

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: LUMARK

Report Number: P295416

Luminaire Tested: **TCRS5W(7030)**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P295416
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-3)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: TCRS5W(7030)
Description: TRACER SMALL, STANDARD TRIM NEMA 5x5
Light Source: (6) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 542.2 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Luminous Opening: Circular (Dia: 0.17' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B1 - U0 - G0

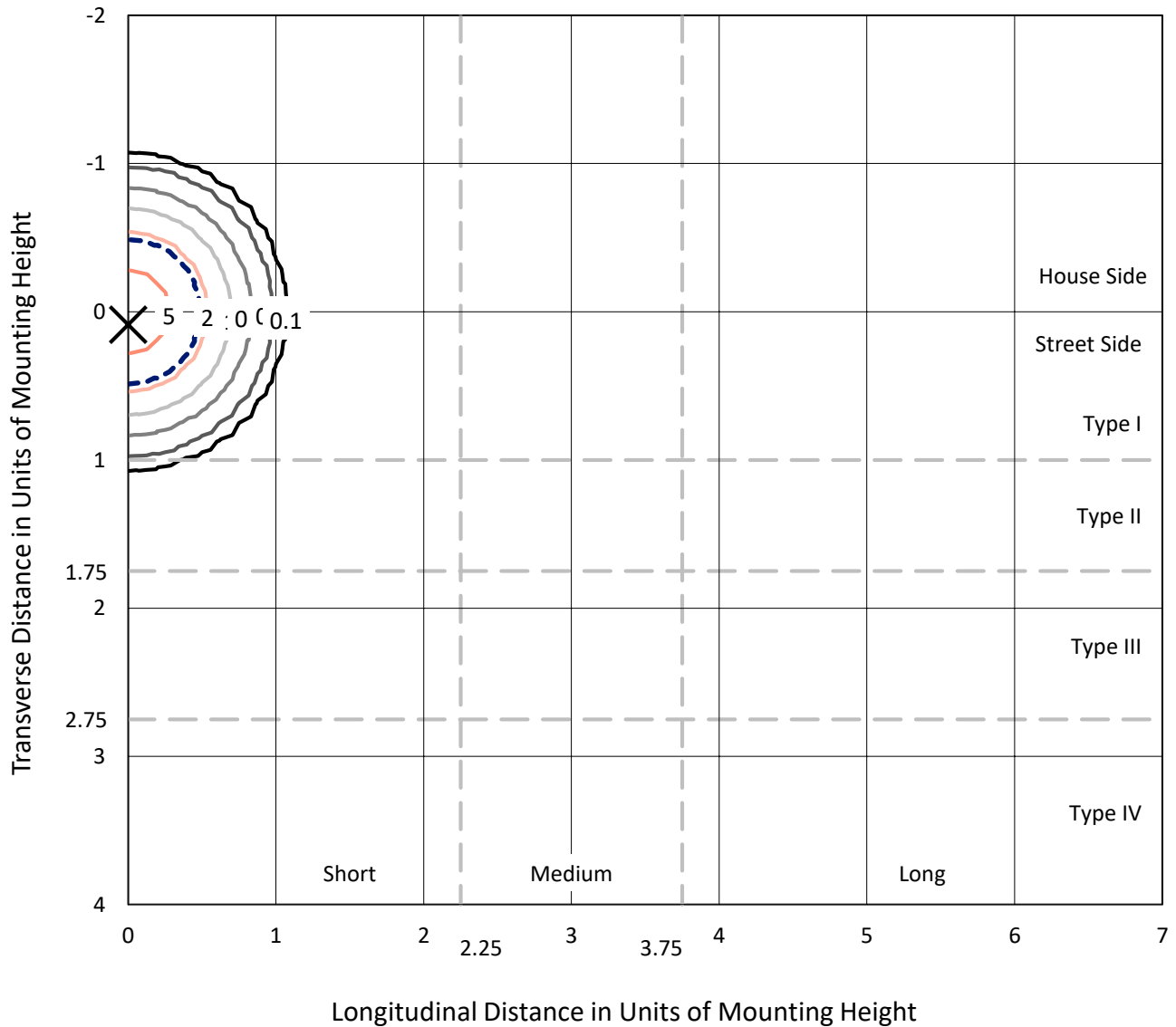
Input Watts (W): 5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P295416
 CATALOG NUMBER: TCRS5W(7030)

