LED ITION



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Edition profile luminaires

(on request)

2020 / 2021

LED surface-mounted profile luminaires,
LED recessed profile luminaires

Modern surface-mounted and recessed LED profile luminaires

On request







The company





Management
Dirk Assenmacher, Oliver Kersting

Wilhelm Koch GmbH

Wilhelm Koch GmbH was founded in Gütersloh in 1938 as a manufacturer of machines for furniture production. Wholesaling of fittings and accessories for the furniture industry was quickly added, and the company soon became popular. As Koch grew to keep pace with the furniture industry, the company started to specialise in 1957. Specialty lighting for bars became the focus, and Koch soon became one of the leading providers of furniture lighting in the industry.

Constant ongoing development of the company ultimately allowed us to relocate operations in 1993 to our current location in Rheda-Wiedenbrück, and it allowed us to expand significantly. As a lighting technology systems provider and a manufacturer of lighting systems for furniture, we possess a wide assortment of innovative solutions developed for the individual lighting needs of our customers. Our goal is to contribute to our customers' success with outstanding products and new ideas. Our team's commitment and our consistent quality management both contribute to this goal.
We develop our luminaires and control systems by ourselves, work together with the most efficient national and international suppliers and do our manufacturing in our region, in the heart of Germany - a region with outstanding infrastructure and in which furniture supplier industry enjoys a long tradition.

LED profile luminaires

Individual composition as surface-mounted and recessed versions



With the kind support of the company Voglauer

LEDITION



With the kind support of WM Wöstmann GmbH & Co. KG

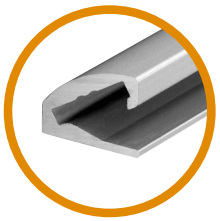
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Success with LED profile luminaires

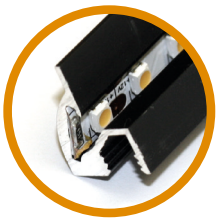
Our LED profile luminaires open up new design options by versatility and function and set up optimally the furniture. They create space for design with light.
With innovative concepts, we open up a wide range of applications and find the right solution for all installation and installation situations.

In order to contribute with new ideas to the success of our customers, we rely on constant development and improvement of our luminaires as well as our large assortment of accessories. The result is an excellent service life and safe function of our products. At the same time, the optimal price-performance ratio meets the high expectations of our customers.

All LED profile luminaires shown here are not standard, but are individually tailored to needs and can only be ordered on request.



Light Line surface-mounted profile luminaire



Reflex Line surface-mounted profile luminaire



Q Line surface-mounted profile luminaire



Q Line recessed profile luminaire



Q Line Mini surface-mounted profile luminaire



Q Line Mini recessed profile luminaire



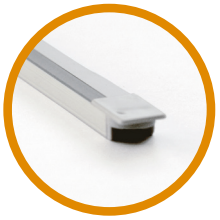
Surf Line surface-mounted profile luminaire



Surf Line recessed profile luminaire



Surf Line Mini surface-mounted profile luminaire



Surf Line Mini recessed profile luminaire

Success with LED profile luminaires

New design possibilities with innovative concepts for optimal results !







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With the kind support of the company Mintjens



Light Line surface-mounted
LED profile luminaire

Product benefits

- Miniature linear luminaire
- Directed light by reflective surface
- Shadow-free furniture body illumination when used at the front of the body
- Directed light on the rear wall when vertically mounted at the back of the side walls
- Can be used with or without screw-on end caps
- Possible rear fastening with double-sided adhesive tape
- LED component density: preferably 90 LEDs/m (R111), other LED component densities possible
- LED light colours: warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (5.500 Kelvin)
- Housing colours: aluminium anodized EV1, painted stainless steel, black lacquered, other colours on request
- Length max. 3000 mm, width 10 mm, height 7.3 mm
- 2000 mm connection cable with LED-plug

Application

- Furniture lighting
- Object lighting

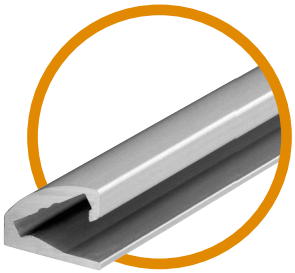
Only available on request. Please ask for your desired version.

Switching options

Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“

Different Models

- Light Line warm white (3.200 Kelvin)
- Light Line neutral white (4.000 Kelvin)
- Light Line cold white (5.500 Kelvin)
- Ready-made luminaire to measure (length max. 3.000 mm),for surface-mounted version with or without end caps



Light Line LED profile luminaire without end caps

- Length max. 3000 mm
- Width 10 mm
- Height 7.3 mm



Light Line
LED profile luminaire

- With transparent screw-on plastic end caps for countersunk screws from 3 x 15 mm

Optional accessories

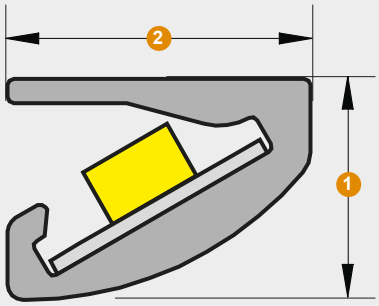


Light Line end caps

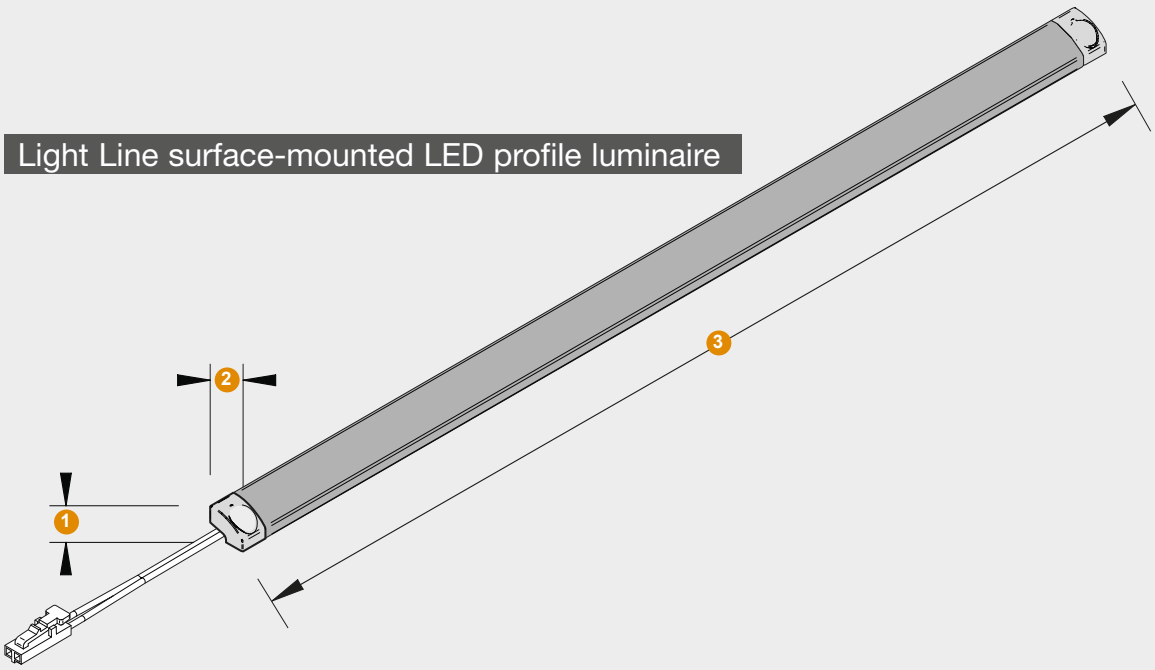
- Transparent
- Screwable for countersunk screws from 3 x 15 mm

Dimensional drawing

Light Line profile cross-section



Light Line surface-mounted LED profile luminaire



Dimensions

Description	Light Line LED surface-mounted profile luminaire (mm)
1. Profile height / groove depth	7.3
2. Profile width / groove width	10
3. Luminaire length incl. end caps	max. 3016

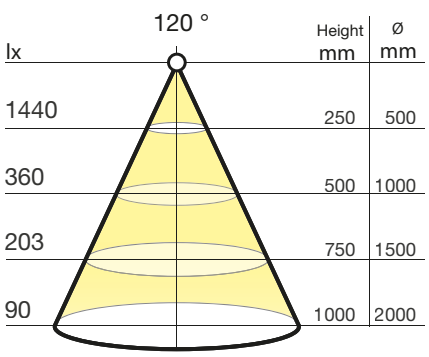
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	surface-mounted LED profile luminaire
LED density:	preferably 90 LEDs/m (R111)
Surface:	aluminium anodised EV 1, stainless steel lacquered, black lacquered
Light colours:	warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (5.500 Kelvin)
Mounting:	using double-sided adhesive tape or clear screw-on plastic end caps
Supply lead:	2000 mm connection cable with LED-plug
Length:	max. 3000 mm (without end caps)
Width, height:	10 mm, 7.3 mm

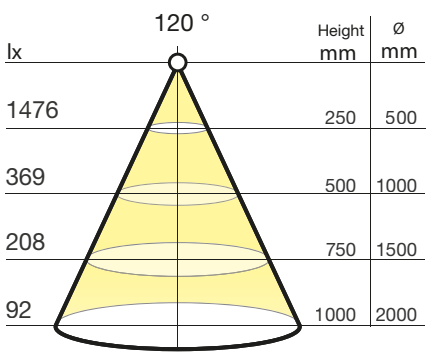
Light distribution 120°

The specifications for light distribution are valid values at the date of issue.
Light Line, 90°: The values refer to a 1 m flex strip length R111.

