

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: P691286

Luminaire Tested: **CRTK2-C015-5TLD-U-T5R-8027-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691286
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-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: 4531 lumens
Efficiency: N/A
Efficacy: 138.6 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

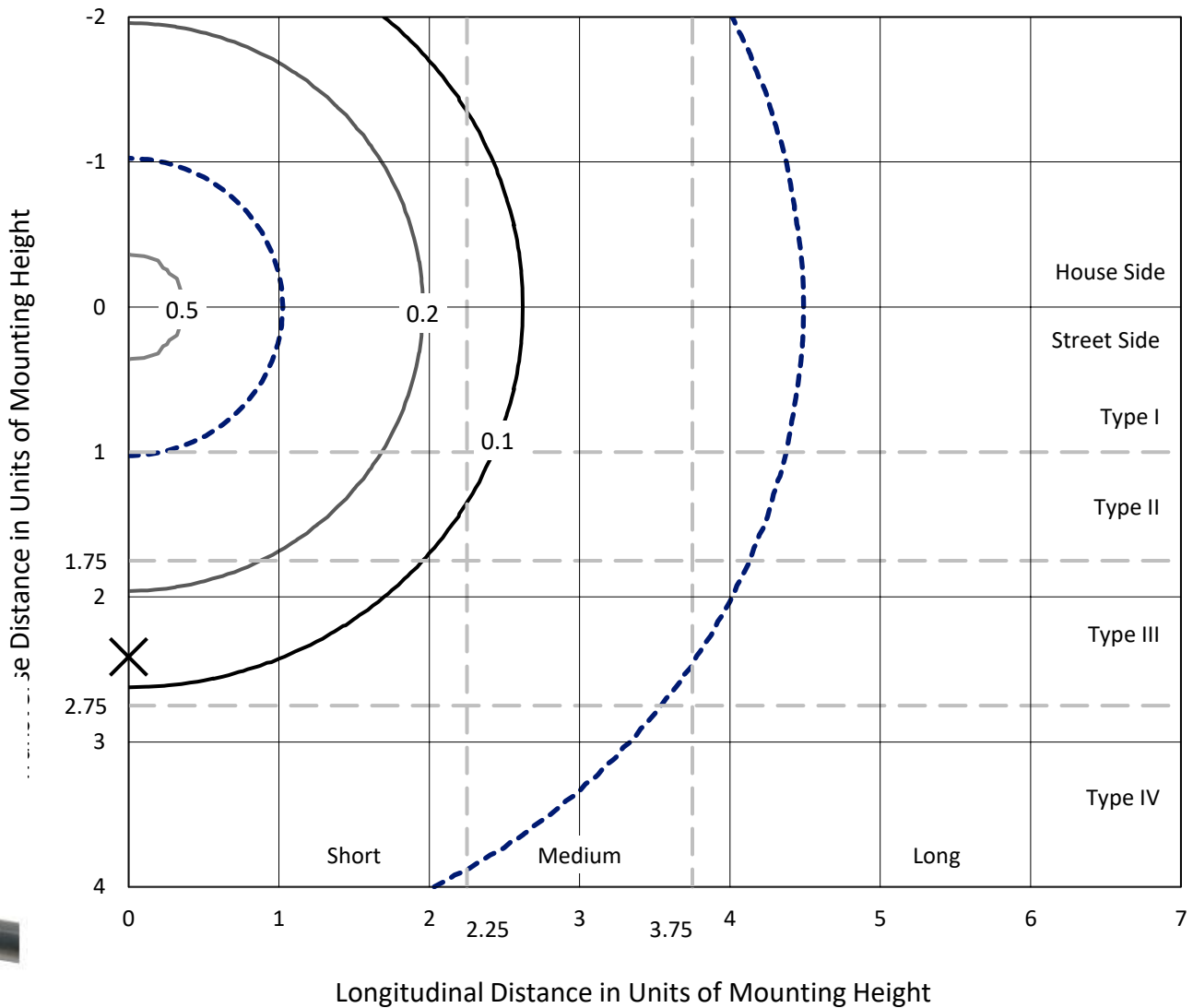


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

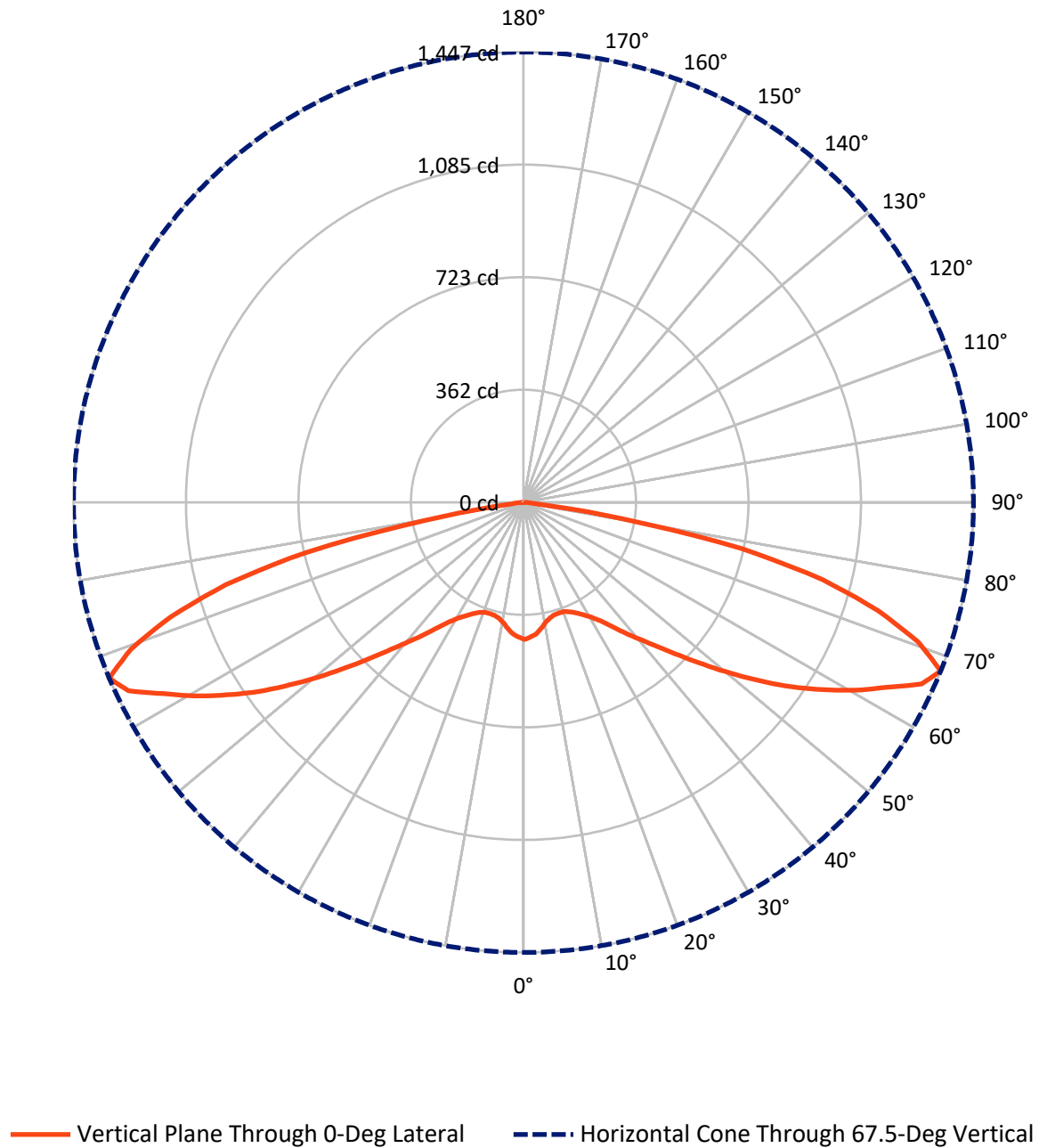


Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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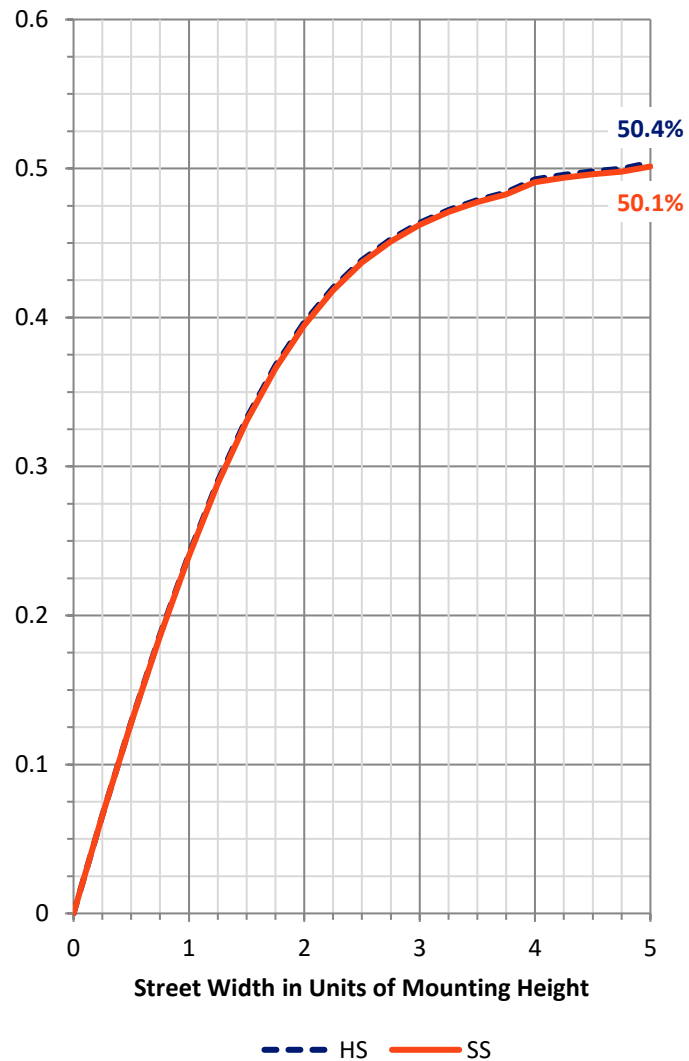
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2265.5	0.0	2265.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2265.5	0.0	2265.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	4531.0	0.0	4531.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.5	0.9
10°-20°	106.9	2.4
20°-30°	184.3	4.1
30°-40°	312.9	6.9
40°-50°	552.0	12.2
50°-60°	940.8	20.8
60°-70°	1353.2	29.9
70°-80°	984.0	21.7
80°-90°	57.4	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°	4531.0	100.0
0°-180°	4531.0	100.0

