

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: P691378

Luminaire Tested: **CRTK2-C015-D-U-T5R-8027-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691378
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-D-U-T5R-8027-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 80 CRI, 2700K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4076 lumens
Efficiency: N/A
Efficacy: 136.3 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 29.9
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

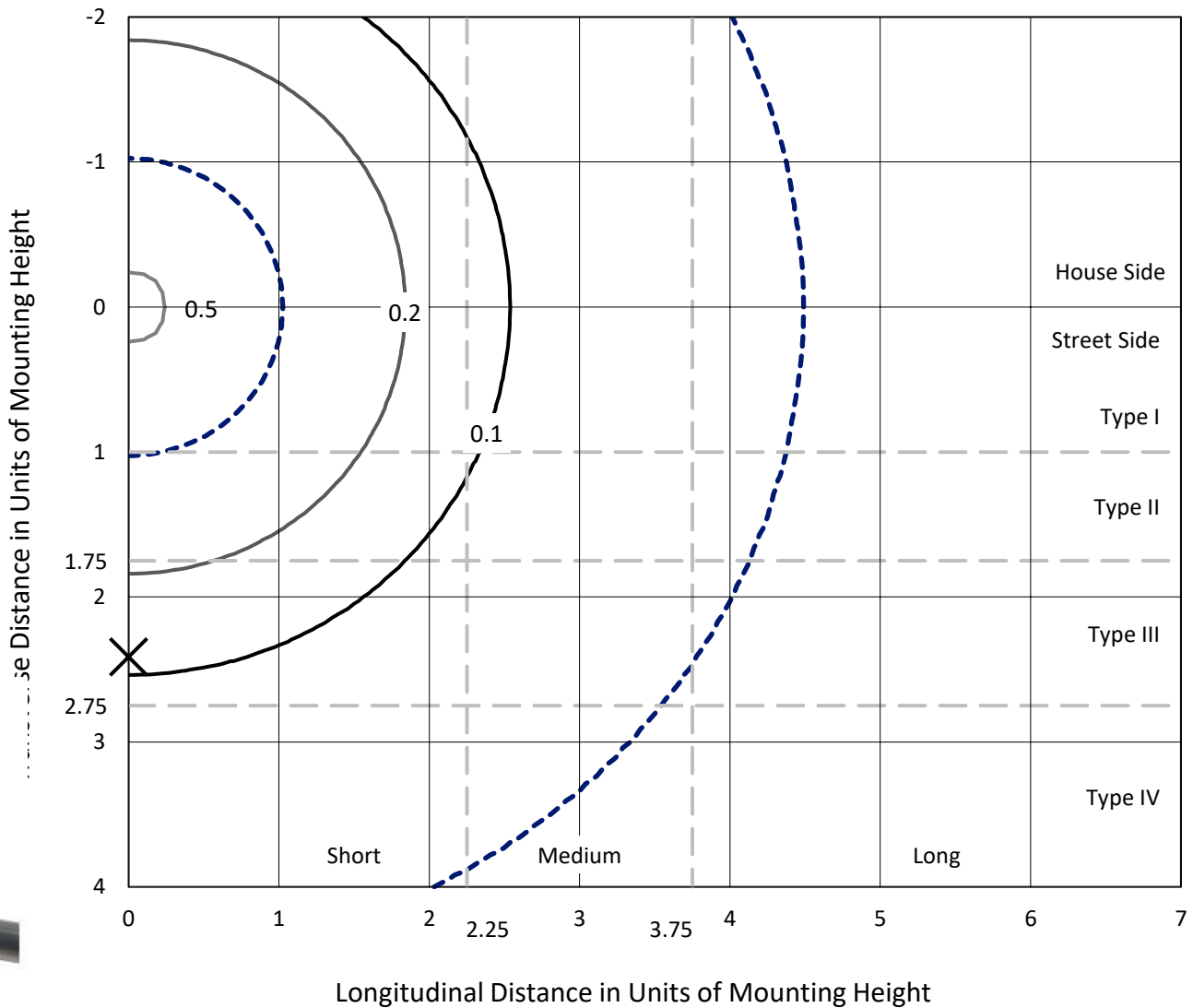


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

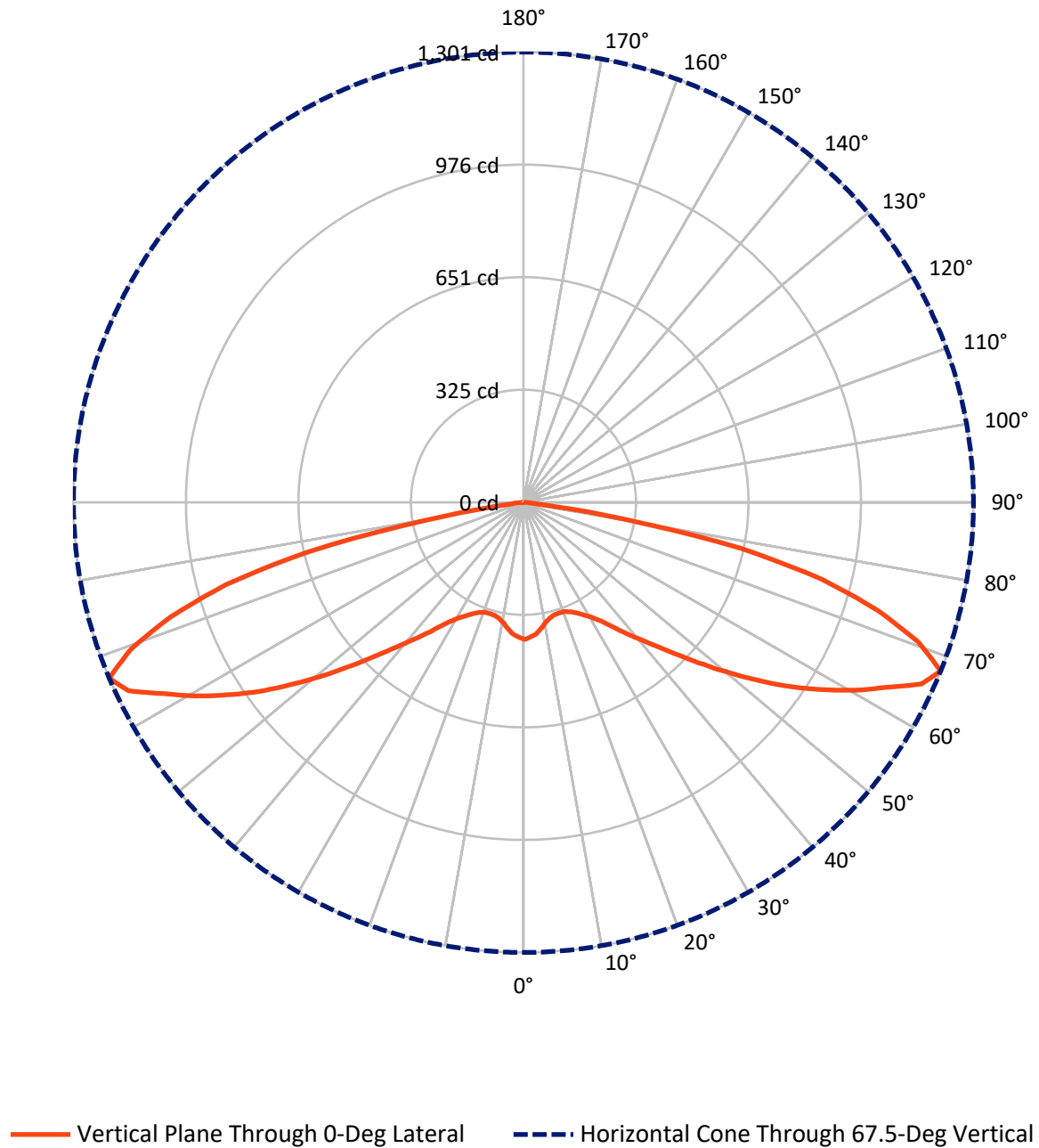


Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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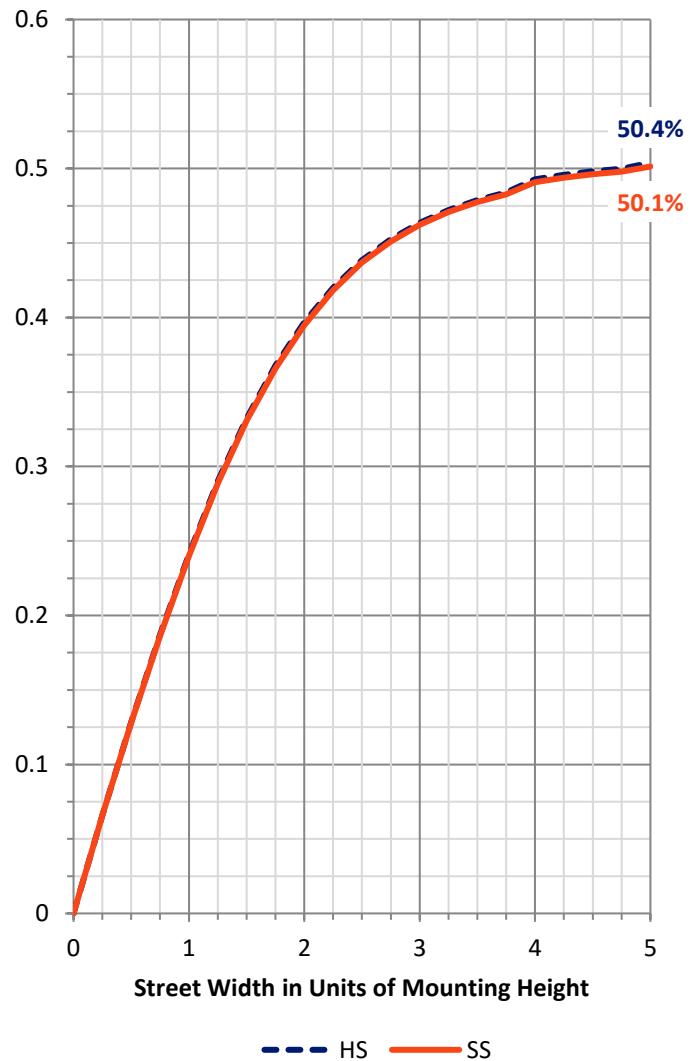
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2038.0	0.0	2038.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2038.0	0.0	2038.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4076.0	0.0	4076.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.5	0.9
10°-20°	96.2	2.4
20°-30°	165.7	4.1
30°-40°	281.5	6.9
40°-50°	496.6	12.2
50°-60°	846.3	20.8
60°-70°	1217.3	29.9
70°-80°	885.2	21.7
80°-90°	51.7	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°	4076.0	100.0
0°-180°	4076.0	100.0