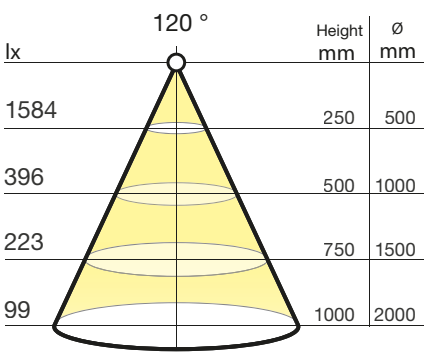
warm white



neutral white



cold white



LED ITION

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With the kind support of WM Wöstmann GmbH & Co. KG

Reflex Line surface-mounted LED profile luminaire

Product benefits

- Linear luminaire
- By vertical mounting on the side walls, the special housing construction ensures directed, glare- and point-free light on the back of the cabinet
- Manufactured to a furniture body internal dimension, without end caps
- Rear fastening with double-sided adhesive tape or with holding pin for row holes of Ø 3 mm
- LED density: preferably 120 LEDs/m (R81), other LED component densities possible
- LED light colours: warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (5.500 Kelvin)
- Housing colours: aluminium anodized EV1, black lacquered, other colours on request
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 13 mm, height 16.5 mm
- Optimal illumination of structural back panels

Application

- Furniture lighting
- Object lighting

Different models

- Reflex Line warm white (3.200 Kelvin)
- Reflex Line neutral white (4.000 Kelvin)
- Reflex Line cold white (5.500 Kelvin)

- Ready-made luminaire to measure (Length max. 3.000 mm), for surface-mounted version without end caps for exact body measurements

Only available on request. Please ask for your desired version.



Reflex Line LED profile luminaire without end caps

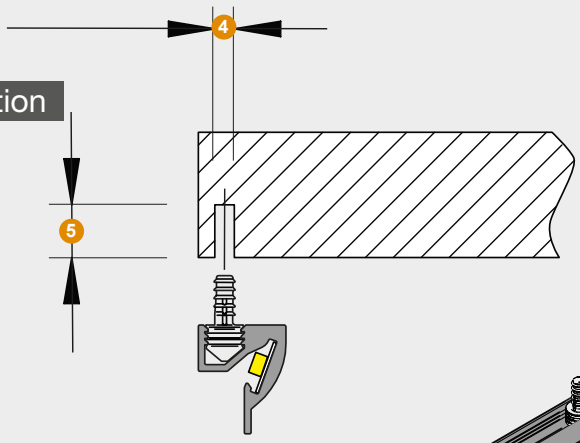
- Mounting: Using of double-sided adhesive tape or holding pin for row holes of 3 mm in the body side

Switching options

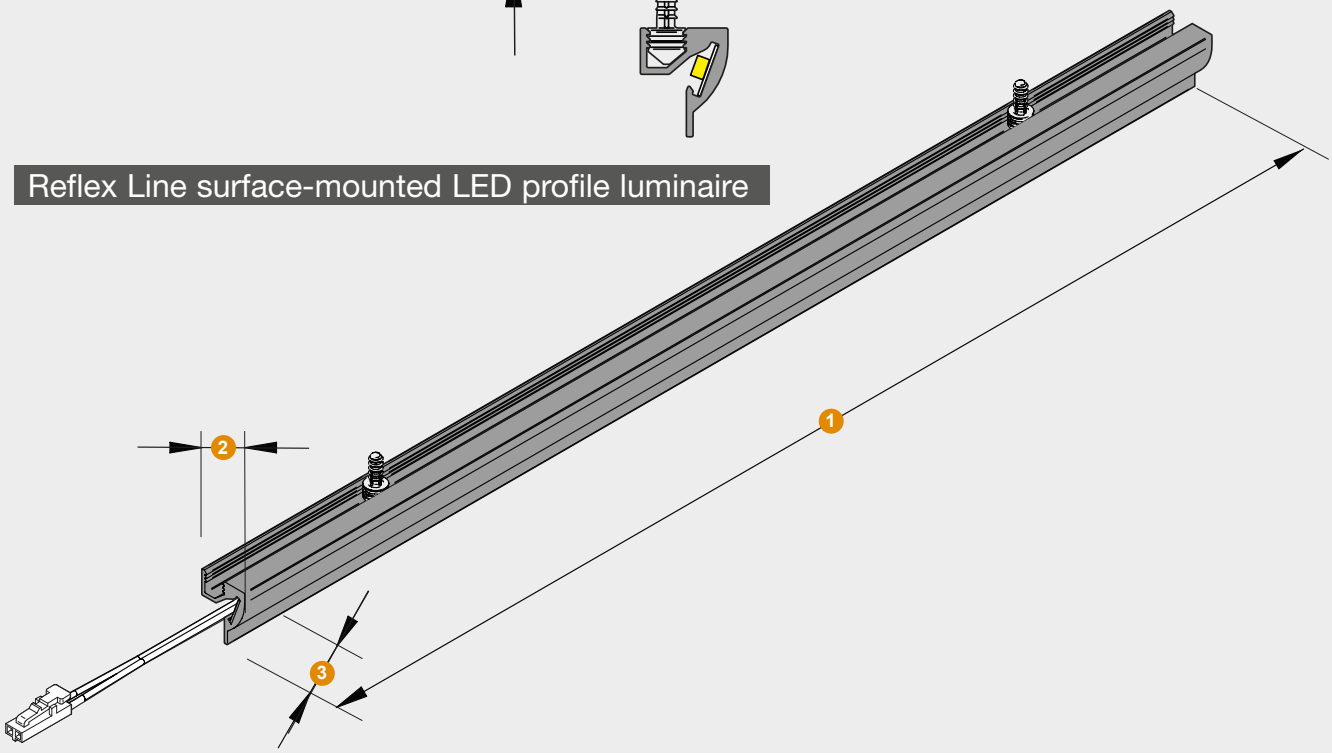
Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“

Dimensional drawing

Reflex Line profile cross-section



Reflex Line surface-mounted LED profile luminaire



Dimensions

Description	Reflex Line surface-mounted LED profile luminaire (mm)
1. Luminaire length (cabinet interior dimension)	max. 3000
2. Profile width	13
3. Profile height	16.5
4. Holding pin- Ø	3
5. Holding pin depth (groove depth)	8

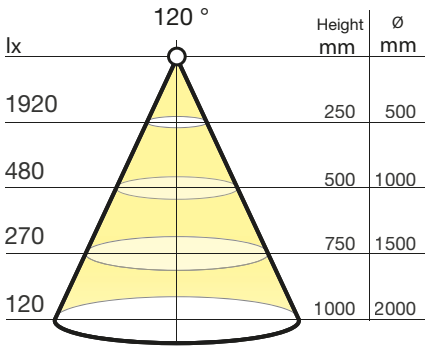
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	surface-mounted LED profile luminaire
LED density:	preferably 120 LEDs/m (R81)
Surface:	aluminium anodised EV 1, black lacquered
Light colours:	warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (5.500 Kelvin)
Mounting :	rear fastening with double-sided adhesive tape or with holding pin for row holes Ø 3 mm
Supply lead:	2000 mm connection cable with LED-plug
Length:	max. 3000 mm
Width, height	13 mm, 16.5 mm

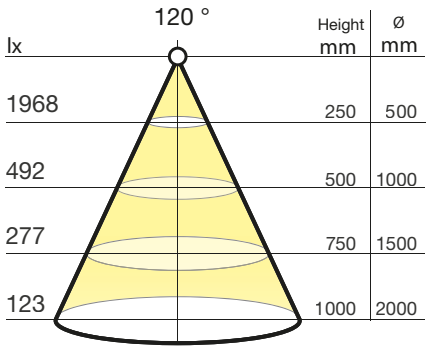
Light distribution 120°

The specifications for light distribution are valid values at the date of issue.
Reflex Line, 90°: The values refer to a 1 m flex strip length R81.

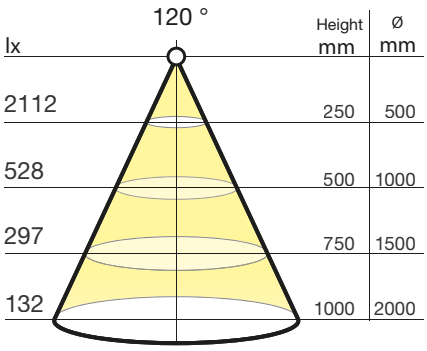
warm white



neutral white



cold white



LEDITION



With the kind support of Thielemeyer GmbH & Co. KG.

Q Line surface-mounted LED profile luminaire opal

Product benefits

- Square luminaire profile
- Due to the opalization, despite the low profile dimensions with a LED density of 120 LEDs/m, an almost light point-free, homogeneous light emission can be realized
- Can be used for many different installation situations by using double-sided adhesive tape or transparent screw-on clips
- LED density: preferably 120 LEDs/m (R81) for warm white / neutral white / cold white; 60 LEDs/m cold white + 60 LEDs/m warm white (R165T), other LED densities possible
- LED light colours: warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (6.000 Kelvin), Duo (2.700 Kelvin - 6.500 Kelvin)
- Housing: white opal plastic
- Form-fitting finish by end caps
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 10 mm, height 10 mm
- Transparent screw-on clips, for countersunk screws from 3 x 15 mm, optionally available

Application

- Furniture lighting
- Object lighting

Switching options

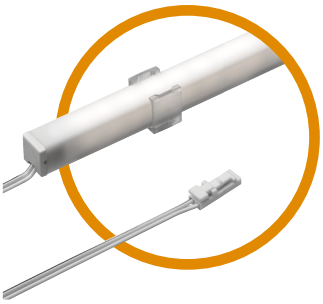
Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“

Different models

- Q Line warm white (3.200 Kelvin)
- Q Line neutral white (4.000 Kelvin)
- Q Line cold white (6.000 Kelvin)
- Q Line Duo (2.700 Kelvin - 6.500 Kelvin)

- Ready-made luminaire to measure (Length max. 3.000 mm), for surface-mounted version without end caps for exact body measurements

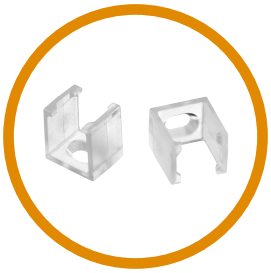
Only available on request. Please ask for your desired version.



