

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: P691102

Luminaire Tested: **CRTK2-C013-5TLD-U-T5R-8027-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691102
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-C013-5TLD-U-T5R-8027-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 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: 3287 lumens
Efficiency: N/A
Efficacy: 141.7 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 23.2
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

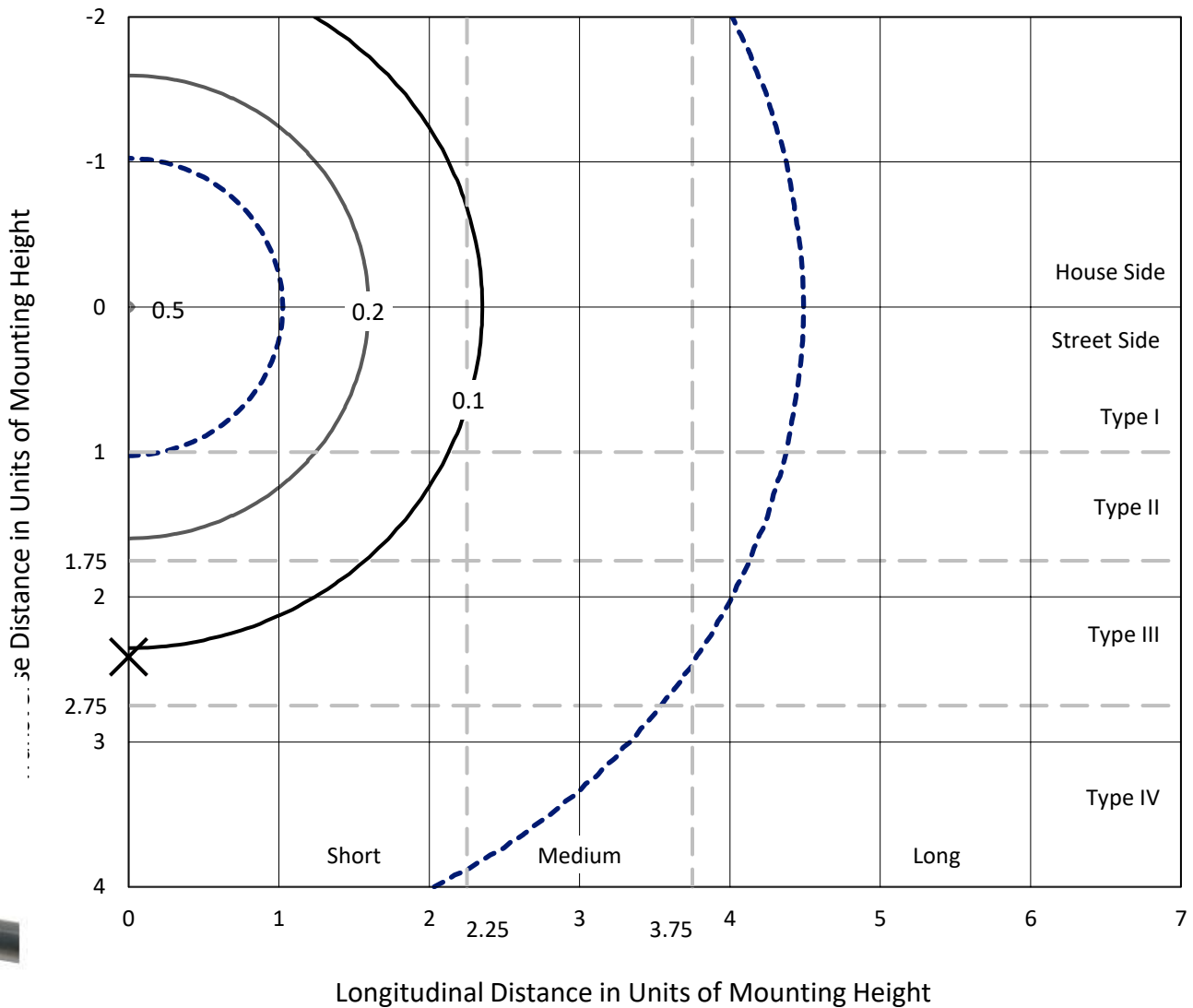


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

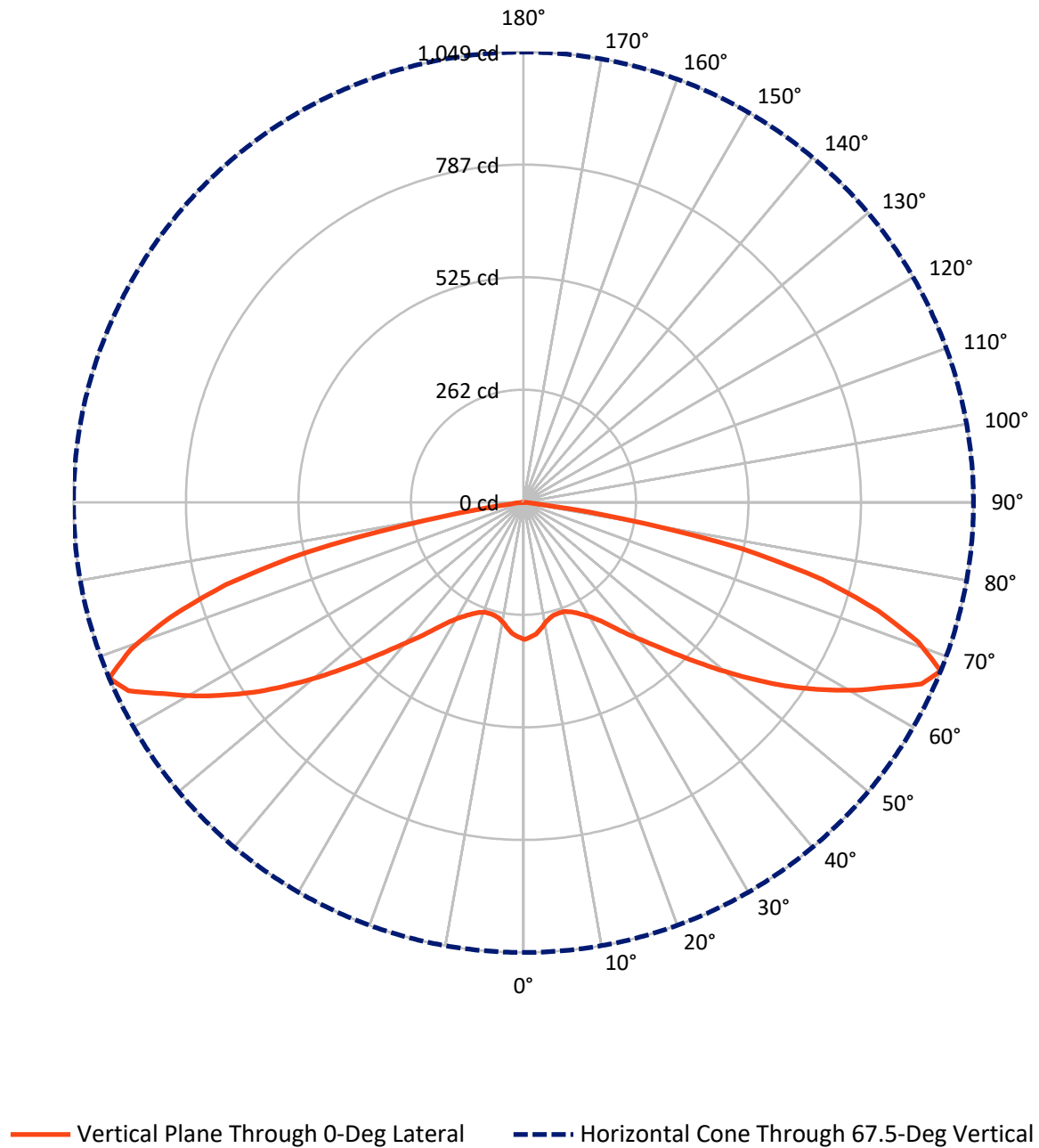


Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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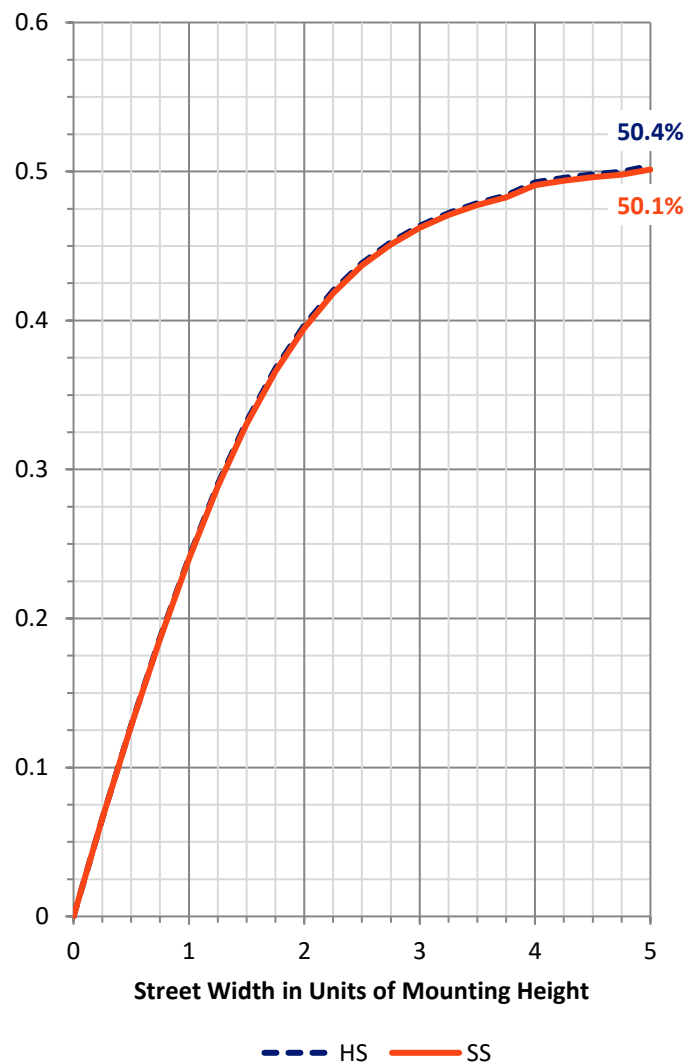
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1643.5	0.0	1643.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1643.5	0.0	1643.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3287.0	0.0	3287.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.6	0.9
10°-20°	77.6	2.4
20°-30°	133.6	4.1
30°-40°	227.0	6.9
40°-50°	400.5	12.2
50°-60°	682.5	20.8
60°-70°	981.7	29.9
70°-80°	713.8	21.7
80°-90°	41.6	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°	3287.0	100.0
0°-180°	3287.0	100.0

