

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: P691095

Luminaire Tested: **CRTK2-C013-5TLD-U-T5R-7050-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691095
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-C013-5TLD-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: 3786.1 lumens
Efficiency: N/A
Efficacy: 163.2 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

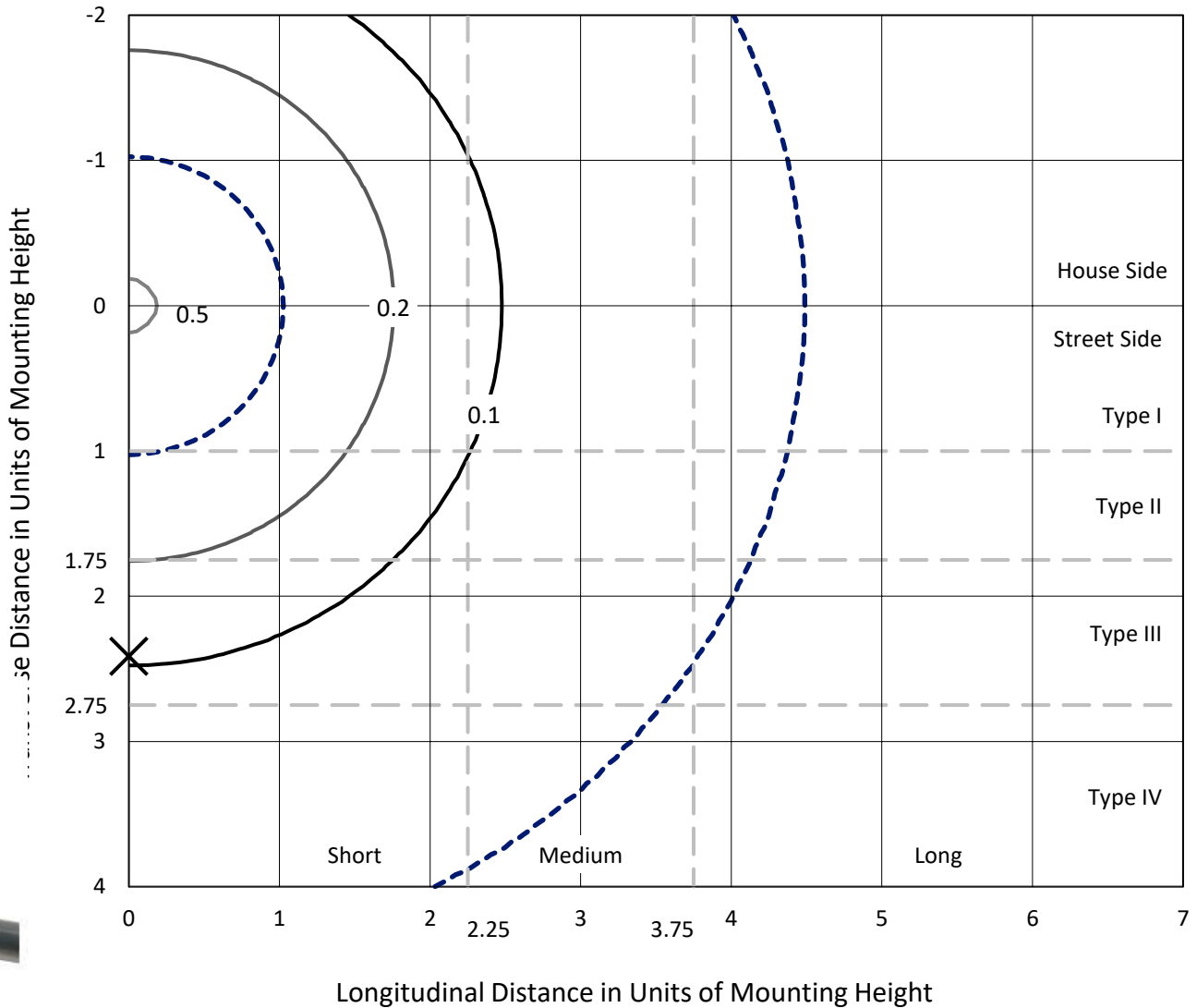
Input Watts (W): 23.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

