

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: P853305

Luminaire Tested: **CRTK-N-20-740-U-T5R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853305
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-15)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-20-740-U-T5R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

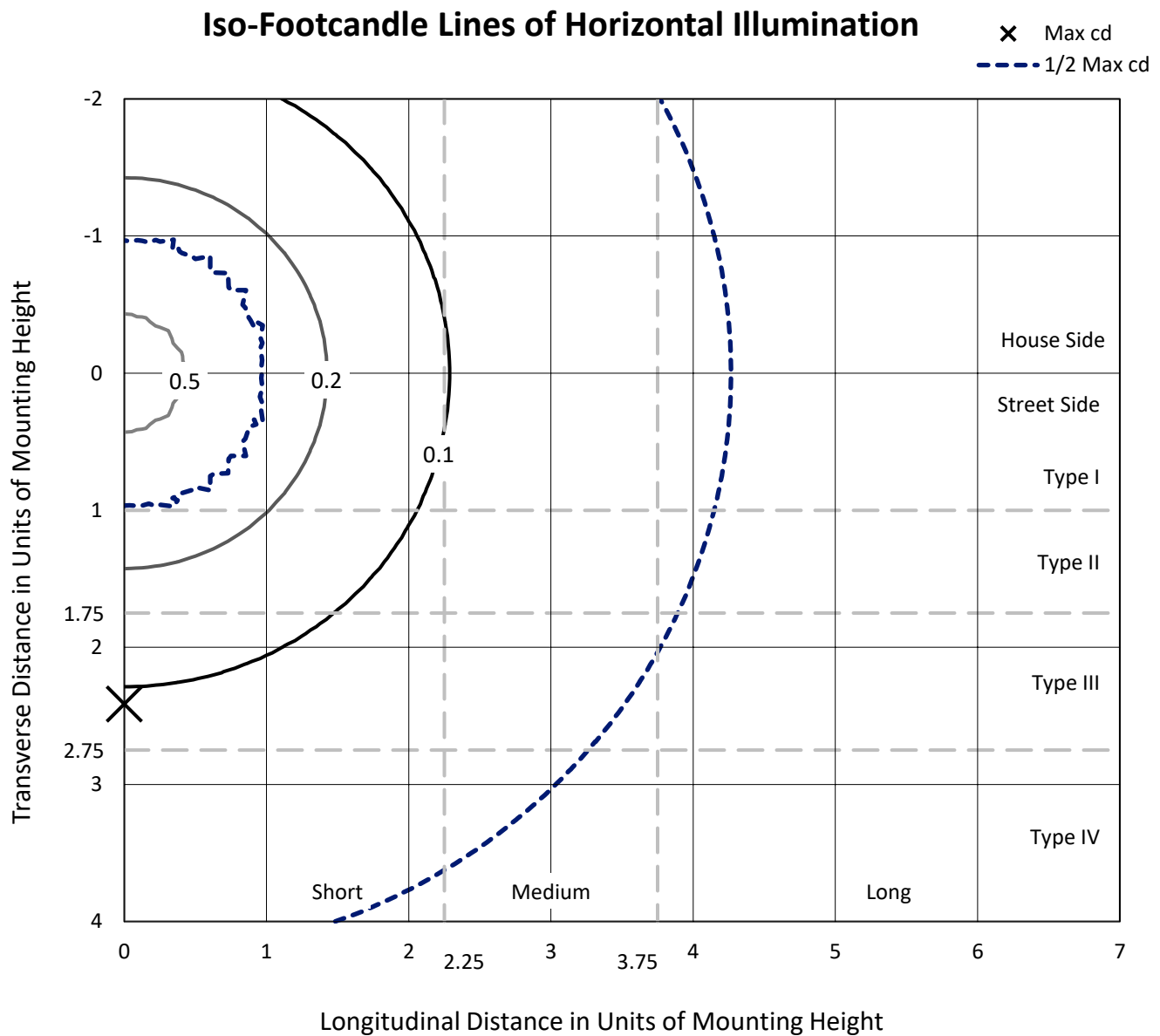
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3530 lumens
Efficiency: N/A
Efficacy: 152.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.25')
IES Classification: Type V - Short
BUG Rating: B2 - U3 - G1

