

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: P691817

Luminaire Tested: **CRTK2-C01H-5TLD-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691817
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-19)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C01H-5TLD-U-T5R-7030-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10285 lumens
Efficiency: N/A
Efficacy: 137.3 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 74.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

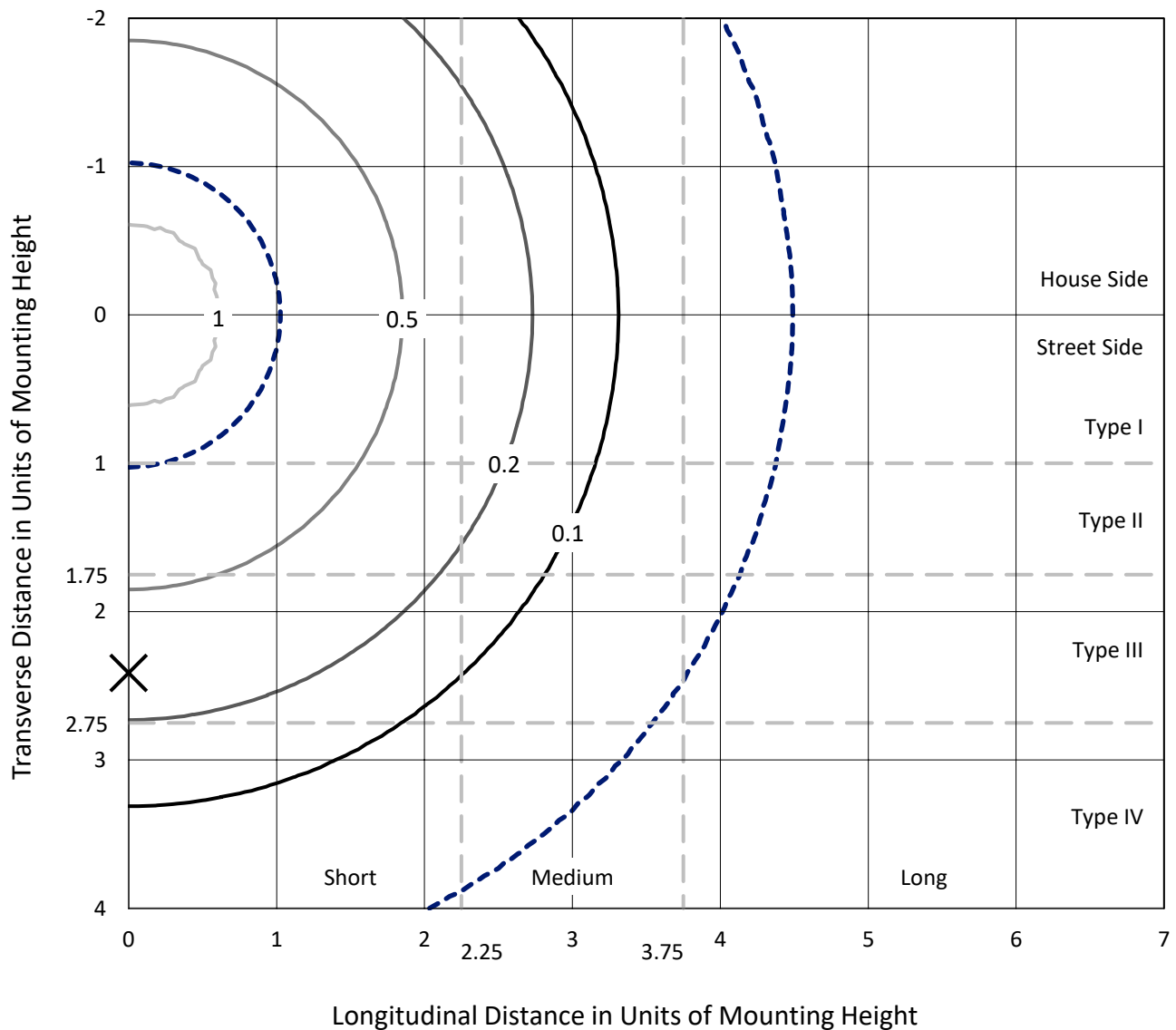


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Iso-Footcandle Lines of Horizontal Illumination

