

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: P853414

Luminaire Tested: **CRTK-N-40-740-U-T5R-RMARROA5**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853414
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-17)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-40-740-U-T5R-RMARROA5
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5041 lumens
Efficiency: N/A
Efficacy: 119.7 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.83' x H: 0.54')
IES Classification: Type V - Short
BUG Rating: B2 - U4 - G2

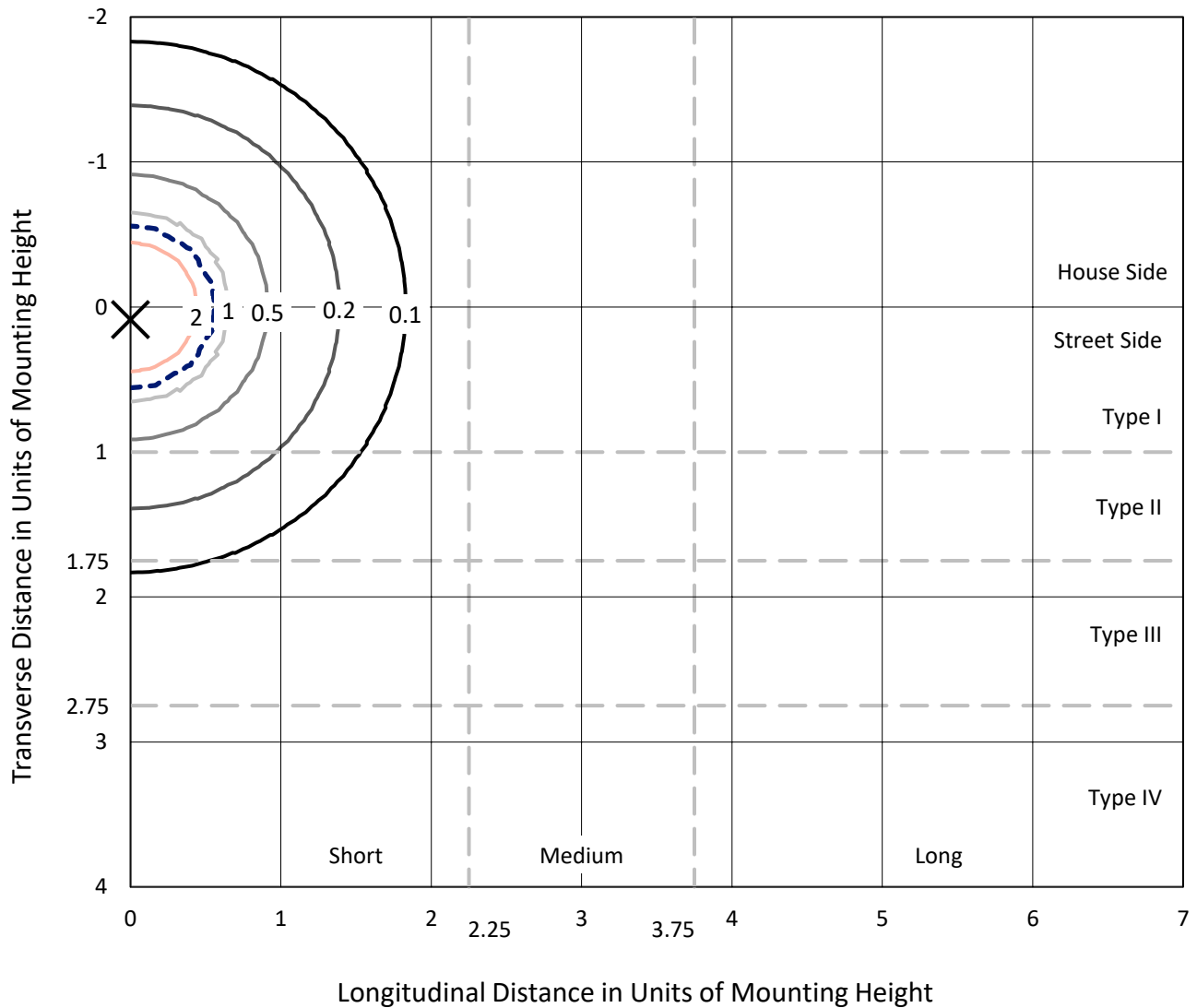
Input Watts (W): 42.1
Input Voltage (V): 120.0
Input Current (Ain): 0.352
Voltage Rise (V): NR
Power Factor: 0.996
Total Harmonic Distortion (THDi): 7.54%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

