



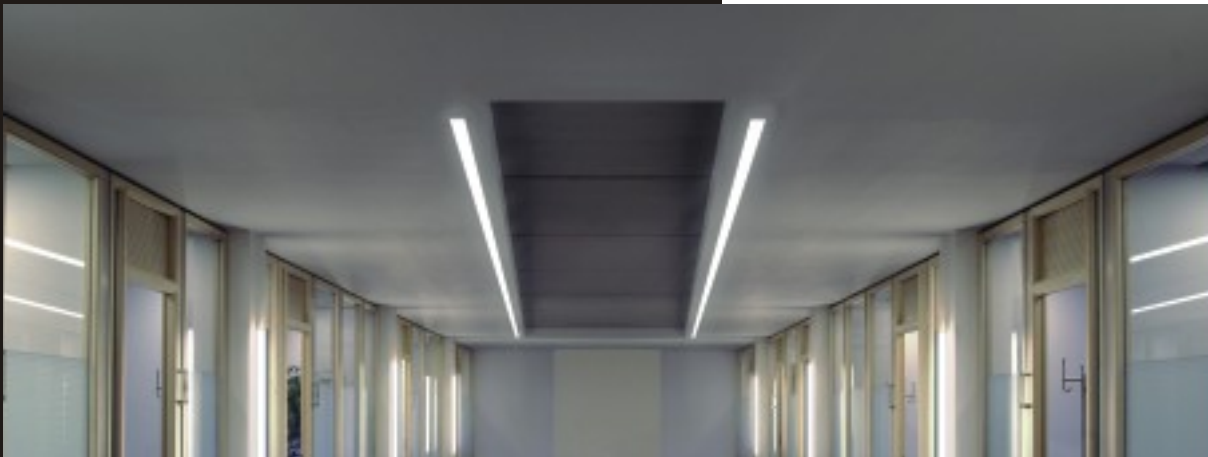
 2011

Profile Luminaires

Strip Lighting

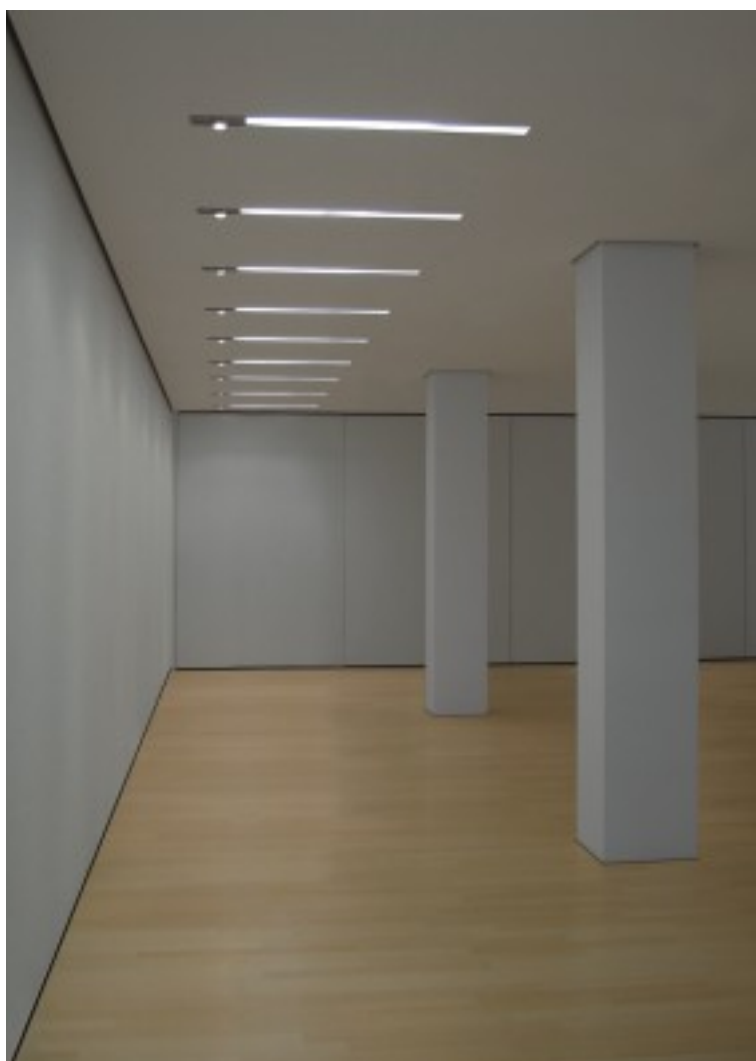
Strip Lighting

Recess-mounted linear luminaires as individual luminaires or as a custom-length system are used in prestigious rooms and in thoroughfares. Strip lighting delineates an area and, if required, can serve to underline architectural lines or to provide homogenous illumination of general areas. The systems can be used in wall and ceiling areas.



Strip Lighting

Freely extendable lighting channel made of aluminium profile with different inserts. Suitable for vertical and horizontal mounting. Available as a frameless version or with a filigree all-round edge profile. Can be used to provide luminaire arrangements functioning as ambient lighting and/or as accent lighting. The cover of the strip lighting is made of opal acrylic with satinized surface. The miniaturised louvred luminaires have high-quality parabolic specular louvres made of aluminium. Spotlight systems and building technology components can be integrated into the system.

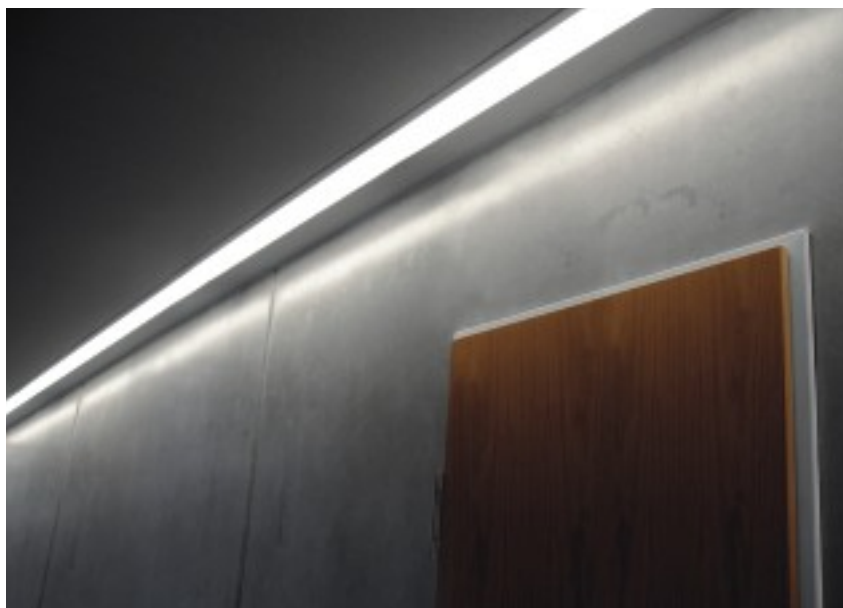


Strip Lighting

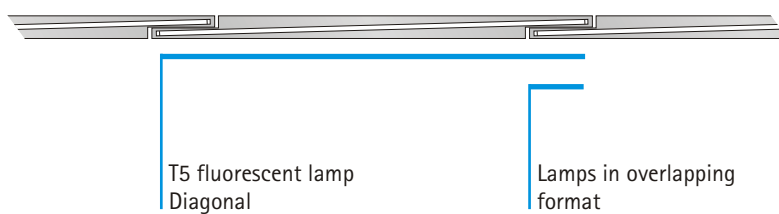
Lamp Overlap

When implementing the system, it is important to avoid the characteristic dark zones between one lamp and the next by overlapping the lamps.

Our system luminaires have been specially designed for this type of application. The illuminating surface of the diffuser is illuminated without any transitions or shadows.



