

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: P853343

Luminaire Tested: **CRTK-N-30-727-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853343
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-30-727-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

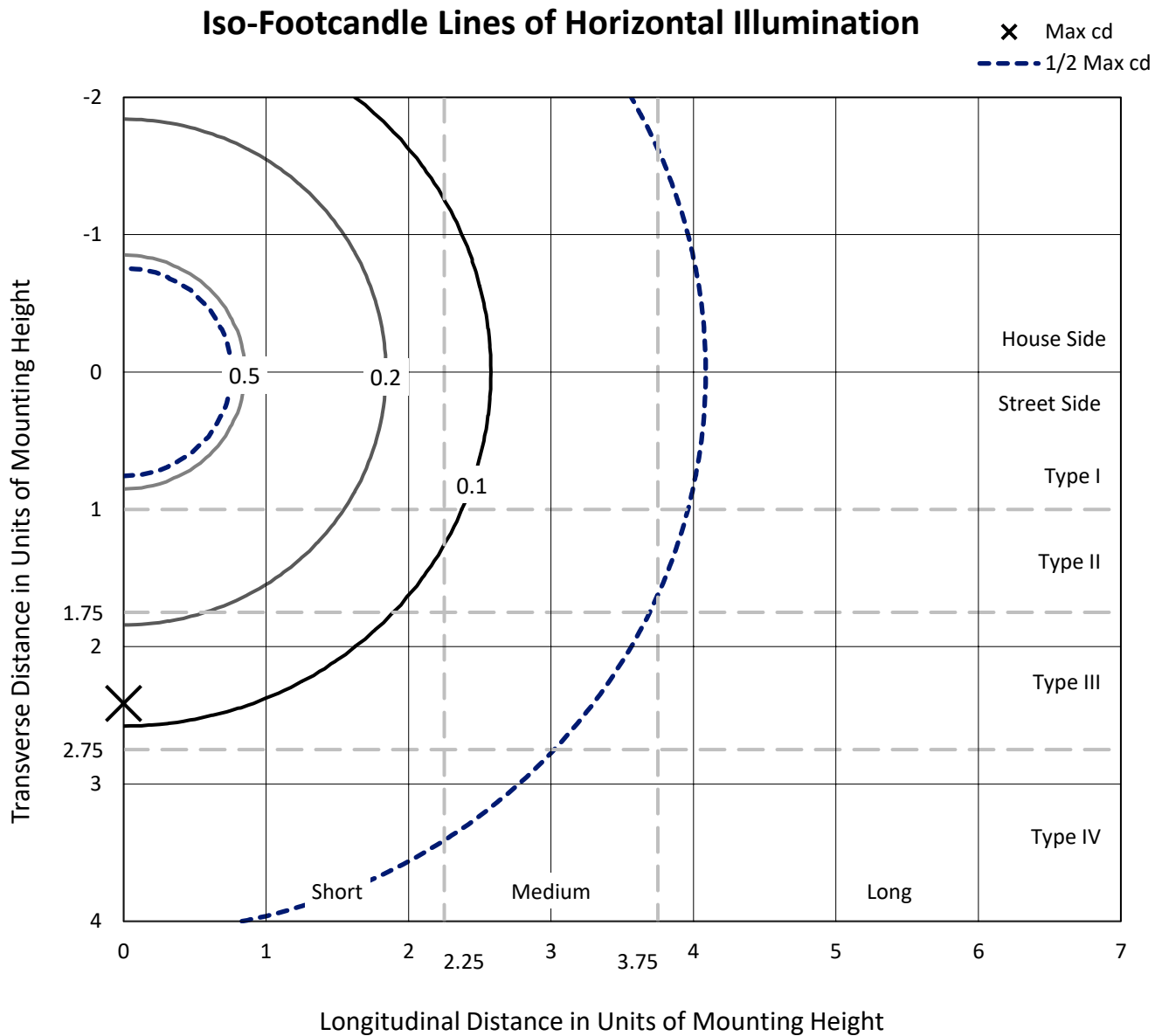
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4410 lumens
