

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: P853451

Luminaire Tested: **CRTK-N-50-727-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853451
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-13)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-50-727-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

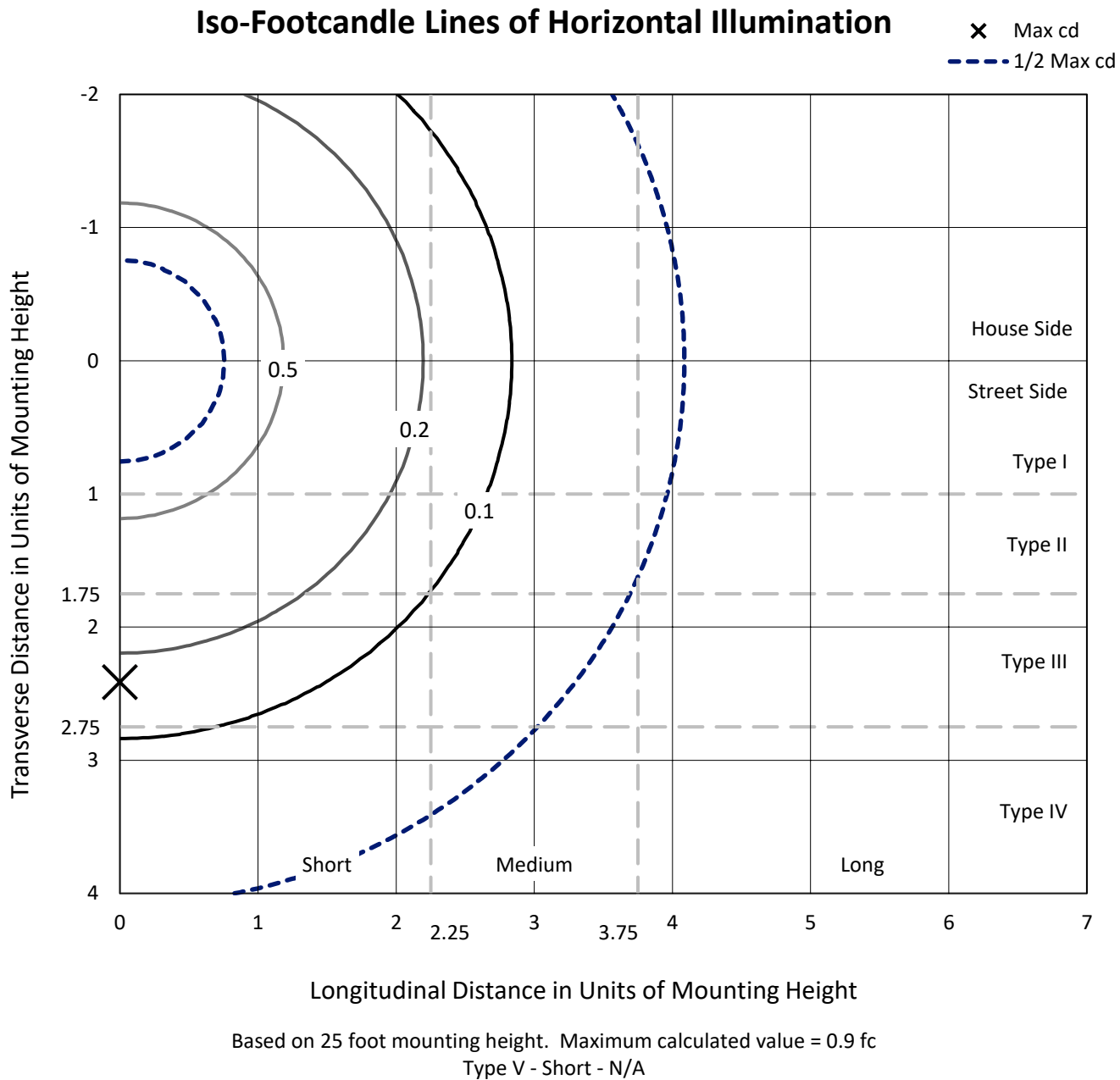
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5968.1 lumens
Efficiency: N/A
Efficacy: 125.1 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 47.7
Input Voltage (V): 120.0
Input Current (Ain): 0.398
Voltage Rise (V): NR
Power Factor: 0.9969
Total Harmonic Distortion (THDi): 6.56%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



