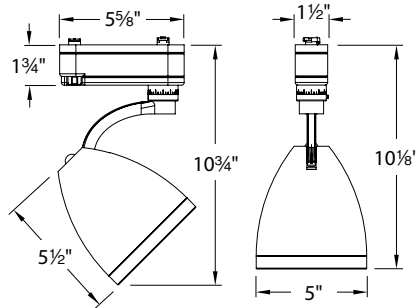


# LARC – model: 311L

## 120V Track – AR111 Low Voltage Luminaire



Fixture Type:

Catalog Number:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

### PRODUCT DESCRIPTION

Low voltage track head using AR111 lamps. Designed for use with WAC Lighting track and compatible with other manufacturer's track. (Consult factory for specific brands).

### FEATURES

- 350° horizontal rotation and 90° vertical aiming with indexing scales, Spring loaded buttons lock to secure the aiming adjustment on horizontal and vertical axis
- Easily re-lamped from the front
- Electronic transformer soft start feature is designed to prolong lamp life
- Utilize the second circuit on the J2 style track with the use of the JCLIP
- Accommodates up to 2 lenses and one accessory
- 5 year WAC Lighting product warranty

### SPECIFICATIONS

**Construction:** Die-cast aluminum fixture, cap ring and check ring. Wire screw terminal socket. Clear 1/8" tempered glass lens included.

**Transformer:** Soft start electronic transformer, with auto reset and short circuit protection. Input voltage: 120VAC/60Hz.

**Lamp:** 12V AR111, 75W max (not included).

**Finish:** Powder coat paint. Available in Black (BK) and White (WT).

**Standards:** UL & CUL Listed, Patent Pending.

### ORDER NUMBER

System	Model #	Finish
LHT L Track	311L	BK Black
HHT H Track		WT White
JHT J Track		

### FINISHES



- **311L** -

Example: LHT-311L-WT

### ACCESSORIES

Color Lens	<b>LENS-111-</b>	<b>AMB</b> Amber	UV Filter	<b>LENS-111-UVF</b>
Dichroic Color Lens	<b>LENS-111-DIC-</b>	<b>BLU</b> Blue	Frosted Lens	<b>LENS-111-FR</b>
		<b>GRN</b> Green	Spread Lens	<b>LENS-111-SPR</b>
		<b>RED</b> Red	Beam Elongating Lens	<b>LENS-111-BEL</b>
		<b>YEL</b> Yellow	Honeycomb Louver	<b>LENS-112-HCL</b>
			Cross Louver	<b>LENS-112-CRL</b>
			Wall Washing Hood	<b>HOOD-111-BK</b>

**WAC Lighting**  
www.waclighting.com  
Phone (800) 526.2588 • Fax (800) 526.2585

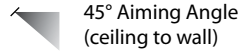
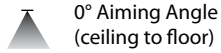
**Headquarters/Eastern Distribution Center**  
44 Harbor Park Drive • Port Washington, NY 11050  
Phone (516) 515.5000 • Fax (516) 515.5050

**Western Distribution Center**  
168 Brea Canyon Road • City of Industry, CA 91789  
Phone (800) 526.2588 • Fax (800) 526.2585

# LARC – model: 311L

## 120V Track – AR111 Low Voltage Luminaire

### LAMP PERFORMANCE – 50W AR111



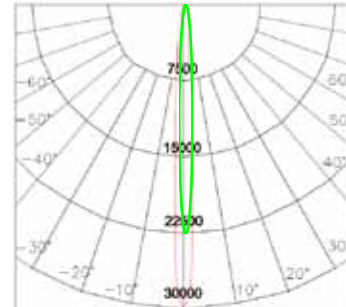
#### Beam: 8°

Distance	FC	L	W	FC	L	W
6 ft	641	0.8	0.8	227	1.7	1.2
9 ft	285	1.3	1.3	101	2.5	1.8
12 ft	160	1.7	1.7	57	3.4	2.4
15 ft	103	2.1	2.1	36	4.2	3.0

#### Beam: 24°

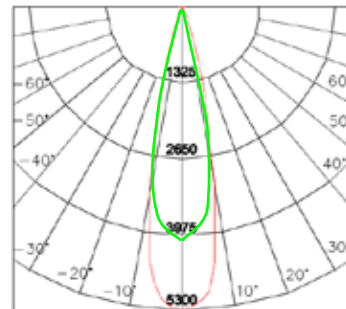
6 ft	111	2.6	2.6	39	5.3	3.6
9 ft	49	3.8	3.8	17	8.0	5.4
12 ft	28	5.1	5.1	10	10.7	7.2
15 ft	18	6.4	6.4	6	13.4	9.0

#### 8° Beam Spread



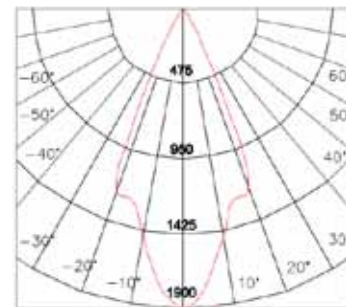
— 50W CBCP: 23,091  
— 75W CBCP: 30,000

#### 24° Beam Spread



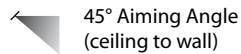
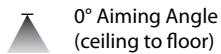
— 50W CBCP: 4,000  
— 75W CBCP: 5,300

#### 45° Beam Spread



— 75W CBCP: 1,900

### LAMP PERFORMANCE – 75W AR111



#### Beam: 8°

Distance	FC	L	W	FC	L	W
6 ft	833	0.8	0.8	295	1.7	1.2
9 ft	370	1.3	1.3	131	2.5	1.8
12 ft	208	1.7	1.7	74	3.4	2.4
15 ft	133	2.1	2.1	45	4.2	3.0

#### Beam: 24°

6 ft	147	2.6	2.6	52	5.3	3.6
9 ft	65	3.8	3.8	23	8.0	5.4
12 ft	37	5.1	5.1	13	10.7	7.2
15 ft	24	6.4	6.4	8	13.4	9.0

#### Beam: 45°

6 ft	53	5.0	5.0	19	12.0	7.0
9 ft	23	7.5	7.5	8	18.0	10.5
12 ft	13	9.9	9.9	5	24.0	14.1
15 ft	8	12.4	12.4	3	30.0	17.6

**CBCP**– Center beam candlepower

**FC**– Initial footcandle level at the center of the beam

**L**– Beam length at the point the candlepower drops off to 50% of maximum\*

**W**– Beam width at the point the candlepower drops off to 50% of maximum\*

\*Measured in feet

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