

LACE 3D

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overview

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LACE 3D is a groundbreaking product that serves as an excellent tool for lighting designers engaged with modern architecture, particularly those working with glass and bionic curved façades.



overview

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Enjoy a perfectly uniform lighting experience without any “hot spots”; the brightness and color temperature stay consistently even along the entire length.

In the LACE 3D series, like all other INTILED products, we employ LEDs with the tightest binning available, featuring a 2-Step MacAdam.

With a high CRI exceeding 90, you can anticipate outstanding color accuracy.



overview

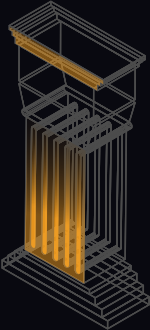
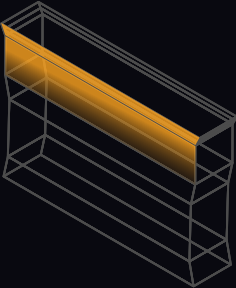
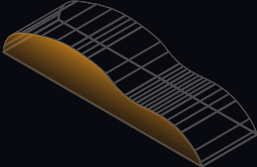
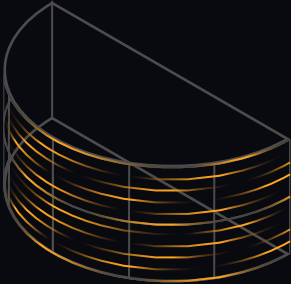
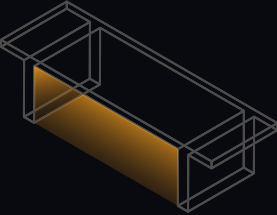
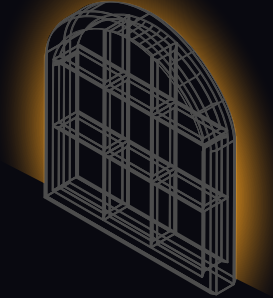
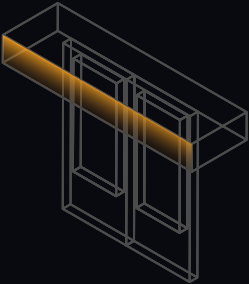
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The fitting allows you to create contour and floodlighting effects with consistent luminous flux, high brightness, and rich color saturation, regardless of the number of bends in your project.



application

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accent	contour	landscape	direct view
 relief vertical bend	 cornice vertical bend	 parapet vertical bend	 glass façade vertical bend
 balusters horizontal bend	 steps horizontal bend	 bench vertical bend	 art object 3D bend
 arched windows vertical bend	 door canopy horizontal bend	 decorative architectural elements horizontal bend	

application

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special features: materials

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LACE 3D employs a non-toxic silicone celebrated for its exceptional adhesive properties, which:

- resists harsh environments
- maintains flexibility within the operating temperature range
- offers high resistance to UV radiation: does not alter its light-scattering characteristics, remains clear without yellowing, does not become brittle



special features: design

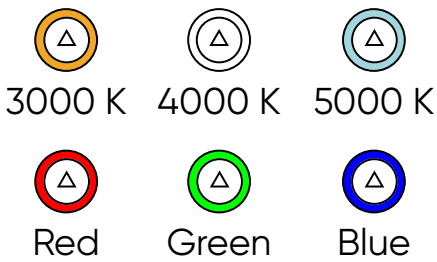
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An antistatic spray is applied to the diffuser to protect the surface from dirt and dust.



