

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: P295420

Luminaire Tested: **TCRS8S(7030)**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P295420  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1903-222-1)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: TCRS8S(7030)  
Description: TRACER SMALL, STANDARD TRIM NEMA 3x3  
Light Source: (6) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 785.1 lumens  
Efficiency: N/A  
Efficacy: 98.1 lumens/watt  
Luminous Opening: Circular (Dia: 0.17' x H: 0')  
IES Classification: Type V - Short - Full Cutoff  
BUG Rating: B1 - U0 - G0

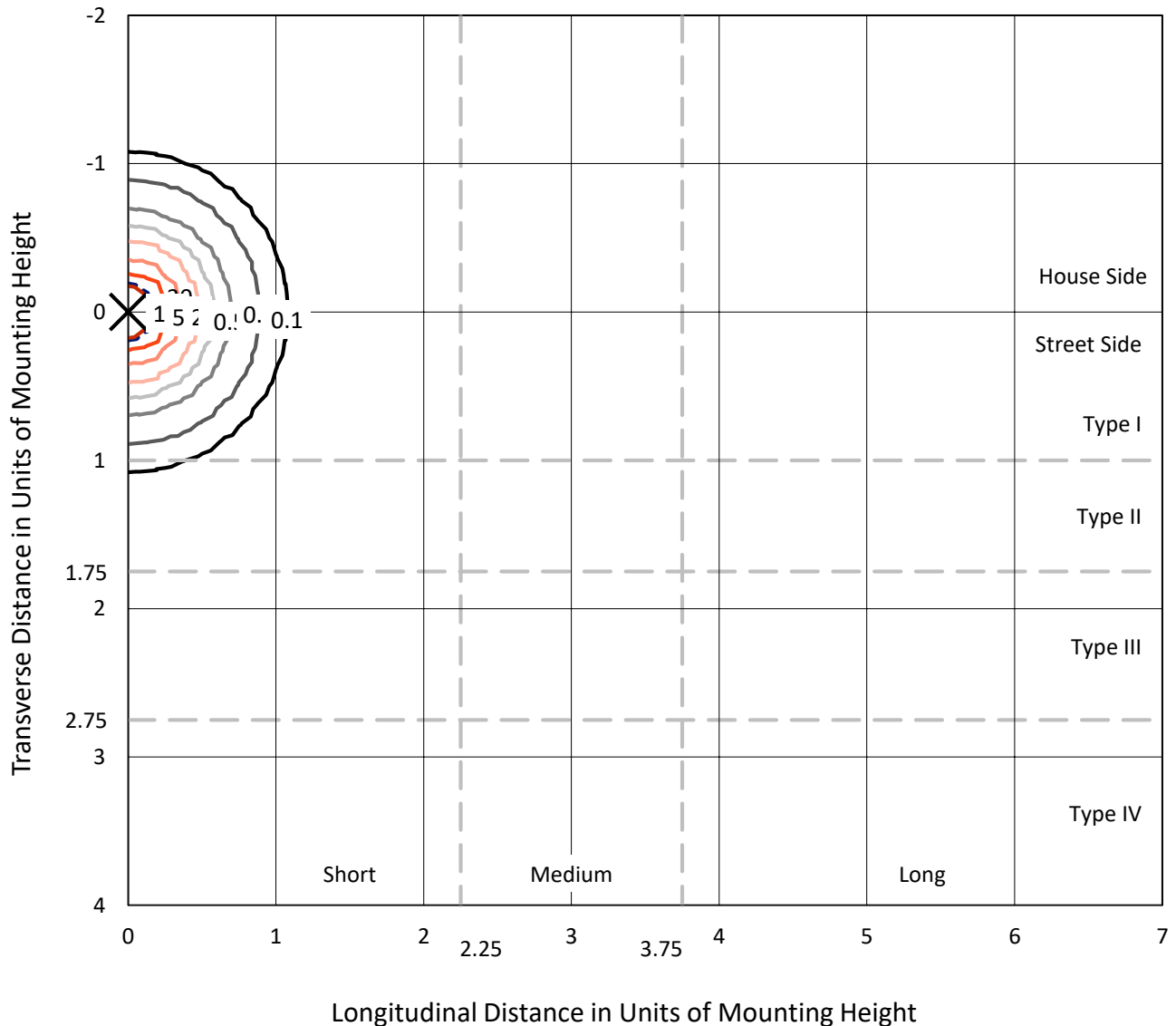
Input Watts (W): 8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

