

A high brightness LED track solution in a multi-optic LED design. Ideal for customers concern with energy, beam quality and visual performance. Multiple accessories available to customize the light output and visual appearance of the fixture.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

### Fixture

example: LLAB127RFALVA

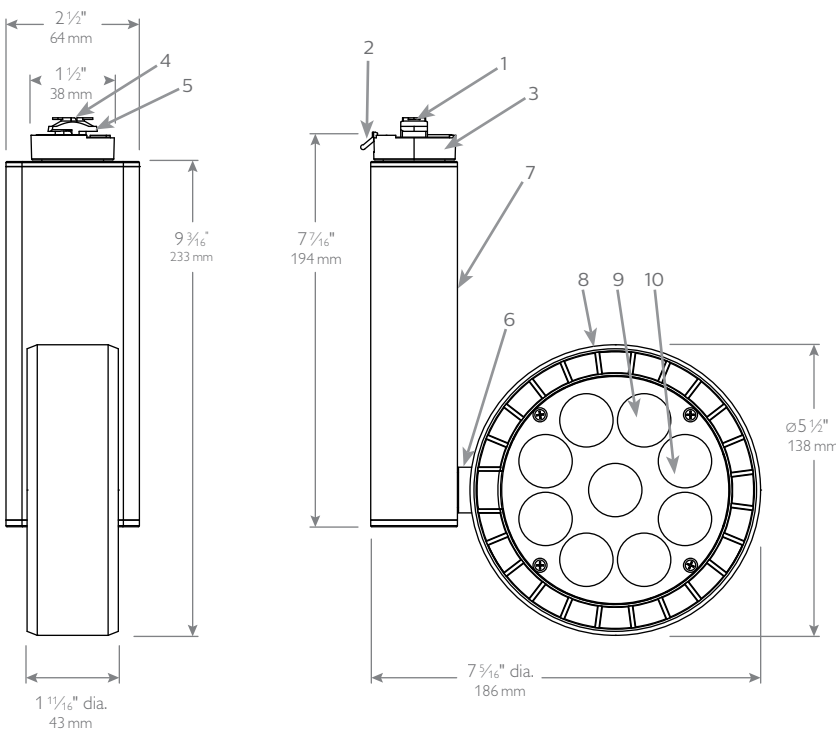
Series	CCT	Reflector	Adapter	Finish	Version
<b>LLAB1</b>					<b>VA</b>
<b>LLAB1</b> Spot LED 28W/2000lm	<b>27</b> 2700K <b>30</b> 3000K <b>40</b> 4000K	<b>RS</b> 8° Spot <b>RNF</b> 20° N.Flood <b>RF</b> 38° Flood	— Lightolier <b>H</b> Halo <b>J</b> Juno	<b>WH</b> White <b>AL</b> Alum. <b>BK</b> Black	<b>VA</b> Version A

### Accessories<sup>1</sup>

example: 23SNT6AL

Series	Finish
<b>8595</b> Accessory holder <sup>2</sup>	<b>WH</b> Matte white <b>BK</b> Matte black
<b>23SNT6</b> Compatible Snoot	<b>WH</b> Matte white <b>BK</b> Matte black <b>AL</b> Aluminum
<b>AL4HC</b> Compatible hex cell louver (matte black)	

1. Accessories are not Energy Star qualified.
2. Accessory holder accept two accessories.



### Features

- 1. Track attachment fitting:** Molded polycarbonate. Integral color in gray, black or white. Rotates into track and locks into place with the use of push tab.
- 2. Push tab:** Molded polycarbonate. Locks and detaches unit.
- 3. Track adapter housing:** Die cast aluminum. Steel eyelet friction connection. Rotates 350°.
- 4. Movable contact:** Solid Brass. Extends for connection to 2nd circuit in Advent track.
- 5. Ground contact:** Solid Brass.
- 6. Vertical pivot mount:** Stainless steel eyelet friction connection. Rotates +/- 90° from vertical aim to floor.
- 7. Driver housing:** Extruded aluminum with die cast aluminum end caps.
- 8. Integrated heat sink:** Die cast aluminum effectively cools LEDs providing a minimum 54,000 hour lifetime at 70% lumen maintenance.
- 9. Light source:** 9 high brightness white led. 80-85 CRI, LEDs selected for tight color consistency between luminaires single 3 step MacAdam ellipse max.
- 10. Optic assembly:** Efficient TIR (total internal reflection) optically clear thermoplastic lenses held securely by frosted translucent thermoplastic holder. Positive securement into luminaire with screws and accurately positioned on LEDs with locating pins. Prevents dust and contaminants from entering led compartment.

# LLAB1-VA Spot LED

28W/2000lm

## Electrical

### Electronic power supply

**Input voltage:** 120V, 50/60Hz

**Input power:** 28W (nominal)

**High power factor:** >0.9

**CRI:** 85 (typical)

### Lumen maintenance:

>70% of initial lumens @ 54,000 hours.

### Photometric performance:

Tested in accordance to LM79.

**9 LED array:** 3000K (Luxeon T)

Reflector	Beam sprd	Lms	Efficacy	CBCP
RS	8°	1981	71	54,726
RNF	20°	1962	70	8,119
RF	38°	1925	69	4,321

## Mounting

Basic track, Advent track, and monopoints.

