

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

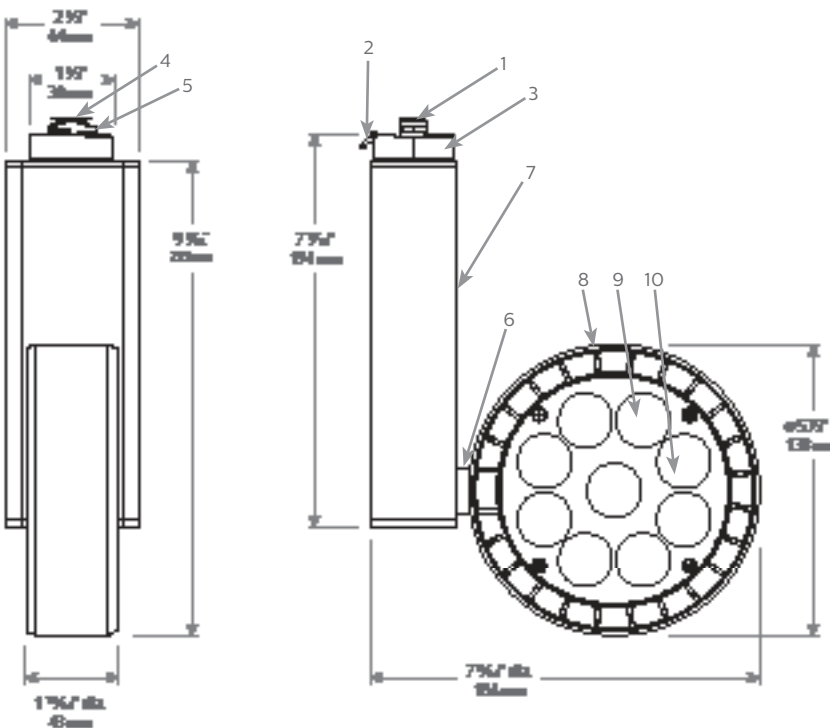
| Series | CCT | Reflector | Adapter | Finish | Version |
|--|----------------------------------|--|---|---|---------------------|
| LLAB1 | | | | | VA |
| LLAB1 Spot LED 28W/2000lm | 27 2700K 30 3000K 40 4000K | RS 8° Spot RNF 20° N.Flood RF 38° Flood | — Lightolier H Halo J Juno GG GES GT GTek GH HTek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

Accessories¹

example: 23SNT6AL

| Series | Finish |
|---|--|
| 8595 Accessory holder ² | WH Matte white BK Matte black |
| 23SNT6 Compatible Snoot | WH Matte white BK Matte black AL Aluminum |
| AF4 Compatible diffusion filters | |
| ADF4 Compatible color filters ³ | |
| AL4HC Compatible hex cell louver (matte black) | |

- Accessories are not Energy Star qualified.
- Accessory holder accept two accessories.
- Color filters will project colored light on ceiling.



- Movable contact:** Solid Brass. Extends for connection to 2nd circuit in Advent track.
- Ground contact:** Solid Brass.
- Vertical pivot mount:** Stainless steel eyelet friction connection. Rotates +/- 90° from vertical aim to floor.
- Driver housing:** Extruded aluminum with die cast aluminum end caps.
- Integrated heat sink:** Die cast aluminum effectively cools LEDs providing a minimum 54,000 hour lifetime at 70% lumen maintenance.
- Light source:** 9 high brightness white led. 80-85 CRI, LEDs selected for tight color consistency between luminaires single 3 step MacAdam ellipse max.
- 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.

Features

- 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.
- Push tab:** Molded polycarbonate. Locks and detaches unit.
- Track adapter housing:** Die cast aluminum. Steel eyelet friction connection. Rotates 350°.

LLAB1 Spot LED

29W/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

Lytespan Basic, Advent, Radius track, and monopoints. May be used with Lytespan to ProSpec adaptor 26075BK/WH when ProSpec track is preferred.

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.

