

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: P691909

Luminaire Tested: **CRTK2-C01H-D-U-T5R-7030-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691909
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-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: 9936 lumens
Efficiency: N/A
Efficacy: 141.5 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 70.2
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

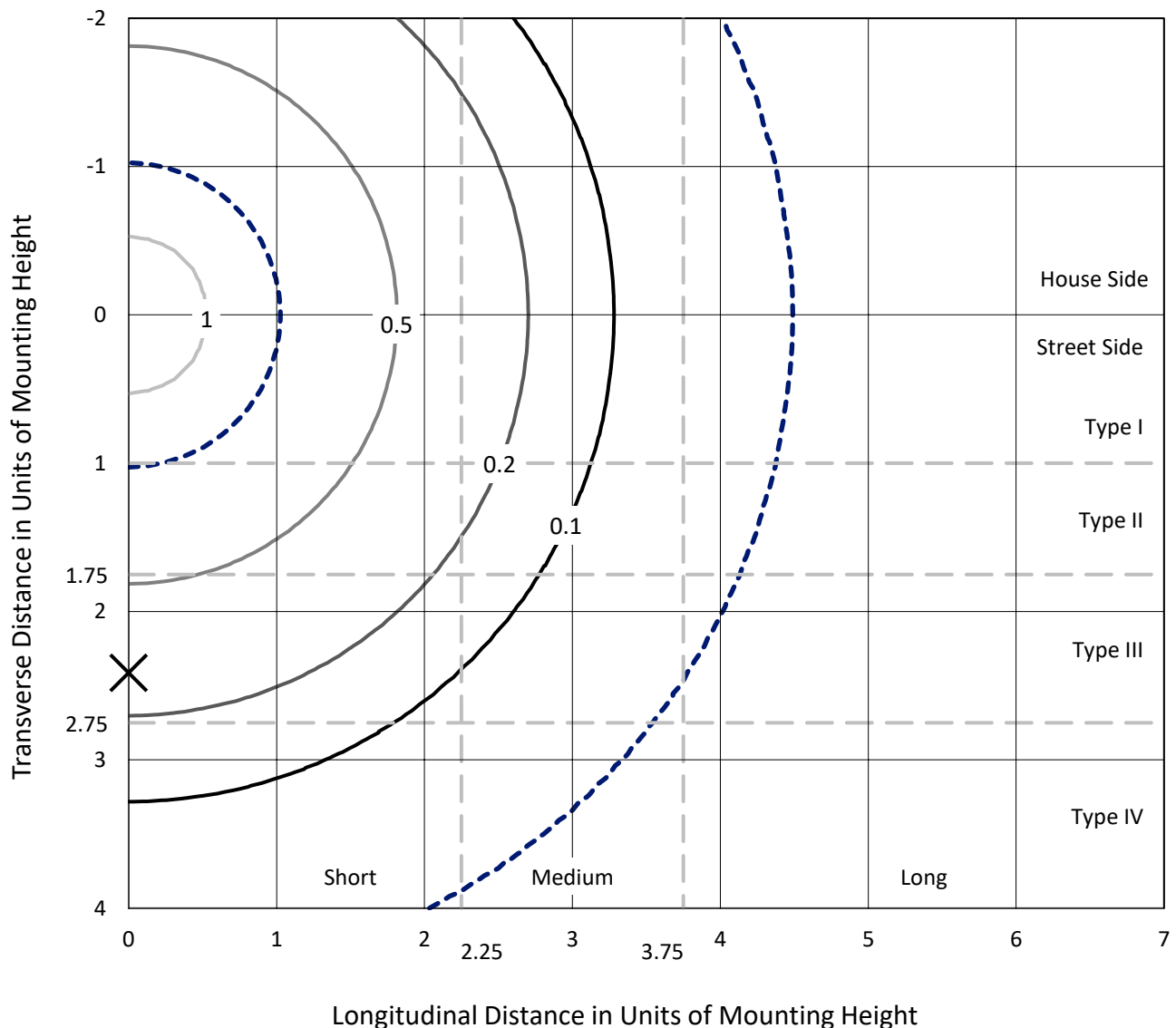


REPORT NUMBER: P691909

CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7030-U0

Iso-Footcandle Lines of Horizontal Illumination

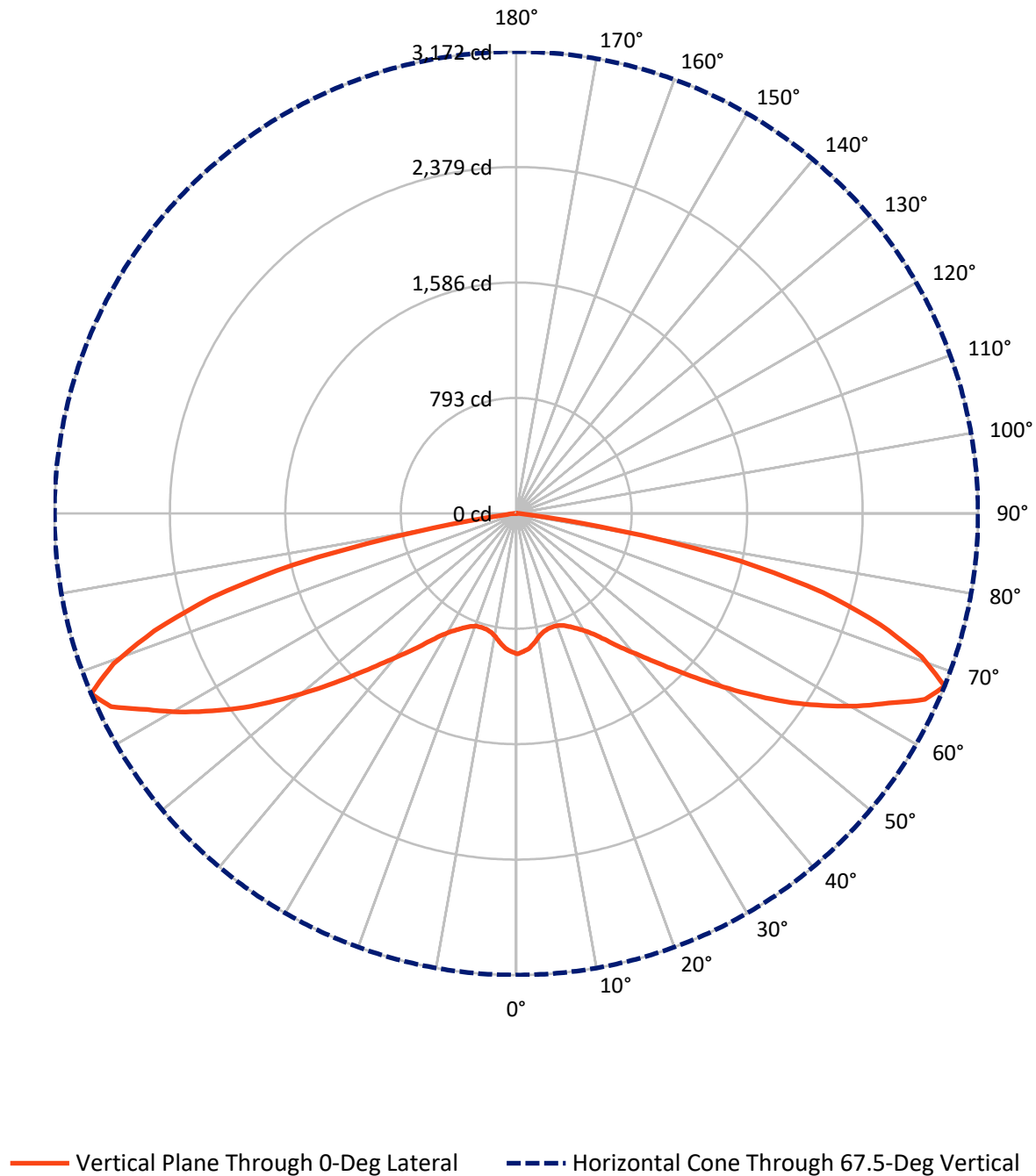
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 fc
 Type V - Short - N/A