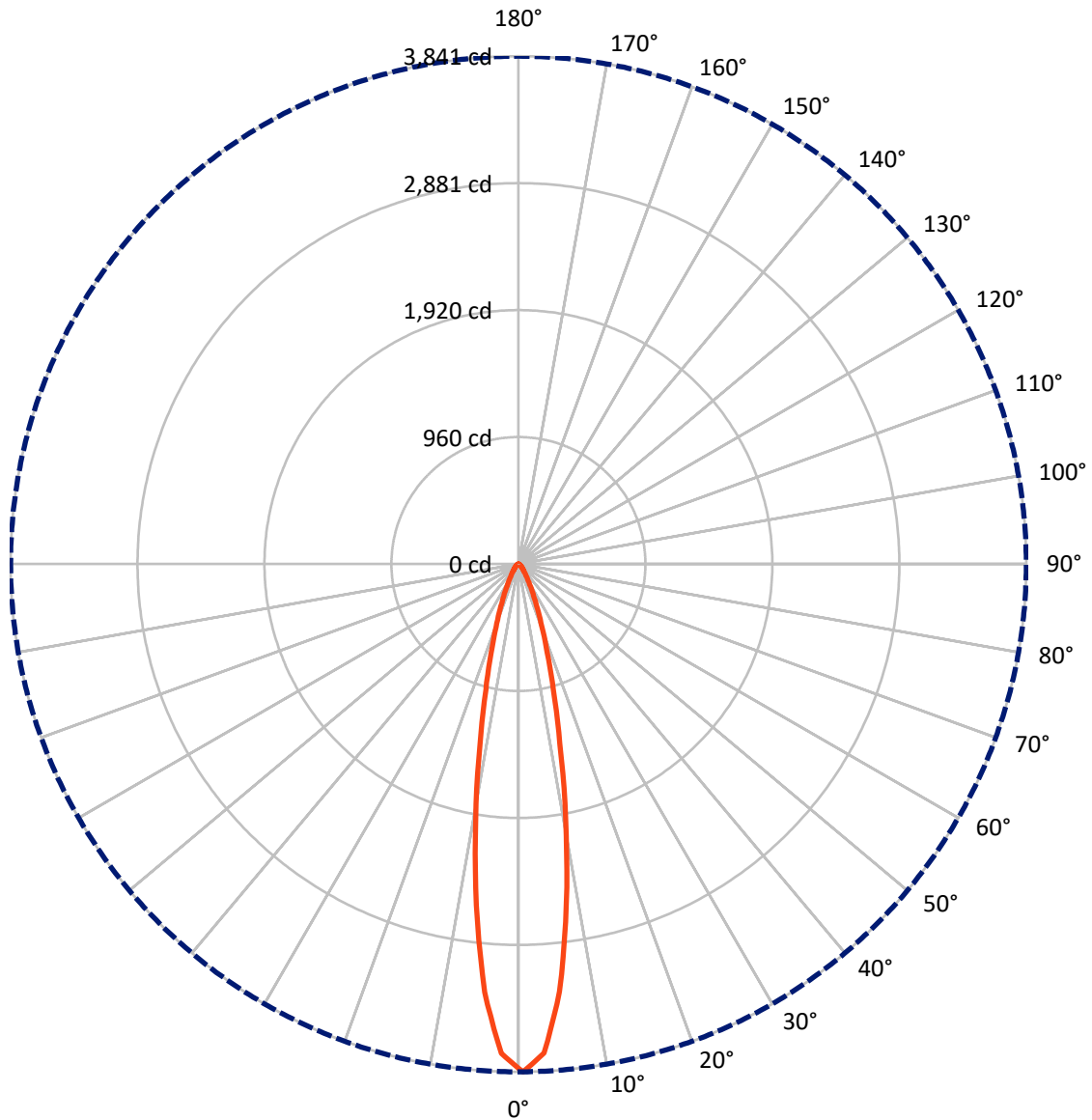
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 38.4 fc  
 Type V - Short - Full Cutoff

