

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: P691541

Luminaire Tested: **CRTK2-C016-D-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691541
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-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: 6021.9 lumens
Efficiency: N/A
Efficacy: 144.8 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G1

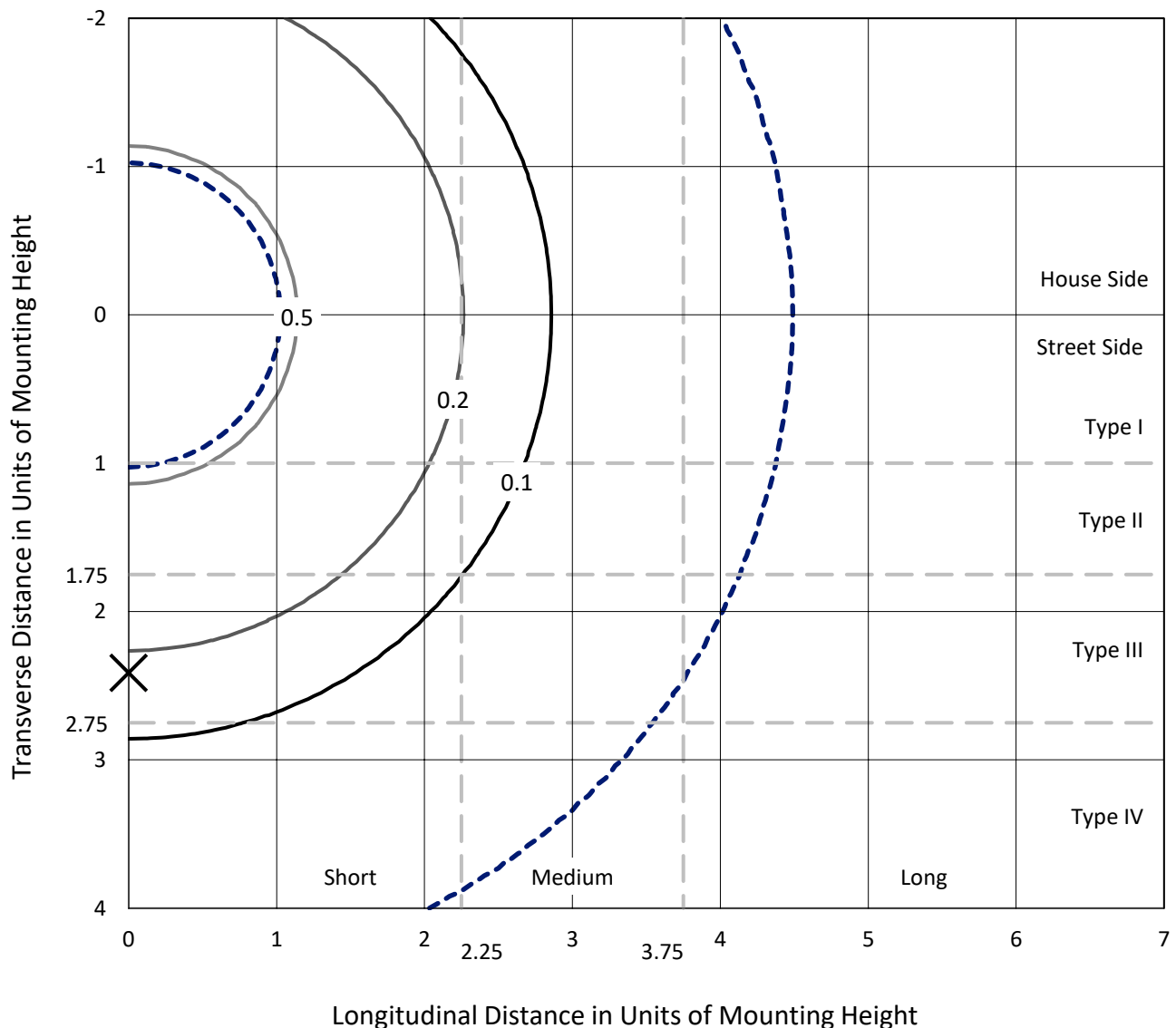
Input Watts (W): 41.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P691541
 CATALOG NUMBER: CRTK2-C016-D-U-T5R-7030-U0

