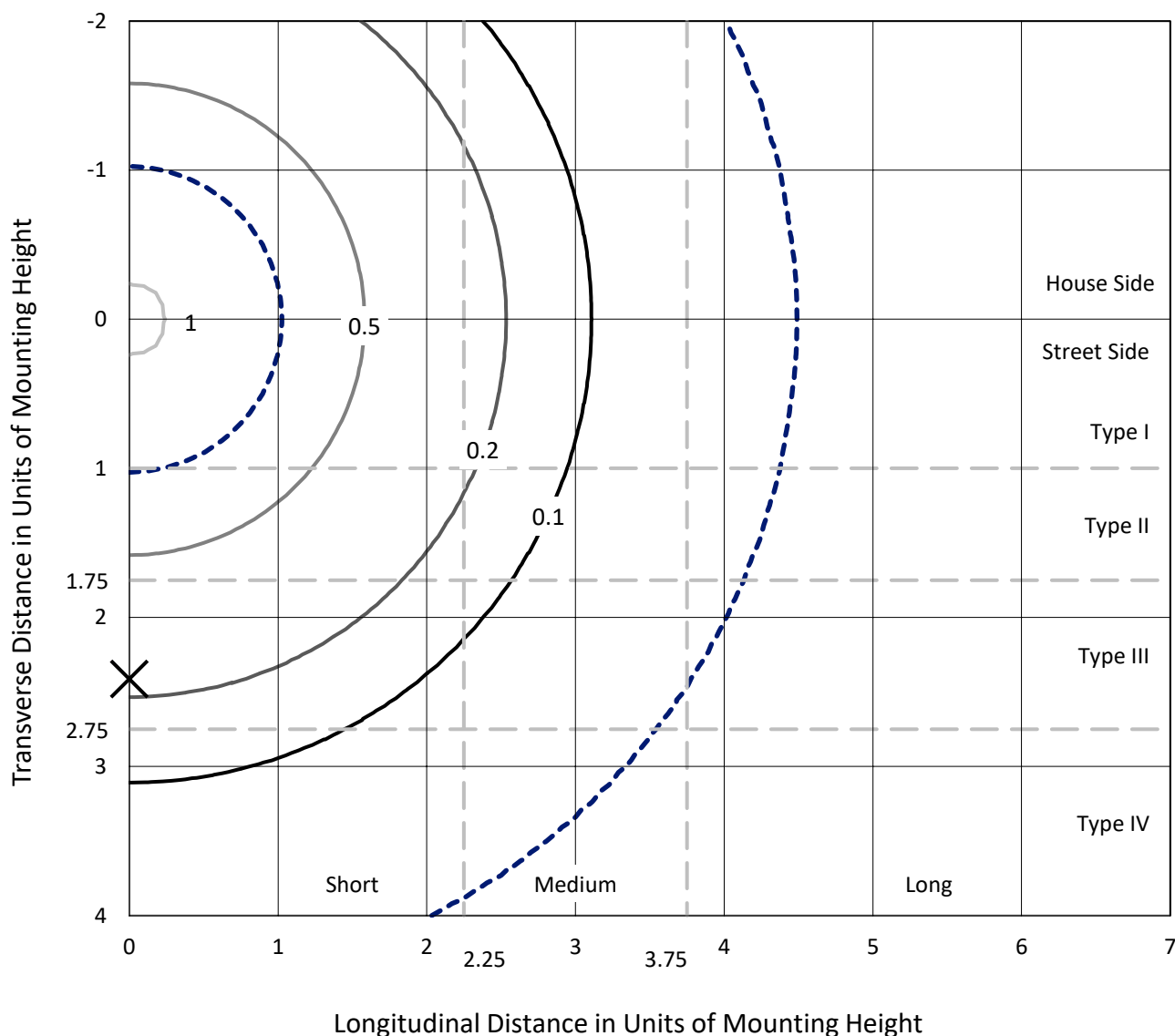
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

