

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: P691923

Luminaire Tested: **CRTK2-C01H-D-U-T5R-7050-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691923
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-D-U-T5R-7050-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 5000K LED WITH TYPE V ROUND OPTIC AND UO SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10350 lumens
Efficiency: N/A
Efficacy: 147.4 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

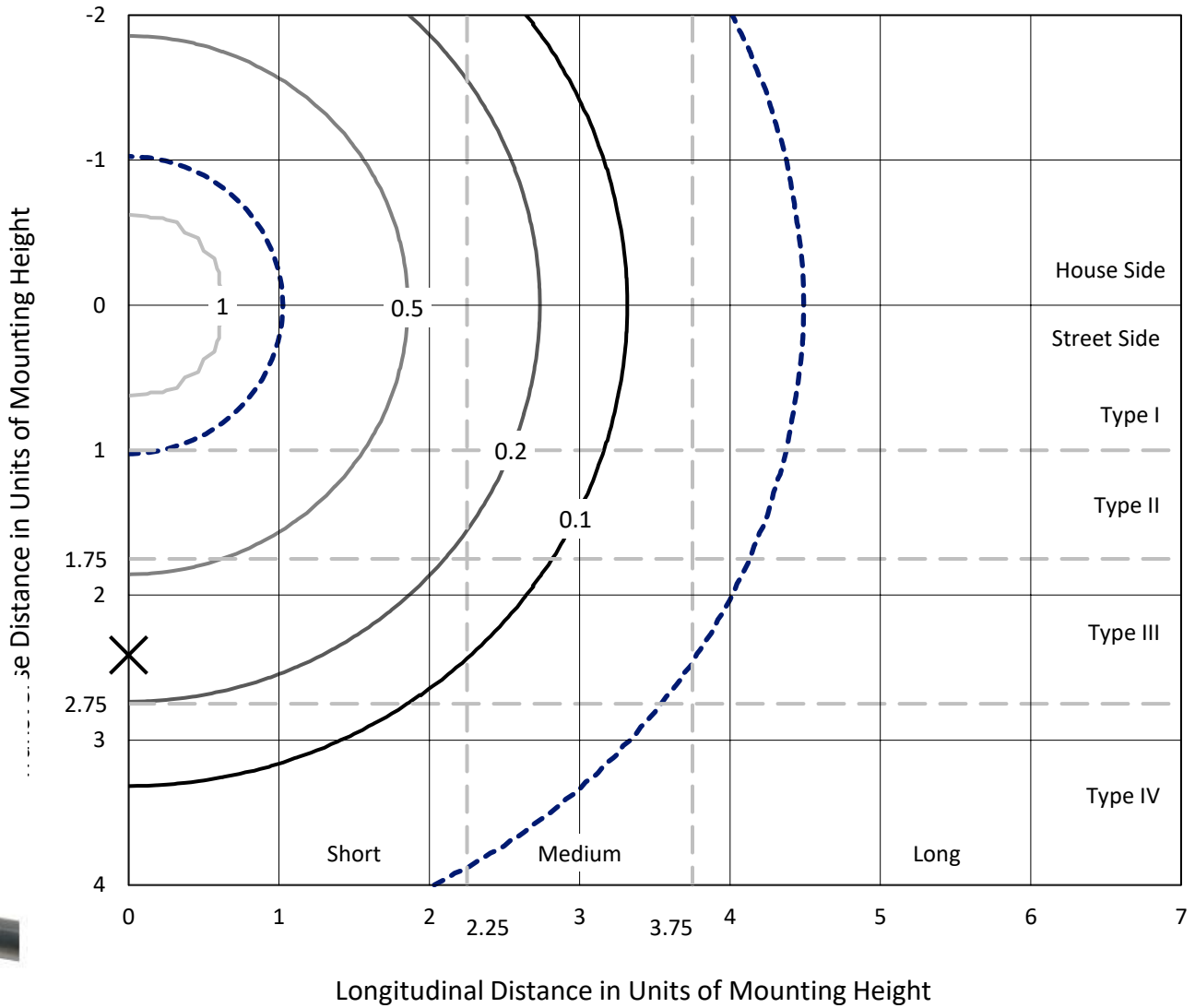
Input Watts (W): 70.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

