

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: P691173

Luminaire Tested: **CRTK2-C013-D-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691173
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-D-U-T5R-7030-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3076 lumens
Efficiency: N/A
Efficacy: 150.8 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 20.4
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

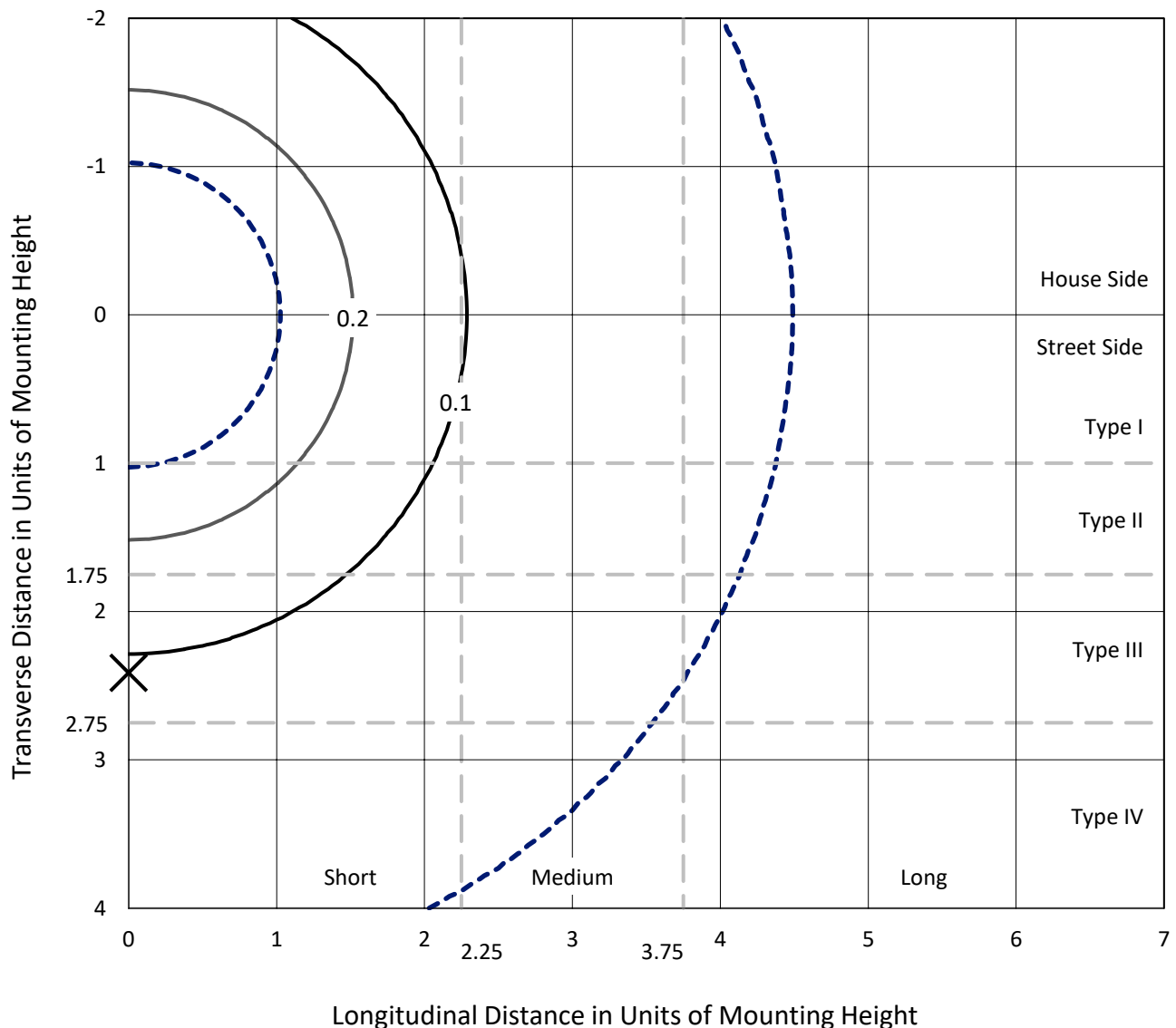


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Iso-Footcandle Lines of Horizontal Illumination

