

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: P295406

Luminaire Tested: **TCRL26M(7030)-VISOR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P295406  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-14)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: TCRL26M(7030)-VISOR  
Description: TRACER LARGE, VISOR NEMA 4x4  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2753.3 lumens  
Efficiency: N/A  
Efficacy: 109.7 lumens/watt  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
IES Classification: Type I - Short - Full Cutoff  
BUG Rating: B3 - U0 - G0

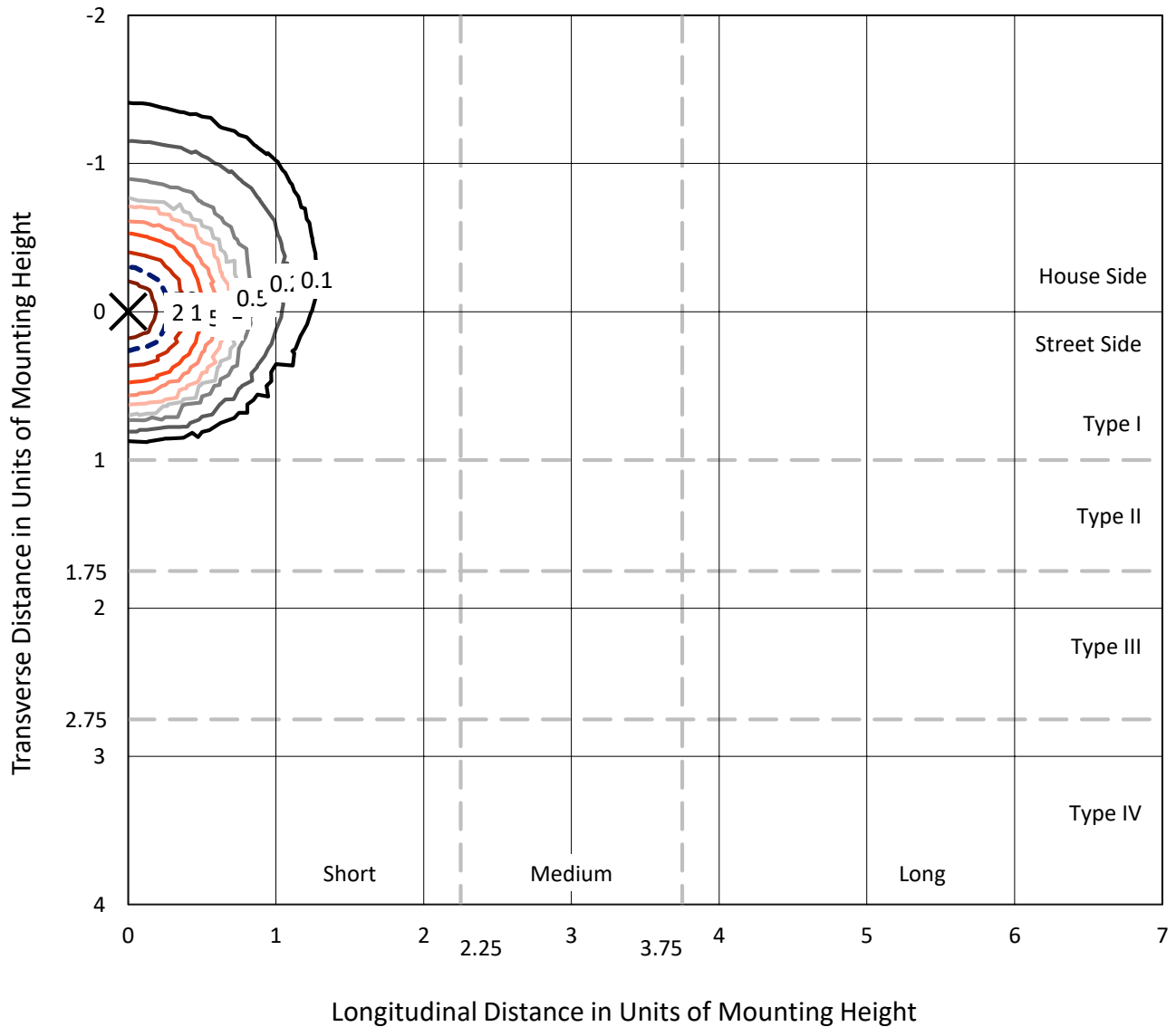
Input Watts (W): 25.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

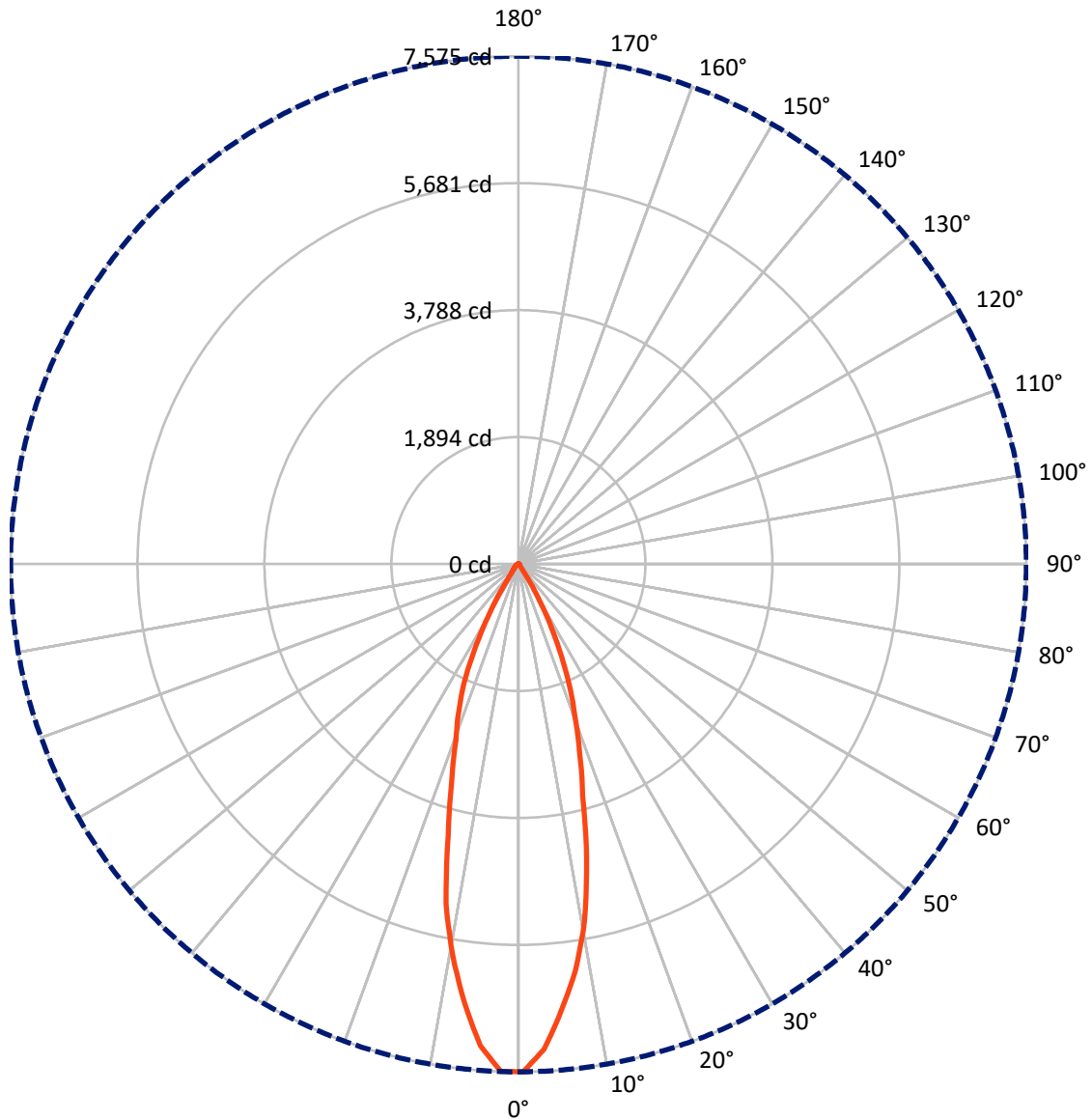
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 75.8 fc  
 Type I - 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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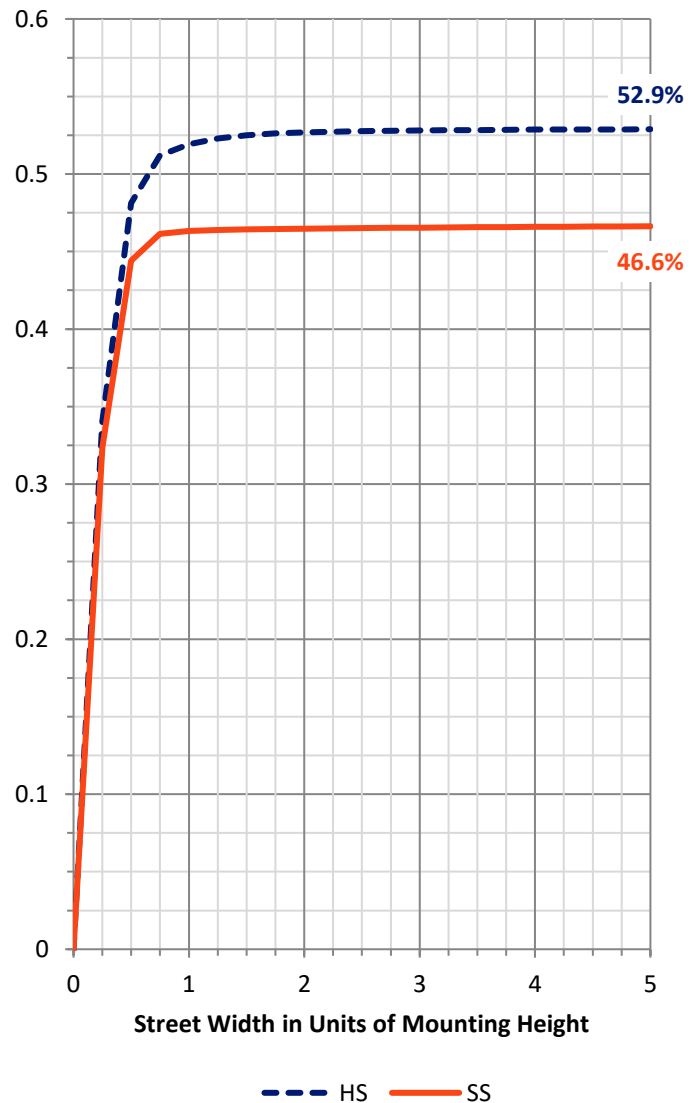