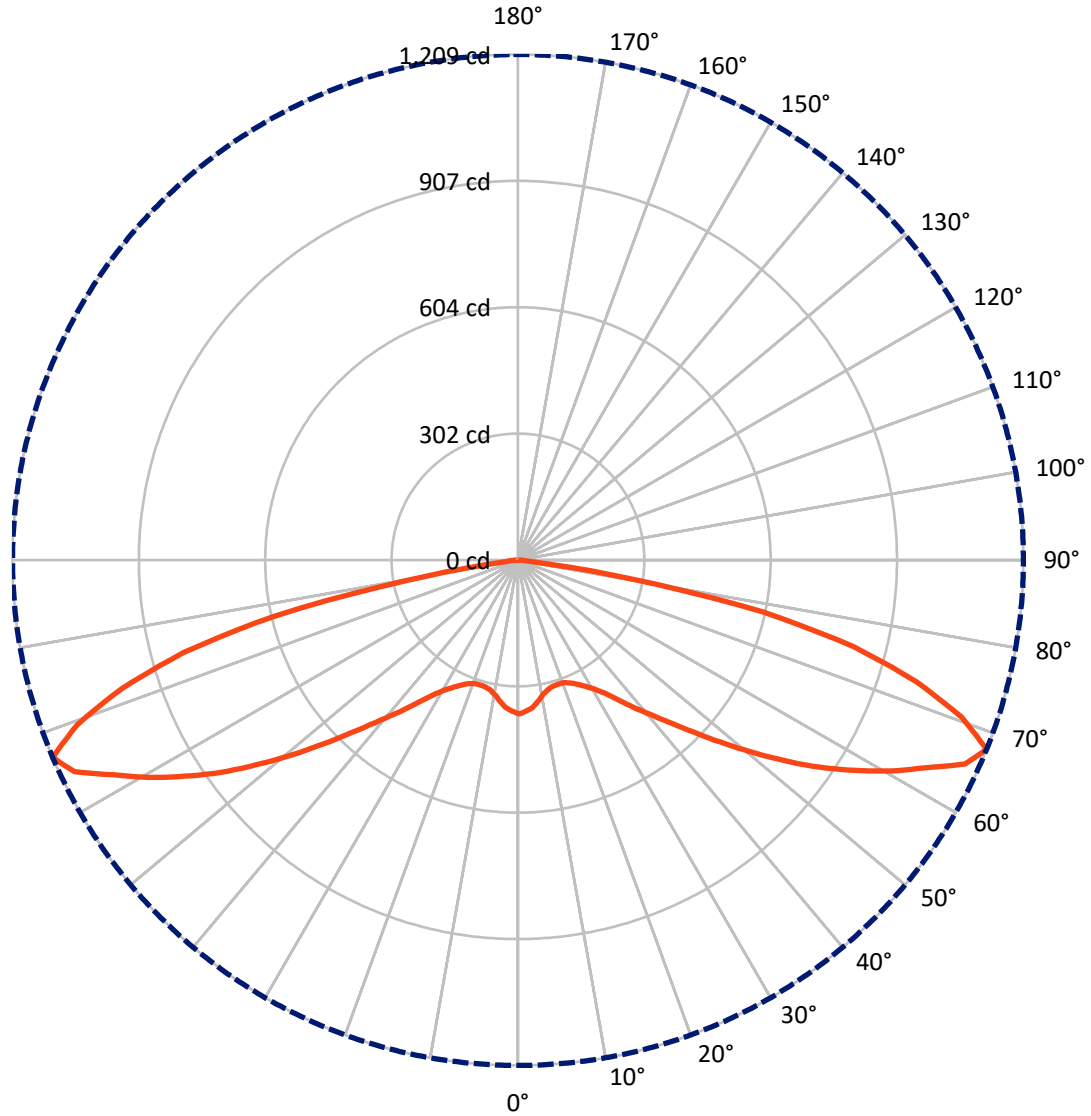
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.6 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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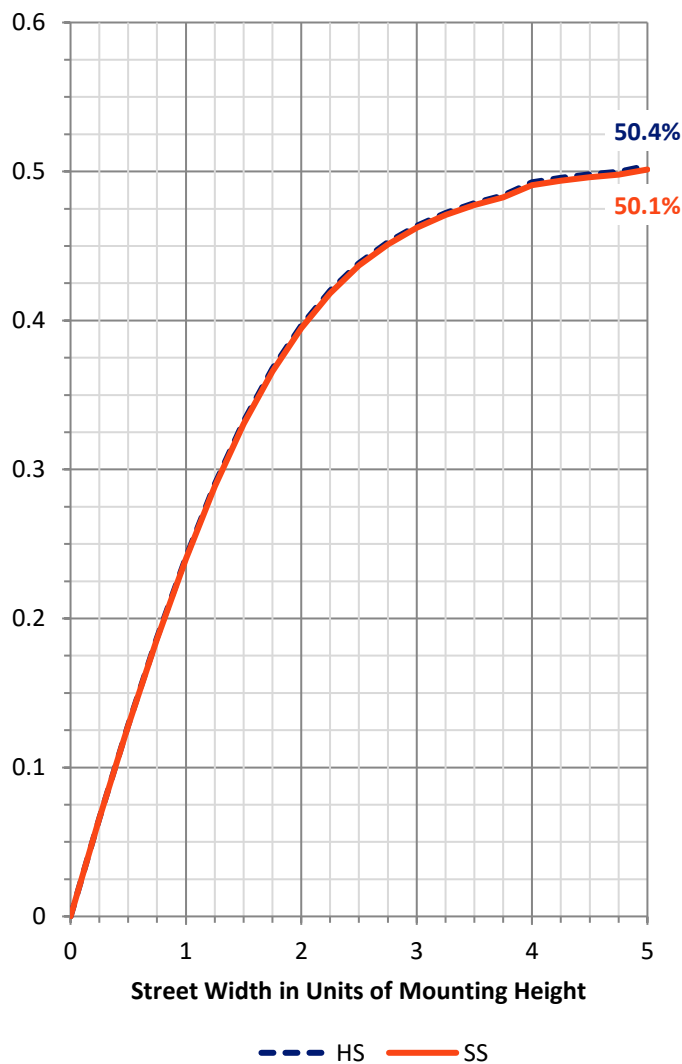
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1893.0	0.0	1893.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1893.0	0.0	1893.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3786.1	0.0	3786.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.0	0.9
10°-20°	89.4	2.4
20°-30°	154.0	4.1
30°-40°	261.4	6.9
40°-50°	461.3	12.2
50°-60°	786.1	20.8
60°-70°	1130.7	29.9
70°-80°	822.2	21.7
80°-90°	48.0	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°	3786.1	100.0
0°-180°	3786.1	100.0

