

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: P14241

Luminaire Tested: **CRTK-X-A12-E-120-5-5000**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P14241
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-120-5-5000
Description: STREETWORKS CARETAKER, TYPE 5, 12 LED
Light Source: [12]5000K LEDS
Ballast/Driver: [1]ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7169.4 lumens
Efficiency: N/A
Efficacy: 102.4 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



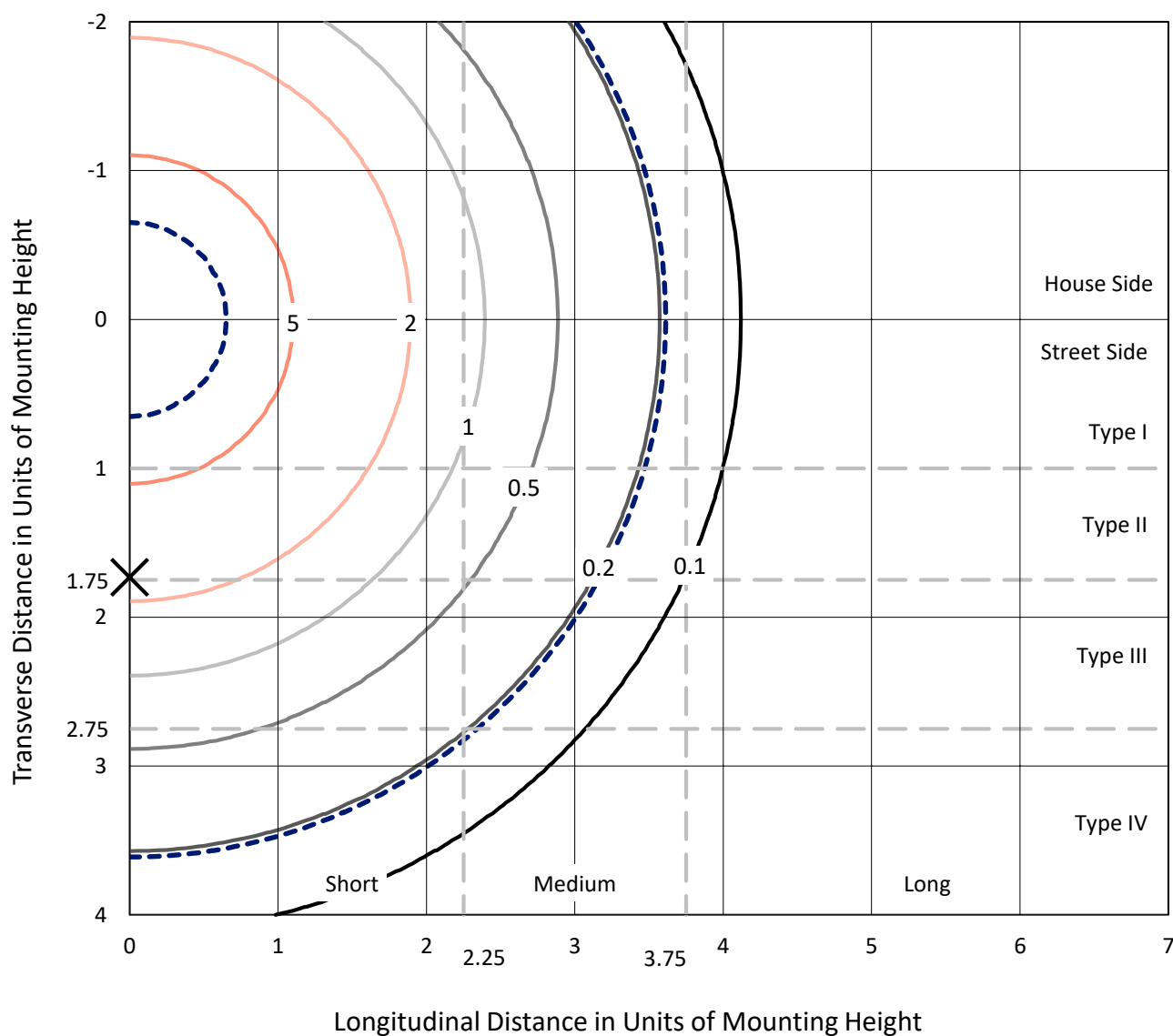
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

