

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: P14233

Luminaire Tested: **CRTK-X-A12-E-120-5**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P14233
Test Lab: INNOVATION CENTER-P1
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-X-A12-E-120-5
Description: STREETWORKS CARETAKER, TYPE 5, 12 LED
Light Source: [12]4000K LEDS
Ballast/Driver: [1]ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6910.1 lumens
Efficiency: N/A
Efficacy: 98.7 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.1')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B3 - U0 - G1

Input Watts (W): 70
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: 28.75 FT



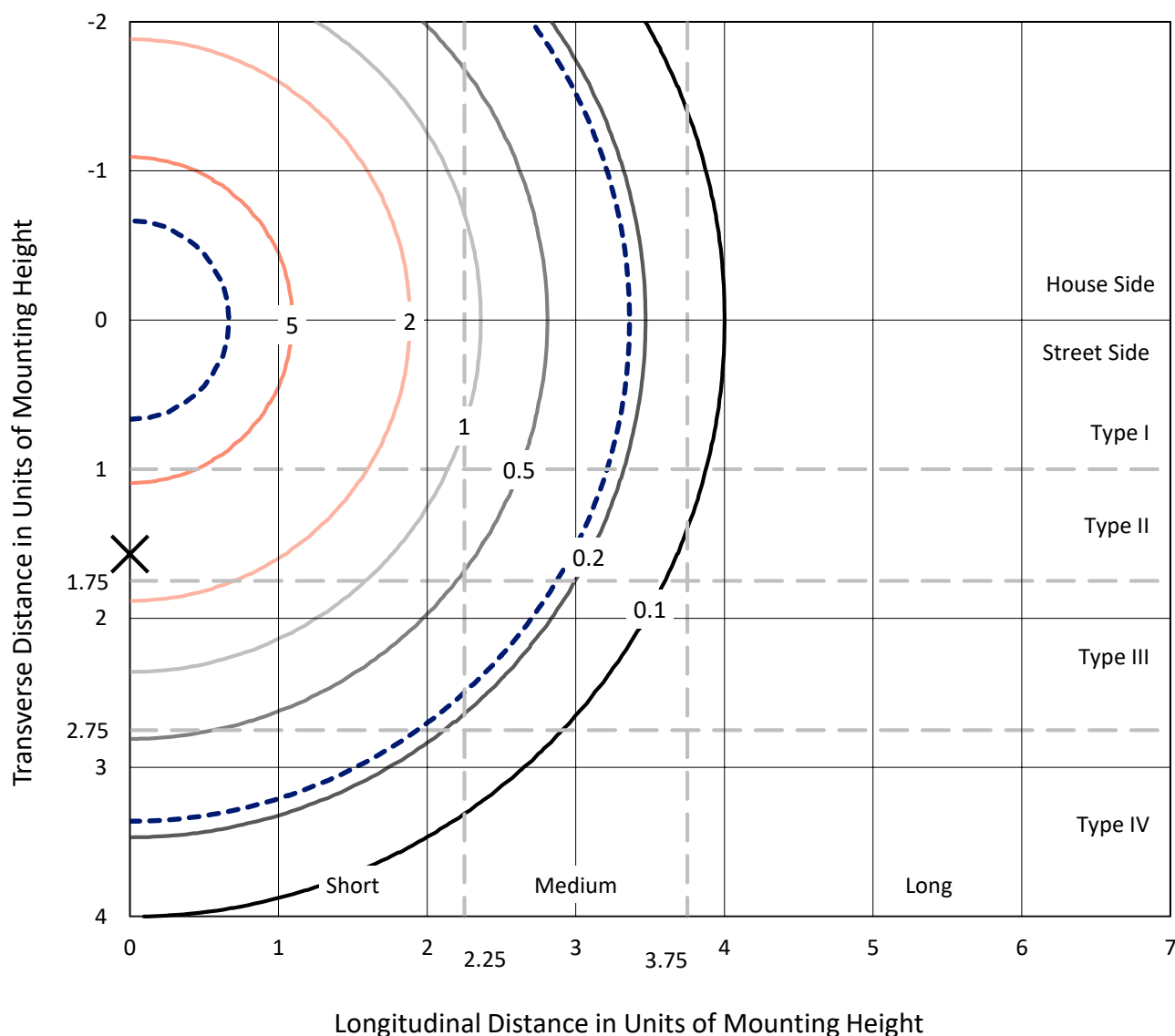
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

