

Built-in flexibility: LINEARlight-DRAGON®.



Every system is only as flexible as its individual elements. LINEARlight-DRAGON® has taken this principle to heart. On the one hand, the metal core board with six high-flux Golden DRAGON® Plus LEDs is extremely adaptable in recessed installations. On the other hand, the flexible system with lens holder and designer heat sink offers impressive versatility.



Special features:

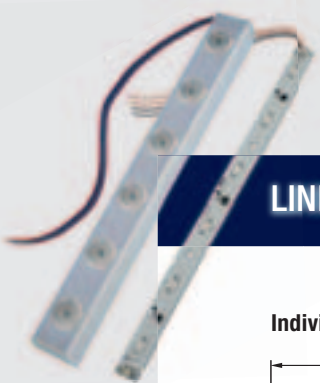
- New LD06B-W4F types with 80–120% higher luminous flux than predecessor LD06A-W3F types
- Mounting holes on the overall system and on the board for attachment with screws. Alternative mounting of the overall system with LD-MB mounting brackets
- Dimmable by pulse width modulation (PWM)
- Integrated 30° optics (for overall system)
- Additional OP1x1 optics for different applications (spotlight, wide-area lighting, wall washing) can be combined with the board
- Up to six modules can be connected one after the other with mid-feed with only one OT 75 unit

- Plug-&-play connection (feeder and connector) thanks to the LD-2x CONNECTsystem

Applications:

- Ideal for recessed luminaires
- Suitable for wide-area illumination and other general lighting applications
- Wall washing, cove lighting

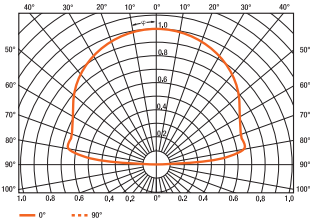
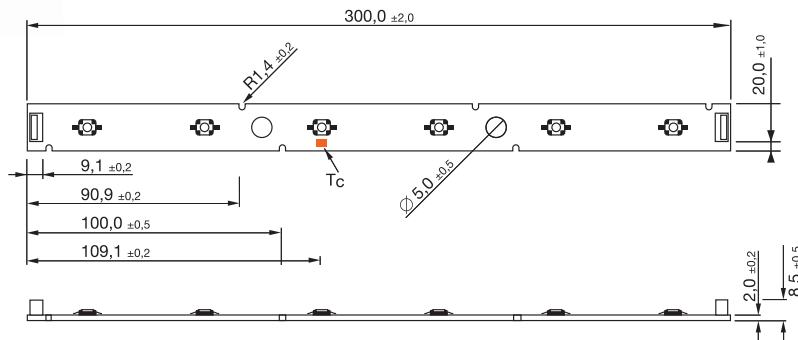
Optional accessories on pages 90 and 93



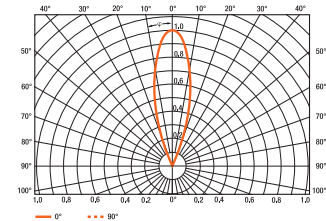
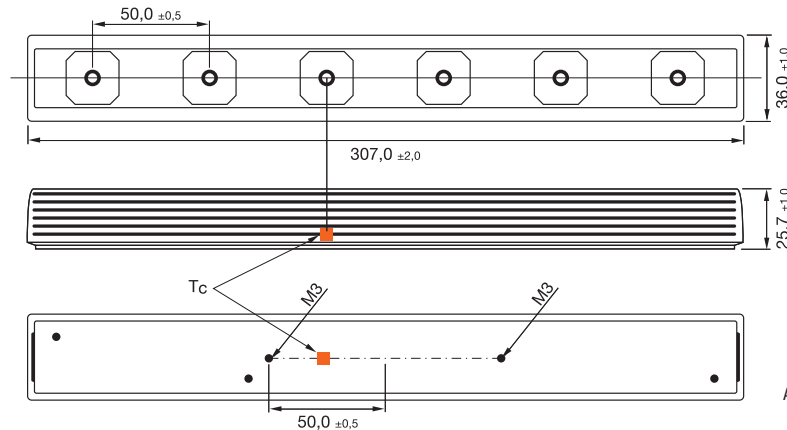
LINEARlight-DRAGON®



