

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: P690989

Luminaire Tested: **CRTK2-C01-D-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P690989
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-C01-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

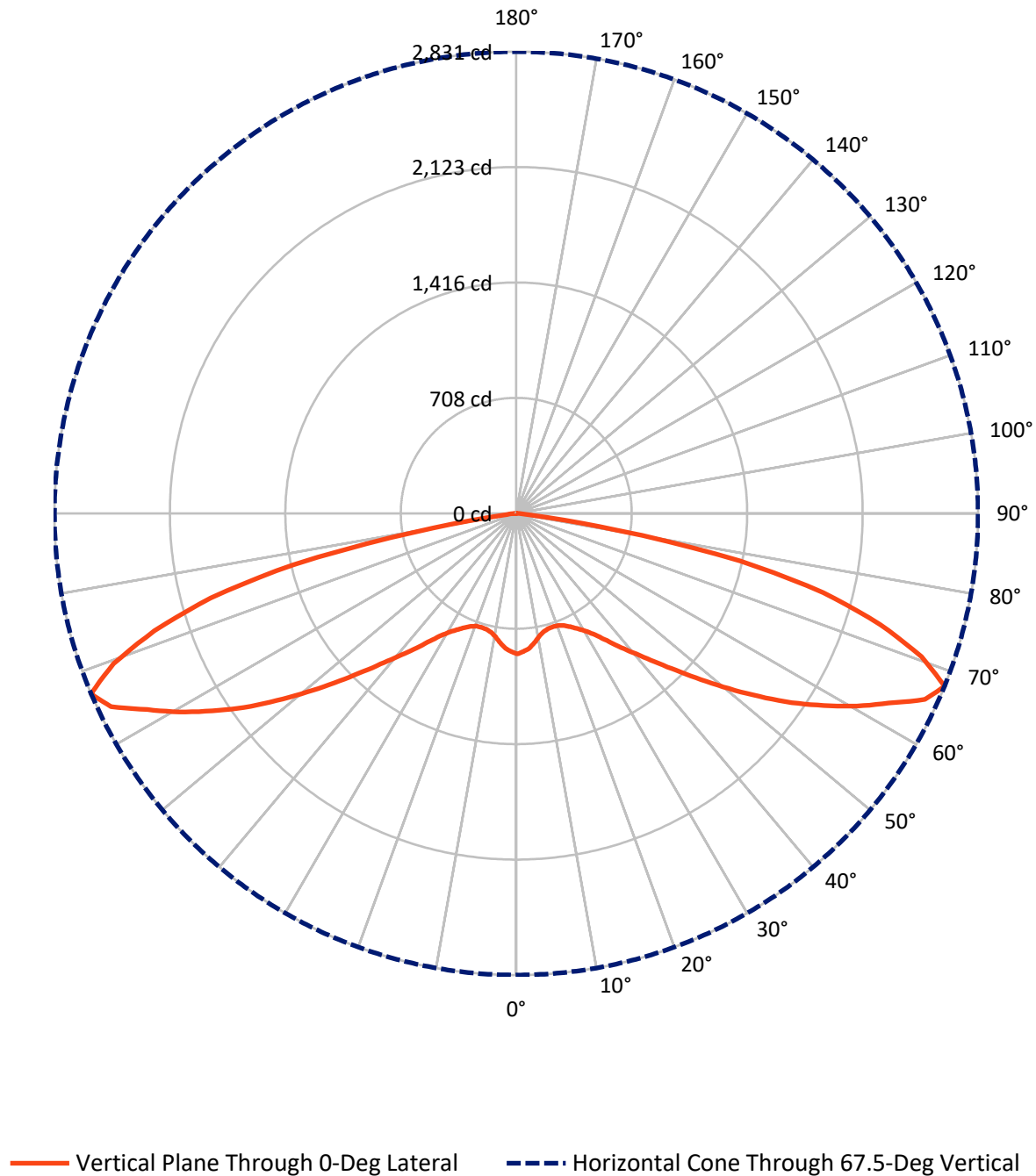
Lumens per Lamp: N/A
Luminaire Lumens: 8868 lumens
Efficiency: N/A
Efficacy: 145.4 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G2

