

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: P853369

Luminaire Tested: **CRTK-N-30-750-U-T5R-RMARROA5**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853369
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-30-750-U-T5R-RMARROA5
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4084 lumens
Efficiency: N/A
Efficacy: 126.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.83' x H: 0.54')
IES Classification: Type V - Short
BUG Rating: B2 - U3 - G1

Input Watts (W): 32.3
Input Voltage (V): 120.0
Input Current (Ain): 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

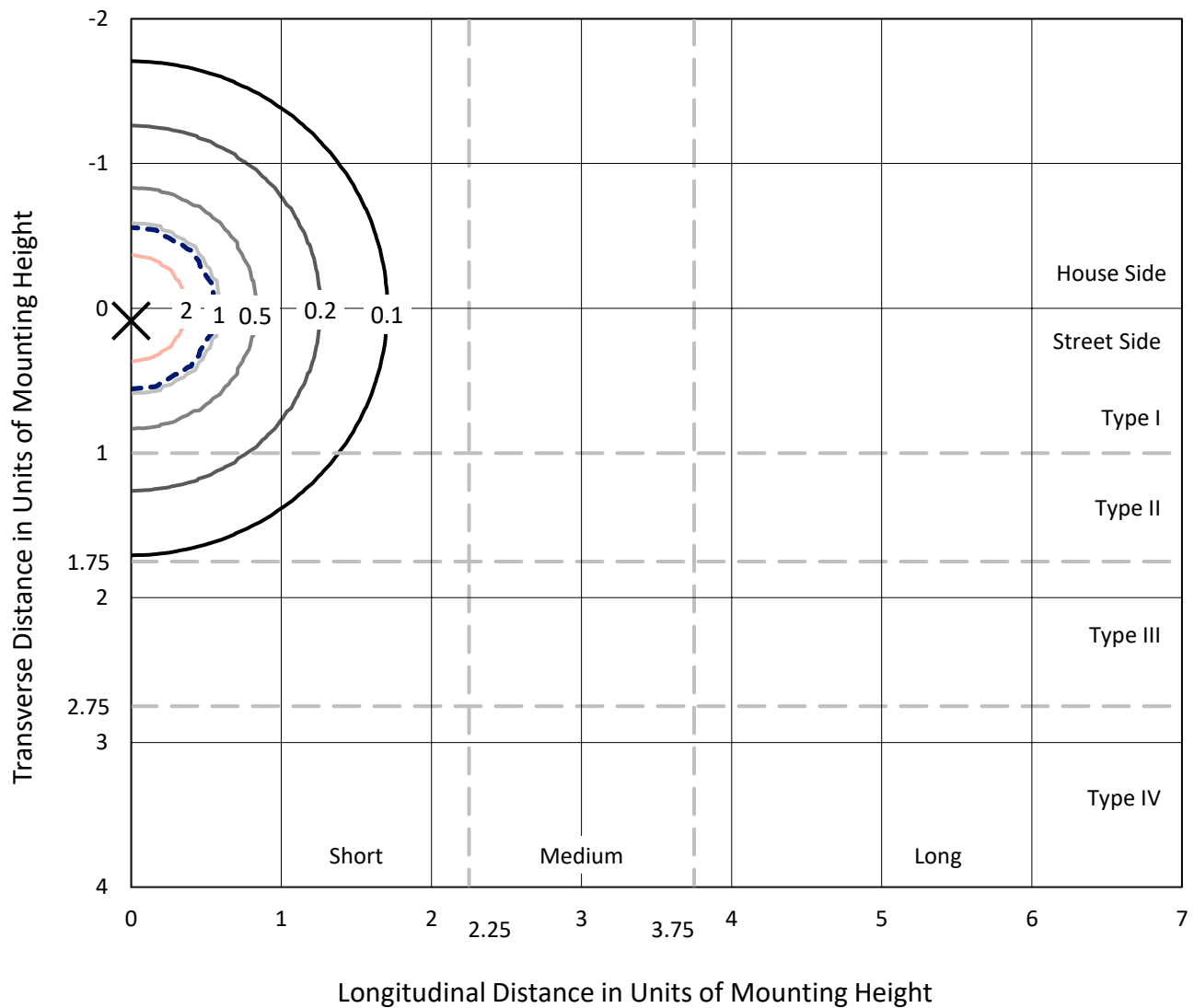


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd

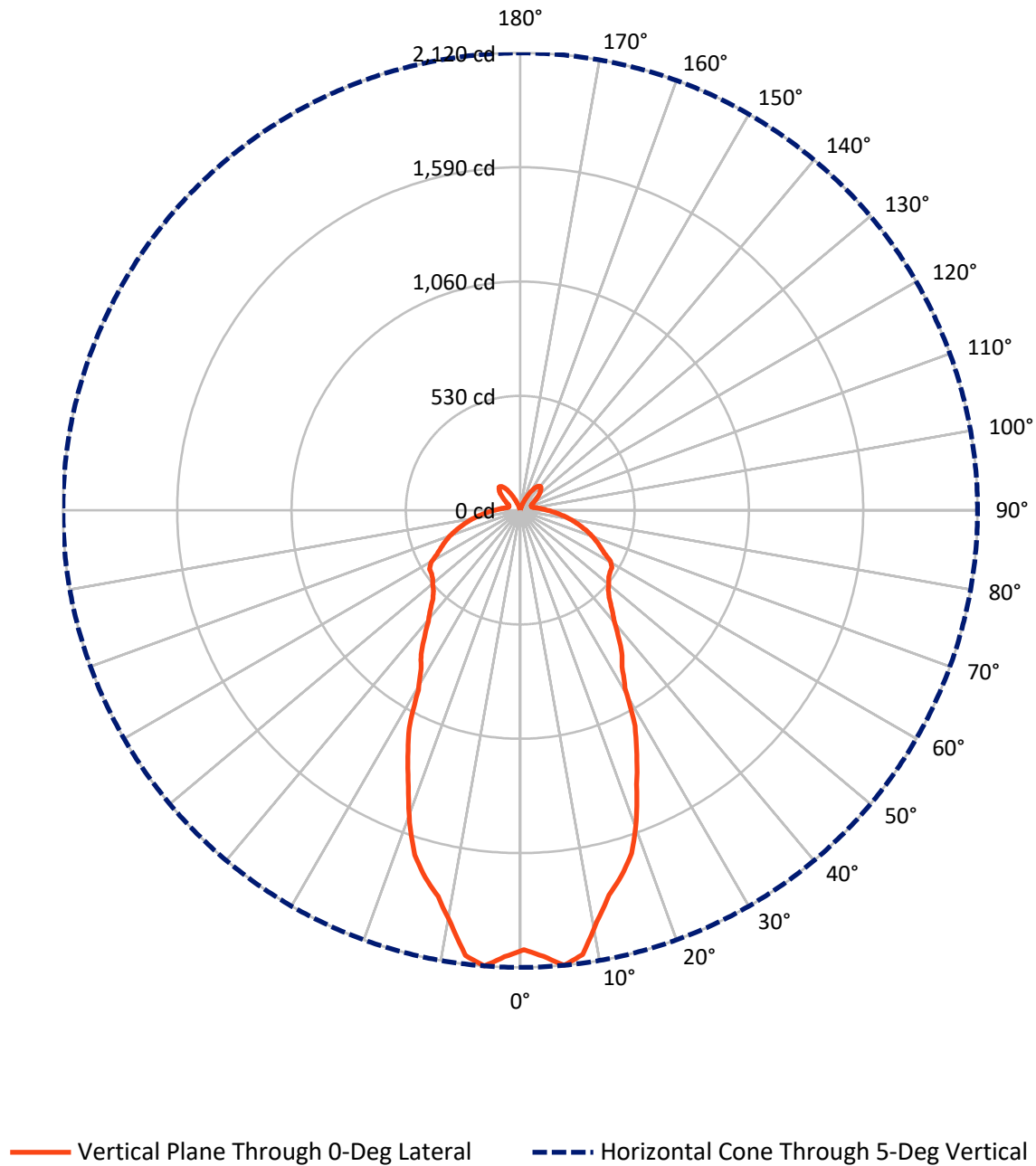


Based on 25 foot mounting height. Maximum calculated value = 3.3 fc
Type V - Short - N/A

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Luminous Intensity Polar Plot



