

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: P691548

Luminaire Tested: **CRTK2-C016-D-U-T5R-7040-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691548
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-C016-D-U-T5R-7040-U0
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 4000K LED WITH TYPE V ROUND OPTIC AND U0 SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6200 lumens
Efficiency: N/A
Efficacy: 149.0 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

Input Watts (W): 41.6
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

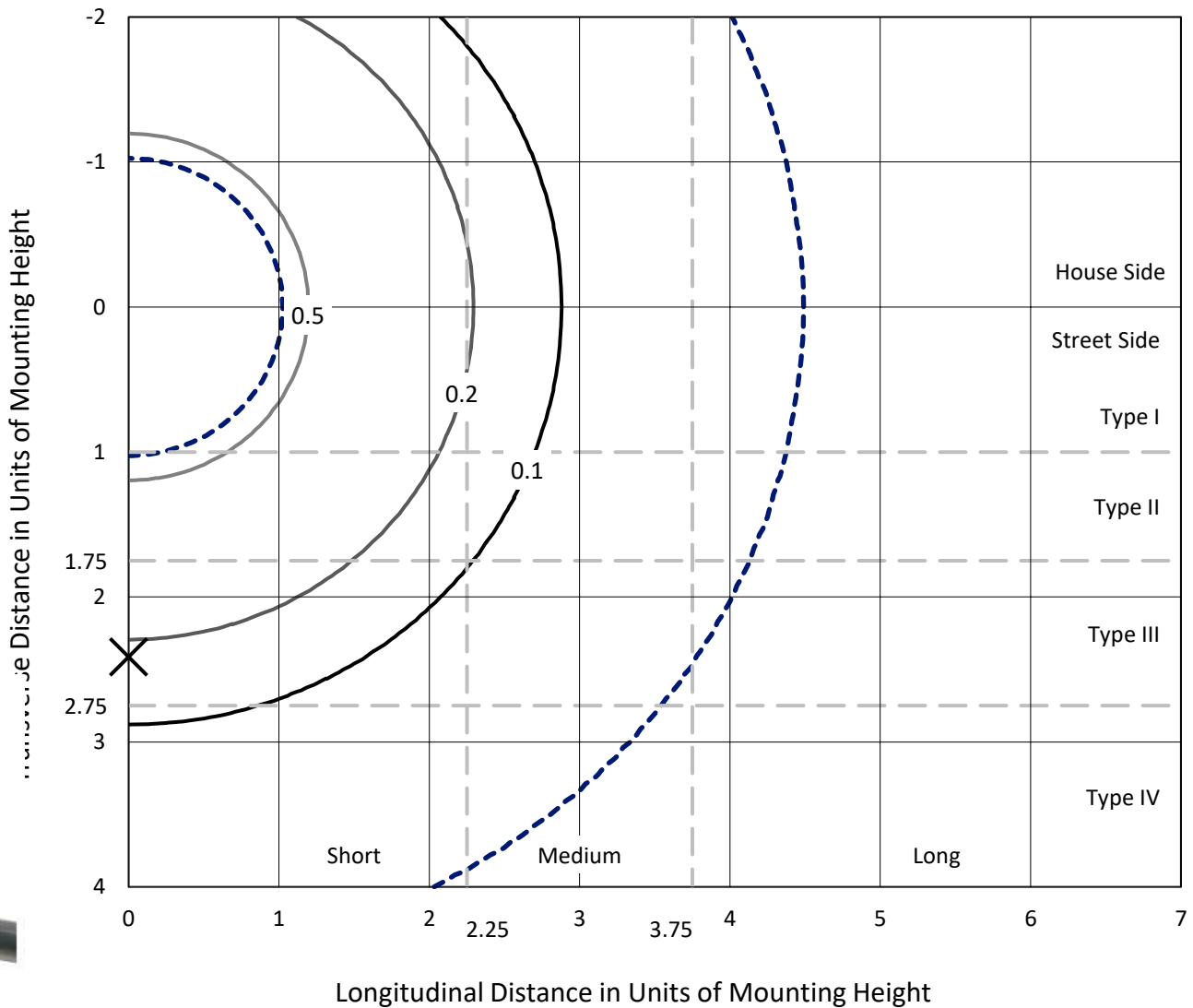


REPORT NUMBER: P691548

CATALOG NUMBER: CRTK2-C016-D-U-T5R-7040-U0

Iso-Footcandle Lines of Horizontal Illumination

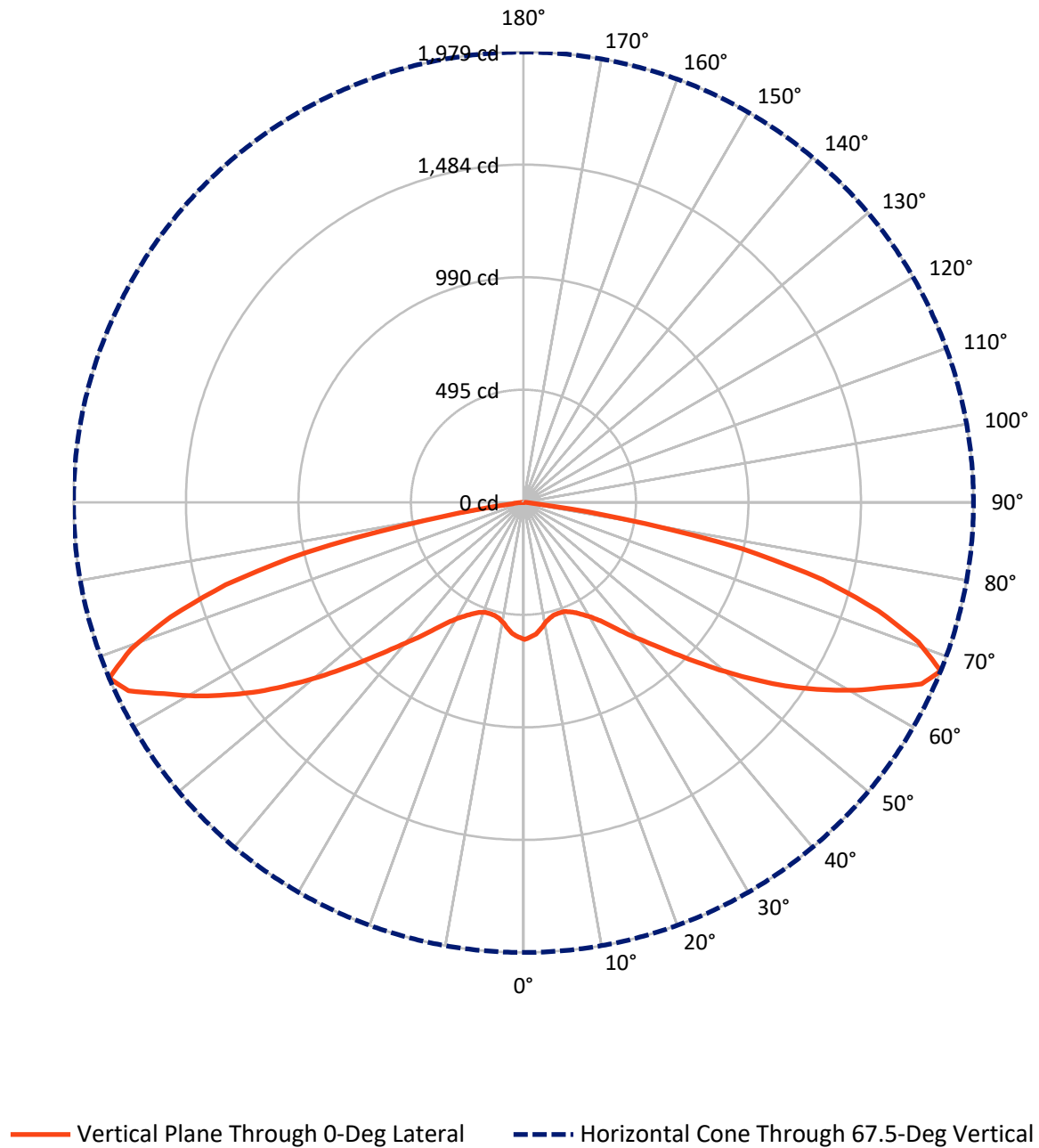
✕ Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
Type V - Short - N/A

