

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: P853460

Luminaire Tested: **CRTK-N-50-730-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853460
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-50-730-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

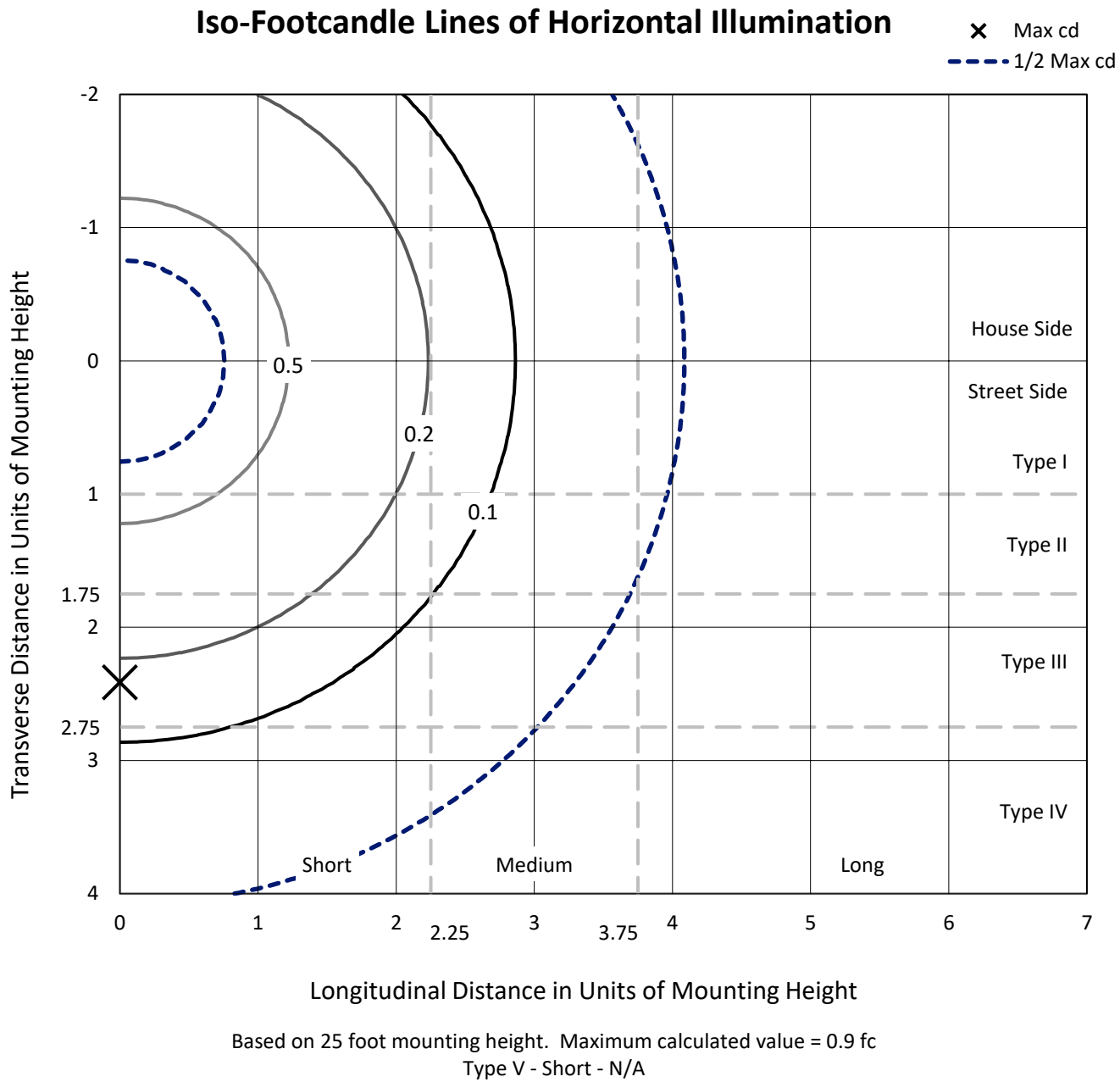
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6185 lumens
Efficiency: N/A
Efficacy: 129.7 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

