

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: P692013

Luminaire Tested: **CRTK2-C01HO-D-U-T5R-7050-SR-CARETAKER**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P692013
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-21)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C01HO-D-U-T5R-7050-SR-CARETAKER
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 5000K LED WITH TYPE V ROUND OPTIC AND SR REFRACTOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12235 lumens
Efficiency: N/A
Efficacy: 154.9 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')
IES Classification: Type V - Short
BUG Rating: B4 - U3 - G3

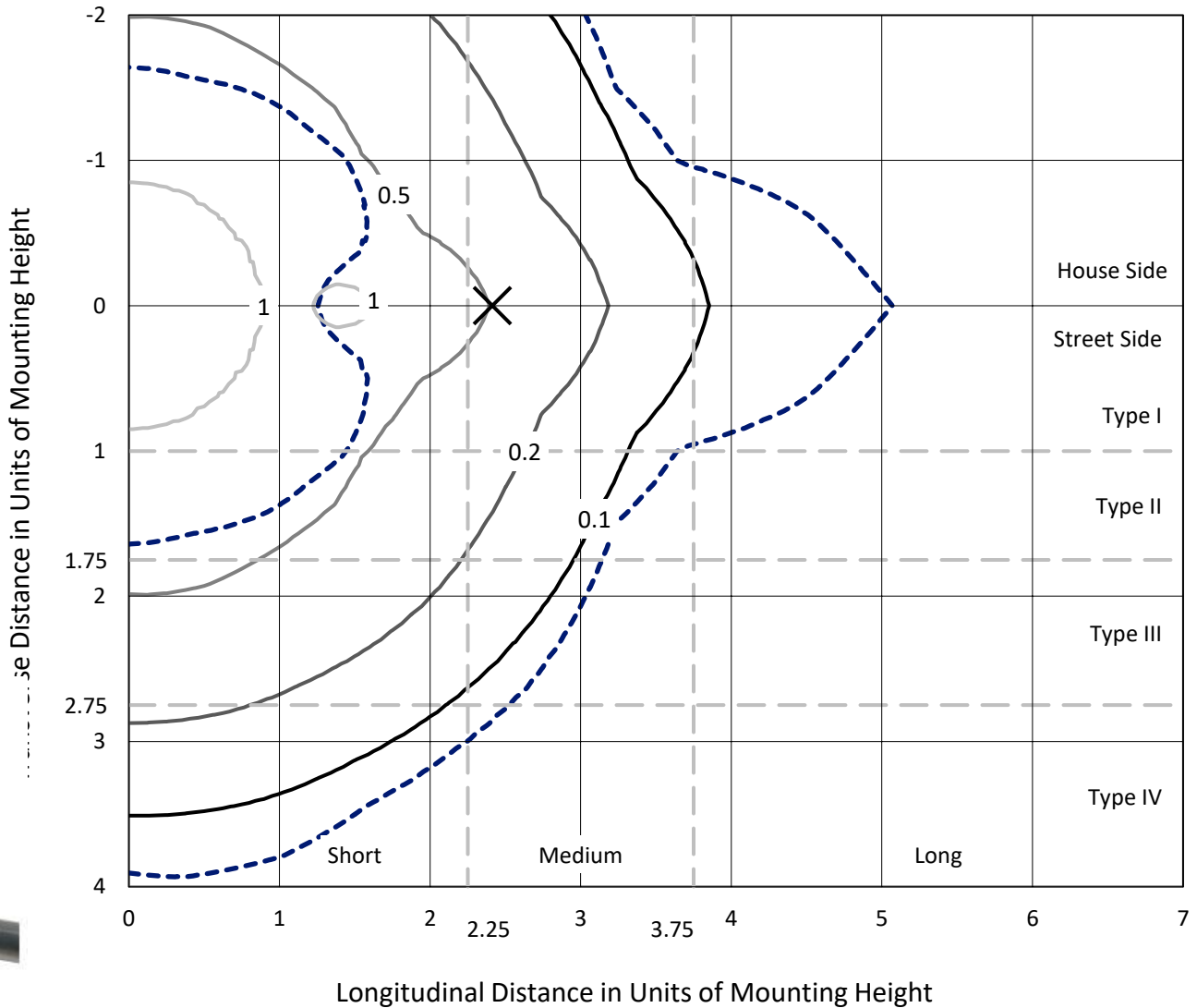
Input Watts (W): 79
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

