

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: P295422

Luminaire Tested: **TCRS8W(7030)**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P295422  
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: TCRS8W(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: 831.3 lumens  
Efficiency: N/A  
Efficacy: 103.9 lumens/watt  
Luminous Opening: Circular (Dia: 0.17' x H: 0')  
IES Classification: Type V - Short - Full Cutoff  
BUG Rating: B1 - U0 - G0

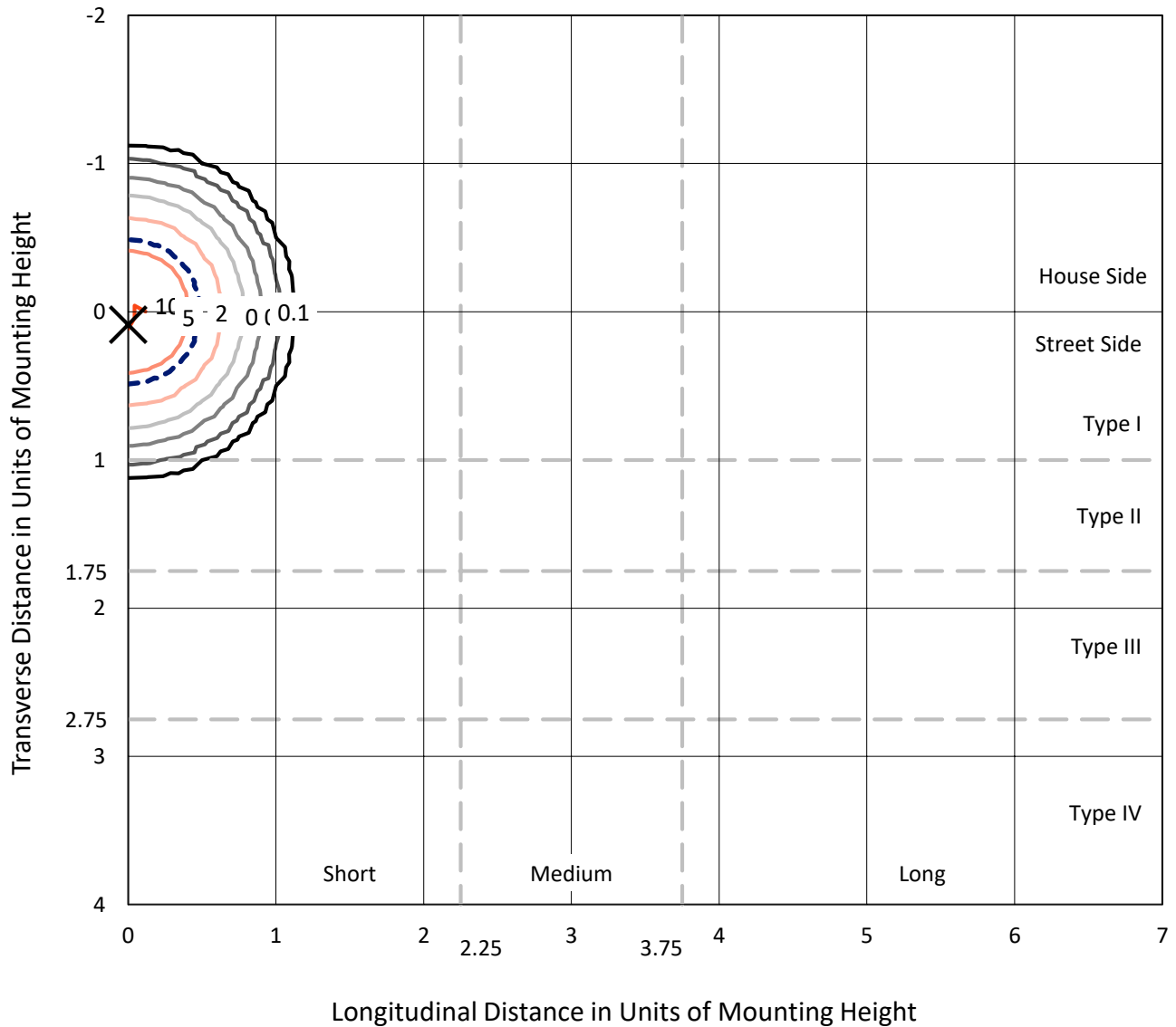
Input Watts (W): 8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