Efficiency: N/A
Efficacy: 136.5 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): 32.3
Input Voltage (V): 120.0
Input Current (A_{in}): 0.271
Voltage Rise (V): NR
Power Factor: 0.993
Total Harmonic Distortion (THDi): 10.1%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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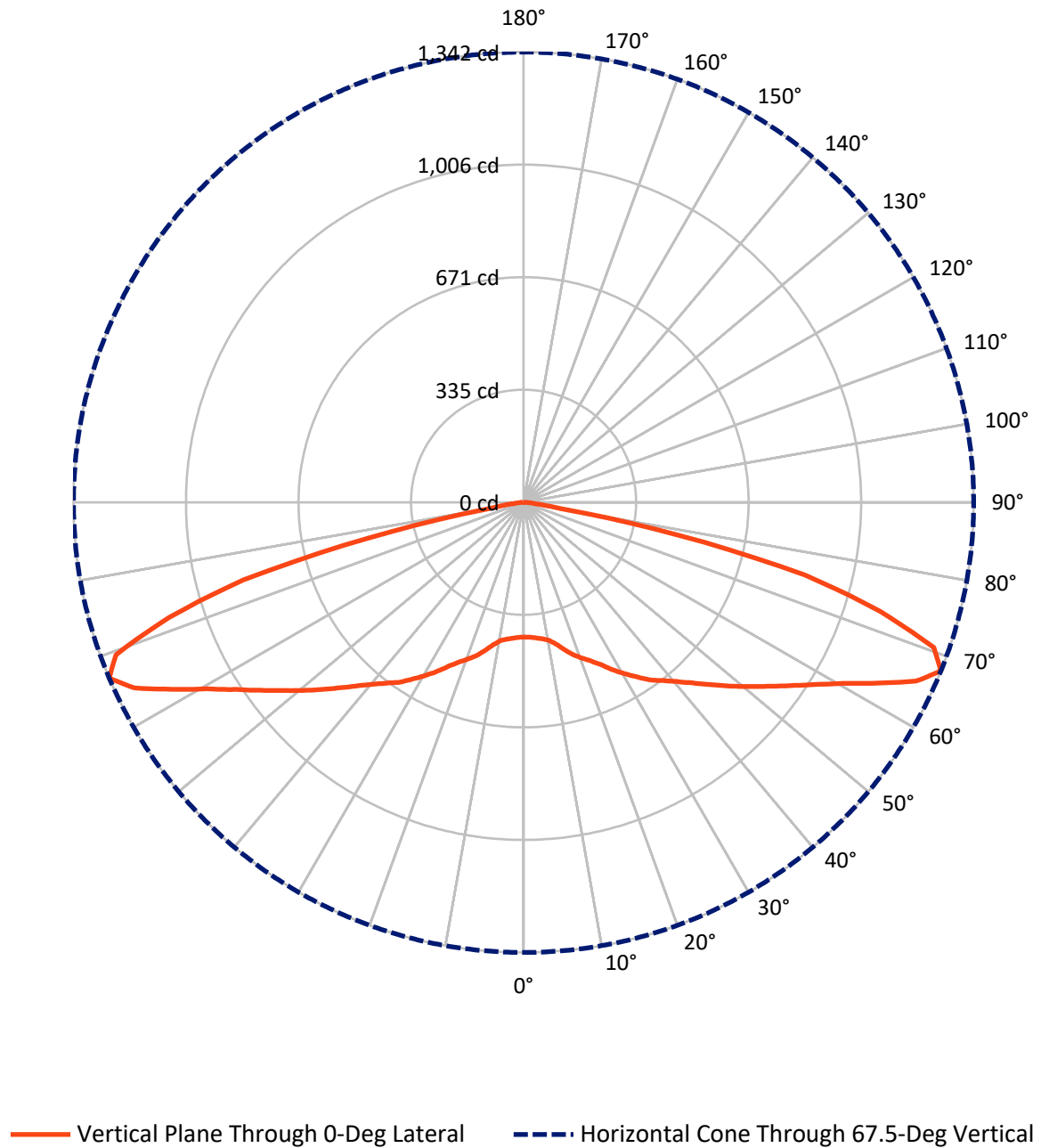


