

# Day-Brite

## CFI

by Signify

### Special Application

Airelume IV

Cleanroom  
Laminar flow, T8 or T5



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

The Day-Brite / CFI Airelume IV ceiling mount is a teardrop shaped luminaire designed to reduce disturbance and allow laminar air flow around fixtures.

#### Ordering guide

Example: PA82041-EB

Housing Material		Lamp Type		Luminaire Length		Voltage		Ballast Type		Options	
						—		EB		—	
PA	Painted Aluminum	81	T5	02	24"	U	Universal voltage, 120-	EB	Electronic ballast, <10% THD, std. ballast factor	RMC	Row Mount, Center
WS	White Cold Roll Steel	82	T8	03	36"		277V			RME	Row Mount, End Fixture
SS	Stainless Steel			04	48"	1	120V			RMEJ	Row Mount, End Joiner
				08	96"	2	277V			GLR	Fusing, Fast Blow
					*Aluminum only	3	347V			GMF	Fusing, Slow Blow
										FW	For Feed-Thru Wiring
										E7LP	LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V (4' or 8' models)
										E6LP	LP600 emerg. ballast, U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V (4' or 8' models)
										<b>Note:</b> When Feed-thru wiring and emergency battery are required. Specify whether switched or unswitched.	

#### General Notes

- Many luminaire components, such as reflectors, refractors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.

# Airelume IV ceiling mount

Cleanroom, laminar flow, T8 or T5

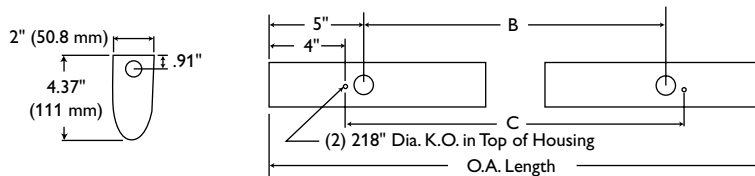
## Standards

- Conforms to FED STD 209E.
- Certified to meet UL 1598 standards for damp location.

## Construction/Finish

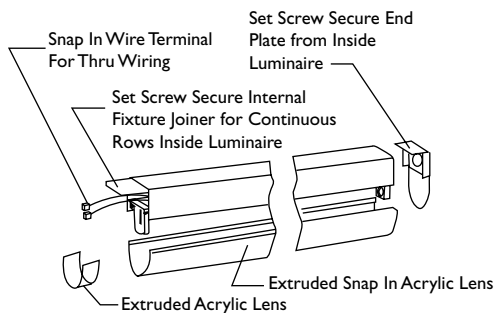
- Low profile shape re-establishes flow at 9" below the ceiling instead of 30+ inches as with standard teardrop luminaires.
- Extruded aluminum, steel, or stainless steel housing with formed endplates.
- Fits 2" screw slot grid T.
- Units are available in a variety of lengths and can be row mounted to adapt to any room size.
- Ends are sealed by high temperature die-cut silicone gasket to eliminate air gaps and light leaks.
- Extruded acrylic lens with internal prisms allow for undisturbed laminar air-flow, glare control and a direct/indirect light distribution resulting in uniform ceiling luminance.
- No external hardware.

## Dimensions



**Note:** For technical information or codes and classifications, see PDFs Tech1-Tech5 online.

## Row Mount/Feed-Thru (optional)



## Product Availability

Luminaire Length	Lamp Type	No. of Lamps
24"	81-14W	1
24"	82-17W	1
36"	81-21W	1
36"	82-25W	1
48"	81-28W	1
48"	82-32W	1
96"	81-28W	2
96"	82-32W	2



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "Hg". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)

