

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: P853351

Luminaire Tested: **CRTK-N-30-730-U-T5R-RMARROA5**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853351
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-30-730-U-T5R-RMARROA5
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3889 lumens
Efficiency: N/A
Efficacy: 120.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.83' x H: 0.54')
IES Classification: Type V - Short
BUG Rating: B2 - U3 - G1

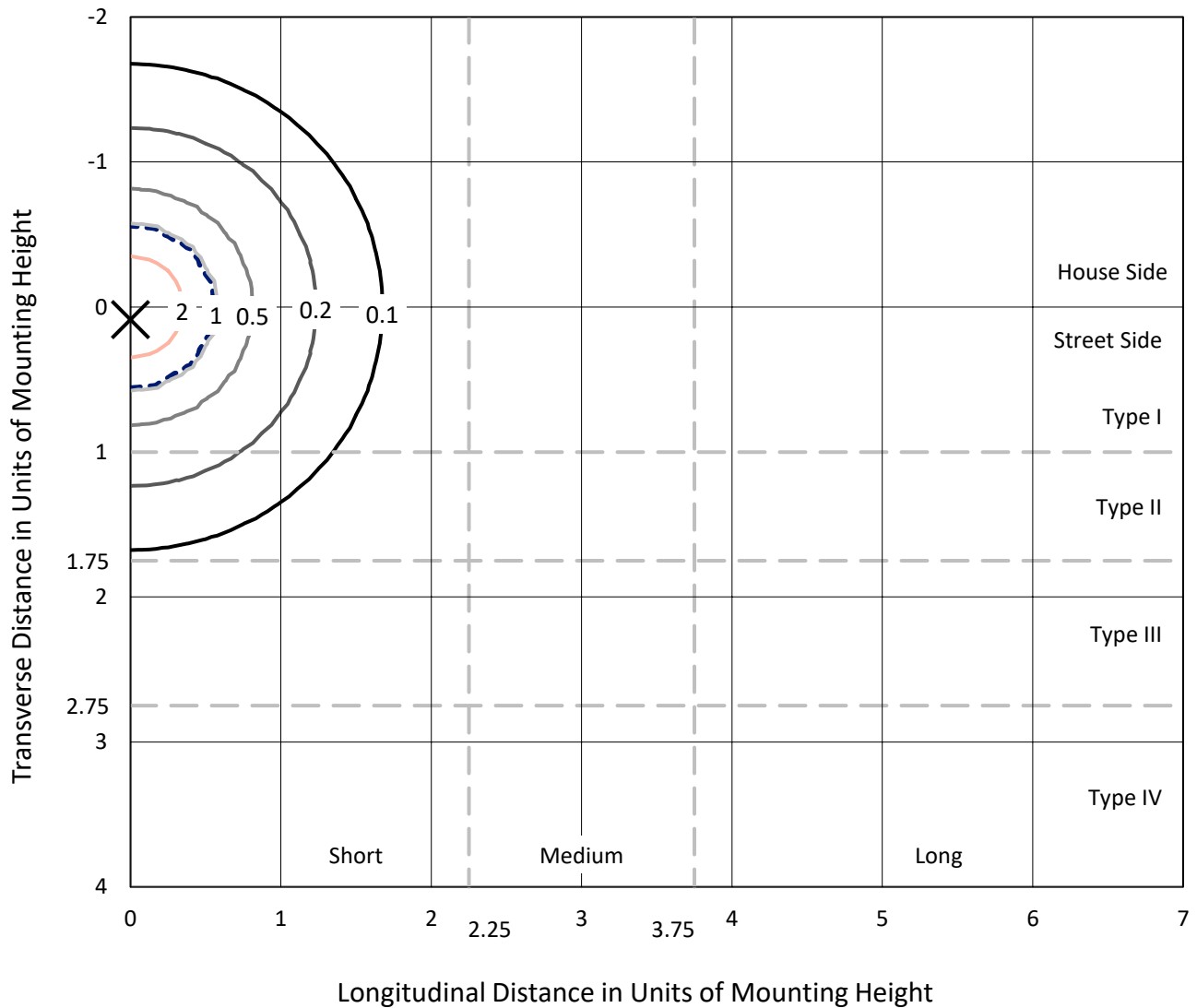
Input Watts (W): 32.3
Input Voltage (V): 120.0
Input Current (Ain): 0.271
Voltage Rise (V): NR
Power Factor: 0.993
Total Harmonic Distortion (THDi): 10.1%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

