

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: P295410

Luminaire Tested: **TCRL26W(7030)-VISOR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P295410  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1902-140-15)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMARK  
Catalog Number: TCRL26W(7030)-VISOR  
Description: TRACER LARGE, VISOR NEMA 5x5  
Light Source: (16) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2759.6 lumens  
Efficiency: N/A  
Efficacy: 109.9 lumens/watt  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
IES Classification: Type I - Short - Full Cutoff  
BUG Rating: B3 - U0 - G0

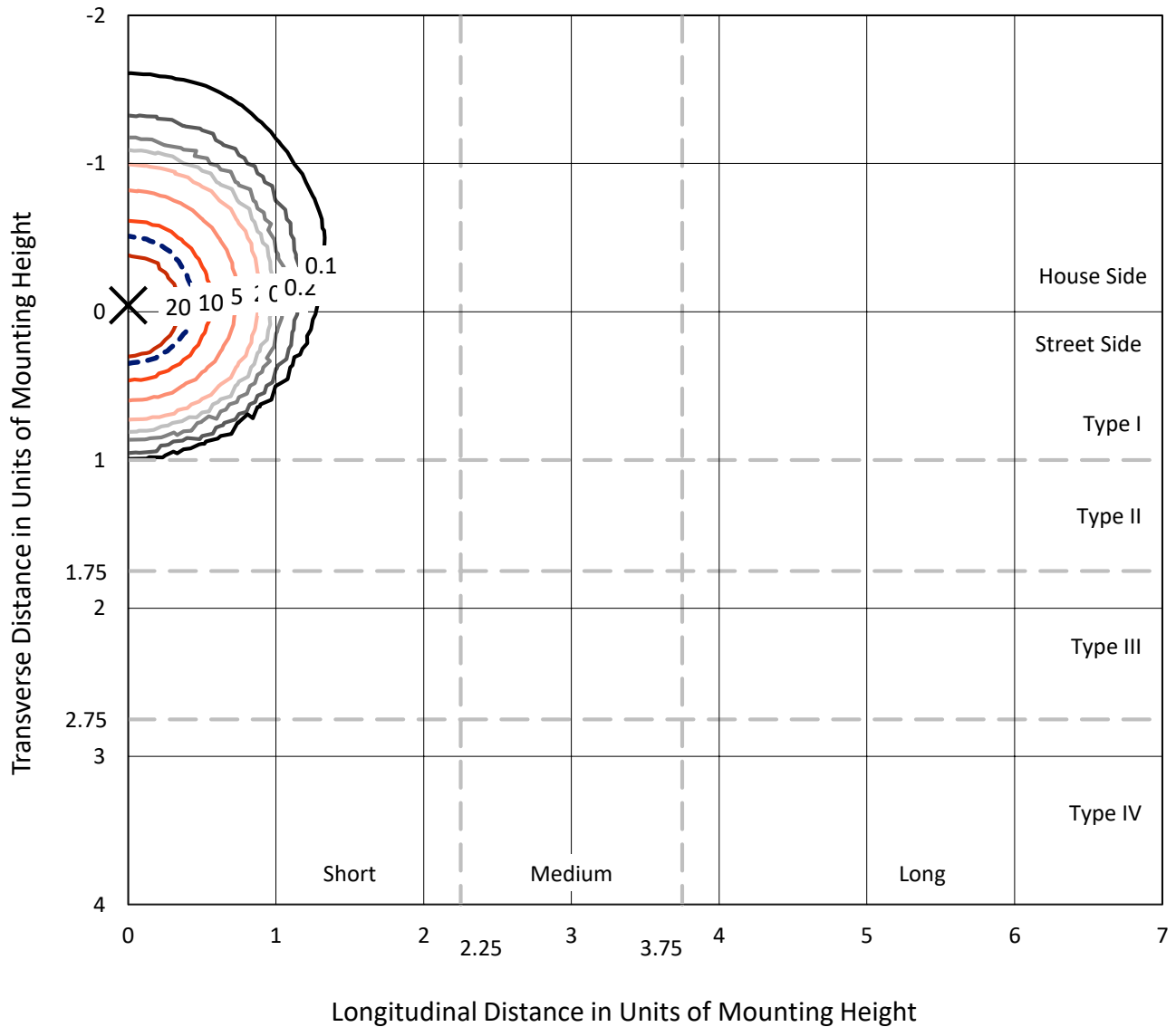
Input Watts (W): 25.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P295410  
 CATALOG NUMBER: TCRL26W(7030)-VISOR