Strip lighting with shadow-free acrylic lens

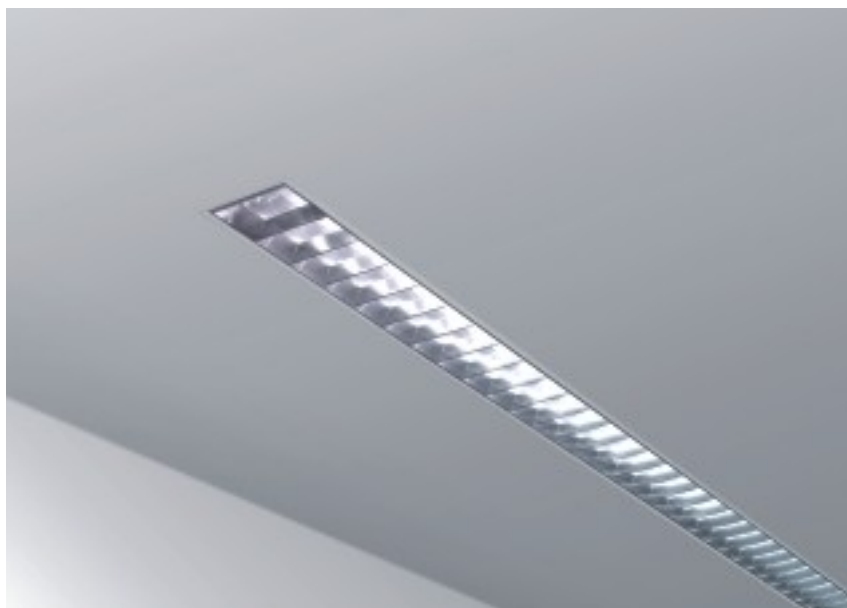
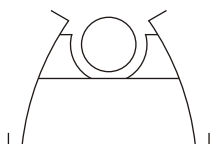


Diffuser

Cover designed as an acrylic diffuser. Satinized opal surface with high transmission factor for diffuse light distribution and glare-free light.

Parabolic Louvre

The parabolic louvres used are fitted as a continuously louvred strip with end plates. Our aluminium louvres are noted for their high efficiency and good glare control. They are suitable for use with computer workstations and for professional use in offices.



Strip lighting with parabolic louvre



Can be fitted as a continuously louvred strip or positioned anywhere in the profile with blank covers over the empty elements.



Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. CAT 2



Dual Light

To provide scenic light, spot-light inserts are available. Highly diverse lighting moods can be created by using different light sources. Diffuse and pin-pointed light are combined as a double function in one luminaire that does not come to the fore itself. The even ambient light produced by the T5 fluorescent lamps is complemented by additional, independent lighting.

Spotlight Module

When combined with fixed or adjustable projection inserts, high vertical accentuation is possible. Light sources for the auxiliary lighting are halogen lamps in low voltage, ceramic HID lamps - such as BriteSpot Es50 - and LED.



Fixed luminaire inserts



Tiltable luminaire inserts

STORR



RAIL+



RAIL



Spot, fixed



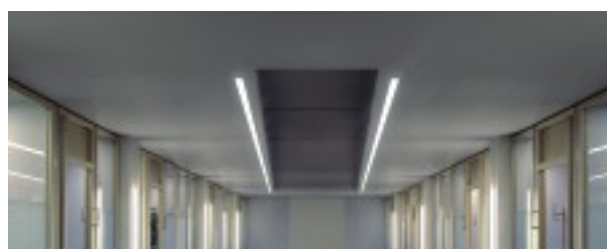
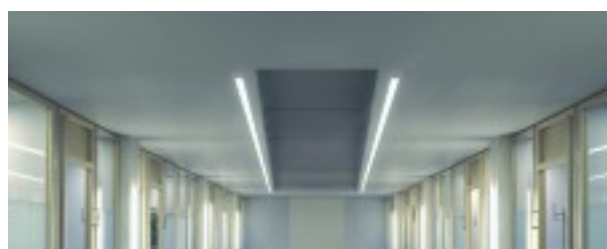
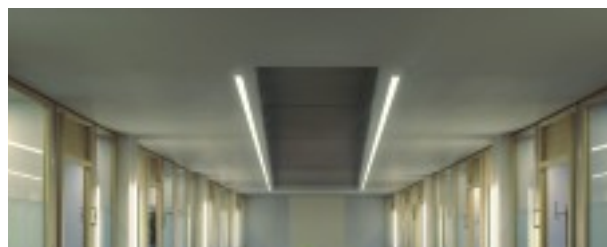
Spot, tiltable



T5 / LED Lighting Control

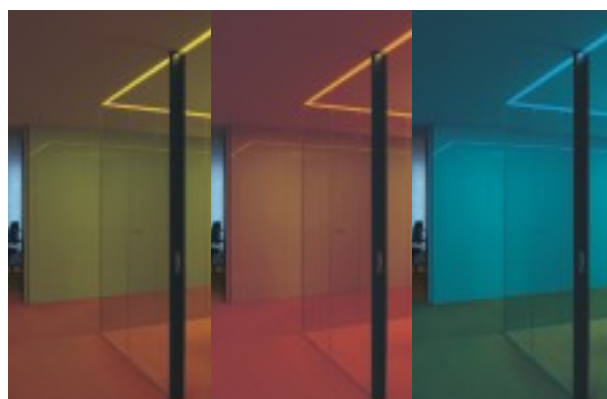
Altering the colour temperatures in line with the colour progression of natural light is, alongside brightness, the most significant factor when implementing biologically regulated light. In this way, periods of activity and rest can both be supported practically.

A program control with pre-defined light scenes up to and including dynamic colour temperature is possible as an optional extra.

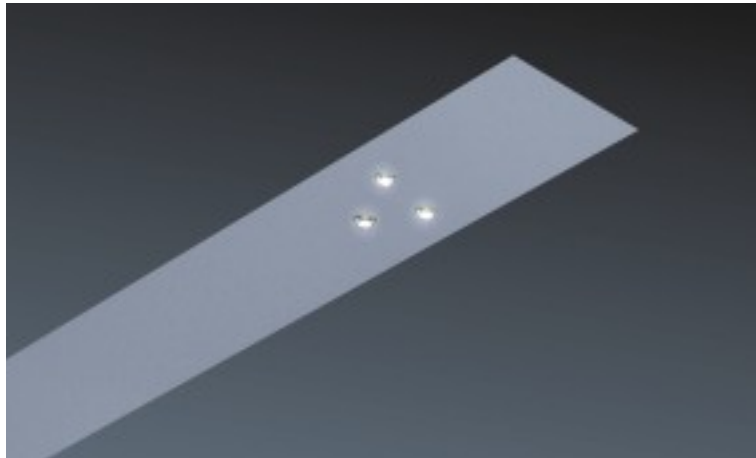


LED / RGB Strip Lighting

The additive colour mixing in infinitely adjustable colour spectra enable scenic colour changing, decorative and inspiring light or colour matching to suit the natural dynamics of our surroundings.



Strip Lighting



Safety Luminaires

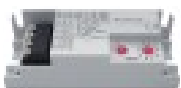
Independent luminaire inserts with or without single batteries are integrated as system elements in a non-maintained circuit. A wide variety of wattages allows the emergency lighting units to be used as safety or secondary lighting. Rescue signs can be integrated in continuous circuits or into reference luminaires by using optical lighting accessories. Easy revision of the additional elements allows usage of single batteries.

LED Emergency Module

Specific components such as monitoring modules, AC/DC switching points, address modules and individual batteries can be integrated for the emergency lighting function.



Emergency lighting unit
single battery
with control LED



Monitoring component



Change-over relays



Multifunctional Luminaires

Holistic concepts in building engineering decrease construction costs and increase flexibility. Here multifunctional luminaires offer a solution through an increased system integration without affecting the interior design. System adaptors or complete system elements realize the connection to building engineering. Project related realization should be clarified in detail.

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Air-conditioning technology



Sensor



Loudspeakers



Fire alarm detectors



Water sprinkler preparation



Fire Alarm Detectors

In principle conventional fire alarm detectors can also be integrated as a system element into the multifunctional luminaires. To ensure conformity with the current German VDE guidelines, the possibility of integration must be checked in detail and must be confirmed by the fire alarm detector manufacturer with a certificate of compliance (German regulation for the German market).

Water Sprinkler

System adaptors allow the installation of a covering plate with 50mm cut out hole. Avoiding frictional connected luminaire the installation of suspended screen sprinklers and the supply of the sprinkler pipes can be realized.

A certificate of compliance by the water sprinkler manufacturer is recommended.

Tone

Wide band loudspeakers are available as a system element. They integrated, aligned and reversible through bayonet lock.

Special Equipment

Besides the mentioned basic elements further technical elements can be integrated in addition to the indicated basic modules. This includes: video monitors; alarm and sensor technology; revision elements for control valves and maintenance elements.

