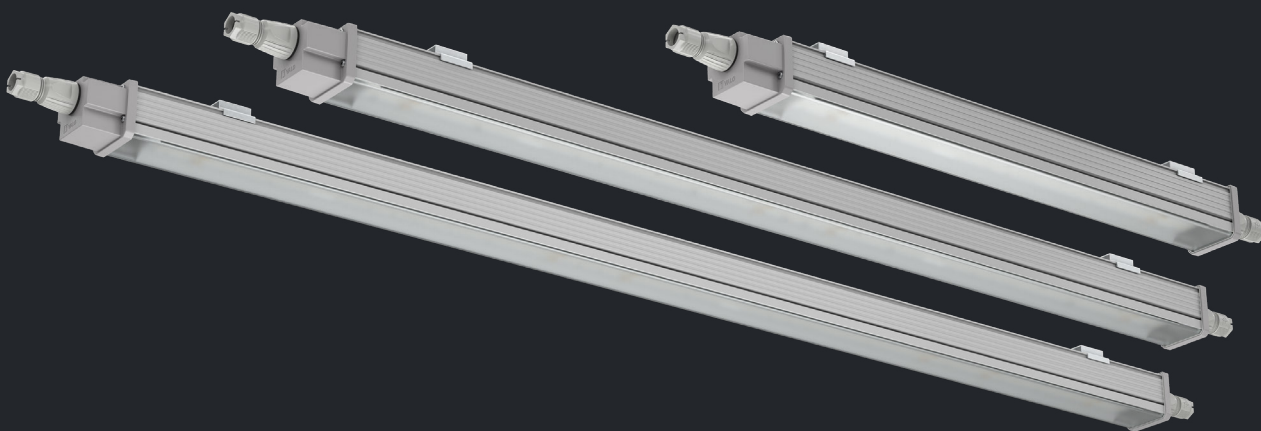




LINEAR LED LUMINAIRE
I-VALO ARVO



LINEAR LUMINAIRES BUILT FOR INDUSTRY. DESIGNED FOR THE FUTURE.

ARVO is a versatile luminaire for both new builds and renovation projects, and an ideal replacement for obsolete T5 and T8 fluorescent luminaires. It is suitable for a wide range of spaces, including industrial production, assembly and logistics facilities. Its innovative technology package is easily replaceable by removing the end cap, in line with the Fit for the Future concept. The body is made of an anodised aluminium profile with 75% recycled content.

Both cover options, microprismatic acrylic (PMMA) and opal polycarbonate (PC), provide excellent glare control and uniform light quality. A PTFE filter cleans the air entering the luminaire, helping to keep the LED chips and optics clean and maintain light output over time.

ARVO is available in three lengths and is quick and easy to install thanks to a quick panel connector. The luminaire is supplied with two AB120 wire brackets as standard.

ARVO SMART versions offer intelligent lighting control with integrated occupancy and daylight sensors for low (2–5 m) or high (up to 17 m) mounting heights, or an integrated Casambi node for wireless control without additional control wiring.

TECHNICAL SPECIFICATIONS

I-Valo guarantees the specified luminaire performance within the stated ambient temperature (Ta) range.

Ambient temperature (Ta)	-20 °C...+50 °C
Input power	25 W - 85 W
Luminous flux	3250 lm - 11800 lm @ max. Ta
Luminous efficacy	Up to 150 lm/W @ Ta +50 °C 157 lm/W @ Ta +25 °C
Energy class of the light source	B
Colour temperature	4000 K
Colour rendering index	CRI 80
MacAdam value	3 SDCM
Enclosure class	IP65, IP66
IK rating - impact resistance	IK07
D Marking	Yes
Light distribution	Wide
Filter	PTFE (GORE)
Body material	Anodised aluminium profile with 75% recycled content
Cover material	Microprismatic acrylic (PMMA) or opal polycarbonate (PC)
Control	ON/OFF, DALI-2, Casambi Ready, two sensor options
Length	640 mm, 1200 mm and 1500 mm
Lifetime	L80 100,000 h
Warranty	5 years
Connections	Multiple connection options. Standard connections: • Through-wiring 5 x 2.5 mm² with quick panel connector, three-phase, ON/OFF • Through-wiring 5 x 2.5 mm² with quick panel connector, single-phase, DALI-2 • Quick panel connector 3 x 2.5 mm², ON/OFF • Quick panel connector 5 x 2.5 mm², DALI-2

PERFORMANCE IN EVERY DETAIL

ASTONISHING LUMINOUS EFFICACY

- High-quality LEDs
- Luminous efficacy of the luminaire up to 157 lm/W @ Ta +25 °C
- Light source energy class B

EXCELLENT GLARE CONTROL AND OPTICAL PERFORMANCE

Two cover options are available to suit different application requirements: microprismatic acrylic cover (PMMA) or opal polycarbonate cover (PC).

