

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: P691272

Luminaire Tested: **CRTK2-C015-5TLD-U-T5R-7040-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691272
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-C015-5TLD-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: 5159 lumens
Efficiency: N/A
Efficacy: 157.8 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 32.7
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



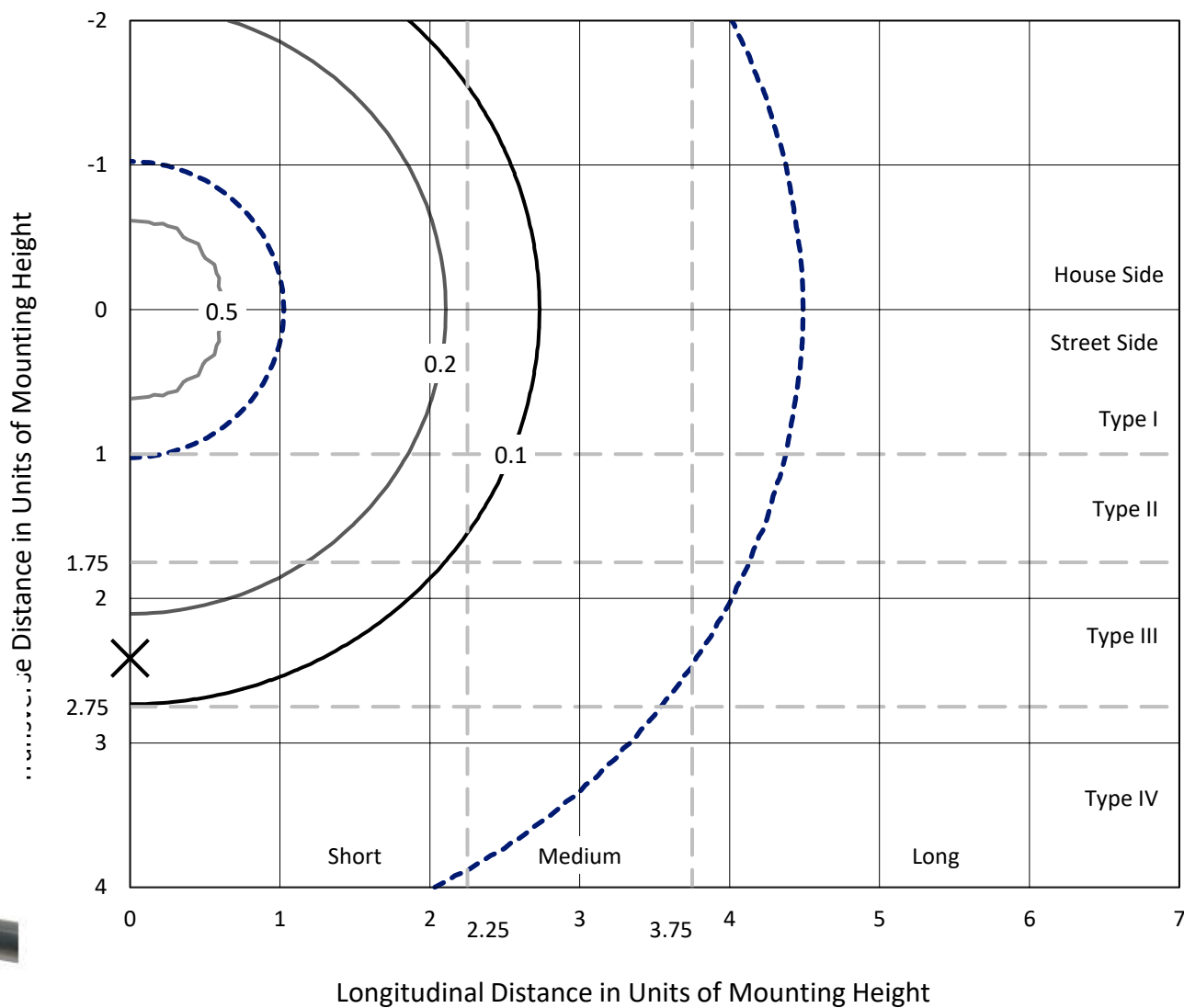
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