Air Conditioning Technology

In addition to the harmonious design styling, the combination

of air conditioning and lighting technology also reduces installation time by reducing the ceiling cut-outs. System adaptors allow the integration of additional elements at the same time fulfilling various climatic demands. A spatial separation of individual technical elements guarantees highly efficient individual functions. Controllable integration of air input and output.

Strip Lighting with Frame

Various mounting options are available for installation purposes. Please see below for an overview of the most commonly used systems. Project specific solutions are also possible and are solved by our design team.

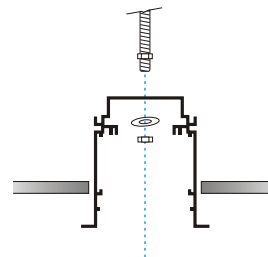
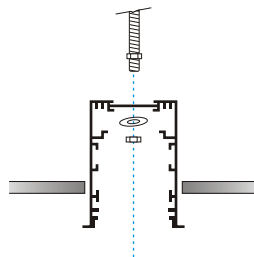
RAIL

STORR



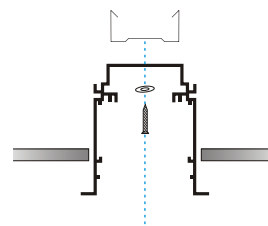
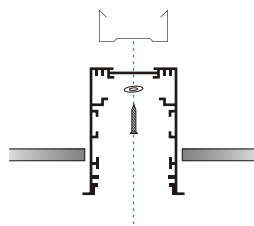
SYSTEM K
Mounting on
stud bolts

Screw fixing for cut ceiling systems, for retro-fitting on threaded bar.



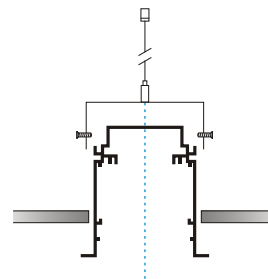
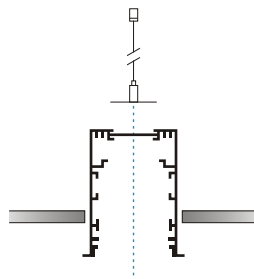
SYSTEM H
Mounting on auxiliary
construction

Screw fixing for cut ceiling systems, for retro-fitting on a previously installed mounting construction.



SYSTEM B
Wire rope suspension with
rapid connector system

Wire-rope suspension for mounting the luminaire to the bare ceiling. For retro-fitting to suspended ceiling.

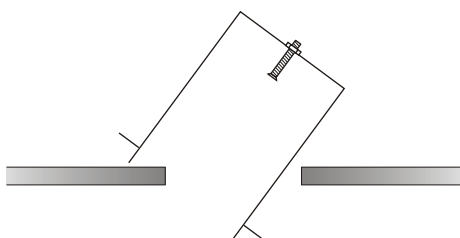




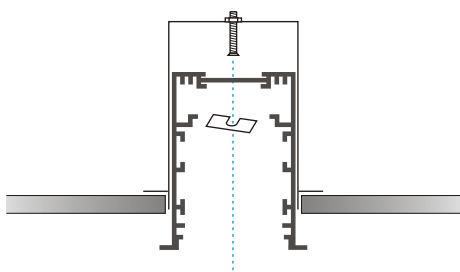
SYSTEM M
Mounting with
stirrup M

Bracket-mounting for cut ceiling systems for retro-fitting on a suspended-ceiling construction to be fabricated on-site.

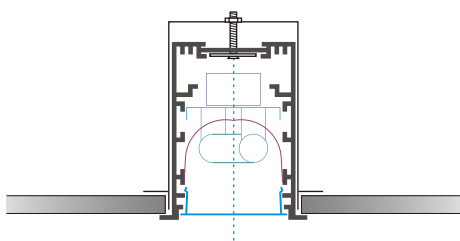
- 1 Insert the mounting bracket into the ceiling cut-out and secure in position



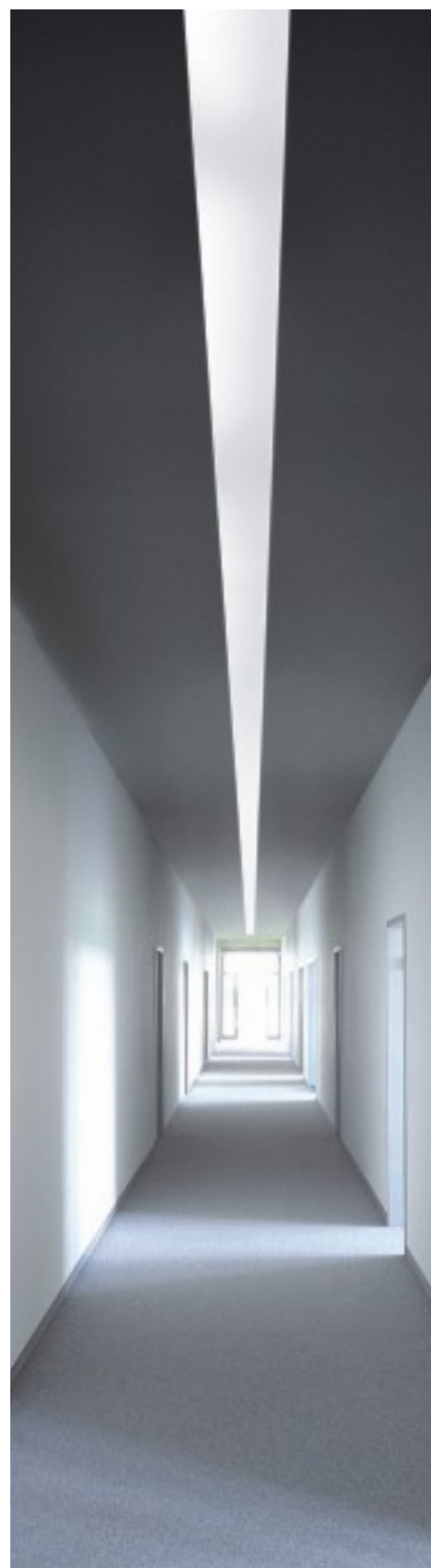
- 2 Insert the mounting plate



- 3 Tighten screw



- 4 Connect the equipment carrier, screw in place, fit the lamps and check proper operation.



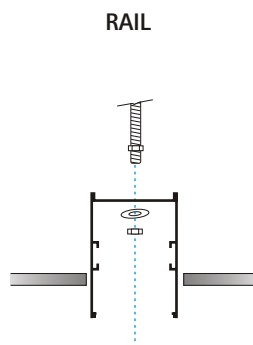
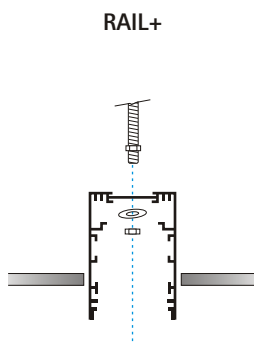
Strip Lighting Frameless

Various mounting options are available for installation purposes. Please see below for an overview of the most commonly used systems. Project specific solutions are also possible and are solved by our design team.



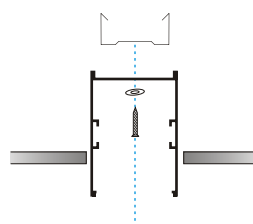
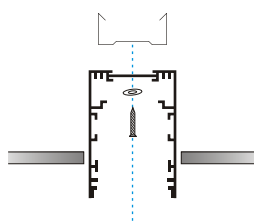
SYSTEM K
Mounting on
stud bolts

Screw fixing for cut ceiling systems, for retro-fitting on threaded bar.



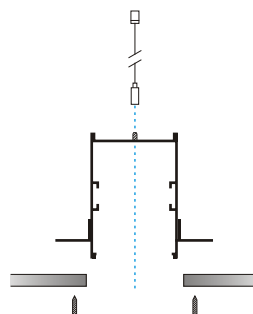
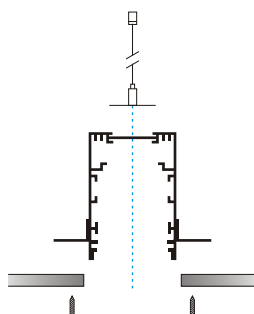
SYSTEM H
Mounting on
auxiliary construction

Screw fixing for cut ceiling systems, for retro-fitting on a previously installed mounting construction.