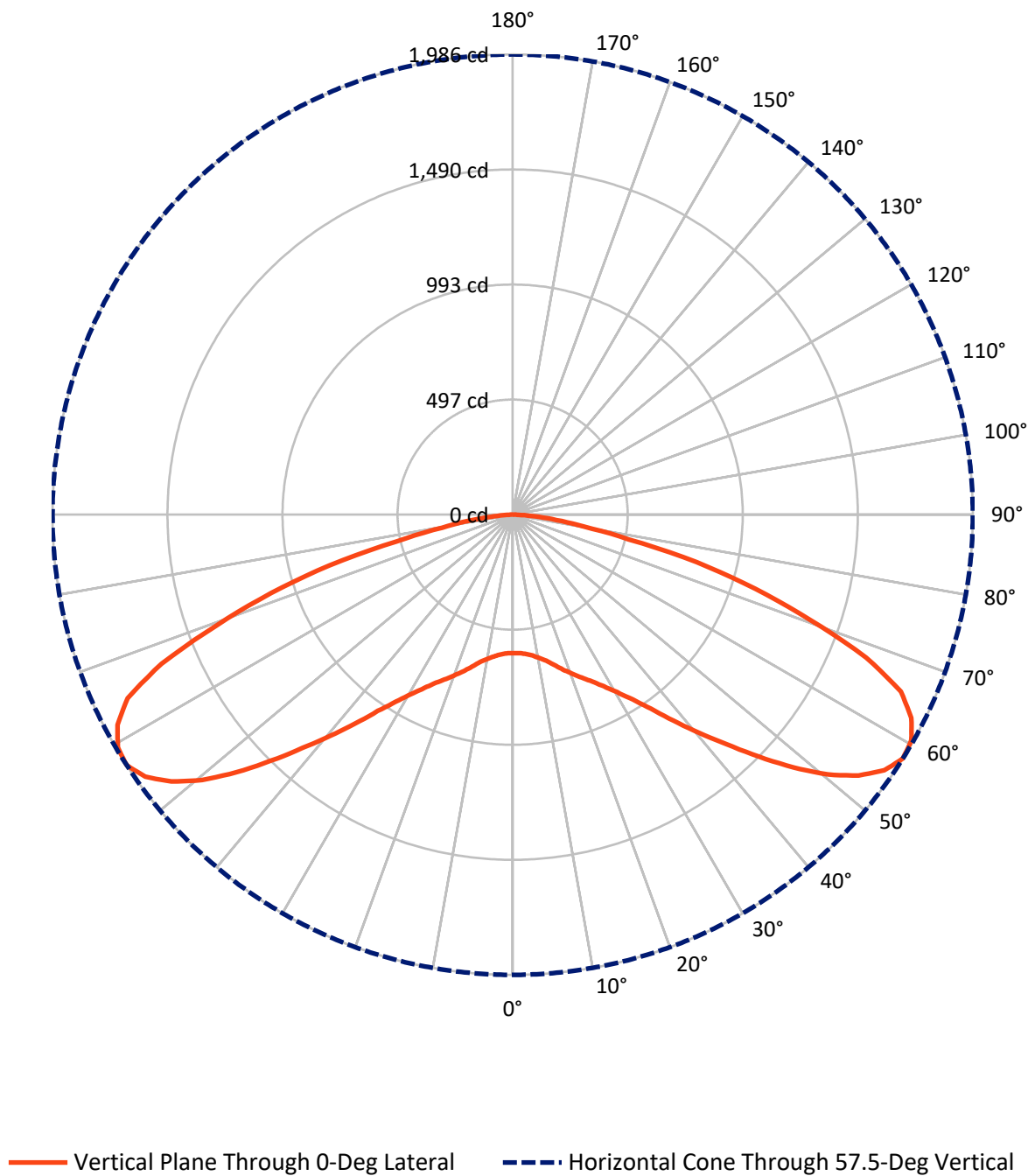


Based on 10 foot mounting height. Maximum calculated value = 6.1 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