Input Watts (W): 23.2
Input Voltage (V): 120.0
Input Current (Ain): 0.196
Voltage Rise (V): NR
Power Factor: 0.9875
Total Harmonic Distortion (THDi): 10%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



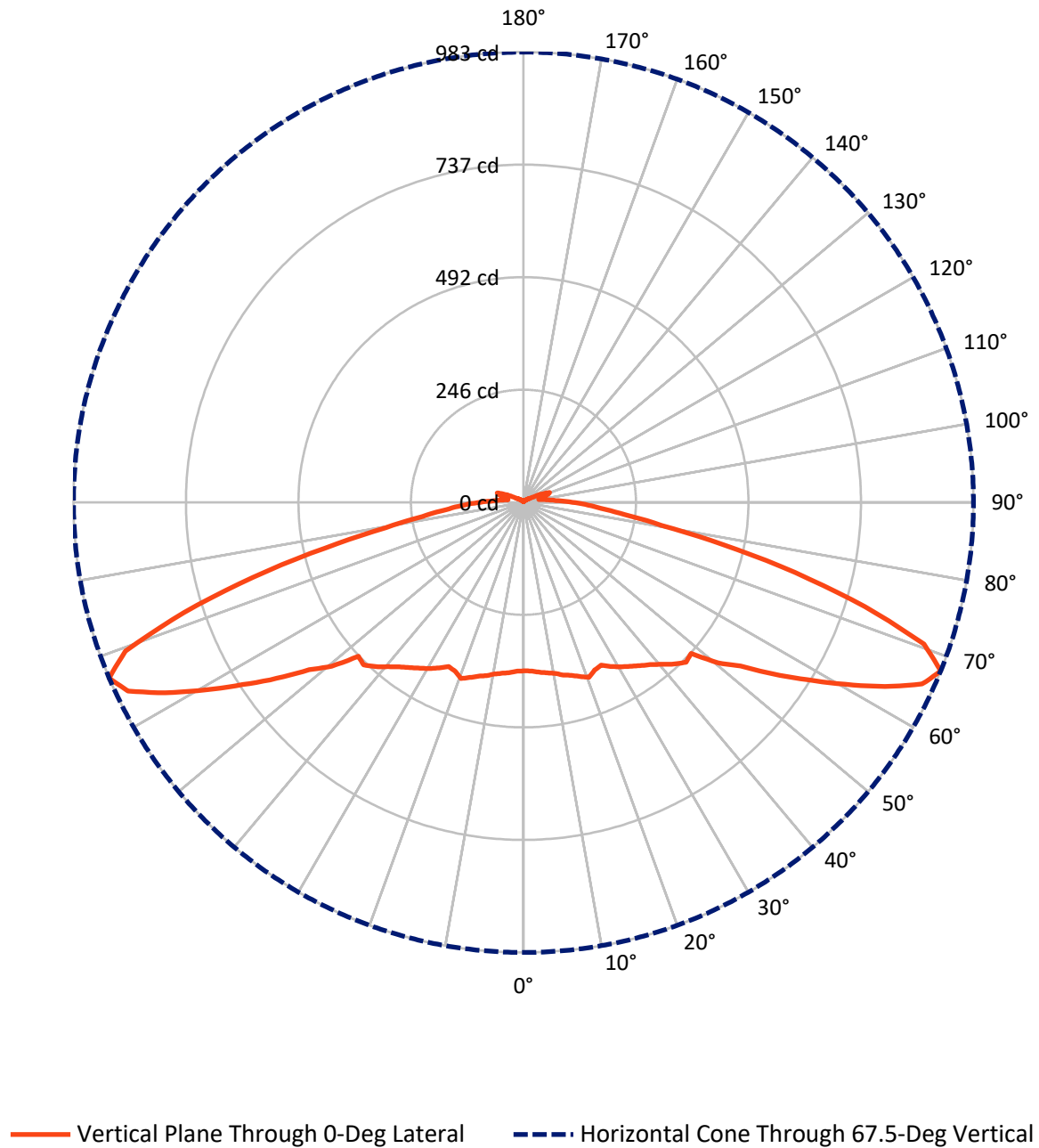
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Based on 25 foot mounting height. Maximum calculated value = 0.6 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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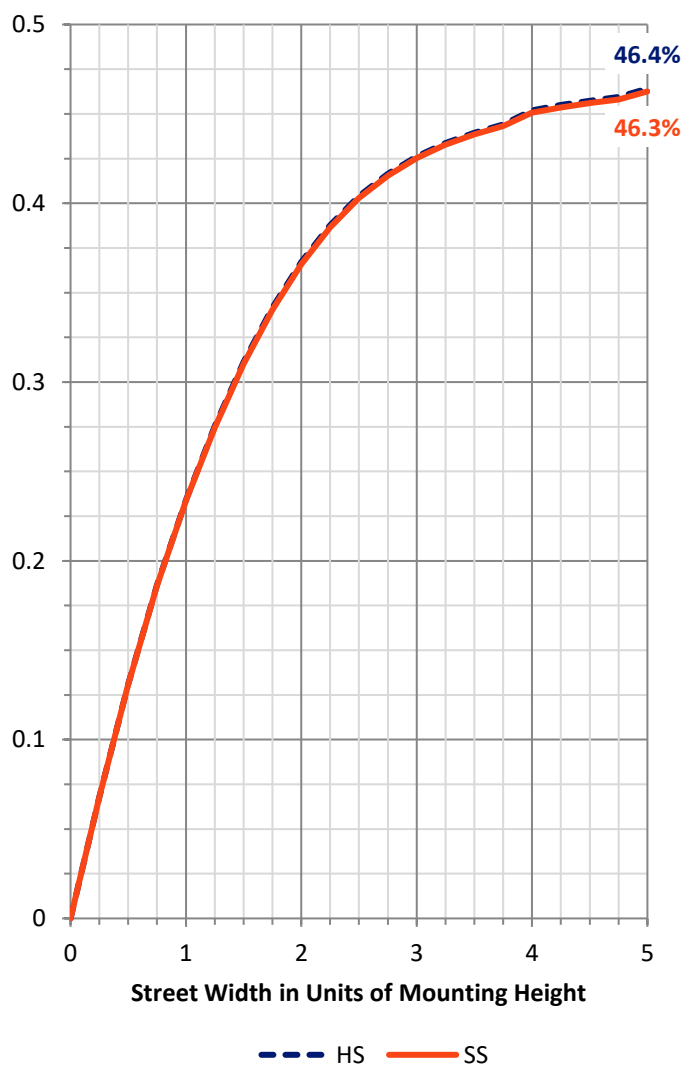
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1679.3	85.7	1765.0
	% Fixture	47.6	2.4	50.0
Street Side	Lumens	1679.3	85.7	1765.0
	% Fixture	47.6	2.4	50.0
Total	Lumens	3358.6	171.4	3530.0
	% Fixture	95.1	4.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.8	1.0
10°-20°	111.9	3.2
20°-30°	186.5	5.3
30°-40°	276.4	7.8
40°-50°	384.4	10.9
50°-60°	600.2	17.0
60°-70°	917.5	26.0
70°-80°	646.8	18.3
80°-90°	199.1	5.6
90°-100°	64.2	1.8
100°-110°	47.9	1.4
110°-120°	37.9	1.1
120°-130°	11.8	0.3
130°-140°	5.5	0.2
140°-150°	2.5	0.1
150°-160°	1.2	0.0
160°-170°	0.4	0.0
170°-180°	0.0	0.0
0°-90°	3358.6	95.1
0°-180°	3530.0	100.0