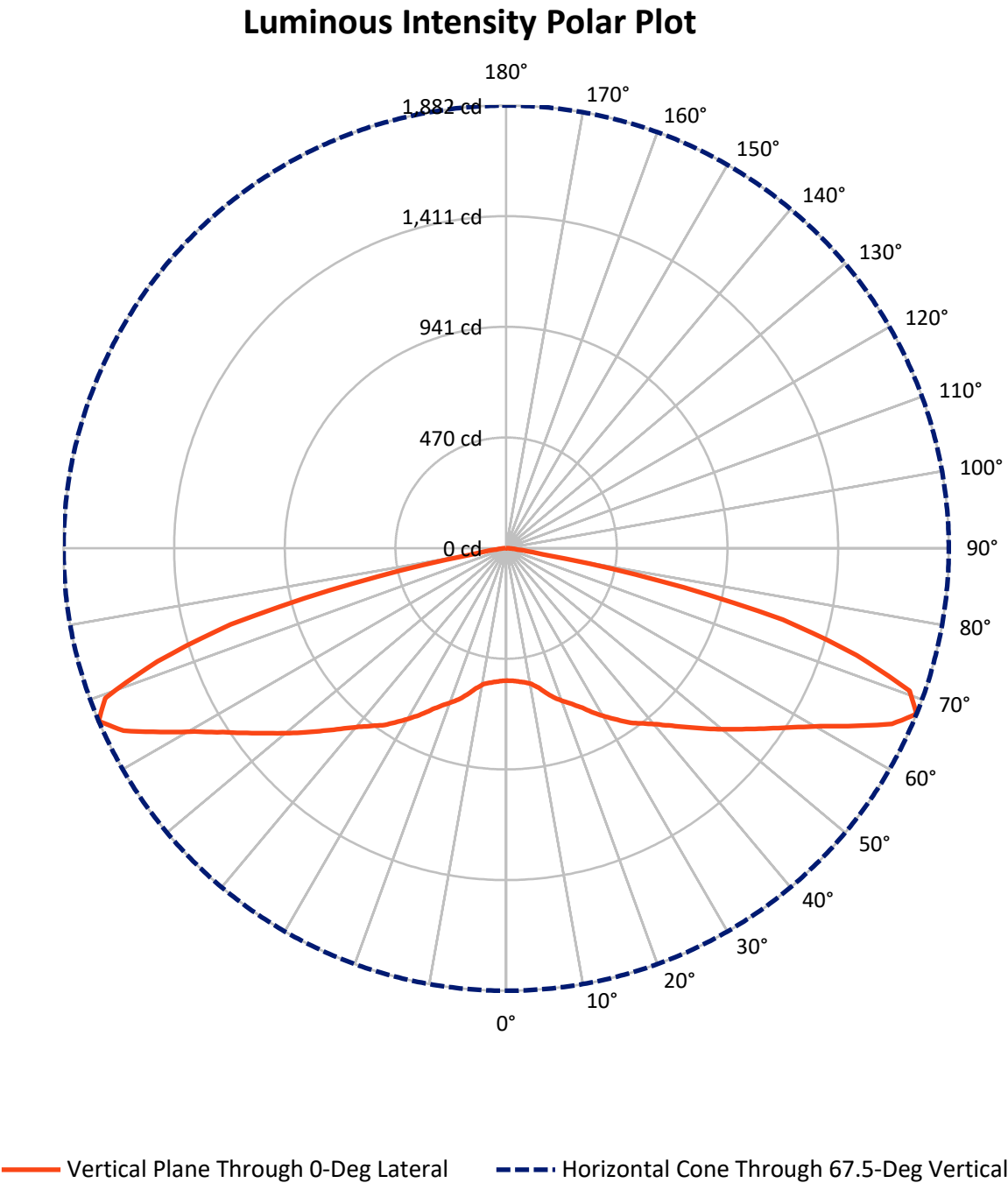
Input Watts (W): 47.7
Input Voltage (V): 120.0
Input Current (Ain): 0.398
Voltage Rise (V): NR
Power Factor: 0.9969
Total Harmonic Distortion (THDi): 6.56%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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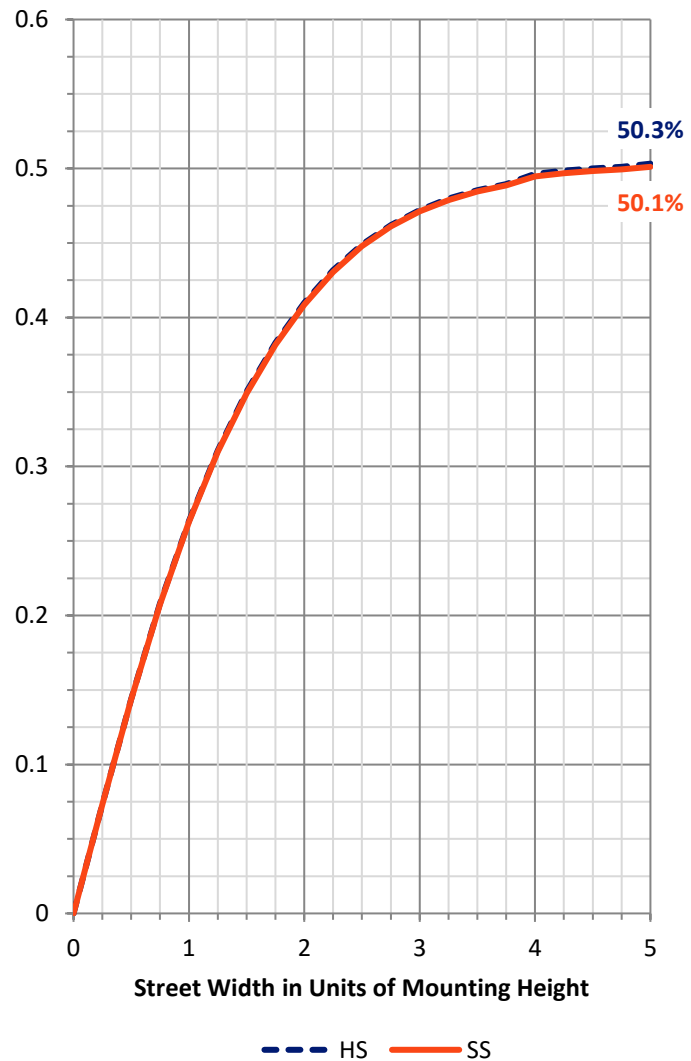
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3092.5	0.0	3092.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3092.5	0.0	3092.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	6185.0	0.0	6185.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.9	0.9
10°-20°	182.9	3.0
20°-30°	352.2	5.7
30°-40°	572.9	9.3
40°-50°	846.9	13.7
50°-60°	1222.9	19.8
60°-70°	1745.6	28.2
70°-80°	1164.2	18.8
80°-90°	42.6	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°	6185.0	100.0
0°-180°	6185.0	100.0