Iso-Footcandle Lines of Horizontal Illumination

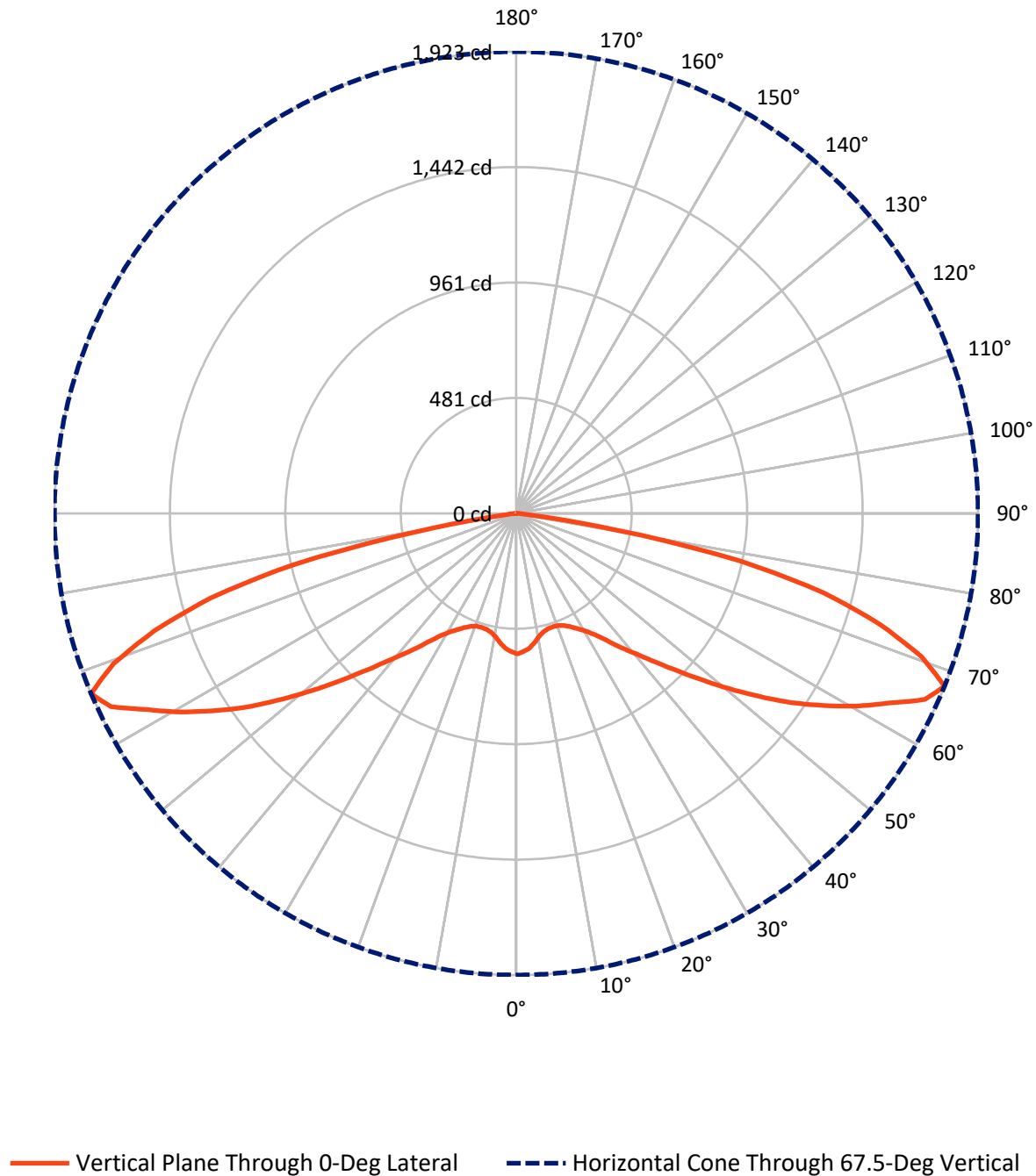
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.9 fc
 Type V - Short - N/A