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### Luminous Intensity Polar Plot



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

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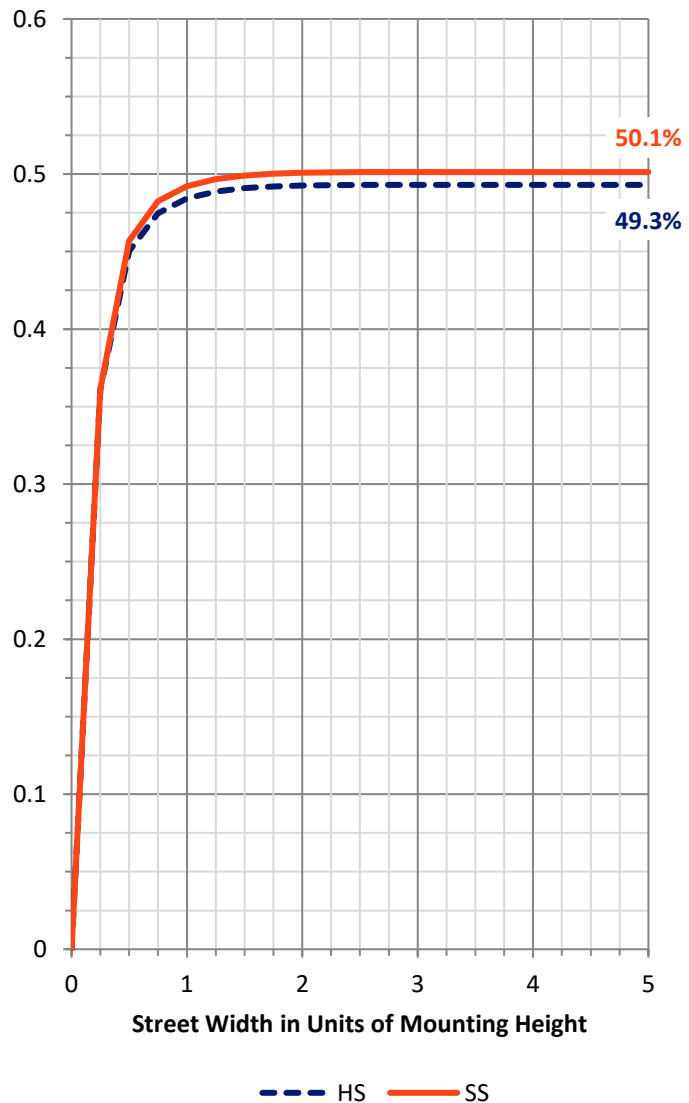
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	392.5	0.0	392.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	392.5	0.0	392.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	785.1	0.0	785.1
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	267.1	34.0
10°-20°	284.7	36.3
20°-30°	128.7	16.4
30°-40°	54.6	7.0
40°-50°	28.9	3.7
50°-60°	15.7	2.0
60°-70°	5.3	0.7
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°	785.1	100.0
0°-180°	785.1	100.0

