

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: P691265

Luminaire Tested: **CRTK2-C015-5TLD-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691265
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-C015-5TLD-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

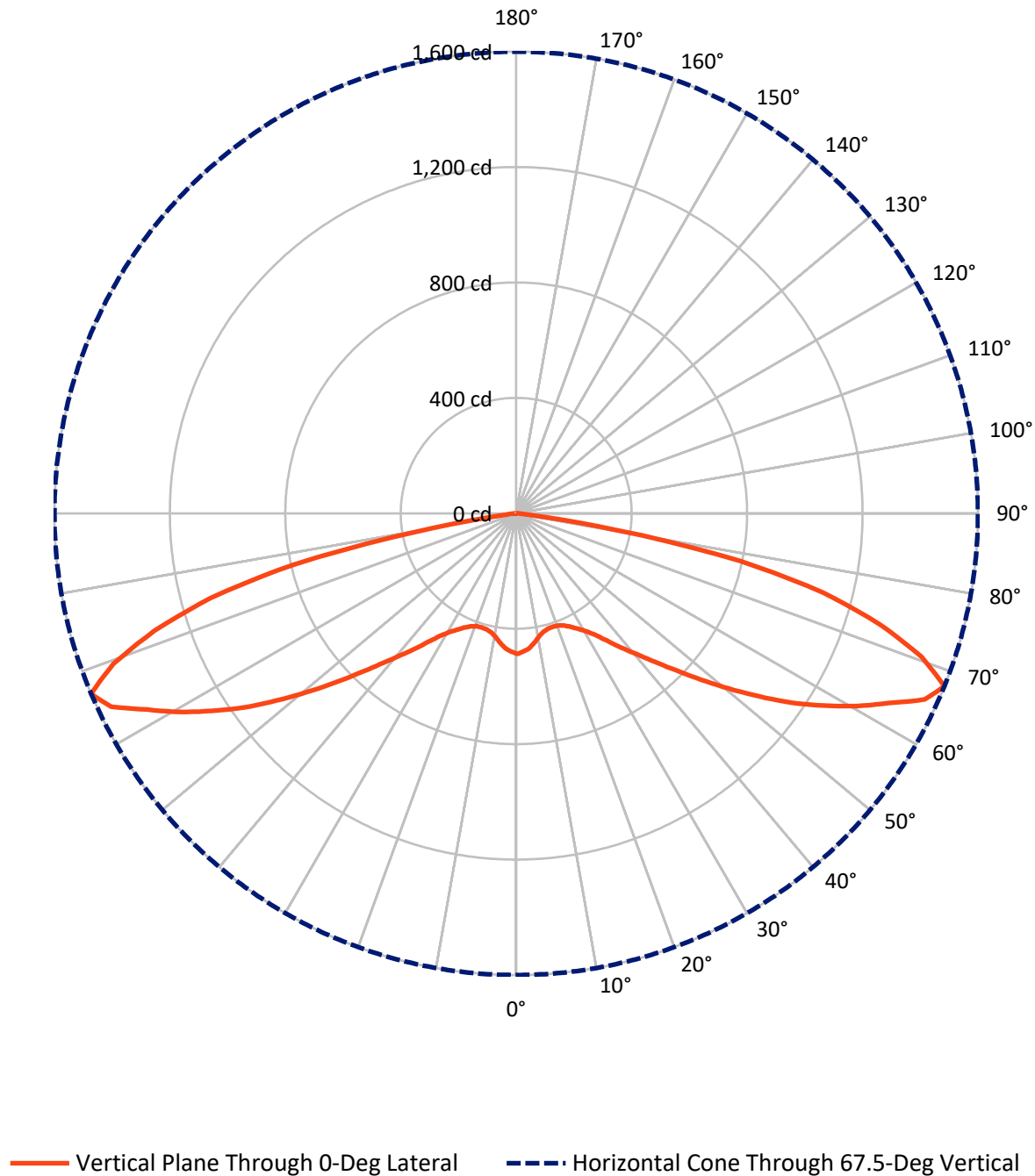
Lumens per Lamp: N/A
Luminaire Lumens: 5011 lumens
Efficiency: N/A
Efficacy: 153.2 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 32.7
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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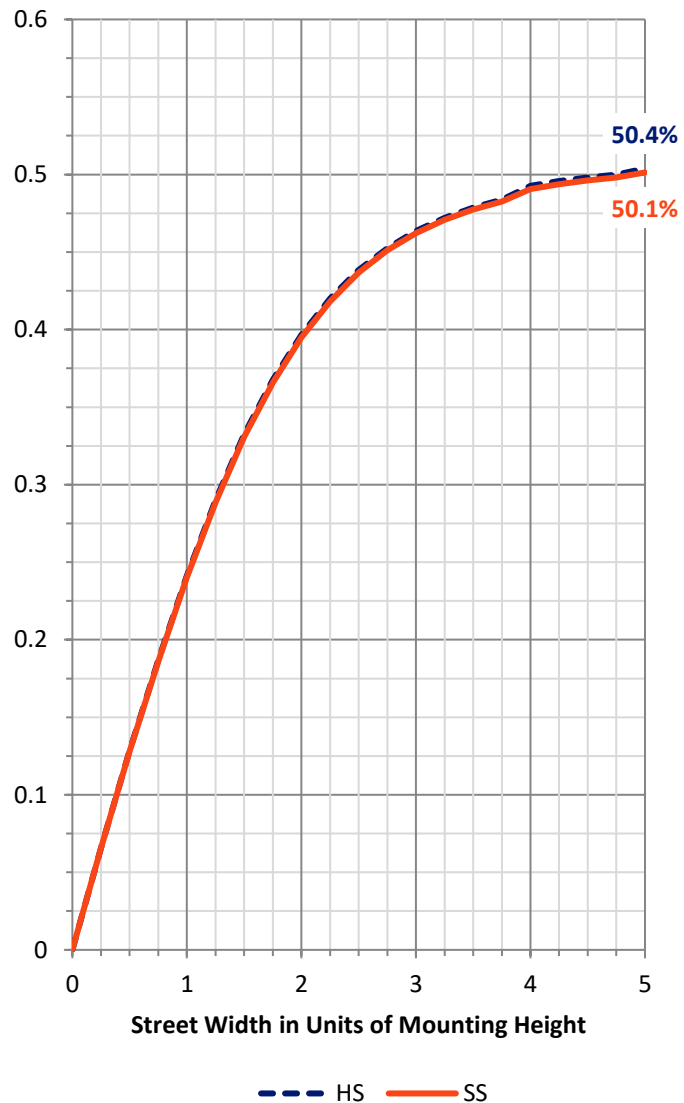
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2505.5	0.0	2505.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2505.5	0.0	2505.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5011.0	0.0	5011.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.6	0.9
10°-20°	118.3	2.4
20°-30°	203.8	4.1
30°-40°	346.0	6.9
40°-50°	610.5	12.2
50°-60°	1040.5	20.8
60°-70°	1496.5	29.9
70°-80°	1088.2	21.7
80°-90°	63.5	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°	5011.0	100.0
0°-180°	5011.0	100.0