REPORT NUMBER: P691541
CATALOG NUMBER: CRTK2-C016-D-U-T5R-7030-U0

Luminous Intensity Polar Plot



REPORT NUMBER: P691541

CATALOG NUMBER: CRTK2-C016-D-U-T5R-7030-U0

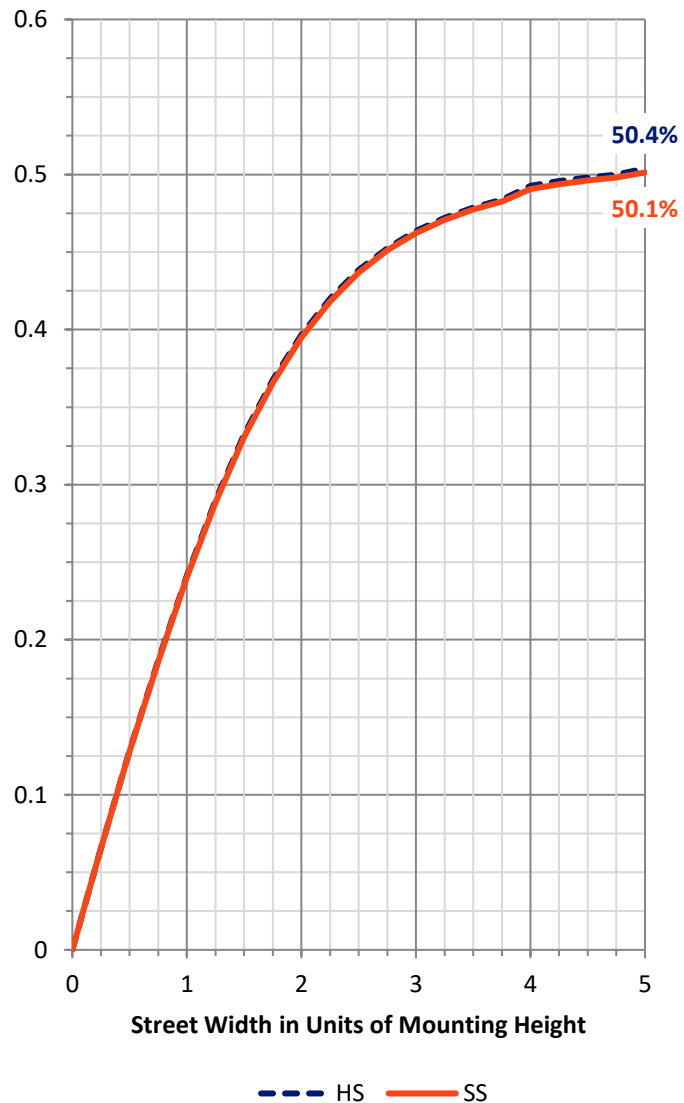
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3011.0	0.0	3011.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3011.0	0.0	3011.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	6021.9	0.0	6021.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.4	0.9
10°-20°	142.1	2.4
20°-30°	244.9	4.1
30°-40°	415.8	6.9
40°-50°	733.7	12.2
50°-60°	1250.4	20.8
60°-70°	1798.5	29.9
70°-80°	1307.8	21.7
80°-90°	76.3	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°	6021.9	100.0
0°-180°	6021.9	100.0