REPORT NUMBER: P691548
CATALOG NUMBER: CRTK2-C016-D-U-T5R-7040-U0

Luminous Intensity Polar Plot



REPORT NUMBER: P691548

CATALOG NUMBER: CRTK2-C016-D-U-T5R-7040-U0

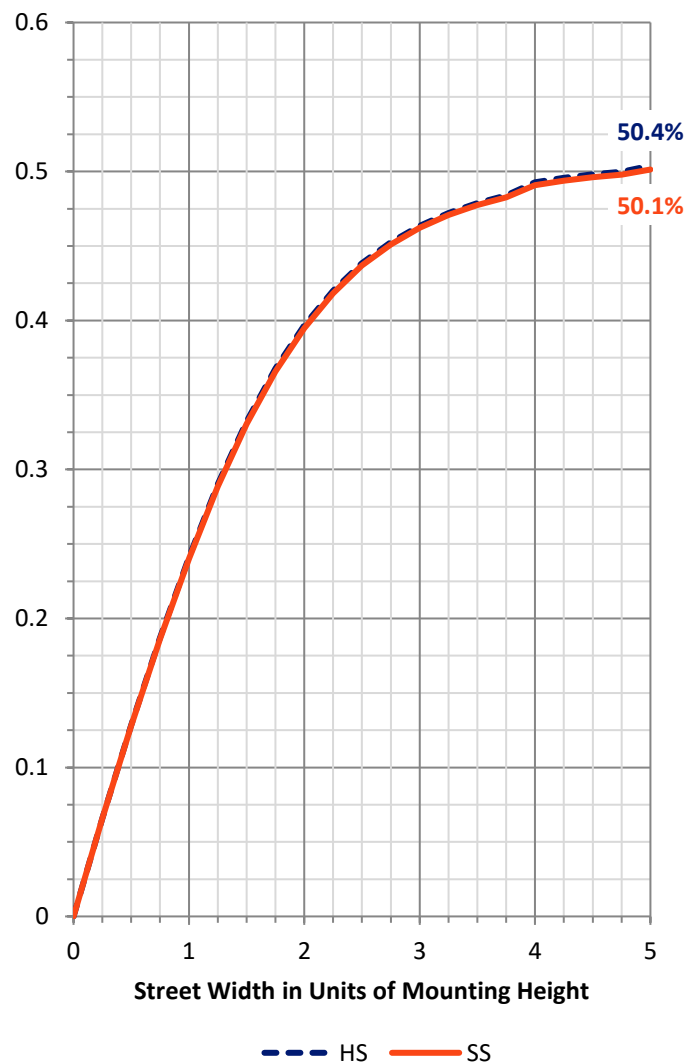
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3100.0	0.0	3100.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3100.0	0.0	3100.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6200.0	0.0	6200.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.0	0.9
10°-20°	146.3	2.4
20°-30°	252.1	4.1
30°-40°	428.1	6.9
40°-50°	755.4	12.2
50°-60°	1287.4	20.8
60°-70°	1851.7	29.9
70°-80°	1346.5	21.7
80°-90°	78.6	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°	6200.0	100.0
0°-180°	6200.0	100.0

