

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

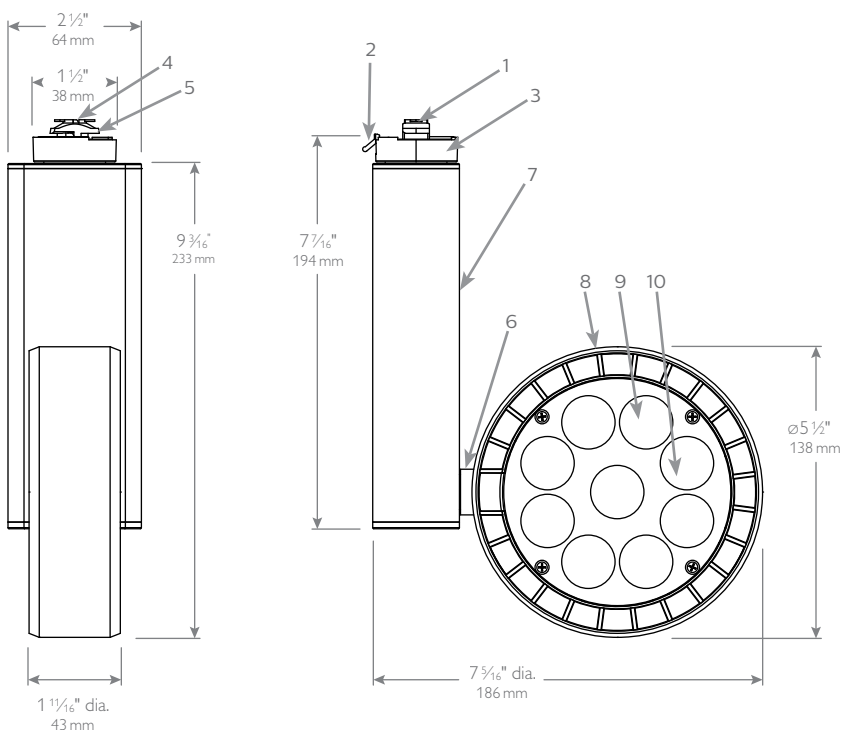
Series	CCT	Reflector	Adapter	Finish	Version
LLAB1					VA
LLAB1 Spot LED 28W/2000lm	27 2700K 30 3000K 40 4000K	RS 8° Spot RNF 20° N.Flood RF 38° Flood	— Lightolier H Halo J Juno	WH White AL Alum. BK Black	VA Version A

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
AL4HC Compatible hex cell louver (matte black)	

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



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°.
- 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.

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.

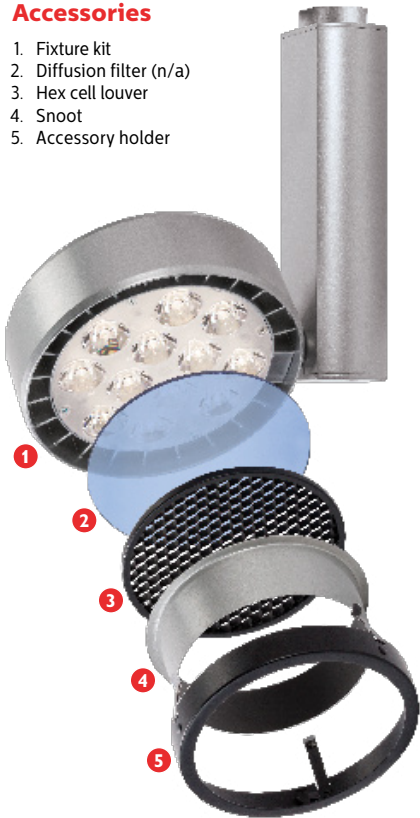
Labels

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

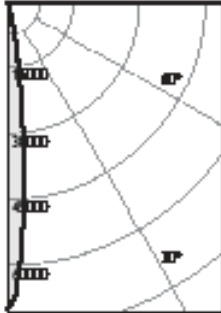
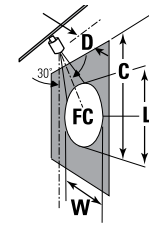
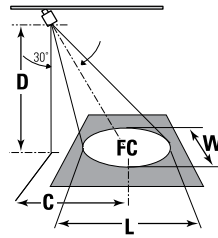
LLAB1-VA Spot LED

28W/2000lm

Aiming angles

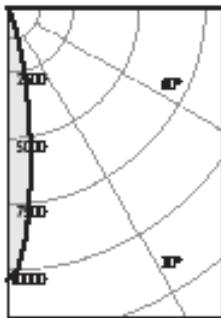
L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam. Data shown is for 3000K, for 2700K multiply FC by 0.91.

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



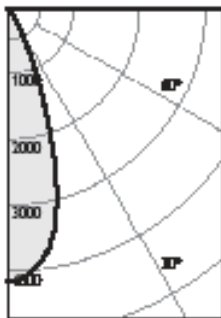
Fixture: LLAB130RSALVA

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



Fixture: LLAB130RNFALVA

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



Fixture: LLAB130RFALVA

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

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

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

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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