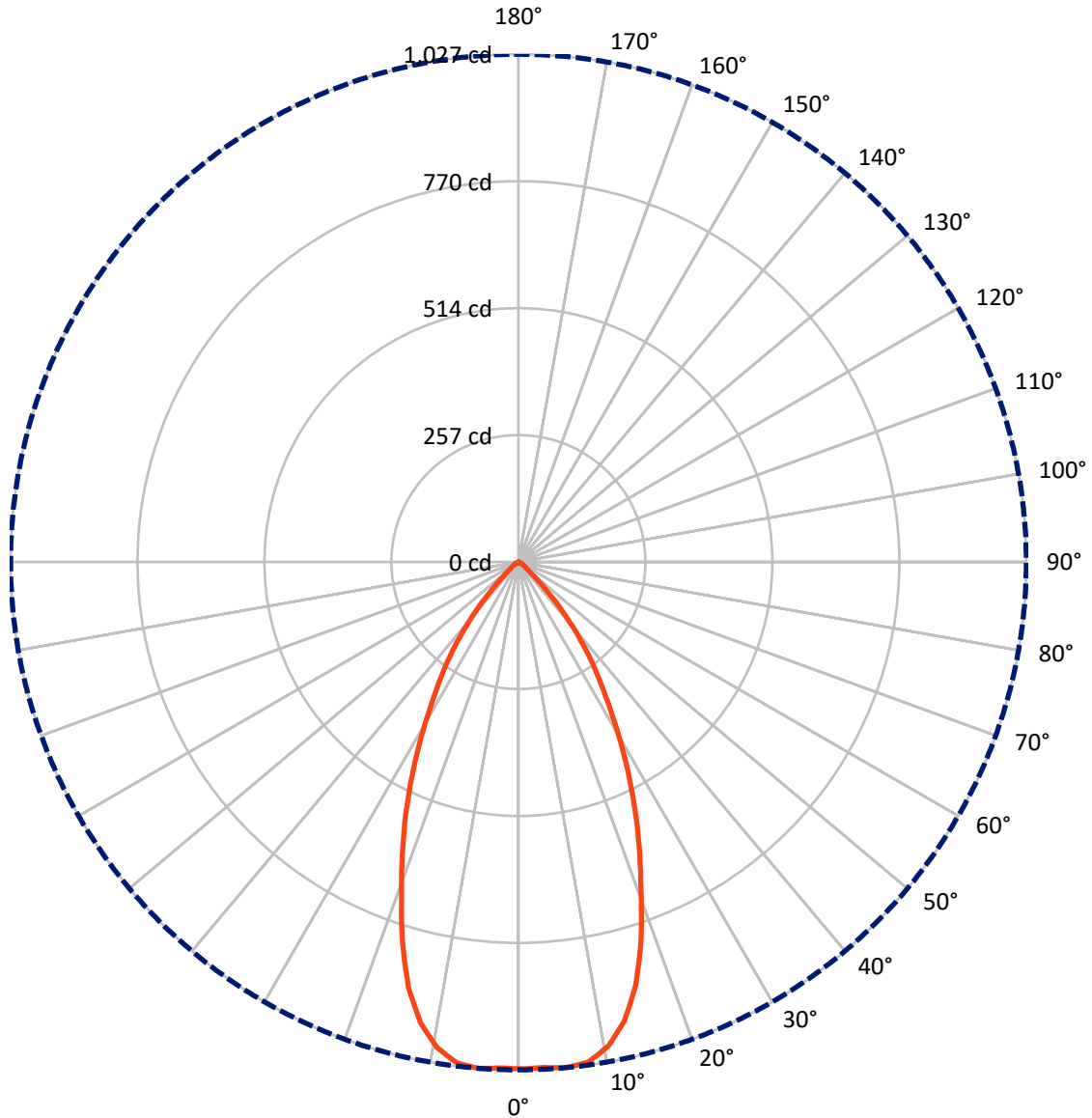
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.2 fc  
 Type V - Short - Full Cutoff