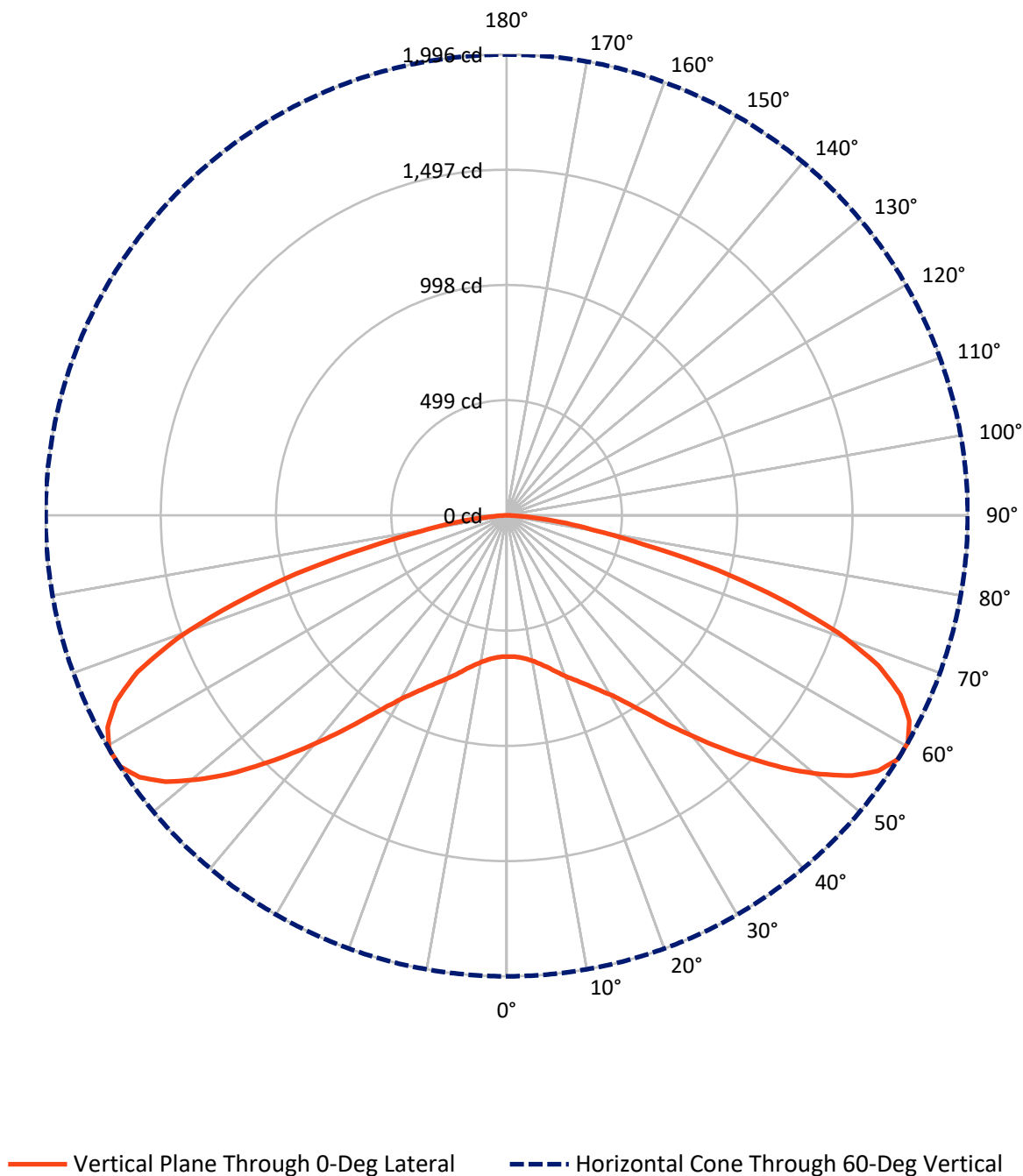


Based on 10 foot mounting height. Maximum calculated value = 6.2 fc
Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