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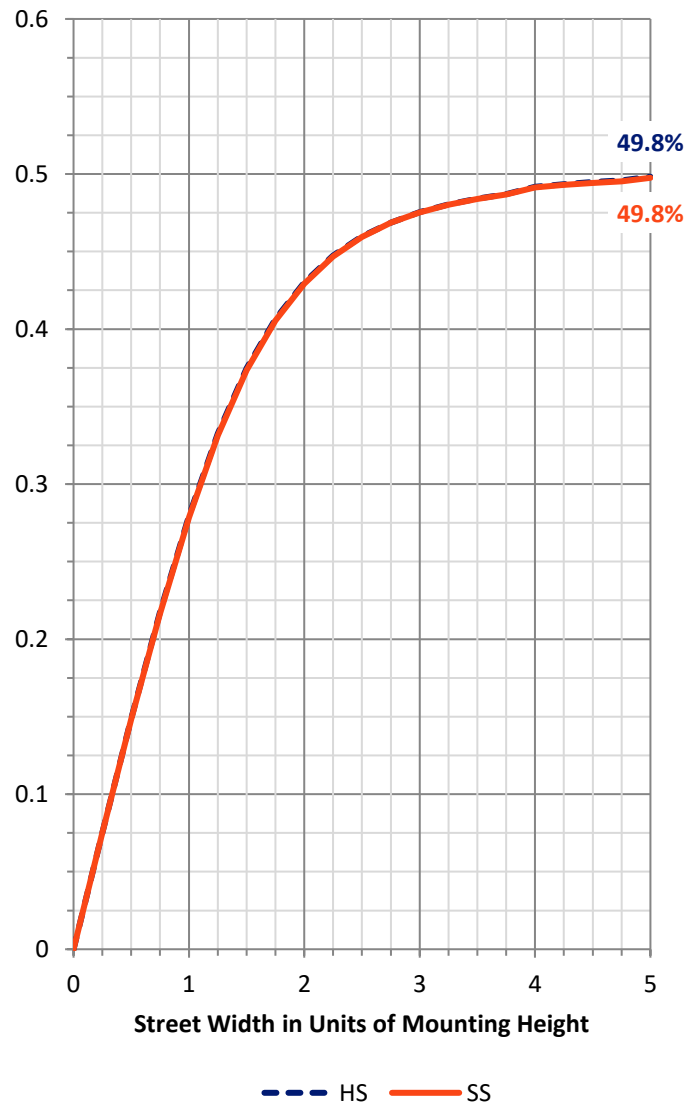
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3455.0	0.0	3455.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3455.0	0.0	3455.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6910.1	0.0	6910.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.4	0.8
10°-20°	193.1	2.8
20°-30°	373.6	5.4
30°-40°	659.2	9.5
40°-50°	1162.1	16.8
50°-60°	1722.9	24.9
60°-70°	1755.3	25.4
70°-80°	859.4	12.4
80°-90°	126.0	1.8
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°	6910.1	100.0
0°-180°	6910.1	100.0

