

Light line system indoor/outdoor

instalight 4010

Facade illumination in perfection.

The delicate light line allows visually flawless contouring of facades and architectural lines. Reduced to a minimum of material the instalight 4010 in its slim refined steel profile with 3 different optics on request supports the architectural building character at night but, during daylight, recedes almost invisibly into the background. Controlled with instalight Vario or instalight Control, whether monochrom, Tuneable white, RGB or RGBW, instalight 4010 is the perfect linear system for the facade.



> instalight 4010

> instalight 4010 DB

instalight 4010

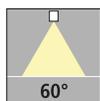
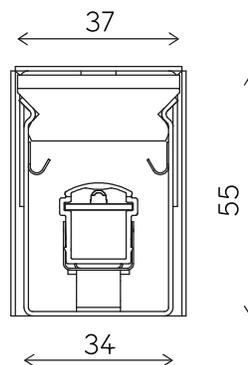
System diagram

instalight 4010 is a high-quality system of corrosion-resistant refined steel and UV-resistant acrylic covers with high-grade optical characteristics.

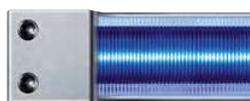
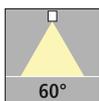
Mounting is possible in horizontal and vertical position whereat it reaches degree of protection IP64. All LED inserts out of the LEDLUX linear programme can be integrated mechanically without tools.



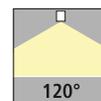
> instalight 4010



> clear optics



> Micro-Line optics



> translucent optics

Refined steel supporting rail system



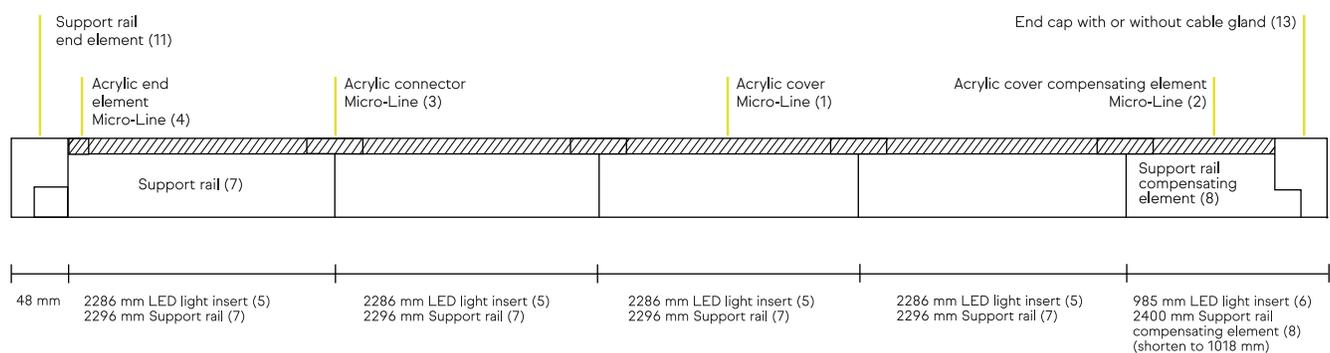
To be shortened individually by means of a variable compensating element.

System components

- | | | | |
|---|--|----|--|
| 1 | Acrylic cover | 9 | Support rail connector |
| 2 | Acrylic cover compensating element | 10 | Compensating element connector |
| 3 | Acrylic connector | 11 | Support rail end element, right |
| 4 | Acrylic end element | 12 | Support rail end element, left |
| 5 | LED light insert LEDLUX linear | 13 | End cap with or without cable gland |
| 6 | LED light insert LEDLUX linear, short | 14 | Rubber grommet for cable gland |
| 7 | Support rail, different standard lengths | 15 | Retaining bracket for LED light insert |
| 8 | Support rail compensating element | 16 | Holding-down clamp for cable |

Example

Calculation for 10250 mm instalight 4010 with LEDLUX linear and Micro-Line optics



instalight 4010

System components



Acrylic cover

- > in different lengths
- > for Micro-Line, translucent or clear

Version	Length (mm)	Article-No.
Translucent for LEDLUX linear	2273	58926480
Translucent for LEDLUX linear	639	58926481
Micro-Line for LEDLUX linear	2273	58926470
Micro-Line for LEDLUX linear	639	58926471
Clear for LEDLUX linear	2273	58926490
Clear for LEDLUX linear	639	58926491