Q Line
Surface-mounted LED profile luminaire

- With transparent screw-on clips for fastening with countersunk screws from 3 x 15 mm

Optional accessories

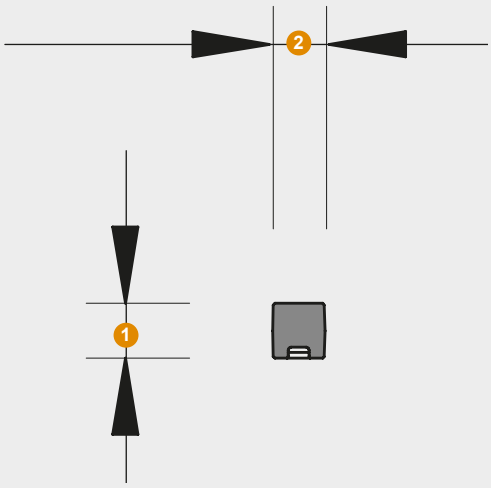


Q Line screw-on clips

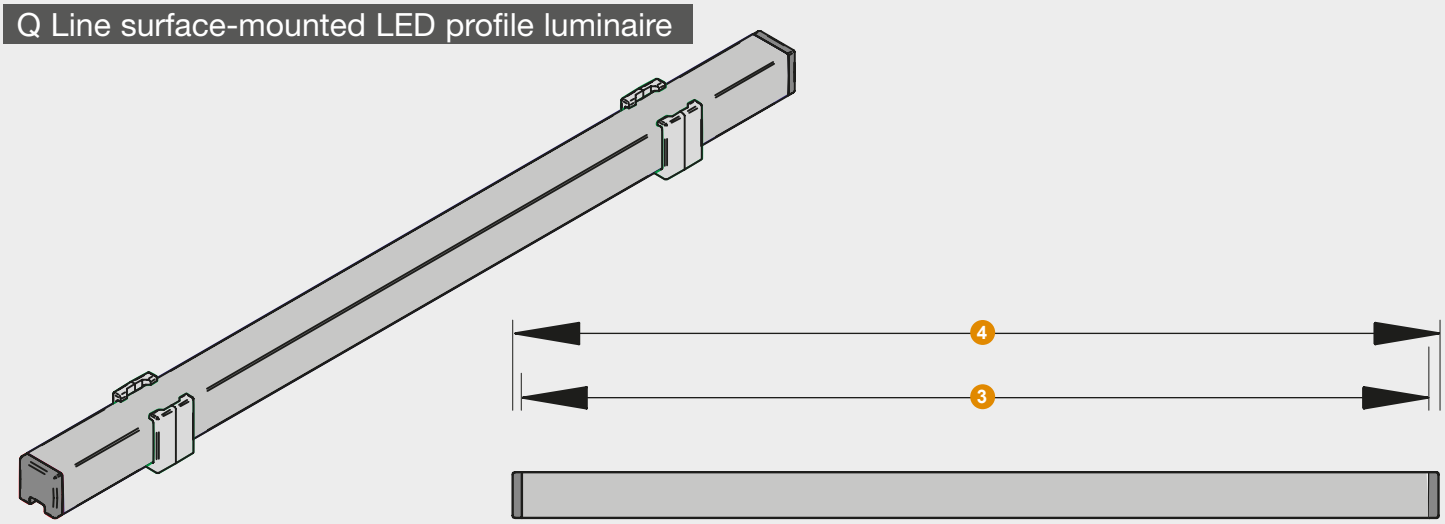
- Transparent
- For countersunk screws from 3 x 15 mm

Dimensional drawing

Q Line profile cross-section



Q Line surface-mounted LED profile luminaire



Dimensions

Description	Q Line surface-mounted LED profile luminaire (mm)
1. Profile height	10
2. Profile width	10
3. Luminaire length without end caps	max. 3000
4. Luminaire length with end caps	max. 3004

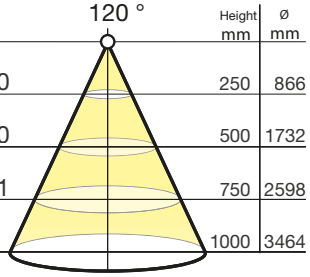
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	surface-mounted LED profile luminaire
LED density:	preferably 120 LEDs/m (R81/R165T)
Surface:	opal plastic
Light colours:	warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (6.000 Kelvin), Duo (2.700 Kelvin -6.500 Kelvin)
Surface screw-on clips:	transparent plastic
Mounting:	using double-sided adhesive tape or with transparent screw-on clips
Supply lead:	2000 mm connection cable with LED-plug
Length:	max. 3000 mm
Width, height	10 mm

Light distribution 120°

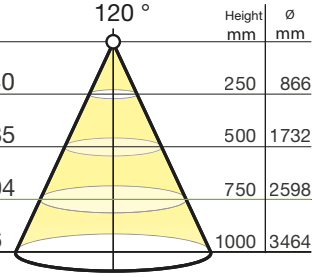
The specifications for light distribution are valid values at the date of issue.
Q Line: The values refer to a 1 m flex strip length R81 or R165T.

Q Line opal, warm white



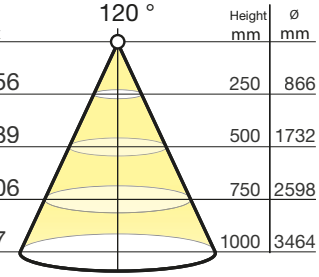
lx	Height mm	ø mm
720	250	866
180	500	1732
101	750	2598
45	1000	3464

Q Line opal, neutral white



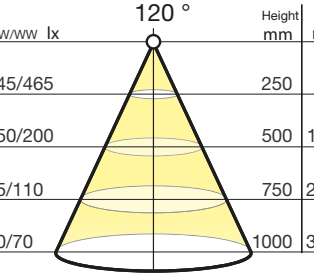
lx	Height mm	ø mm
740	250	866
185	500	1732
104	750	2598
46	1000	3464

Q Line opal, cold white

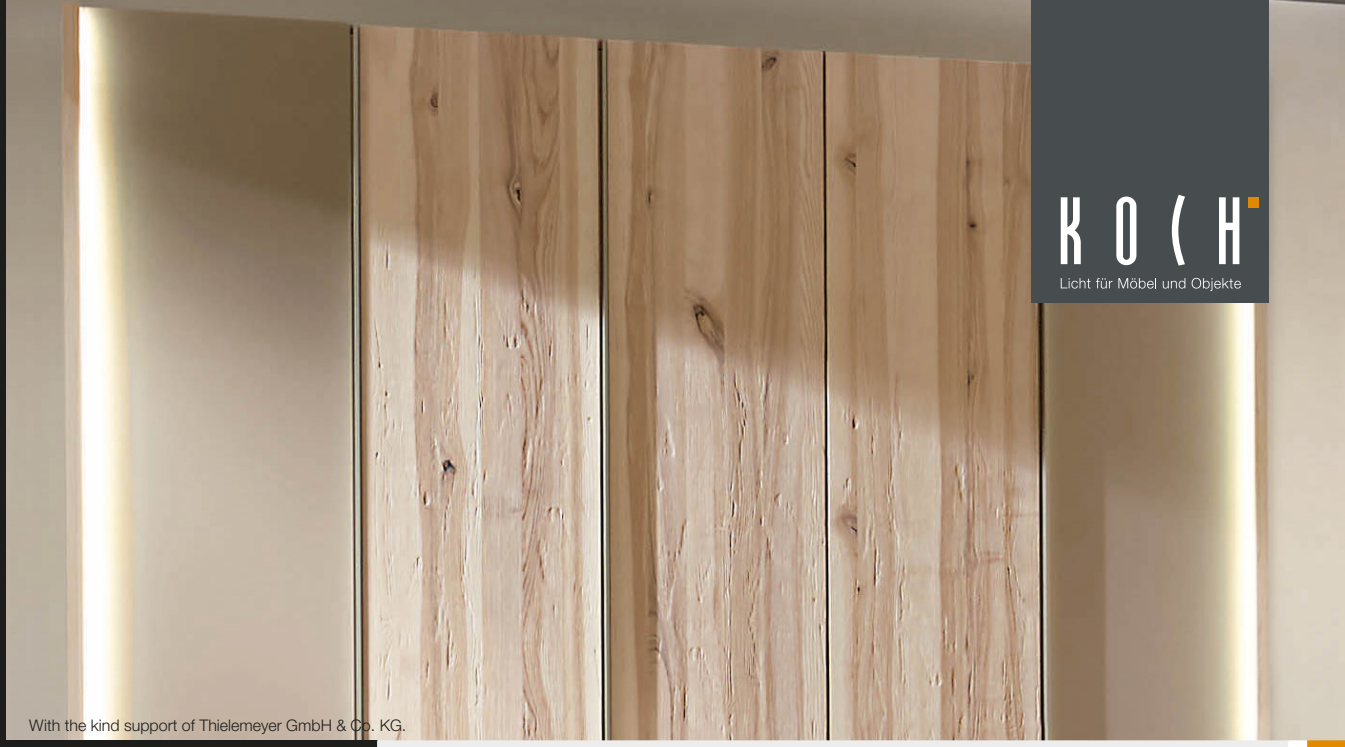


lx	Height mm	ø mm
756	250	866
189	500	1732
106	750	2598
47	1000	3464

Q Line opal, Duo



DW/WW lx	Height mm	ø mm
345/465	250	866
150/200	500	1732
85/110	750	2598
50/70	1000	3464



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Q Line recessed
LED profile luminaire opal

Product benefits

- Square luminaire profile
- Due to the opalization, despite the low profile dimensions with a LED density of 120 LEDs/m, an almost light point-free, homogeneous light emission can be realized
- Can be used as a milling profile, firm hold in the milling groove due to the slight crowning of the side walls
- LED component density: preferably 120 LEDs/m (R81) for warm white / neutral white / cold white; 60 LEDs/m cold white + 60 LEDs/m warm white (R165T), other LED component densities possible
- LED light colours: warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (6.000 Kelvin), Duo (2.700 Kelvin - 6.500 Kelvin)
- Housing: white opal plastic
- Form-fitting finish by end caps
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 10 mm, height 10 mm

Application

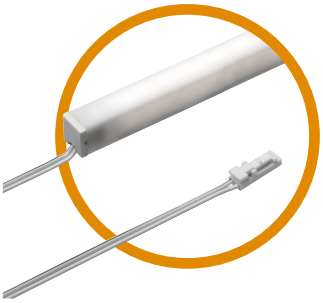
- Furniture lighting
- Object lighting

Different models

- Q Line warm white (3.200 Kelvin)
- Q Line neutral white (4.000 Kelvin)
- Q Line cold white (6.000 Kelvin)
- Q Line Duo (2.700 Kelvin - 6.500 Kelvin)

- Ready-made luminaire to measure (Length max. 3.000 mm)

Only available on request. Please ask for your desired version.