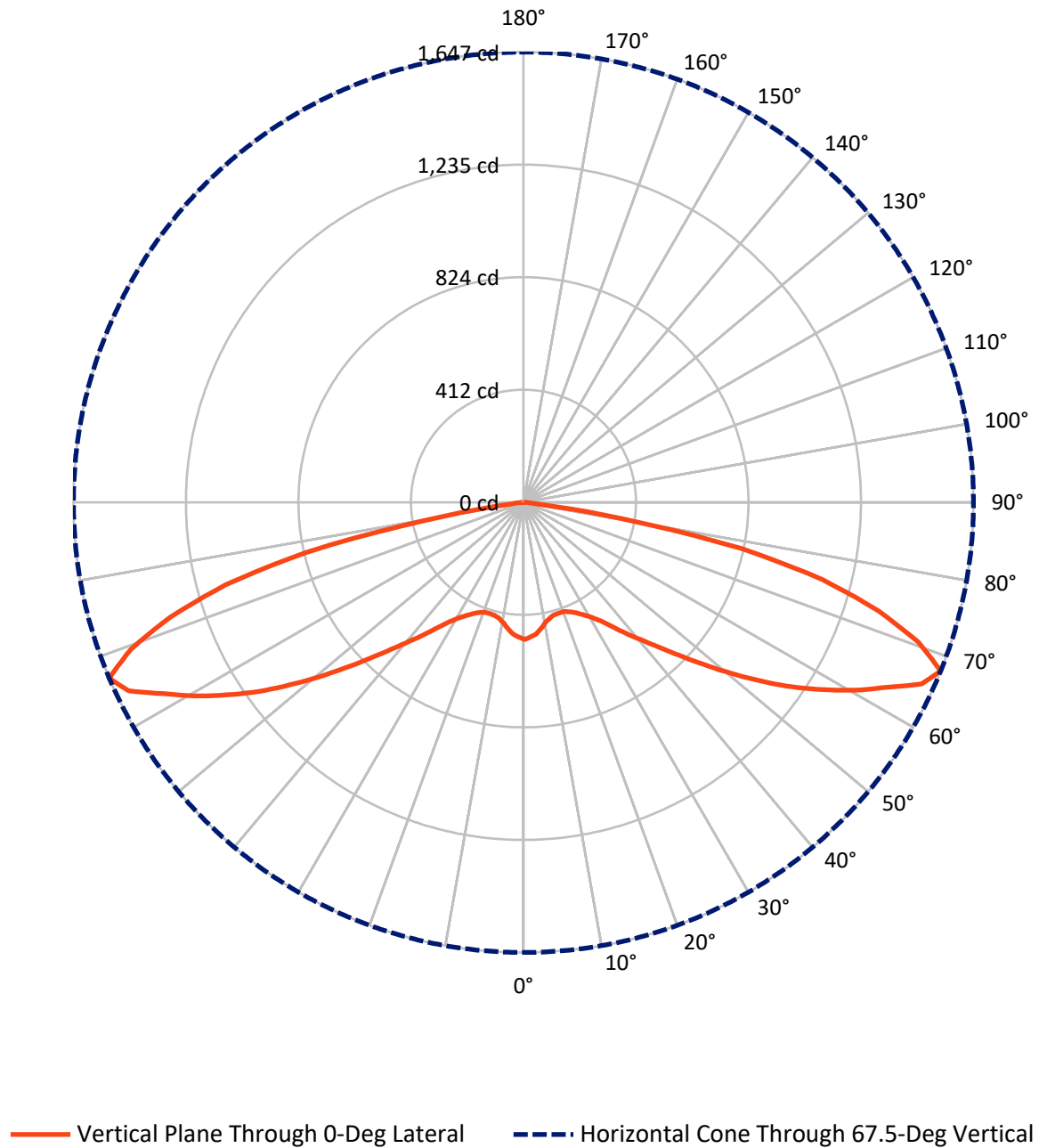


Based on 25 foot mounting height. Maximum calculated value = 0.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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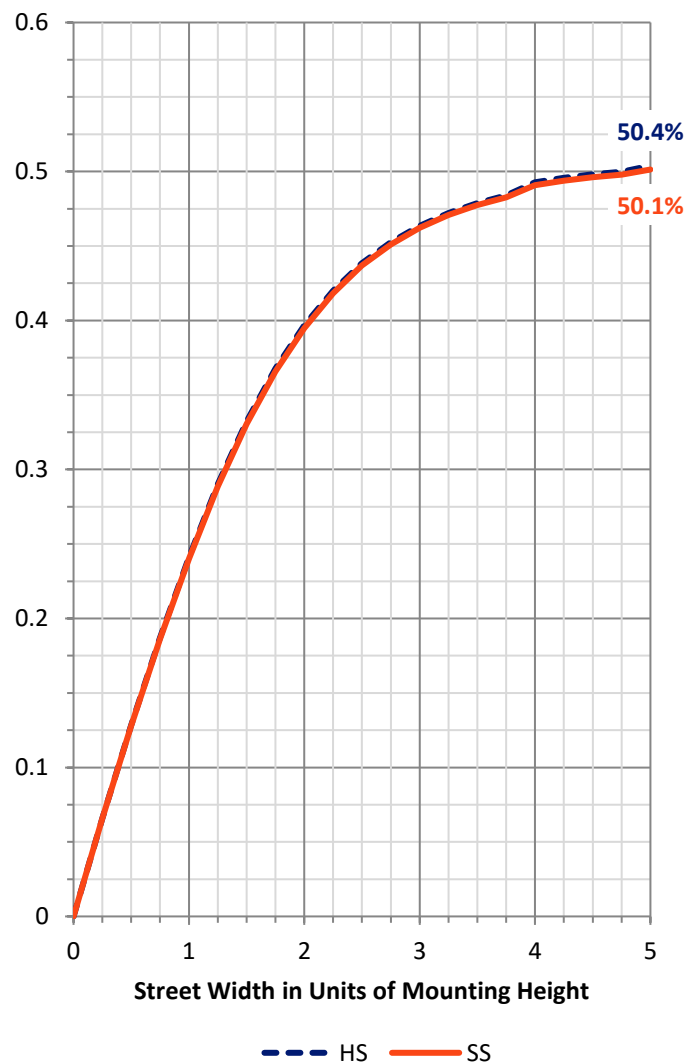
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2579.5	0.0	2579.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2579.5	0.0	2579.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5159.0	0.0	5159.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.9	0.9
10°-20°	121.8	2.4
20°-30°	209.8	4.1
30°-40°	356.2	6.9
40°-50°	628.5	12.2
50°-60°	1071.2	20.8
60°-70°	1540.8	29.9
70°-80°	1120.4	21.7
80°-90°	65.4	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°	5159.0	100.0
0°-180°	5159.0	100.0

