

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: P691180

Luminaire Tested: **CRTK2-C013-D-U-T5R-7040-U0**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691180
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-C013-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: 3166.9 lumens
Efficiency: N/A
Efficacy: 155.2 lumens/watt
Luminous Opening: Circular (Dia: 0.33' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 20.4
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

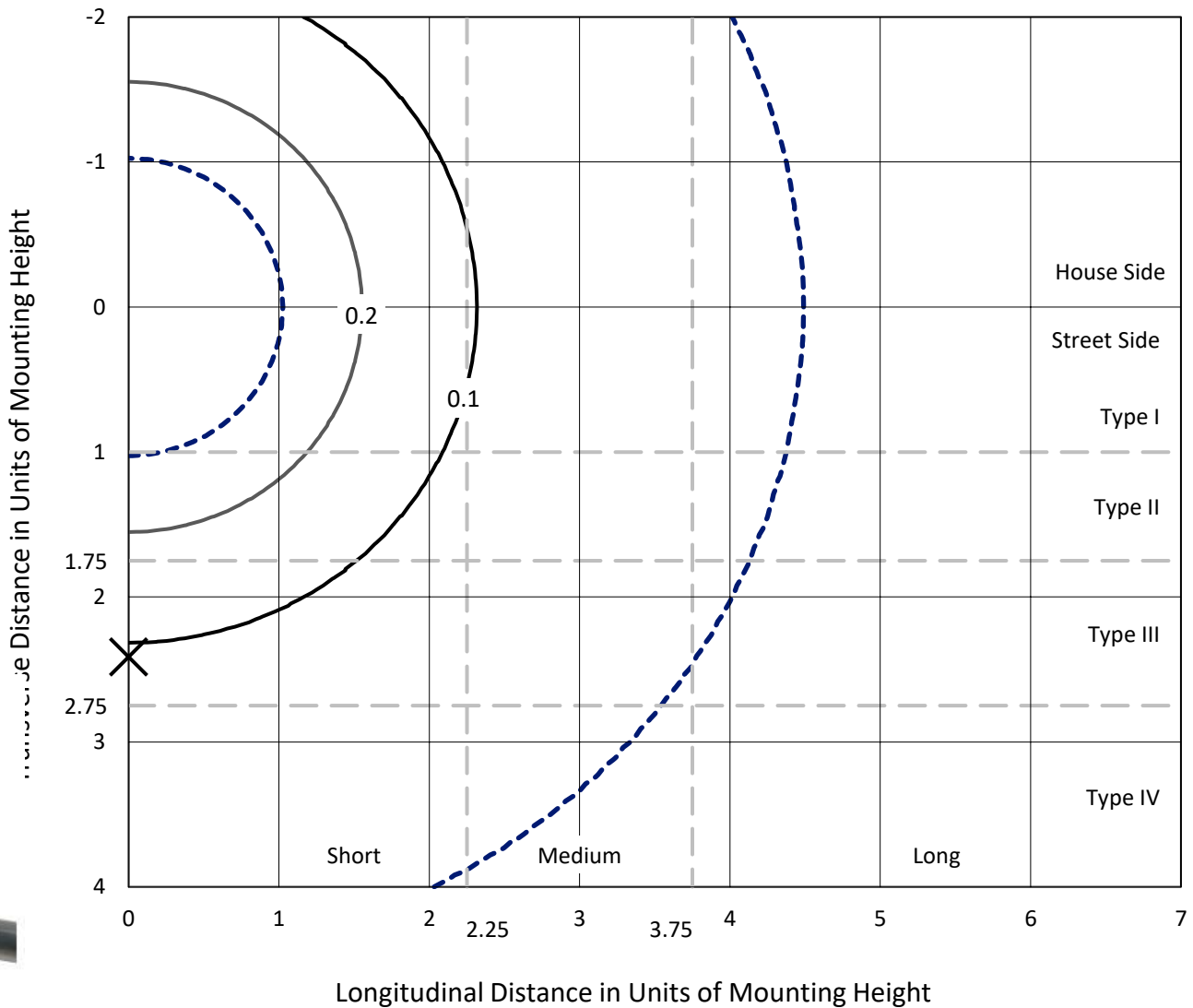


REPORT NUMBER: P691180

CATALOG NUMBER: CRTK2-C013-D-U-T5R-7040-U0

Iso-Footcandle Lines of Horizontal Illumination

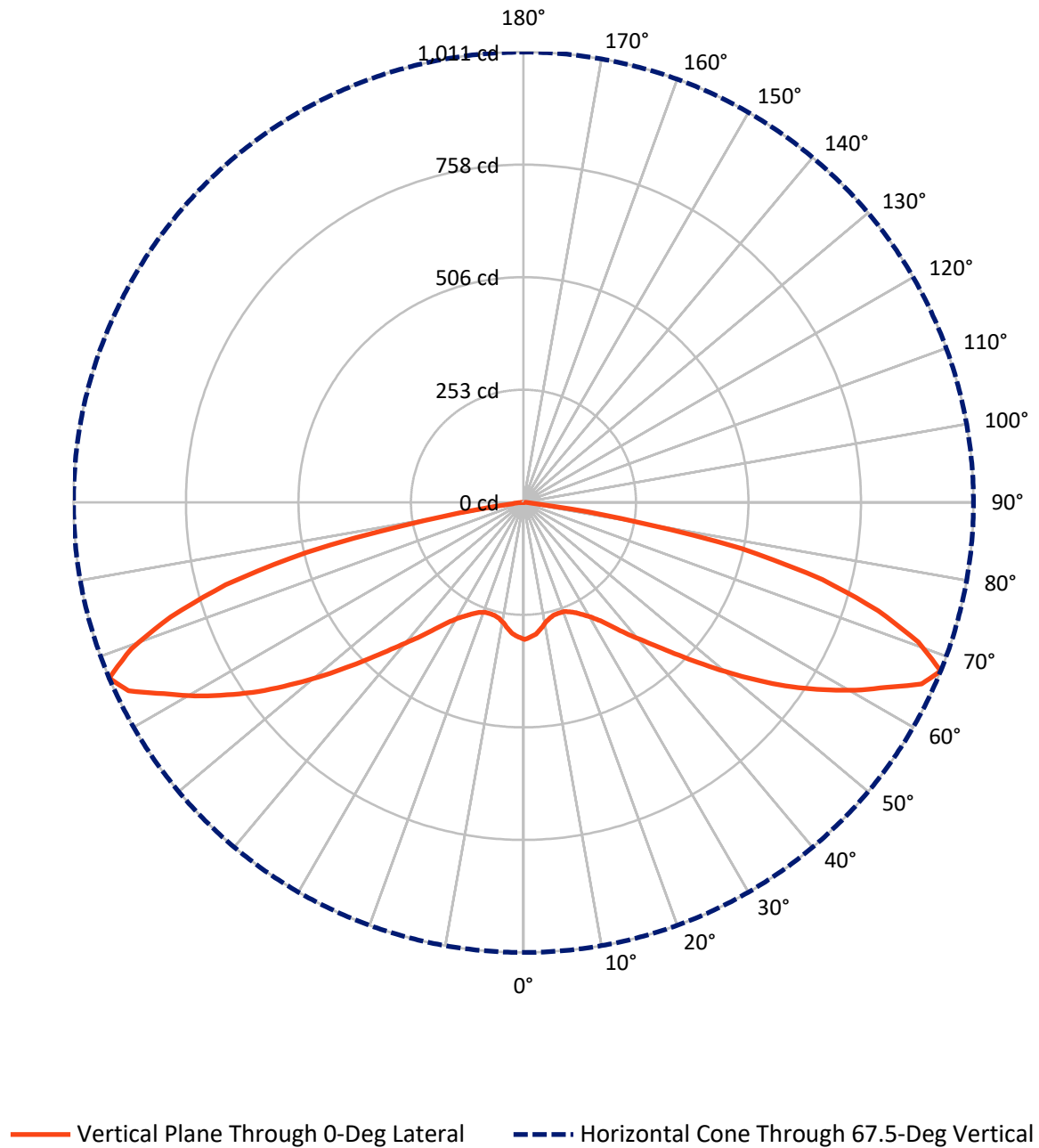
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
 Type V - Short - N/A