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### Luminous Intensity Polar Plot



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

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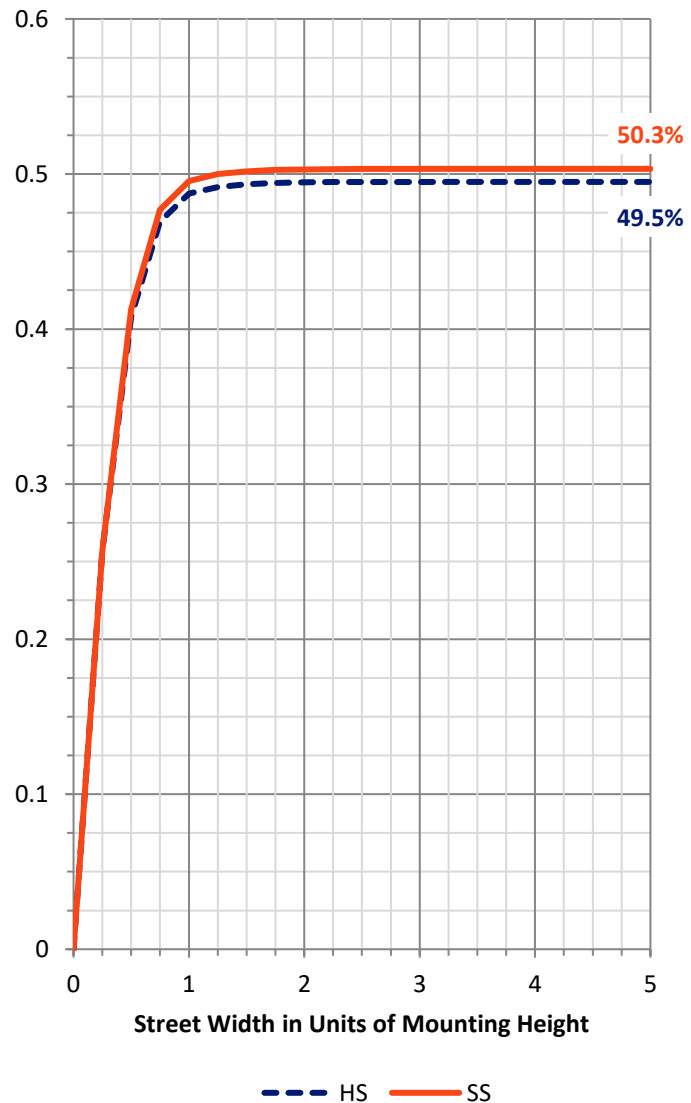
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	415.7	0.0	415.7
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	415.7	0.0	415.7
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	831.3	0.0	831.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	97.1	11.7
10°-20°	243.4	29.3
20°-30°	248.4	29.9
30°-40°	166.9	20.1
40°-50°	58.1	7.0
50°-60°	13.4	1.6
60°-70°	3.8	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°	831.3	100.0
0°-180°	831.3	100.0



