

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: P14228

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: 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
Description: CARETAKER TYPE 5 8 LED
Light Source: [8] 4000K LEDS
Ballast/Driver: [1] ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4813.6 lumens
Efficiency: N/A
Efficacy: 98.2 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): 49
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



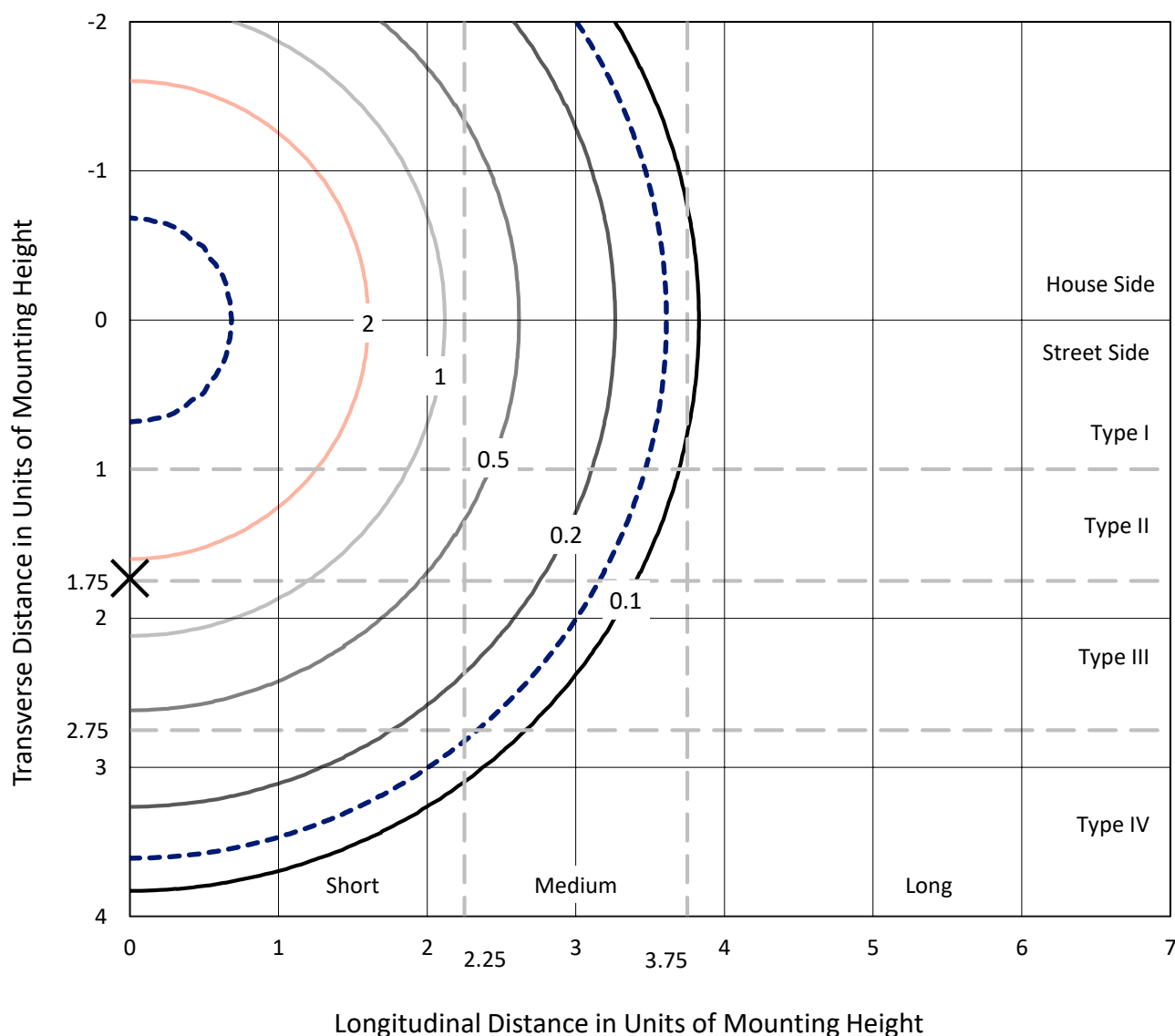
REPORT NUMBER: P14228

CATALOG NUMBER: CRTK-X-A08-E-120-5

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

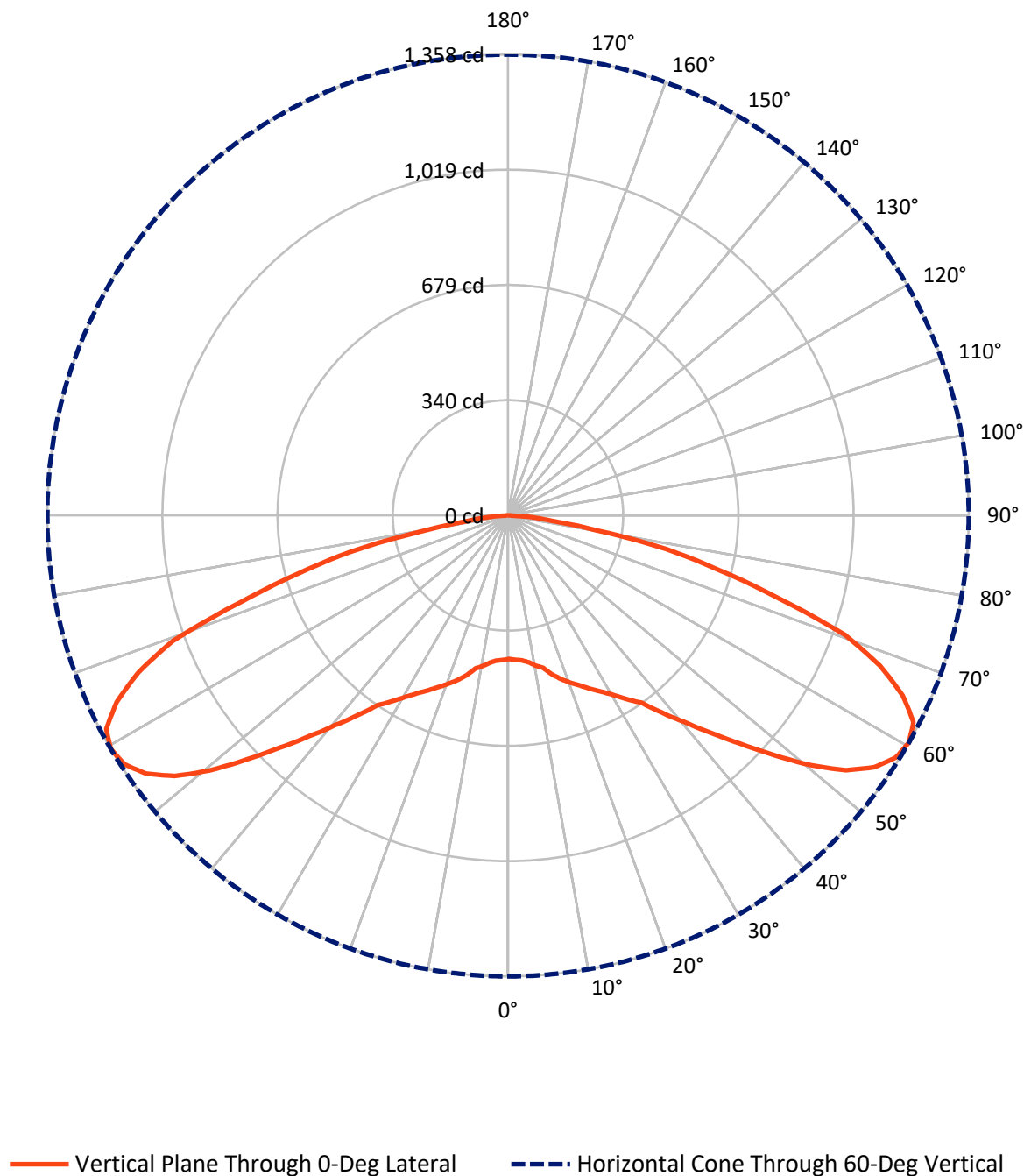


Based on 10 foot mounting height. Maximum calculated value = 4.4 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P14228