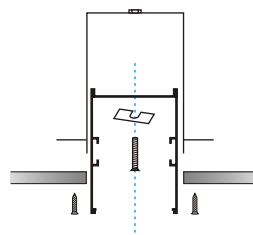
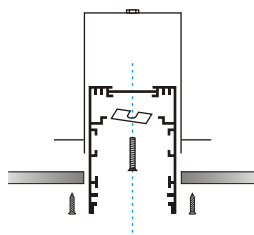
SYSTEM L
Mounting with
angle bracket

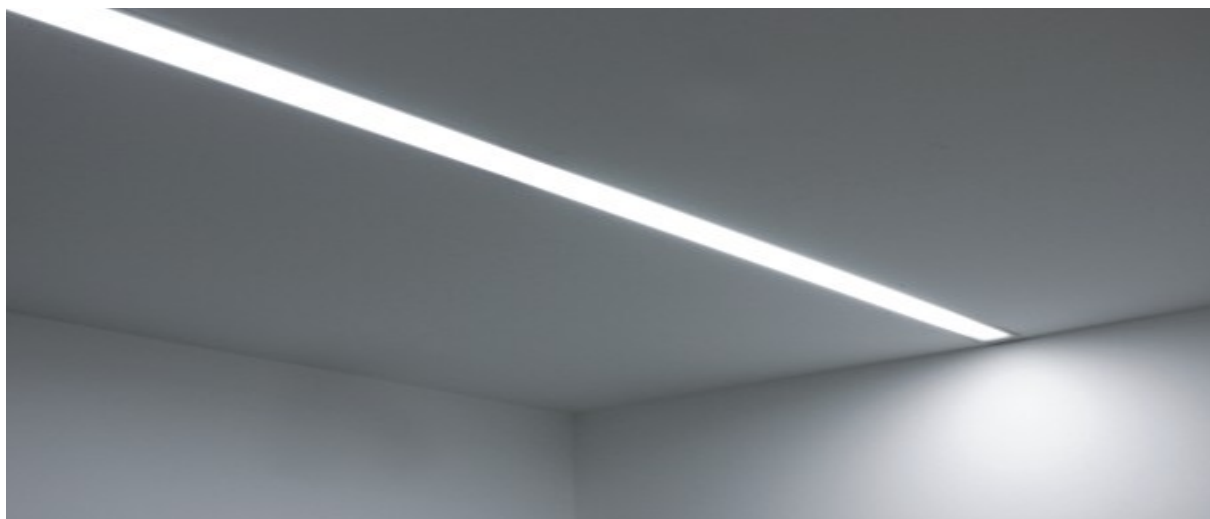
For mounting to a bare ceiling, then fitting the suspended ceiling to the luminaire profile.



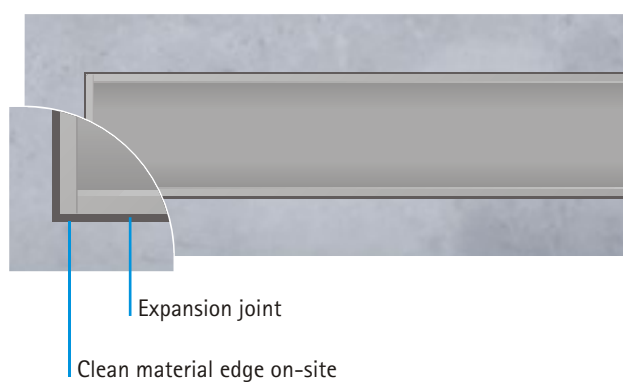
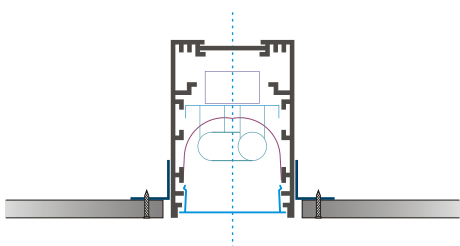
SYSTEM M
Mounting with
stirrup M

Bracket-mounting for cut ceiling systems for retro-fitting on a suspended-ceiling construction to be fabricated on-site.



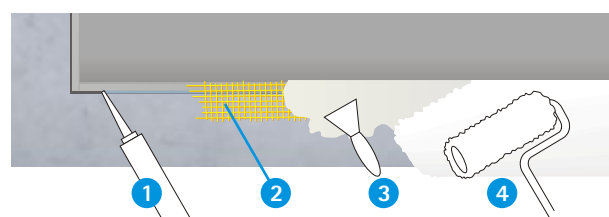


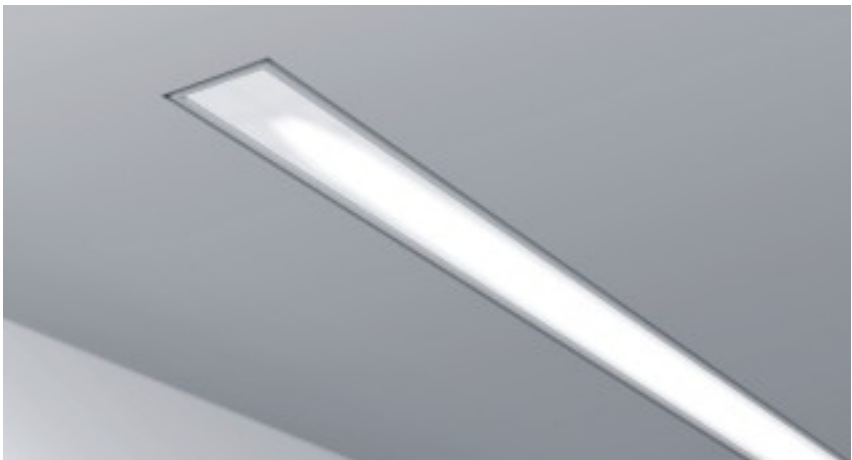
The plastered-in mounting allows the luminaire to be fully integrated into the building structure. To achieve a perfect result, the luminaires must be mounted and fitted with the utmost care. The expansion joint mentioned here is an absolute necessity.



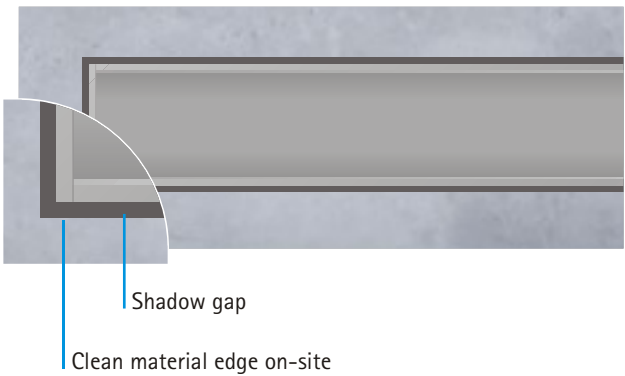
Steps

1. Insert permanently elastic expansion joint
2. Fit plaster gauze over transitions
3. Fill and plaster
4. Paint

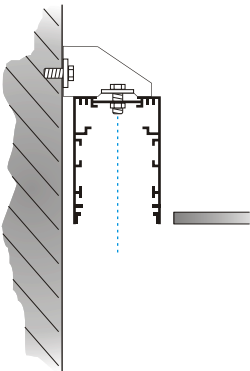




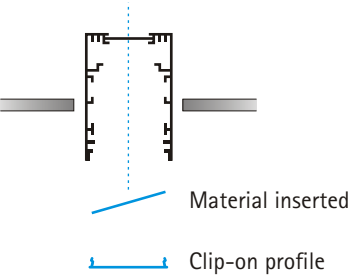
As an alternative to the above-mentioned flush-plastered mounting, the installation with shadow gap is also recommendable. A cleanly finished ceiling cut-out can be easily produced using precast plaster parts or plaster rails. Various concrete installation housings are also available for our strip lights.



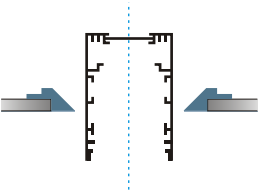
Wall-mounting the luminaire with wall bracket with predefined offset from wall. Fitting to the ceiling with joint. Ceiling finished with finishing profile.