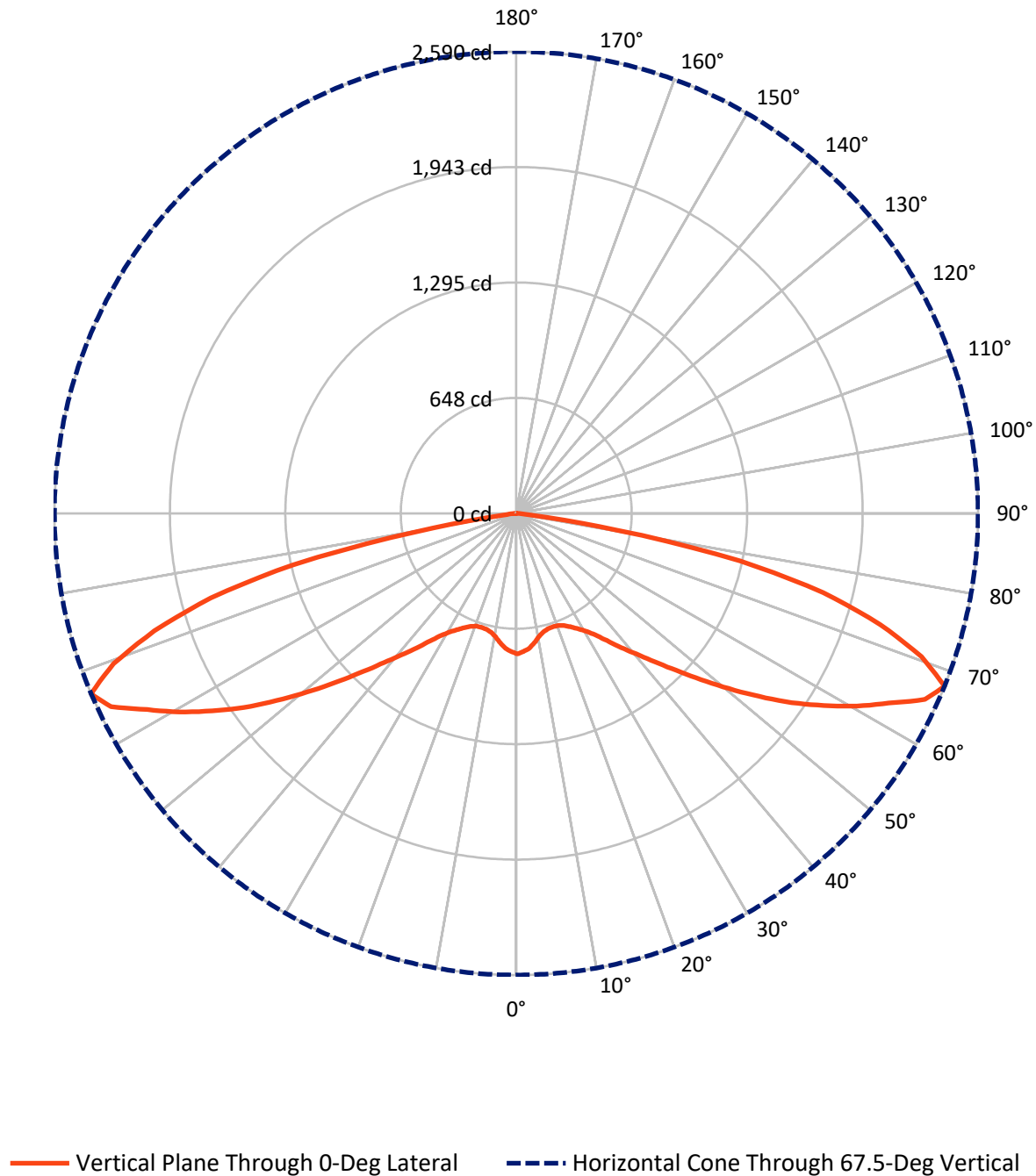


Based on 25 foot mounting height. Maximum calculated value = 1.3 fc

Type V - Short - N/A

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Luminous Intensity Polar Plot