REPORT NUMBER: P691909
CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7030-U0

Luminous Intensity Polar Plot



REPORT NUMBER: P691909

CATALOG NUMBER: CRTK2-C01H-D-U-T5R-7030-U0

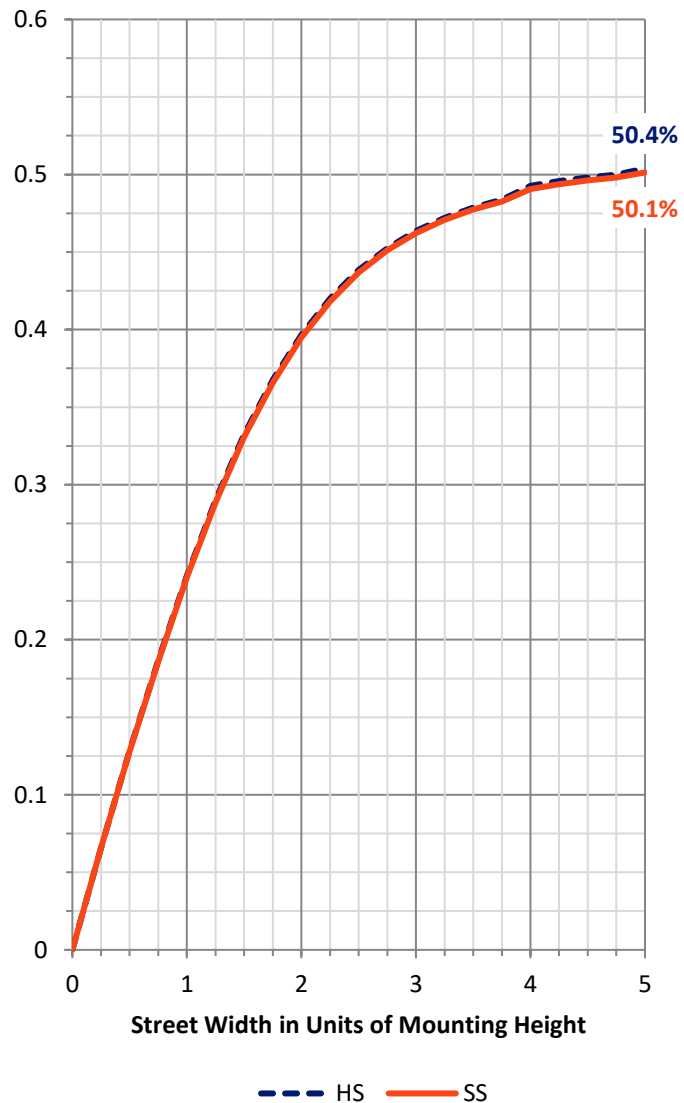
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4968.0	0.0	4968.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4968.0	0.0	4968.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9936.0	0.0	9936.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.5	0.9
10°-20°	234.5	2.4
20°-30°	404.0	4.1
30°-40°	686.1	6.9
40°-50°	1210.6	12.2
50°-60°	2063.1	20.8
60°-70°	2967.4	29.9
70°-80°	2157.8	21.7
80°-90°	125.9	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°	9936.0	100.0
0°-180°	9936.0	100.0