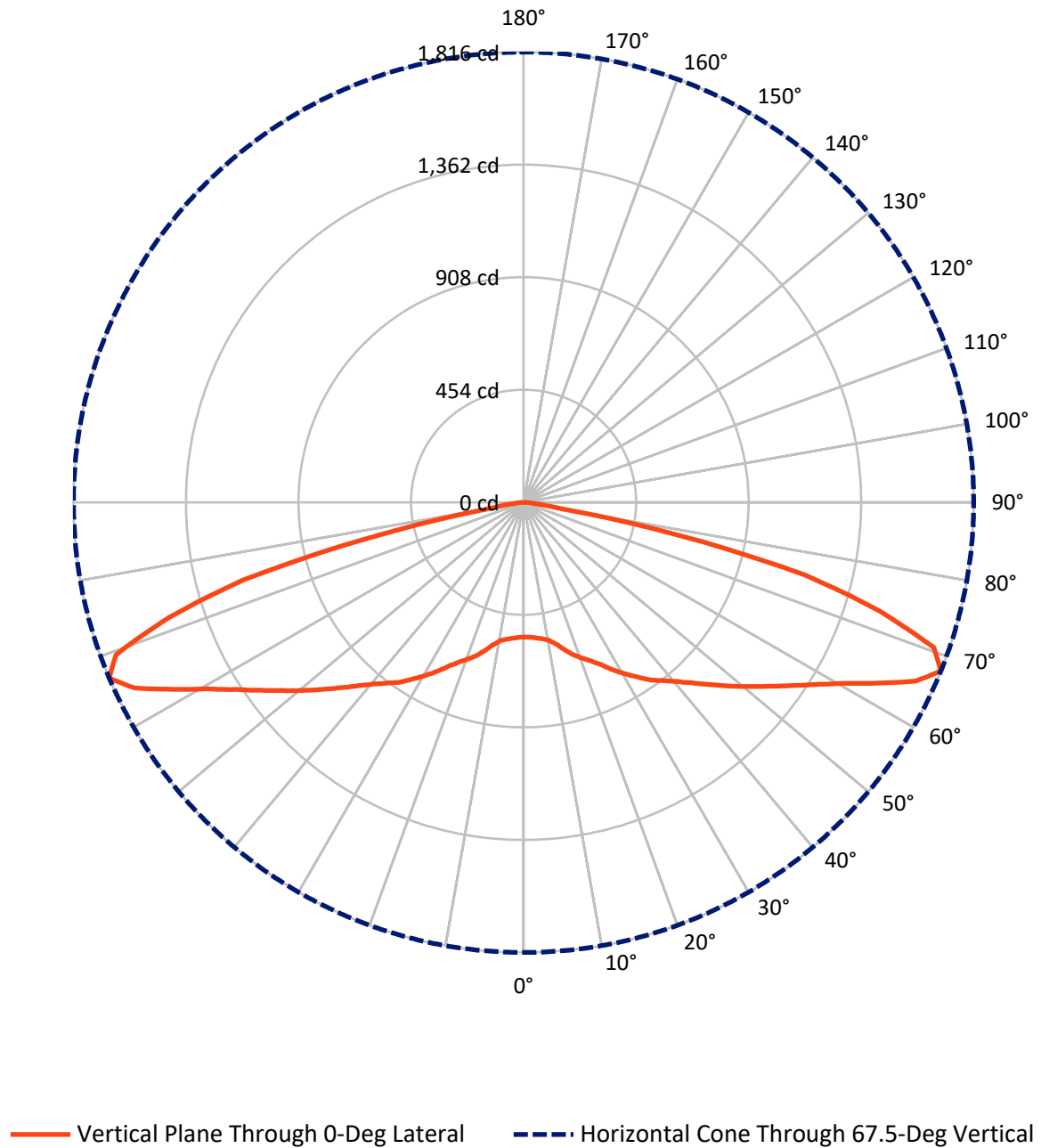
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Luminous Intensity Polar Plot