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1477.2	0.0	1477.2
	% Fixture	53.7	0.0	53.7
<b>Street Side</b>	Lumens	1276.1	0.0	1276.1
	% Fixture	46.3	0.0	46.3
<b>Total</b>	Lumens	2753.3	0.0	2753.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	621.6	22.6
10°-20°	1086.5	39.5
20°-30°	760.8	27.6
30°-40°	185.1	6.7
40°-50°	47.1	1.7
50°-60°	26.6	1.0
60°-70°	11.3	0.4
70°-80°	9.7	0.4
80°-90°	4.6	0.2
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°	2753.3	100.0
0°-180°	2753.3	100.0



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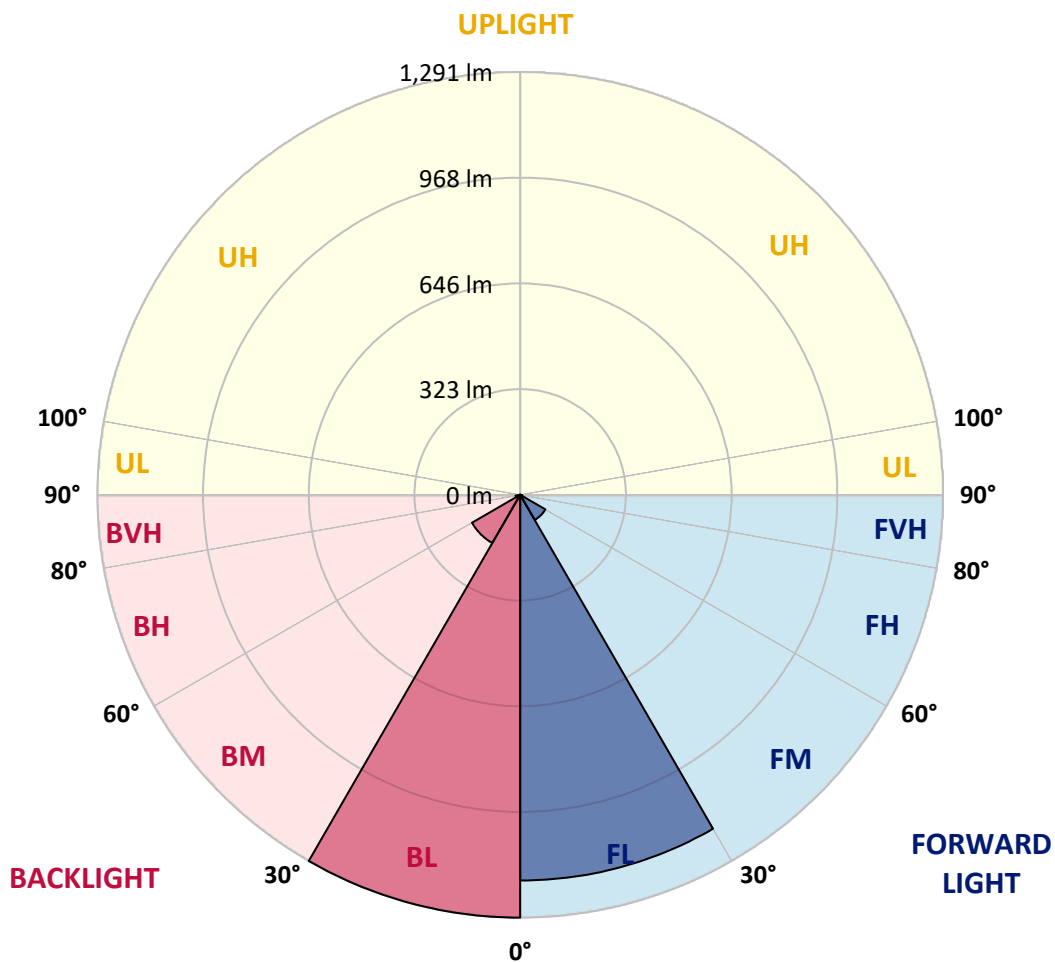
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1177.7	42.8			
FM	(30°-60°)	88.7	3.2			
FH	(60°-80°)	7.1	0.3			G0/660
FVH	(80°-90°)	2.5	0.1			G0/10
BL	(0°-30°)	1291.2	46.9	B3/2500		
BM	(30°-60°)	170.1	6.2	B0/220		
BH	(60°-80°)	13.9	0.5	B0/110		G0/110
BVH	(80°-90°)	2.0	0.1			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 I Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	7575.1	7575.1	7575.1	7575.1	7575.1	7575.1	7575.1	7575.1	7575.1