Coefficient of Utilization



REPORT NUMBER: P691909

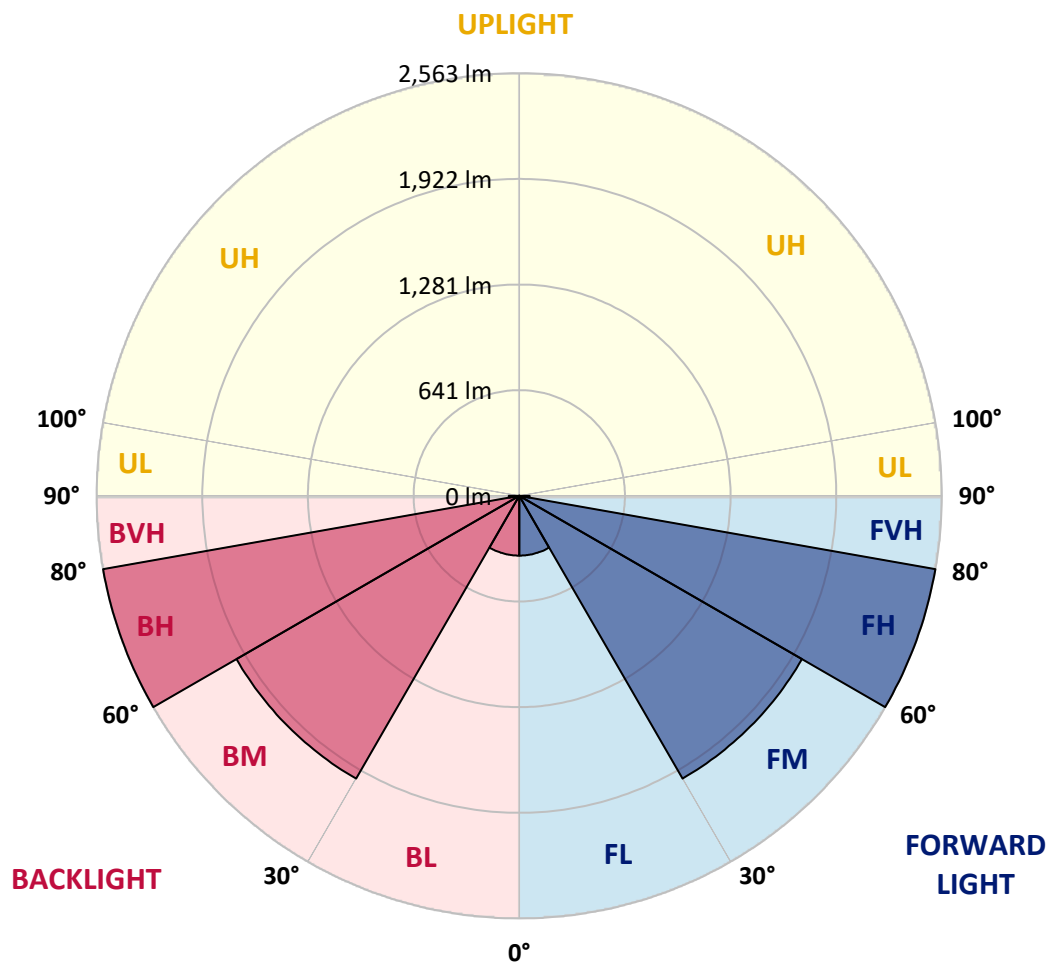
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	362.5	3.6			
FM	(30°-60°)	1979.9	19.9			
FH	(60°-80°)	2562.6	25.8			G2/5000
FVH	(80°-90°)	63.0	0.6			G1/100
BL	(0°-30°)	362.5	3.6	B1/500		
BM	(30°-60°)	1979.9	19.9	B2/2500		
BH	(60°-80°)	2562.6	25.8	B4/5000		G2/5000
BVH	(80°-90°)	63.0	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°	966.3
2.5°	950.7
5°	931.8
7.5°	897.3
10°	859.7
12.5°	834.6
15°	822.0
17.5°	818.9
20°	822.0
22.5°	837.7
25°	862.8
27.5°	897.3
30°	938.1
32.5°	994.6
35°	1073.0
37.5°	1170.3
40°	1270.7
42.5°	1393.0
45°	1537.4
47.5°	1706.8
50°	1891.9
52.5°	2089.6
55°	2296.6
57.5°	2491.2
60°	2688.8
62.5°	2870.8
65°	3084.1
67.5°	3172.0
70°	2952.4
72.5°	2613.5
75°	2177.4
77.5°	1571.9
80°	702.8
82.5°	91.0
85°	18.8
87.5°	3.1
90°	0.0

(END OF REPORT)