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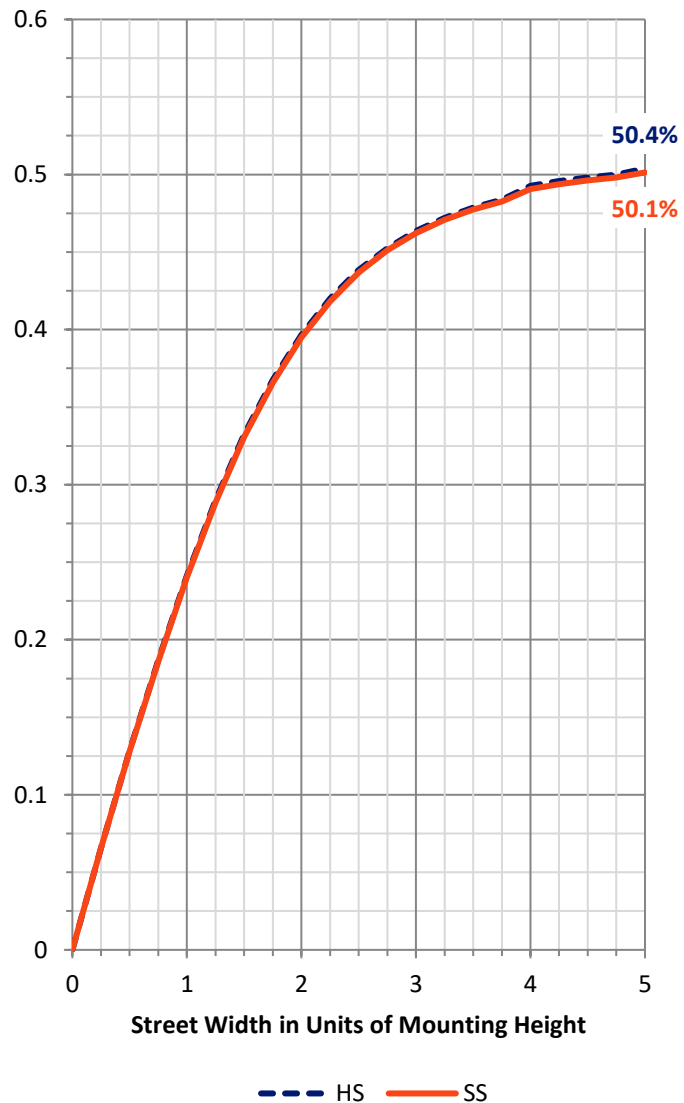
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4057.0	0.0	4057.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4057.0	0.0	4057.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8114.0	0.0	8114.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	0.9
10°-20°	191.5	2.4
20°-30°	330.0	4.1
30°-40°	560.3	6.9
40°-50°	988.6	12.2
50°-60°	1684.8	20.8
60°-70°	2423.3	29.9
70°-80°	1762.1	21.7
80°-90°	102.9	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°	8114.0	100.0
0°-180°	8114.0	100.0