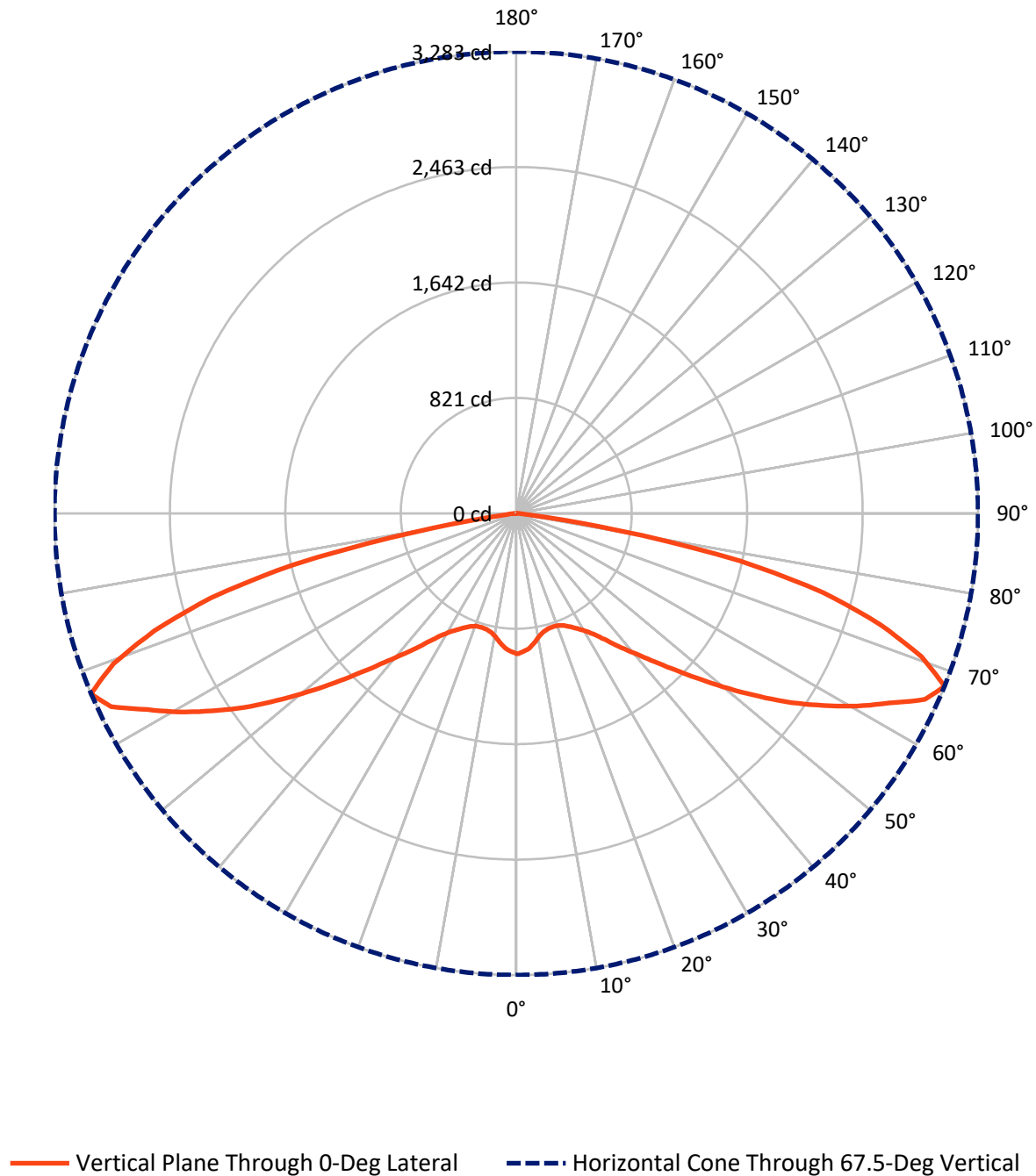
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.6 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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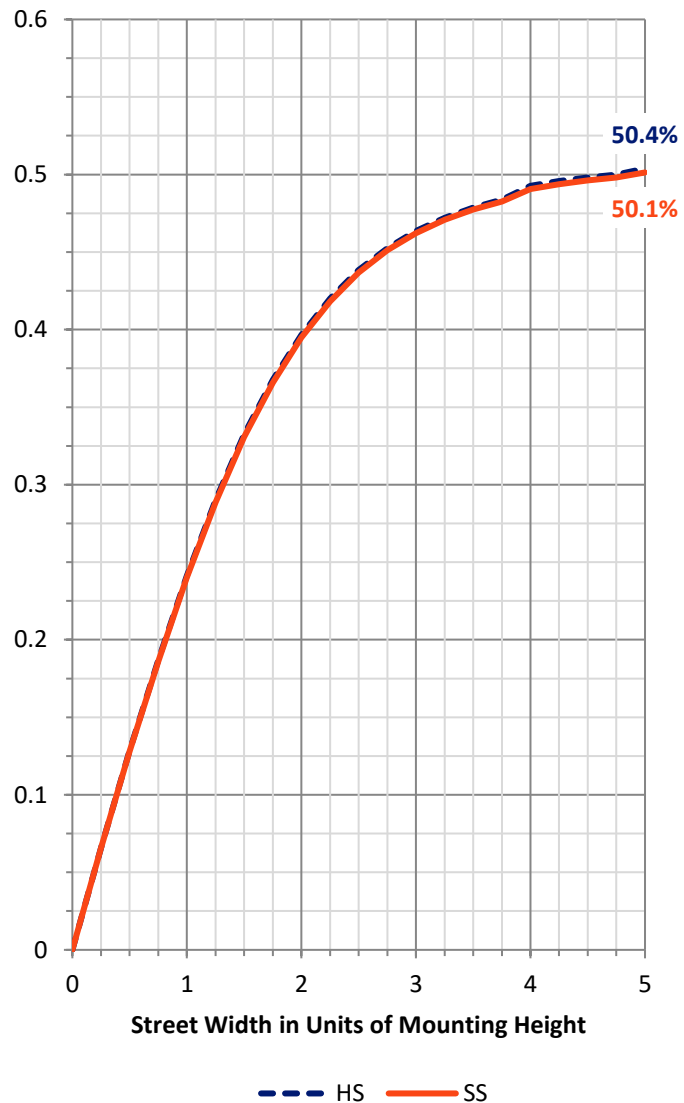
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5142.5	0.0	5142.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5142.5	0.0	5142.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	10285.0	0.0	10285.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.6	0.9
10°-20°	242.7	2.4
20°-30°	418.2	4.1
30°-40°	710.2	6.9
40°-50°	1253.1	12.2
50°-60°	2135.6	20.8
60°-70°	3071.6	29.9
70°-80°	2233.6	21.7
80°-90°	130.4	1.3
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°	10285.0	100.0
0°-180°	10285.0	100.0