Coefficient of Utilization



REPORT NUMBER: P691541

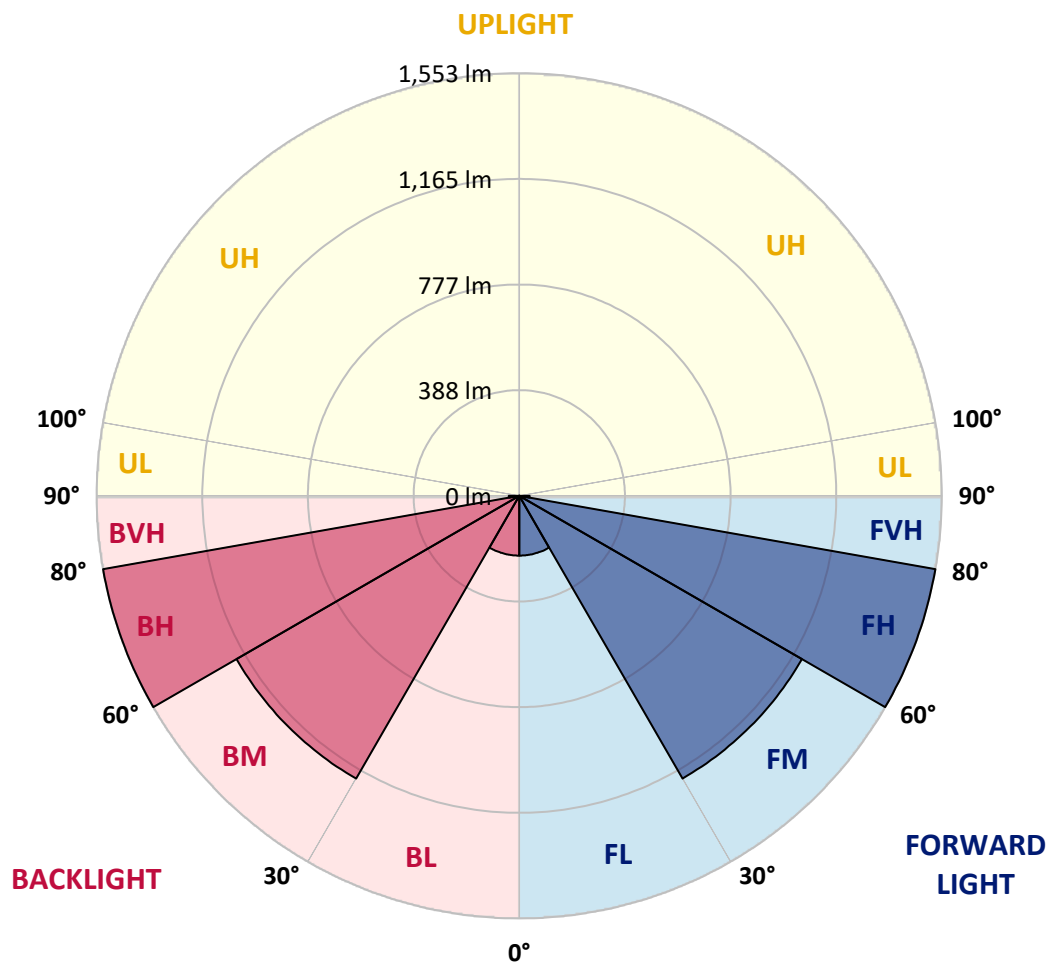
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	219.7	3.6			
FM	(30°-60°)	1199.9	19.9			
FH	(60°-80°)	1553.1	25.8			G1/1800
FVH	(80°-90°)	38.2	0.6			G1/100
BL	(0°-30°)	219.7	3.6	B1/500		
BM	(30°-60°)	1199.9	19.9	B2/2500		
BH	(60°-80°)	1553.1	25.8	B3/2500		G1/1800
BVH	(80°-90°)	38.2	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

0°	
0°	585.7
2.5°	576.2
5°	564.8
7.5°	543.8
10°	521.0
12.5°	505.8
15°	498.2
17.5°	496.3
20°	498.2
22.5°	507.7
25°	522.9
27.5°	543.8
30°	568.6
32.5°	602.8
35°	650.3
37.5°	709.3
40°	770.1
42.5°	844.3
45°	931.8
47.5°	1034.4
50°	1146.6
52.5°	1266.4
55°	1391.9
57.5°	1509.8
60°	1629.6
62.5°	1739.9
65°	1869.2
67.5°	1922.5
70°	1789.4
72.5°	1584.0
75°	1319.7
77.5°	952.7
80°	425.9
82.5°	55.1
85°	11.4
87.5°	1.9
90°	0.0

(END OF REPORT)