technical data sheet

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Power, W
5/10/15

Luminous flux, lm
white: 745
color mono: 533

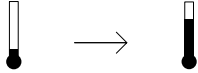
Voltage
24 V DC

IP67 IK09 

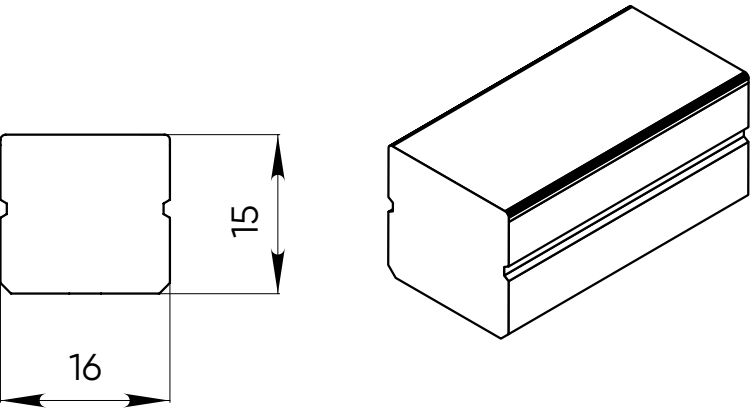
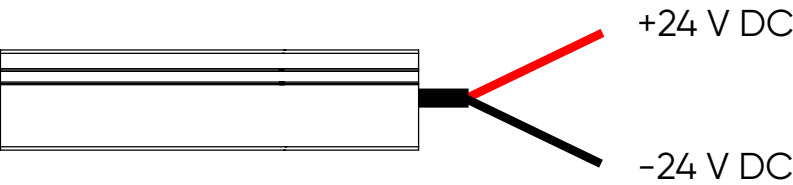
Controls
PWM

Controls, pixel size
1 line - 1 pixel

Accessories
profiles
clips
brackets

Lifespan
not less than 50 000 hours

- 40°C + 50°C

Connection



execution options: body color choices

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We offer three options for pairing the body color with the diffuser:

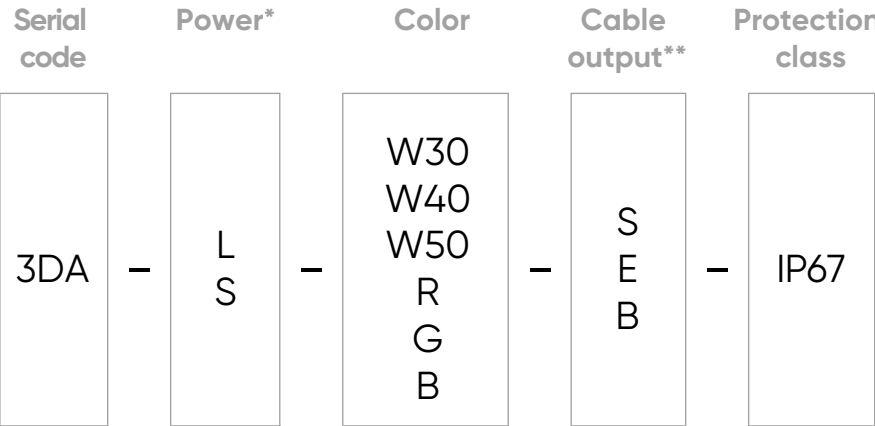
- **white**
For certain façades, achieving the maximum light output can appear especially prominent during daylight.
- **gray**
while the light output might be diminished, this option is perfect for scenarios where the lighting system should be less noticeable on the façade during daylight hours.
- **black**
during the daytime, the luminaire blends seamlessly into the black façades, making it almost invisible; however, it provides the lowest light output.



model range

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Serial code	Color	W/m	lm/m	IP
3DA	white	5/10	396/773	67
	colored mono	5/10	320/553	



*L – power 5 W/m
S – power 10 W/m

**S – cable output from the side
E – cable output from the end
B – cable output below

LACE 3DA - L - W30 - S1E - 100 - IP67

LACE	bend	power	glow color	cable output	power cable	availability of a connector	length	IP
	3DA combined	L small S standard	W30 3000 K W40 4000 K W50 5000 K A amber R red G green B blue	S from the side E from the end B below	1 only on the left 1R only on the right 2 on both sides	E connector	100 100 cm	IP67

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Light. Done right.