

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: P691930

Luminaire Tested: **CRTK2-C01H-D-U-T5R-8027-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691930
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-C01H-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: 8984 lumens
Efficiency: N/A
Efficacy: 128.0 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 70.2
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



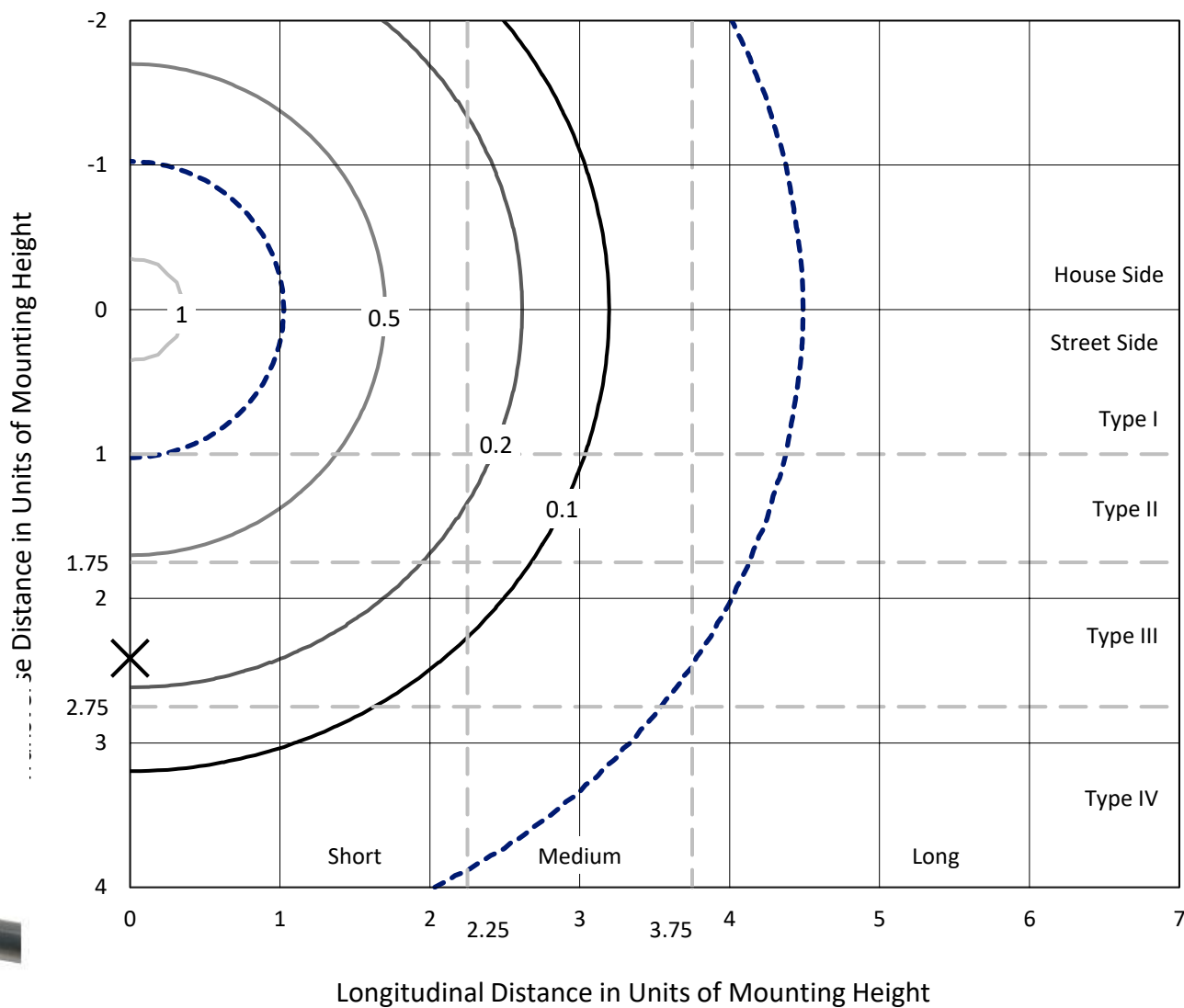
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