Iso-Footcandle Lines of Horizontal Illumination

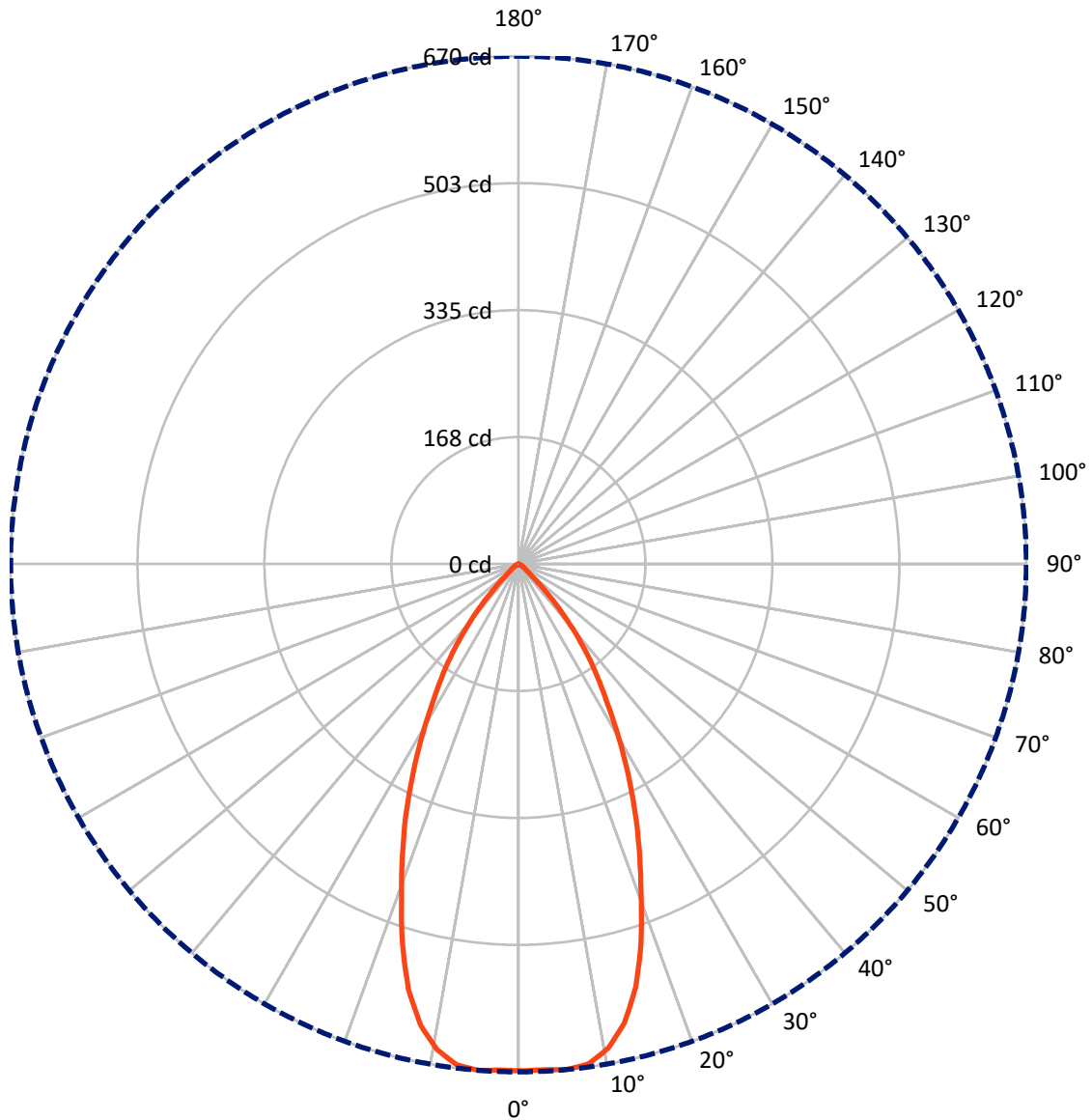
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.7 fc
 Type V - Short - Full Cutoff