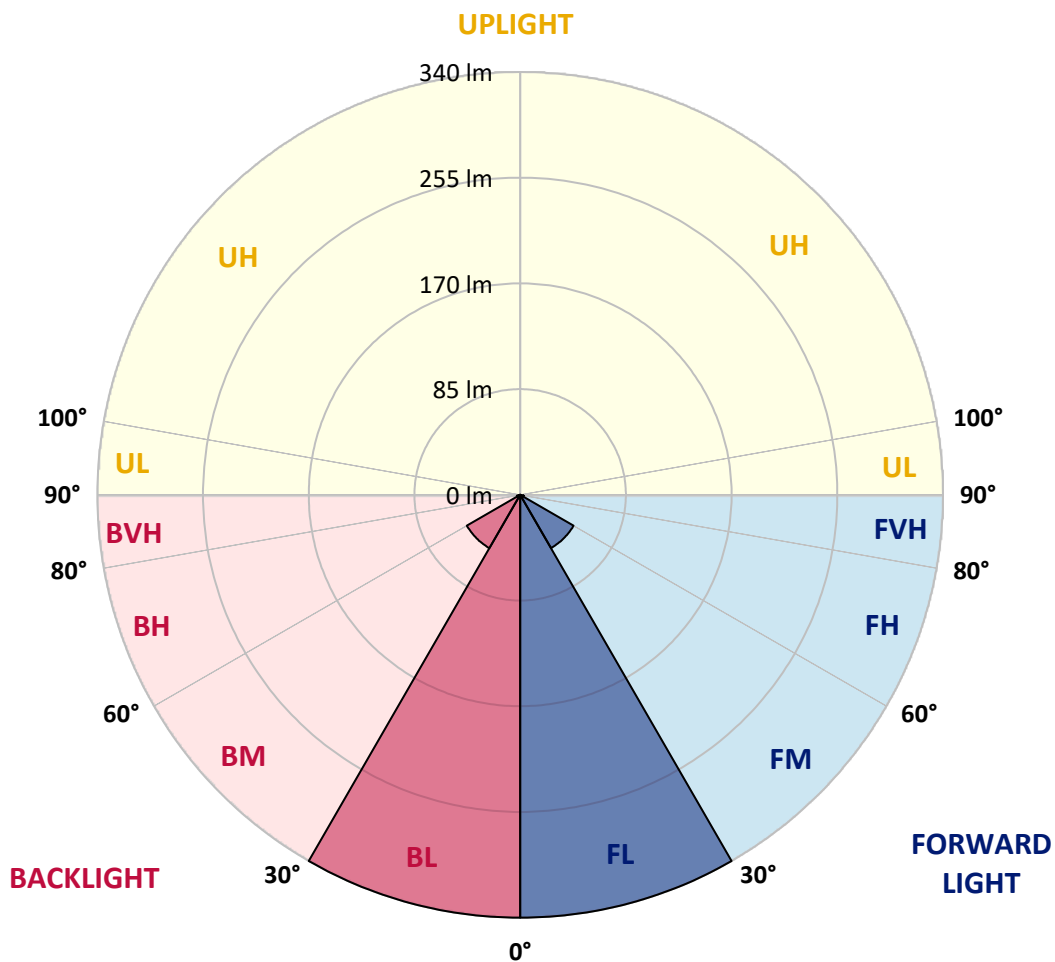


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	340.3	43.3			
FM	(30°-60°)	49.6	6.3			
FH	(60°-80°)	2.7	0.3			G0/660
FVH	(80°-90°)	0.0	0.0			G0/10
BL	(0°-30°)	340.3	43.3	B1/500		
BM	(30°-60°)	49.6	6.3	B0/220		
BH	(60°-80°)	2.7	0.3	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°	3840.9
2.5°	3703.1
5°	3248.0
7.5°	2601.7
10°	1953.4
12.5°	1391.6
15°	984.0
17.5°	701.6
20°	505.6
22.5°	366.8
25°	266.9
27.5°	196.0
30°	142.7
32.5°	107.7
35°	82.5
37.5°	66.0
40°	53.4
42.5°	44.6
45°	36.9
47.5°	30.1
50°	25.2
52.5°	21.3
55°	17.5
57.5°	13.6
60°	10.7
62.5°	7.8
65°	4.9
67.5°	2.9
70°	1.0
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)