2.5°	7249.8	7328.3	7325.7	7326.6	7412.9	7368.9	7565.6	7501.8	7570.0
5°	6689.7	6860.6	6941.7	6860.6	6980.5	7003.0	7053.0	7137.6	7205.8
7.5°	6118.4	6224.6	6199.6	6255.7	6315.2	6374.7	6482.6	6497.3	6594.8
10°	5416.0	5484.2	5550.6	5435.0	5562.7	5636.9	5781.9	5798.3	5926.0
12.5°	4518.5	4616.0	4605.7	4642.8	4777.4	4796.4	4928.4	5041.5	5184.7
15°	3588.2	3721.1	3786.7	3787.6	3884.2	3973.1	4080.1	4119.8	4183.7
17.5°	2953.9	2997.1	3017.8	3079.9	3152.4	3228.4	3319.8	3344.9	3407.0
20°	2393.9	2418.9	2527.6	2538.0	2616.5	2650.2	2726.1	2774.4	2788.2
22.5°	1922.7	1949.4	2029.7	2120.3	2161.7	2228.2	2292.0	2308.4	2379.2
25°	1424.8	1447.2	1552.5	1653.4	1758.7	1817.4	1918.4	1958.1	1952.9
27.5°	965.7	936.3	1013.1	1168.5	1278.1	1335.0	1379.0	1405.8	1451.5
30°	568.7	555.8	630.0	717.1	844.0	884.5	918.2	965.7	980.3
32.5°	278.7	297.7	326.2	410.8	479.8	524.7	556.6	604.1	619.6
35°	101.0	111.3	140.7	179.5	213.2	264.1	279.6	299.4	302.0
37.5°	41.4	51.8	84.6	103.6	126.0	145.0	163.1	167.4	177.8
