

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: P853298

Luminaire Tested: **CRTK-N-20-730-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853298
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-20-730-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

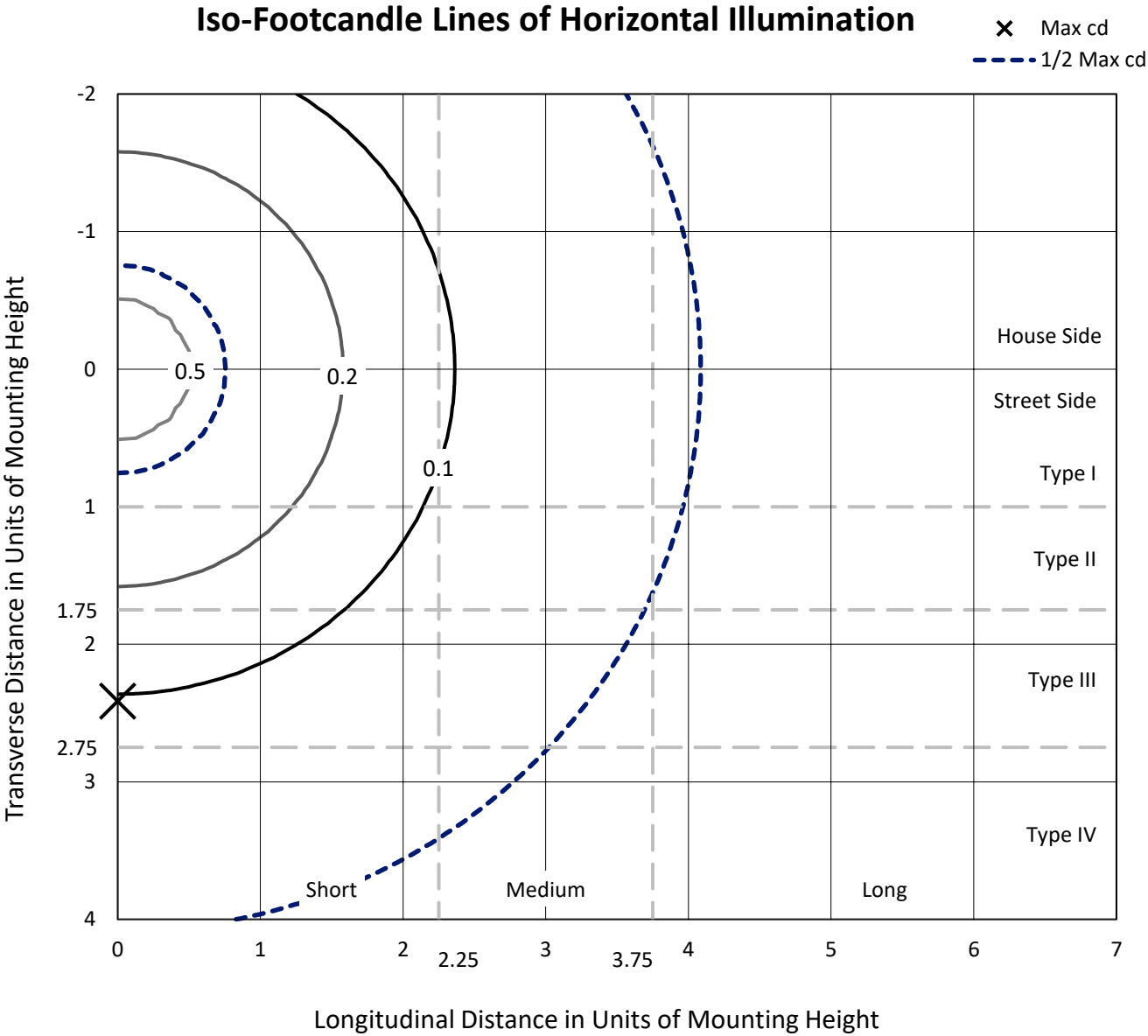
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3493 lumens
Efficiency: N/A
Efficacy: 150.6 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 23.2
Input Voltage (V): 120.0
Input Current (Ain): 0.196
Voltage Rise (V): NR
Power Factor: 0.9875
Total Harmonic Distortion (THDi): 10%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

