

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: P691838

Luminaire Tested: **CRTK2-C01H-5TLD-U-T5R-8027-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691838
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-C01H-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: 9300 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 74.9
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



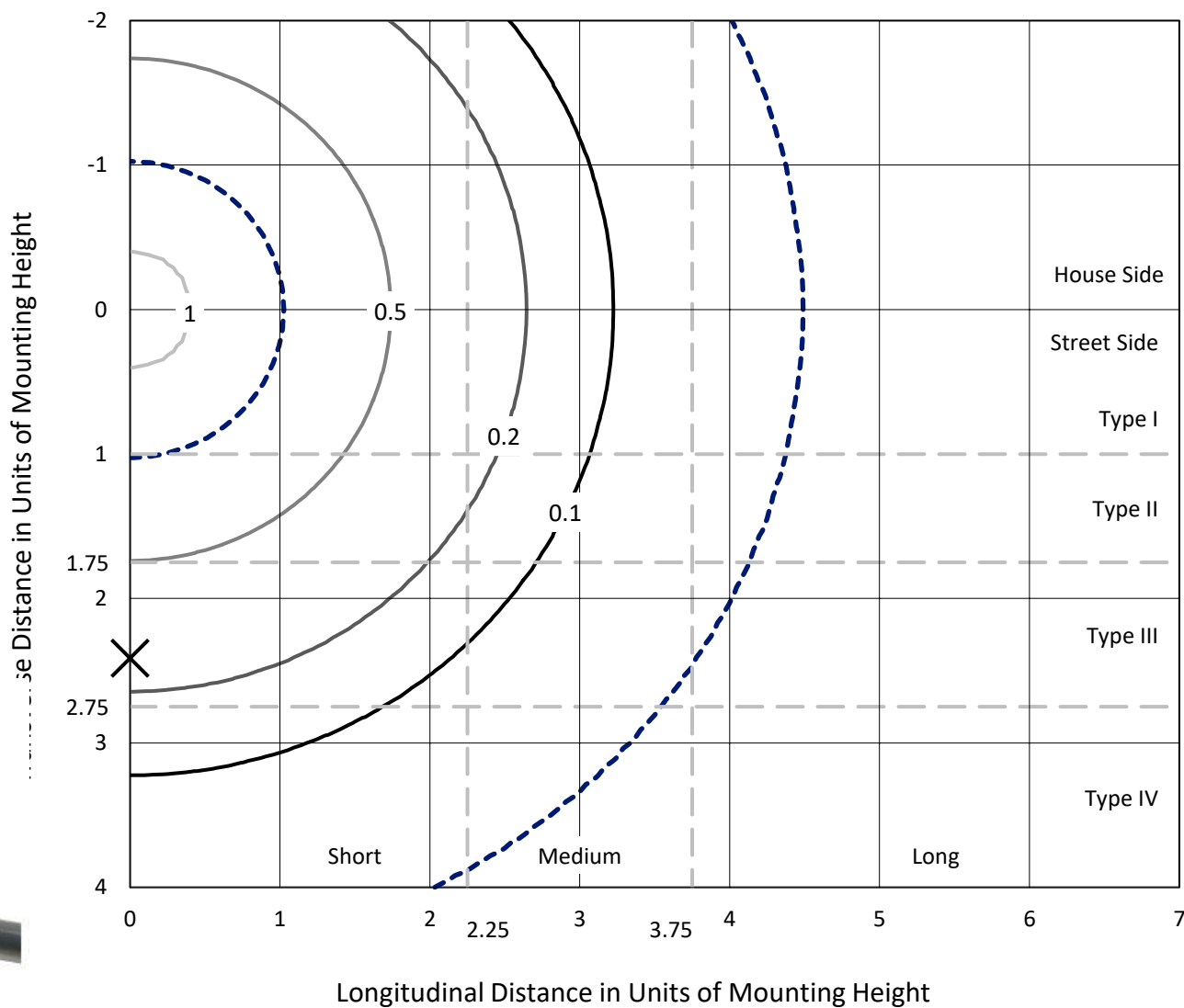
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