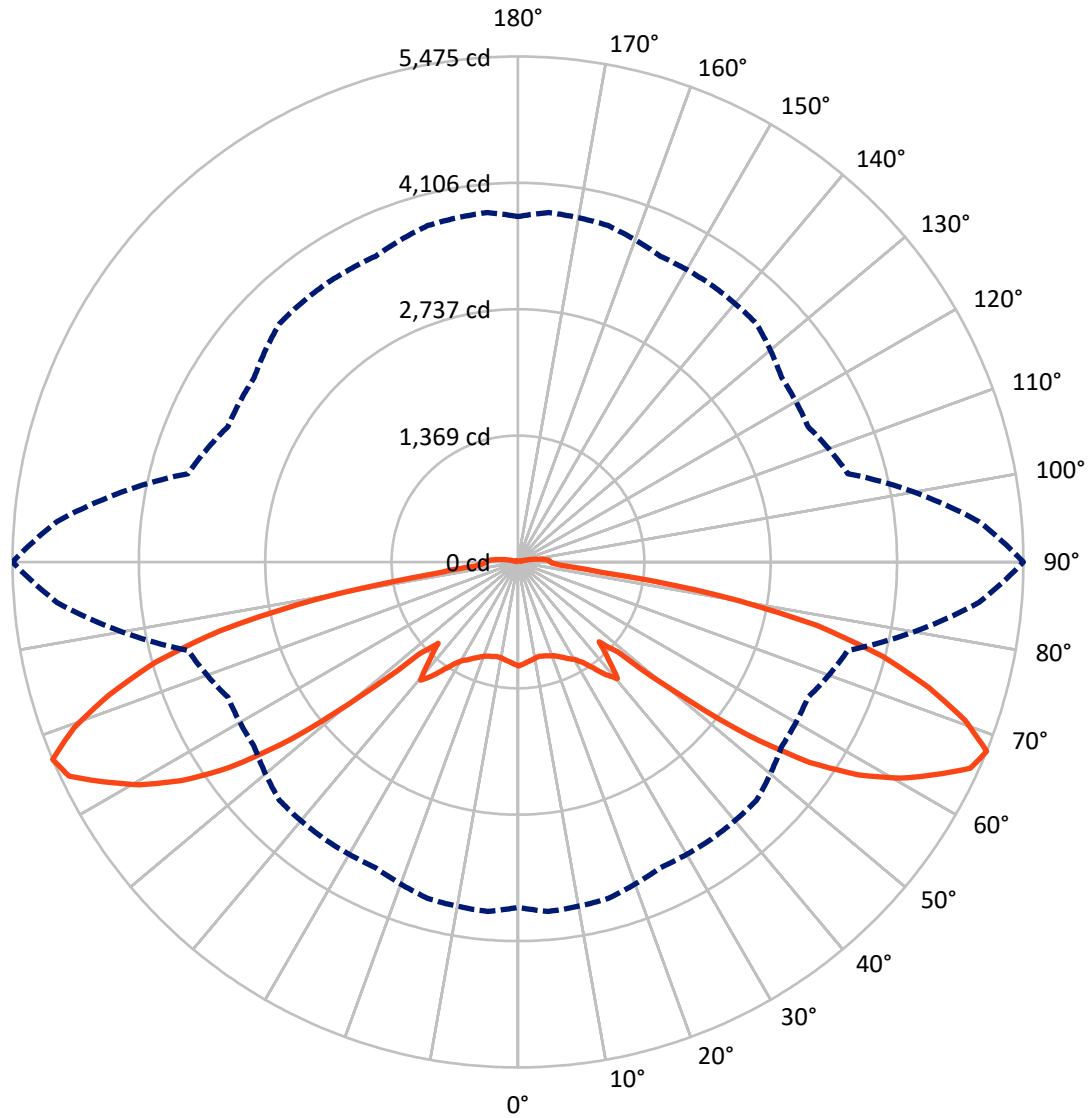
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 90-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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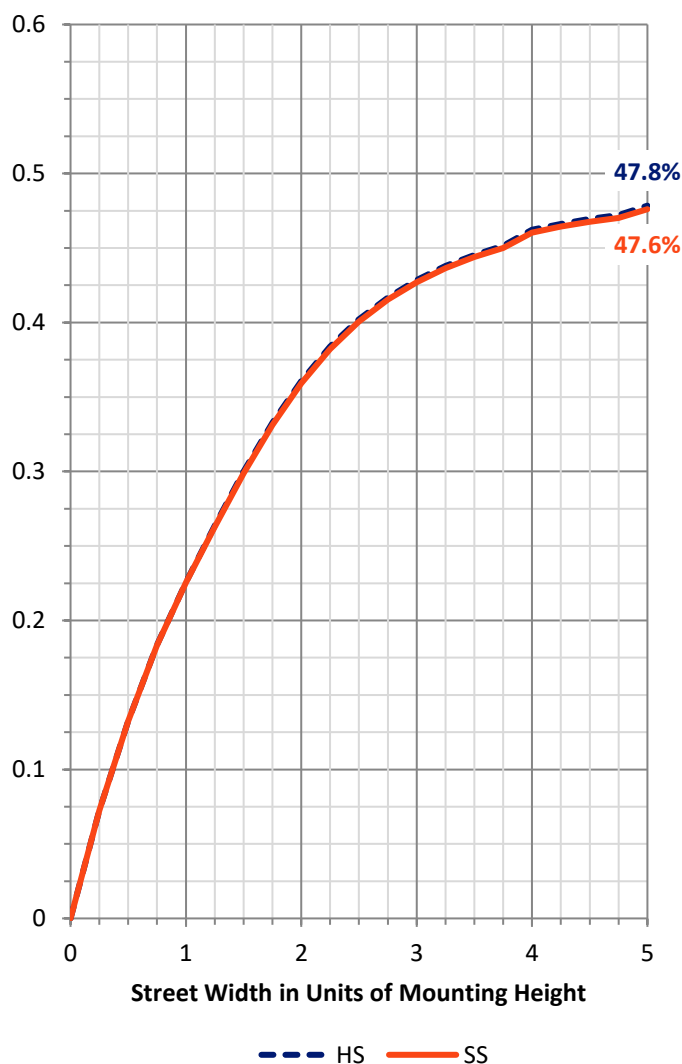
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5940.3	177.2	6117.5
	% Fixture	48.6	1.4	50.0
Street Side	Lumens	5940.3	177.2	6117.5
	% Fixture	48.6	1.4	50.0
Total	Lumens	11880.6	354.4	12235.0
	% Fixture	97.1	2.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.8	0.8
10°-20°	290.3	2.4
20°-30°	514.0	4.2
30°-40°	867.0	7.1
40°-50°	971.8	7.9
50°-60°	2011.9	16.4
60°-70°	3541.0	28.9
70°-80°	2926.3	23.9
80°-90°	656.5	5.4
90°-100°	251.0	2.1
100°-110°	71.0	0.6
110°-120°	21.7	0.2
120°-130°	9.9	0.1
130°-140°	0.8	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°	11880.6	97.1
0°-180°	12235.0	100.0