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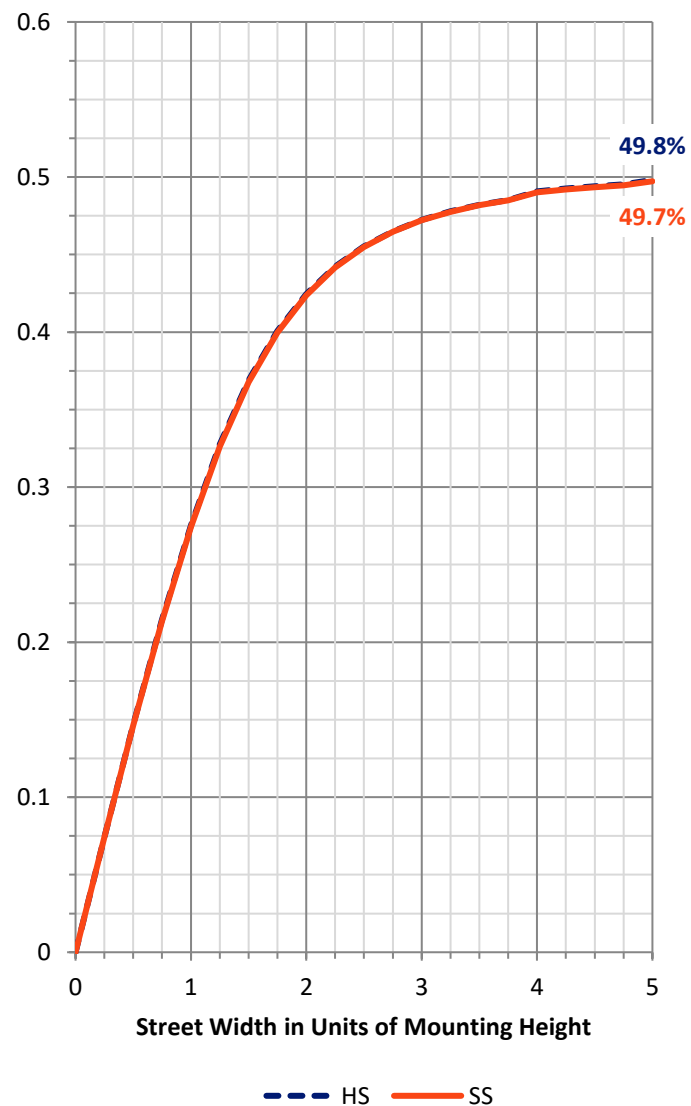
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3584.7	0.0	3584.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3584.7	0.0	3584.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	7169.4	0.0	7169.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.8	0.8
10°-20°	196.8	2.7
20°-30°	381.0	5.3
30°-40°	675.8	9.4
40°-50°	1176.7	16.4
50°-60°	1728.8	24.1
60°-70°	1815.1	25.3
70°-80°	985.1	13.7
80°-90°	150.3	2.1
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°	7169.4	100.0
0°-180°	7169.4	100.0