Ceiling cut-out to be produced on-site by the ceiling builder. Ceiling finished with finishing profile.

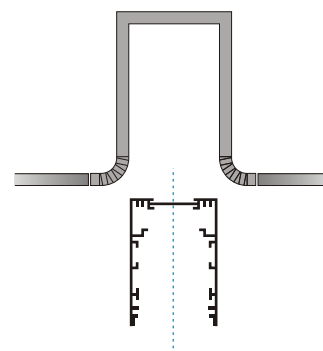
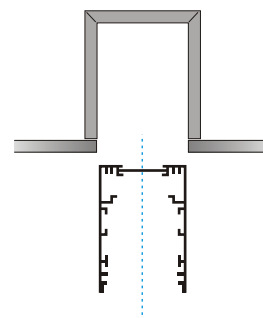


Ceiling cut-out produced very exactly on-site using solid ceiling plaster profiles.



Using individually precast, shaped plaster parts produces a unified appearance of the ceiling system and luminaire. The shaped plaster parts are designed to fit the luminaires to be installed, ensuring uncomplicated installation by the specialist fitters. The variety of shapes is limitless, giving

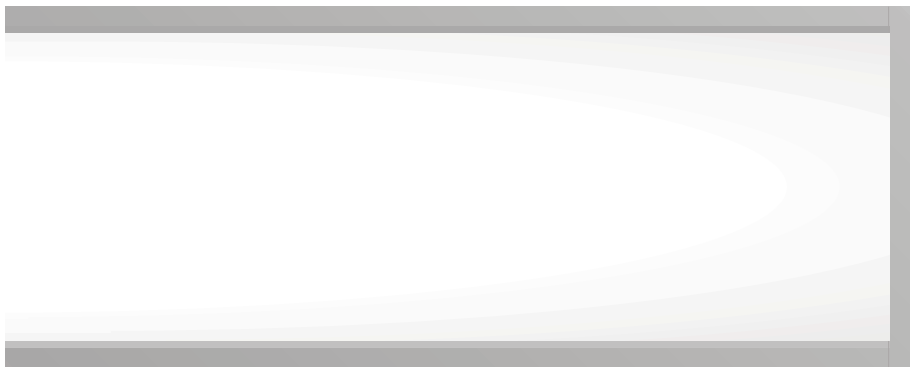
the designer every possibility to be creative. We are happy to provide support for the technical implementation and can name suppliers once the requirements have been fixed.

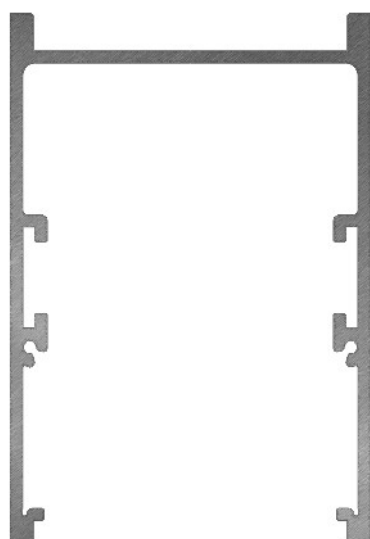


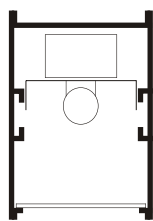
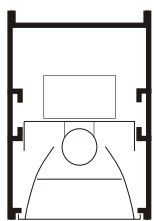
Cast in Concrete

Direct mounting of the aluminium profiles is enabled using wooden cores on the concrete formwork. These have two to four insertion openings for the conduit. Mounting using internal mounting plates is provided in order to enable installation in bare concrete ceilings. Please indicate separately when ordering.









Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. CAT 2



Diffuser

Cover designed as an acrylic diffuser. Satinized opal surface with high transmission factor for diffuse light distribution and glare-free light.

RAIL

For luminaires with direct light distribution, the aluminium parabolic louvres are available in two different louvre heights. Both louvre types are compatible for use with computer workstations. The shallow version has very good glare control, CAT 2, combined with optimum efficiency and has a wide-beam light distribution. The high cross louvre ensures maximum glare control, CAT 1. Computer-workstation compatible, featuring a Darklight lens system. The louvres are fitted all the way along. In addition, this profile is also available as a surface mounted strip light, whereby the lamp is covered by a recessed opal diffuser in satin-frosted white.

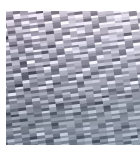


Inserted Materials

With this profile, the luminaire covers are inserted. This means that in addition to the diffusers that have a purely technical function, decorative diffusers can also be fitted. Highly diverse materials are available.



Acrylic with linear anti-glare prism



Acrylic with conical anti-glare prism



Coloured acrylic



Satinized glass

RAIL Strip Lighting

RAIL Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are ready-to-connect one-piece units. They are prepared for installation as per mounting system H. The delivery includes the system related accessories including the end plates, the electrical components and the lens system.

Mounting Systems:



SYSTEM K
Mounting on stud bolts

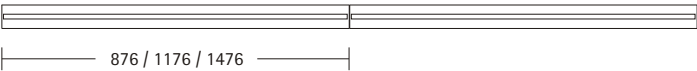


SYSTEM H
Mounting on auxiliary construction

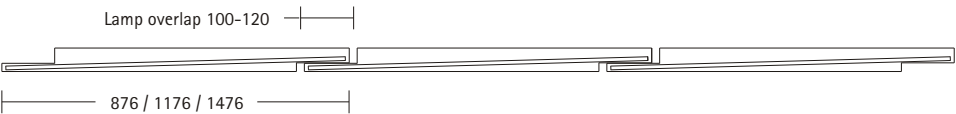


SYSTEM M
Mounting with stirrup

Unit length for RAIL luminaire row:



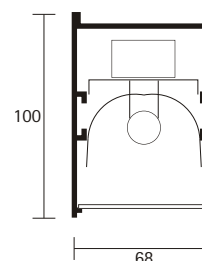
Unit length for RAIL strip lighting:



RAIL Strip Lighting

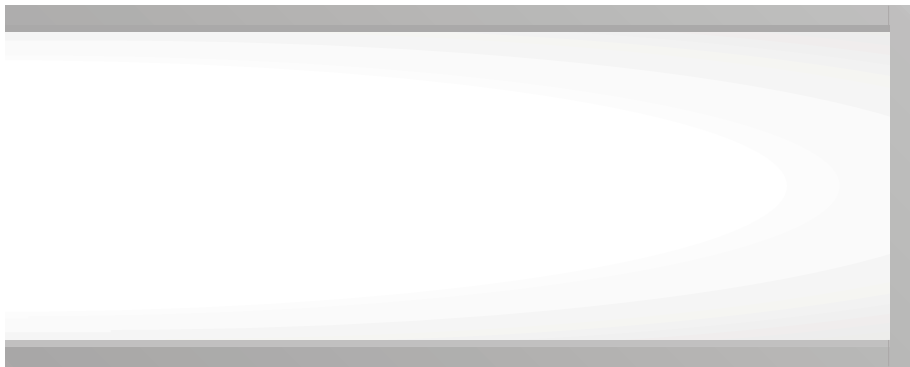
Individual luminaires made of sharp-edged extruded aluminium profile in trimless design. Complete luminaire with integrated MultiPower electronic control gear. Equipped for T5 fluorescent lamps, optionally HO or HE.

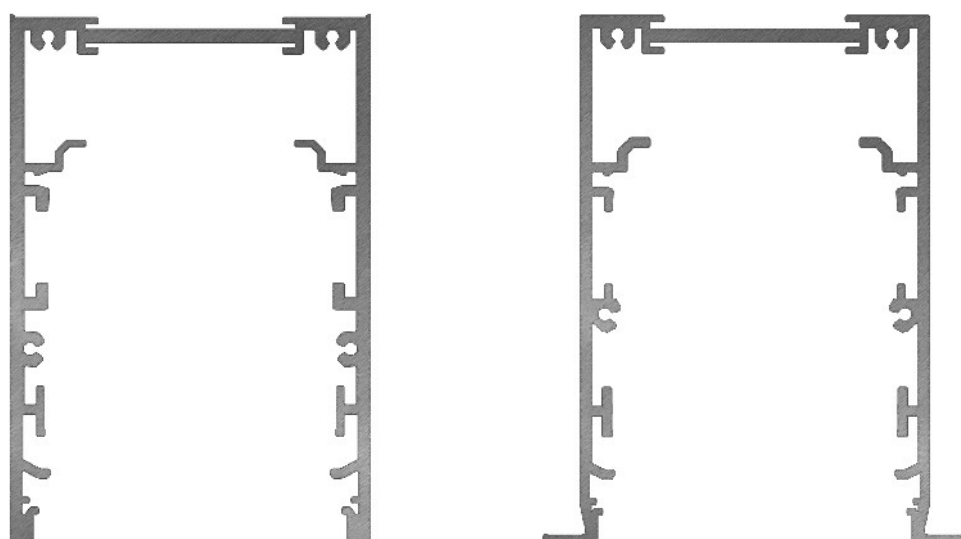
Wired ready-to-connect with heat resistant cable. Luminaire cover optionally available with computer-workstation compatible aluminium parabolic louvre or with wide-beam, opal, acrylic diffuser.