CATALOG NUMBER: CRTK-X-A08-E-120-5

Luminous Intensity Polar Plot



REPORT NUMBER: P14228

CATALOG NUMBER: CRTK-X-A08-E-120-5

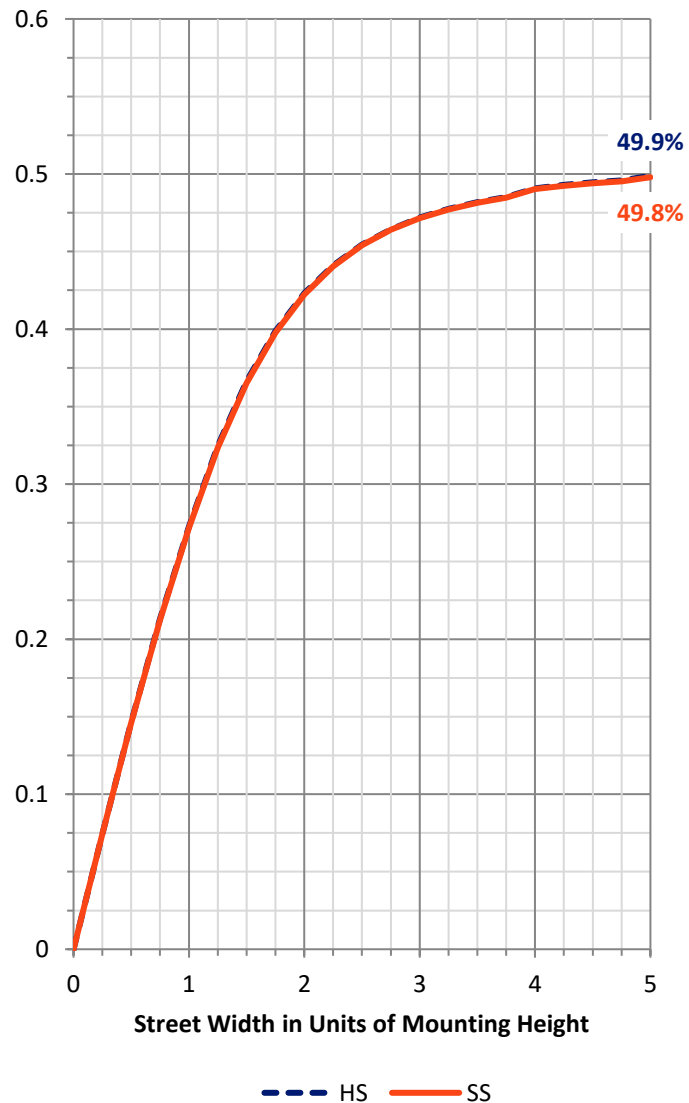
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2406.8	0.0	2406.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2406.8	0.0	2406.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4813.6	0.0	4813.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.6	0.9
10°-20°	138.8	2.9
20°-30°	263.7	5.5
30°-40°	437.1	9.1
40°-50°	752.7	15.6
50°-60°	1159.4	24.1
60°-70°	1240.7	25.8
70°-80°	686.4	14.3
80°-90°	93.2	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°	4813.6	100.0
0°-180°	4813.6	100.0