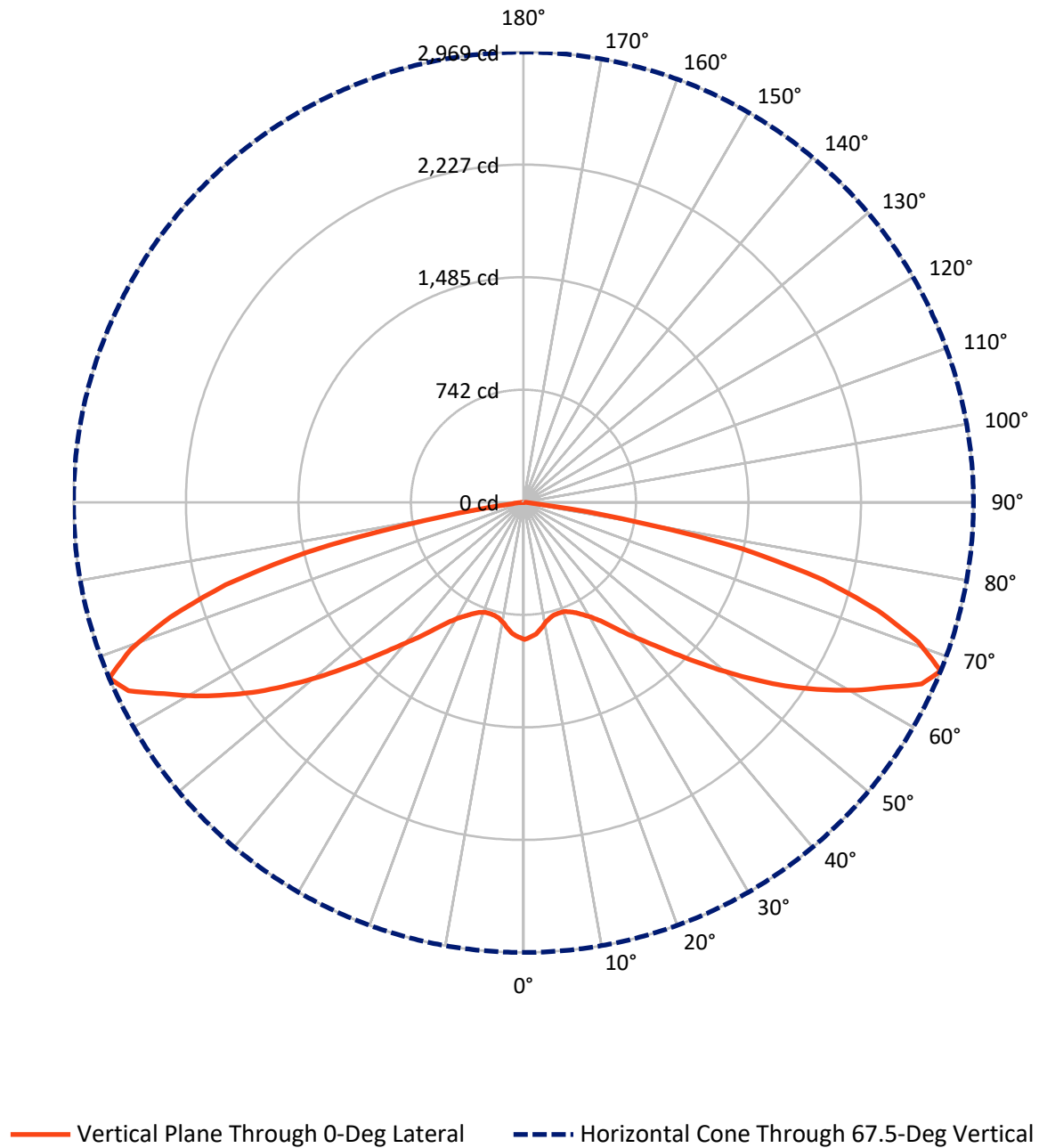
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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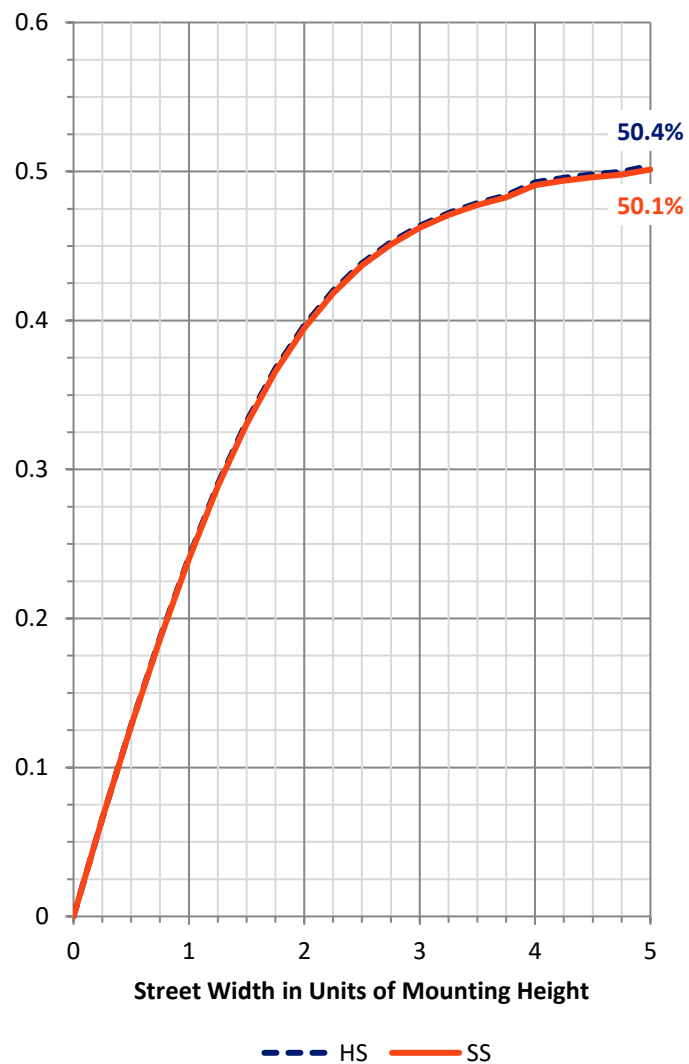
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4650.0	0.0	4650.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4650.0	0.0	4650.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9300.0	0.0	9300.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.0	0.9
10°-20°	219.5	2.4
20°-30°	378.2	4.1
30°-40°	642.2	6.9
40°-50°	1133.1	12.2
50°-60°	1931.0	20.8
60°-70°	2777.5	29.9
70°-80°	2019.7	21.7
80°-90°	117.9	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°	9300.0	100.0
0°-180°	9300.0	100.0