Coefficient of Utilization



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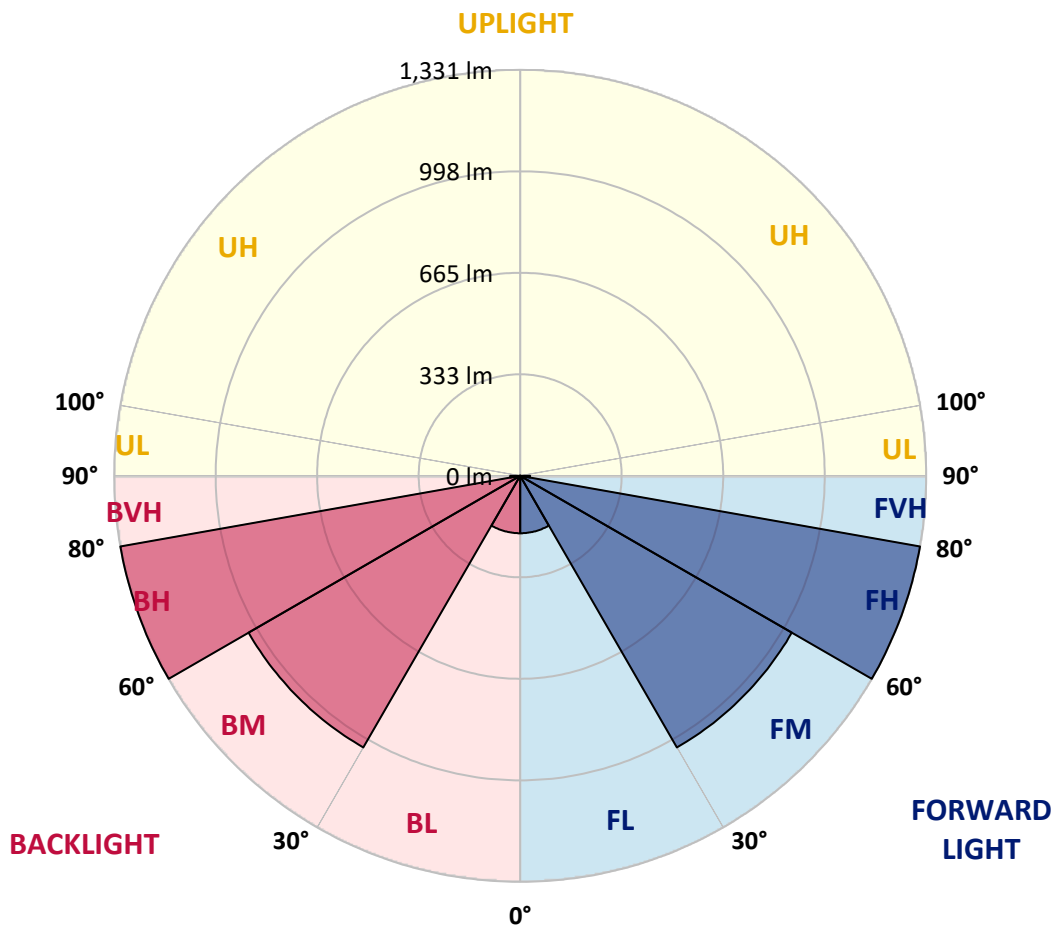
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	188.2	3.6			
FM	(30°-60°)	1028.0	19.9			
FH	(60°-80°)	1330.6	25.8			G1/1800
FVH	(80°-90°)	32.7	0.6			G1/100
BL	(0°-30°)	188.2	3.6	B1/500		
BM	(30°-60°)	1028.0	19.9	B2/2500		
BH	(60°-80°)	1330.6	25.8	B3/2500		G1/1800
BVH	(80°-90°)	32.7	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°	501.7
2.5°	493.6
5°	483.8
7.5°	465.9
10°	446.4
12.5°	433.3
15°	426.8
17.5°	425.2
20°	426.8
22.5°	435.0
25°	448.0
27.5°	465.9
30°	487.1
32.5°	516.4
35°	557.1
37.5°	607.6
40°	659.8
42.5°	723.3
45°	798.2
47.5°	886.2
50°	982.3
52.5°	1084.9
55°	1192.5
57.5°	1293.5
60°	1396.1
62.5°	1490.6
65°	1601.4
67.5°	1647.0
70°	1532.9
72.5°	1357.0
75°	1130.6
77.5°	816.2
80°	364.9
82.5°	47.2
85°	9.8
87.5°	1.6
90°	0.0

(END OF REPORT)