Input Watts (W): 61
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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Luminous Intensity Polar Plot



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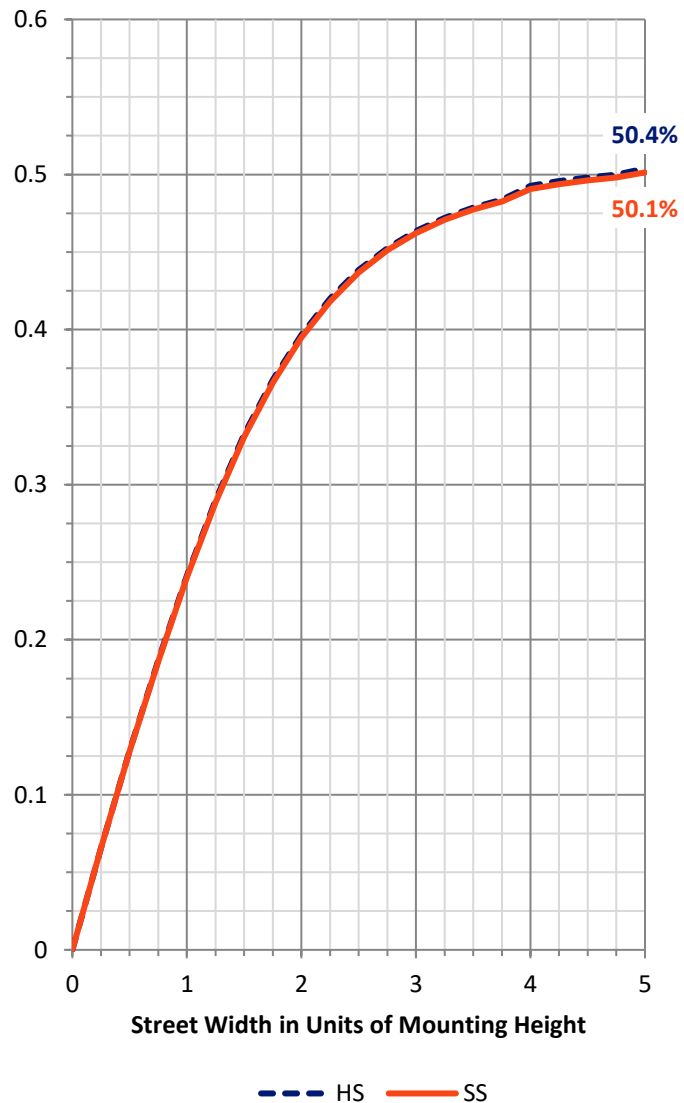
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4434.0	0.0	4434.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4434.0	0.0	4434.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	8868.0	0.0	8868.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.2	0.9
10°-20°	209.3	2.4
20°-30°	360.6	4.1
30°-40°	612.4	6.9
40°-50°	1080.4	12.2
50°-60°	1841.3	20.8
60°-70°	2648.4	29.9
70°-80°	1925.9	21.7
80°-90°	112.4	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°	8868.0	100.0
0°-180°	8868.0	100.0