Individual board



Overall system



All figures in mm

Product reference

Product number



LINEARlight-DRAGON® – individual board

LD06B-W4F-830	4008321395757	white	6	24	12	170	3000	6
LD06B-W4F-840	4008321395870	white	6	24	12	170	4000	6
LD06B-W4F-854	4008321395993	white	6	24	12	170	5400	6

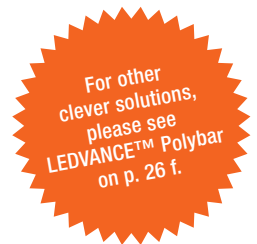
LINEARlight-DRAGON® – overall system

LD06B-W4F-830-L30	4008321394491	white	6	24	12	30	3000	6
LD06B-W4F-840-L30	4008321394613	white	6	24	12	30	4000	6
LD06B-W4F-854-L30	4008321395290	white	6	24	12	30	5400	6

Modules are perfectly matched to 24V OSRAM OPTOTRONIC® electronic control gear.
For current photometric data and important safety, installation and application information, see www.osram.com/led-systems-downloads.

1) All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

Flexibility and ideal proportions: LINEARlight-DRAGON® Slim.



You don't have to be big to be great. The LINEARlight-DRAGON® Slim LED strip offers high brightness and superior technology in a small unit with six high-flux Golden DRAGON® LEDs. This slim system will fit anywhere and can provide ideal close-up lighting, for example for displaying merchandise in cabinets or on shelving.



Special features:

- Slim LED luminaire, manufactured according to IEC 60598 (luminaire standard)
- Highly versatile thanks to robust aluminium housing and accessories
- Brackets included for simple, flexible mounting
- Simple contact to plug system through accessories
- Aluminium housing provides adequate cooling for the LEDs
- Up to three modules can be operated in series
- Dimmable by pulse width modulation (PWM)

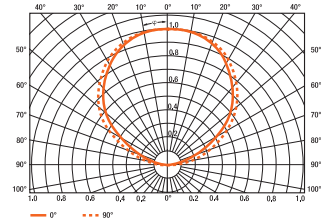
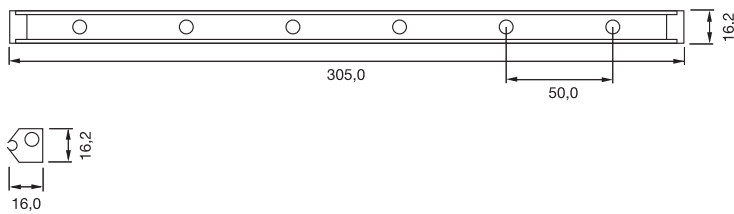
- Optimized for use with OPTOTRONIC® control gear and controllers for 24 V

Applications:

- Display cabinet lighting
- Shelf/furniture lighting
- Small coving

LINEARlight-DRAGON® Slim

NEW



All figures in mm

Product reference

Product number



LINEARlight-DRAGON® Slim

Product reference	Product number	COLOR	LED	V _{DC} ¹⁾	W ¹⁾	A ¹⁾	Beam angle	K ¹⁾	Packaging
LD06S-W4F-830	4008321953308	white	6	24	7.0	0.29	120	3000	6
LD06S-W4F-840	4008321953322	white	6	24	7.0	0.29	120	4000	6

Modules are perfectly matched to 24V OSRAM OPTOTRONIC® electronic control gear.
For current photometric data and important safety, installation and application information, see www.osram.com/led-systems-downloads.



Thanks to its slim design and flexible application possibilities, the LINEARlight-DRAGON® Slim delivers an impressive performance.

1) All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

Stronger than the night: LINEARlight POWER Flex.

The brightest LED modules in our range can be used to create stunning accent lighting. Their breathtaking light pierces the darkest night. LINEARlight POWER Flex modules show their strengths in areas where architectural structures are to be emphasized and enhanced with optical effects. Powerful light and flexibility united in an extremely compact form.



