

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: P208712

Luminaire Tested: **CRTK-X-A08-E-120-5-3000**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P208712
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P14228)
Test Lab: INNOVATION CENTER-P1
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-X-A08-E-120-5-3000
Description: STREETWORKS CARETAKER, TYPE 5, 8 LED

Light Source: EATON LED 3000K
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3755 lumens
Efficiency: N/A
Efficacy: 78.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.42' x H: 0.1')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B2 - U0 - G1

Input Watts (W): 48
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

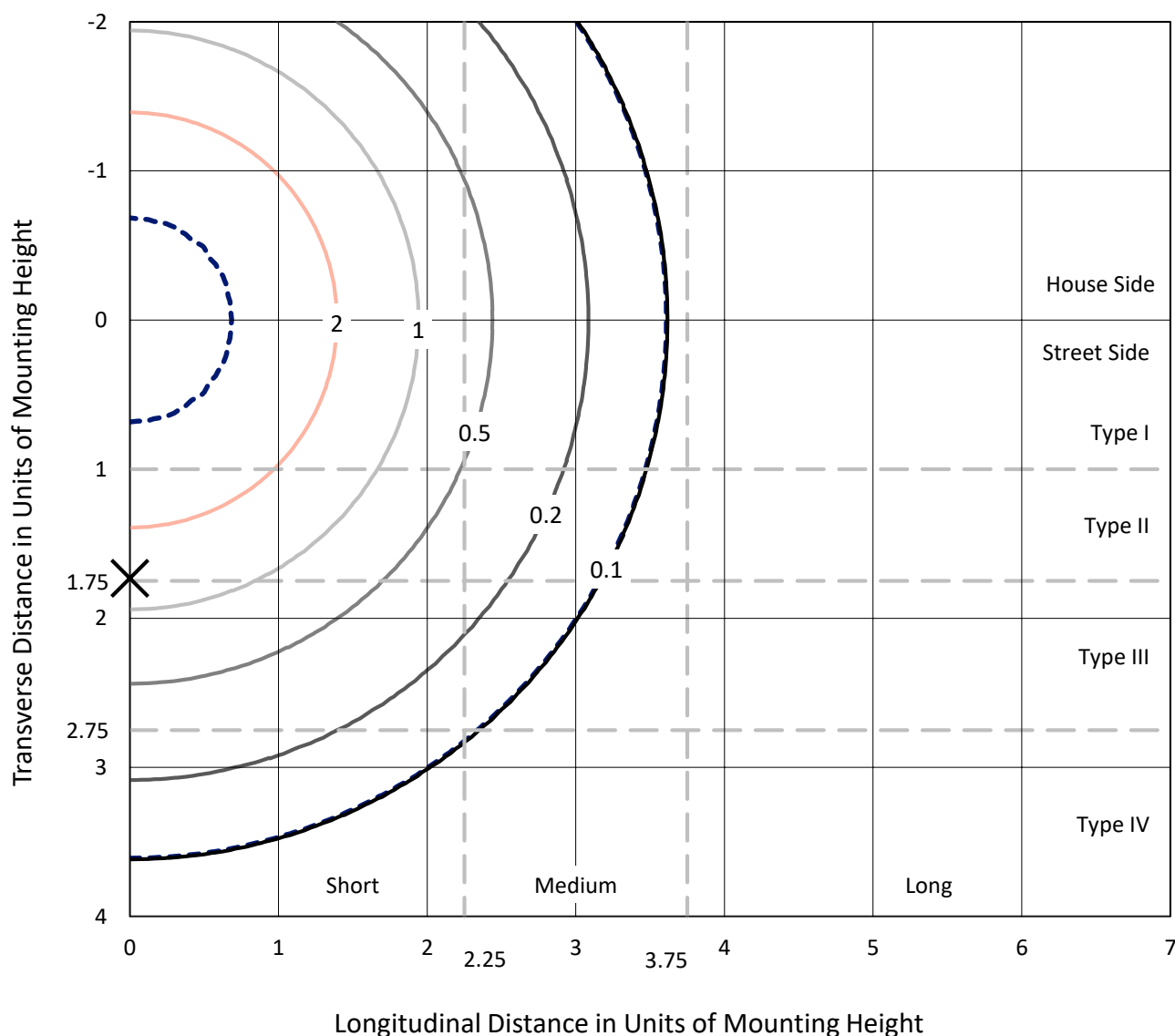


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

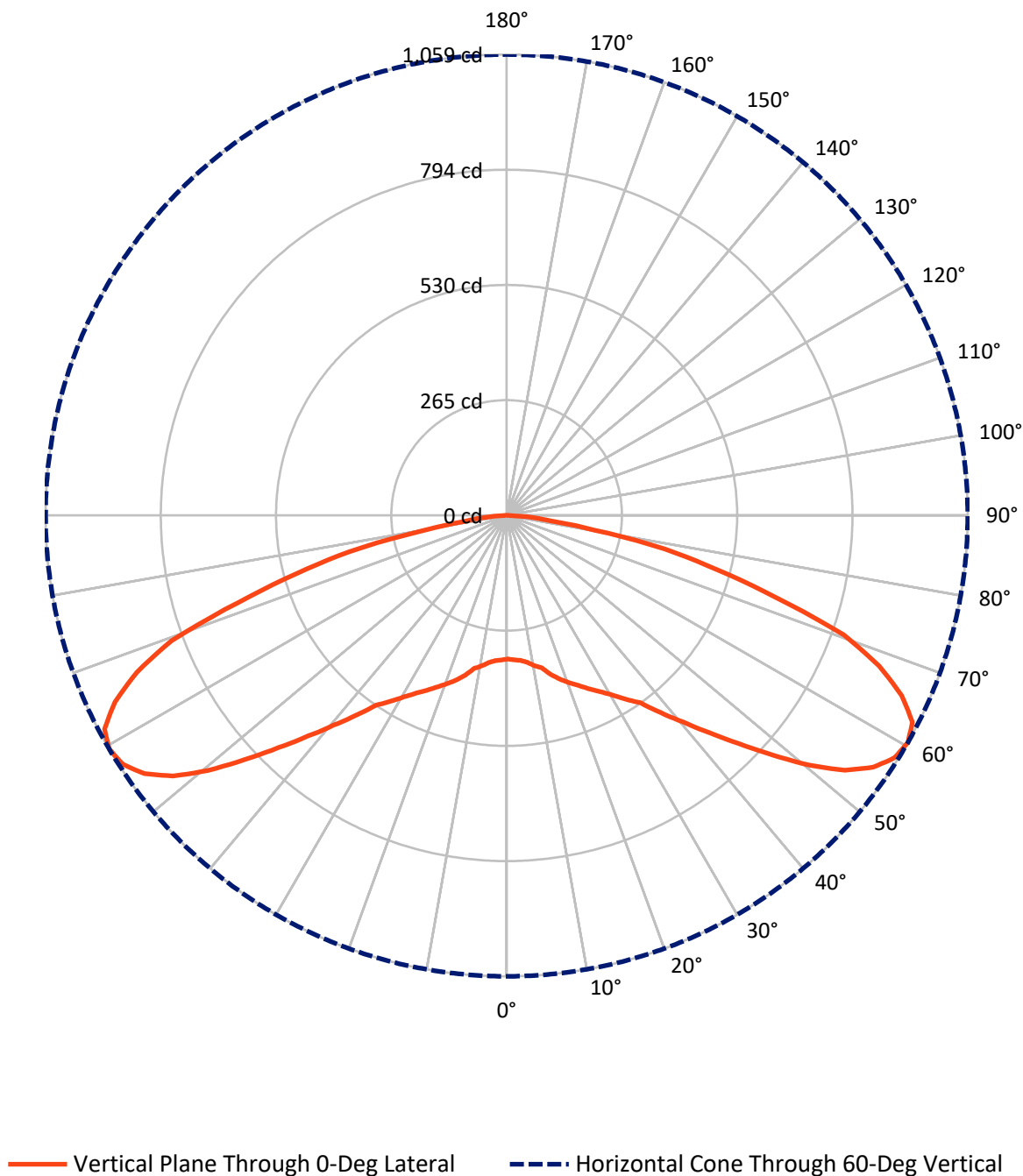


Based on 10 foot mounting height. Maximum calculated value = 3.4 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