## Dimming

Trailing edge (ELV) dimming  
(refer to LED-DIM spec sheet for more details.)

**SELV-300P-WH** Lutron Skylark (5%)

**IPE04-ILX** Leviton Decora (5%)

## Finish

Powder coated finish.

## Labels

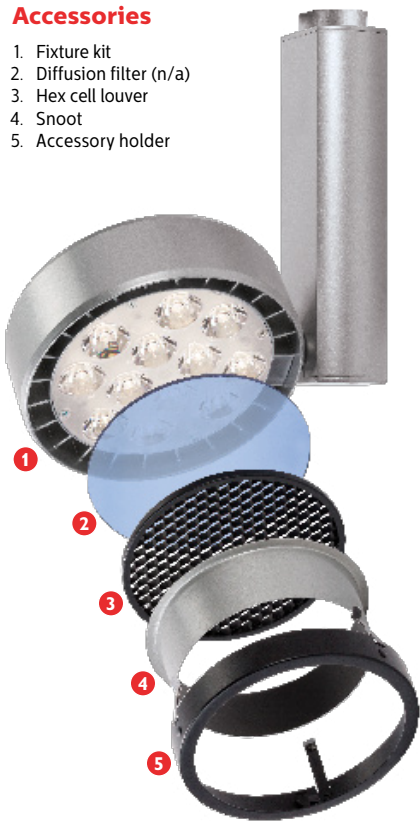
cULus listed. 5 year warranty.

Energy Star qualified (standard product).



## Accessories

1. Fixture kit
2. Diffusion filter (n/a)
3. Hex cell louver
4. Snoot
5. Accessory holder



## Hex cell louvers

**AL4HC** = 4 3/4" dia.



**AL4HC**  
only available  
in matte black

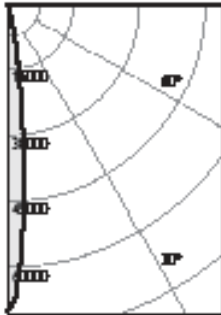
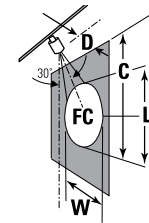
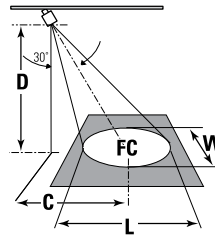
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28W/2000lm

## Aiming angles

L and W are the outer points where the candle power drops to 50% of the maximum. FC are the initial footcandles at the center of the beam. Data shown is for 3000K, for 2700K multiply FC by 0.91.

- L Beam length
- D Distance
- W Beam Width
- A Aiming Angle
- FC Footcandles
- C Distance to center beam



### Fixture: LLAB13ORSALVA

CCT: 3000K  
 Output lumens: 2112 lms  
 Input watts: 28.2 W  
 Efficacy: 74.9 lm/w  
 CRI: 80 min  
 CBCP: 69,939 cd  
 Beam Angle: 8°  
 Report no: 720GFR

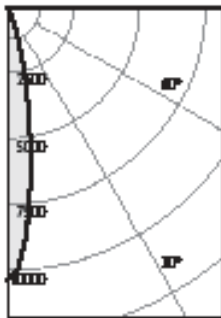
## Spot

### 30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
6	3.5	1262	1.1	1.0
8	4.6	710	1.5	1.3
10	5.8	454	1.9	1.6
12	6.9	315	2.2	1.9

### 30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
2	3.5	2186	1.1	0.6
3	5.2	971	1.7	0.8
4	6.9	546	2.3	1.1
5	8.7	350	2.8	1.4



### Fixture: LLAB13ORNALVA

CCT: 3000K  
 Output lumens: 1979 lms  
 Input watts: 28.2 W  
 Efficacy: 70.2 lm/w  
 CRI: 80 min  
 CBCP: 10,566 cd  
 Beam Angle: 20°  
 Report no: 721GFR

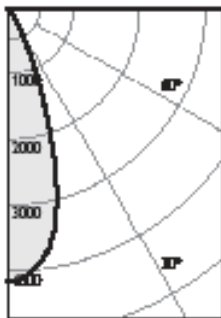
## Narrow Flood

### 30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
6	3.5	191	2.9	2.4
8	4.6	107	3.8	3.3
10	5.8	69	4.8	4.1
12	6.9	48	5.7	4.9

### 30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
2	3.5	330	3.1	1.4
3	5.2	147	4.7	2.1
4	6.9	83	6.2	2.8
5	8.7	53	7.8	3.5



### Fixture: LLAB13ORFALVA

CCT: 3000K  
 Output lumens: 1934 lms  
 Input watts: 28.1 W  
 Efficacy: 68.8 lm/w  
 CRI: 80 min  
 CBCP: 4,138 cd  
 Beam Angle: 38°  
 Report no: 722GFR

## Flood

### 30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
6	3.5	75	5.7	4.8
8	4.6	42	7.6	6.4
10	5.8	27	9.6	8.0
12	6.9	19	11.5	9.5

### 30° Horizontal Aiming

Distance		Beam		
D	C	F.C.	L	W
2	3.5	129	8.6	2.8
3	5.2	57	12.8	4.1
4	6.9	32	17.1	5.5
5	8.7	21	21.4	6.9



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