40°	38.8	50.1	62.1	90.6	111.3	140.7	145.0	145.0	142.4
42.5°	6.0	20.7	35.4	57.8	80.3	86.3	107.0	105.3	107.0
45°	12.1	12.9	29.3	43.1	66.4	81.1	91.5	91.5	91.5
47.5°	8.6	6.0	16.4	20.7	41.4	68.2	81.1	74.2	76.8
50°	14.7	10.4	26.8	33.7	47.5	70.8	70.8	69.9	65.6
52.5°	0.0	12.1	10.4	22.4	33.7	51.8	60.4	68.2	56.1
55°	12.1	1.7	10.4	7.8	28.5	37.1	53.5	43.1	50.1
57.5°	2.6	0.0	2.6	10.4	20.7	38.8	39.7	41.4	47.5
60°	2.6	7.8	2.6	12.9	20.7	37.1	43.1	41.4	41.4
62.5°	2.6	1.7	6.0	7.8	12.1	22.4	31.1	28.5	32.8
65°	0.0	0.0	1.7	0.0	2.6	8.6	18.1	12.9	23.3
67.5°	8.6	1.7	8.6	4.3	2.6	10.4	14.7	12.9	12.1
70°	0.0	8.6	0.0	8.6	2.6	4.3	12.1	7.8	14.7
72.5°	8.6	12.1	16.4	18.1	8.6	14.7	18.1	14.7	14.7
75°	6.0	10.4	10.4	16.4	12.1	8.6	12.9	10.4	14.7
77.5°	0.0	2.6	1.7	2.6	4.3	0.0	0.0	1.7	0.0
80°	12.1	12.1	18.1	14.7	10.4	10.4	12.1	10.4	12.1
82.5°	6.0	12.1	6.0	7.8	4.3	1.7	6.0	4.3	12.1
85°	0.0	0.0	1.7	0.0	0.0	0.0	0.0	2.6	6.0
87.5°	0.0	2.6	4.3	4.3	6.0	1.7	1.7	4.3	2.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)