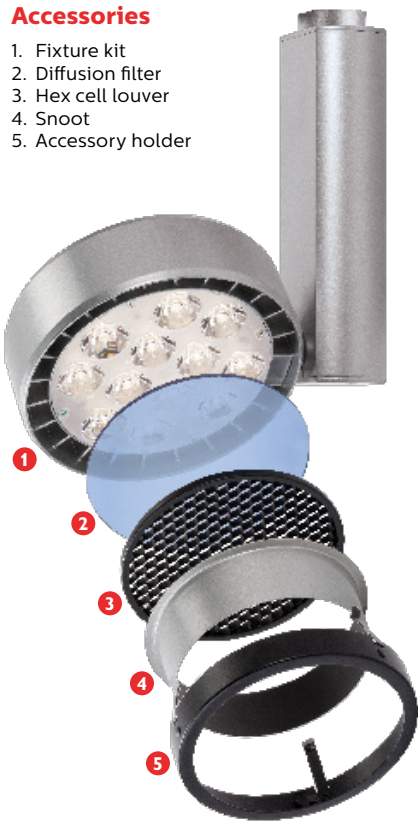
Labels

cULus listed. 5 year warranty. Energy Star qualified (standard product).








Accessories

1. Fixture kit
2. Diffusion filter
3. Hex cell louver
4. Snoot
5. Accessory holder



Diffusion/special filters

AF4 = 4-3/4" dia.

-  **UV** Optivex UV reduction by Bausch & Lomb
-  **FR** Frosted etched lens
-  **SF** Solite soft focus lens
-  **LF** Light Frost
-  **AS** Beam elongator lens





Color filters

ADF4 = 4-3/4" dia.

Primary colors

-  **RD** Red
-  **BL** Blue
-  **GR** Green

Secondary colors

-  **MM** Medium magenta
-  **BG** Blue green
-  **YG** Yellow green
-  **MA** Medium amber

(color filters will project colored light on ceiling)

Mixing colors

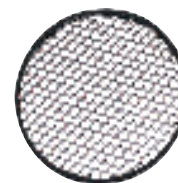
ADF4 = 4-3/4" dia.

-  **SP** Surprise pink
-  **SB** Steel blue
-  **DA** Daylight color correction
-  **LS** Light straw
-  **BA** Bastard amber
-  **LP** Light pink

Color filters shown together mix to white.

Hex cell louvers

AL4HC = 4 3/4" dia.



AL4HC only available in matte black

Spot LED track offers a full range of high performance accessories for tinting, coloring and shaping of the light beam. All accessories are designed to attach easily. A complete accessory consists of a size and series suffix.

Example, **AF4 + UV = AF4UV** (4-3/4" UV Filter).

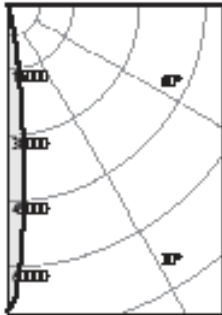
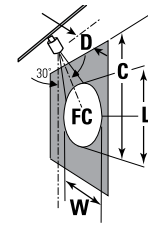
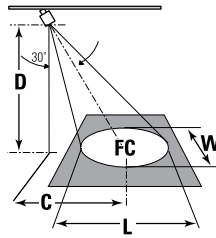
LLAB1 Spot LED

29W/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

CCT¹: 3000K
 Output lumens: 2112 lms
 Input watts²: 28.2 W
 Efficacy: 74.9 lm/w
 CRI: 80 min
 CBCP: 69,939 cd
 Beam Angle: 8°
 Report no³: 720GFR

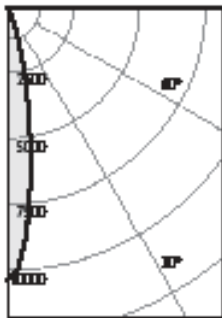
Spot

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

CCT¹: 3000K
 Output lumens: 1979 lms
 Input watts²: 28.2 W
 Efficacy: 70.2 lm/w
 CRI: 80 min
 CBCP: 10,566 cd
 Beam Angle: 20°
 Report no³: 721GFR

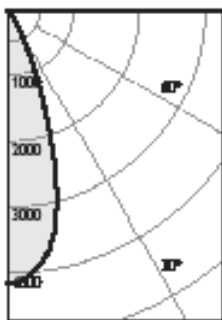
Narrow Flood

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

CCT¹: 3000K
 Output lumens: 1934 lms
 Input watts²: 28.1 W
 Efficacy: 68.8 lm/w
 CRI: 80 min
 CBCP: 4,138 cd
 Beam Angle: 38°
 Report no³: 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 |

