

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: P692015

Luminaire Tested: **CRTK2-C01HO-D-U-T5R-7050-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P692015
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-C01HO-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: 12254 lumens
Efficiency: N/A
Efficacy: 155.1 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

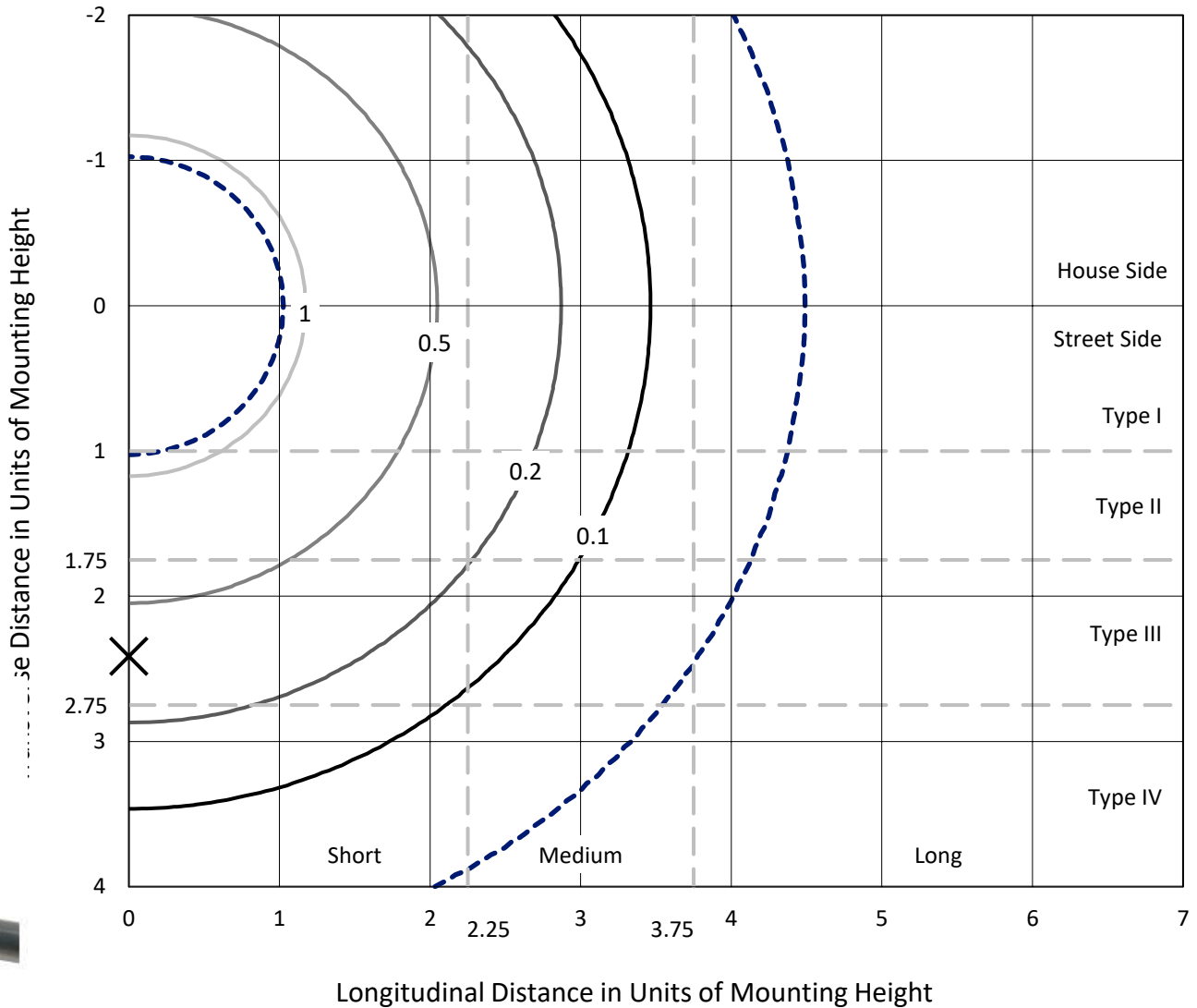
Input Watts (W): 79
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