Special features:

- NEW: LF06P with smaller dimensions and additional cutting options thanks to the use of the LF-2TERM terminating connector
- Connection at the front of the module or at the division points
- Optional CONNECTsystem for simple connection
- Flexible board with self-adhesive backing
- Dimmable by pulse width modulation (PWM)
- Small height for low-profile lighting solutions
- Can be separated after the third, fourth and fifth LED with optional terminating connector or after the sixth LED with no loss of function for the remainder of the board

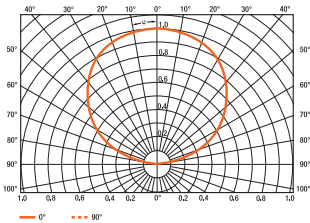
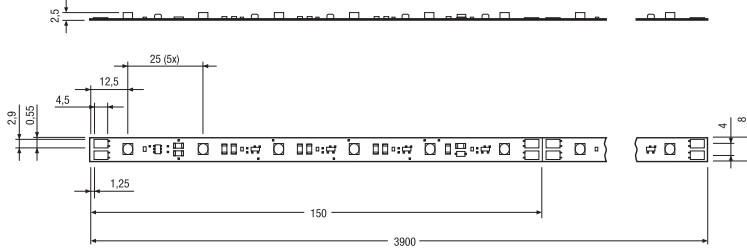
Applications:

- Ideal for lighting up counters, coving or handrails and also for edge lighting
- For illuminating or backlighting transparent or diffusing materials
- Luminaire installation

Optional accessories on pages 90 and 94 f.



LINEARlight POWER Flex



All figures in mm

Product reference	Product number	COLOR		V _{DC} ¹⁾	W ¹⁾		K ¹⁾	
LINEARlight POWER Flex								
LF06P-W4F-827	4008321966001	white	120	24	72	120	2700	8
LF06P-W4F-830	4008321966018	white	120	24	72	120	3000	8
LF06P-W4F-840	4008321966025	white	120	24	72	120	4000	8
LF06P-W4F-854	4008321966032	white	120	24	72	120	5400	8

Modules are perfectly matched to 24V OSRAM OPTOTRONIC® electronic control gear.
 Basic dimensions of smallest unit (L x W x H): 140 mm x 10 mm x 2.5 mm.
 For current photometric data and important safety, installation and application information, see www.osram.com/led-systems-downloads.



Flexibility is the key to exceptional applications: LINEARlight POWER Flex modules provide subtle lighting for glass steps.

1) All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

Experience new dimensions: LINEARlight Flex®.

Lighting systems are a permanent feature of modern architecture as they skillfully enhance the appearance of external structures of all sizes. LED modules on flexible boards are the number one choice for creating three-dimensional forms and contours with strip lighting. LINEARlight Flex® is available in different versions that emit light either at the top or at the side.



Special features:

- NEW: LF05A and LF05E with smaller dimensions and additional cutting options thanks to the use of the LF-2TERM terminating connector
- Low height for low-profile surface/enclosed mounting
- Simplified connection with the optional CONNECTsystem
- Low thermal output, electrically isolated back
- Flexible 3-D mounting possible
- Flexible board with double-sided adhesive tape for simple mounting
- Can be separated after the second, third and fourth LED with optional terminating connector or after the fifth LED with no loss of function for the remainder of the board

- Dimmable by pulse width modulation (PWM)

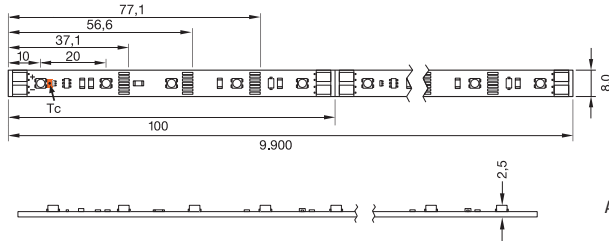
Applications:

- Injection of light into displays and low-profile light guides
- For directional luminaires, illuminated signage and display cabinet lighting
- Backlighting of complex contours
- For decorative applications: LF05E
- For small coving and additional illumination: LF05A

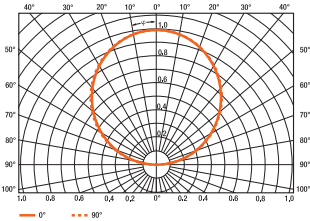
Optional accessories on pages 90 and 94 f.