Q-Line
recessed LED profile luminaire

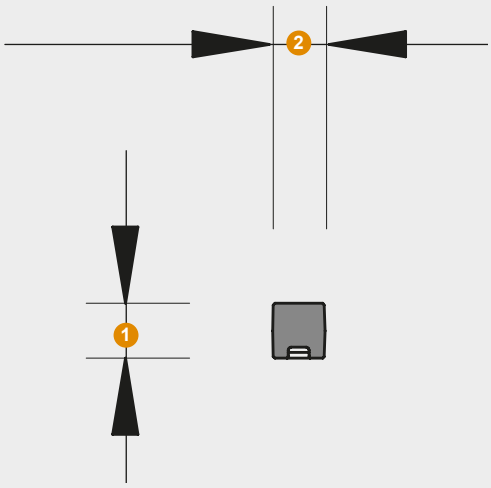
- Mounting :
  - Using double-sided adhesive tape
  - Firm hold in the milling groove due to the slight crowning of the side walls

Switching options

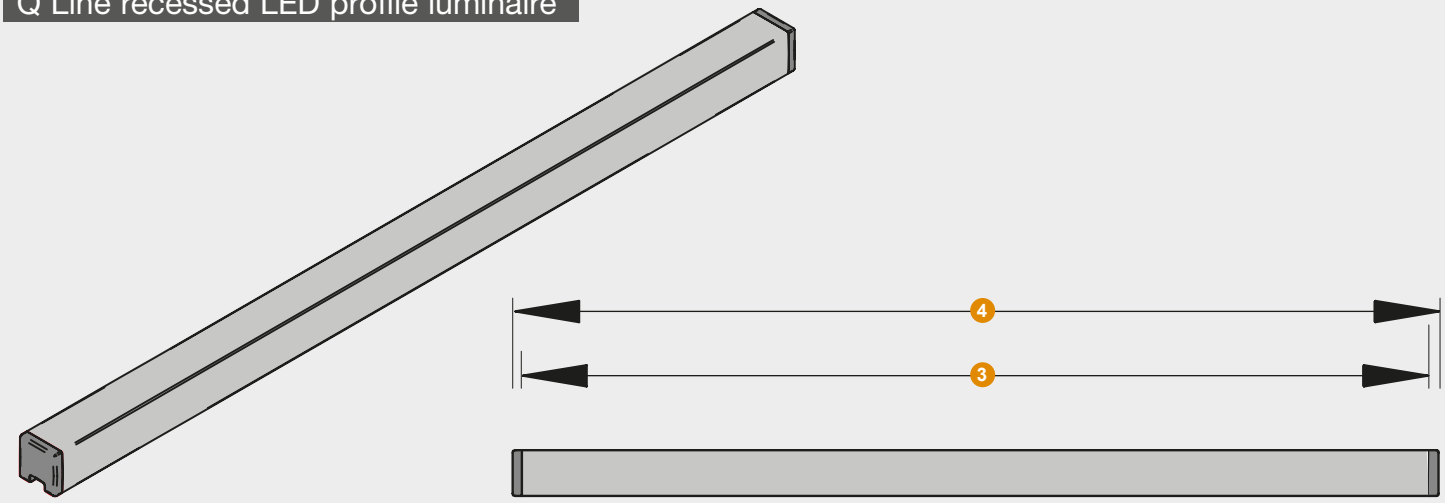
Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“

Dimensional drawing

Q Line profile cross-section



Q Line recessed LED profile luminaire



Dimensions

Description	Q Line recessed LED profile luminaire (mm)
1. Profile height / groove depth	10
2. Profile width / groove width	10
3. Luminaire length without end caps	max. 3000
4. Luminaire length with end caps	max. 3004

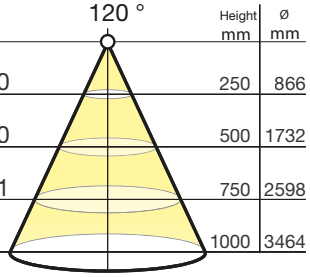
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	recessed LED profile luminaire
LED density:	preferably 120 LEDs/m (R81/R165T)
Surface:	opal plastic
Light colours:	warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (6.000 Kelvin), Duo (2.700 Kelvin - 6.500 Kelvin)
Surface screw-on clips:	transparent plastic
Mounting :	using double-sided adhesive tape or transparent screw-on clips
Supply lead:	2000 mm connection cable with LED-plug
Length:	max. 3000 mm
Width, height	10 mm

Light distribution 120°

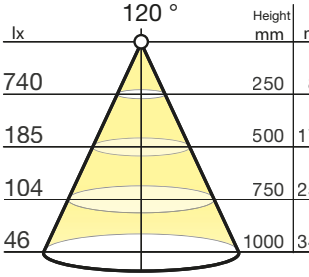
The specifications for light distribution are valid values at the date of issue.
Q Line: The values refer to a 1 m flex strip length R81 or R165T.

Q Line opal, warm white



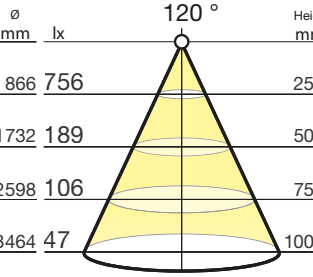
lx	Height mm	ø mm
720	250	866
180	500	1732
101	750	2598
45	1000	3464

Q Line opal, neutral white



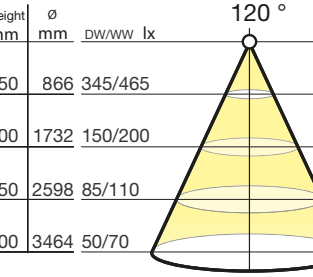
lx	Height mm	ø mm
740	250	866
185	500	1732
104	750	2598
46	1000	3464

Q Line opal, cold white



lx	Height mm	ø mm
756	250	866
189	500	1732
106	750	2598
47	1000	3464

Q Line opal, Duo



DW/WW lx	Height mm	ø mm
345/465	250	866
150/200	500	1732
85/110	750	2598
50/70	1000	3464



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With the kind support of Wimmer Wohnkollektionen GmbH

Q Line Mini surface-mounted LED profile luminaire opal / clear

Product benefits

- Square luminaire profile
- Due to the opalization, despite the low profile dimensions with a LED density of 120 LEDs/m, an almost light point-free, homogeneous light emission can be realized
- Can be used for many different installation situations by using double-sided adhesive tape or transparent screw-on clips
- LED component density: 120 LEDs/m (R81 Mini = 3,5 mm width)
- LED light colours: warm white (3.000 Kelvin), warm white Low Wattage (ww/(LW) 3.000 Kelvin), cold white (5.000 Kelvin)
- Housing: transparent or opal plastic
- Form-fitting finish by end caps
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 6 mm, height 6 mm
- Optional transparent screw-on clips, for countersunk screws from 3 x 15 mm

Different models

- Q Line Mini warm white (3.000 Kelvin)
- Q Line Mini warm white Low Wattage (3.000 Kelvin)
- Q Line Mini cold white (5.000 Kelvin)
- Ready-made luminaire to measure (Length max. 3.000 mm), for surface-mounted version without end caps for exact body measurements

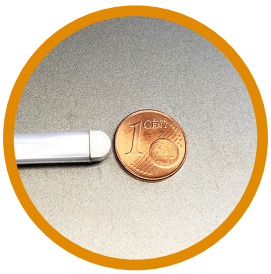
Application

- Furniture lighting, object lighting

Only available on request. Please ask for your desired version.

Switching options

Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“



- Filigree profile dimension: 6 mm x 6 mm (width x height)



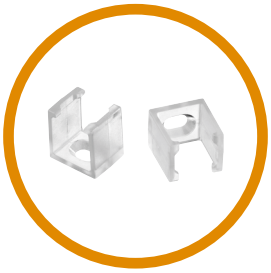
LED profile opal
with round end caps

Q Line Mini surface-mounted LED profile luminaire

- Mounting :
  - Using double-sided adhesive tape
- With screw-on clips for fastening with countersunk screws from 3x15 mm



LED profile clear
with square end caps



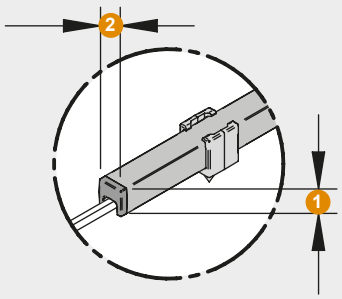
Optional accessories

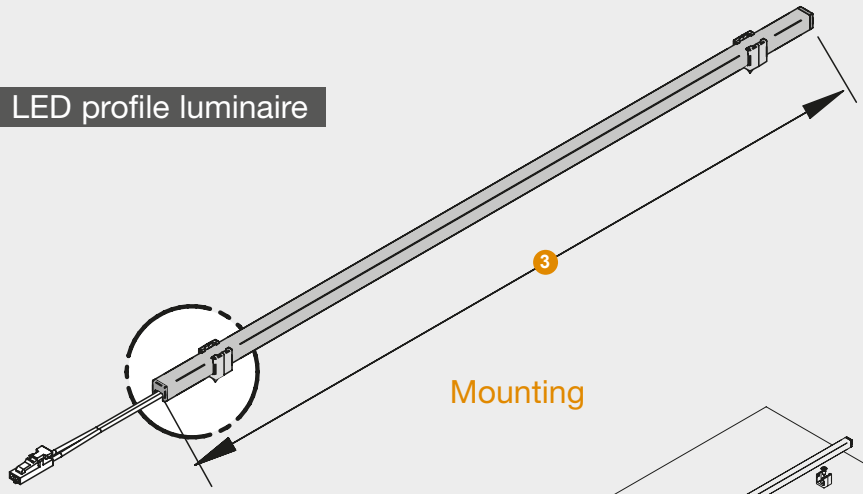
Q Line Mini screw-on clips

- Transparent
- For countersunk screws from 3 x 15 mm

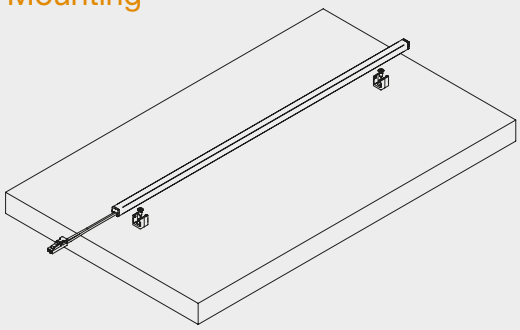
Dimensional drawing

Q Line Mini surface-mounted LED profile luminaire





Mounting



Dimensions

Description	Q Line Mini surface-mounted LED profile luminaire (mm)
1. Profile height	6
2. Profile width	6
3. Luminaire length with end caps	max. 3000
4. Luminaire length without end caps	max. 2997