### Iso-Footcandle Lines of Horizontal Illumination

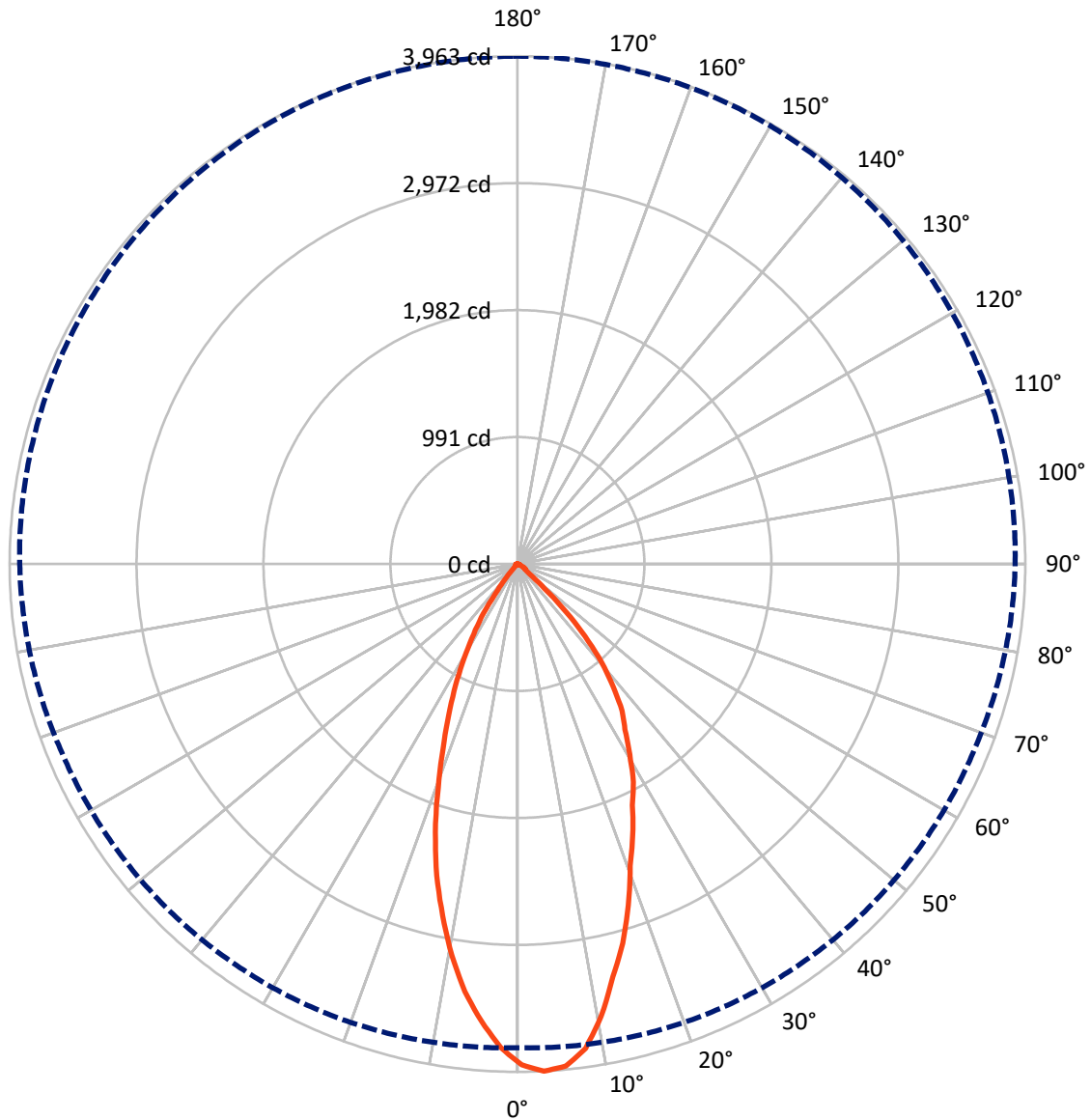
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 39.1 fc  
 Type I - Short - Full Cutoff