- Impact-resistant covers with excellent optical properties
- Excellent UV resistance
- Excellent resistance to scratching
- Durable and lightweight compared to glass
- Consistent, pleasant and glare-free light quality, even at low installation heights
- Excellent light distribution for comfortable and uniform illumination
- Suitable for demanding industrial applications, including those in the food and pharmaceutical industries

ARVO SMART IS AVAILABLE WITH THREE INTELLIGENT CONTROL OPTIONS:

- Integrated occupancy and daylight sensor:
 - for low (2–5 m) mounting heights
 - for high (up to 17 m) mounting heights
- Integrated Casambi node for flexible wireless lighting control

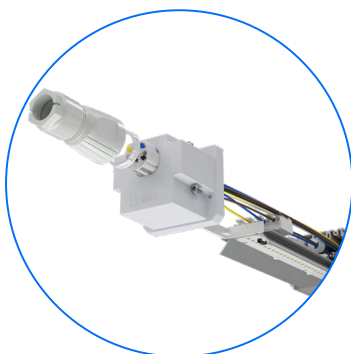
HIGH-QUALITY ALTERNATIVE TO FLUORESCENT TUBE LUMINAIRES

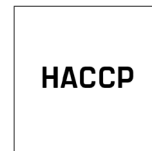
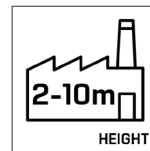
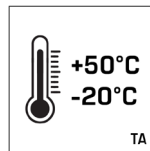
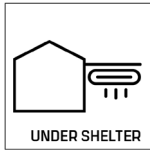
- Perfectly suited as a replacement for discontinued fluorescent tube lights (T5 and T8)



REPLACEABLE TECHNOLOGY PACKAGE

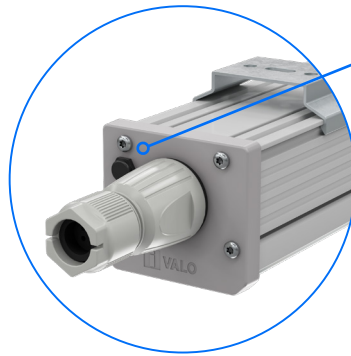
- The luminaire's technology package can easily be replaced when needed
- The package includes a reflector plate, LED chips and a driver
- The diffuser does not need to be removed for replacement
- The luminaire body and diffuser can be retained when the technology package is replaced





ROBUST AND DURABLE LUMINAIRE BODY

- Anodised aluminium profile with 75% recycled content
- Anodising enhances the hardness and durability of the aluminium surface. The luminaire body withstands scratches, abrasion and other mechanical damage more effectively.
- Anodising creates a protective oxide layer, offering excellent protection against corrosion and oxidation. This is crucial in industrial environments where the luminaire may be exposed to moisture and chemicals.
- The anodising process employs fewer harmful chemicals compared to several other surface treatment methods
- The aluminium body helps dissipate heat efficiently



I-VALO FILTERING TECHNIQUE

- Controlled pressure equalisation and filtration of incoming air
- Keeps the inside of the luminaire clean
- Ensures a long lifespan for the luminaire and maintains excellent luminous efficacy