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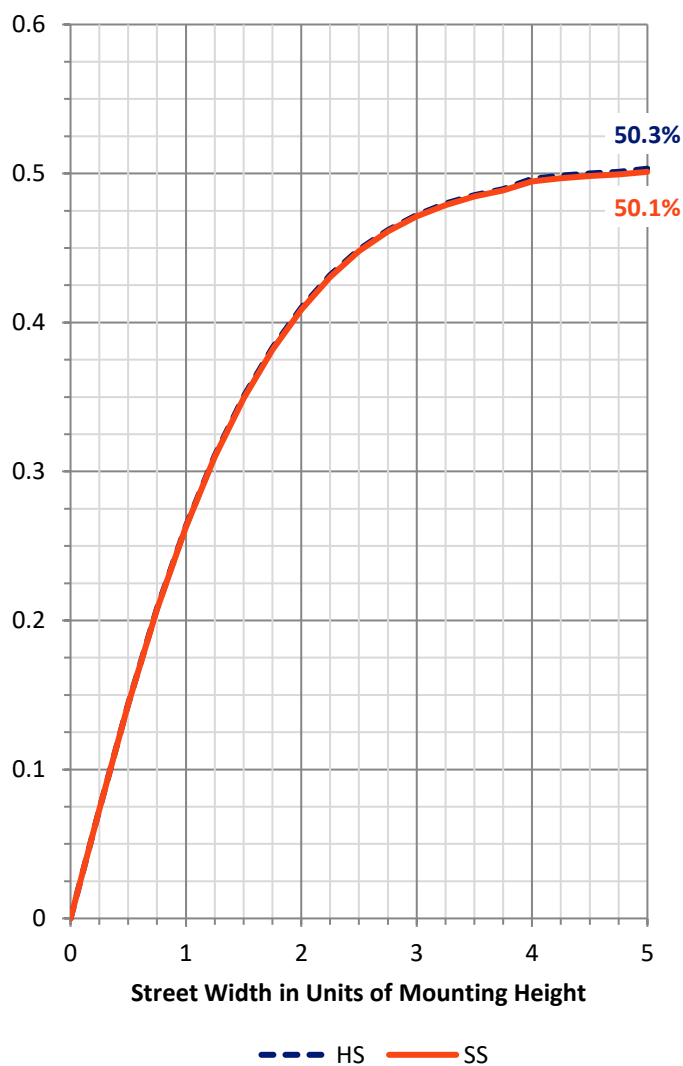
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2984.0	0.0	2984.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2984.0	0.0	2984.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	5968.1	0.0	5968.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	0.9
10°-20°	176.5	3.0
20°-30°	339.8	5.7
30°-40°	552.8	9.3
40°-50°	817.2	13.7
50°-60°	1180.0	19.8
60°-70°	1684.4	28.2
70°-80°	1123.3	18.8
80°-90°	41.1	0.7
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°	5968.1	100.0
0°-180°	5968.1	100.0