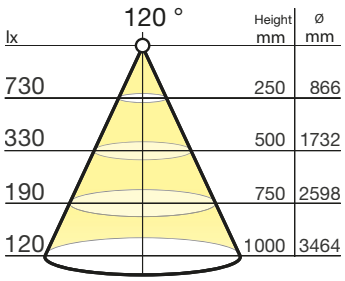
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	surface-mounted LED profile luminaire
LED density:	120 LEDs/m (R81 Mini)
Surface:	opal / transparent plastic
Light colours:	warm white (3.000 Kelvin), warm white Low Wattage (ww/(LW): 3.000 Kelvin), cold white (5.000 Kelvin)
Mounting :	using double-sided adhesive tape; with transparent screw-on clips for fastening with countersunk screws from 3 x 15 mm
Supply lead:	2000 mm connection cable with LED-plug
Length:	max. 3000 mm
Width, height	6 mm

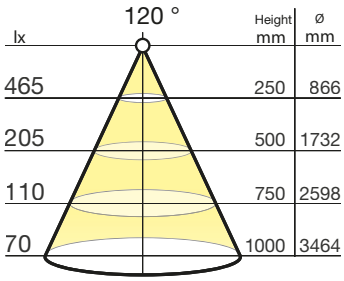
Light distribution 120°

The specifications for light distribution are valid values at the date of issue.
Q Line Mini: The values refer to a 1 m flex strip length Q Line Mini R81.

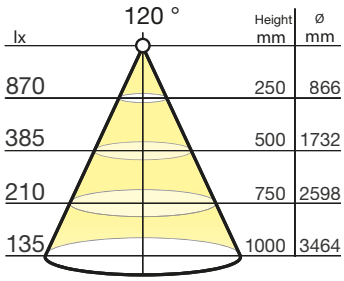
Q Line Mini opal, warm white



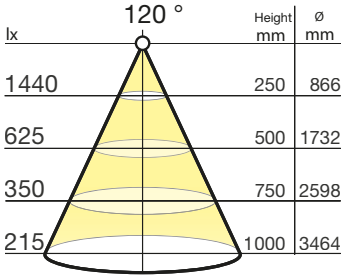
Q Line Mini opal, ww (LW)



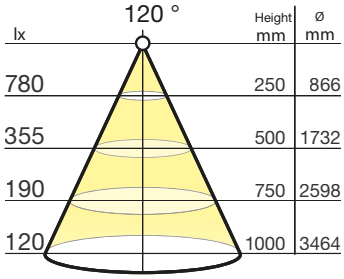
Q Line Mini opal, cold white



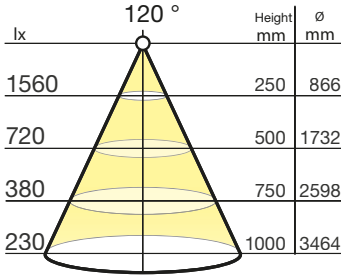
Q Line Mini clear, warm white



Q Line Mini clear, ww (LW)



Q Line Mini clear, cold white





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Q Line Mini recessed LED profile luminaire opal / clear

Product benefits

- Square luminaire profile
- Due to the opalization, despite the low profile dimensions with a LED density of 120 LEDs/m, an almost light point-free, homogeneous light emission can be realized
- Can be used as a milling profile, firm hold in the milling groove due to the slight crowning of the side walls
- LED component density: 120 LEDs/m (R81 Mini)
- LED light colours: Warm white (3.000 Kelvin), cold white (5.000 Kelvin)
- Housing: transparent or opal plastic
- Form-fitting finish by end caps
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 6 mm, height 6 mm

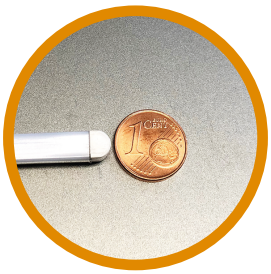
Different models

- Q Line Mini warm white (3.000 Kelvin)
- Q Line Mini warm white Low Wattage (3.000 Kelvin)
- Q Line Mini cold white (5.000 Kelvin)
- Ready-made luminaire to measure (Length max. 3.000 mm)

Application

- Furniture lighting
- Object lighting

Only available on request. Please ask for your desired version.



- Filigree profile dimension: 6 mm x 6 mm (width x height)



LED profile opal
with round end caps

Q Line Mini recessed LED profile luminaire

- Mounting :
  - Using double-sided adhesive tape
  - Firm hold in the milling groove due to the slight crowning of the side walls



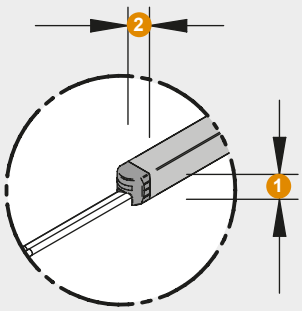
LED profile clear
with square end caps

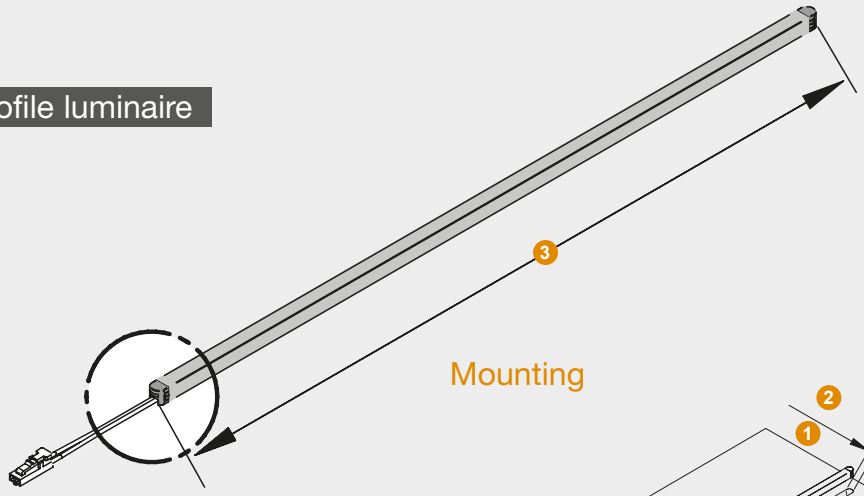
Switching options

Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“

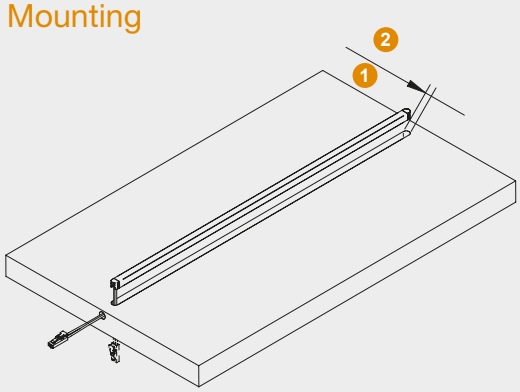
Dimensional drawing

Q Line Mini recessed LED profile luminaire





Mounting



Dimensions

Description	Q Line Mini recessed LED profile luminaire (mm)
1. Profile height / groove depth	6
2. Profile width / groove width	6
3. Luminaire length with end caps	max. 3000
4. Luminaire length without end caps	max. 2991

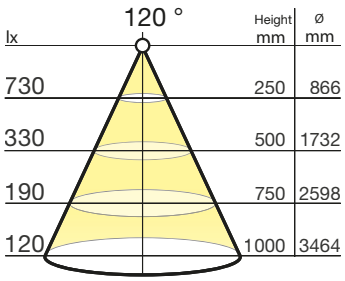
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	recessed LED profile luminaire
LED density:	120 LEDs/m (R81 Mini)
Surface:	opal / transparent plastic
Light colours:	warm white (3.000 Kelvin), warm white Low Wattage (ww/(LW): 3.000 Kelvin), cold white (5.000 Kelvin)
Mounting :	using double-sided adhesive tape; firm hold in the milling groove due to the slight balling of the side walls
Supply lead:	2000 mm connection cable with LED-plug
Length:	max. 3000 mm
Width, height	6 mm

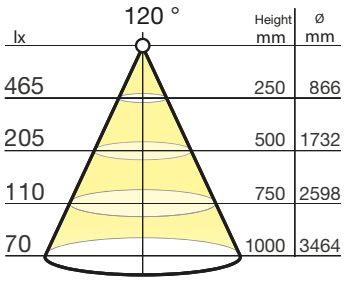
Light distribution 120°

The specifications for light distribution are valid values at the date of issue.
Q Line Mini: The values refer to a 1 m flex strip length Q Line Mini R81.