REPORT NUMBER: P691180
CATALOG NUMBER: CRTK2-C013-D-U-T5R-7040-U0

Luminous Intensity Polar Plot



REPORT NUMBER: P691180

CATALOG NUMBER: CRTK2-C013-D-U-T5R-7040-U0

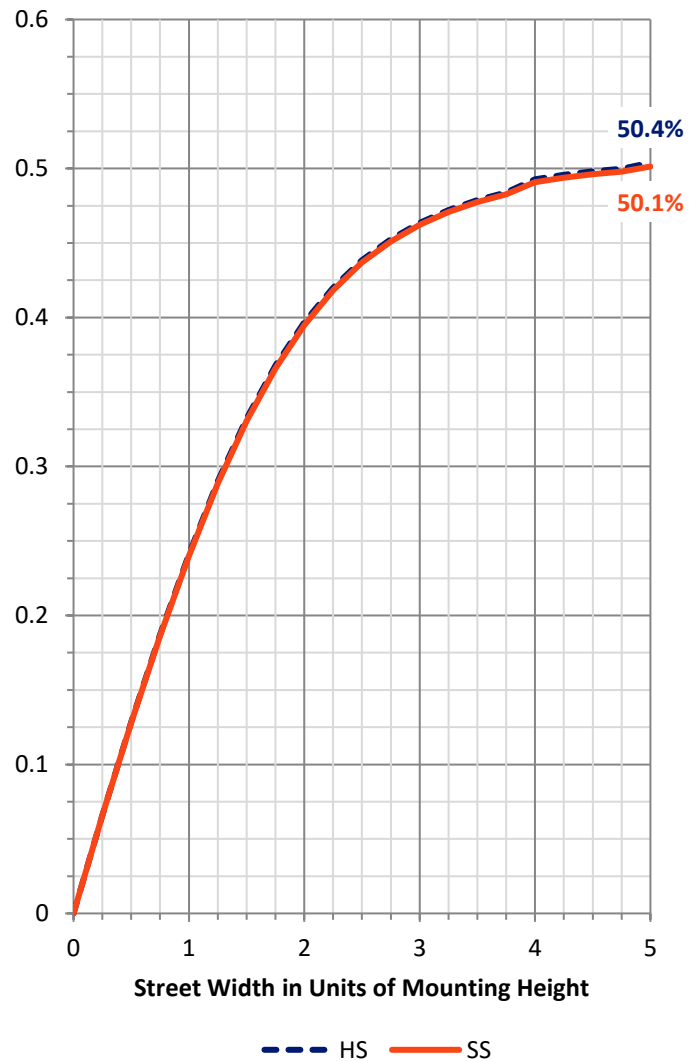
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1583.4	0.0	1583.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1583.4	0.0	1583.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	3166.9	0.0	3166.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.6	0.9
10°-20°	74.7	2.4
20°-30°	128.8	4.1
30°-40°	218.7	6.9
40°-50°	385.8	12.2
50°-60°	657.6	20.8
60°-70°	945.8	29.9
70°-80°	687.8	21.7
80°-90°	40.1	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°	3166.9	100.0
0°-180°	3166.9	100.0