Coefficient of Utilization



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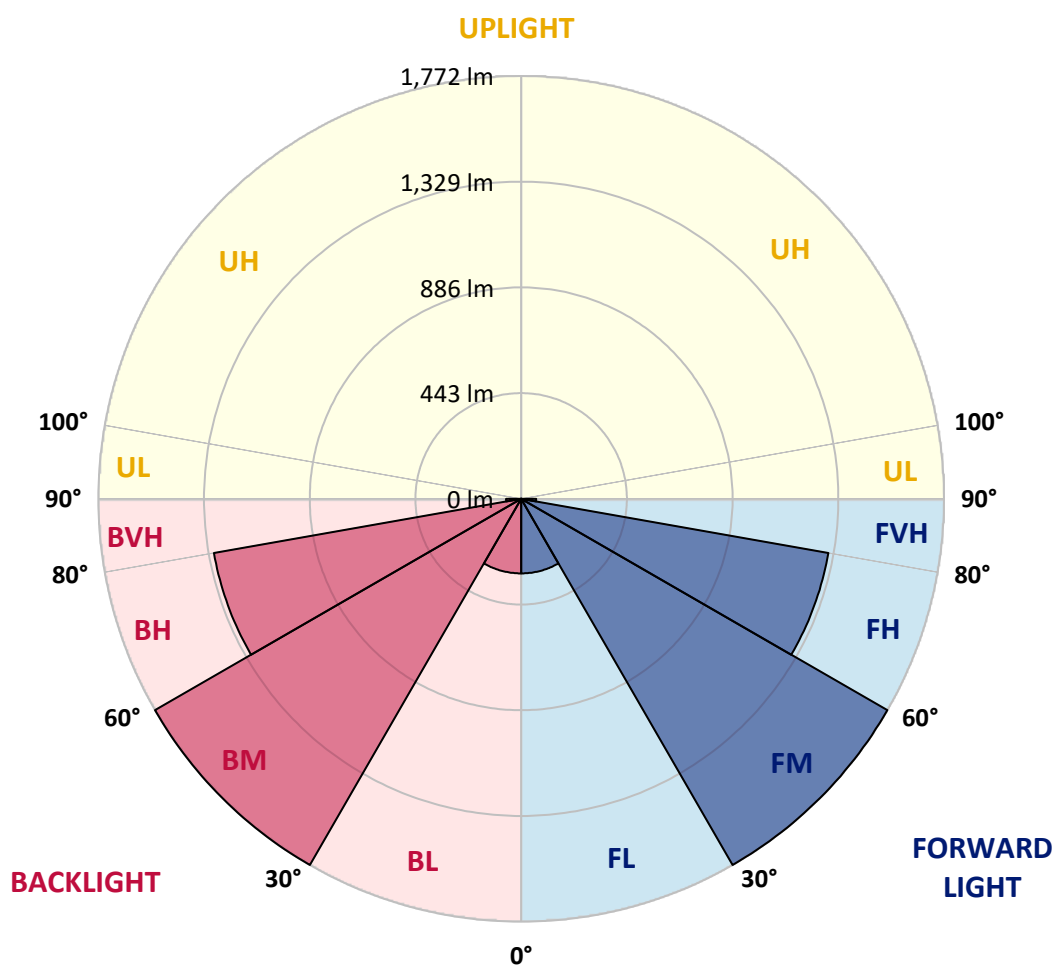
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	312.6	4.5			
FM	(30°-60°)	1772.1	25.6			
FH	(60°-80°)	1307.4	18.9			G1/1800
FVH	(80°-90°)	63.0	0.9			G1/100
BL	(0°-30°)	312.6	4.5	B1/500		
BM	(30°-60°)	1772.1	25.6	B2/2500		
BH	(60°-80°)	1307.4	18.9	B3/2500		G1/1800
BVH	(80°-90°)	63.0	0.9			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°	598
2.5°	598
5°	604
7.5°	614
10°	629
12.5°	647
15°	673
17.5°	703
20°	732
22.5°	764
25°	797
27.5°	839
30°	889
32.5°	951
35°	1028
37.5°	1128
40°	1237
42.5°	1354
45°	1489
47.5°	1630
50°	1763
52.5°	1870
55°	1947
57.5°	1986
60°	1977
62.5°	1931
65°	1841
67.5°	1646
70°	1364
72.5°	1095
75°	821
77.5°	513
80°	309
82.5°	191
85°	94
87.5°	24
90°	0

(END OF REPORT)