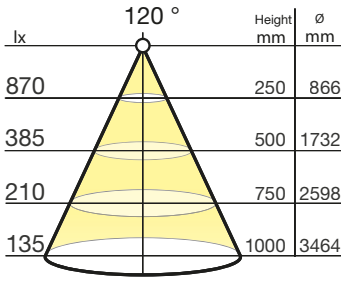
Q Line Mini opal, warm white



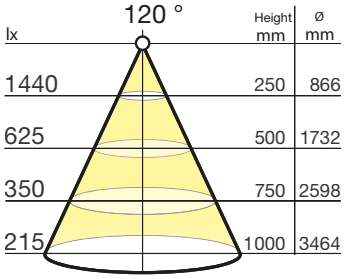
Q Line Mini opal, ww (LW)



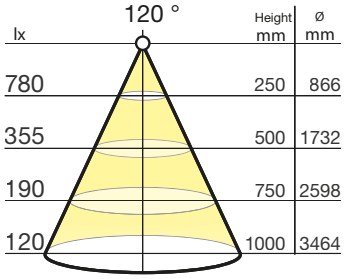
Q Line Mini opal, cold white



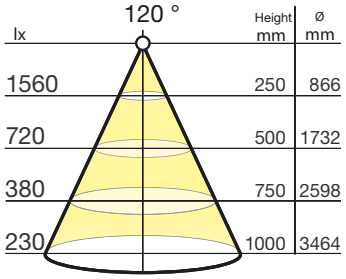
Q Line Mini clear, warm white



Q Line Mini clear, ww (LW)



Q Line Mini clear, cold white





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Surf Line surface-mounted LED profile luminaire

Product benefits

- Rectangular surface-mounted LED profile luminaire
- Special housing construction for optimal light reflection
- Universally applicable for light accents in the furniture body, as handle or front lighting
- With or without end caps (surface-mounted with round end caps with screw-on holes or surface-mounted with square end caps without screw-on holes)
- With or without opal diffuser
- Rear fastening with double-sided adhesive tape possible
- LED component density: preferably 120 LEDs/m (R81), other LED component densities possible
- LED light colours: warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (5.500 Kelvin)
- Housing colours: aluminium anodized EV1, other colours on request
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 18 mm, height 7 mm
- Optimal illumination of structural back panels

Application

- Furniture lighting
- Object lighting

Different models

- Surf Line warm white (3.200 Kelvin)
- Surf Line neutral white (4.000 Kelvin)
- Surf Line cold white (5.500 Kelvin)
- Surf Line with diffuser warm white (3.200 Kelvin)
- Surf Line with diffuser neutral white (4.000 Kelvin)
- Surf Line with diffuser cold white (5.500 Kelvin)
- Ready-made luminaire to measure (Length max. 3.000 mm), including end caps for surface-mounted version or without end caps

Only available on request. Please ask for your desired version.

Switching options

Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“







Surf Line LED profile

- Mounting:
  - Using double-sided adhesive tape or round end cap with screw-on holes
- With LED-plug

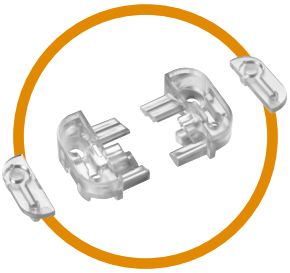


Surf Line (without diffuser) with round end caps

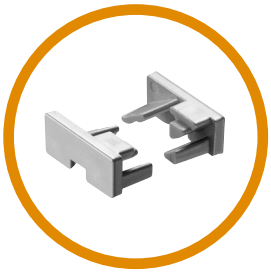


Surf Line (with diffuser) with square end caps

Optional accessories



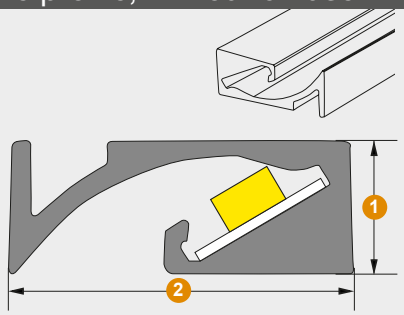
Surf Line end caps round, transparent



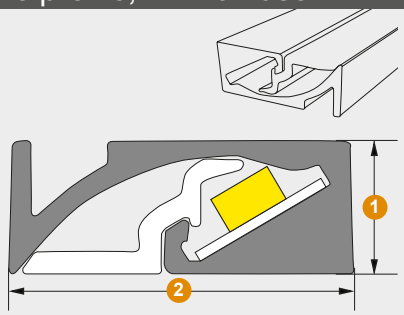
Surf Line end caps square, titanium

Dimensional drawing

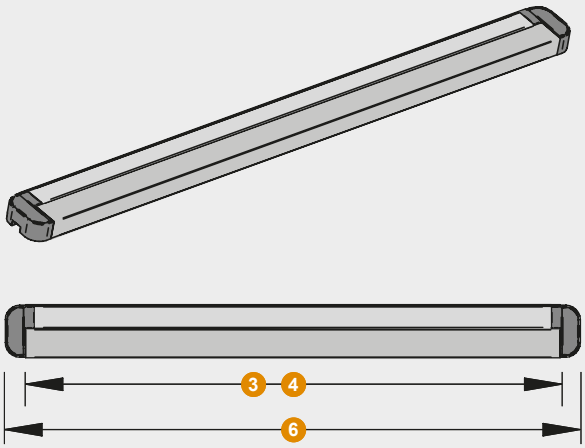
Surf Line profile, without diffuser



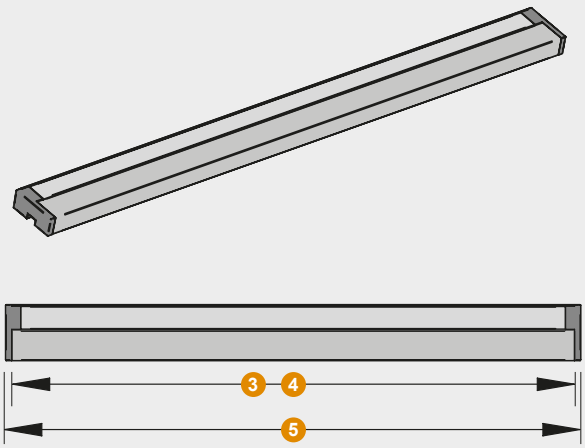
Surf Line profile, with diffuser



Surf Line profile with round end caps



Surf Line profile with square end caps



Dimensions

Description	Surf Line surface-mounted LED profile luminaire (mm)
1. Profile height	7
2. Profile width	18
3. Luminaire length (cabinet interior dimension)	max. 3000
4. Carrier profile length* without end caps	3000
5. Carrier profile length* with square end caps	3000 - 6 = 2994
6. Carrier profile length* with round end caps	3000 - 16 = 2984

* Carrier profile length tolerance: +0,5 mm

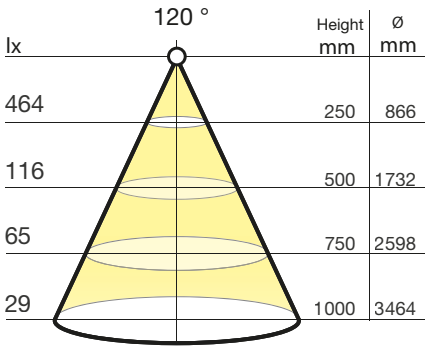
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	surface-mounted LED profile luminaire
LED density:	preferably 120 LEDs/m (R81)
Surface:	aluminium anodised EV 1
Light colours:	warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (5.500 Kelvin)
Mounting :	using double-sided adhesive tape or round end cap with screw-on holes
Supply lead:	2000 mm connection cable with LED-plug
Surface light panel:	opal
Length:	max. 3000 mm
Width:	18 mm
Height	7 mm

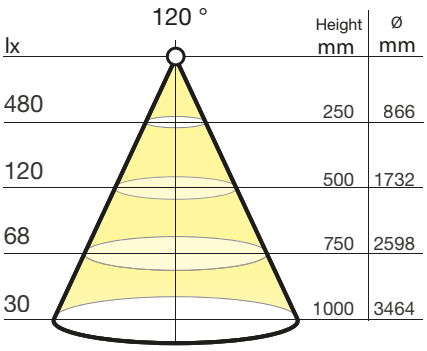
Light distribution 120°

The specifications for light distribution are valid values at the date of issue.
Surf Line: The values refer to a 1 m flex strip length R81.

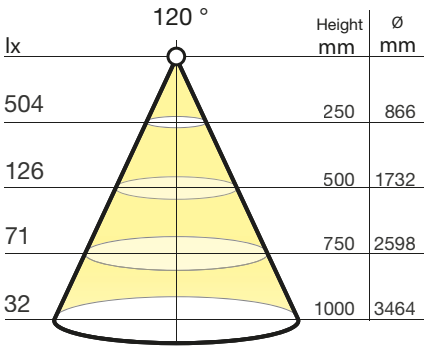
warm white (with diffuser)



neutral white (with diffuser)



cold white (with diffuser)





With the kind support of the company Spectral

Surf Line recessed
LED profile luminaire

Product benefits

- Rectangular recessed LED profile luminaire
- Special housing construction for optimal light reflection
- Universally applicable for light accents in the furniture body, as handle or front lighting, in grooves and millings
- With or without end caps (recessed profile luminaire with round end caps with screw-on holes or with square end caps without screw-on holes)
- With or without opal diffuser
- Firm hold in milling grooves due to special outer contour
- Rear fastening with double-sided adhesive tape possible
- LED component density: preferably 120 LEDs/m (R81), other LED component densities possible
- LED light colours: warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (5.500 Kelvin)
- Housing colours: aluminium anodized EV1, other colours on request
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 18 mm, height 7 mm
- Optimal illumination of structural back panels

Application

- Furniture lighting
- Object lighting

Different models

- Surf Line warm white (3.200 Kelvin)
- Surf Line neutral white (4.000 Kelvin)
- Surf Line cold white (5.500 Kelvin)
- Surf Line with diffuser warm white (3.200 Kelvin)
- Surf Line with diffuser neutral white (4.000 Kelvin)
- Surf Line with diffuser cold white (5.500 Kelvin)
- Ready-made luminaire to measure (Length max. 3.000 mm), including end caps for recessed version or without end caps

Only available on request. Please ask for your desired version.