Coefficient of Utilization



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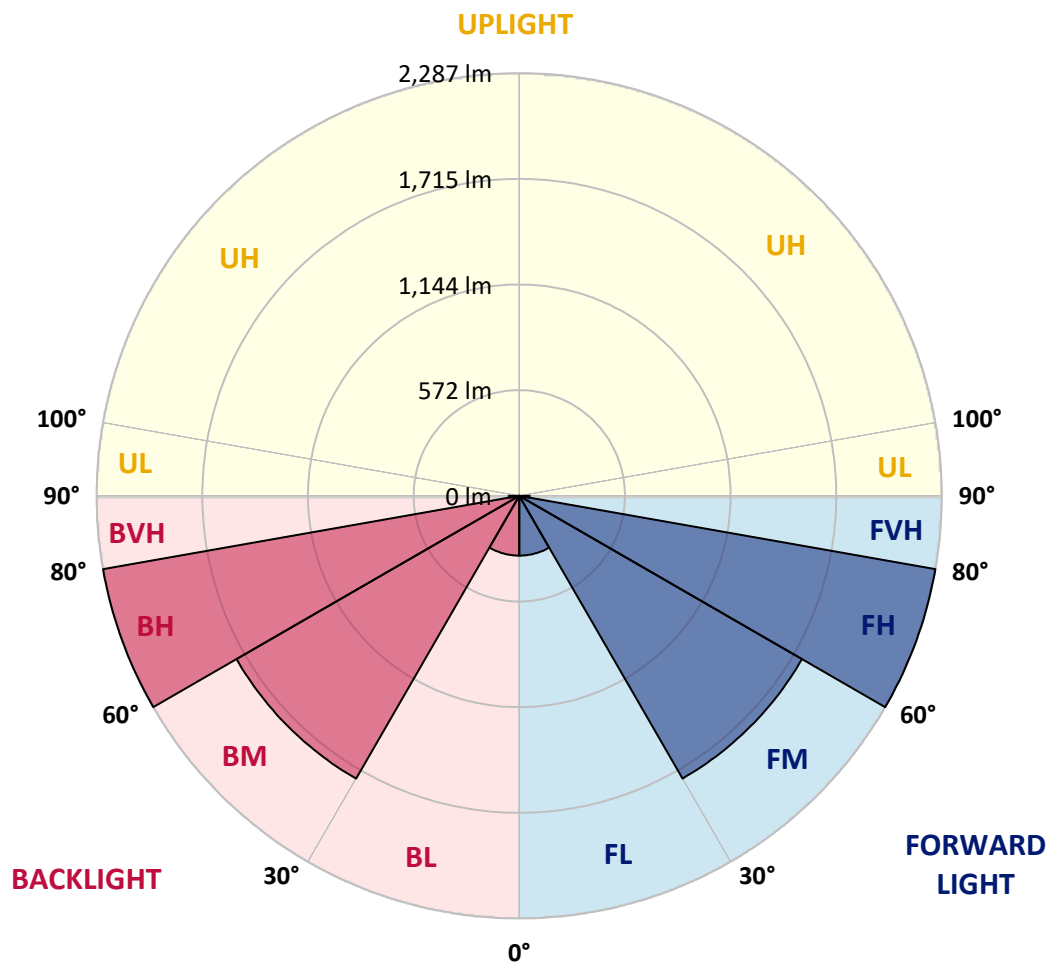
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	323.6	3.6			
FM	(30°-60°)	1767.1	19.9			
FH	(60°-80°)	2287.2	25.8			G2/5000
FVH	(80°-90°)	56.2	0.6			G1/100
BL	(0°-30°)	323.6	3.6	B1/500		
BM	(30°-60°)	1767.1	19.9	B2/2500		
BH	(60°-80°)	2287.2	25.8	B3/2500		G2/5000
BVH	(80°-90°)	56.2	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°	862.5
2.5°	848.5
5°	831.7
7.5°	800.9
10°	767.3
12.5°	744.9
15°	733.7
17.5°	730.9
20°	733.7
22.5°	747.7
25°	770.1
27.5°	800.9
30°	837.3
32.5°	887.7
35°	957.7
37.5°	1044.5
40°	1134.1
42.5°	1243.3
45°	1372.1
47.5°	1523.3
50°	1688.5
52.5°	1865.0
55°	2049.8
57.5°	2223.4
60°	2399.8
62.5°	2562.2
65°	2752.6
67.5°	2831.0
70°	2635.0
72.5°	2332.6
75°	1943.4
77.5°	1402.9
80°	627.3
82.5°	81.2
85°	16.8
87.5°	2.8
90°	0.0

(END OF REPORT)