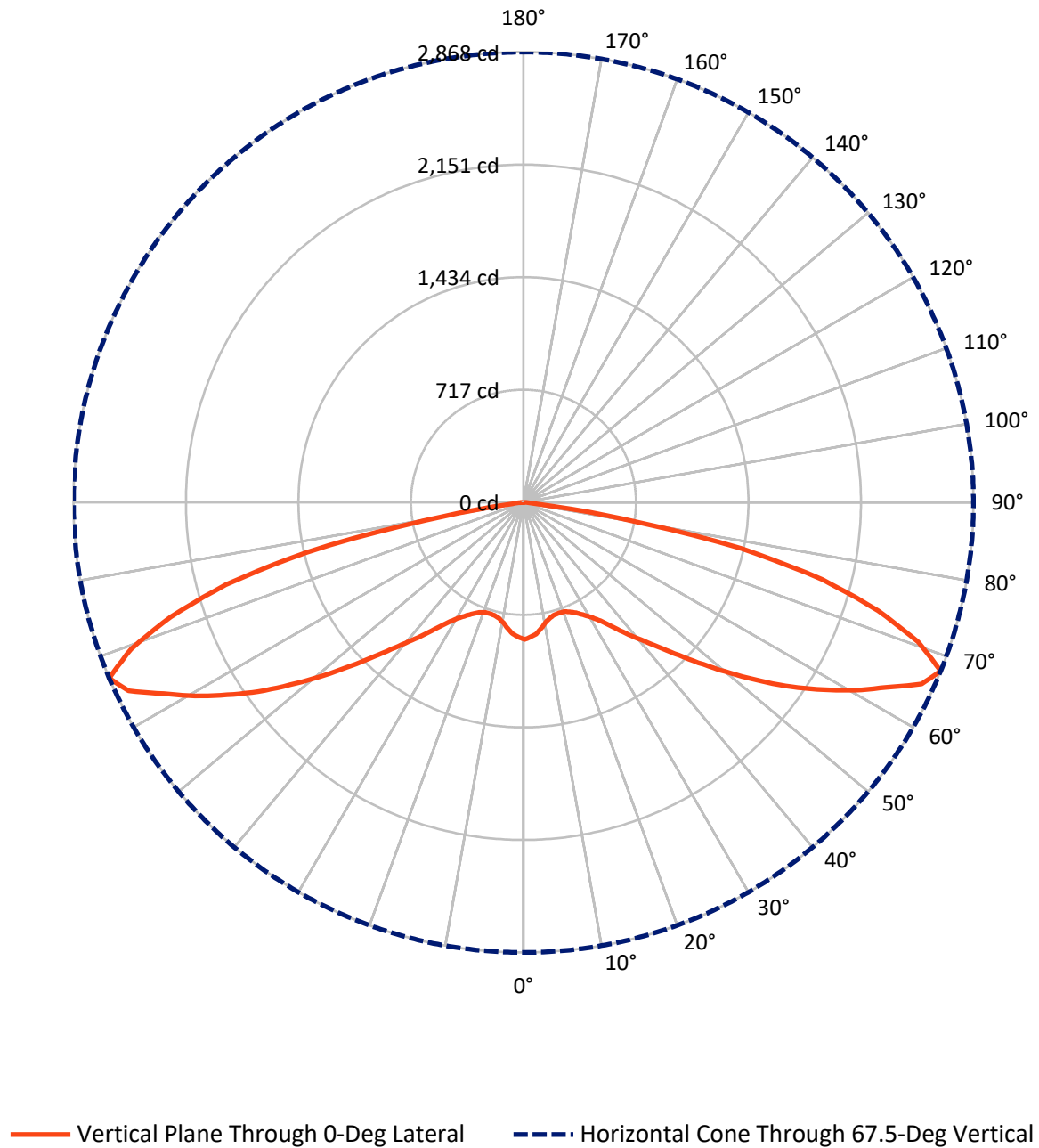


Based on 25 foot mounting height. Maximum calculated value = 1.4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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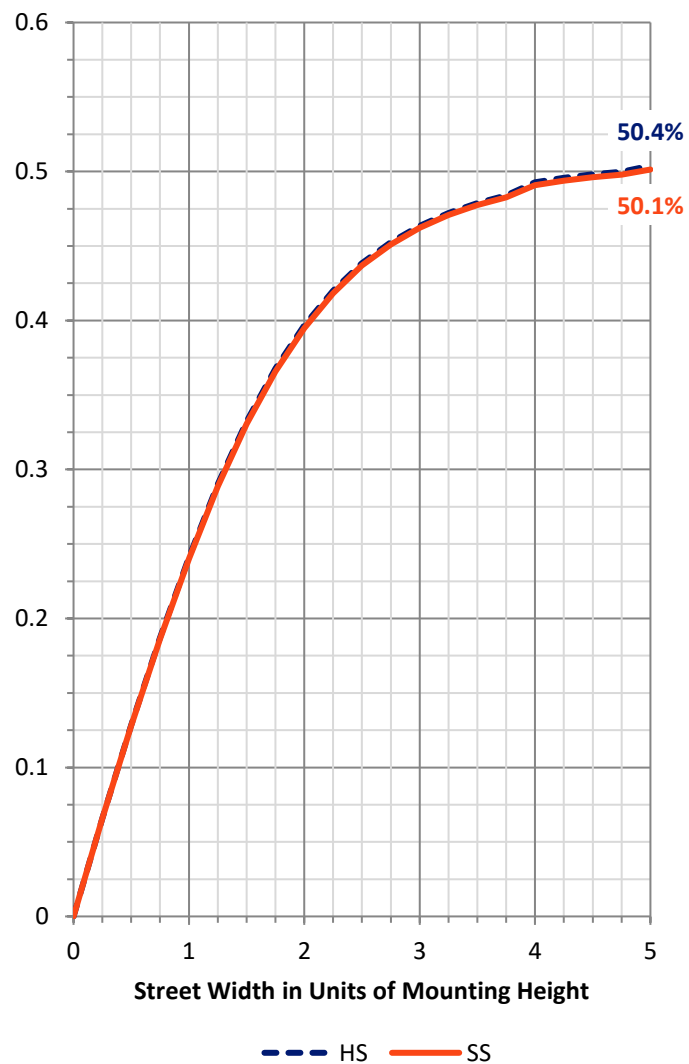
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4492.0	0.0	4492.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4492.0	0.0	4492.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8984.0	0.0	8984.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.2	0.9
10°-20°	212.0	2.4
20°-30°	365.3	4.1
30°-40°	620.4	6.9
40°-50°	1094.6	12.2
50°-60°	1865.4	20.8
60°-70°	2683.1	29.9
70°-80°	1951.1	21.7
80°-90°	113.9	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°	8984.0	100.0
0°-180°	8984.0	100.0