Coefficient of Utilization



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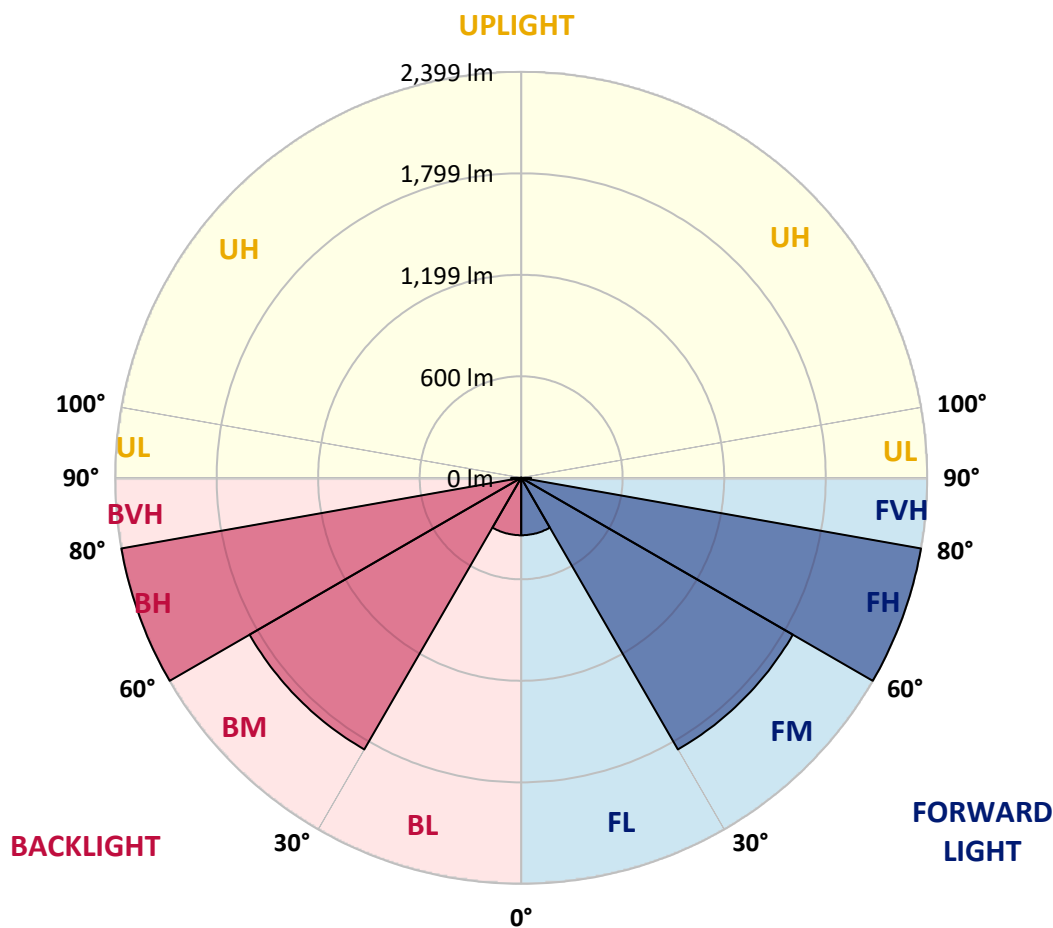
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	339.3	3.6			
FM	(30°-60°)	1853.1	19.9			
FH	(60°-80°)	2398.6	25.8			G2/5000
FVH	(80°-90°)	58.9	0.6			G1/100
BL	(0°-30°)	339.3	3.6	B1/500		
BM	(30°-60°)	1853.1	19.9	B2/2500		
BH	(60°-80°)	2398.6	25.8	B3/2500		G2/5000
BVH	(80°-90°)	58.9	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°	904.5
2.5°	889.8
5°	872.2
7.5°	839.9
10°	804.6
12.5°	781.1
15°	769.4
17.5°	766.5
20°	769.4
22.5°	784.1
25°	807.6
27.5°	839.9
30°	878.1
32.5°	930.9
35°	1004.3
37.5°	1095.4
40°	1189.3
42.5°	1303.9
45°	1439.0
47.5°	1597.5
50°	1770.8
52.5°	1955.8
55°	2149.6
57.5°	2331.7
60°	2516.7
62.5°	2687.0
65°	2886.7
67.5°	2969.0
70°	2763.4
72.5°	2446.2
75°	2038.0
77.5°	1471.3
80°	657.8
82.5°	85.2
85°	17.6
87.5°	2.9
90°	0.0

(END OF REPORT)