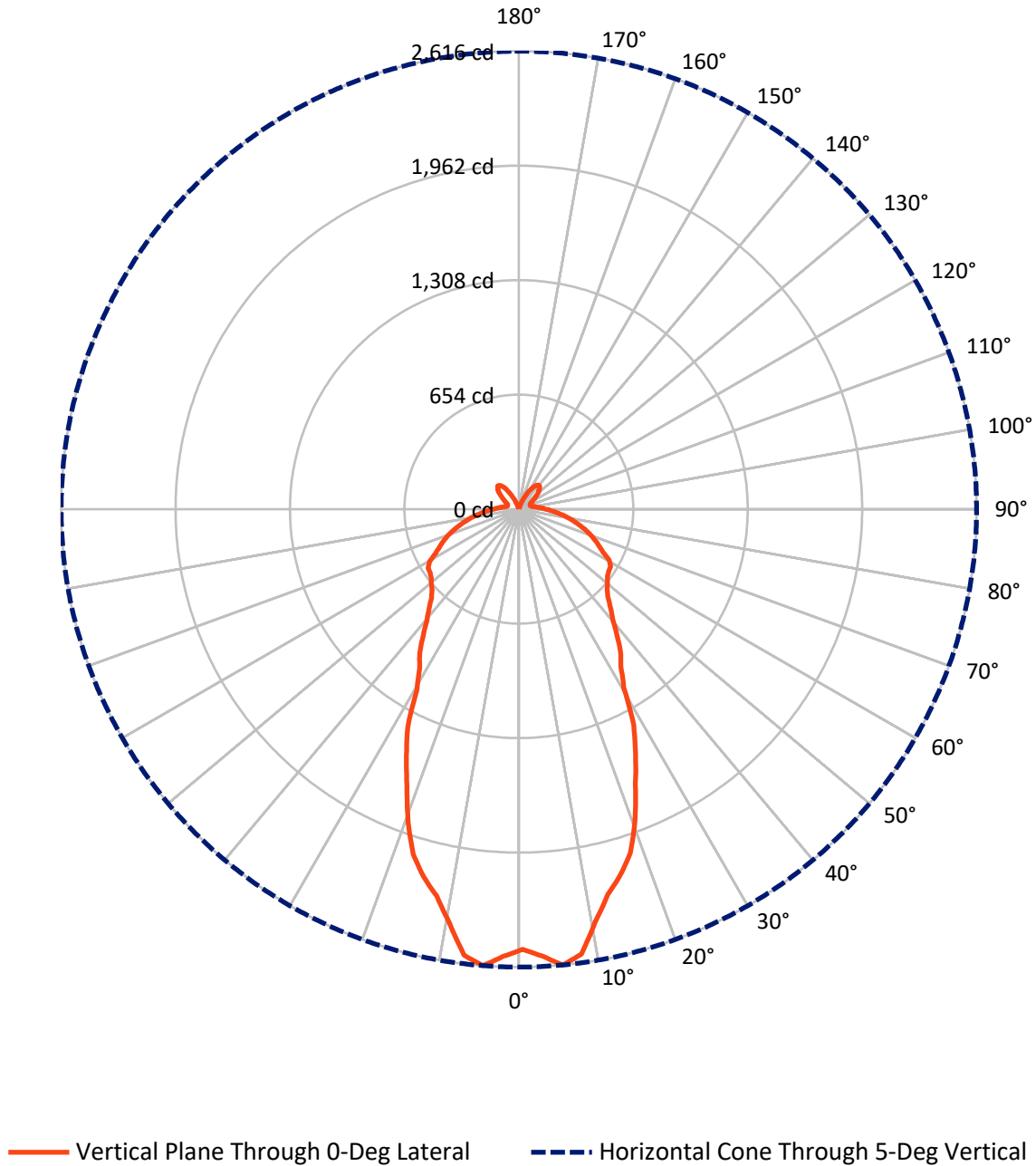
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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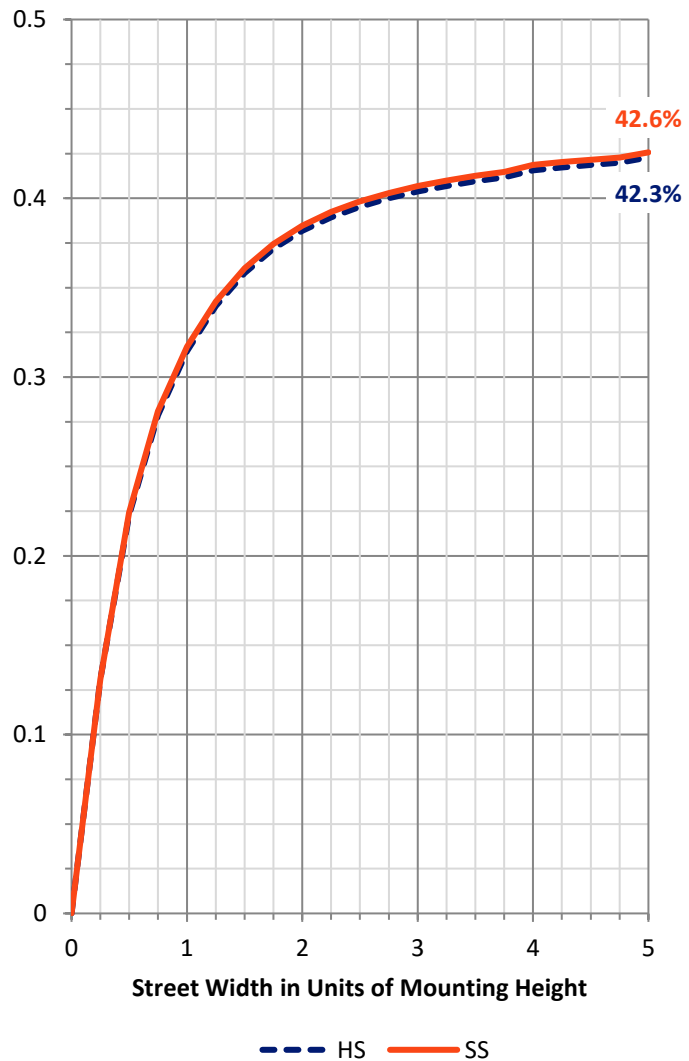
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2201.1	319.3	2520.5
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	2201.1	319.3	2520.5
	% Fixture	43.7	6.3	50.0
Total	Lumens	4402.3	638.7	5041.0
	% Fixture	87.3	12.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.4	4.8
10°-20°	605.7	12.0
20°-30°	707.3	14.0
30°-40°	621.5	12.3
40°-50°	559.6	11.1
50°-60°	560.6	11.1
60°-70°	501.0	9.9
70°-80°	375.0	7.4
80°-90°	229.1	4.5
90°-100°	122.3	2.4
100°-110°	75.9	1.5
110°-120°	75.2	1.5
120°-130°	103.5	2.1
130°-140°	128.8	2.6
140°-150°	97.3	1.9
150°-160°	32.5	0.6
160°-170°	3.3	0.1
170°-180°	0.0	0.0
0°-90°	4402.3	87.3
0°-180°	5041.0	100.0