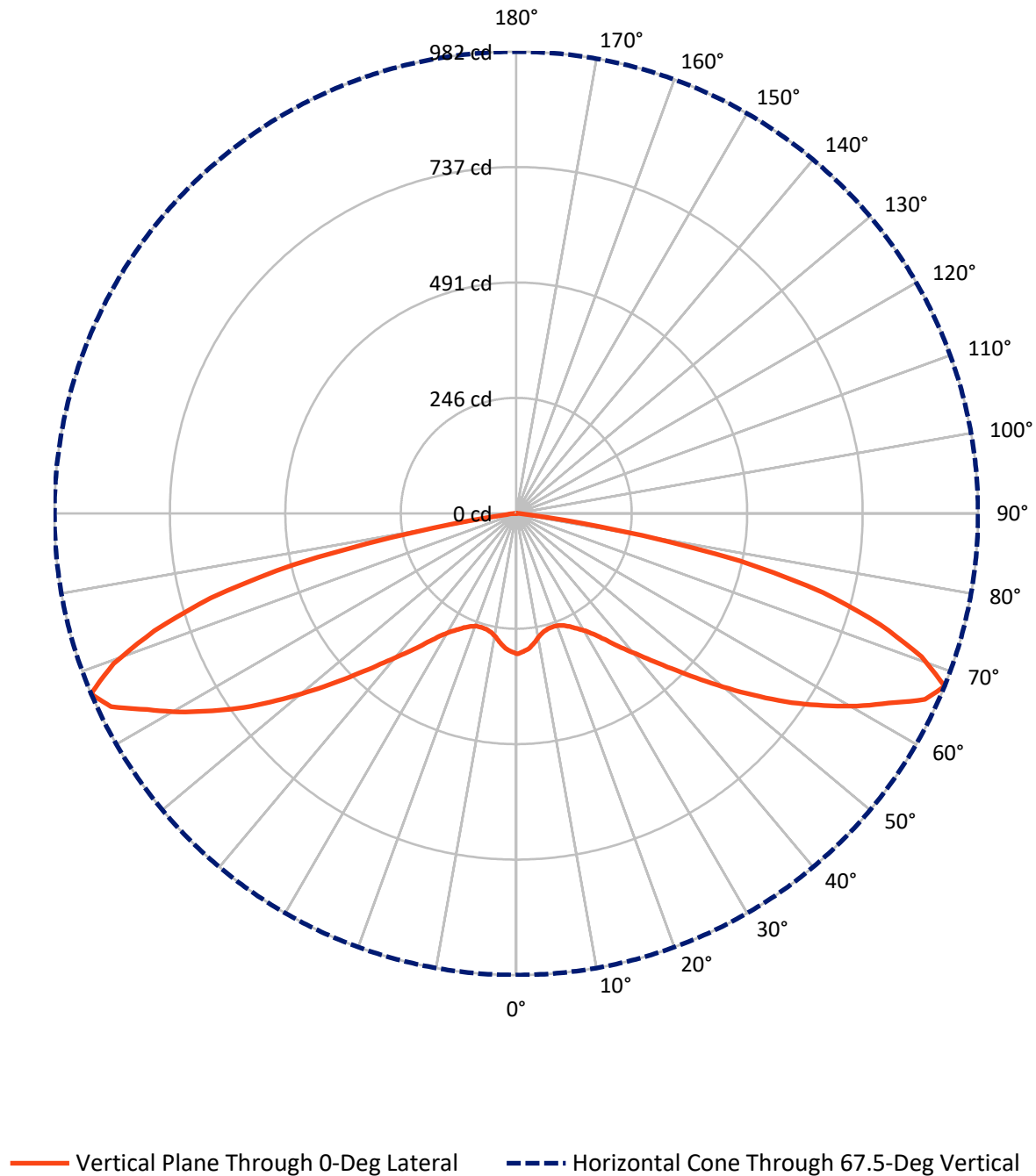
× Max cd
 --- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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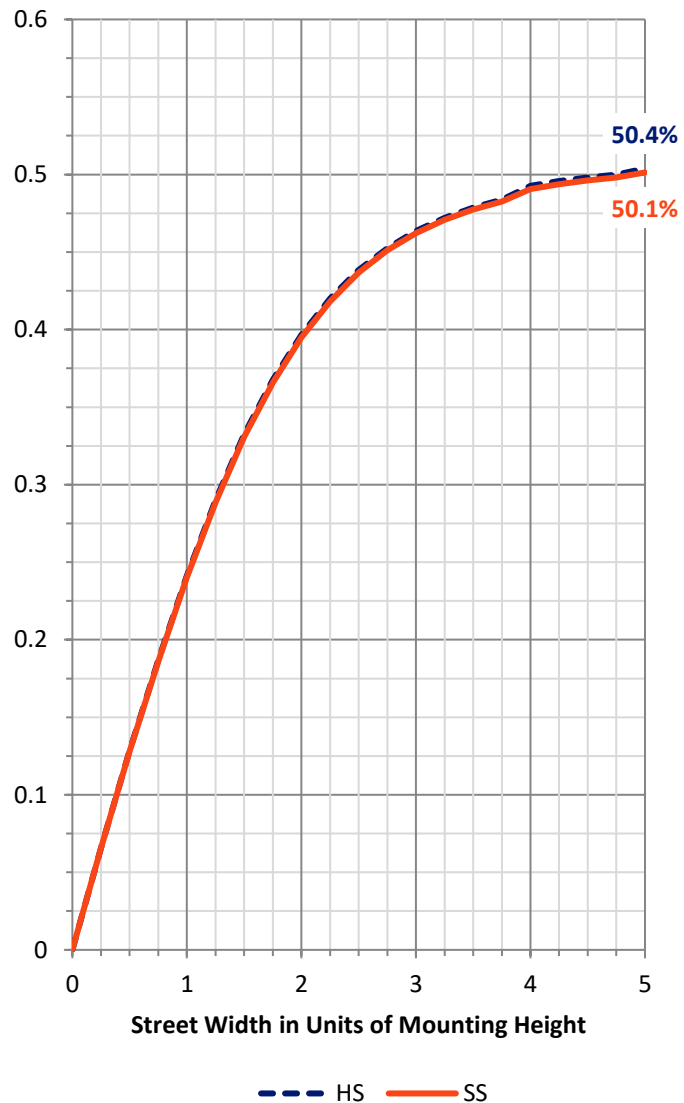
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1538.0	0.0	1538.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1538.0	0.0	1538.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	3076.0	0.0	3076.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.8	0.9
10°-20°	72.6	2.4
20°-30°	125.1	4.1
30°-40°	212.4	6.9
40°-50°	374.8	12.2
50°-60°	638.7	20.8
60°-70°	918.6	29.9
70°-80°	668.0	21.7
80°-90°	39.0	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°	3076.0	100.0
0°-180°	3076.0	100.0

