

we-ef

WE-EF LIGHTING USA
ETV100 Series
Inground Luminaires - Linear
North American Edition

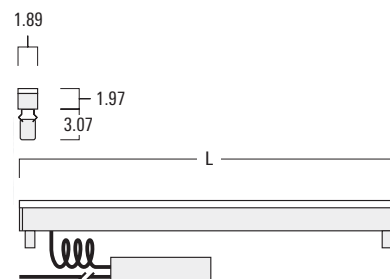
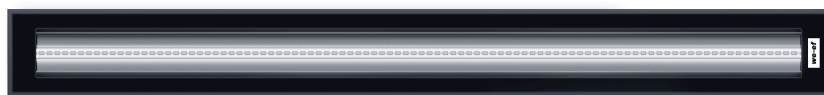


THE BEST LIGHT FOR ARCHITECTURE

The modular ETV100 series is useable in the most diverse installation situations and thus delivers architecturally integrated light in the true meaning of the word. The series exhibits great variety with regard to lighting specifications. The PMMA LED lens systems for the ETV100 series are available in [LW] [LM] [LN] [LVN] symmetric wide, medium, narrow and very narrow-beam versions. In addition, [LA10] an asymmetric wallwash light characteristic is available for the wide, uniform illumination of wall surfaces; the [A6] wallgrazer distribution enables a targeted grazing light in order, for example, to highlight wall textures or pillars. With the various sizes, lumen packages and light distributions, some of which are dynamically controllable, the ETV100 series opens up an enormous range of applications – either as a single luminaire or as row

lighting that can be composed of up to four individual luminaires, as efficient and precise architectural lighting or as glare-free, gently radiating marking and orientation light. Variants with RGBW LEDs as well as versions with tunable white additionally extend the design scope.

The ETV100 inground luminaires are sturdy and easy to install – a familiar WE-EF characteristic. All models conform to protection class IP67, shock resistance IK08 and are equipped with 5CE Superior Corrosion Protection. A blockout is used for the installation, i.e., the luminaire itself does not need to be opened, is easy to insert and can be exchanged just as easily if necessary.



	Length	Wattage	Lumens*	Version				Light Distributions			
				Marker Light	White 2,7K 3K 4K	Color Changer RGBW	Tunable White 2,7K - 6K	diffuse	[LW] [LM] [LN] [LVN]	[LA10]	[A6]
ETV110**	1 ft	10 W	960-1200		●	●	●		●	●	●
ETV120	2 ft	20 W	1916-2406		●	●	●		●	●	●
ETV130	3 ft	30-48 W	2802-3609		●	●	●		●	●	●
ETV140	4 ft	40-64 W	3736-4812		●	●	●		●	●	●
ETV129	2 ft	2-3 W	18-132	●				●			
ETV139	3 ft	3-4,5 W	26-198	●				●			
ETV149	4 ft	4-6 W	35-264	●				●			

* Rated lumens for 3000K at $T_q = 25^\circ$

**Available Q3 2020

STANDARD

With its great design potential and functional variety, linear luminaires are one of the classic instruments of architectural lighting. Elongated narrow luminaires offer an interesting double function. On the one hand, they can be used as a light source, for example to flood walls evenly with light or to illuminate stairs; on the other hand, lighting designers and architects value luminous lines as an object-like, room-shaping element, because they can be used to trace contours, mark the course of paths or effectively zone large volumes of space.

The ETV100 luminaire series from WE-EF provides a versatile range of inground luminaires that can be used to implement the most diverse styles of linear lighting.

With four sizes, three power ratings and six beam characteristics, an extensive modular system is available for implementing linear lighting from the ground position – and this entirely as desired in the form of individual luminaires or as a line of light.



TUNABLE WHITE

The ETV100-TW with Tunable White Technology opens up many interesting options in terms of both aesthetics and function. In a typical indoor application, light gradients are programmed on the basis of the dynamics of daylight. Such variable light can improve the users' feeling of well-being and their performance. Outdoors, Tunable White can be used to create very different atmospheres in the same place, for example with the changing of the seasons or in the course of a night.

Since the colors and textures of surfaces are perceived differently under different color temperatures, there is a great deal of scope for design in the staging – even dynamically on request – of architecture, landscape and vegetation.

However, the use of changeable light colors is also suitable for drawing attention and facilitating orientation. It would be conceivable, for example, to draw greater attention to a staircase through a changing color temperature and in this way to subtly steer flows of visitors.