Based on 25 foot mounting height. Maximum calculated value = 0.7 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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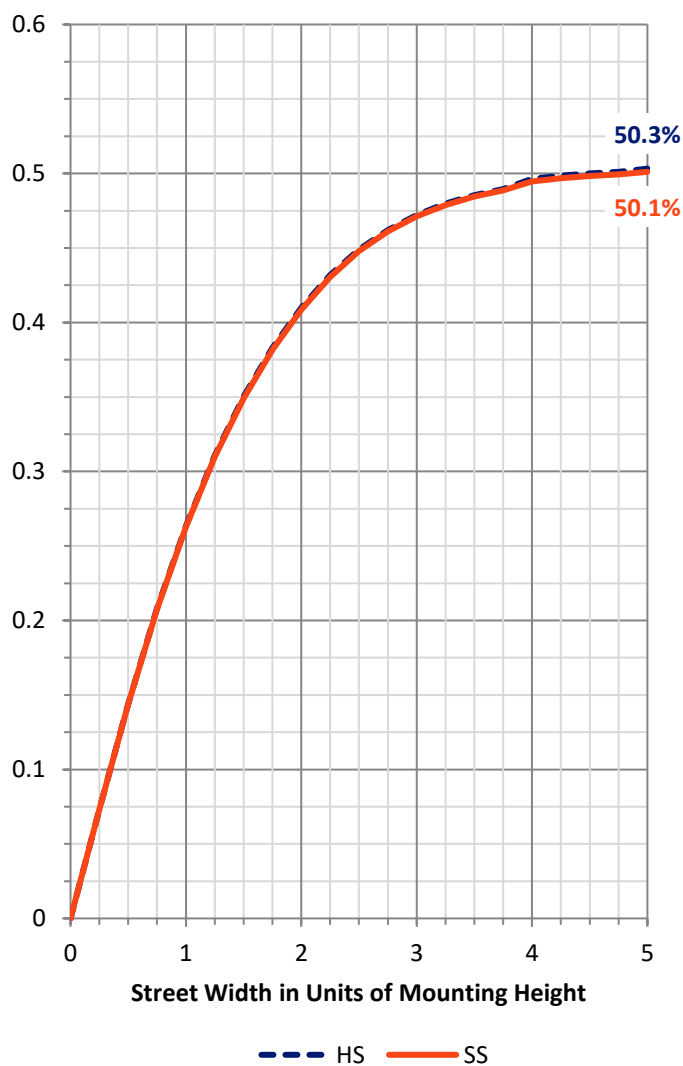
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2205.0	0.0	2205.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2205.0	0.0	2205.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4410.0	0.0	4410.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	0.9
10°-20°	130.4	3.0
20°-30°	251.1	5.7
30°-40°	408.5	9.3
40°-50°	603.8	13.7
50°-60°	871.9	19.8
60°-70°	1244.7	28.2
70°-80°	830.1	18.8
80°-90°	30.4	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°	4410.0	100.0
0°-180°	4410.0	100.0