Coefficient of Utilization



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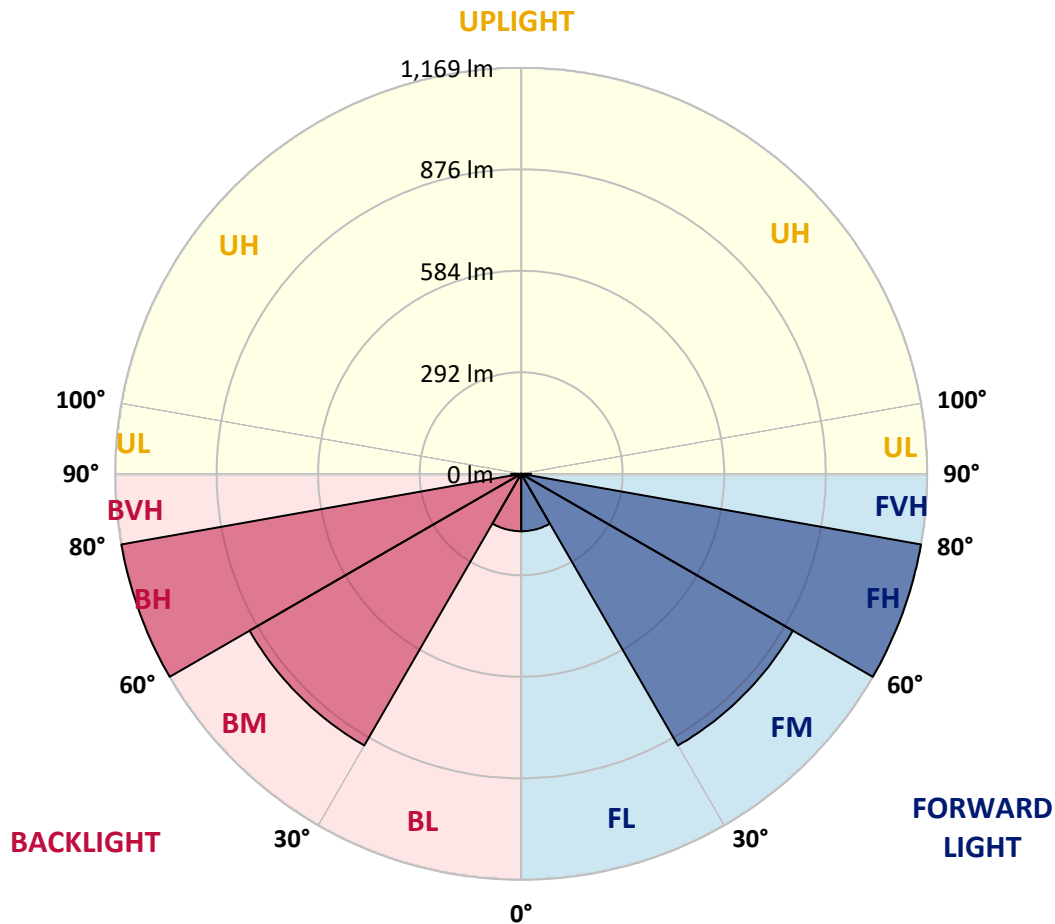
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	165.3	3.6			
FM	(30°-60°)	902.9	19.9			
FH	(60°-80°)	1168.6	25.8			G1/1800
FVH	(80°-90°)	28.7	0.6			G1/100
BL	(0°-30°)	165.3	3.6	B1/500		
BM	(30°-60°)	902.9	19.9	B1/1000		
BH	(60°-80°)	1168.6	25.8	B3/2500		G1/1800
BVH	(80°-90°)	28.7	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°	440.7
2.5°	433.5
5°	424.9
7.5°	409.2
10°	392.0
12.5°	380.6
15°	374.9
17.5°	373.4
20°	374.9
22.5°	382.0
25°	393.5
27.5°	409.2
30°	427.8
32.5°	453.5
35°	489.3
37.5°	533.7
40°	579.5
42.5°	635.3
45°	701.1
47.5°	778.3
50°	862.7
52.5°	952.9
55°	1047.3
57.5°	1136.0
60°	1226.2
62.5°	1309.1
65°	1406.4
67.5°	1446.5
70°	1346.3
72.5°	1191.8
75°	992.9
77.5°	716.8
80°	320.5
82.5°	41.5
85°	8.6
87.5°	1.4
90°	0.0

(END OF REPORT)