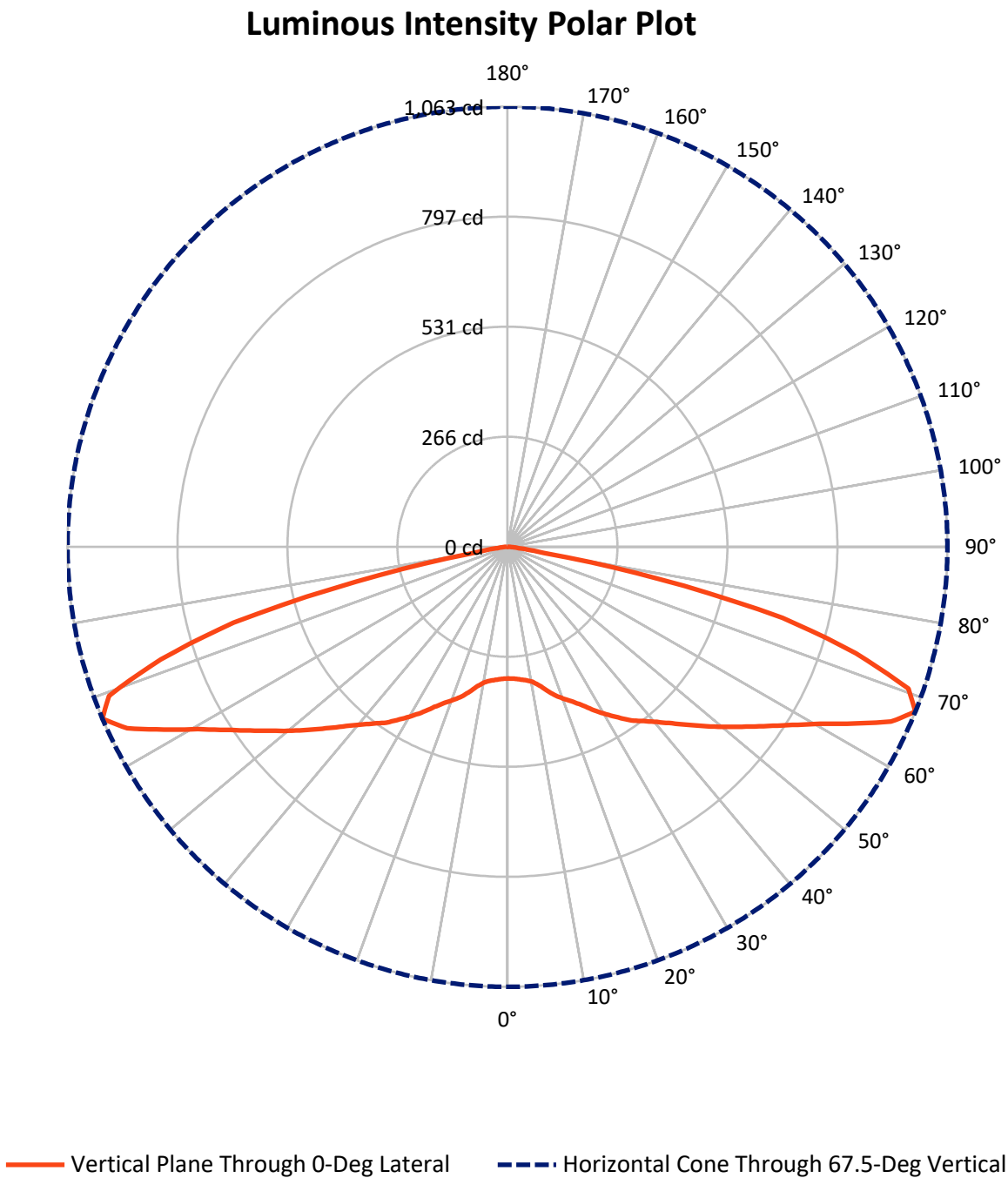


REPORT NUMBER: P853298
CATALOG NUMBER: CRTK-N-20-730-U-T5R



Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
Type V - Short - N/A

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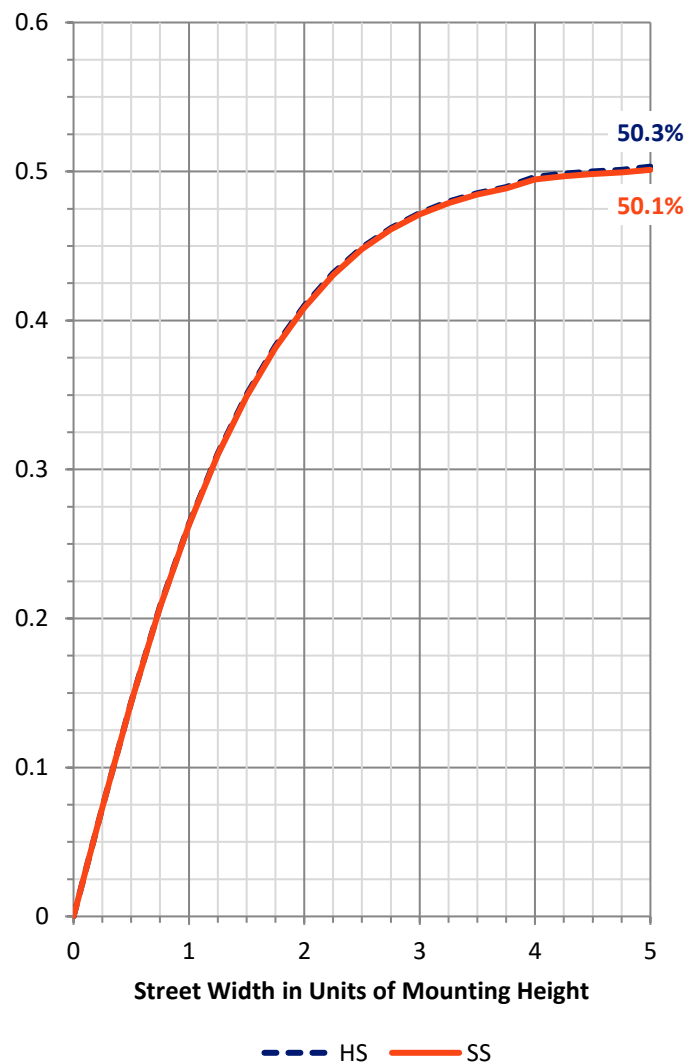
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1746.5	0.0	1746.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1746.5	0.0	1746.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	3493.0	0.0	3493.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.0	0.9
10°-20°	103.3	3.0
20°-30°	198.9	5.7
30°-40°	323.5	9.3
40°-50°	478.3	13.7
50°-60°	690.6	19.8
60°-70°	985.8	28.2
70°-80°	657.5	18.8
80°-90°	24.0	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°	3493.0	100.0
0°-180°	3493.0	100.0

