

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: P691279

Luminaire Tested: **CRTK2-C015-5TLD-U-T5R-7050-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691279
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-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: 5220 lumens
Efficiency: N/A
Efficacy: 159.6 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

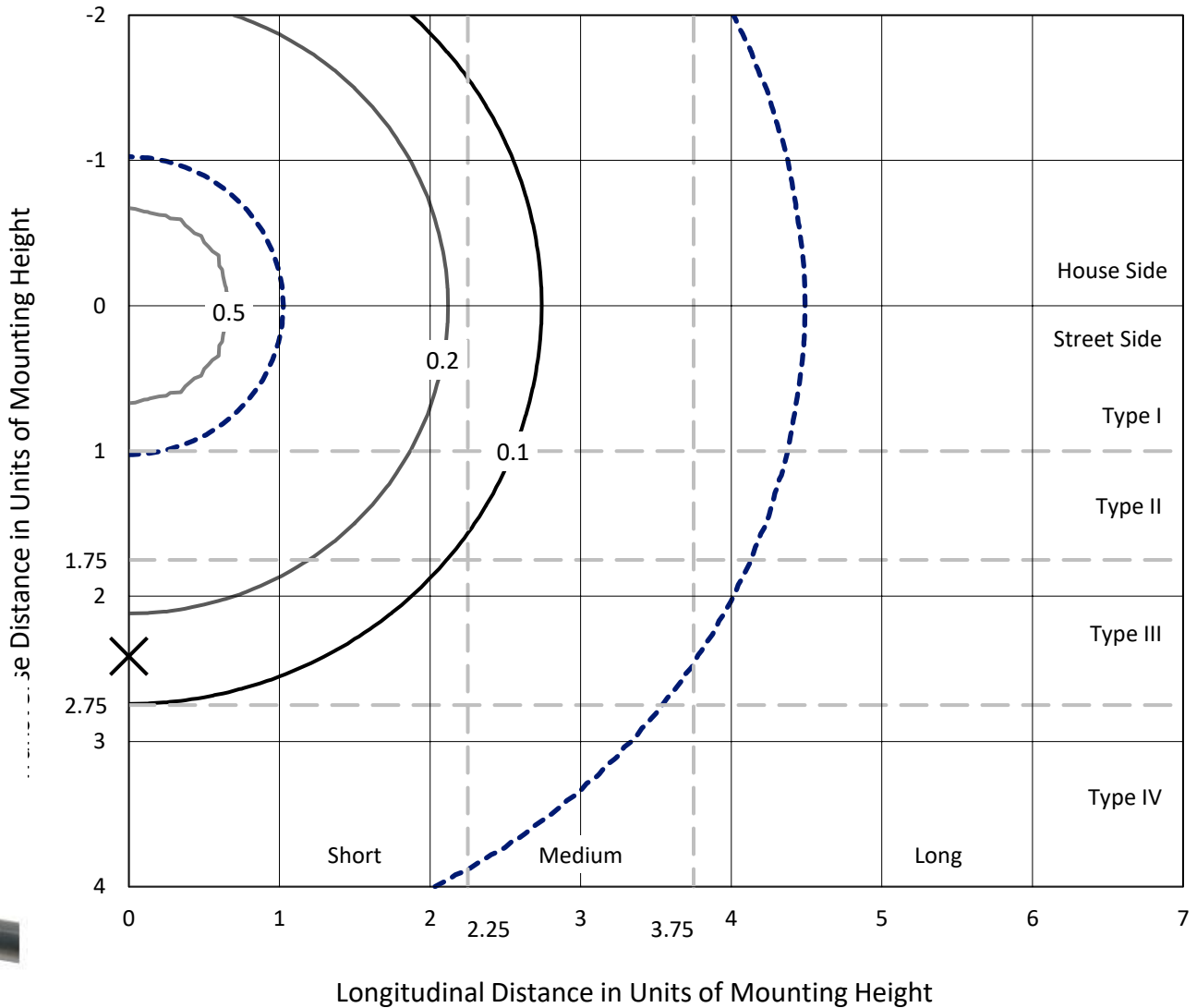
Input Watts (W): 32.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