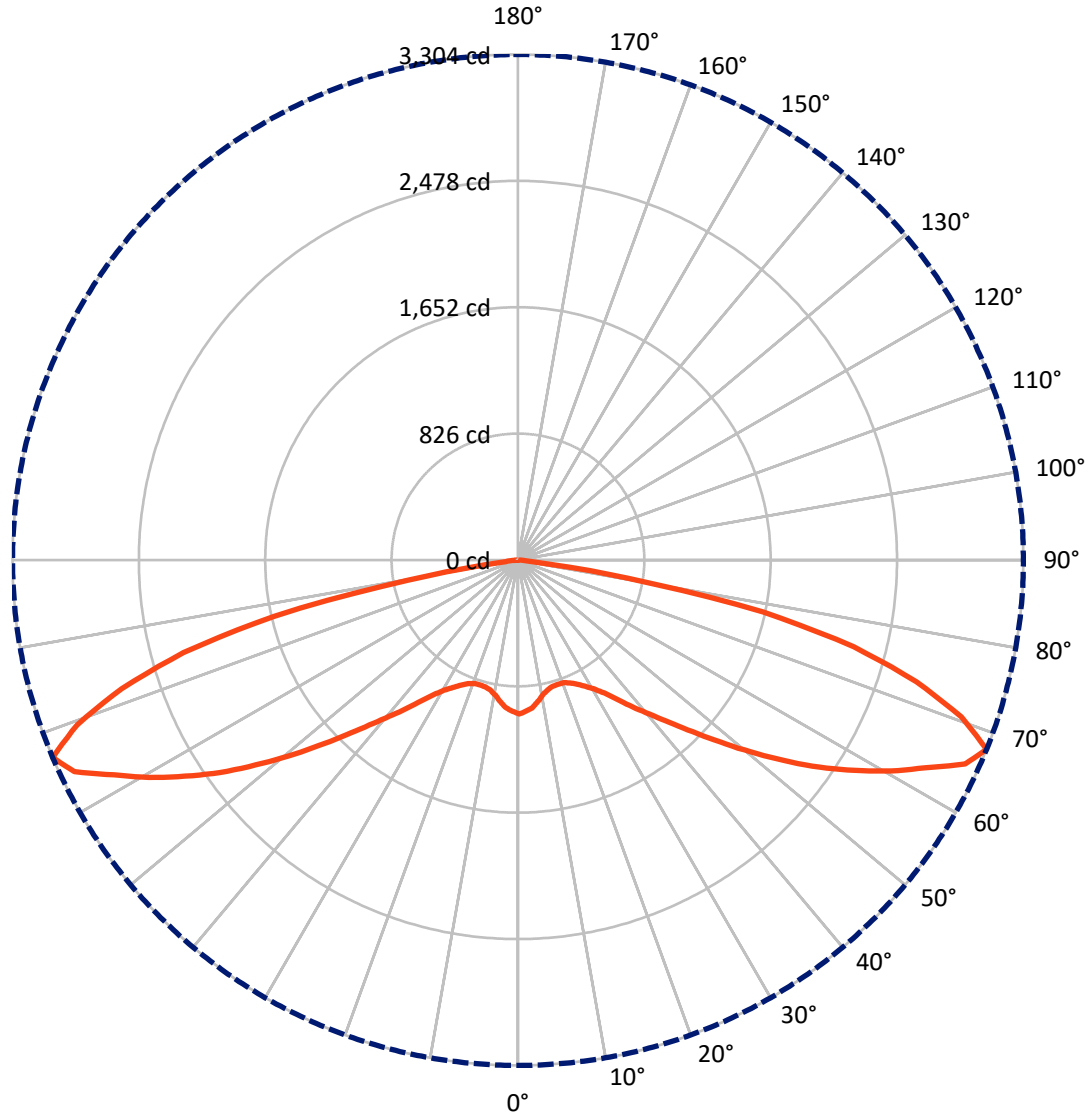
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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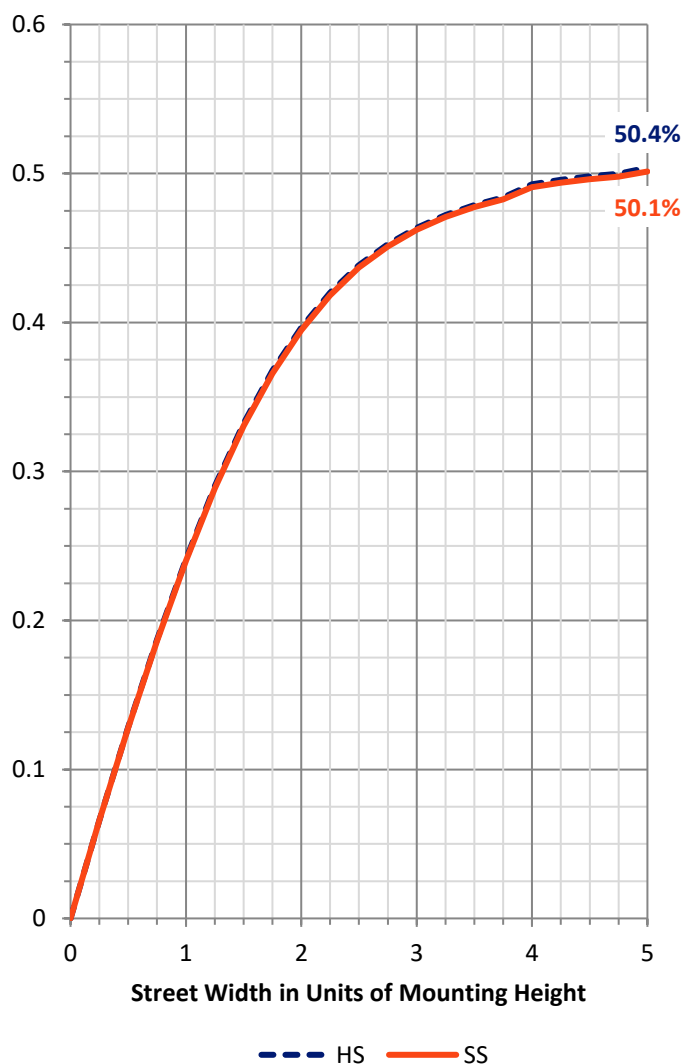
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5175.0	0.0	5175.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5175.0	0.0	5175.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	10350.0	0.0	10350.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.1	0.9
10°-20°	244.3	2.4
20°-30°	420.9	4.1
30°-40°	714.7	6.9
40°-50°	1261.0	12.2
50°-60°	2149.0	20.8
60°-70°	3091.1	29.9
70°-80°	2247.7	21.7
80°-90°	131.2	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°	10350.0	100.0
0°-180°	10350.0	100.0

