

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: P295388

Luminaire Tested: **TCRL26M(7030)**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P295388  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-6)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: TCRL26M(7030)  
Description: TRACER LARGE, STANDARD TRIM NEMA 4x4  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2854.3 lumens  
Efficiency: N/A  
Efficacy: 113.7 lumens/watt  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
IES Classification: Type V - Short - Full Cutoff  
BUG Rating: B3 - U0 - G0

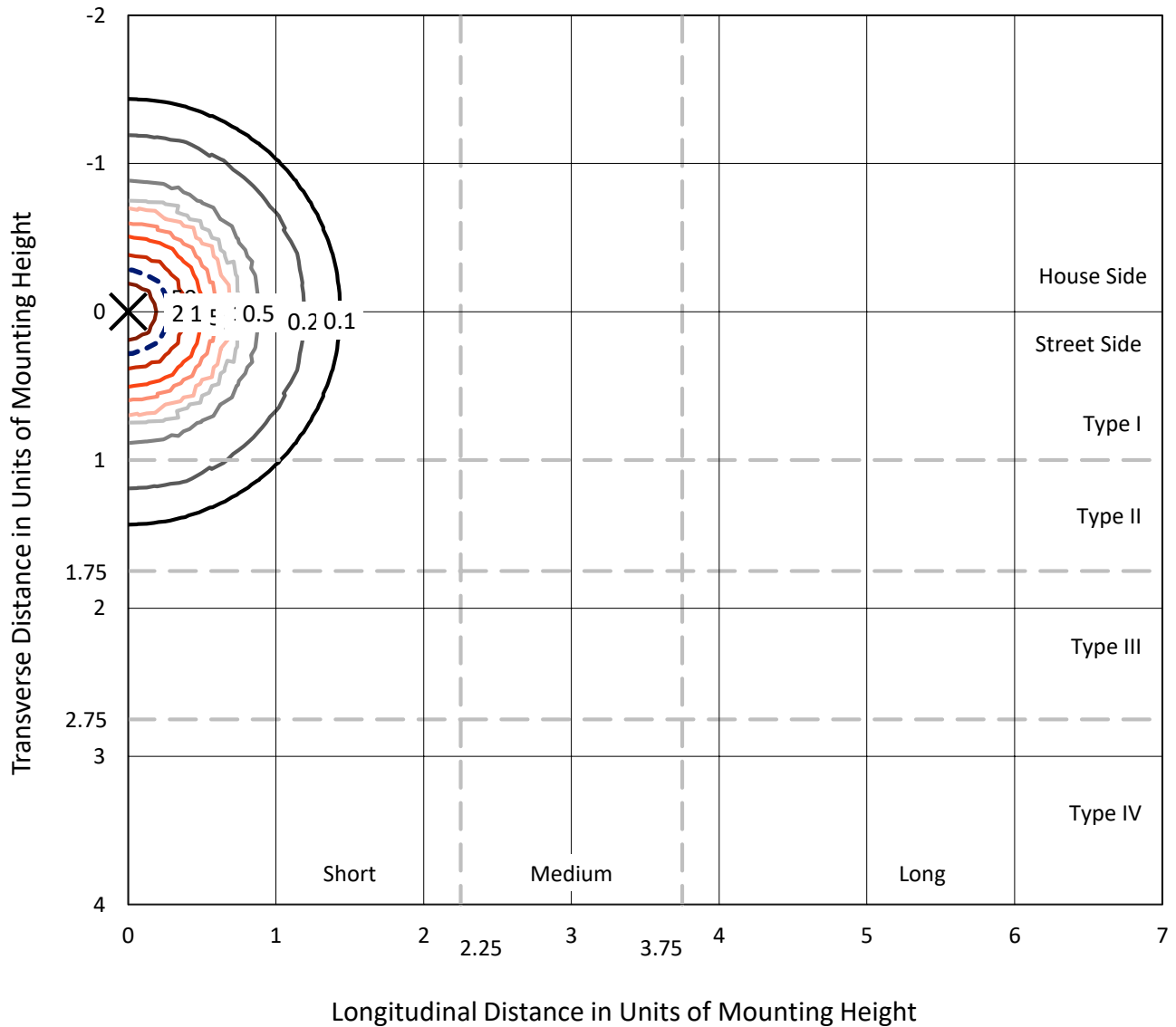
Input Watts (W): 25.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