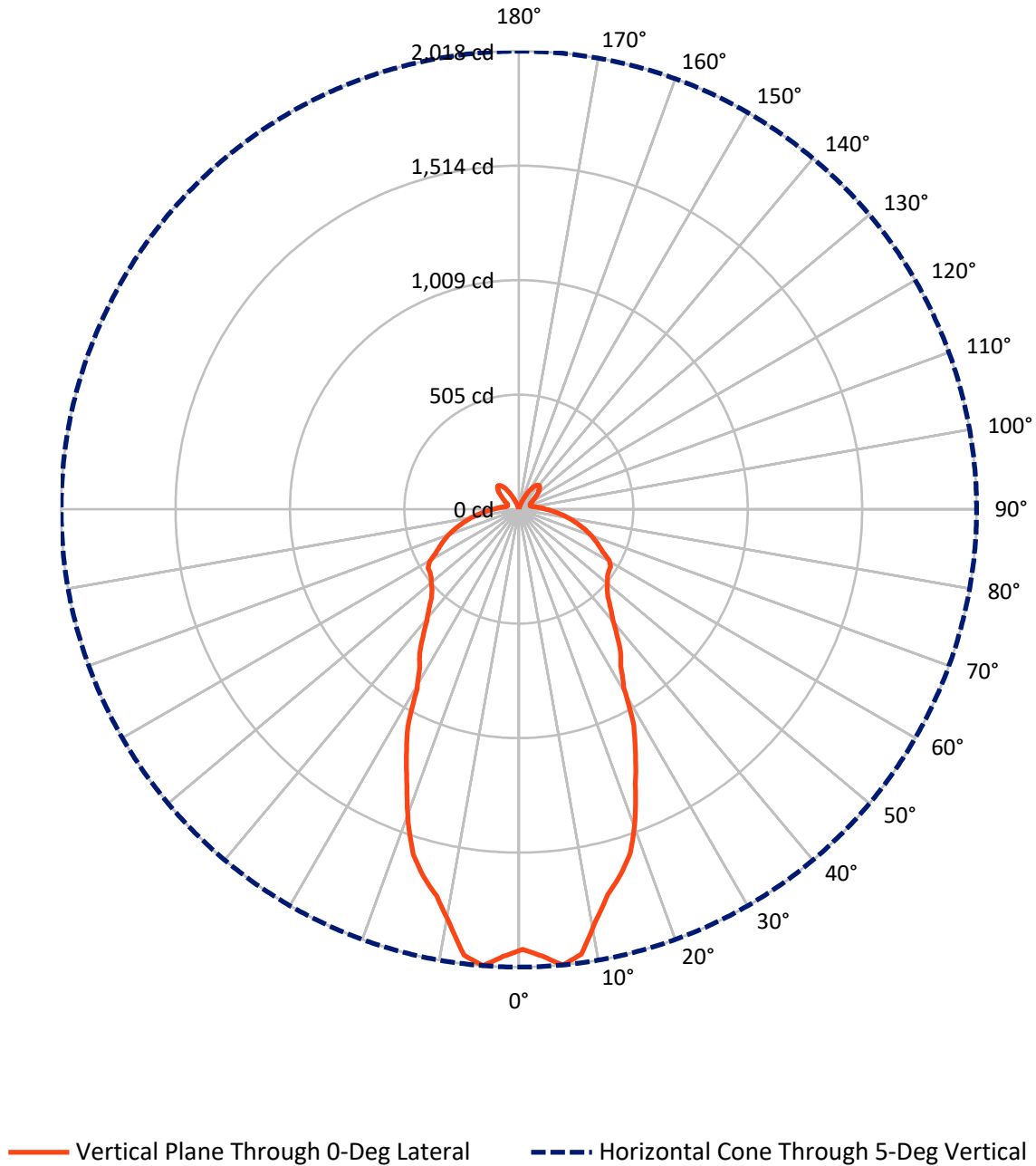
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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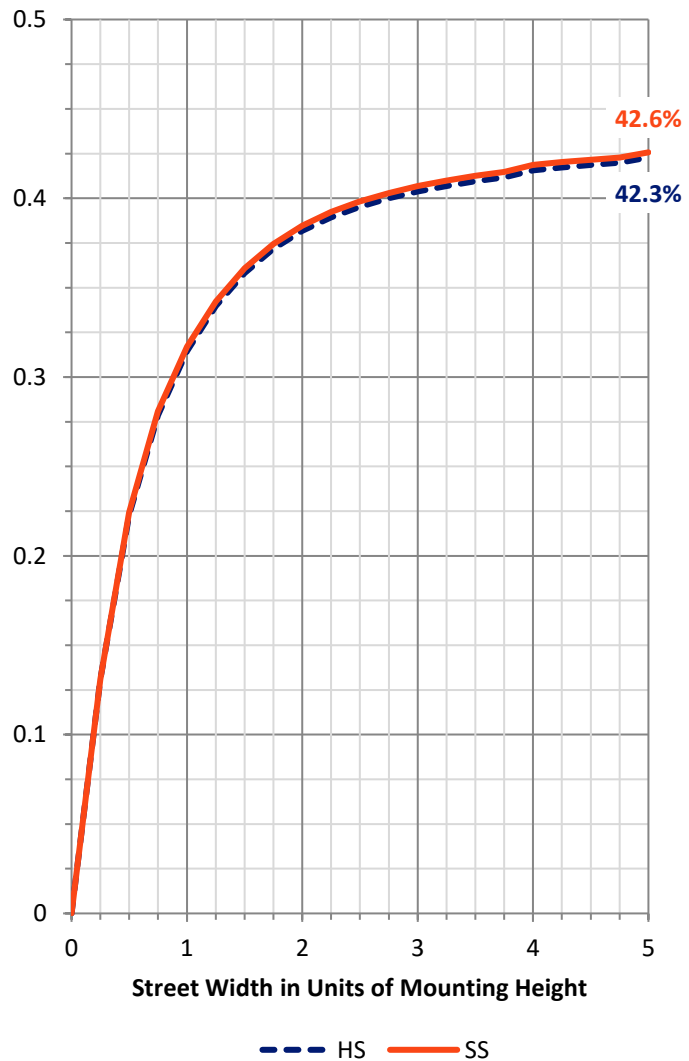
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1698.1	246.4	1944.5
	% Fixture	43.7	6.3	50.0
Street Side	Lumens	1698.1	246.4	1944.5
	% Fixture	43.7	6.3	50.0
Total	Lumens	3396.3	492.7	3889.0
	% Fixture	87.3	12.7	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.0	4.8
10°-20°	467.3	12.0
20°-30°	545.7	14.0
30°-40°	479.5	12.3
40°-50°	431.7	11.1
50°-60°	432.5	11.1
60°-70°	386.5	9.9
70°-80°	289.3	7.4
80°-90°	176.7	4.5
90°-100°	94.3	2.4
100°-110°	58.5	1.5
110°-120°	58.0	1.5
120°-130°	79.9	2.1
130°-140°	99.3	2.6
140°-150°	75.1	1.9
150°-160°	25.0	0.6
160°-170°	2.6	0.1
170°-180°	0.0	0.0
0°-90°	3396.3	87.3
0°-180°	3889.0	100.0