Coefficient of Utilization



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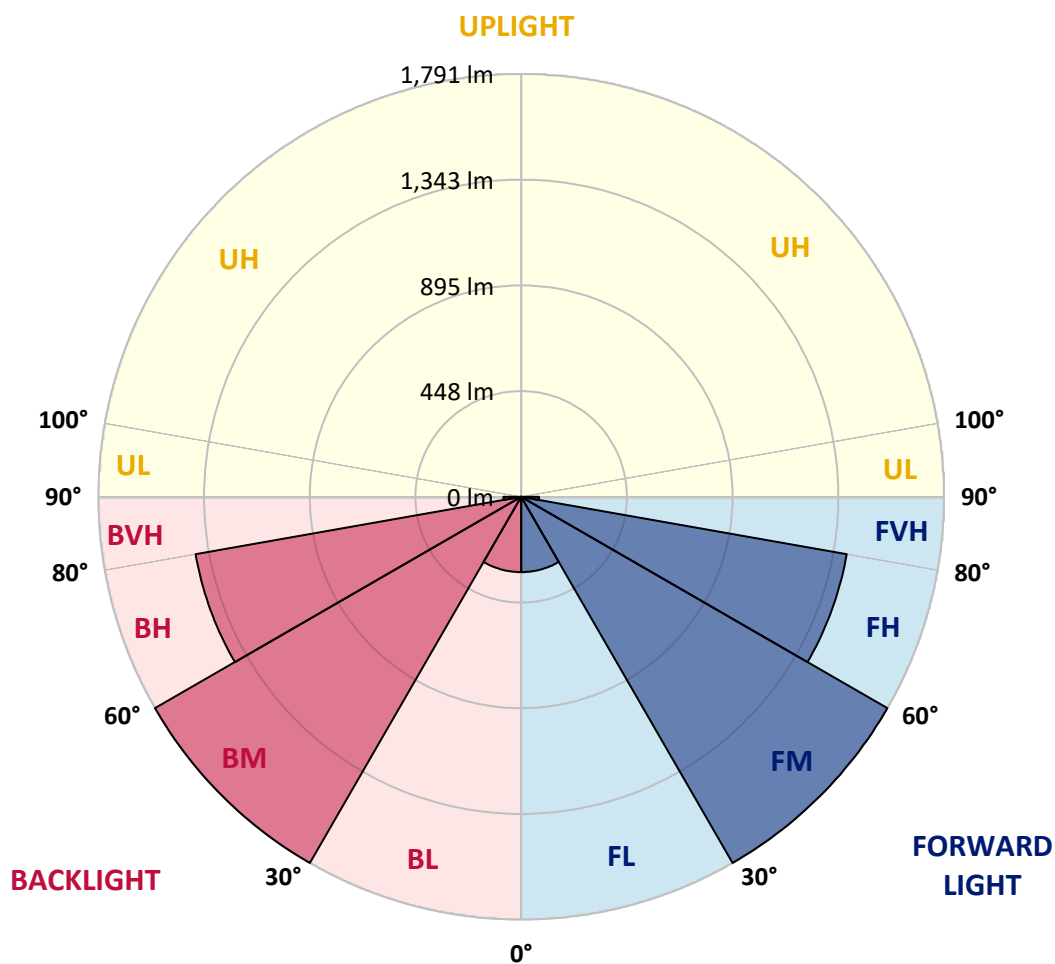
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	318.8	4.4			
FM	(30°-60°)	1790.7	25.0			
FH	(60°-80°)	1400.1	19.5			G1/1800
FVH	(80°-90°)	75.2	1.0			G1/100
BL	(0°-30°)	318.8	4.4	B1/500		
BM	(30°-60°)	1790.7	25.0	B2/2500		
BH	(60°-80°)	1400.1	19.5	B3/2500		G1/1800
BVH	(80°-90°)	75.2	1.0			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°	612
2.5°	612
5°	618
7.5°	628
10°	642
12.5°	662
15°	685
17.5°	715
20°	746
22.5°	777
25°	814
27.5°	857
30°	906
32.5°	974
35°	1057
37.5°	1158
40°	1266
42.5°	1386
45°	1510
47.5°	1641
50°	1761
52.5°	1873
55°	1952
57.5°	1995
60°	1996
62.5°	1956
65°	1874
67.5°	1736
70°	1524
72.5°	1240
75°	941
77.5°	610
80°	378
82.5°	233
85°	105
87.5°	26
90°	0

(END OF REPORT)