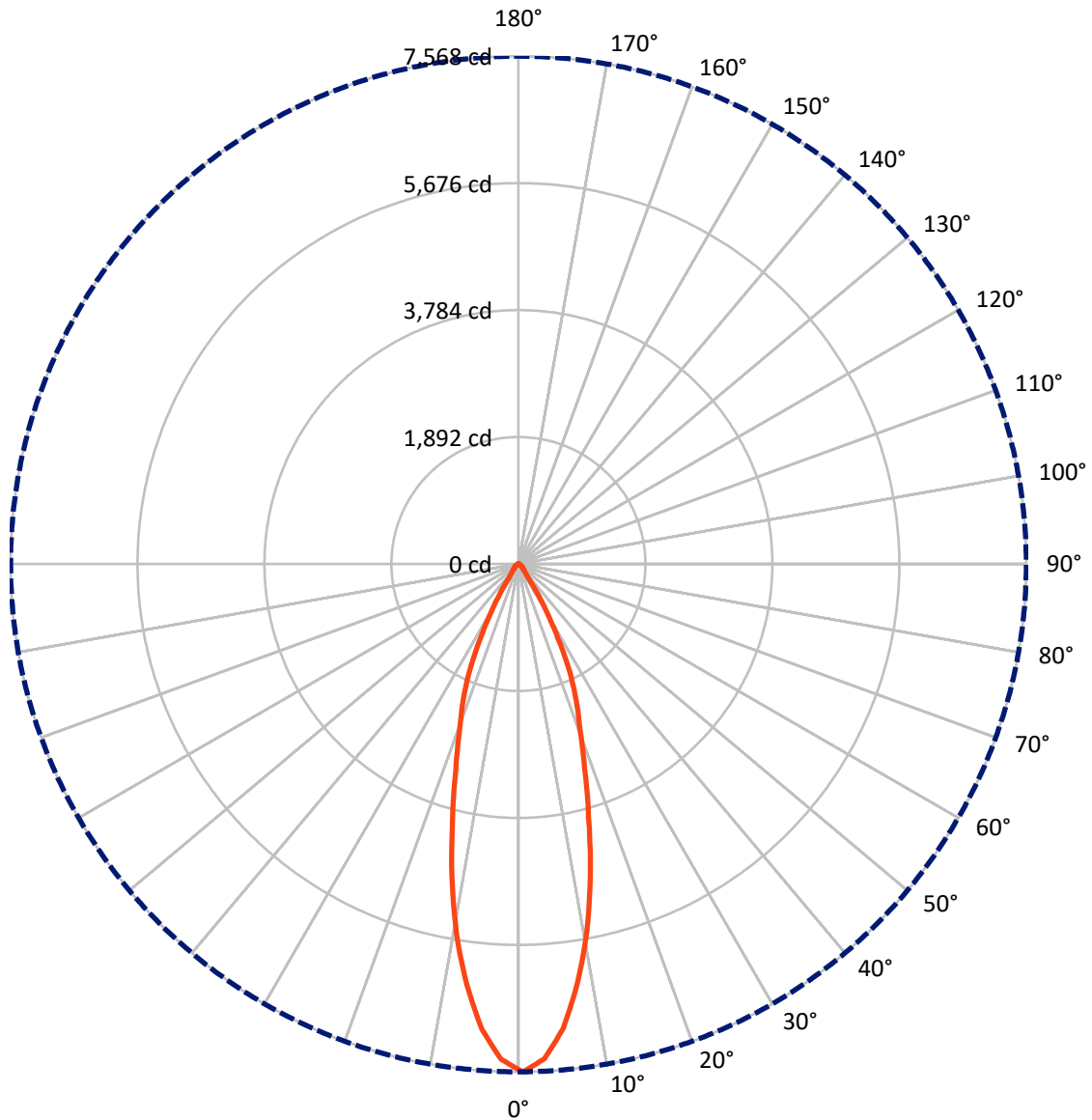
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 75.7 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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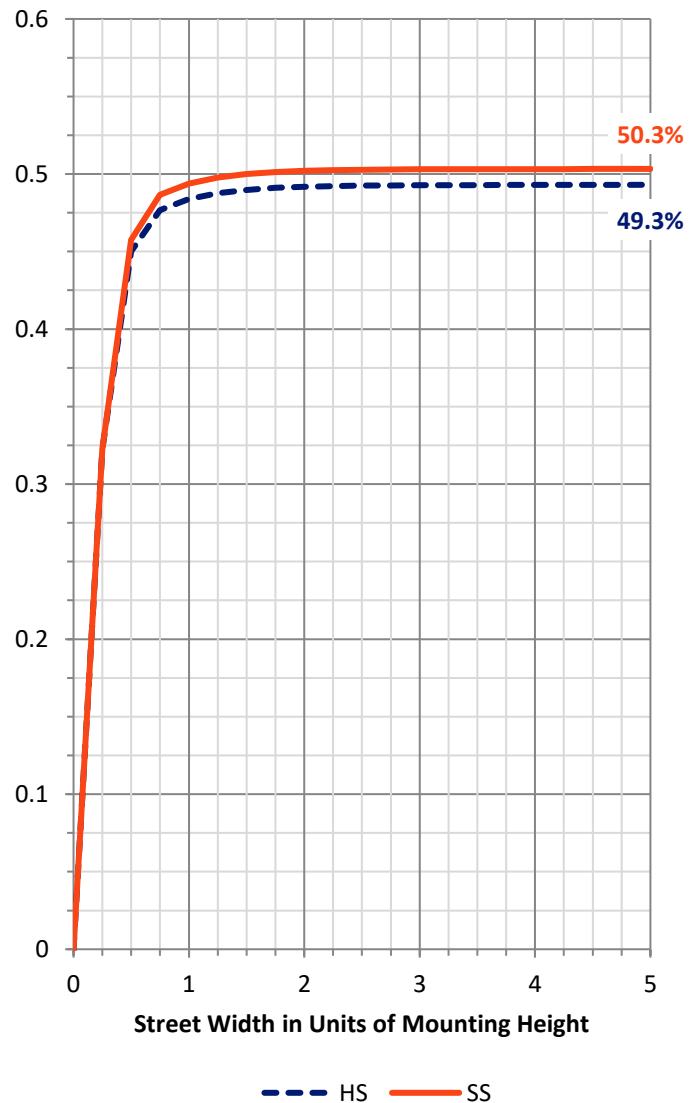
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1427.1	0.0	1427.1
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1427.1	0.0	1427.1
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	2854.3	0.0	2854.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	619.3	21.7
10°-20°	1087.6	38.1
20°-30°	780.4	27.3
30°-40°	212.3	7.4
40°-50°	74.5	2.6
50°-60°	49.1	1.7
60°-70°	24.9	0.9
70°-80°	5.1	0.2
80°-90°	1.1	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°	2854.3	100.0
0°-180°	2854.3	100.0