REPORT NUMBER: P295410  
CATALOG NUMBER: TCRL26W(7030)-VISOR

### Luminous Intensity Polar Plot



— Vertical Plane Through 180-Deg Lateral    - - - Horizontal Cone Through 2.5-Deg Vertical

REPORT NUMBER: P295410

CATALOG NUMBER: TCRL26W(7030)-VISOR

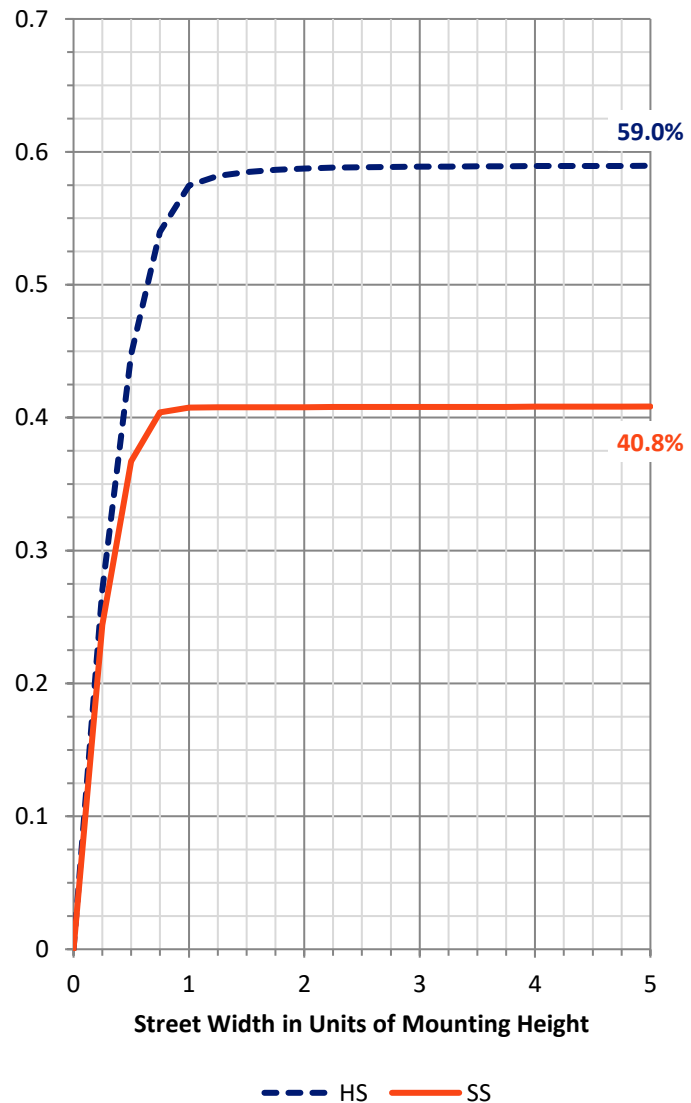
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1641.0	0.0	1641.0
	% Fixture	59.5	0.0	59.5
<b>Street Side</b>	Lumens	1118.6	0.0	1118.6
	% Fixture	40.5	0.0	40.5
<b>Total</b>	Lumens	2759.6	0.0	2759.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	343.8	12.5
10°-20°	765.0	27.7
20°-30°	803.4	29.1
30°-40°	597.3	21.6
40°-50°	200.2	7.3
50°-60°	31.5	1.1
60°-70°	11.7	0.4
70°-80°	4.6	0.2
80°-90°	2.1	0.1
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°	2759.6	100.0
0°-180°	2759.6	100.0