Coefficient of Utilization



REPORT NUMBER: P691548

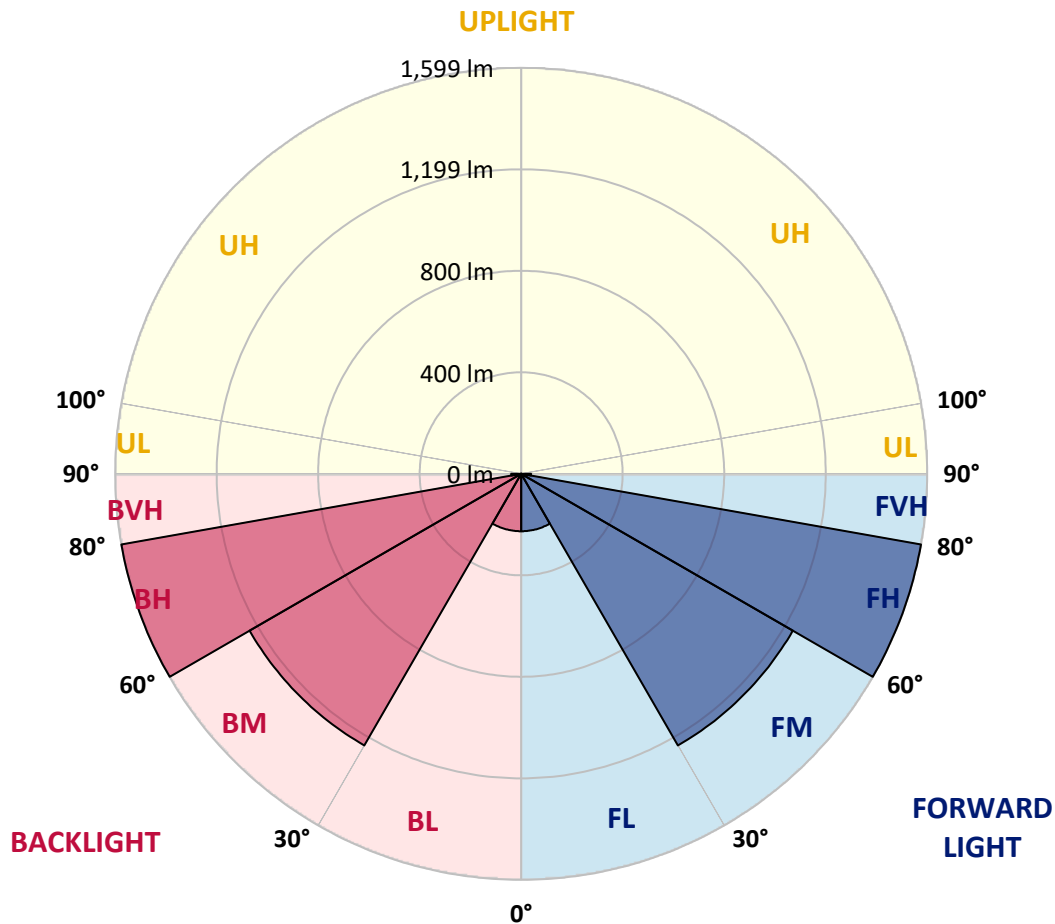
CATALOG NUMBER: CRTK2-C016-D-U-T5R-7040-U0

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	226.2	3.6			
FM	(30°-60°)	1235.4	19.9			
FH	(60°-80°)	1599.1	25.8			G1/1800
FVH	(80°-90°)	39.3	0.6			G1/100
BL	(0°-30°)	226.2	3.6	B1/500		
BM	(30°-60°)	1235.4	19.9	B2/2500		
BH	(60°-80°)	1599.1	25.8	B3/2500		G1/1800
BVH	(80°-90°)	39.3	0.6			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: P691548

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CANDELA DISTRIBUTION (FULL):

0°	
0°	603.0
2.5°	593.2
5°	581.5
7.5°	559.9
10°	536.4
12.5°	520.8
15°	512.9
17.5°	511.0
20°	512.9
22.5°	522.7
25°	538.4
27.5°	559.9
30°	585.4
32.5°	620.6
35°	669.6
37.5°	730.2
40°	792.9
42.5°	869.2
45°	959.3
47.5°	1065.0
50°	1180.5
52.5°	1303.9
55°	1433.1
57.5°	1554.5
60°	1677.8
62.5°	1791.4
65°	1924.5
67.5°	1979.3
70°	1842.3
72.5°	1630.8
75°	1358.7
77.5°	980.8
80°	438.5
82.5°	56.8
85°	11.7
87.5°	2.0
90°	0.0

(END OF REPORT)