RELIABLE LIGHT FOR YEARS

- Up to 100,000 hours of dependable performance, even at Ta +50 °C

DUST AND WATER PROTECTION – IP65, IP66

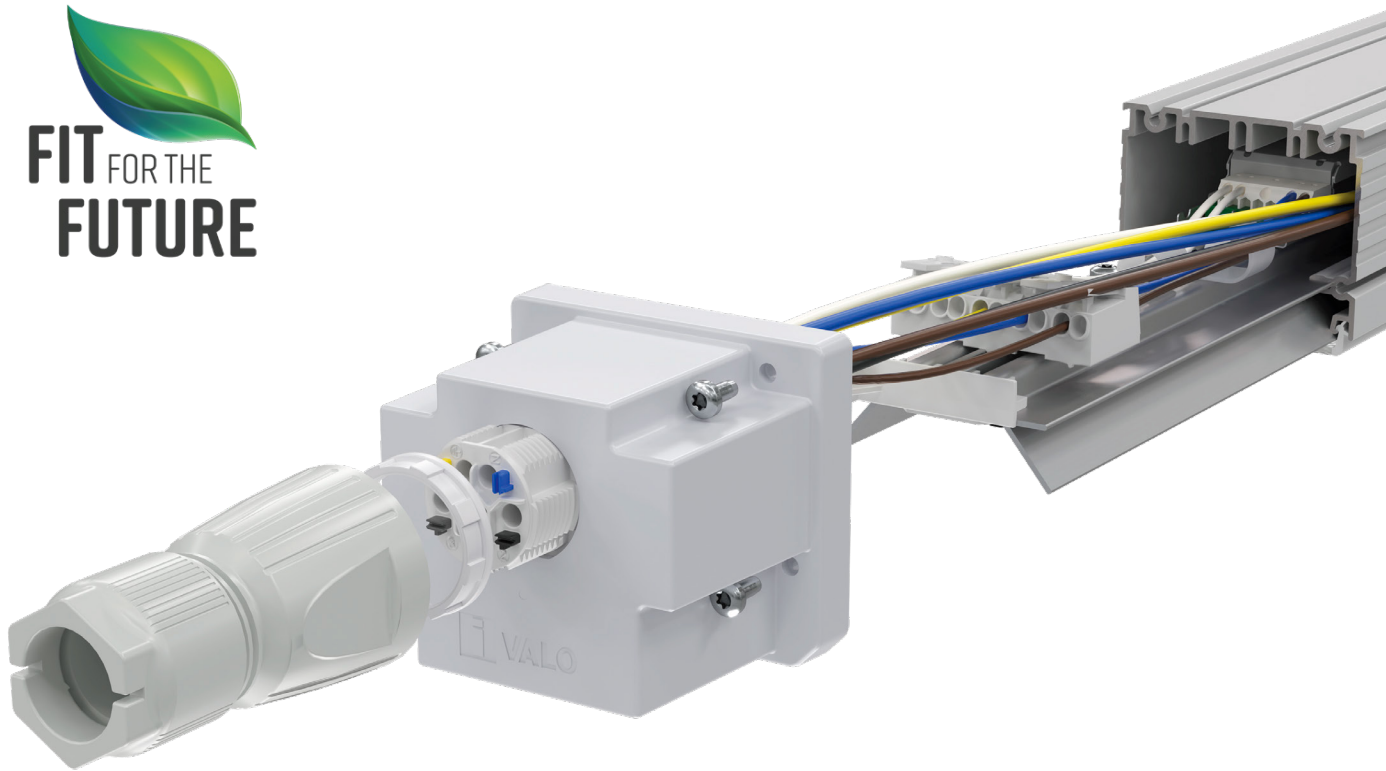
- The luminaire body is free of through-holes, helping to prevent dust and moisture ingress
- The end cap and gasket are secured by screws that engage with external grooves in the body without penetrating its walls

EASY INSTALLATION AND MAINTENANCE

- The quick panel connector makes installation and maintenance quick and easy, allowing for significant savings in installation and maintenance costs

VERSATILE CONNECTION OPTIONS

- Also available as a through-wired version with a quick panel connector at each end of the luminaire



RENEW THE TECHNOLOGY. RETAIN THE LUMINAIRE.

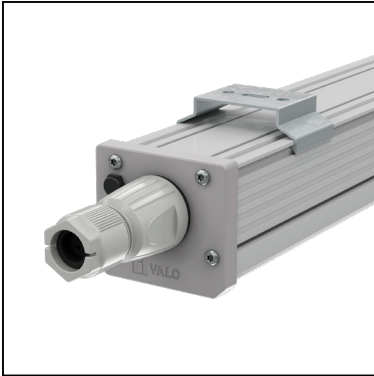
With I-Valo's Fit for the Future concept, ARVO allows its LED technology to be renewed without replacing the complete luminaire. The replaceable technology package includes the LEDs and driver and is easily accessed by removing the end cap. Replacement can be carried out while the luminaire remains mounted, without removing the diffuser.