Coefficient of Utilization



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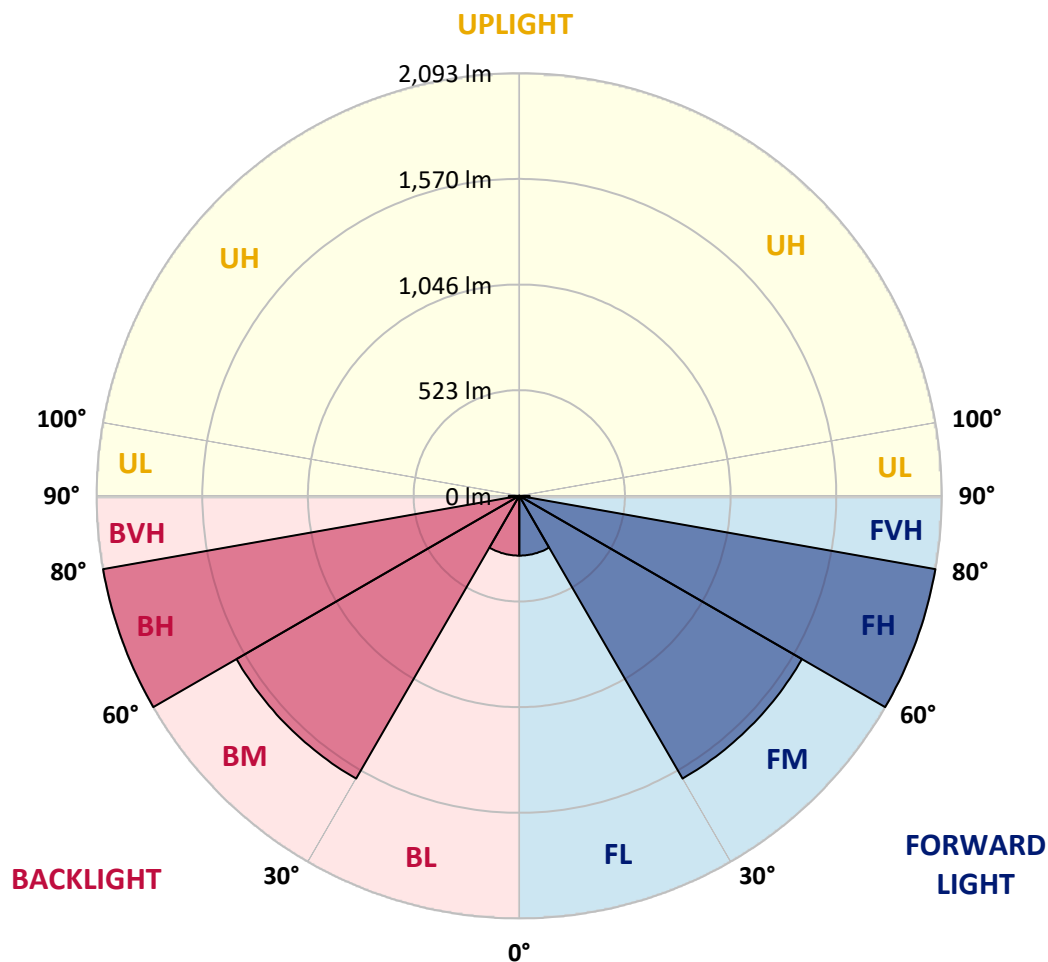
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	296.1	3.6			
FM	(30°-60°)	1616.8	19.9			
FH	(60°-80°)	2092.7	25.8			G2/5000
FVH	(80°-90°)	51.4	0.6			G1/100
BL	(0°-30°)	296.1	3.6	B1/500		
BM	(30°-60°)	1616.8	19.9	B2/2500		
BH	(60°-80°)	2092.7	25.8	B3/2500		G2/5000
BVH	(80°-90°)	51.4	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°	789.1
2.5°	776.3
5°	761.0
7.5°	732.8
10°	702.0
12.5°	681.5
15°	671.3
17.5°	668.7
20°	671.3
22.5°	684.1
25°	704.6
27.5°	732.8
30°	766.1
32.5°	812.2
35°	876.3
37.5°	955.7
40°	1037.7
42.5°	1137.6
45°	1255.5
47.5°	1393.8
50°	1545.0
52.5°	1706.4
55°	1875.5
57.5°	2034.3
60°	2195.8
62.5°	2344.4
65°	2518.6
67.5°	2590.3
70°	2411.0
72.5°	2134.3
75°	1778.1
77.5°	1283.6
80°	573.9
82.5°	74.3
85°	15.4
87.5°	2.6
90°	0.0

(END OF REPORT)