Surf Line LED profile

- Mounting: Using double-sided adhesive tape or round end cap with screw-on holes or firm hold in milling grooves due to special outer contour
- With LED-plug

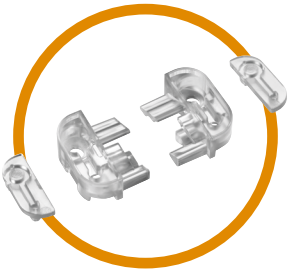


Surf Line (without diffuser) with round end caps

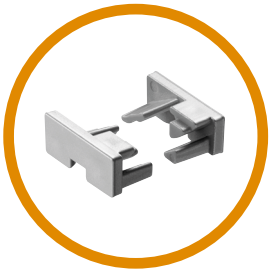


Surf Line (with diffuser) with square end caps

Optional accessories



Surf Line end caps round, transparent



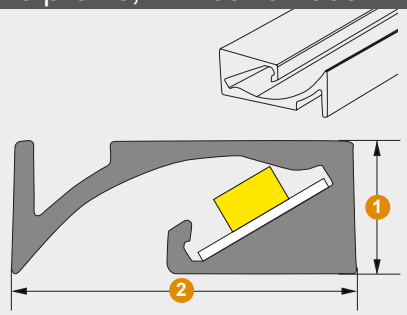
Surf Line end caps square, titanium

Switching options

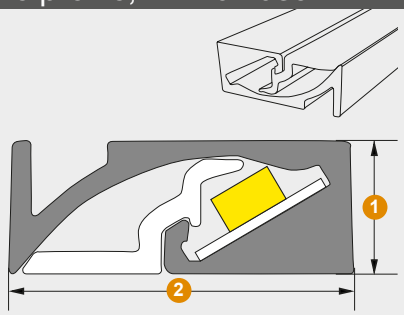
Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“

Dimensional drawing

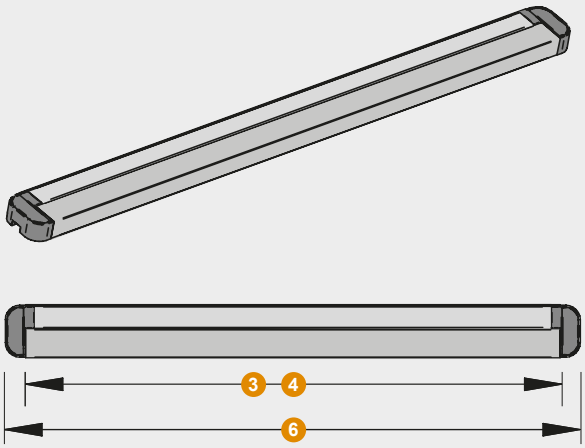
Surf Line profile, without diffuser



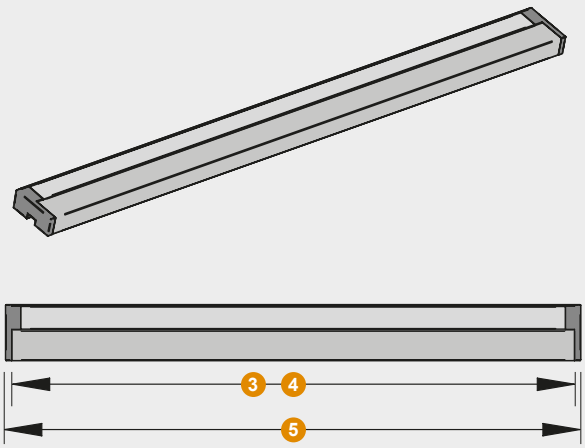
Surf Line profile, with diffuser



Surf Line profile with round end caps



Surf Line profile with square end caps



Dimensions

Description	Surf Line recessed LED profile luminaire (mm)
1. Profile height / Milling depth	7
2. Profile width / Milling width	18
3. Luminaire length (cabinet interior dimension)	max. 3000
4. Carrier profile length* without end caps	3000
5. Carrier profile length* with square end caps	3000 - 6 = 2994
6. Carrier profile length* with round end caps	3000 - 16 = 2984
Cutting groove	(18-0,1) x 7

* Carrier profile length tolerance: +0,5 mm

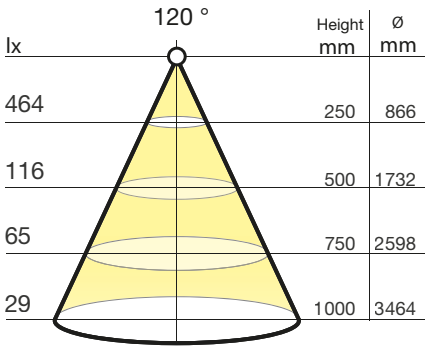
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	recessed LED profile luminaire
LED density:	preferably 120 LEDs/m (R81)
Surface:	aluminium anodised EV 1
Light colours:	warm white (3.200 Kelvin), neutral white (4.000 Kelvin), cold white (5.500 Kelvin)
Mounting :	using double-sided adhesive tape or round end cap with screw-on holes or firm hold in milling grooves due to special outer contour
Supply lead:	2000 mm connection cable with LED-plug
Surface light panel:	opal
Length:	max. 3000 mm
Width, height:	18 mm, 7 mm

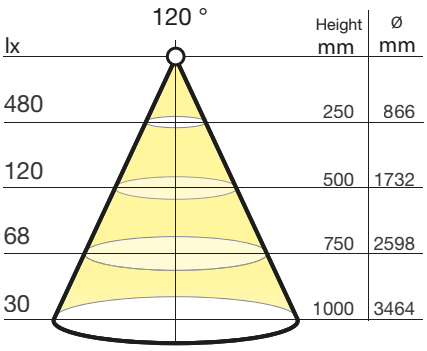
Light distribution 120°

The specifications for light distribution are valid values at the date of issue.
Surf Line: The values refer to a 1 m flex strip length R81.

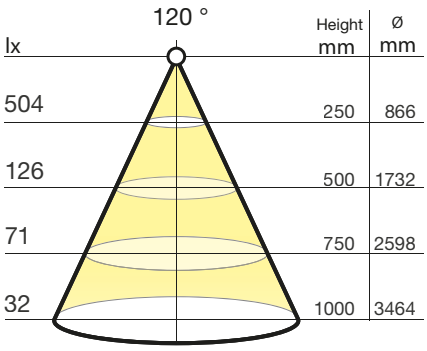
warm white (with diffuser)



neutral white (with diffuser)



cold white (with diffuser)





With the kind support of the company Mintjens

KOCH
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Surf Line Mini surface-mounted LED profile luminaire

Product benefits

- Rectangular miniature profile luminaire for surface mounting
- Special housing construction for optimal light reflection
- Universally applicable for light accents in the furniture body, as handle or front lighting
- With or without end caps
- Rear fastening with double-sided adhesive tape possible
- LED component density: 120 LEDs/m (R81 Mini)
- LED light colours: warm white (3.000 Kelvin), cold white (5.000 Kelvin)
- Housing colours: aluminium anodized EV1, other colours on request
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 10 mm, height 5 mm

Application

- Furniture lighting
- Object lighting

Different models

- Surf Line Mini with diffuser warm white (3.000 Kelvin)
- Surf Line Mini with diffuser cold white (5.000 Kelvin)
- Ready-made luminaire to measure (Length max. 3000 mm), including end caps for surface-mounted version or without end caps

Only available on request. Please ask for your desired version.



Surf Line Mini surface-mounted LED profile luminaire with square end caps

- Mounting: Using double-sided adhesive tape
- With LED-plug

Optional accessories



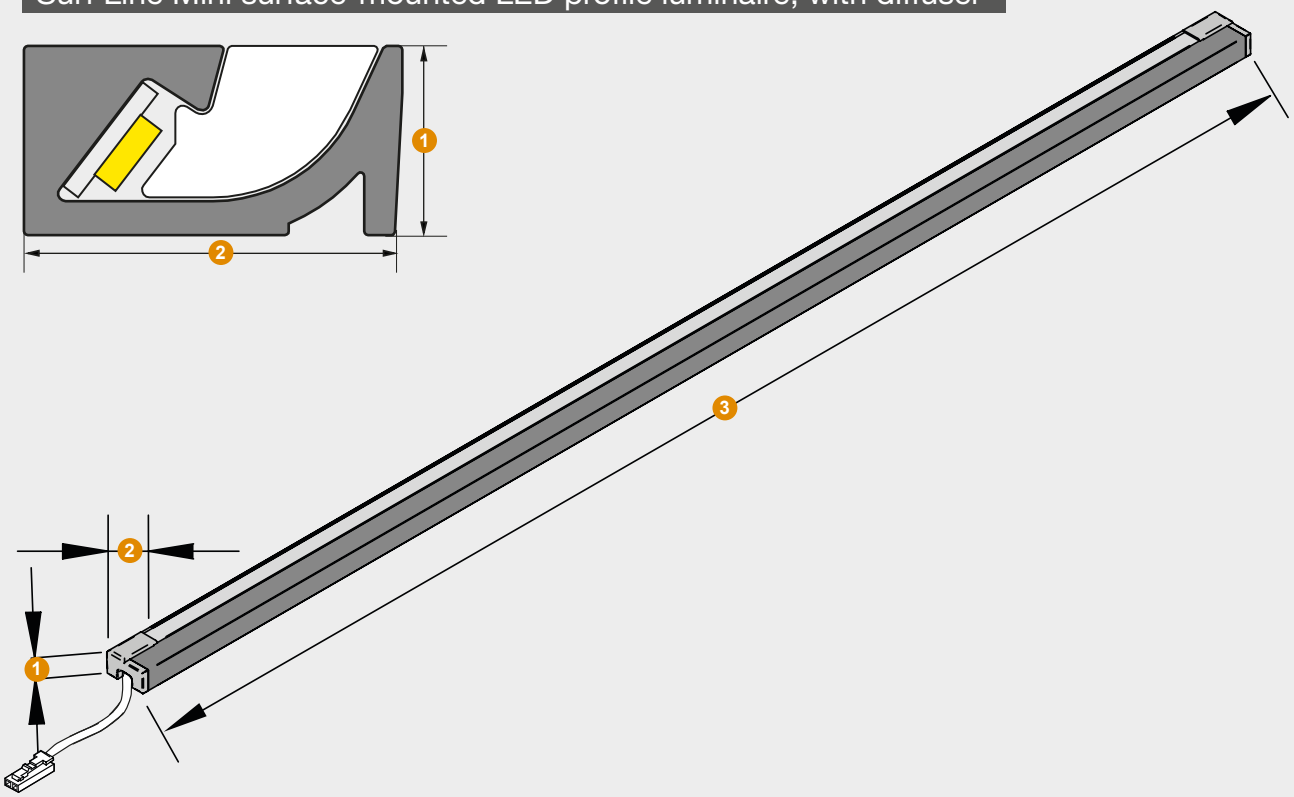
Surf Line Mini end caps square, grey

Switching options

Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“

Dimensional drawing

Surf Line Mini surface-mounted LED profile luminaire, with diffuser



Dimensions

Description	Surf Line Mini surface-mounted LED profile luminaire (mm)
1. Profile height	5
2. Profile width	10
3. Luminaire length (cabinet interior dimension)	max. 3000
Carrier profile length* without end caps	3000
Carrier profile length* with square end caps	3000 - 3= 2997