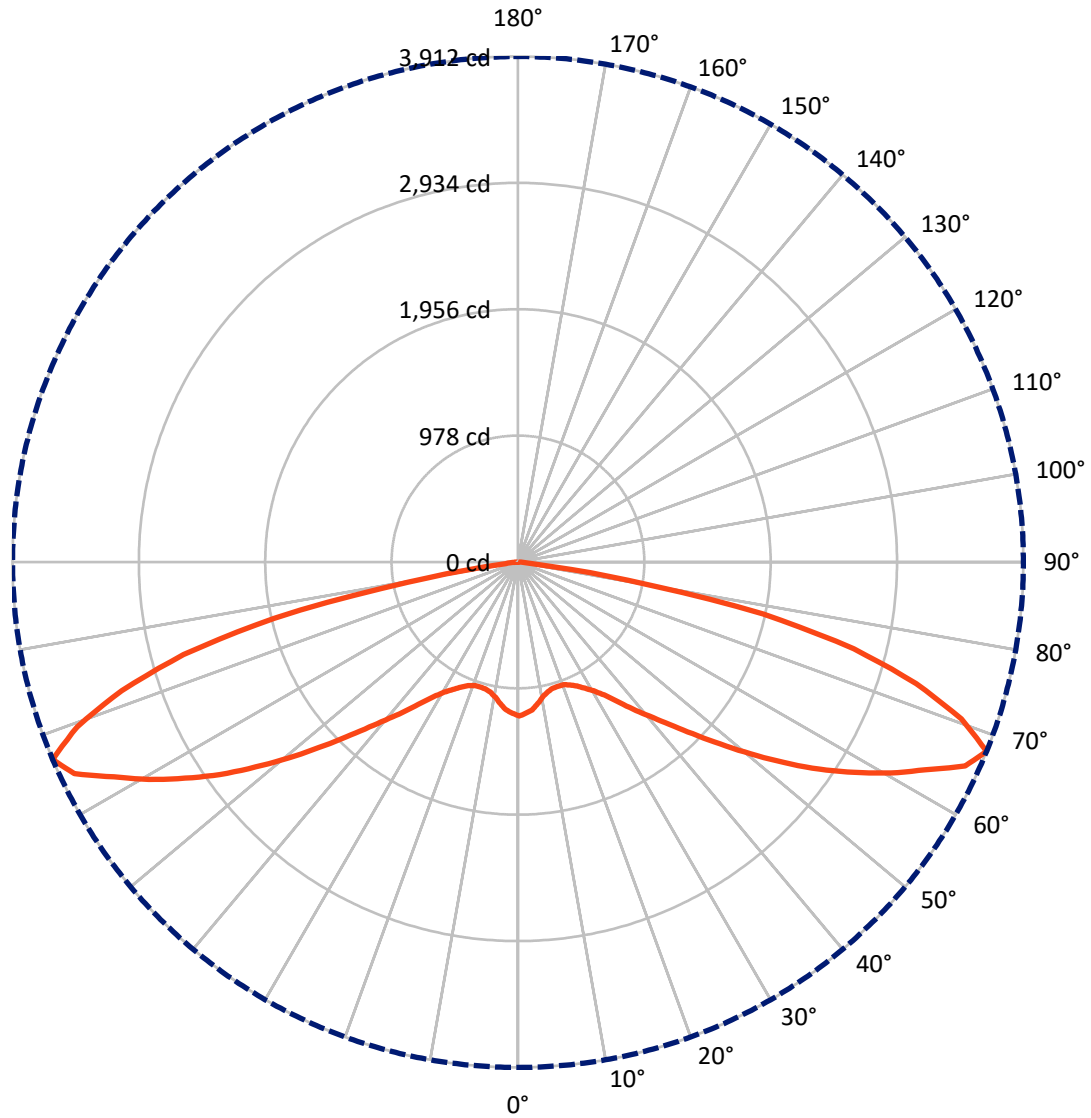
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.9 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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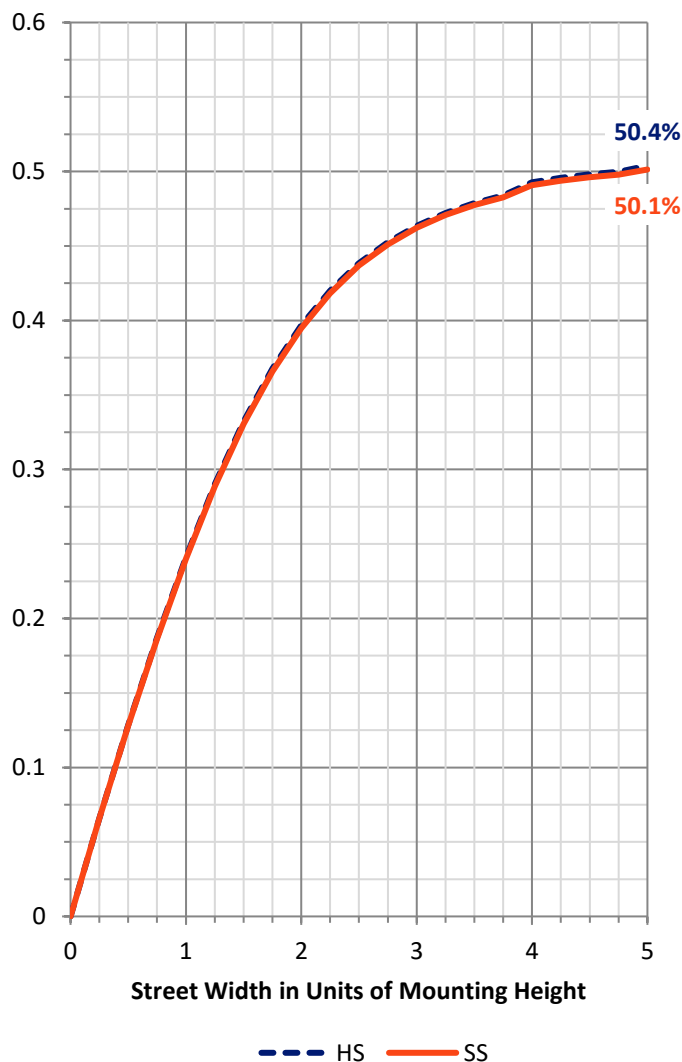
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6127.0	0.0	6127.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6127.0	0.0	6127.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	12254.0	0.0	12254.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.7	0.9
10°-20°	289.2	2.4
20°-30°	498.3	4.1
30°-40°	846.2	6.9
40°-50°	1493.0	12.2
50°-60°	2544.4	20.8
60°-70°	3659.7	29.9
70°-80°	2661.2	21.7
80°-90°	155.3	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°	12254.0	100.0
0°-180°	12254.0	100.0