Coefficient of Utilization



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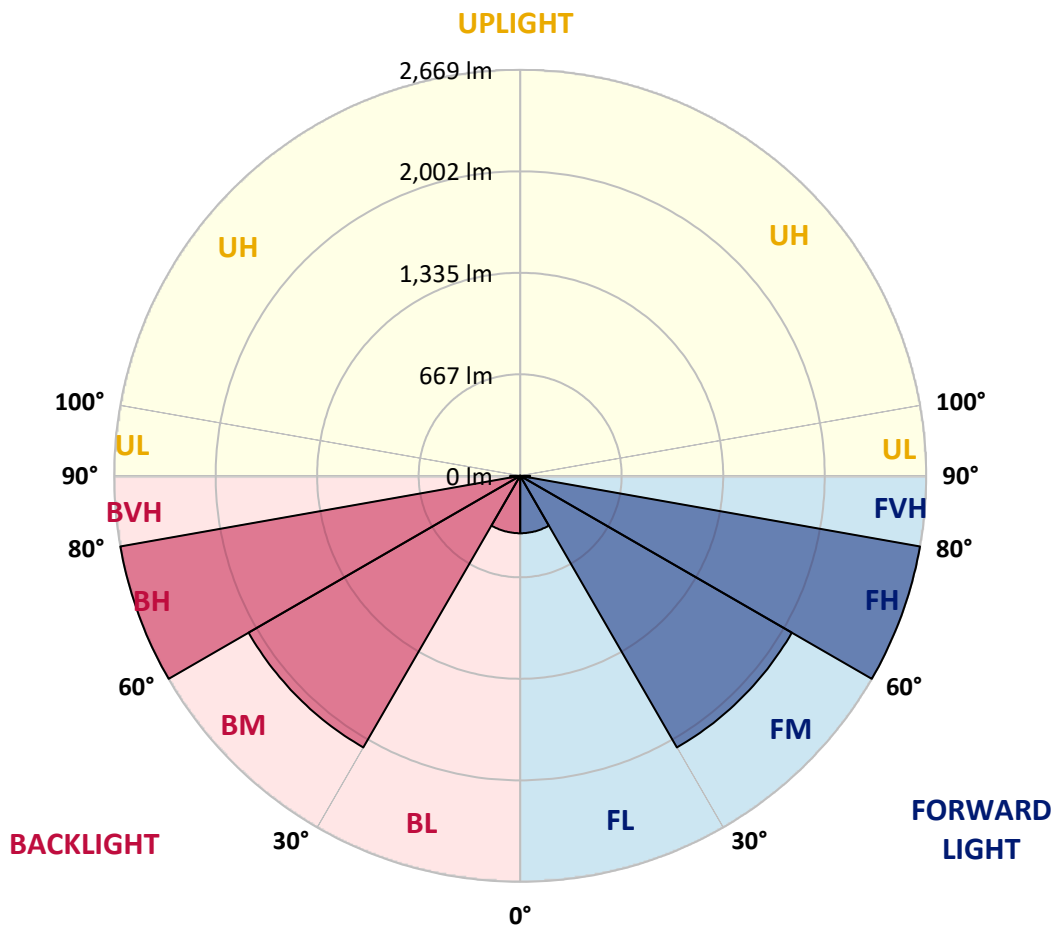
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	377.7	3.6			
FM (30°-60°)	2062.4	19.9			
FH (60°-80°)	2669.4	25.8			G2/5000
FVH (80°-90°)	65.6	0.6			G1/100
BL (0°-30°)	377.7	3.6	B1/500		
BM (30°-60°)	2062.4	19.9	B2/2500		
BH (60°-80°)	2669.4	25.8	B4/5000		G2/5000
BVH (80°-90°)	65.6	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1006.6
2.5°	990.3
5°	970.7
7.5°	934.7
10°	895.5
12.5°	869.3
15°	856.3
17.5°	853.0
20°	856.3
22.5°	872.6
25°	898.8
27.5°	934.7
30°	977.2
32.5°	1036.0
35°	1117.7
37.5°	1219.0
40°	1323.6
42.5°	1451.1
45°	1601.4
47.5°	1777.9
50°	1970.7
52.5°	2176.6
55°	2392.3
57.5°	2595.0
60°	2800.9
62.5°	2990.4
65°	3212.7
67.5°	3304.2
70°	3075.4
72.5°	2722.4
75°	2268.1
77.5°	1637.4
80°	732.1
82.5°	94.8
85°	19.6
87.5°	3.3
90°	0.0

(END OF REPORT)