Coefficient of Utilization



REPORT NUMBER: P853298

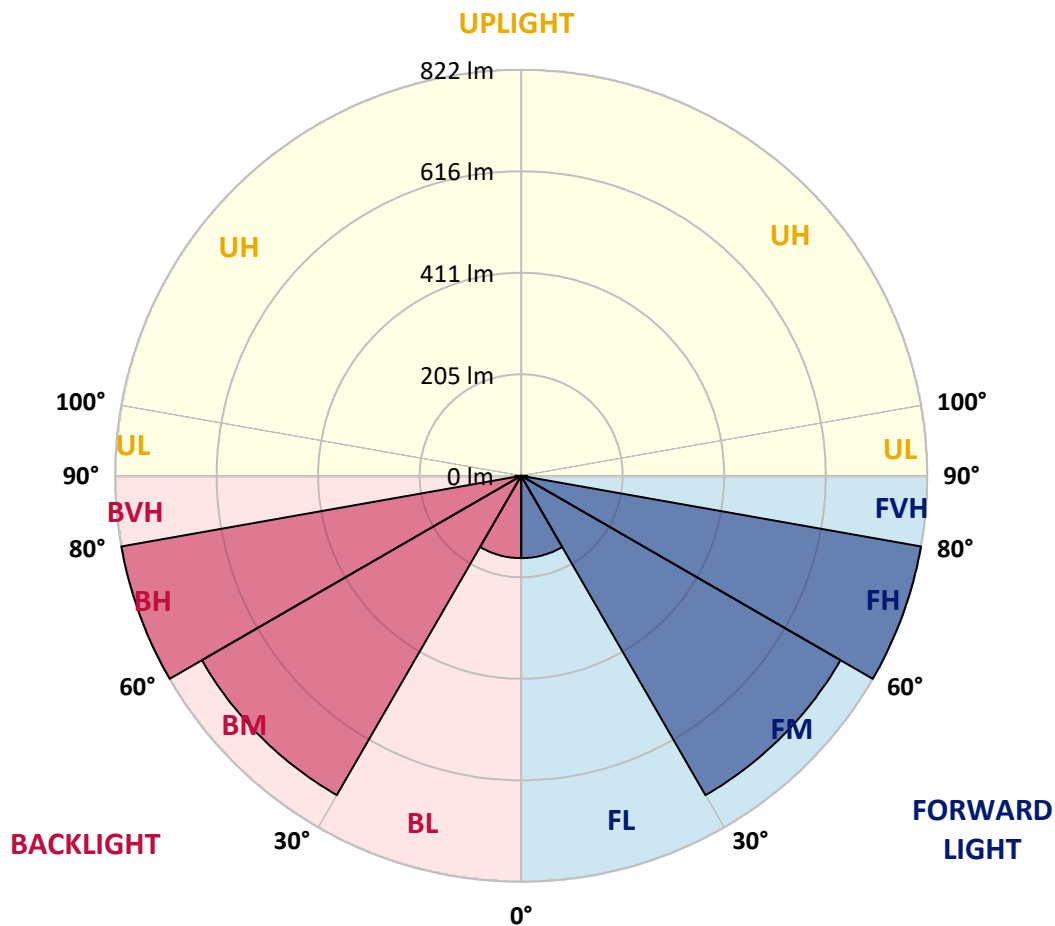
CATALOG NUMBER: CRTK-N-20-730-U-T5R

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	166.6	4.8			
FM	(30°-60°)	746.2	21.4			
FH	(60°-80°)	821.7	23.5			G1/1800
FVH	(80°-90°)	12.0	0.3			G1/100
BL	(0°-30°)	166.6	4.8	B1/500		
BM	(30°-60°)	746.2	21.4	B1/1000		
BH	(60°-80°)	821.7	23.5	B2/1000		G1/1800
BVH	(80°-90°)	12.0	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	318.0
2.5°	319.0
5°	321.8
7.5°	325.6
10°	331.4
12.5°	343.7
15°	360.9
17.5°	378.0
20°	392.3
22.5°	406.6
25°	424.7
27.5°	447.5
30°	469.4
32.5°	491.3
35°	515.1
37.5°	534.2
40°	556.1
42.5°	582.7
45°	613.2
47.5°	647.5
50°	683.7
52.5°	721.7
55°	763.6
57.5°	811.3
60°	867.4
62.5°	939.8
65°	1017.9
67.5°	1062.6
70°	1027.4
72.5°	879.8
75°	686.5
77.5°	375.2
80°	89.5
82.5°	27.6
85°	13.3
87.5°	2.9
90°	0.0

(END OF REPORT)