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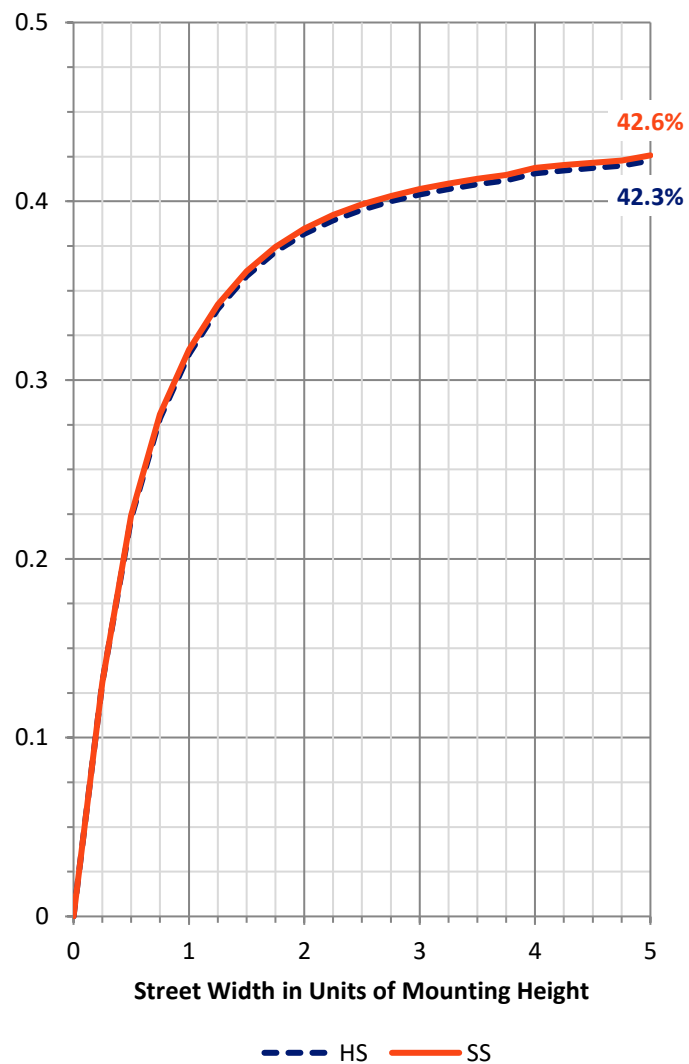
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1783.3	258.7	2042.0
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	1783.3	258.7	2042.0
	% Fixture	43.7	6.3	50.0
Total	Lumens	3566.5	517.5	4084.0
	% Fixture	87.3	12.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.4	4.8
10°-20°	490.7	12.0
20°-30°	573.1	14.0
30°-40°	503.5	12.3
40°-50°	453.3	11.1
50°-60°	454.2	11.1
60°-70°	405.9	9.9
70°-80°	303.8	7.4
80°-90°	185.6	4.5
90°-100°	99.1	2.4
100°-110°	61.5	1.5
110°-120°	60.9	1.5
120°-130°	83.8	2.1
130°-140°	104.3	2.6
140°-150°	78.8	1.9
150°-160°	26.3	0.6
160°-170°	2.7	0.1
170°-180°	0.0	0.0
0°-90°	3566.5	87.3
0°-180°	4084.0	100.0