			T16 HO 	39W G5	49W G5	54W G5	80W G5
			T16 HE 	21W G5	28W G5	35W G5	

							Version					
Article No. ECG Lamp version							Parabolic louvre	Acrylic diffuser	White	Silver C3	Made to RAL	Anodized aluminium
Single luminaire												
	ED= 68x 880mm	CCO=69x 881mm	1750.121	.-02	1 x 1 x T16	21/39W	●		●	○	○	○
	ED= 68x1180mm	CCO=69x1181mm	1750.128	.-02	1 x 1 x T16	28/54W	●		●	○	○	○
	ED= 68x1480mm	CCO=69x1481mm	1750.135	.-02	1 x 1 x T16	35/49/80W	●		●	○	○	○
	ED= 68x1756mm	CCO=69x1757mm	1750.221	.-02	2 x 1 x T16	21/39W	●		●	○	○	○
	ED= 68x2356mm	CCO=69x2357mm	1750.228	.-02	2 x 1 x T16	28/54W	●		●	○	○	○
	ED= 68x2956mm	CCO=69x2957mm	1750.235	.-02	2 x 1 x T16	35/49/80W	●		●	○	○	○
Single luminaire												
	ED= 68x 880mm	CCO=69x 881mm	1751.121	.-02	1 x 1 x T16	21/39W	●		●	○	○	○
	ED= 68x1180mm	CCO=69x1181mm	1751.128	.-02	1 x 1 x T16	28/54W	●		●	○	○	○
	ED= 68x1480mm	CCO=69x1481mm	1751.135	.-02	1 x 1 x T16	35/49W	●		●	○	○	○
	ED= 68x1656mm	CCO=69x1657mm	1751.221	.-02	2 x 1 x T16	21/39W	●		●	○	○	○
	ED= 68x2256mm	CCO=69x2257mm	1751.228	.-02	2 x 1 x T16	28/54W	●		●	○	○	○
	ED= 68x2856mm	CCO=69x2857mm	1751.235	.-02	2 x 1 x T16	35/49W	●		●	○	○	○
	ED= 68x3292mm	CCO=69x3293mm	1751.328	.-02	3 x 1 x T16	28/54W	●		●	○	○	○
	ED= 68x4192mm	CCO=69x4193mm	1751.335	.-02	3 x 1 x T16	35/49W	●		●	○	○	○
Ceiling thicknesses > 12mm												
			1750.080		Stirrup-M							



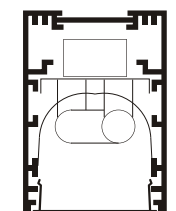
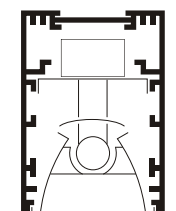
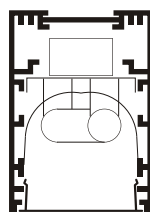
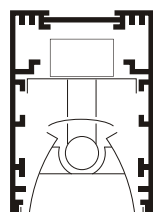


RAIL Strip Lighting

Strip Lighting Installation Profile

Special tasks require special solutions. The use of rigid aluminium profiles enables a wide variety of design possibilities. Clean transitions, horizontal or vertical corners, connectors, different lens systems and various luminaire inserts give the creative mind much freedom for design and are the basis for giving rooms a complete new feel.





RAIL

This system is designed using empty profiles that are mounted in the ceiling and fitted with a wide range of luminaire inserts. For office applications it is possible to use fluorescent lamp modules with parabolic louvres made of high polish aluminium. Inserts for overlapping lamp arrangement are available to give a continuous, shadow-free strip of light. These light inserts act as the luminaire cover and, with their opal satinized surface finish, are light-dispersing diffusers with high transmittance. In addition, accentuating spotlights, blank covers and compartments for technical equipment can also be integrated into the system. The through-wiring is easily accessible and there is space for further cable routes.



Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. CAT 2



Diffuser

Cover designed as an acrylic diffuser. Satinized opal surface with high transmission factor for diffuse light distribution and glare-free light.

RAIL Strip Lighting

Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are ready-to-connect one-piece units. They are prepared for installation as per mounting system H. The delivery includes the system related accessories including the end plates, the electrical components and the lens system.

RAIL Strip Lighting

Individual luminaires made of sharp-edged extruded aluminium profile. Complete luminaire with integrated MultiPower electronic control gear. Equipped for T5 fluorescent lamps, optionally HO or HE.

Mounting Systems:



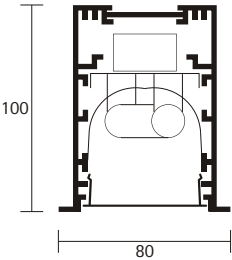
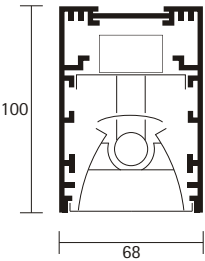
SYSTEM K
Mounting on stud bolts



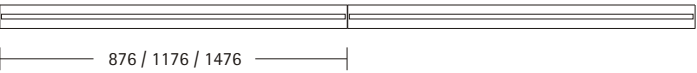
SYSTEM H
Mounting on auxiliary construction



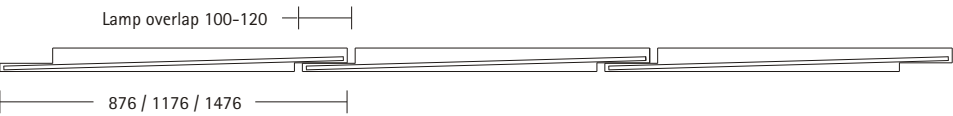
SYSTEM M
Mounting with stirrup



Unit length for RAIL luminaire row:



Unit length for RAIL strip lighting:



			T16 HO 	39W G5	49W G5	54W G5	80W G5
			T16 HE 	21W G5	28W G5	35W G5	

							Version					
Article No. ECG Lamp version							Parabolic louvre	Acrylic diffuser	White	Silver C3	Made to RAL	Anodized aluminium
RAIL, frameless (trimless)												
	ED= 68x 880mm	CCO=69x 881mm	1753.121	.-02	1 x 1 x T16	21/39W	●		●	○	○	○
	ED= 68x1180mm	CCO=69x1181mm	1753.128	.-02	1 x 1 x T16	28/54W	●		●	○	○	○
	ED= 68x1480mm	CCO=69x1481mm	1753.135	.-02	1 x 1 x T16	35/49/80W	●		●	○	○	○
	ED= 68x2356mm	CCO=69x2357mm	1753.228	.-02	2 x 1 x T16	28/54W	●		●	○	○	○
	ED= 68x2956mm	CCO=69x2957mm	1753.235	.-02	2 x 1 x T16	35/49/80W	●		●	○	○	○
RAIL, frameless (trimless)												
	ED= 68x 880mm	CCO=69x 881mm	1754.121	.-02	1 x 1 x T16	21/39W		●	●	○	○	○
	ED= 68x1180mm	CCO=69x1181mm	1754.128	.-02	1 x 1 x T16	28/54W		●	●	○	○	○
	ED= 68x1480mm	CCO=69x1481mm	1754.135	.-02	1 x 1 x T16	35/49/80W		●	●	○	○	○
	ED= 68x2256mm	CCO=69x2257mm	1754.228	.-02	2 x 1 x T16	28/54W		●	●	○	○	○
	ED= 68x2856mm	CCO=69x2857mm	1754.235	.-02	2 x 1 x T16	35/49/80W		●	●	○	○	○
RAIL with trim												
	ED= 80x 895mm	CCO=69x 881mm	1755.121	.-02	1 x 1 x T16	21/39W	●		●	○	○	○
	ED= 80x1195mm	CCO=69x1181mm	1755.128	.-02	1 x 1 x T16	28/54W	●		●	○	○	○
	ED= 80x1495mm	CCO=69x1481mm	1755.135	.-02	1 x 1 x T16	35/49/80W	●		●	○	○	○
	ED= 80x2372mm	CCO=69x2357mm	1755.228	.-02	2 x 1 x T16	28/54W	●		●	○	○	○
	ED= 80x2972mm	CCO=69x2957mm	1755.235	.-02	2 x 1 x T16	35/49/80W	●		●	○	○	○
RAIL with trim												
	ED= 80x 895mm	CCO=69x 881mm	1756.121	.-02	1 x 1 x T16	21/39W		●	●	○	○	○
	ED= 80x1195mm	CCO=69x1181mm	1756.128	.-02	1 x 1 x T16	28/54W		●	●	○	○	○
	ED= 80x1495mm	CCO=69x1481mm	1756.135	.-02	1 x 1 x T16	35/49/80W		●	●	○	○	○
	ED= 80x2272mm	CCO=69x2257mm	1756.228	.-02	2 x 1 x T16	28/54W		●	●	○	○	○
	ED= 80x2872mm	CCO=69x2857mm	1756.235	.-02	2 x 1 x T16	35/49/80W		●	●	○	○	○
	Ceiling thicknesses > 12mm		1750.080		Stirrup-M							
	Width of cut-out 72mm											

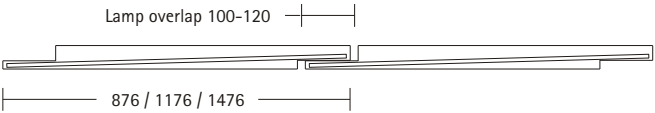


RAIL Strip Lighting
A system luminaire installation as a modular toolbox, consisting of sharp-edged, drawn aluminium extrusions in trimless design or in a version with a narrow, all-round edge frame. Mounting strips with integrated MultiPower electronic control gear. Equipped for T5 fluorescent lamps, optionally HO or HE. Prewired with heat-resistant cable and ready-to-connect. Luminaire cover is optionally available with computer-workstation compatible aluminium parabolic louvre or with wide-beam, opal, acrylic diffuser.

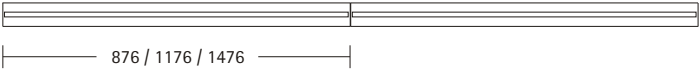
► Louvre Spacing

The various louvre dimensions are dictated by the different lamp positions. With individual luminaires and with system luminaires that have louvres there is no overlapping arrangement of the fluorescent lamps. Therefore the construction dimension = lamp length plus lampholder.

Unit length for RAIL strip lighting:



Unit length for RAIL luminaire row:



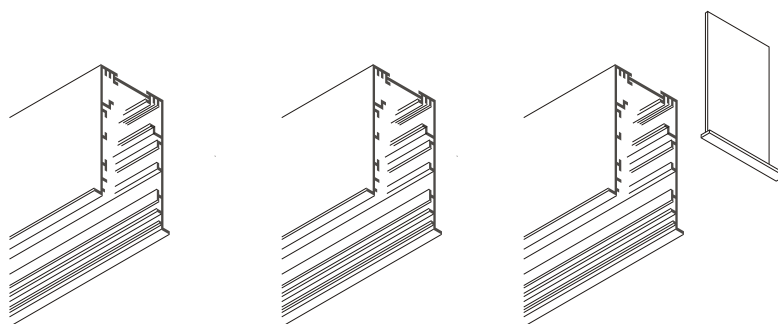
► System Luminaire

Lighting channel system designed as a custom-length luminaire with which different system components can be individually combined. This makes it possible for luminaire arrangements that delineate a room or area to be realised according to the designer's plans. The detailed design-work for such a system can be done directly and easily.

System Luminaire Options

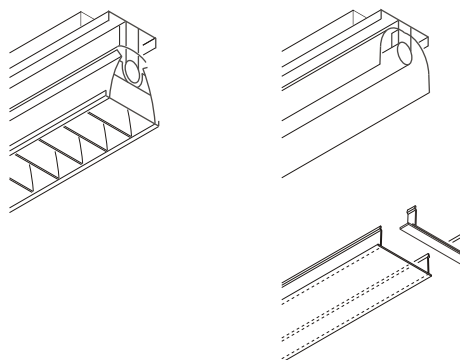
Luminaire profile, empty

- Profile frameless (Trimless)
- Profile with edge frame



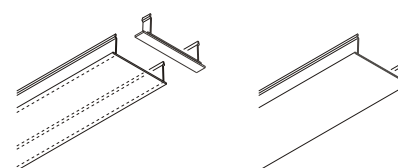
Light Unit

- Unit with parabolic louvre
- Unit with reflector for fluorescent lamp
- Unit with reflector for overlapping lamps



Luminaire Cover

- Blank aluminium profile
- Acrylic diffuser



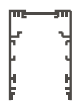
Operating Equipment Order Codes

- .01 Low-loss control gear
- .02 Electronic control gear
- .03 Dimmable ECG 1-10 volt
- .04 2 x individual ECG
- .05 2 x dimmable ECG 1-10 volt
- .10 Dimmable ECG DALI
- .11 2 x dimmable ECG DALI

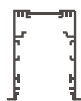
Colour Key

- .-14 Anodized aluminium
- .-20 Made to RAL
- .-23 Silver C3
- .-25 Titanium silver
- .-31 White
- .-32 Matt white

RAIL Strip Lighting



RAIL+ frameless
(Trimless)



RAIL+ with frame
(Frame)



End cover
Art. No. 1762.099



End cover
Art. No. 1763.099



T-connector
Art. No. 1762.095



T-connector
Art. No. 1763.095



L-connector
angle 90°
Art. No. 1762.093



L-connector
angle 90°
Art. No. 1763.093



L-connector
special angle
Art. No. 1762.090



L-connector
special angle
Art. No. 1763.090



Straight connector
Art. No. 1762.098



Spacing cover
Art. No. 1764.099



Mounting brackets, system M
1750.080 For ceiling thicknesses 12mm
Width of cut-out 72mm



Wire-rope suspension, system B
1762.111 wire rope L= 1000mm
1762.112 wire rope L= 2000mm



Wire-rope suspension with canopy and cable
1762.121 wire rope L= 1000mm
1762.122 wire rope L= 2000mm

► System Components

The system components shown here are just a small excerpt of the current range of accessories that are available. More detailed design documents and an overview of the entire product range can be downloaded from our homepage as PDF files.

Mounting Systems:



SYSTEM K
Mounting on stud bolts



SYSTEM H
Mounting on auxiliary construction



SYSTEM M
Mounting with stirrup



Through-wiring

3-pole	Butted lamps
1770.321	for luminaire insert 21W
1770.328	for luminaire insert 28W
1770.335	for luminaire insert 35W

3-pole	Overlapping lamps
1772.321	for luminaire insert 21W
1772.328	for luminaire insert 28W
1772.335	for luminaire insert 35W



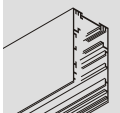

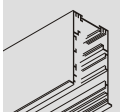

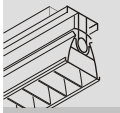
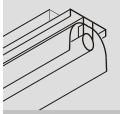
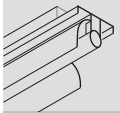
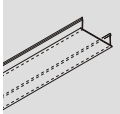
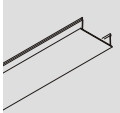
5-pole	Butted lamps
1770.521	for luminaire insert 21W
1770.528	for luminaire insert 28W
1770.535	for luminaire insert 35W

5-pole	Overlapping lamps
1772.521	for luminaire insert 21W
1772.528	for luminaire insert 28W
1772.535	for luminaire insert 35W

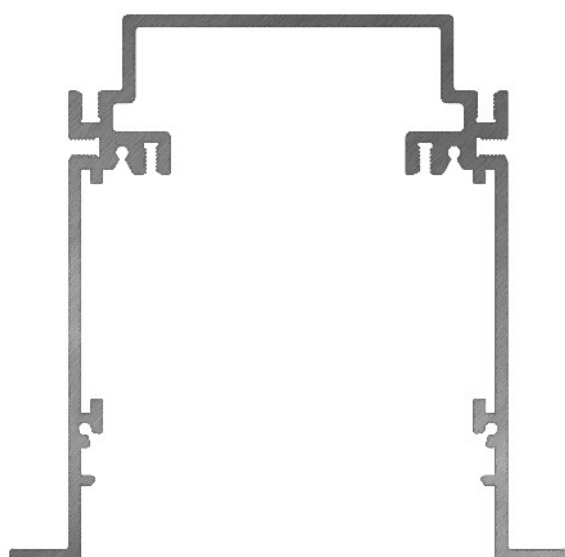
► To specify the profile's length, the placeholders ".xxx" are replaced by the length in cm.