Coefficient of Utilization



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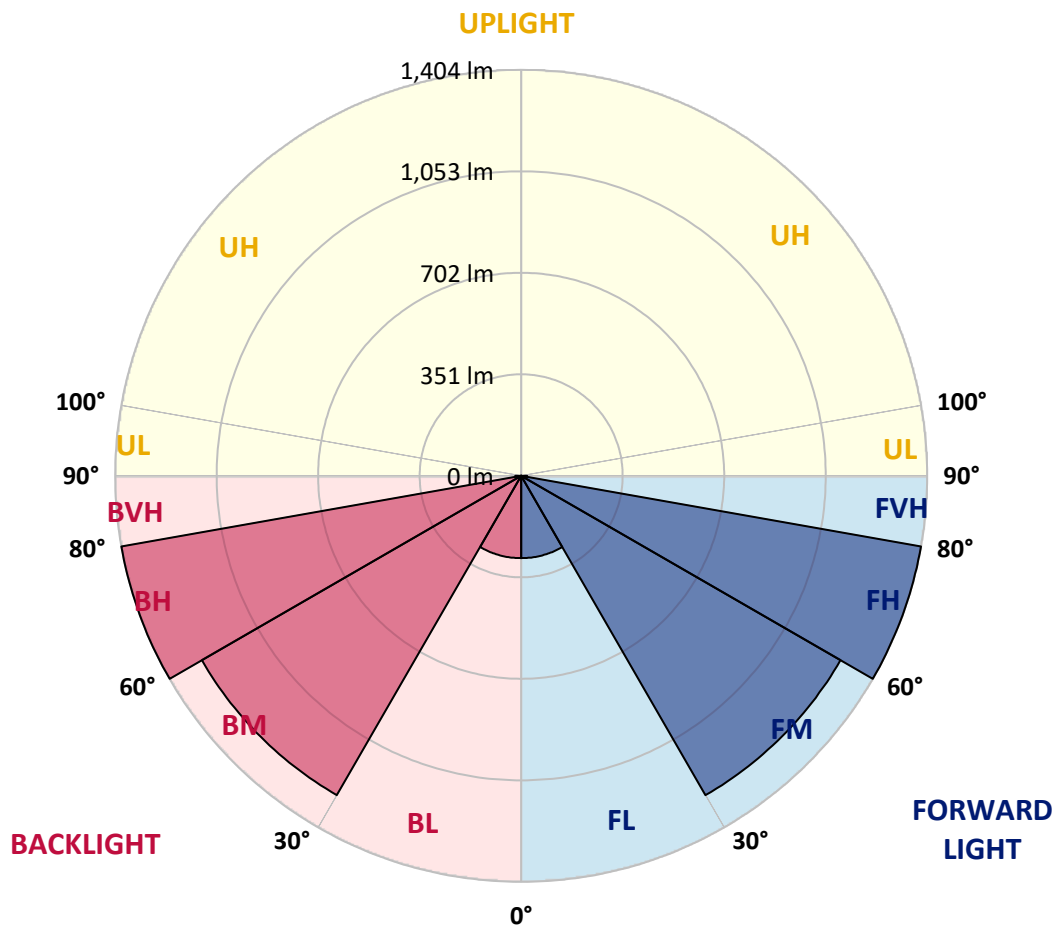
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	284.7	4.8			
FM	(30°-60°)	1275.0	21.4			
FH	(60°-80°)	1403.9	23.5			G1/1800
FVH	(80°-90°)	20.6	0.3			G1/100
BL	(0°-30°)	284.7	4.8	B1/500		
BM	(30°-60°)	1275.0	21.4	B2/2500		
BH	(60°-80°)	1403.9	23.5	B3/2500		G1/1800
BVH	(80°-90°)	20.6	0.3			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°	543.4
2.5°	545.0
5°	549.9
7.5°	556.4
10°	566.1
12.5°	587.3
15°	616.6
17.5°	645.9
20°	670.3
22.5°	694.7
25°	725.6
27.5°	764.6
30°	802.0
32.5°	839.5
35°	880.1
37.5°	912.7
40°	950.1
42.5°	995.6
45°	1047.7
47.5°	1106.3
50°	1168.1
52.5°	1233.2
55°	1304.7
57.5°	1386.1
60°	1482.1
62.5°	1605.7
65°	1739.1
67.5°	1815.6
70°	1755.4
72.5°	1503.2
75°	1173.0
77.5°	641.0
80°	152.9
82.5°	47.2
85°	22.8
87.5°	4.9
90°	0.0

(END OF REPORT)