Coefficient of Utilization



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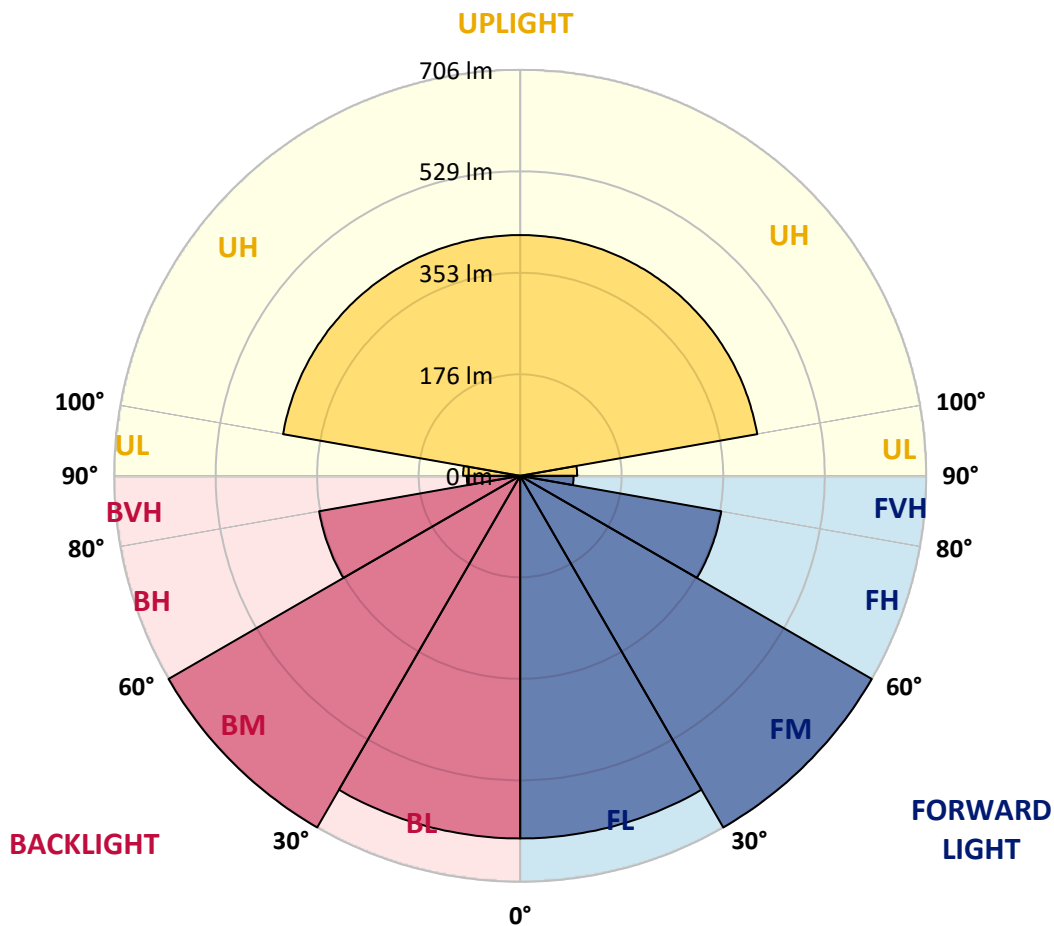
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	630.1	15.4			
FM	(30°-60°)	705.5	17.3			
FH	(60°-80°)	354.8	8.7			G0/660
FVH	(80°-90°)	92.8	2.3			G1/100
BL	(0°-30°)	630.1	15.4	B2/1000		
BM	(30°-60°)	705.5	17.3	B1/1000		
BH	(60°-80°)	354.8	8.7	B1/500		G0/660
BVH	(80°-90°)	92.8	2.3			G1/100
UL	(90°-100°)	99.1	2.4		U3/500	
UH	(100°-180°)	418.3	10.2		U3/500	

BUG Rating: B2-U3-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2037.1
2.5°	2071.1
5°	2119.5
7.5°	2080.2
10°	1942.9
12.5°	1830.4
15°	1758.4
17.5°	1672.0
20°	1536.0
22.5°	1381.6
25°	1254.7
27.5°	1133.0
30°	957.7
32.5°	866.1
35°	811.2
37.5°	736.6
40°	669.9
42.5°	621.5
45°	577.0
47.5°	549.5
50°	532.5
52.5°	514.2
55°	505.0
57.5°	501.1
60°	480.2
62.5°	437.0
65°	406.9
67.5°	379.4
70°	350.6
72.5°	319.2
75°	286.5
77.5°	256.4
80°	226.3
82.5°	196.2
85°	168.8
87.5°	142.6
90°	120.4
92.5°	103.4
95°	89.0
97.5°	77.2
100°	66.7
102.5°	60.2
105°	56.3
107.5°	54.9
110°	54.9

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	56.3
115°	60.2
117.5°	65.4
120°	73.3
122.5°	82.4
125°	92.9
127.5°	104.7
130°	117.7
132.5°	128.2
135°	137.4
137.5°	143.9
140°	143.9
142.5°	138.7
145°	128.2
147.5°	112.5
150°	92.9
152.5°	72.0
155°	52.3
157.5°	36.6
160°	23.5
162.5°	14.4
165°	6.5
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)