LINEARlight Flex®

NEW



All figures in mm



Product reference

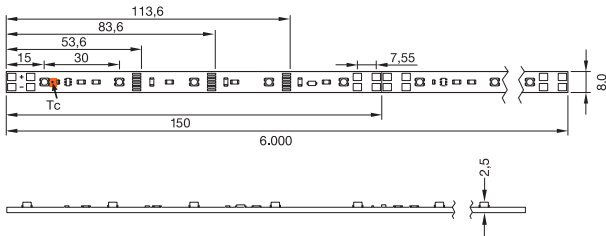
Product number



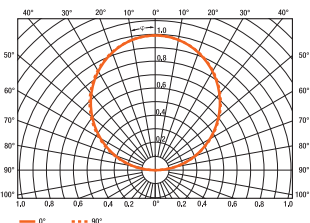
LINEARlight Flex® LF05A

LF05A-W3F-827	4008321546906	white	495	24	72	120	–	2700	8
LF05A-W3F-830	4008321955371	white	495	24	72	120	–	3000	8
LF05A-W3F-840	4008321955364	white	495	24	72	120	–	4000	8
LF05A-W3F-854	4008321546586	white	495	24	72	120	–	5400	8
LF05A-B3	4008321955388	blue	495	24	72	120	470	–	8

Basic dimensions of smallest unit with two/three/four LEDs and LF-2TERM terminating connector (L x W x H): 37.1/56.6/77.1 mm x 8 mm x 2.5 mm.
 Basic dimensions of smallest unit with five LEDs without terminating connector (L x W x H): 100 mm x 8 mm x 2.5 mm.



All figures in mm



Product reference

Product number



LINEARlight Flex® LF05E

LF05E-W2F-827	4008321546722	white	200	24	24.5	120	–	2700	8
LF05E-W2F-830	4008321955401	white	200	24	24.5	120	–	3000	8
LF05E-W2F-840	4008321955395	white	200	24	24.5	120	–	4000	8
LF05E-W2F-854	4008321965643	white	200	24	24.5	120	–	5400	8
LF05E-R1	4008321955418	red	200	36	36	120	625	–	8
LF05E-Y1	4008321955432	yellow	200	36	36	120	587	–	8
LF05E-T2	4008321955449	green	200	24	24.5	120	525	–	8
LF05E-B2	4008321955425	blue	200	24	24.5	120	470	–	8

Basic dimensions of smallest unit with two/three/four LEDs and LF-2TERM terminating connector (L x W x H): 53.6/83.6/113.6 mm x 8 mm x 2.5 mm.
 Basic dimensions of smallest unit with five LEDs without terminating connector (L x W x H): 150 mm x 8 mm x 2.5 mm.

For current photometric data and important safety, installation and application information, see www.osram.com/led-systems-downloads.

1) All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

An alternative with a big effect: LINEARlight Flex® SIDELED®.

LINEARlight Flex® SIDELED® extends the range of LED systems from OSRAM suitable for illuminated signage. The side-emitting version of the LINEARlight Flex® module offers indirect lighting that gives lettering an eye-catching corona effect.



Special features:

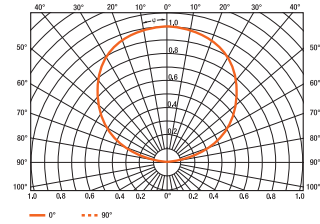
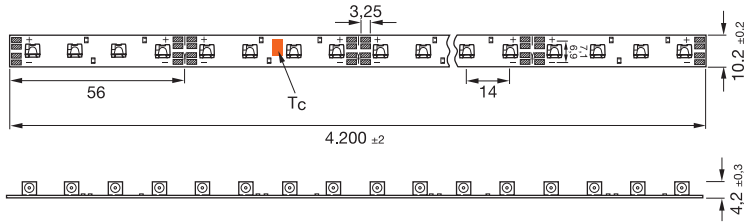
- Flexible, splittable LED tape with 300 LEDs per roll
- Total length of 4.2 meters
- The self-adhesive backing makes installation in metallic lettering easier. The module can be split at specially marked points so that individual lengths can be used
- Light emission parallel to the mounting surface and the small mounting height mean this module can be used in very tight places
- Fully compatible with 10V OPTOTRONIC® control gear

Applications:

- Marker lights for walkways and outlines (for escape routes, edges and steps)
- In illuminated advertising (corona effect)

Optional accessories on pages 90 and 94 f.