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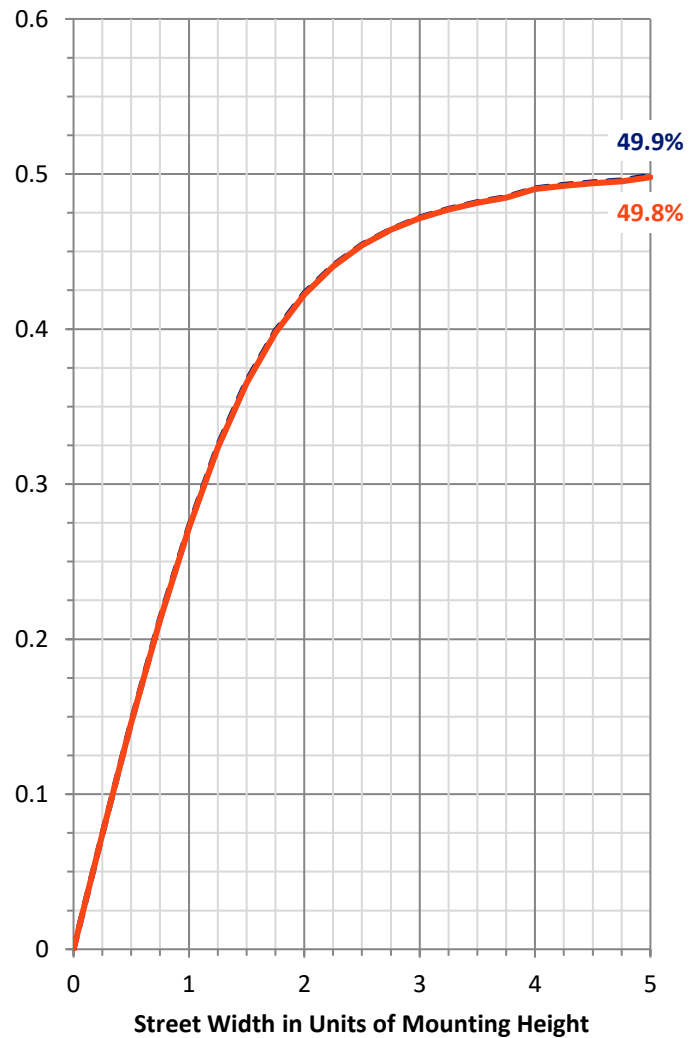
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1877.5	0.0	1877.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1877.5	0.0	1877.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3755.0	0.0	3755.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	0.9
10°-20°	108.3	2.9
20°-30°	205.7	5.5
30°-40°	340.9	9.1
40°-50°	587.1	15.6
50°-60°	904.4	24.1
60°-70°	967.8	25.8
70°-80°	535.4	14.3
80°-90°	72.7	1.9
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°	3755.0	100.0
0°-180°	3755.0	100.0