Coefficient of Utilization



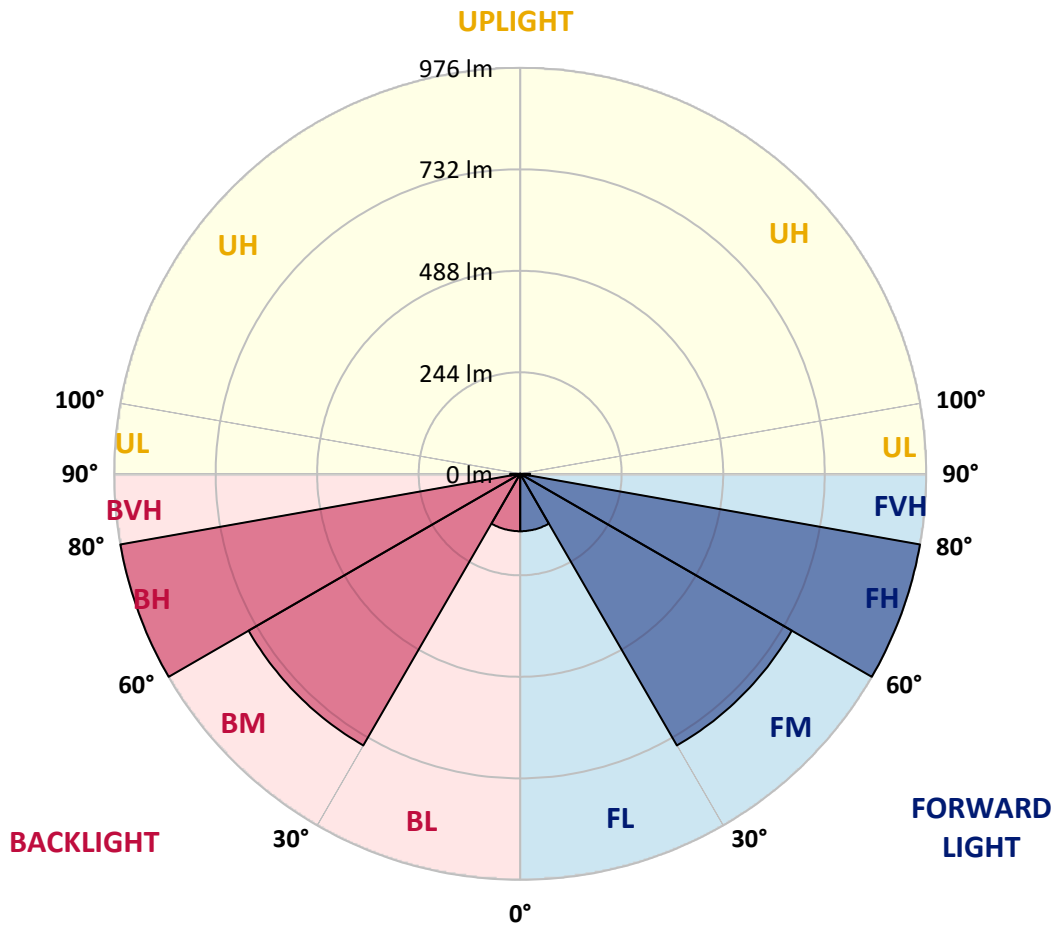
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	138.1	3.6			
FM (30°-60°)	754.4	19.9			
FH (60°-80°)	976.5	25.8			G1/1800
FVH (80°-90°)	24.0	0.6			G1/100
BL (0°-30°)	138.1	3.6	B1/500		
BM (30°-60°)	754.4	19.9	B1/1000		
BH (60°-80°)	976.5	25.8	B2/1000		G1/1800
BVH (80°-90°)	24.0	0.6			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	368.2
2.5°	362.2
5°	355.1
7.5°	341.9
10°	327.6
12.5°	318.0
15°	313.2
17.5°	312.0
20°	313.2
22.5°	319.2
25°	328.8
27.5°	341.9
30°	357.5
32.5°	379.0
35°	408.9
37.5°	445.9
40°	484.2
42.5°	530.8
45°	585.8
47.5°	650.4
50°	720.9
52.5°	796.2
55°	875.1
57.5°	949.2
60°	1024.5
62.5°	1093.9
65°	1175.2
67.5°	1208.7
70°	1125.0
72.5°	995.9
75°	829.7
77.5°	598.9
80°	267.8
82.5°	34.7
85°	7.2
87.5°	1.2
90°	0.0

(END OF REPORT)