Coefficient of Utilization



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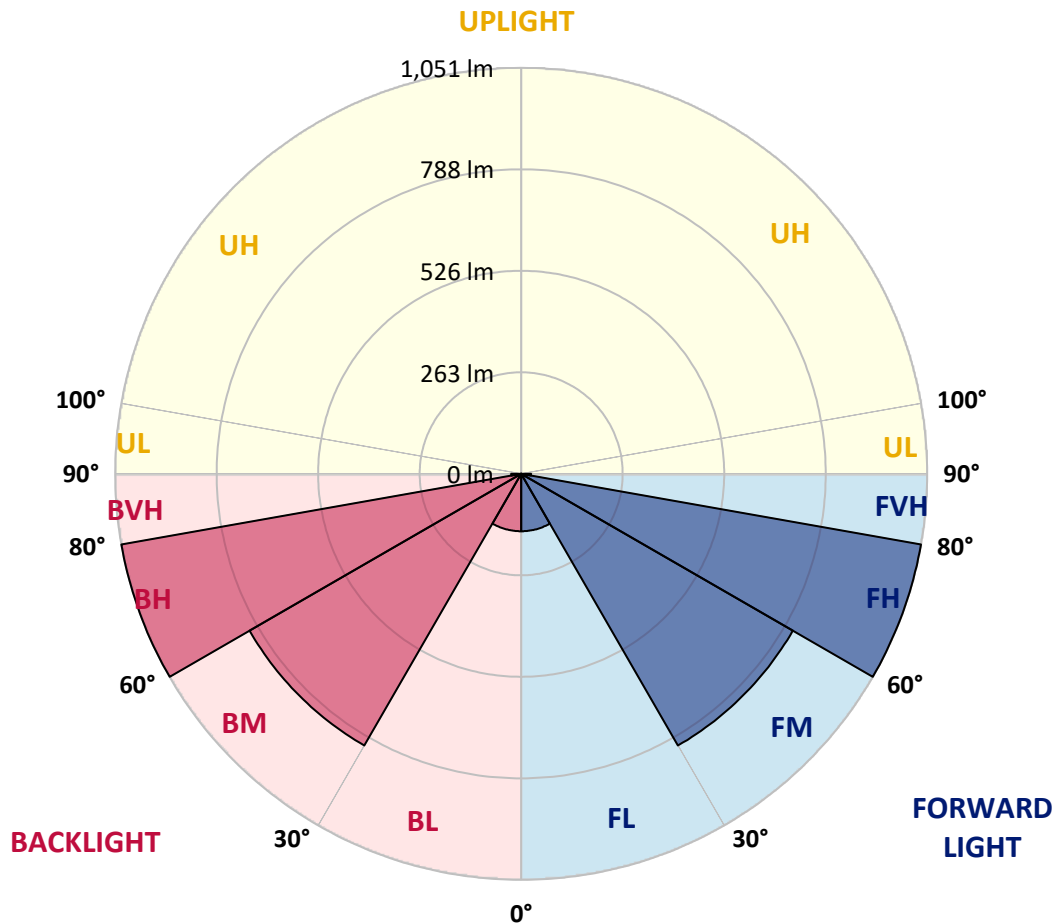
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	148.7	3.6			
FM	(30°-60°)	812.2	19.9			
FH	(60°-80°)	1051.2	25.8			G1/1800
FVH	(80°-90°)	25.8	0.6			G1/100
BL	(0°-30°)	148.7	3.6	B1/500		
BM	(30°-60°)	812.2	19.9	B1/1000		
BH	(60°-80°)	1051.2	25.8	B3/2500		G1/1800
BVH	(80°-90°)	25.8	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°	396.4
2.5°	390.0
5°	382.3
7.5°	368.1
10°	352.7
12.5°	342.4
15°	337.2
17.5°	335.9
20°	337.2
22.5°	343.6
25°	353.9
27.5°	368.1
30°	384.8
32.5°	408.0
35°	440.2
37.5°	480.1
40°	521.3
42.5°	571.5
45°	630.7
47.5°	700.2
50°	776.1
52.5°	857.2
55°	942.1
57.5°	1021.9
60°	1103.0
62.5°	1177.7
65°	1265.2
67.5°	1301.2
70°	1211.1
72.5°	1072.1
75°	893.2
77.5°	644.8
80°	288.3
82.5°	37.3
85°	7.7
87.5°	1.3
90°	0.0

(END OF REPORT)