LINEARlight Flex® SIDELED®



All figures in mm

Product reference	Product number	COLOR		V_{DC} ¹⁾	W ¹⁾	Δ ¹⁾	λ ¹⁾	K ¹⁾	
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LINEARlight Flex® SIDELED®

LM11A-W3-847	4008321 187161	white	300	10	30	120	–	4700	8
LM11A-W3-854	4008321 187185	white	300	10	30	120	–	5400	8
LM11A-W3-865	4008321 187208	white	300	10	30	120	–	6500	8
LM11A-A	4008321 086952	red	300	10	15	120	615	–	8
LM11A-B	4008321 086976	blue	300	10	30	120	470	–	8
LM11A-T	4008321 086990	green	300	10	30	120	528	–	8
LM11A-Y1	4050300 946016	yellow	300	10	22.5	120	587	–	8

Modules are perfectly matched to 10V OSRAM OPTOTRONIC® electronic control gear.
 Dimensions of smallest unit with four LEDs (L x W x H): 56 mm x 10 mm x 5 mm.

For current photometric data and important safety, installation and application information, see www.osram.com/led-systems-downloads.



Attractive backlighting: with a wide side beam angle of 120°, the LINEARlight Flex® SIDELED® modules create an appealing contour (corona effect) around complex structures and lettering.

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A straightforward choice: LINEARlight.

A straight line is the shortest distance between two points. That does not sound especially creative. But with LINEARlight, this shortest distance becomes a brilliant design element. Optional accessories such as optics and the LINEARlight Track system open up even more design options. So not without reason, this module is suitable for universal use.



Special features:

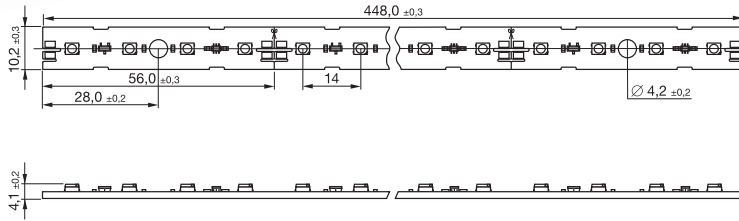
- Low thermal output
- Low height for low-profile surface/enclosed mounting
- Can be extended to up to three modules, colors can be combined
- Expandable with optional accessories
- Dimmable by pulse width modulation (PWM)
- Optics matched to the smallest unit
- Module can be divided into small units without affecting the function of the remainder of the board

Applications:

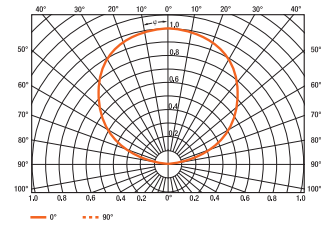
- Injection of light into low-profile light guides and displays
- Linear structures in display cabinets and furniture
- Marker lights for walkways and outlines (for escape routes, edges and steps)

Optional accessories on pages 91, 92 and 94 f.

LINEARlight



All figures in mm



Product reference

Product number

COLOR

V_{DC} ¹⁾

W ¹⁾

λ ¹⁾

K ¹⁾

LINEARlight

LM01A-W3F-827	4008321 372390	white	32	10	4	120	–	2700	10
LM01A-W3F-840	4008321 343413	white	32	10	4	120	–	4000	10
LM01A-W3F-854	4008321 387950	white	32	10	4	120	–	5400	10
LM01A-A1	4050300 887128	red	32	10	4	120	617	–	10
LM01A-S1	4050300 888002	super red	32	10	4	120	633	–	10
LM01A-O1	4050300 888040	orange	32	10	4	120	606	–	10
LM01A-B2	4008321 313652	blue	32	10	4	120	470	–	10
LM01A-T2	4050300 887845	green	32	10	4	120	525	–	10
LM01A-Y1	4008321 015969	yellow	32	10	4	120	587	–	10

Modules are perfectly matched to 10V OSRAM OPTOTRONIC® electronic control gear.