This design makes replacement considerably easier than with many other solutions on the market and enables up to six times faster replacement compared with the competing solution tested. For installations with hundreds of luminaires, the time saved can translate into savings of tens of thousands of euros, depending on labour and access equipment costs. Retaining the aluminium body and diffuser also helps reduce replacement costs and avoids discarding usable components.



MOUNTING BRACKETS

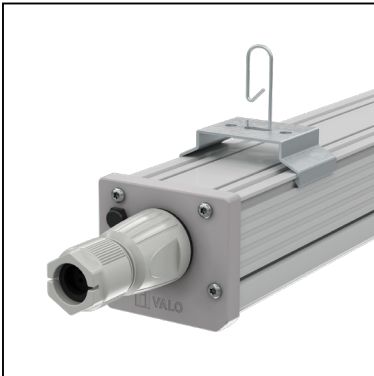
The luminaire is supplied with a pair of AB120 brackets as standard. Alternative brackets can be ordered separately. Our sales and customer service teams will be happy to advise you on the available options.



AB100

BASIC BRACKET

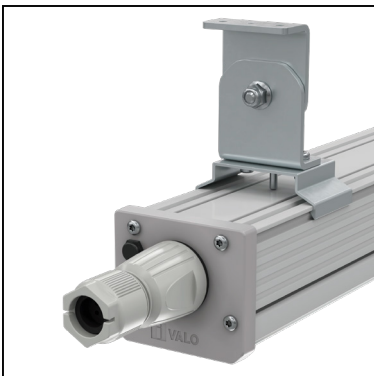
- Anodised aluminium
- Can be fixed directly to the ceiling surface or to a luminaire mounting rail
- Supplied as a pair



AB120

WIRE BRACKET

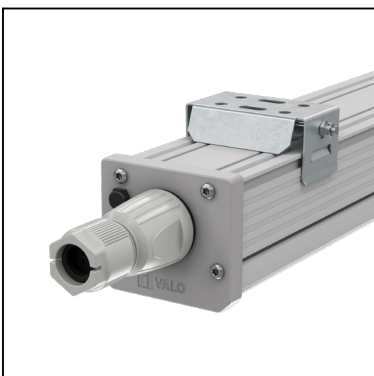
- Anodised aluminium
- Can be used, for example, in horizontal wire suspension or ceiling suspension
- Supplied as a pair
- Included in standard delivery