REPORT NUMBER: P295416
CATALOG NUMBER: TCRS5W(7030)

Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 5-Deg Vertical

REPORT NUMBER: P295416
 CATALOG NUMBER: TCRS5W(7030)

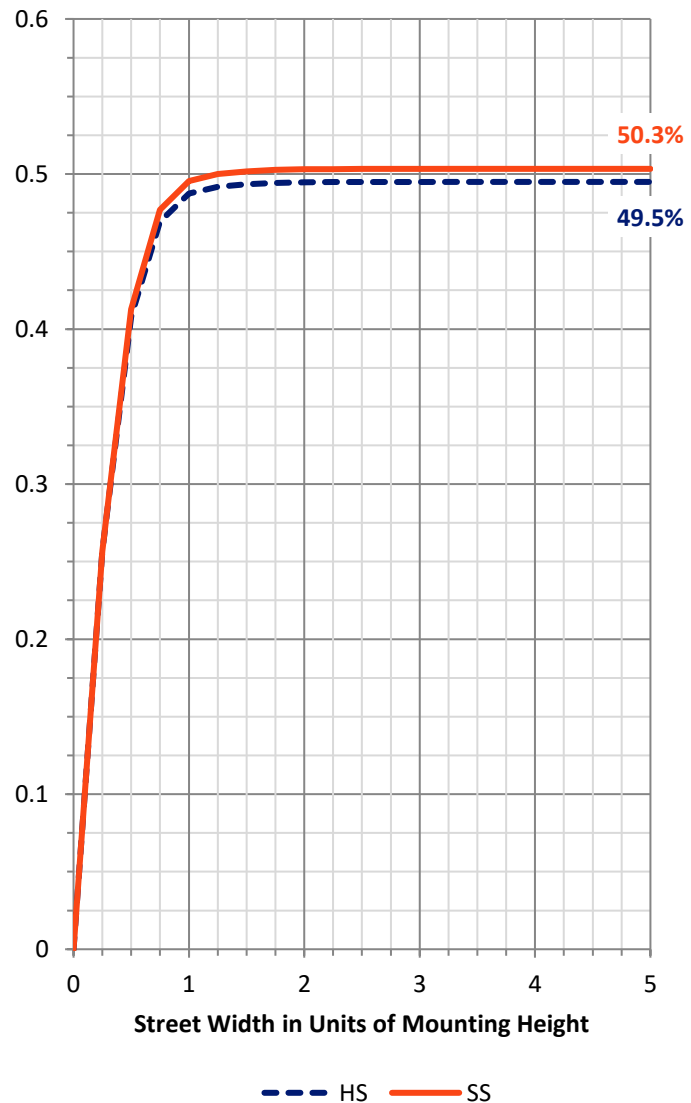
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	271.1	0.0	271.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	271.1	0.0	271.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	542.2	0.0	542.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.4	11.7
10°-20°	158.8	29.3
20°-30°	162.0	29.9
30°-40°	108.8	20.1
40°-50°	37.9	7.0
50°-60°	8.8	1.6
60°-70°	2.5	0.5
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	542.2	100.0
0°-180°	542.2	100.0