Coefficient of Utilization



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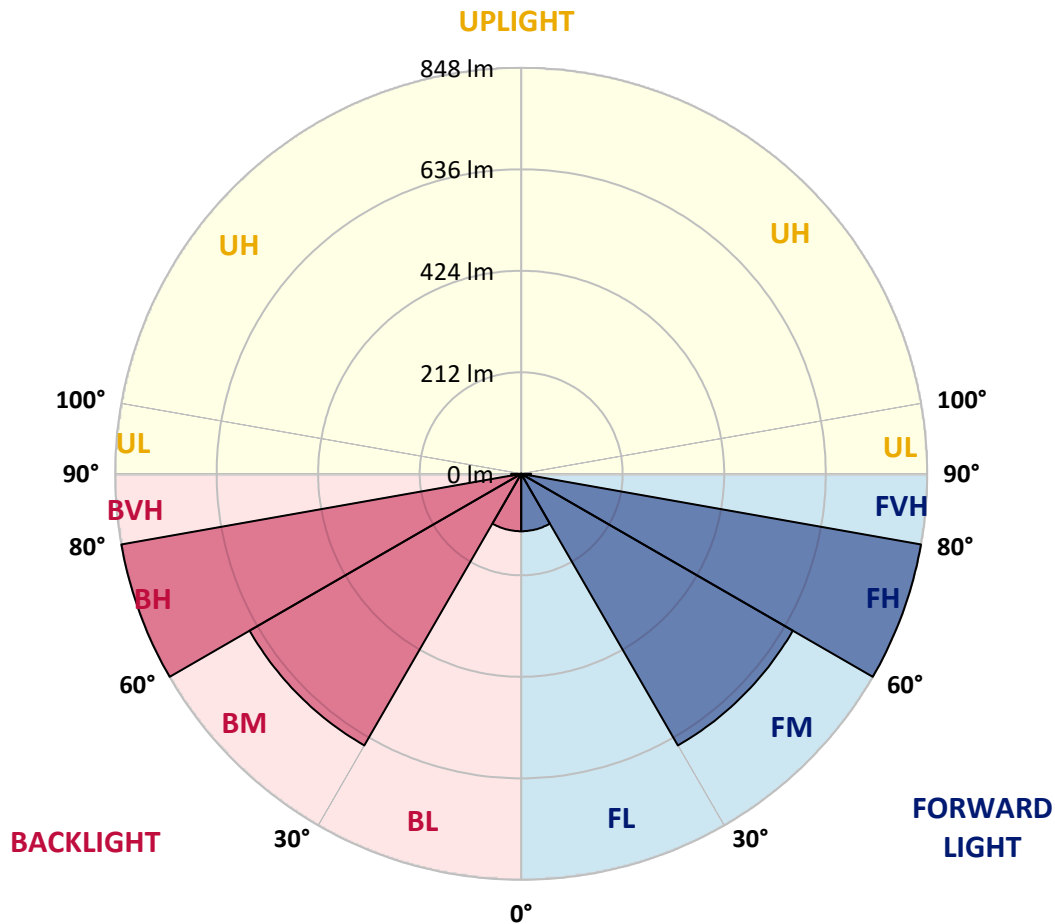
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	119.9	3.6			
FM	(30°-60°)	655.0	19.9			
FH	(60°-80°)	847.8	25.8			G1/1800
FVH	(80°-90°)	20.8	0.6			G1/100
BL	(0°-30°)	119.9	3.6	B1/500		
BM	(30°-60°)	655.0	19.9	B1/1000		
BH	(60°-80°)	847.8	25.8	B2/1000		G1/1800
BVH	(80°-90°)	20.8	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	319.7
2.5°	314.5
5°	308.3
7.5°	296.8
10°	284.4
12.5°	276.1
15°	271.9
17.5°	270.9
20°	271.9
22.5°	277.1
25°	285.4
27.5°	296.8
30°	310.3
32.5°	329.0
35°	355.0
37.5°	387.1
40°	420.4
42.5°	460.8
45°	508.6
47.5°	564.6
50°	625.9
52.5°	691.3
55°	759.8
57.5°	824.1
60°	889.5
62.5°	949.7
65°	1020.3
67.5°	1049.4
70°	976.7
72.5°	864.6
75°	720.3
77.5°	520.0
80°	232.5
82.5°	30.1
85°	6.2
87.5°	1.0
90°	0.0

(END OF REPORT)