Coefficient of Utilization



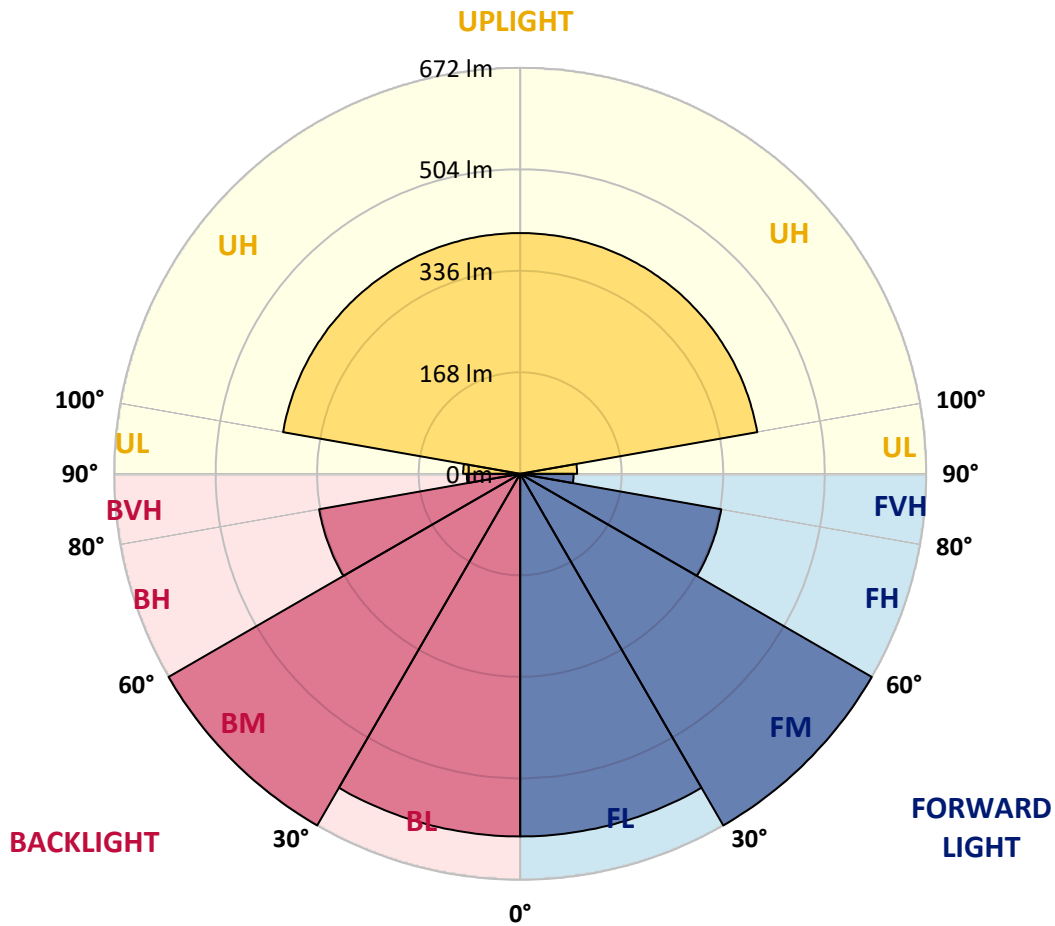
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	600.0	15.4			
FM (30°-60°)	671.8	17.3			
FH (60°-80°)	337.9	8.7			G0/660
FVH (80°-90°)	88.4	2.3			G1/100
BL (0°-30°)	600.0	15.4	B2/1000		
BM (30°-60°)	671.8	17.3	B1/1000		
BH (60°-80°)	337.9	8.7	B1/500		G0/660
BVH (80°-90°)	88.4	2.3			G1/100
UL (90°-100°)	94.3	2.4		U3/500	
UH (100°-180°)	398.4	10.2		U3/500	

BUG Rating: B2-U3-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1939.8
2.5°	1972.2
5°	2018.3
7.5°	1980.9
10°	1850.1
12.5°	1743.0
15°	1674.4
17.5°	1592.2
20°	1462.6
22.5°	1315.6
25°	1194.8
27.5°	1078.9
30°	912.0
32.5°	824.8
35°	772.4
37.5°	701.4
40°	637.9
42.5°	591.8
45°	549.4
47.5°	523.3
50°	507.1
52.5°	489.6
55°	480.9
57.5°	477.2
60°	457.2
62.5°	416.1
65°	387.5
67.5°	361.3
70°	333.9
72.5°	304.0
75°	272.8
77.5°	244.2
80°	215.5
82.5°	186.9
85°	160.7
87.5°	135.8
90°	114.6
92.5°	98.4
95°	84.7
97.5°	73.5
100°	63.5
102.5°	57.3
105°	53.6
107.5°	52.3
110°	52.3

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CANDELA DISTRIBUTION (continued):

	0°
112.5°	53.6
115°	57.3
117.5°	62.3
120°	69.8
122.5°	78.5
125°	88.5
127.5°	99.7
130°	112.1
132.5°	122.1
135°	130.8
137.5°	137.0
140°	137.0
142.5°	132.1
145°	122.1
147.5°	107.1
150°	88.5
152.5°	68.5
155°	49.8
157.5°	34.9
160°	22.4
162.5°	13.7
165°	6.2
167.5°	0.0
170°	0.0
172.5°	0.0
175°	0.0
177.5°	0.0
180°	0.0

(END OF REPORT)