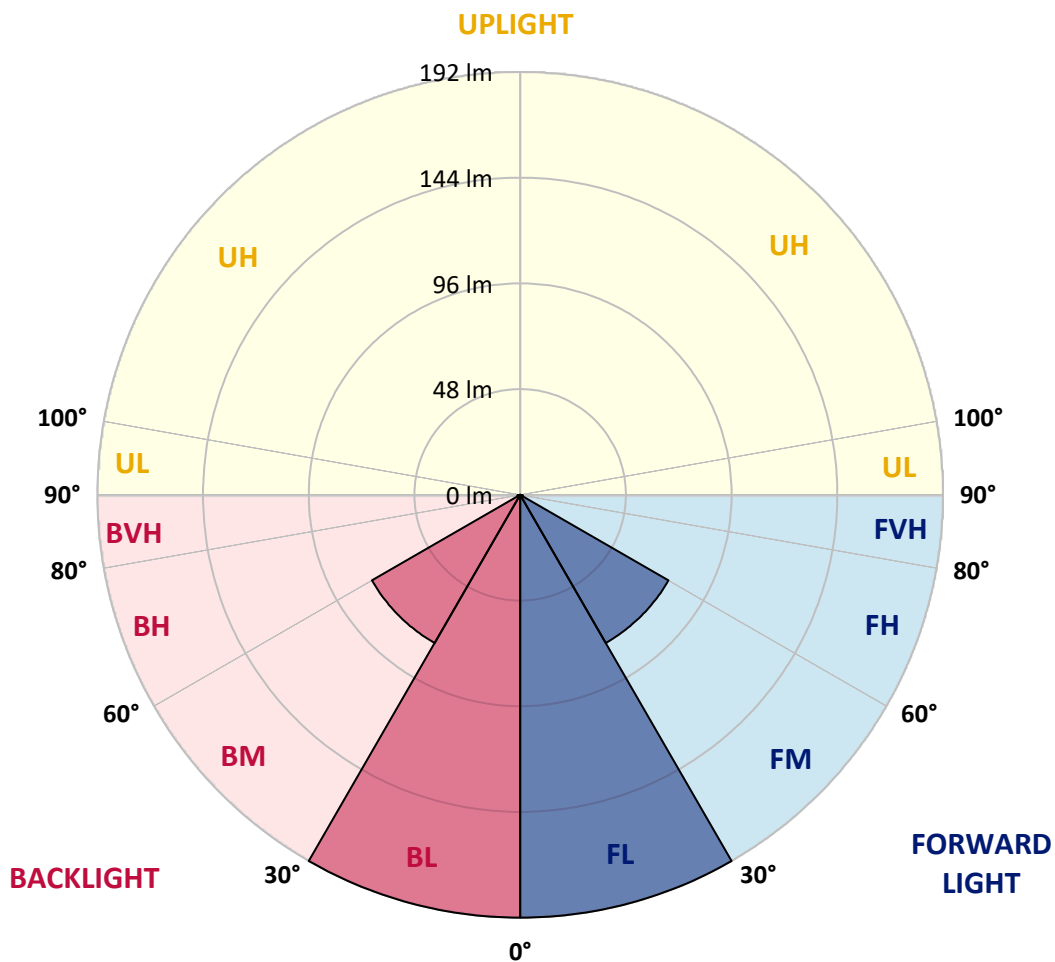
REPORT NUMBER: P295416
 CATALOG NUMBER: TCRS5W(7030)

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	192.1	35.4			
FM	(30°-60°)	77.8	14.3			
FH	(60°-80°)	1.3	0.2			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	192.1	35.4	B1/500		
BM	(30°-60°)	77.8	14.3	B0/220		
BH	(60°-80°)	1.3	0.2	B0/110		G0/660
BVH	(80°-90°)	0.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G0

Type V Short



REPORT NUMBER: P295416
CATALOG NUMBER: TCRS5W(7030)

CANDELA DISTRIBUTION (FULL):

	0°
0°	668.6
2.5°	667.9
5°	670.0
7.5°	665.8
10°	649.6
12.5°	621.4
15°	579.1
17.5°	523.5
20°	461.5
22.5°	407.2
25°	355.1
27.5°	303.6
30°	255.0
32.5°	210.6
35°	174.7
37.5°	139.5
40°	104.3
42.5°	72.6
45°	43.7
47.5°	24.7
50°	15.5
52.5°	12.0
55°	9.2
57.5°	7.7
60°	5.6
62.5°	3.5
65°	2.1
67.5°	1.4
70°	0.7
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)