

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: P853361

Luminaire Tested: **CRTK-N-30-740-U-T5R**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853361
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-30-740-U-T5R
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4797.9 lumens
Efficiency: N/A
Efficacy: 148.5 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

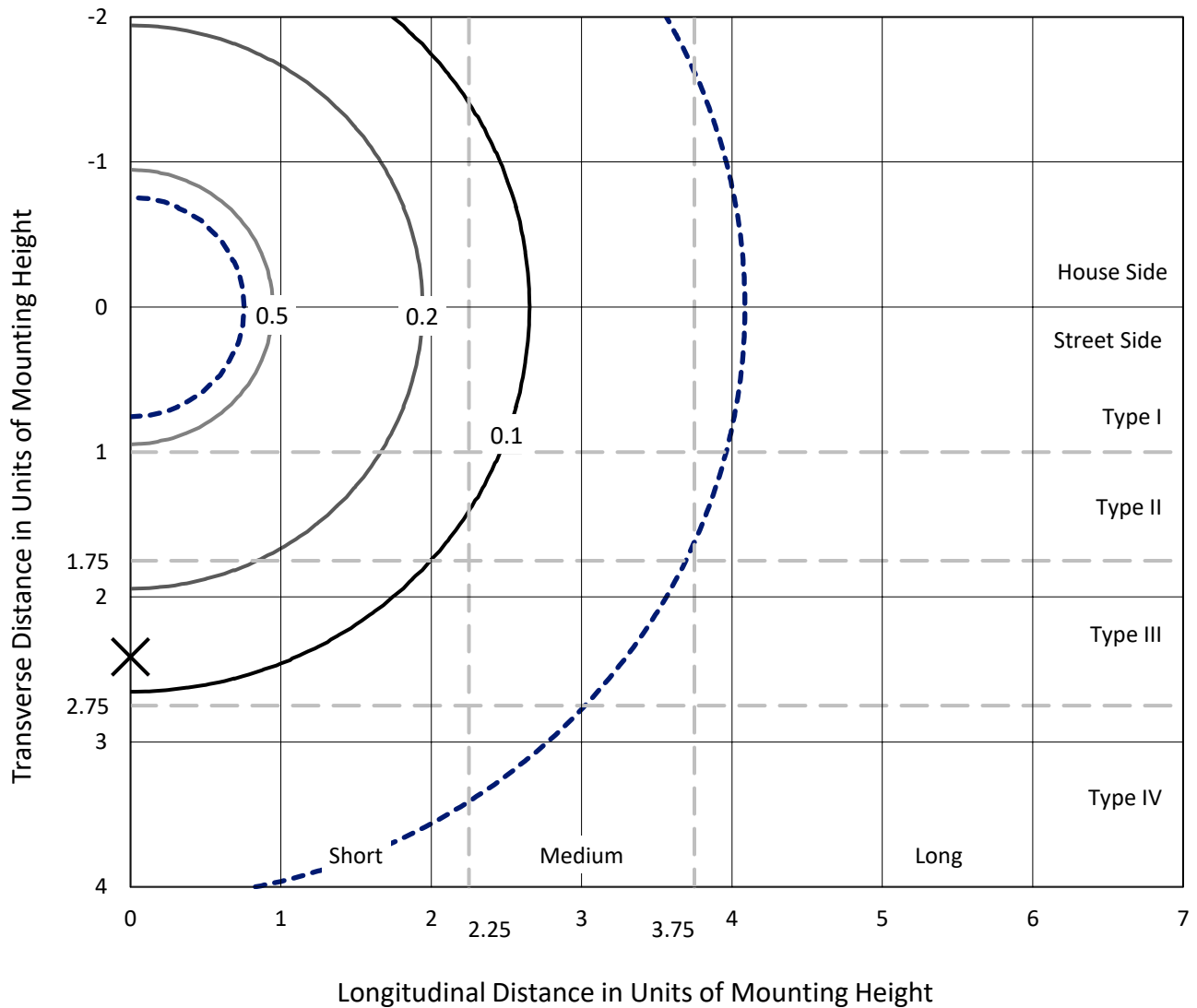
Input Watts (W): 32.3
Input Voltage (V): 120.0
Input Current (Ain): 0.271
Voltage Rise (V): NR
Power Factor: 0.993
Total Harmonic Distortion (THDi): 10.1%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P853361
 CATALOG NUMBER: CRTK-N-30-740-U-T5R