Acrylic connector

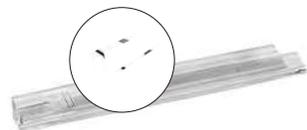
- > for Micro-Line, translucent or clear

Version	Length (mm)	Article-No.
Translucent for LEDLUX linear	45	58926087
Micro-Line for LEDLUX linear	45	58926077
Clear for LEDLUX linear	45	58926097

Acrylic end element

- > for Micro-Line, translucent or clear

Translucent for LEDLUX linear	52	58926088
Micro-Line for LEDLUX linear	52	58926078
Clear for LEDLUX linear	52	58926098



Acrylic cover compensating element

- > to be shortened individually
- > for Micro-Line, translucent or clear

Version	Length (mm)	Article-No.
Translucent for LEDLUX linear	2373	58926482
Translucent for LEDLUX linear	573,5	58926086
Micro-Line for LEDLUX linear	2373	58926472
Micro-Line for LEDLUX linear	573,5	58926076
Clear for LEDLUX linear	2373	58926492
Clear for LEDLUX linear	573,5	58926096



LED light insert LEDLUX linear

- > in different lengths
- > Monochrome or RGB
- > in the light insert types LX, LN, LH, LS, RGB, RGBW and TW

Version	
LEDLUX linear LH	see order information
LEDLUX linear LN	see order information
LEDLUX linear LS	see order information
LEDLUX linear LX TW (Tunable White)	see order information
LEDLUX linear RGB	see order information
LEDLUX linear RGBW	see order information



Support rail for LEDLUX with accessories

- > vertical/horizontal, of refined steel
- > different standard lengths
- > with holding-down clamp for cable

For LED light insert LEDLUX linear LH, LN, LS, TW, RGB and RGBW

Direction	Length (mm)	Article-No.
horizontal	2296	58926440
horizontal	662	58926441
vertical	2296	58926430
vertical	662	58926431

Support rail connector

- > on demand, to be used to close or open the cable gland



Rubber grommet

- > for cable gland support rail





Support rail compensating element

> vertical/horizontal

Support rail compensating element

> Refined steel, to be shortened individually up to 150 mm

Compensation element connector end cap

> with cable gland

Rubber grommet

> for cable gland support rail

For LED light insert LEDLUX linear LH, LN, LS, TW, RGB and RGBW

Direction	Version	Length (mm)	Article-No.
horizontal/vertical	with cable gland	603	58926056
horizontal/vertical	without cable gland	603	58926055



Support rail compensating element

> vertical/horizontal

Support rail compensating element

> Refined steel, to be shortened individually up to 150 mm

Compensating element connector

Please order end cap separately

For light insert LEDLUX linear LH, LN, LS, TW, RGB and RGBW

Direction	Length (mm)	Article-No.
horizontal	2400	58926451
vertical	2400	58926450



End cap for Support rail compensating element
2400 mm

For light insert LEDLUX linear LH, LN, LS, TW, RGB and RGBW

Direction	Article-No.
with cable gland	58926063
without cable gland	58926064

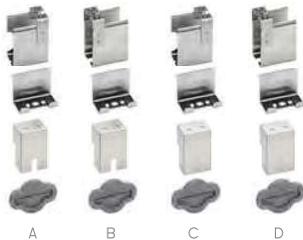


Roof fastening

> Mounting angle for LED support rails

Dimensions L x W x H (mm)

Dimensions L x W x H (mm)	Article-No.
125 x 65 x 100	58926062



Support rail end element set

Support rail end element

> left or right

Support rail connector

> on demand, to be used to close or open the cable gland

End cap

> with or without cable gland

Rubber grommet for cable gland support rail

LED light insert LEDLUX linear LH, LN, LS, TW, RGB and RGBW

Direction	Version	Length (mm)	Article-No.
A left	with cable gland	48	58926053
B right	with cable gland	48	58926054
C left	without cable gland	48	58926051
D right	without cable gland	48	58926052

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Product characteristics



Quality

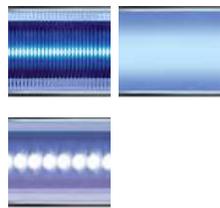
- › Corrosion-resistant refined steel support rails and components
- › UV-resistant acrylic covers
- › acrylic covers with good optical characteristics (transmittance)