Coefficient of Utilization



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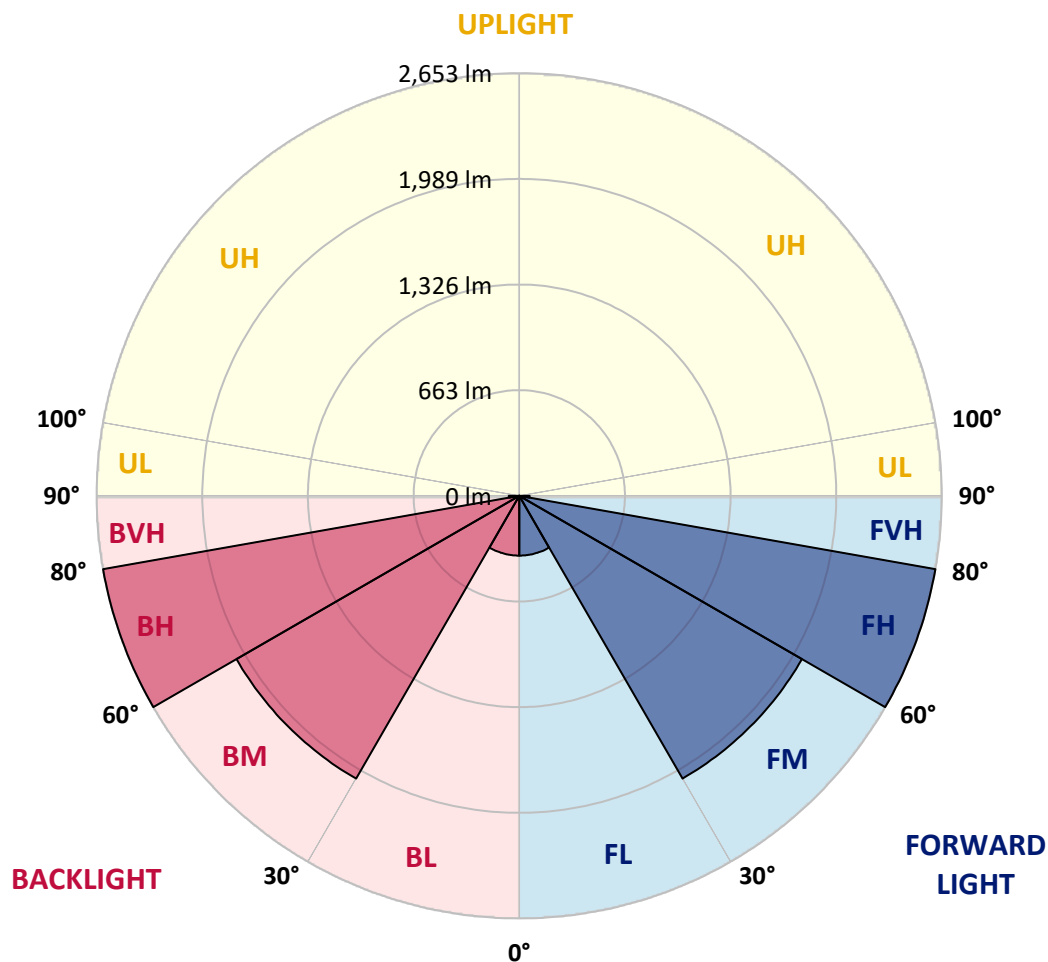
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	375.3	3.6			
FM	(30°-60°)	2049.4	19.9			
FH	(60°-80°)	2652.6	25.8			G2/5000
FVH	(80°-90°)	65.2	0.6			G1/100
BL	(0°-30°)	375.3	3.6	B1/500		
BM	(30°-60°)	2049.4	19.9	B2/2500		
BH	(60°-80°)	2652.6	25.8	B4/5000		G2/5000
BVH	(80°-90°)	65.2	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1000.3
2.5°	984.0
5°	964.6
7.5°	928.8
10°	889.9
12.5°	863.9
15°	850.9
17.5°	847.6
20°	850.9
22.5°	867.1
25°	893.1
27.5°	928.8
30°	971.1
32.5°	1029.5
35°	1110.7
37.5°	1211.4
40°	1315.3
42.5°	1442.0
45°	1591.4
47.5°	1766.7
50°	1958.4
52.5°	2163.0
55°	2377.3
57.5°	2578.7
60°	2783.3
62.5°	2971.6
65°	3192.5
67.5°	3283.4
70°	3056.1
72.5°	2705.3
75°	2253.9
77.5°	1627.1
80°	727.5
82.5°	94.2
85°	19.5
87.5°	3.2
90°	0.0

(END OF REPORT)