Iso-Footcandle Lines of Horizontal Illumination

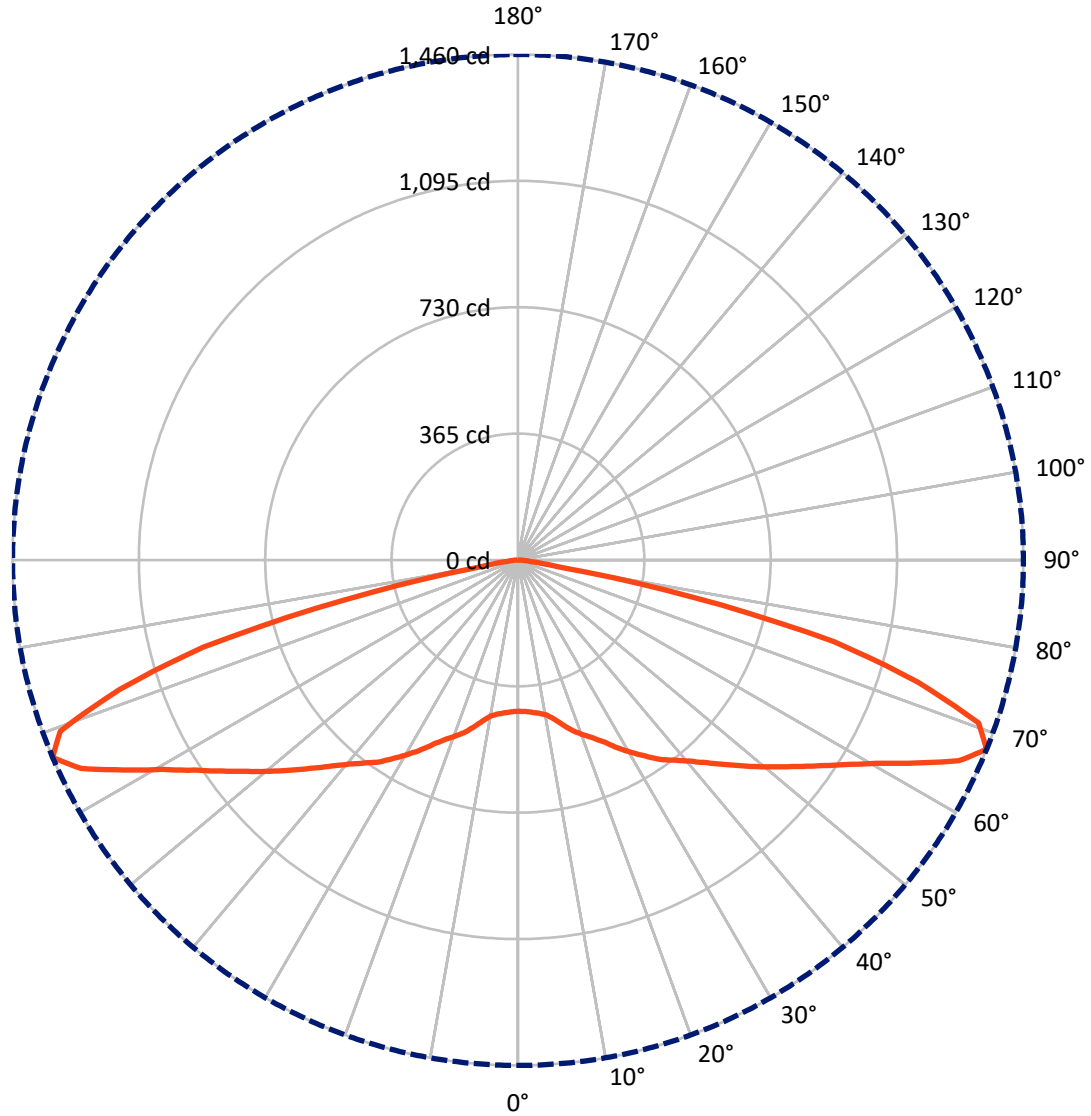
✕ Max cd
 - - - 1/2 Max cd



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

REPORT NUMBER: P853361
CATALOG NUMBER: CRTK-N-30-740-U-T5R

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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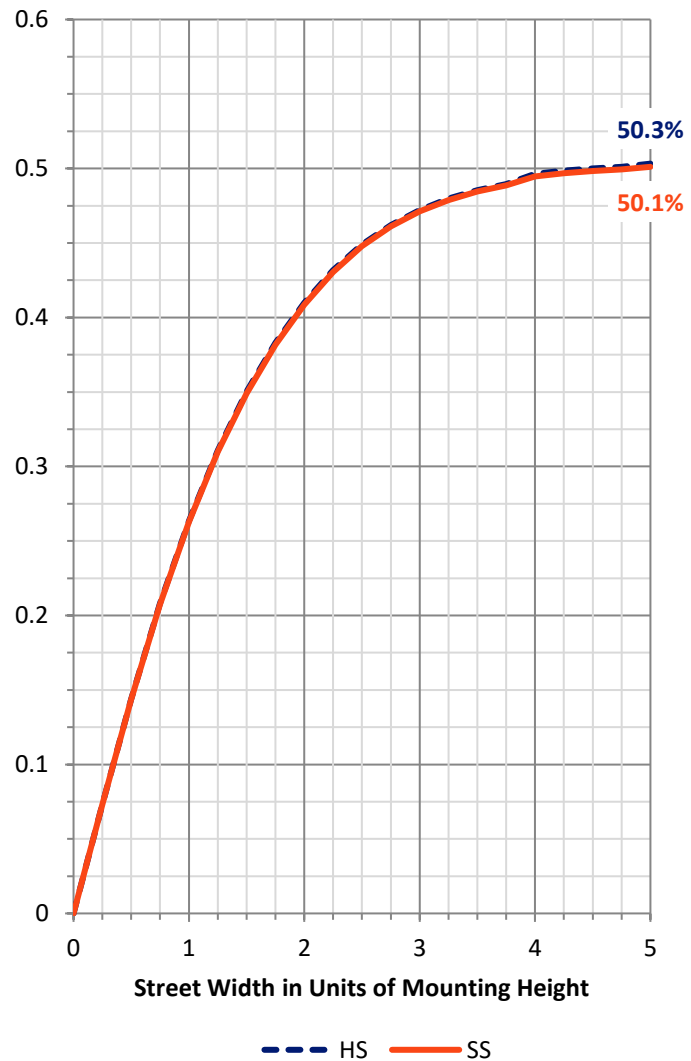
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2399.0	0.0	2399.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2399.0	0.0	2399.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	4797.9	0.0	4797.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.6	0.9
10°-20°	141.9	3.0
20°-30°	273.2	5.7
30°-40°	444.4	9.3
40°-50°	657.0	13.7
50°-60°	948.6	19.8
60°-70°	1354.2	28.2
70°-80°	903.1	18.8
80°-90°	33.0	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°	4797.9	100.0
0°-180°	4797.9	100.0