Coefficient of Utilization



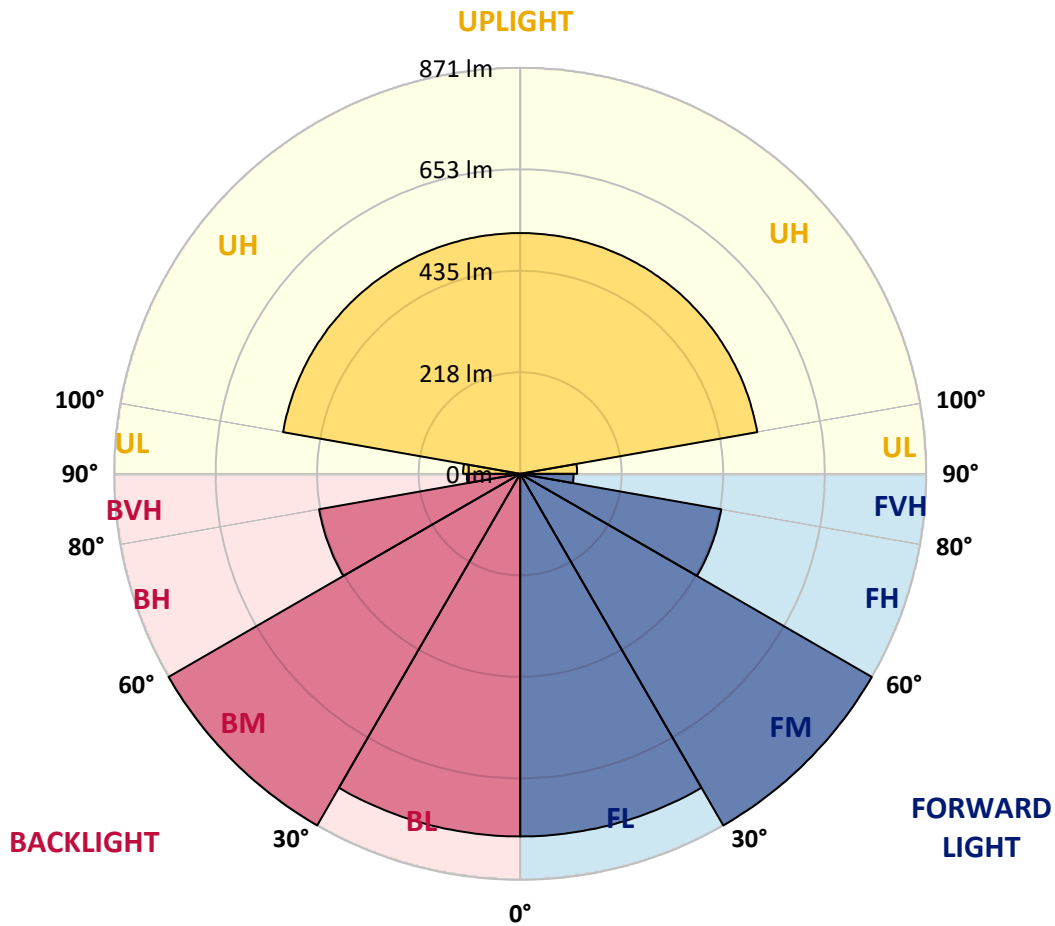
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	777.7	15.4			
FM (30°-60°)	870.9	17.3			
FH (60°-80°)	438.0	8.7			G0/660
FVH (80°-90°)	114.5	2.3			G2/225
BL (0°-30°)	777.7	15.4	B2/1000		
BM (30°-60°)	870.9	17.3	B1/1000		
BH (60°-80°)	438.0	8.7	B1/500		G0/660
BVH (80°-90°)	114.5	2.3			G2/225
UL (90°-100°)	122.3	2.4		U3/500	
UH (100°-180°)	516.3	10.2		U4/1000	

BUG Rating: B2-U4-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2514.4
2.5°	2556.4
5°	2616.2
7.5°	2567.7
10°	2398.1
12.5°	2259.3
15°	2170.4
17.5°	2063.9
20°	1895.9
22.5°	1705.3
25°	1548.7
27.5°	1398.5
30°	1182.1
32.5°	1069.1
35°	1001.2
37.5°	909.2
40°	826.8
42.5°	767.1
45°	712.2
47.5°	678.3
50°	657.3
52.5°	634.7
55°	623.4
57.5°	618.5
60°	592.7
62.5°	539.4
65°	502.2
67.5°	468.3
70°	432.8
72.5°	394.0
75°	353.7
77.5°	316.5
80°	279.4
82.5°	242.2
85°	208.3
87.5°	176.0
90°	148.6
92.5°	127.6
95°	109.8
97.5°	95.3
100°	82.4
102.5°	74.3
105°	69.4
107.5°	67.8
110°	67.8

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	69.4
115°	74.3
117.5°	80.7
120°	90.4
122.5°	101.7
125°	114.7
127.5°	129.2
130°	145.3
132.5°	158.3
135°	169.6
137.5°	177.6
140°	177.6
142.5°	171.2
145°	158.3
147.5°	138.9
150°	114.7
152.5°	88.8
155°	64.6
157.5°	45.2
160°	29.1
162.5°	17.8
165°	8.1
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)