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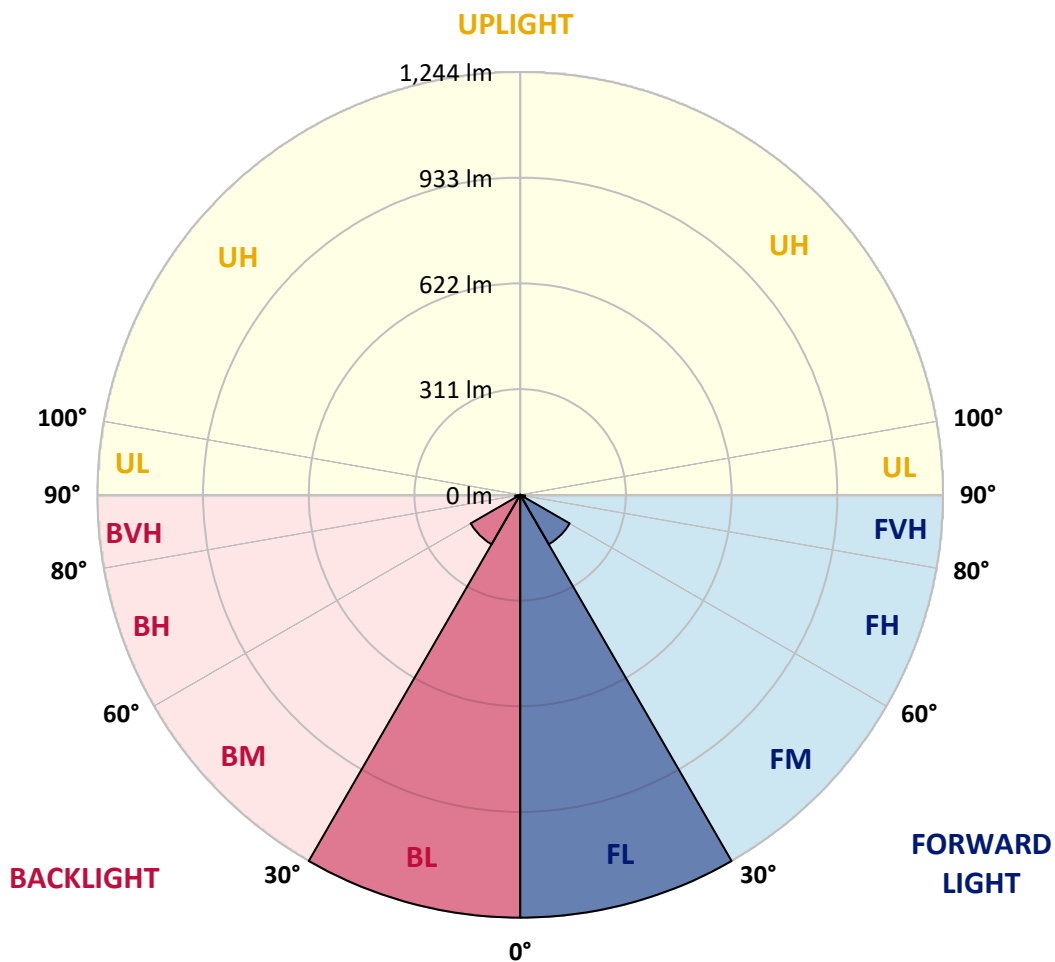
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1243.6	43.6			
FM	(30°-60°)	168.0	5.9			
FH	(60°-80°)	15.0	0.5			G0/660
FVH	(80°-90°)	0.5	0.0			G0/10
BL	(0°-30°)	1243.6	43.6	B3/2500		
BM	(30°-60°)	168.0	5.9	B0/220		
BH	(60°-80°)	15.0	0.5	B0/110		G0/660
BVH	(80°-90°)	0.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G0**

Type V Short



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**CANDELA DISTRIBUTION (FULL):**

	0°
0°	7568.4
2.5°	7384.5
5°	6953.8
7.5°	6310.8
10°	5590.2
12.5°	4762.5
15°	3913.2
17.5°	3187.4
20°	2616.9
22.5°	2201.7
25°	1772.8
27.5°	1258.4
30°	832.0
32.5°	504.0
35°	247.7
37.5°	172.6
40°	130.3
42.5°	110.5
45°	94.1
47.5°	78.5
50°	79.4
52.5°	63.9
55°	54.4
57.5°	40.6
60°	44.0
62.5°	37.1
65°	22.4
67.5°	11.2
70°	17.3
72.5°	4.3
75°	3.5
77.5°	0.0
80°	6.0
82.5°	0.0
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)