REPORT NUMBER: P853361

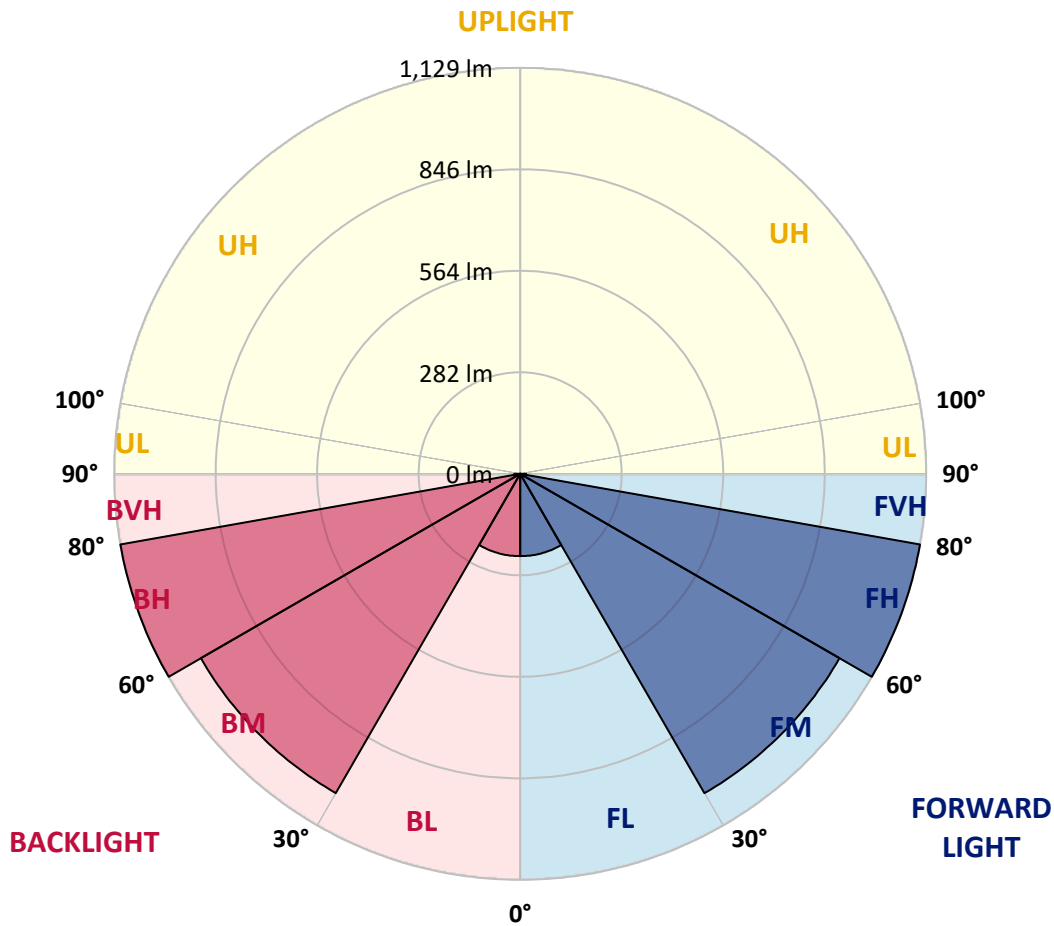
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	228.8	4.8			
FM (30°-60°)	1025.0	21.4			
FH (60°-80°)	1128.6	23.5			G1/1800
FVH (80°-90°)	16.5	0.3			G1/100
BL (0°-30°)	228.8	4.8	B1/500		
BM (30°-60°)	1025.0	21.4	B2/2500		
BH (60°-80°)	1128.6	23.5	B3/2500		G1/1800
BVH (80°-90°)	16.5	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



REPORT NUMBER: P853361

CATALOG NUMBER: CRTK-N-30-740-U-T5R

CANDELA DISTRIBUTION (FULL):

	0°
0°	436.8
2.5°	438.2
5°	442.1
7.5°	447.3
10°	455.2
12.5°	472.2
15°	495.7
17.5°	519.2
20°	538.9
22.5°	558.5
25°	583.3
27.5°	614.7
30°	644.8
32.5°	674.9
35°	707.6
37.5°	733.7
40°	763.8
42.5°	800.4
45°	842.3
47.5°	889.4
50°	939.1
52.5°	991.4
55°	1048.9
57.5°	1114.3
60°	1191.5
62.5°	1290.9
65°	1398.2
67.5°	1459.6
70°	1411.2
72.5°	1208.5
75°	943.0
77.5°	515.3
80°	122.9
82.5°	37.9
85°	18.3
87.5°	3.9
90°	0.0

(END OF REPORT)