Coefficient of Utilization



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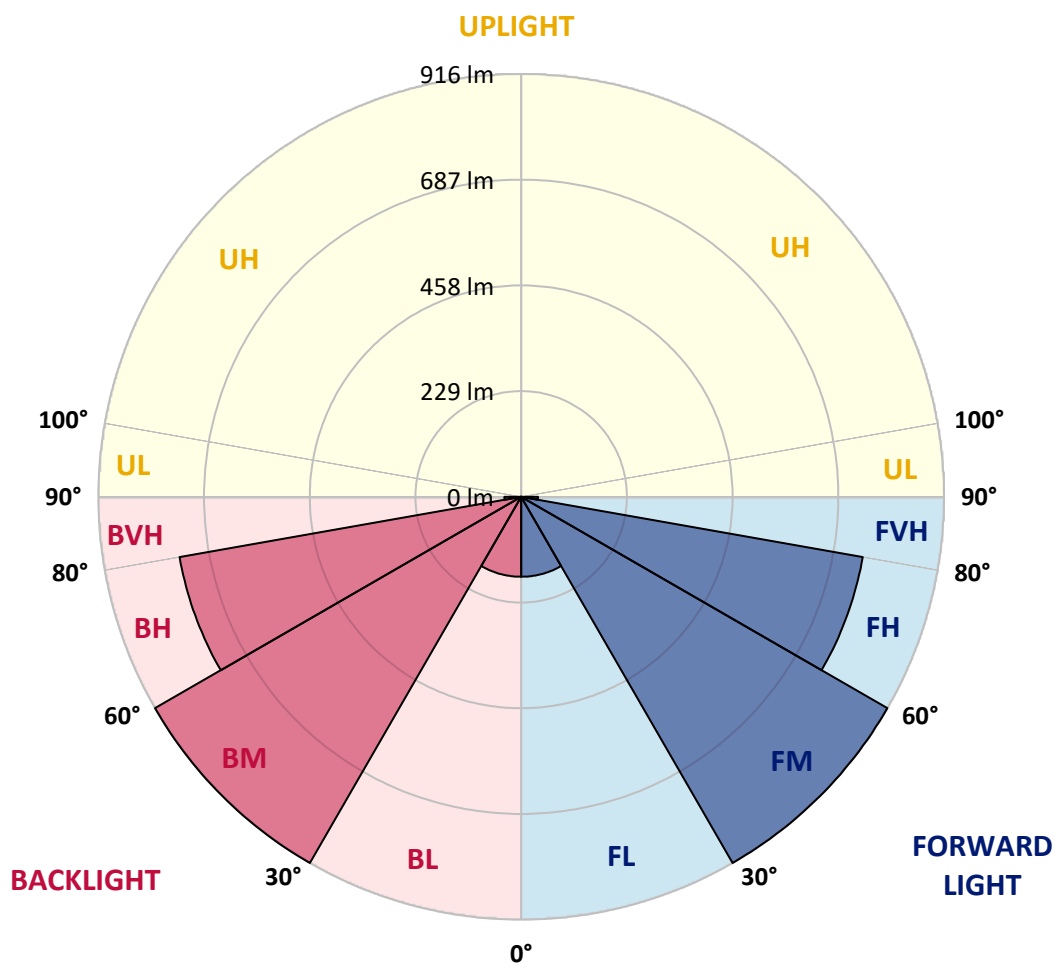
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	173.2	4.6			
FM	(30°-60°)	916.2	24.4			
FH	(60°-80°)	751.6	20.0			G1/1800
FVH	(80°-90°)	36.4	1.0			G1/100
BL	(0°-30°)	173.2	4.6	B1/500		
BM	(30°-60°)	916.2	24.4	B1/1000		
BH	(60°-80°)	751.6	20.0	B2/1000		G1/1800
BVH	(80°-90°)	36.4	1.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short





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CANDELA DISTRIBUTION (FULL):

0°	
0°	330.0
2.5°	332.3
5°	334.7
7.5°	340.9
10°	351.0
12.5°	359.6
15°	379.1
17.5°	395.5
20°	410.3
22.5°	425.1
25°	441.5
27.5°	458.7
30°	479.0
32.5°	503.9
35°	528.9
37.5°	574.9
40°	624.8
42.5°	682.6
45°	748.1
47.5°	823.0
50°	902.5
52.5°	972.8
55°	1021.9
57.5°	1050.8
60°	1059.3
62.5°	1046.1
65°	996.9
67.5°	922.8
70°	821.4
72.5°	648.2
75°	500.8
77.5°	371.3
80°	204.4
82.5°	99.1
85°	56.9
87.5°	9.4
90°	0.0

(END OF REPORT)