REPORT NUMBER: P295410

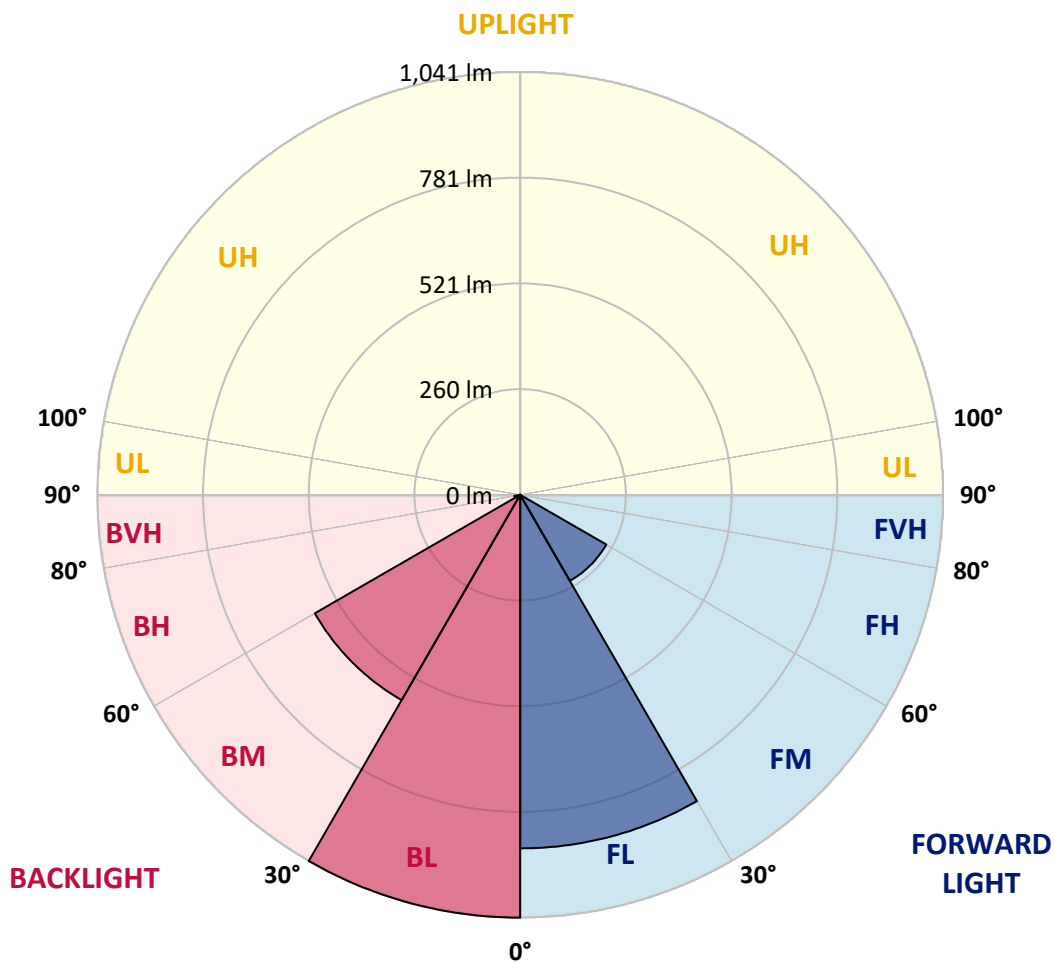
CATALOG NUMBER: TCRL26W(7030)-VISOR

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	870.8	31.6			
FM	(30°-60°)	245.0	8.9			
FH	(60°-80°)	1.9	0.1			G0/660
FVH	(80°-90°)	0.9	0.0			G0/10
BL	(0°-30°)	1041.4	37.7	B3/2500		
BM	(30°-60°)	584.0	21.2	B1/1000		
BH	(60°-80°)	14.4	0.5	B0/110		G0/110
BVH	(80°-90°)	1.2	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 I Short