Coefficient of Utilization



REPORT NUMBER: P691180

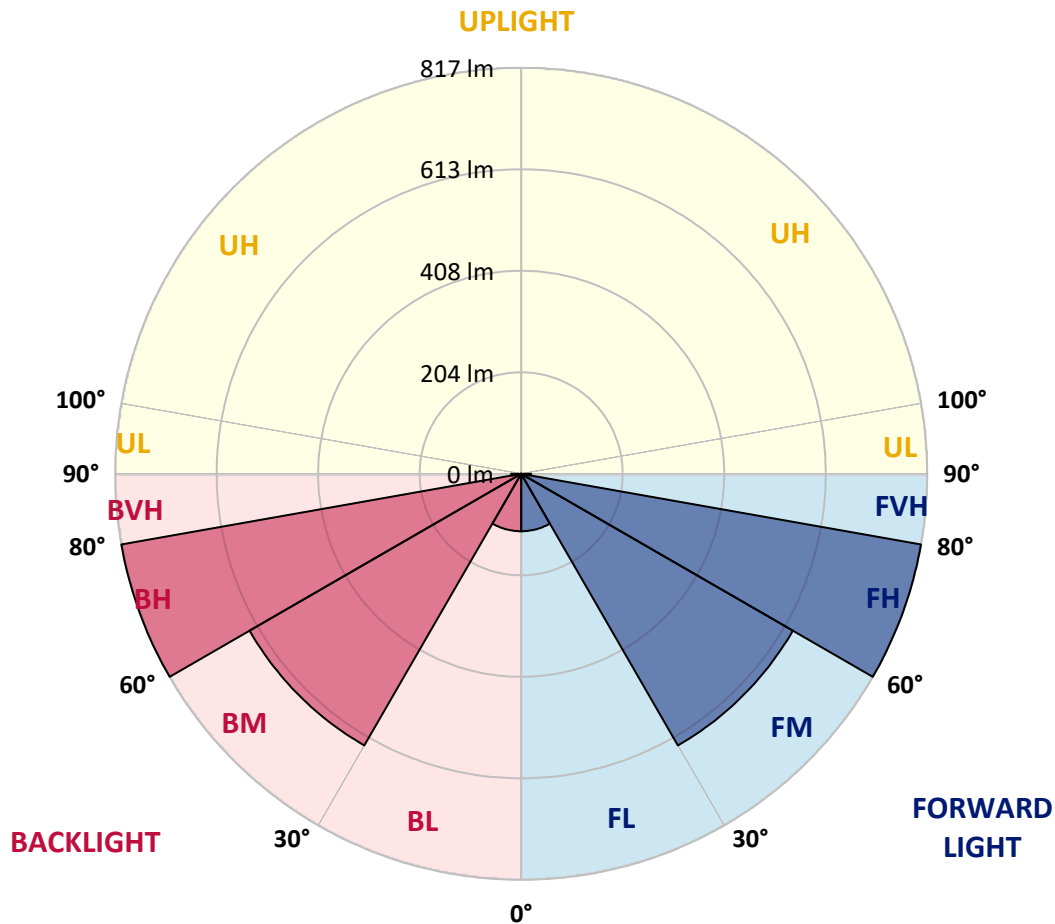
CATALOG NUMBER: CRTK2-C013-D-U-T5R-7040-U0

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	115.6	3.6			
FM	(30°-60°)	631.0	19.9			
FH	(60°-80°)	816.8	25.8			G1/1800
FVH	(80°-90°)	20.1	0.6			G1/100
BL	(0°-30°)	115.6	3.6	B1/500		
BM	(30°-60°)	631.0	19.9	B1/1000		
BH	(60°-80°)	816.8	25.8	B2/1000		G1/1800
BVH	(80°-90°)	20.1	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



REPORT NUMBER: P691180

CATALOG NUMBER: CRTK2-C013-D-U-T5R-7040-U0

CANDELA DISTRIBUTION (FULL):

0°	
0°	308
2.5°	303
5°	297
7.5°	286
10°	274
12.5°	266
15°	262
17.5°	261
20°	262
22.5°	267
25°	275
27.5°	286
30°	299
32.5°	317
35°	342
37.5°	373
40°	405
42.5°	444
45°	490
47.5°	544
50°	603
52.5°	666
55°	732
57.5°	794
60°	857
62.5°	915
65°	983
67.5°	1011
70°	941
72.5°	833
75°	694
77.5°	501
80°	224
82.5°	29
85°	6
87.5°	1
90°	0

(END OF REPORT)