Coefficient of Utilization



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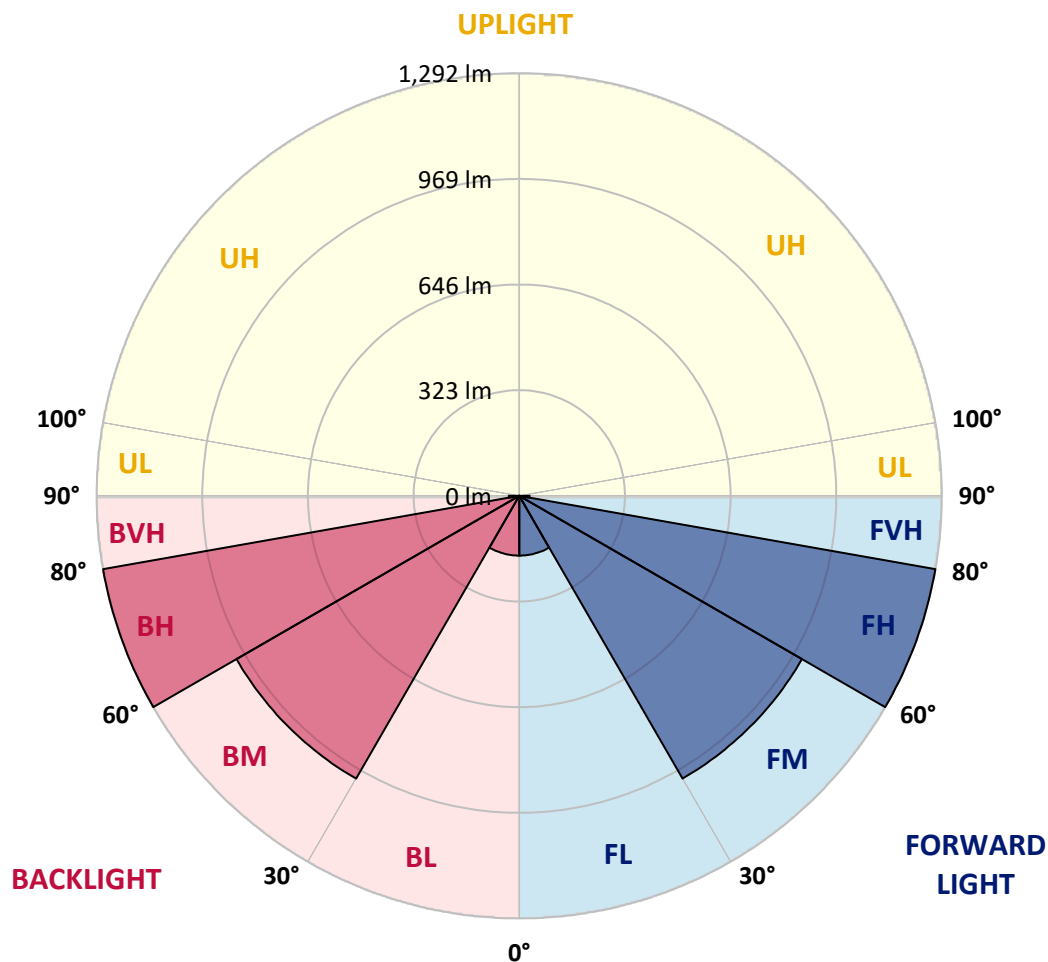
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	182.8	3.6			
FM	(30°-60°)	998.5	19.9			
FH	(60°-80°)	1292.4	25.8			G1/1800
FVH	(80°-90°)	31.8	0.6			G1/100
BL	(0°-30°)	182.8	3.6	B1/500		
BM	(30°-60°)	998.5	19.9	B1/1000		
BH	(60°-80°)	1292.4	25.8	B3/2500		G1/1800
BVH	(80°-90°)	31.8	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°	487.4
2.5°	479.4
5°	469.9
7.5°	452.5
10°	433.6
12.5°	420.9
15°	414.6
17.5°	413.0
20°	414.6
22.5°	422.5
25°	435.1
27.5°	452.5
30°	473.1
32.5°	501.6
35°	541.2
37.5°	590.2
40°	640.8
42.5°	702.5
45°	775.3
47.5°	860.8
50°	954.1
52.5°	1053.8
55°	1158.3
57.5°	1256.4
60°	1356.0
62.5°	1447.8
65°	1555.4
67.5°	1599.7
70°	1489.0
72.5°	1318.1
75°	1098.1
77.5°	792.7
80°	354.4
82.5°	45.9
85°	9.5
87.5°	1.6
90°	0.0

(END OF REPORT)