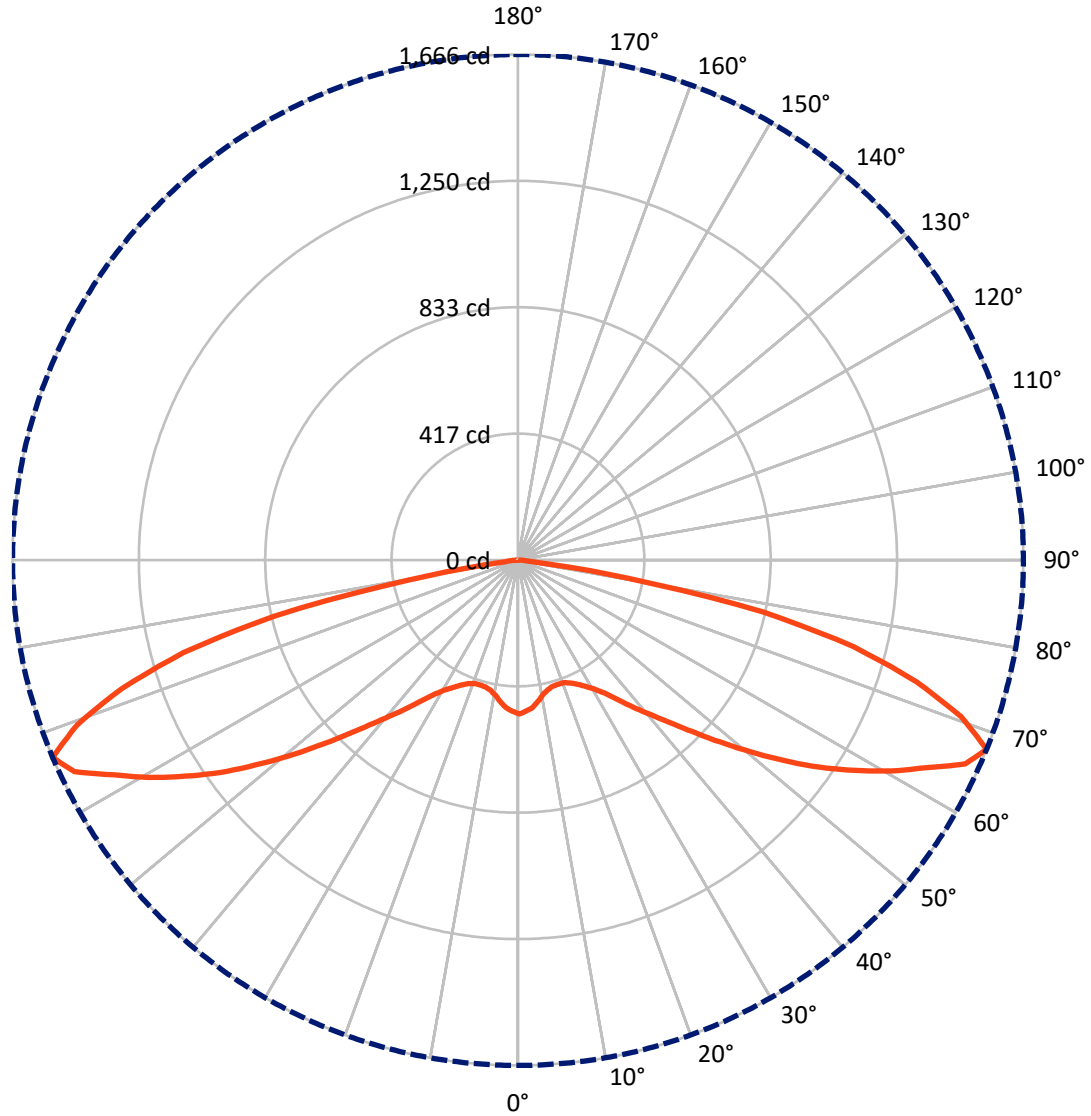
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.8 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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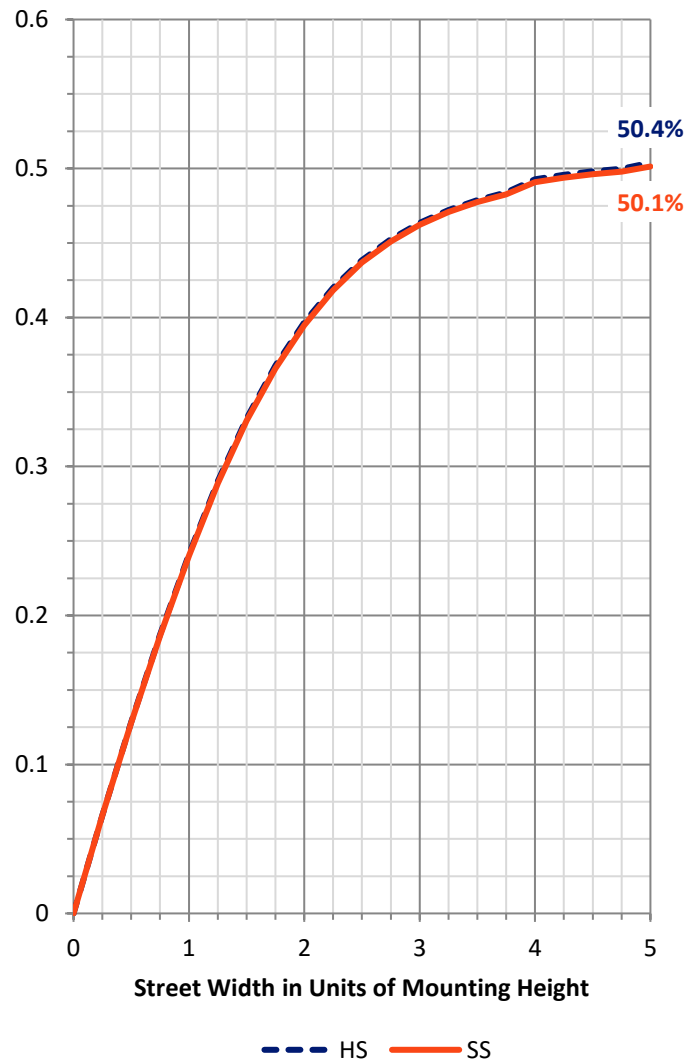
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2610.0	0.0	2610.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2610.0	0.0	2610.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5220.0	0.0	5220.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.5	0.9
10°-20°	123.2	2.4
20°-30°	212.3	4.1
30°-40°	360.4	6.9
40°-50°	636.0	12.2
50°-60°	1083.9	20.8
60°-70°	1559.0	29.9
70°-80°	1133.6	21.7
80°-90°	66.1	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°	5220.0	100.0
0°-180°	5220.0	100.0