Coefficient of Utilization



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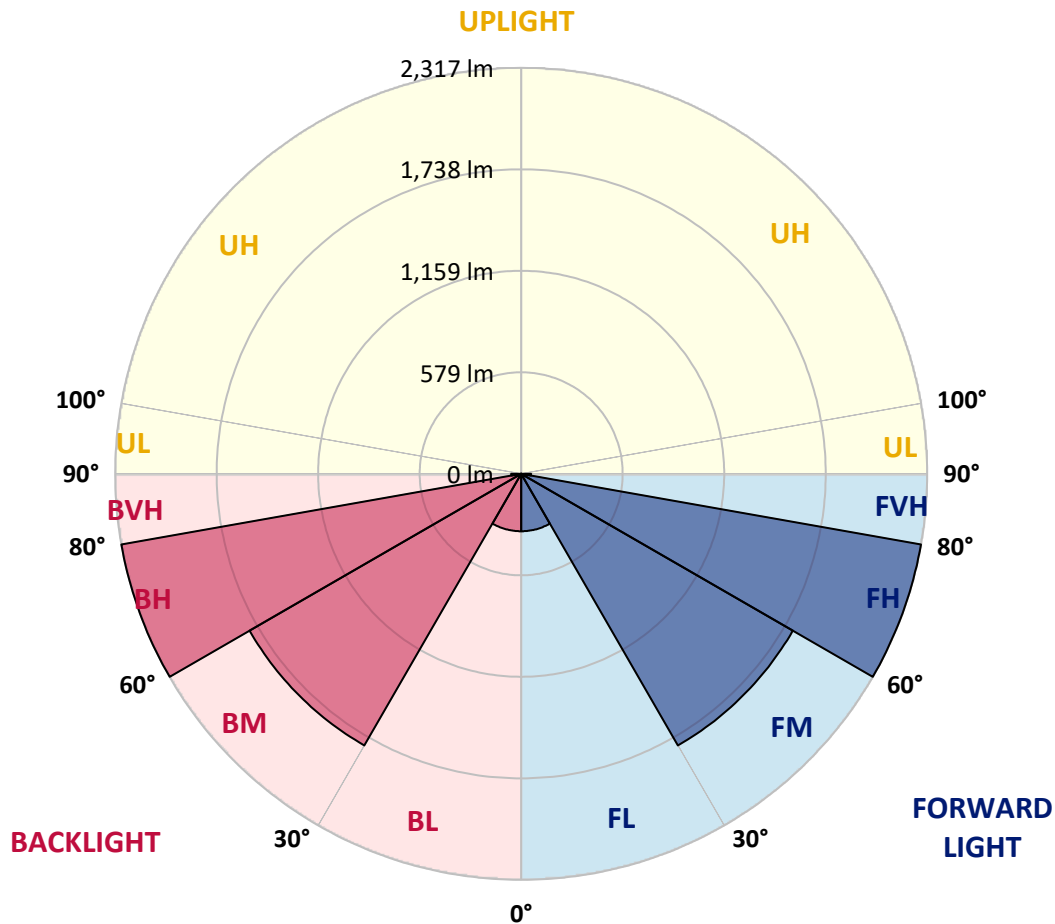
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	327.8	3.6			
FM	(30°-60°)	1790.2	19.9			
FH	(60°-80°)	2317.1	25.8			G2/5000
FVH	(80°-90°)	56.9	0.6			G1/100
BL	(0°-30°)	327.8	3.6	B1/500		
BM	(30°-60°)	1790.2	19.9	B2/2500		
BH	(60°-80°)	2317.1	25.8	B3/2500		G2/5000
BVH	(80°-90°)	56.9	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-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	873.8
2.5°	859.6
5°	842.6
7.5°	811.3
10°	777.3
12.5°	754.6
15°	743.3
17.5°	740.4
20°	743.3
22.5°	757.4
25°	780.1
27.5°	811.3
30°	848.2
32.5°	899.3
35°	970.2
37.5°	1058.2
40°	1148.9
42.5°	1259.6
45°	1390.1
47.5°	1543.3
50°	1710.6
52.5°	1889.4
55°	2076.6
57.5°	2252.5
60°	2431.2
62.5°	2595.7
65°	2788.6
67.5°	2868.1
70°	2669.5
72.5°	2363.1
75°	1968.8
77.5°	1421.3
80°	635.5
82.5°	82.3
85°	17.0
87.5°	2.8
90°	0.0

(END OF REPORT)