Dimensions of smallest unit with four LEDs (L x W x H): 56 mm x 10 mm x 4 mm.

For current photometric data and important safety, installation and application information, see www.osram.com/led-systems-downloads.



LINEARlight can be used in handrails for decorative accent lighting and orientation.

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Optional accessories.



DRAGONtape® Optics

Depending on the light color, the optics reduce the beam angle from 120°. Whereas OP1x1-10 and OP1x1-30 distribute the light symmetrically, the distribution is asymmetrical with OP1x1-14x22. The optics can also be used for the board of the LINEARlight-DRAGON® module.

Special feature:

- High optical efficiency

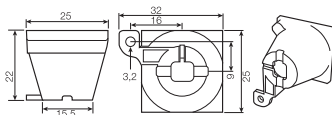
Product reference

Product number



DRAGONtape® Optics

OP1x1-10	4008321 909893	10	150
OP1x1-30	4008321 909770	30	150
OP1x1-14x22	4008321 909787	14x22	150

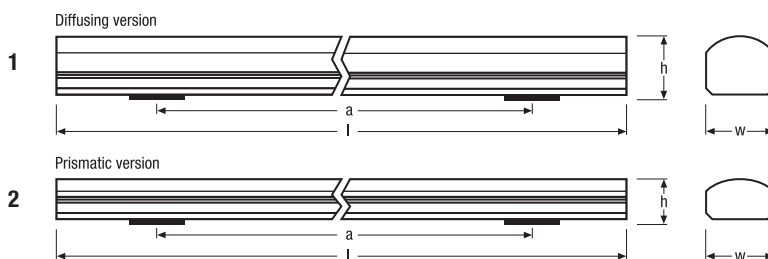


All figures in mm

For current data and important safety, installation and application information, see www.osram.com/led-systems-downloads.



LINEARlight Track





Measurement for each end cap:

Length (l): 3.5 mm
Height (h): 2 mm
Width (w): 4 mm

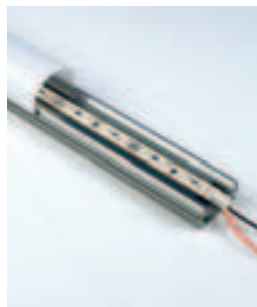
Special features:

- Lightweight, universal aluminium track system for flexible and rigid OSRAM LINEARlight LED modules
- Two versions: prismatic version for indirect lighting and diffusing version for direct and uniform lighting
- Simple assembly and installation of the LED modules, either individually or as strip lighting
- Tracks available in two different lengths, can be shortened to any length
- Optimum cooling of the LED modules for long life and maximum reliability
- The PMMA covers have been optimized for the various applications and protect the LED modules against dirt at the same time
- Complete with mounting brackets and coupling elements

LINEARlight Track

Product reference	Product number	L x W x H without end cap	Recommended mounting hole spacing for metal brackets (a)		 No.
LINEARlight Track					
LT-H047-S	4008321 256805	464 x 35.5 x 37.5 mm	232 mm (2 pieces)	10	1
LT-H143-S	4008321 256829	1424 x 35.5 x 37.5 mm	475 mm (3 pieces)	6	1
LT-H047-P	4008321 239563	464 x 35.5 x 26.5 mm	232 mm (2 pieces)	10	2
LT-H143-P	4008321 239587	1424 x 35.5 x 26.5 mm	475 mm (3 pieces)	6	2

For current photometric data and important safety, installation and application information, see www.osram.com/led-systems-downloads.



Simply fix the LED module in the track system with adhesive and connect to the OPTOTRONIC® control gear with the optional OSRAM CONNECTsystem. That's it!



Rapid installation as continuous strip lighting because the elements link together (metal pins included).



LINEARlight Track is suitable for flexible and rigid OSRAM LINEARlight LED modules.



Movable metal brackets provide flexibility in the hole spacings to make installation easier (metal brackets included).