Coefficient of Utilization



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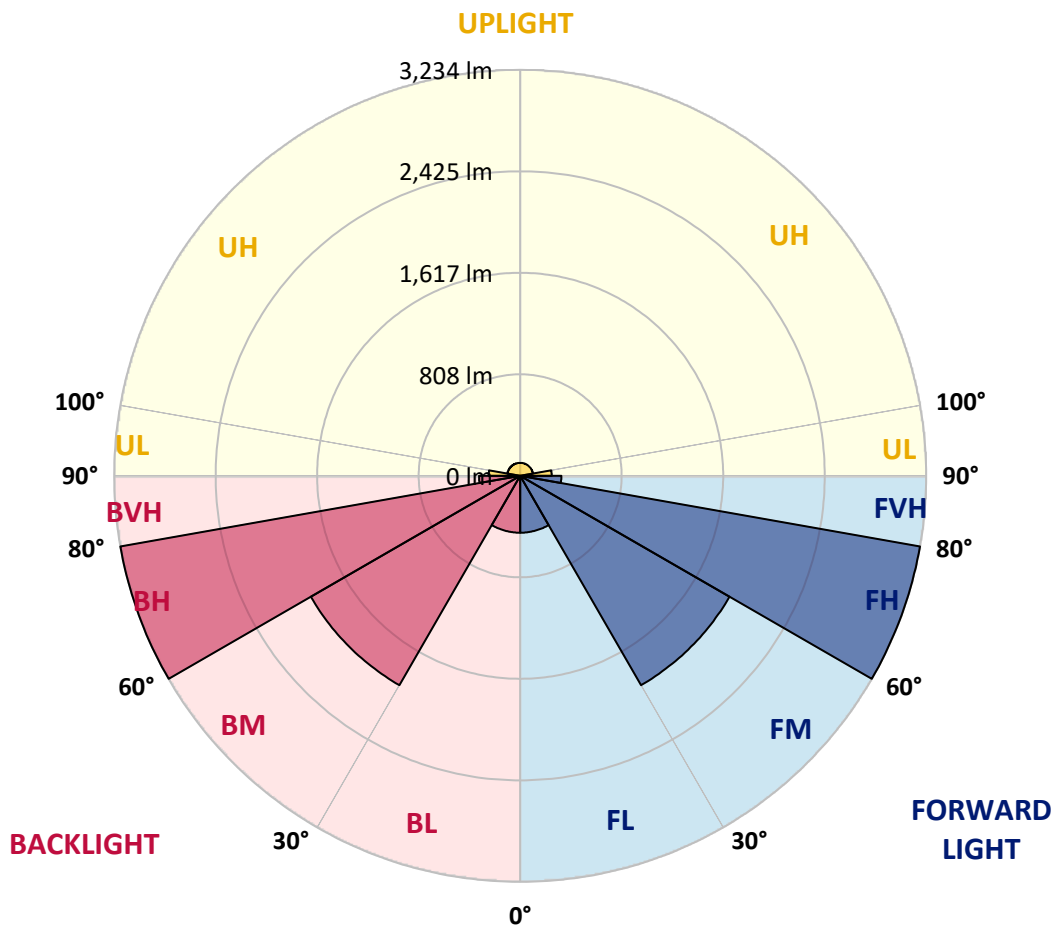
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	453.1	3.7			
FM (30°-60°)	1925.3	15.7			
FH (60°-80°)	3233.7	26.4			G2/5000
FVH (80°-90°)	328.2	2.7			G3/500
BL (0°-30°)	453.1	3.7	B1/500		
BM (30°-60°)	1925.3	15.7	B2/2500		
BH (60°-80°)	3233.7	26.4	B4/5000		G2/5000
BVH (80°-90°)	328.2	2.7			G3/500
UL (90°-100°)	251.0	2.1		U3/500	
UH (100°-180°)	103.4	0.8		U3/500	

BUG Rating: B4-U3-G3

Type V Short





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CANDELA DISTRIBUTION (FULL):

Table with 12 columns representing angles from 0° to 90° and 20 rows representing angles from 0° to 110°. Each cell contains a numerical value representing candela distribution.



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	19.3	19.3	23.2	23.2	27.1	27.1	27.1	27.1	27.1	27.1	27.1
115°	15.5	15.5	19.3	19.3	19.3	23.2	23.2	23.2	23.2	23.2	23.2
117.5°	11.6	11.6	15.5	15.5	19.3	19.3	19.3	19.3	19.3	19.3	19.3
120°	11.6	11.6	11.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
122.5°	7.7	7.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	15.5	15.5
125°	7.7	7.7	7.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
127.5°	7.7	7.7	7.7	7.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6
130°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	11.6	11.6
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)