Cost savings

Economic operation

- › Longest possible service life for LED and profiled system
- › Minimal maintenance work for the system
- › Optimal control possibilities
- › Integration into all building installation systems
- › Low energy consumption
- › Short mounting time
- › Reduction of mounting costs by tool-less mounting of the acrylic cover and the LEDLUX light inserts



Luminous effect

- › Cover Micro Line, narrow light diffusion
- › Cover translucent, broad light diffusion
- › Cover clear



Variability

- › For use in horizontal and vertical construction
- › For front light output
- › Small section allows „inconspicuous“ mounting in existing openings

> Freedom in colour design and intensity: choose one of the light insert types out of the LEDLUX system



LEDLUX LH

- › To be connected to 230 V direct
- › To be equipped either with single-colour white LED or monochrome in the colours red, green, blue or yellow
- › Integrated power supply unit, protective isolation



LEDLUX LX TW

- › Tunable White Technology for precisely adjustable colour temperature
- › Dimmable



LEDLUX LN

- › Low-voltage luminaire for ambient lighting or lighting tasks with medium luminous intensity
- › To be equipped either with single-colour white LED or monochrome in the colours red, green, blue or yellow



LEDLUX LX RGB

- › Complete colour range in RGB
- › Mixed colours, Corporate Colour



LEDLUX LS

- › For lighting tasks with intensive and high-quality white light
- › Energy-efficient, maintenance-free and space-saving
- › Up to 84 lm/W



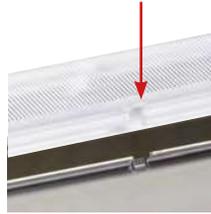
LEDLUX LX RGBW

- › Combination of RGB- and white light LED for highly saturated colours and brilliant white light
- › Separate control of RGB and share of white light

Fitting accuracy



- › The support rail compensating element can be shortened and fitted precisely at the place of mounting
- › The LED light inserts can be ordered in different lengths
- › The LED light inserts for the compensating element are fitted precisely by InstaLighting for the relevant project



Securing against movement

- › Retaining collar as protection against sliding of the acrylic cover in case of vertical mounting
- › Defined material expansion of the acrylic

Holding-down clamp for cable



- › Retains lateral cables in position
- › Entertainment of up to 4 cables Ölflex Robust 210.3 x 1 mm²
- › No slipping of the cables over the LED optics



Cable gland

- › Support rail connector with different functions
- › The entrainment of up to 4 cables (for the supply of up to 4 LED light inserts) in the support rail is possible

Tool-less mounting



- › The LEDLUX light inserts can be snapped into pre-mounted profiled retaining clamps in the il 4010 profile
- › The acrylic cover is to be snapped into the V-groove of the support rails
- › Reduction of mounting time



e.g. with plug connector IP67

Easy to install

- › Mounting of the profiled system requires only minimal adjustment
- › Parts in the set, incl. screws, nuts, etc. Fastening tools for fastening on site is to be provided by the customer
- › Connection of the LED light inserts to the mains power supply plug-in system (only NV)
- › Cable ends also available with wire-end sleeves, Cable lengths in 1 m 2 m or 5 m. Project-related solutions on request

Through-wiring of LEDLUX light inserts



- › Reduction of the number of feed-in points by chaining of light inserts (3 or 2)
- › Dimensioning can be effected by InstaLighting

Project design / offer



InstaLighting offers help in project design and preparation of a quotation for your project.



Functional safety

Comfortable light and luminaire management

Single-sourced control. Fail-safe. For a good, trouble-free investment into the future.

Everything is possible. For small, single-room control solutions up to large control solutions including several rooms with bus systems like KNX. With commonly tuned devices and systems, controls and luminaires InstaLighting as daughter company of Insta, Gira and Jung provides for comfortable light management and thus offers the customer a sound investment into the future. In one customer project e.g. the following sensors and actuators for a comfortable control can be used:

- › Time controls
- › Wireless controls via RF
- › Integration of DMX, DALI, eNet, KNX
- › Sensor for Twilight, rain, wind, movement detection
- › From simple ON/OFF switches through to operation panels and mobile devices like smart phones, etc.