REPORT NUMBER: P295410

CATALOG NUMBER: TCRL26W(7030)-VISOR

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	3909.3	3909.3	3909.3	3909.3	3909.3	3909.3	3909.3	3909.3	3909.3
2.5°	3774.7	3810.1	3834.0	3848.2	3884.5	3910.2	3933.2	3954.4	3963.3
5°	3580.0	3598.6	3633.1	3692.4	3782.7	3815.5	3888.9	3896.0	3935.8
7.5°	3361.3	3358.7	3359.5	3460.5	3557.8	3607.4	3721.6	3793.3	3817.2
10°	3097.5	3092.2	3125.8	3177.2	3259.5	3348.9	3464.9	3569.4	3589.7
12.5°	2805.4	2818.7	2834.6	2920.5	3021.4	3083.3	3189.6	3276.3	3306.4
15°	2513.2	2525.6	2563.7	2648.7	2752.3	2808.0	2940.8	3036.4	3072.7
17.5°	2191.0	2222.0	2282.2	2381.3	2478.7	2525.6	2673.5	2767.3	2801.8
20°	1853.7	1898.0	1993.6	2158.3	2268.9	2319.4	2385.8	2485.8	2513.2
22.5°	1547.4	1550.1	1713.9	1934.3	2033.4	2109.6	2188.4	2258.3	2303.4
25°	1291.6	1332.3	1445.6	1662.5	1863.5	1929.9	1999.8	2101.6	2084.8
27.5°	1060.5	1117.2	1250.9	1419.1	1666.9	1743.1	1805.0	1890.0	1927.2
30°	841.9	903.0	1026.0	1219.0	1431.5	1563.4	1615.6	1708.5	1726.2
32.5°	644.5	668.4	810.0	1007.4	1223.4	1376.6	1469.5	1535.0	1541.2
35°	468.3	490.4	614.4	839.2	1001.2	1198.6	1295.1	1358.9	1407.6
37.5°	252.3	285.9	439.1	614.4	822.4	1021.6	1124.3	1194.2	1212.8
40°	133.7	158.5	235.5	409.9	597.5	803.8	933.1	1009.2	1018.0
42.5°	48.7	51.3	103.6	220.4	347.9	542.7	699.4	773.7	771.9
45°	23.9	23.9	59.3	104.5	184.1	309.8	445.3	494.0	538.2
47.5°	2.7	2.7	12.4	46.9	88.5	131.0	205.4	254.1	282.4
50°	0.0	0.0	0.0	18.6	48.7	80.6	104.5	114.2	124.8
52.5°	0.0	0.0	0.0	12.4	40.7	56.7	76.1	89.4	91.2
55°	0.0	0.0	1.8	8.0	21.2	57.5	65.5	82.3	69.9
57.5°	0.0	2.7	0.0	6.2	25.7	40.7	56.7	72.6	72.6
60°	0.0	1.8	0.0	0.0	12.4	29.2	44.3	53.1	57.5
62.5°	0.0	0.0	0.0	0.0	0.0	15.0	34.5	39.8	51.3
65°	0.0	2.7	2.7	0.0	8.0	10.6	31.9	40.7	23.9
67.5°	0.0	0.0	0.0	0.0	1.8	2.7	12.4	15.0	18.6
70°	0.0	2.7	1.8	4.4	4.4	4.4	16.8	16.8	21.2
72.5°	0.0	1.8	0.0	2.7	0.0	0.0	8.0	2.7	6.2
75°	0.0	1.8	0.0	1.8	2.7	1.8	10.6	8.9	2.7
77.5°	6.2	8.9	1.8	0.0	1.8	2.7	8.9	12.4	0.0
80°	12.4	2.7	4.4	2.7	4.4	6.2	12.4	2.7	0.0
82.5°	2.7	1.8	0.0	0.0	0.0	0.0	4.4	8.0	0.0
85°	6.2	4.4	4.4	0.0	1.8	0.0	4.4	2.7	2.7
87.5°	0.0	0.0	0.0	1.8	0.0	0.0	0.0	1.8	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)