Coefficient of Utilization

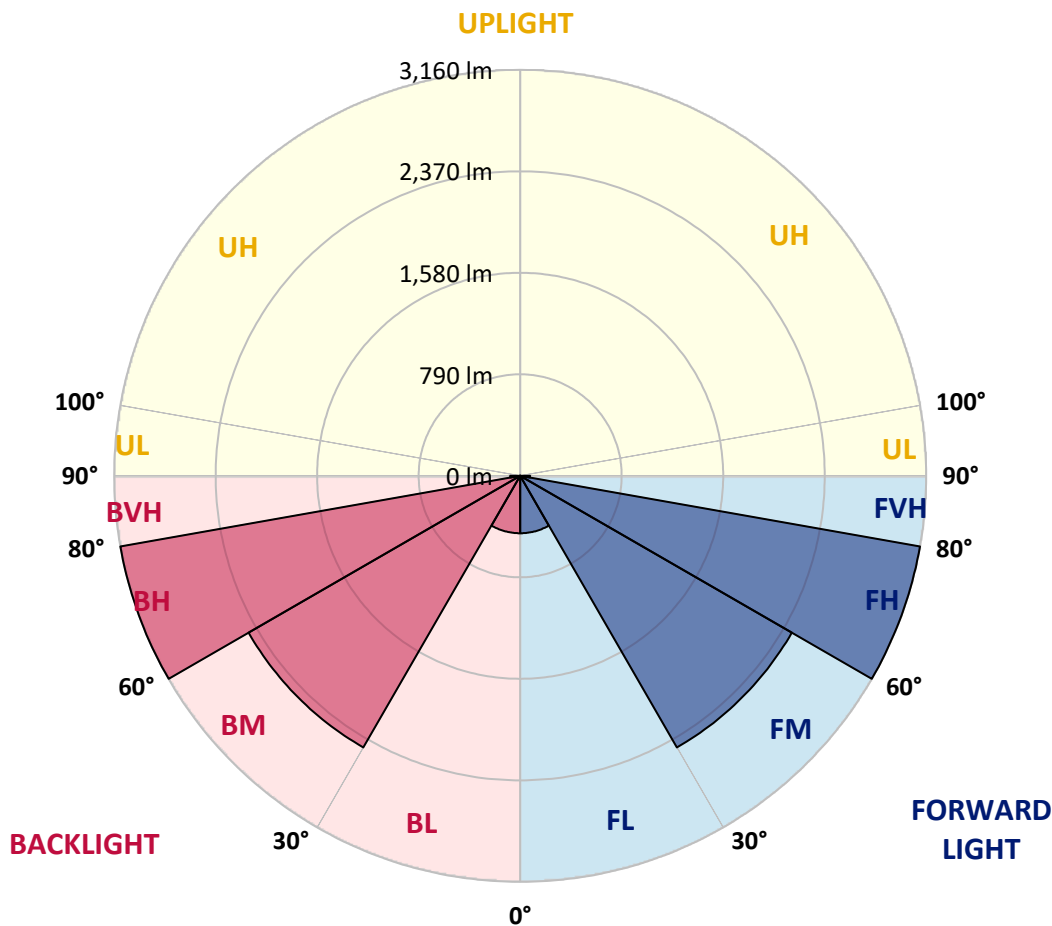


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	447.1	3.6			
FM (30°-60°)	2441.7	19.9			
FH (60°-80°)	3160.5	25.8			G2/5000
FVH (80°-90°)	77.7	0.6			G1/100
BL (0°-30°)	447.1	3.6	B1/500		
BM (30°-60°)	2441.7	19.9	B2/2500		
BH (60°-80°)	3160.5	25.8	B4/5000		G2/5000
BVH (80°-90°)	77.7	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2
 Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1191.8
2.5°	1172.4
5°	1149.2
7.5°	1106.7
10°	1060.2
12.5°	1029.3
15°	1013.8
17.5°	1009.9
20°	1013.8
22.5°	1033.1
25°	1064.1
27.5°	1106.7
30°	1157.0
32.5°	1226.6
35°	1323.3
37.5°	1443.3
40°	1567.1
42.5°	1718.0
45°	1896.0
47.5°	2105.0
50°	2333.3
52.5°	2577.0
55°	2832.4
57.5°	3072.3
60°	3316.1
62.5°	3540.5
65°	3803.7
67.5°	3912.0
70°	3641.1
72.5°	3223.2
75°	2685.4
77.5°	1938.6
80°	866.8
82.5°	112.2
85°	23.2
87.5°	3.9
90°	0.0

(END OF REPORT)