Coefficient of Utilization



REPORT NUMBER: P14228

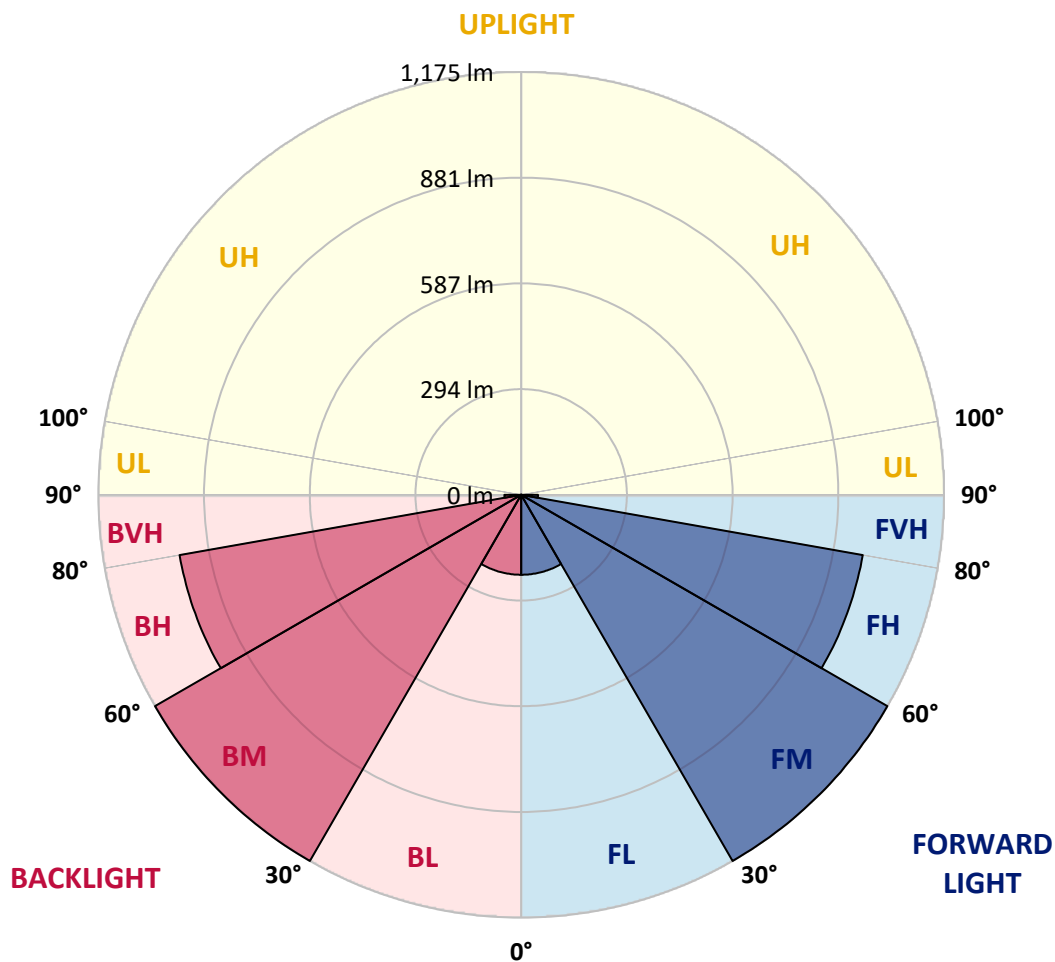
CATALOG NUMBER: CRTK-X-A08-E-120-5

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	222.1	4.6			
FM	(30°-60°)	1174.6	24.4			
FH	(60°-80°)	963.6	20.0			G1/1800
FVH	(80°-90°)	46.6	1.0			G1/100
BL	(0°-30°)	222.1	4.6	B1/500		
BM	(30°-60°)	1174.6	24.4	B2/2500		
BH	(60°-80°)	963.6	20.0	B2/1000		G1/1800
BVH	(80°-90°)	46.6	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





REPORT NUMBER: P14228

CATALOG NUMBER: CRTK-X-A08-E-120-5

CANDELA DISTRIBUTION (FULL):

0°	
0°	423
2.5°	426
5°	429
7.5°	437
10°	450
12.5°	461
15°	486
17.5°	507
20°	526
22.5°	545
25°	566
27.5°	588
30°	614
32.5°	646
35°	678
37.5°	737
40°	801
42.5°	875
45°	959
47.5°	1055
50°	1157
52.5°	1247
55°	1310
57.5°	1347
60°	1358
62.5°	1341
65°	1278
67.5°	1183
70°	1053
72.5°	831
75°	642
77.5°	476
80°	262
82.5°	127
85°	73
87.5°	12
90°	0

(END OF REPORT)