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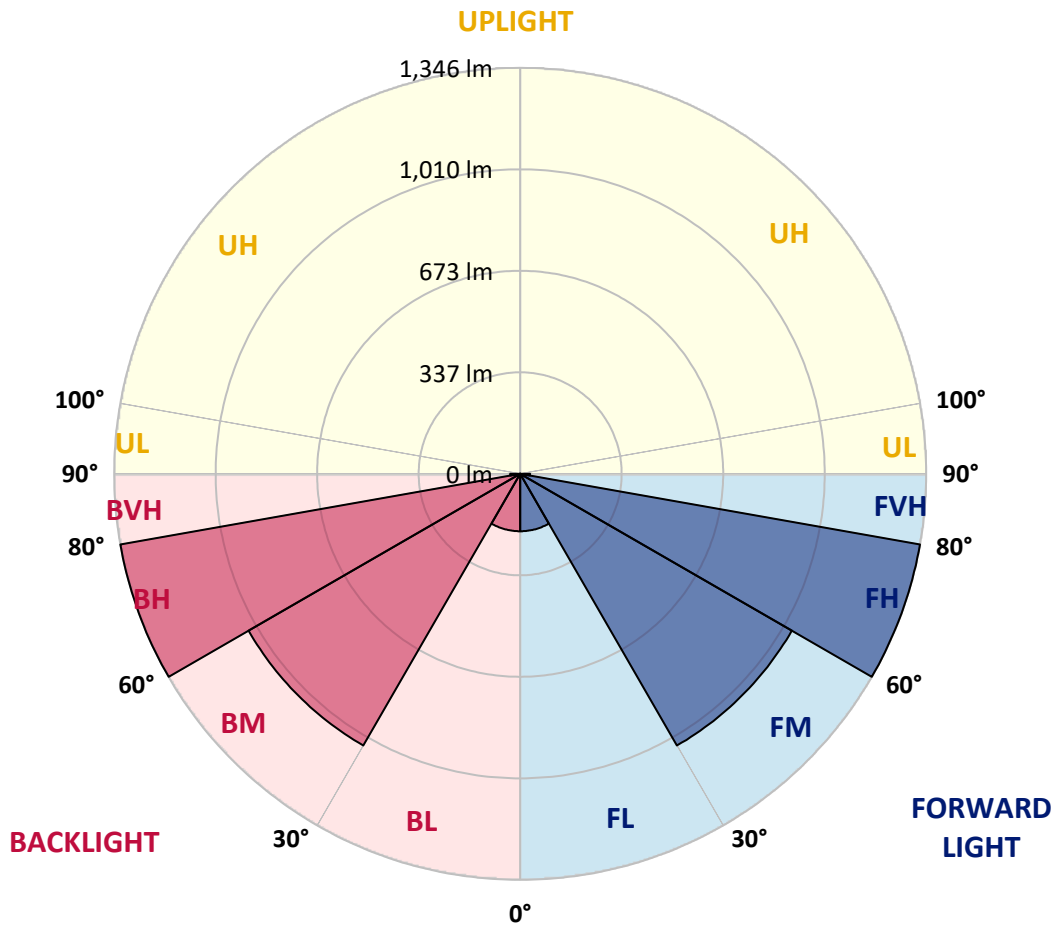
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	190.5	3.6			
FM (30°-60°)	1040.2	19.9			
FH (60°-80°)	1346.3	25.8			G1/1800
FVH (80°-90°)	33.1	0.6			G1/100
BL (0°-30°)	190.5	3.6	B1/500		
BM (30°-60°)	1040.2	19.9	B2/2500		
BH (60°-80°)	1346.3	25.8	B3/2500		G1/1800
BVH (80°-90°)	33.1	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°	507.7
2.5°	499.4
5°	489.5
7.5°	471.4
10°	451.6
12.5°	438.5
15°	431.9
17.5°	430.2
20°	431.9
22.5°	440.1
25°	453.3
27.5°	471.4
30°	492.8
32.5°	522.5
35°	563.7
37.5°	614.8
40°	667.6
42.5°	731.9
45°	807.7
47.5°	896.7
50°	993.9
52.5°	1097.8
55°	1206.6
57.5°	1308.8
60°	1412.6
62.5°	1508.2
65°	1620.3
67.5°	1666.4
70°	1551.1
72.5°	1373.0
75°	1143.9
77.5°	825.8
80°	369.2
82.5°	47.8
85°	9.9
87.5°	1.6
90°	0.0

(END OF REPORT)