Coefficient of Utilization



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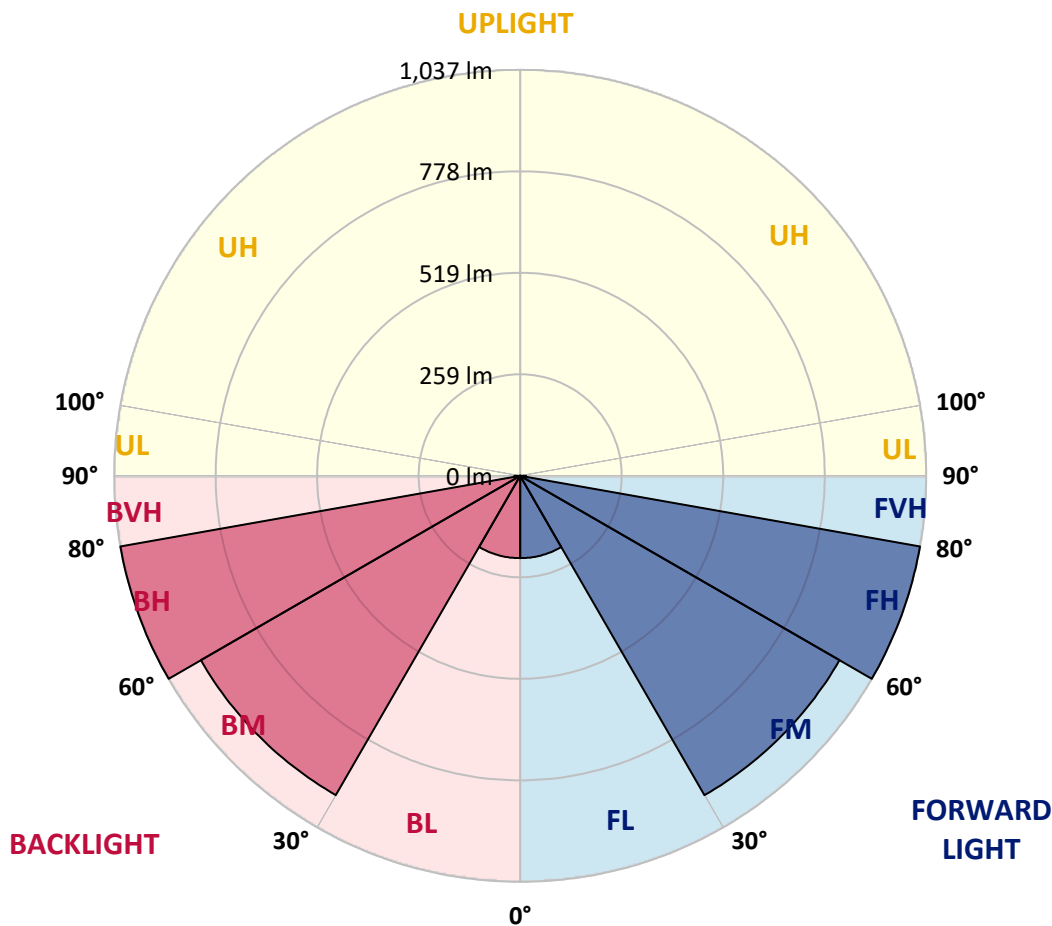
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	210.3	4.8			
FM	(30°-60°)	942.1	21.4			
FH	(60°-80°)	1037.4	23.5			G1/1800
FVH	(80°-90°)	15.2	0.3			G1/100
BL	(0°-30°)	210.3	4.8	B1/500		
BM	(30°-60°)	942.1	21.4	B1/1000		
BH	(60°-80°)	1037.4	23.5	B3/2500		G1/1800
BVH	(80°-90°)	15.2	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°	401.5
2.5°	402.7
5°	406.3
7.5°	411.1
10°	418.3
12.5°	434.0
15°	455.6
17.5°	477.3
20°	495.3
22.5°	513.3
25°	536.2
27.5°	565.0
30°	592.7
32.5°	620.3
35°	650.4
37.5°	674.4
40°	702.1
42.5°	735.7
45°	774.2
47.5°	817.5
50°	863.1
52.5°	911.2
55°	964.1
57.5°	1024.2
60°	1095.2
62.5°	1186.5
65°	1285.1
67.5°	1341.6
70°	1297.1
72.5°	1110.8
75°	866.7
77.5°	473.6
80°	113.0
82.5°	34.9
85°	16.8
87.5°	3.6
90°	0.0

(END OF REPORT)