Coefficient of Utilization



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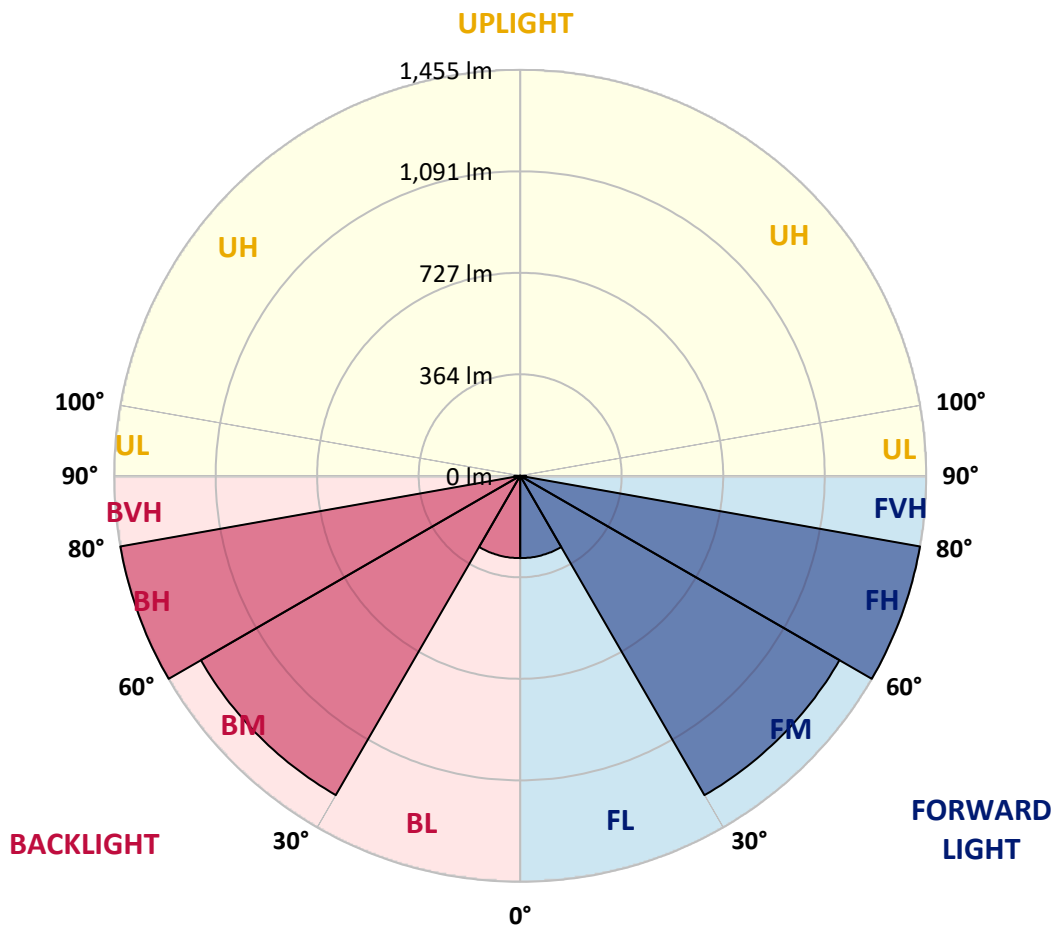
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	295.0	4.8			
FM	(30°-60°)	1321.3	21.4			
FH	(60°-80°)	1454.9	23.5			G1/1800
FVH	(80°-90°)	21.3	0.3			G1/100
BL	(0°-30°)	295.0	4.8	B1/500		
BM	(30°-60°)	1321.3	21.4	B2/2500		
BH	(60°-80°)	1454.9	23.5	B3/2500		G1/1800
BVH	(80°-90°)	21.3	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°	563.1
2.5°	564.8
5°	569.9
7.5°	576.6
10°	586.7
12.5°	608.6
15°	639.0
17.5°	669.3
20°	694.6
22.5°	719.9
25°	752.0
27.5°	792.4
30°	831.2
32.5°	870.0
35°	912.1
37.5°	945.8
40°	984.6
42.5°	1031.8
45°	1085.8
47.5°	1146.5
50°	1210.5
52.5°	1278.0
55°	1352.2
57.5°	1436.5
60°	1535.9
62.5°	1664.1
65°	1802.3
67.5°	1881.6
70°	1819.2
72.5°	1557.9
75°	1215.6
77.5°	664.3
80°	158.5
82.5°	48.9
85°	23.6
87.5°	5.1
90°	0.0

(END OF REPORT)