* Carrier profile length tolerance: +0,5 mm

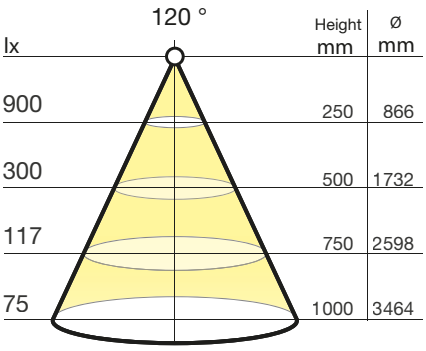
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	surface-mounted LED profile luminaire
LED density:	preferably 120 LEDs/m (R81 Mini)
Surface:	aluminium anodised EV 1
Light colours:	warm white (3.000 Kelvin) with diffuser, cold white (5.500 Kelvin) with diffuser
Mounting:	using double-sided adhesive tape
Supply lead:	2000 mm connection cable with LED-plug
Surface light panel:	opal
Length:	max. 3000 mm
Width:	10 mm
Height:	5 mm

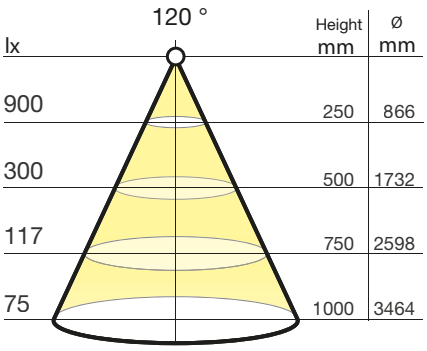
Light distribution 120°

The specifications for light distribution are valid values at the date of issue.
Surf Line Mini: The values refer to a 1 m flex strip length R81 Mini.

warm white (with diffuser)



cold white (with diffuser)



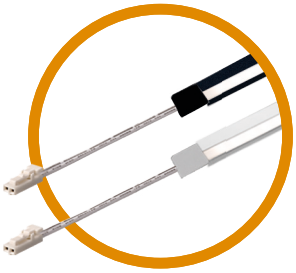


With the kind support of the company Mintjens

Surf Line Mini recessed
LED profile luminaire

Product benefits

- Rectangular miniature profile lamp for recessed mounting
- Special housing construction for optimal light reflection
- Universally applicable for light accents in the furniture body, as handle or front lighting, in grooves and milling
- With or without end caps
- Firm hold in milling grooves due to special outer contour
- Possible rear fastening with double-sided adhesive tape
- LED component density: 120 LEDs/m (R81 Mini)
- LED light colours: warm white (3.000 Kelvin), cold white (5.000 Kelvin)
- Housing colours: aluminium anodized EV1, other colours on request
- 2000 mm connection cable with LED-plug
- Length max. 3000 mm, width 10 mm, height 5 mm



Surf Line Mini recessed LED profile luminaire with round end caps

- Mounting: Using double-sided adhesive tape, firm hold in a milling groove
- With LED-plug

Application

- Furniture lighting
- Object lighting

Different models

- Surf Line Mini with diffuser warm white (3.000 Kelvin)
- Surf Line Mini with diffuser cold white (5.000 Kelvin)
- Ready-made luminaire to measure (Length max. 3000 mm), including end caps for recessed version or without end caps

Optional accessories



Surf Line Mini end caps, round, grey

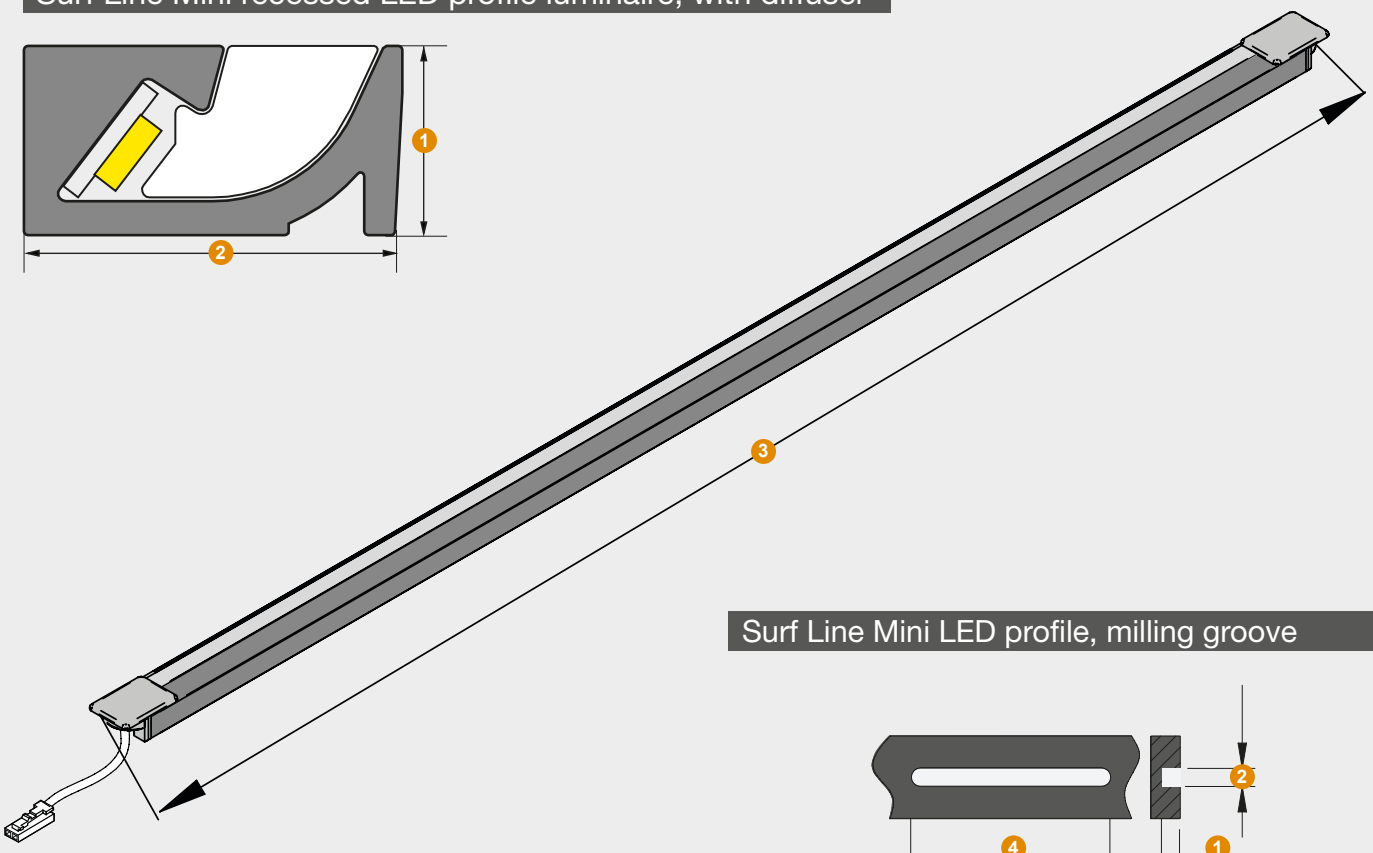
Only available on request. Please ask for your desired version.

Switching options

Suitable switching solutions can be found in the main catalogue, chapter „Intelligent Lighting solutions“

Dimensional drawing

Surf Line Mini recessed LED profile luminaire, with diffuser



Surf Line Mini LED profile, milling groove

Dimensions

Description	Surf Line Mini recessed LED profile luminaire (mm)
1. Profile height / Milling depth	5
2. Profile width / Milling groove width	10
3. Luminaire length (cabinet interior dimension)	max. 3000
Carrier profile length* without end caps	3000
Carrier profile length*, with end caps	3000 - 14 = 2986
4. Milling groove length	1

* Carrier profile length tolerance: +0,5 mm

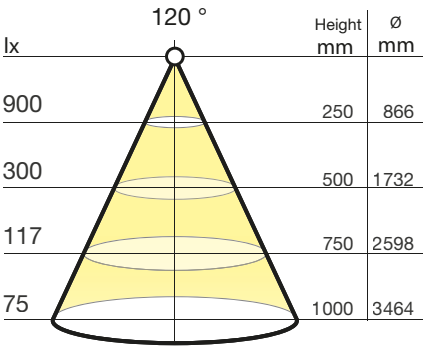
Technical details

Operating voltage:	12 Volt DC
Profile luminaire type:	recessed LED profile luminaire
LED density:	120 LEDs/m (R81 Mini)
Surface:	aluminium anodised EV 1
Light colours:	warm white (3.000 Kelvin) with diffuser, cold white (5.500 Kelvin) with diffuser
Mounting:	using double-sided adhesive tape, firm hold in a milling groove
Supply lead:	2000 mm connection cable with LED-plug
Surface light panel:	opal
Length:	max. 3000 mm
Width	10 mm
Height	5 mm

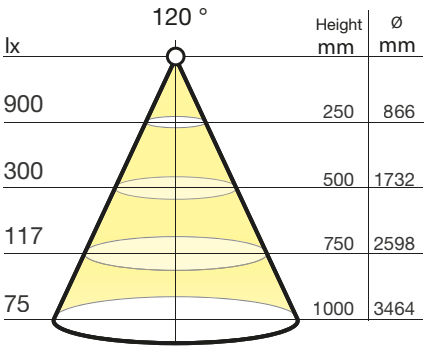
Light distribution 120°

The specifications for light distribution are valid values at the date of issue.
Surf Line Mini: The values refer to a 1 m flex strip length R81 Mini.

warm white (with diffuser)



cold white (with diffuser)



Wilhelm Koch - your competent partner

for individual furniture and object lighting solutions !



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