Coefficient of Utilization



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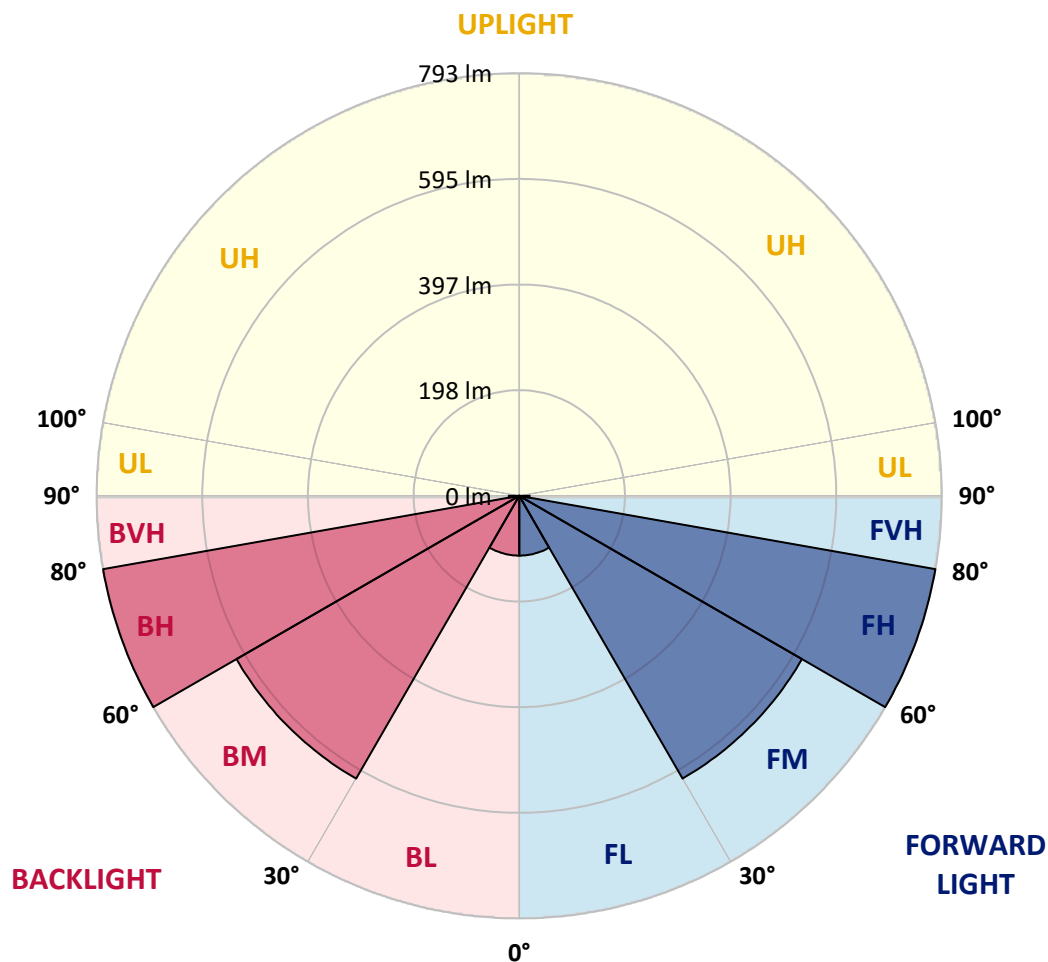
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	112.2	3.6			
FM	(30°-60°)	612.9	19.9			
FH	(60°-80°)	793.3	25.8			G1/1800
FVH	(80°-90°)	19.5	0.6			G1/100
BL	(0°-30°)	112.2	3.6	B1/500		
BM	(30°-60°)	612.9	19.9	B1/1000		
BH	(60°-80°)	793.3	25.8	B2/1000		G1/1800
BVH	(80°-90°)	19.5	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°	299.2
2.5°	294.3
5°	288.5
7.5°	277.8
10°	266.1
12.5°	258.4
15°	254.5
17.5°	253.5
20°	254.5
22.5°	259.3
25°	267.1
27.5°	277.8
30°	290.4
32.5°	307.9
35°	332.2
37.5°	362.3
40°	393.4
42.5°	431.3
45°	475.9
47.5°	528.4
50°	585.7
52.5°	646.9
55°	711.0
57.5°	771.2
60°	832.4
62.5°	888.7
65°	954.8
67.5°	982.0
70°	914.0
72.5°	809.1
75°	674.1
77.5°	486.6
80°	217.6
82.5°	28.2
85°	5.8
87.5°	1.0
90°	0.0

(END OF REPORT)