AB130

ADJUSTABLE WALL AND CEILING BRACKET

- Anodised aluminium
- Supplied as a pair
- Stepless angle adjustment



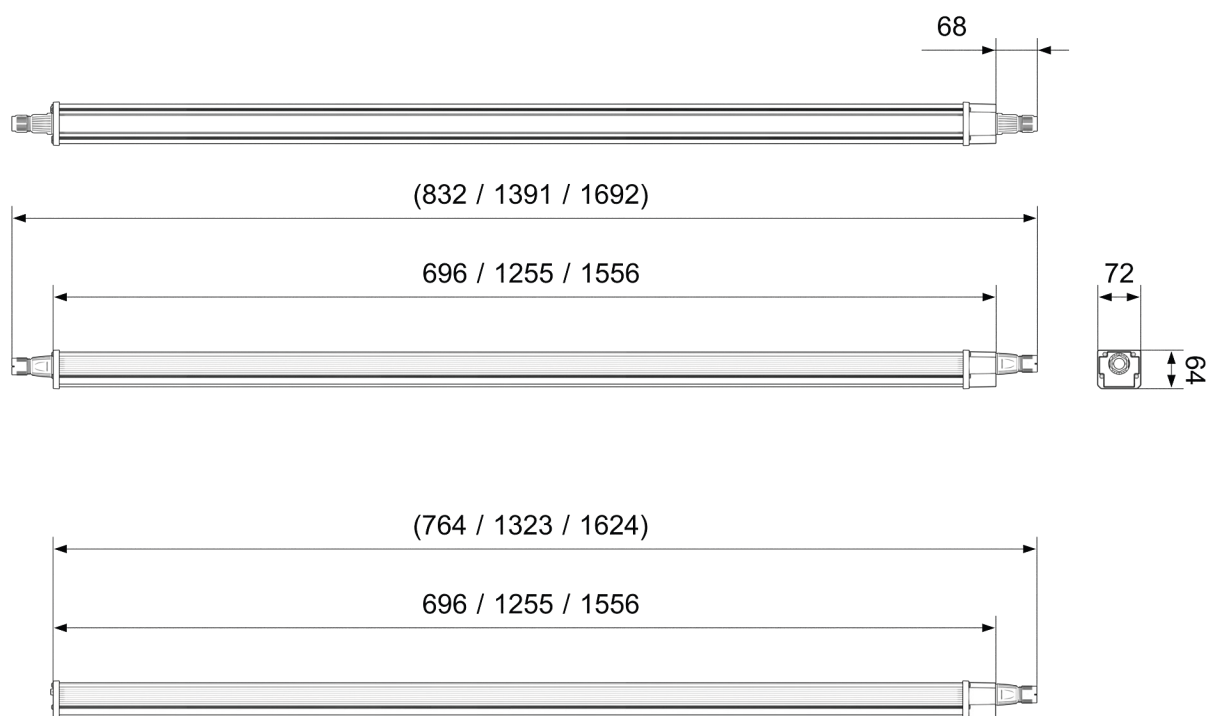
AB140

WALL AND CEILING BRACKET

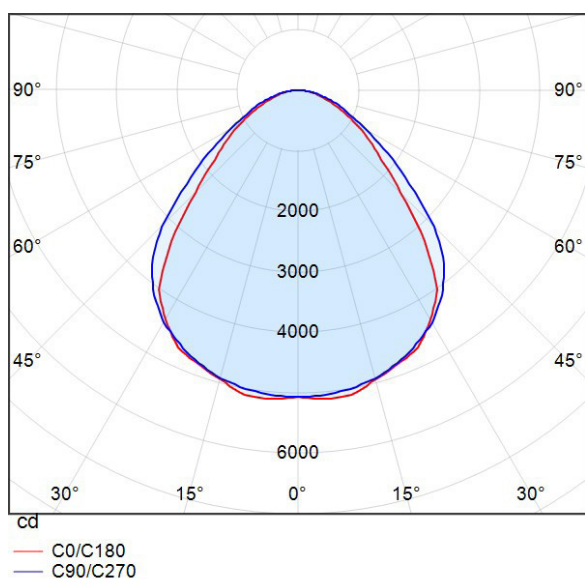
- Stainless steel
- Can be mounted directly to the ceiling surface or to a luminaire suspension rail
- The bracket is tightened to the luminaire body, allowing safe installation in a vertical position
- Supplied as a pair



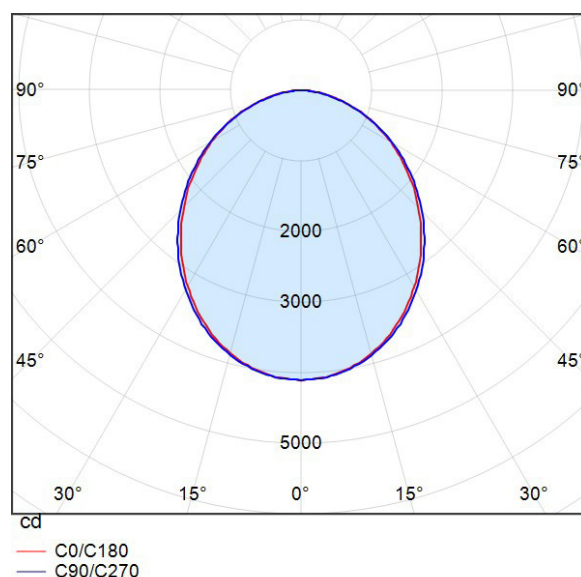
DIMENSIONS



LIGHT DISTRIBUTION



WIDE
MICROPRISMATIC ACRYLIC
84 W - 1500 mm



WIDE
OPAL POLYCARBONATE
84 W - 1500 mm



PROFESSIONAL LIGHTING DESIGN FOR COST EFFICIENCY

Our lighting design service helps you select the right luminaire models, quantities and layout for your facility. We take into account the installation environment and shadows caused by process equipment to create a solution tailored to your needs.

Properly designed lighting helps avoid unnecessary investment and can reduce operating and maintenance costs. Our lighting design service is free of charge.

Learn more and request a lighting plan!



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