Coefficient of Utilization



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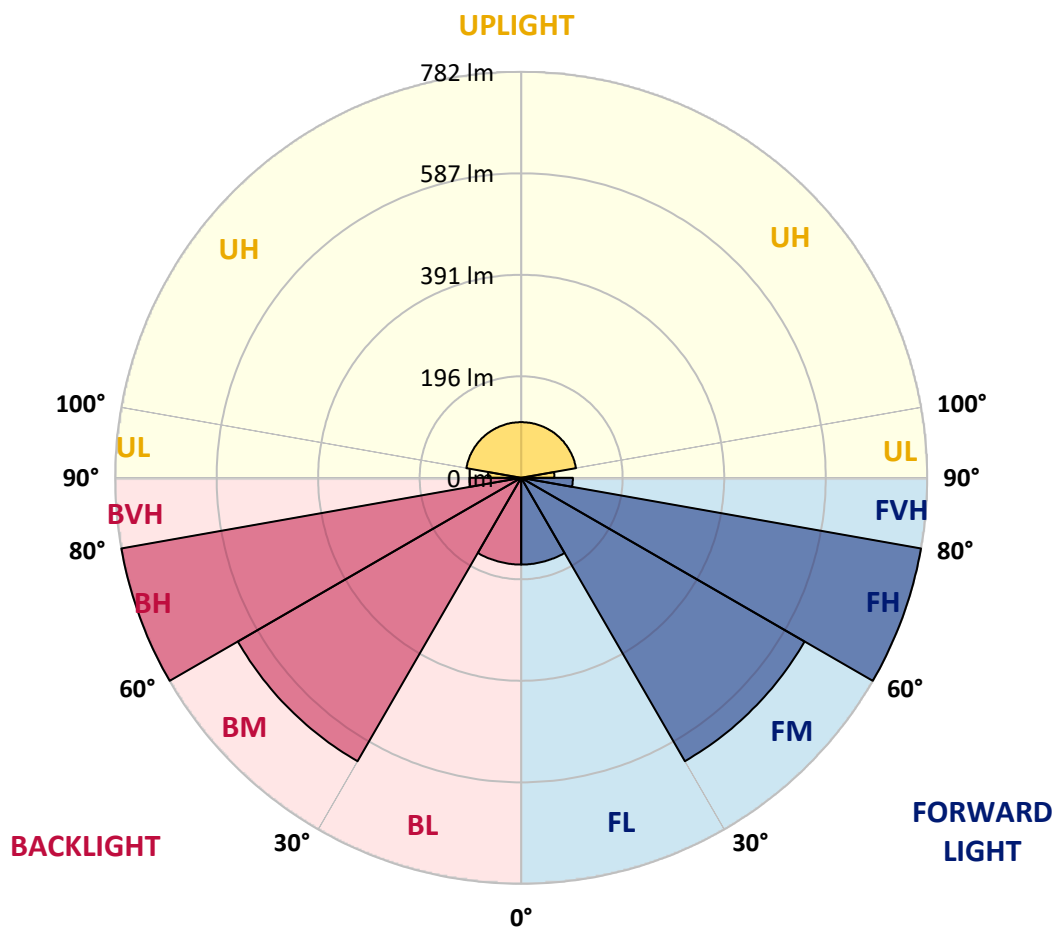
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	167.1	4.7			
FM	(30°-60°)	630.5	17.9			
FH	(60°-80°)	782.2	22.2			G1/1800
FVH	(80°-90°)	99.6	2.8			G1/100
BL	(0°-30°)	167.1	4.7	B1/500		
BM	(30°-60°)	630.5	17.9	B1/1000		
BH	(60°-80°)	782.2	22.2	B2/1000		G1/1800
BVH	(80°-90°)	99.6	2.8			G1/100
UL	(90°-100°)	64.2	1.8		U3/500	
UH	(100°-180°)	107.2	3.0		U3/500	

BUG Rating: B2-U3-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	368
2.5°	369
5°	373
7.5°	376
10°	380
12.5°	387
15°	392
17.5°	400
20°	408
22.5°	398
25°	394
27.5°	406
30°	417
32.5°	427
35°	438
37.5°	450
40°	465
42.5°	483
45°	498
47.5°	493
50°	551
52.5°	594
55°	662
57.5°	731
60°	807
62.5°	886
65°	957
67.5°	983
70°	928
72.5°	780
75°	613
77.5°	445
80°	306
82.5°	223
85°	170
87.5°	135
90°	100
92.5°	71
95°	55
97.5°	42
100°	34
102.5°	35
105°	43
107.5°	56
110°	61

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	49
115°	38
117.5°	25
120°	18
122.5°	15
125°	13
127.5°	11
130°	9
132.5°	8
135°	7
137.5°	6
140°	5
142.5°	4
145°	4
147.5°	4
150°	3
152.5°	3
155°	3
157.5°	2
160°	2
162.5°	2
165°	2
167.5°	0
170°	0
172.5°	0
175°	0
177.5°	0
180°	0

(END OF REPORT)