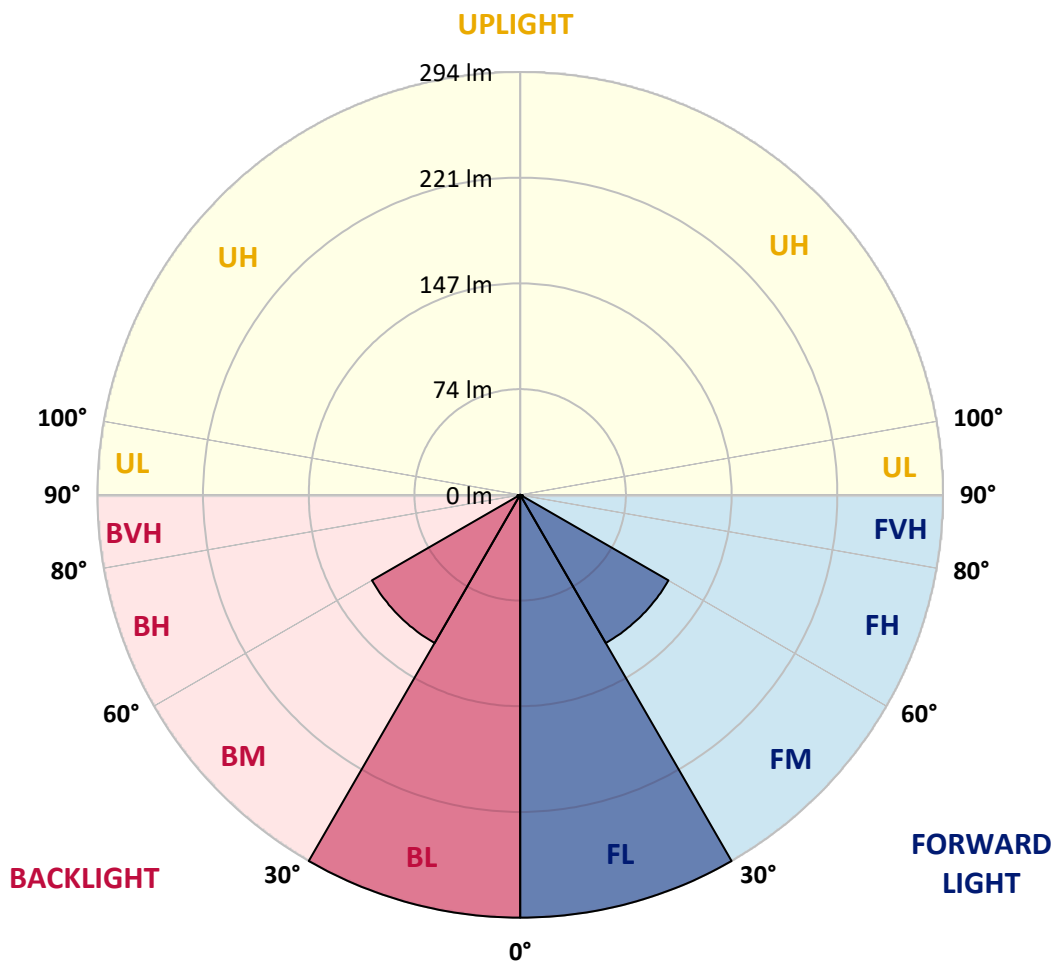
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	294.5	35.4			
FM	(30°-60°)	119.2	14.3			
FH	(60°-80°)	2.0	0.2			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	294.5	35.4	B1/500		
BM	(30°-60°)	119.2	14.3	B0/220		
BH	(60°-80°)	2.0	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





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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	1025.0
2.5°	1023.9
5°	1027.2
7.5°	1020.7
10°	995.8
12.5°	952.6
15°	887.8
17.5°	802.5
20°	707.5
22.5°	624.3
25°	544.4
27.5°	465.5
30°	391.0
32.5°	322.9
35°	267.9
37.5°	213.9
40°	159.9
42.5°	111.2
45°	67.0
47.5°	37.8
50°	23.8
52.5°	18.4
55°	14.0
57.5°	11.9
60°	8.6
62.5°	5.4
65°	3.2
67.5°	2.2
70°	1.1
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)