The change to warm white light can also be considered for ecological reasons, as many insects are particularly attracted by short-wave light in the blue and UV ranges. Warm white LED light (2700-3000 Kelvin color temperature), with only a small short-wave radiation component, is therefore considered to be insect-friendly. With Tunable White, a warm white light spectrum can thus be selected only temporarily, for example late at night.



RGBW COLOR CHANGER

If colored linear light is required in addition to white light, the ETV100-CC inground luminaires are the best choice. The name says it all with these color changer versions; equipped with RGBW LEDs and DMX interface, they offer a huge palette of colored light. Static color values can be set and complex colored light scenes can be composed. The lens optics developed by WE-EF and matched to the colored LEDs always guarantee homogeneous color mixing, smooth color transitions, high efficiencies and maximum control of the light.

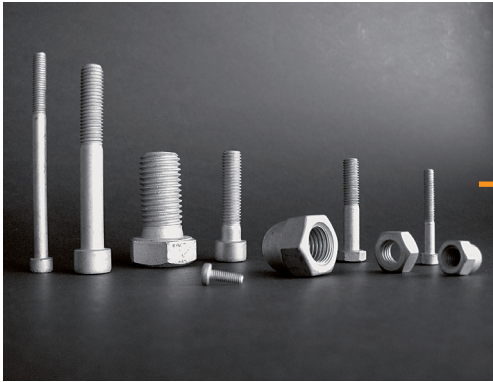
The WE-EF Color Boost Technology also brings advantages in terms of lumen output and energy efficiency. Instead of the static distribution of the electrical input power to the four individual color channels (i.e., a maximum of 25% per channel), the Color Boost Technology relies on dynamic power management. For example, if only three channels are active, each of them can use 33% of the total power, while for color mixing with two channels, both available at 50%. With these dynamics, the Color Boost Technology enables a 30% to 40% higher light output compared to standard solutions. Overloading of the LEDs is ruled out because the LED driver reliably limits the respective rated current per channel.



MARKER LIGHT

The series features ETV100 marker light models, especially for those applications in which the ETV100 sets markings, trace contours or paths, or facilitate orientation. Like all other variants, the marker lights are available in three lengths. However, they are equipped throughout with a diffuse opaque cover and lower lumen packages. Marker Lights are available with warm white light (3,000 Kelvin) and red, blue or green LEDs. In terms of design and electrical equipment, they have all the advantages of the ETV100 series.

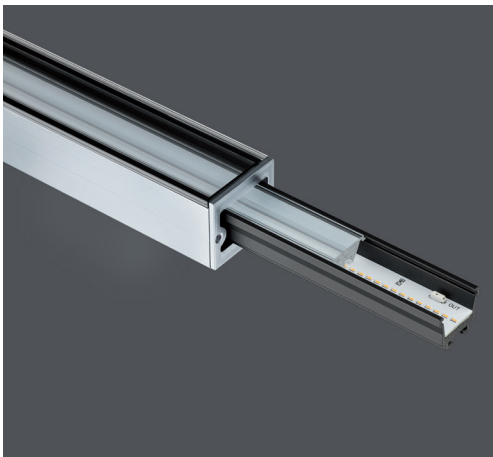




PCS coated fasteners made from austenitic stainless steel reduce the risk of galvanic corrosion.



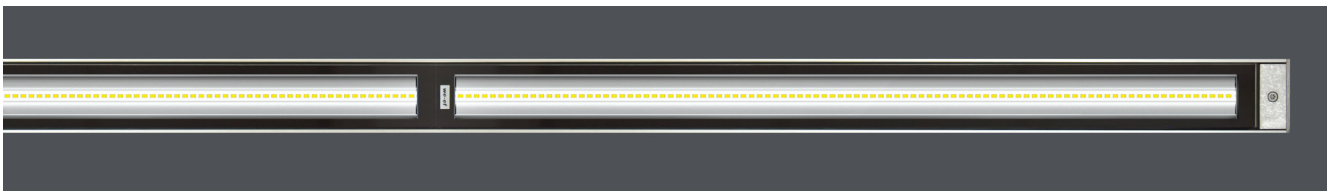
ETV100 linear inground uplights have an IP67 protection rating and can therefore be freely deployed in both indoor and outdoor areas as they are optimally protected against the ingress of water and dust. Installation could not be easier as the luminaires are delivered ex-works already pre-wired and do not need to be opened for installation.



The ETV100 is designed with modularity in mind. Previously installed luminaires can be easily retrofitted with different linear lenses.



Safety glass lens; max. load 3 tons.
Luminaire can be driven over at low speed.



Blockouts for single and multiple luminaire configurations are available. Multiple versions allow for up to four luminaires to be installed in one continuous row, without any gaps between them.

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