Ordering example:

Empty profile RAIL+ with frame
 Length 3100mm in white would be:
 Art. No.: 1761.310.00.32

							Version						
							Anodized E6EV1	White	Made to RAL	Not dimmable	DALI, dimmable	1-10 volt, dimmable	
<p>► To specify the profile's length, the placeholders ".xxx" are replaced by the length in cm.</p> <p>Ordering example: Empty profile RAIL+ with frame Length 3100mm in white would be: Art. No.: 1761.310.00.32</p> <p>▼▼▼</p>													
Article No. Lamp version													
RAIL, frameless (trimless)													
		W = 68mm CCO = 69mm	1760.xxx	Empty profile	in metres		●	○	○				
			1760.000	Sawn	to size								
RAIL with frame													
		W = 80mm CCO = 69mm	1761.xxx	Empty profile	in metres		●	○	○				
			1761.000	Sawn	to size								
Luminaire insert with parabolic louvre													
			Length 875mm	1770.121	.-02	1 x T16	21/39W				●	○	○
			Length 1175mm	1770.128	.-02	1 x T16	28/54W				●	○	○
			Length 1475mm	1770.135	.-02	1 x T16	35/49/80W				●	○	○
Luminaire insert with reflector (without diffuser)													
			Length 875mm	1771.121	.-02	1 x T16	21/39W				●	○	○
			Length 1175mm	1771.128	.-02	1 x T16	28/54W				●	○	○
			Length 1475mm	1771.135	.-02	1 x T16	35/49/80W				●	○	○
Overlapping lamp arrangement													
			Length 875mm	1772.121	.-02	1 x T16	21/39W				●	○	○
			Length 1175mm	1772.128	.-02	1 x T16	28/54W				●	○	○
			Length 1475mm	1772.135	.-02	1 x T16	35/49/80W				●	○	○
Acrylic diffuser													
				1764.xxx	Empty profile	in metres							
				1764.000	Sawn	to size							
Blank aluminium cover													
				1765.xxx	Empty profile	in metres		●	○	○			
				1765.000	Sawn	to size							



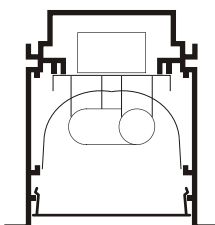
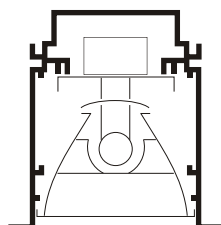


STORR Strip Lighting

Strip Lighting Installation Profile

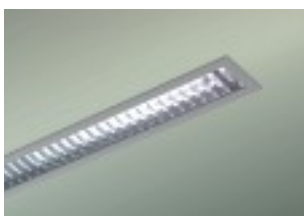
Special tasks require special solutions. The use of rigid aluminium profiles enables a wide variety of design possibilities. Clean transitions, horizontal or vertical corners, connectors, different lens systems and various luminaire inserts give the creative mind much freedom for design and are the basis for giving rooms a complete new feel.





STORR

Individual lighting design with this lighting channel for recessed ceiling installation. The housing is made of extruded aluminium profile and has a narrow edge frame all-round to cover the edge of the ceiling cut-out. The wide range of accessories provides various options for fitting out the channel. In addition to fluorescent elements covered with parabolic louvres or diffusers, low-voltage inserts and LED inserts offer emotive lighting accents. The use of clip-on aluminium covers allows the luminaire insert to be positioned anywhere within the lighting strip.



Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. CAT 2



Diffuser


Cover designed as an acrylic diffuser. Satinized opal surface with high transmission factor for diffuse light distribution and glare-free light.


STORR Strip Lighting


► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are ready-to-connect one-piece units. They are prepared for installation as per mounting system H. The delivery includes the system related accessories including the end plates, the electrical components and the lens system.

Mounting Systems:

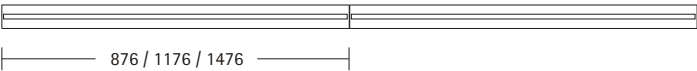
- 

SYSTEM K
Mounting on
auxiliary construction
- 

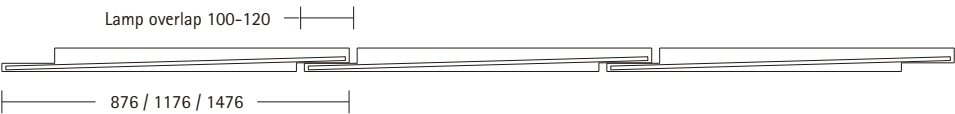
SYSTEM H
Mounting on
stud bolts
- 

SYSTEM M
Mounting with
stirrup

Unit length for STORR luminaire row:

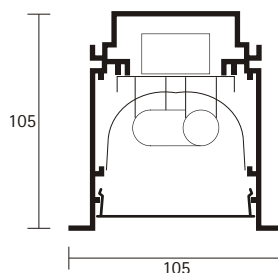


Unit length for STORR strip lighting:



STORR Strip Lighting

Individual luminaires made of sharp-edged extruded aluminium profile with an all-round trim overlapping onto the ceiling. Complete luminaire with integrated MultiPower electronic control gear. Equipped for T5 fluorescent lamps, optionally HO or HE. Wired ready-to-connect with heat resistant cable. Luminaire cover optionally available with computer-workstation compatible aluminium parabolic louvre or with wide-beam, opal, acrylic diffuser.



							Version					
							Parabolic louvre	Acrylic diffuser	White	Silver C3	Made to RAL	Anodized aluminium
Article No. ECG Lamp version												
Single luminaire												
	ED=105x 900mm	CCO=85x 884mm	1700.121	.-02	1 x 1 x T16	21/39W	●		●	○	○	○
	ED=105x1200mm	CCO=85x1184mm	1700.128	.-02	1 x 1 x T16	28/54W	●		●	○	○	○
	ED=105x1500mm	CCO=85x1484mm	1700.135	.-02	1 x 1 x T16	35/49/80W	●		●	○	○	○
	ED=105x1776mm	CCO=85x1760mm	1700.221	.-02	2 x 1 x T16	21/39W	●		●	○	○	○
	ED=105x2376mm	CCO=85x2360mm	1700.228	.-02	2 x 1 x T16	28/54W	●		●	○	○	○
	ED=105x2976mm	CCO=85x2960mm	1700.235	.-02	2 x 1 x T16	35/49/80W	●		●	○	○	○
Single luminaire												
	ED=105x 900mm	CCO=85x 884mm	1701.121	.-02	1 x 1 x T16	21/39W		●	●	○	○	○
	ED=105x1200mm	CCO=85x1184mm	1701.128	.-02	1 x 1 x T16	28/54W		●	●	○	○	○
	ED=105x1500mm	CCO=85x1484mm	1701.135	.-02	1 x 1 x T16	35/49W		●	●	○	○	○
	ED=105x1556mm	CCO=85x1540mm	1701.221	.-02	2 x 1 x T16	21/39W		●	●	○	○	○
	ED=105x2156mm	CCO=85x2140mm	1701.228	.-02	2 x 1 x T16	28/54W		●	●	○	○	○
	ED=105x2756mm	CCO=85x2740mm	1701.235	.-02	2 x 1 x T16	35/49W		●	●	○	○	○
	ED=105x3112mm	CCO=85x3096mm	1701.328	.-02	3 x 1 x T16	28/54W		●	●	○	○	○
	ED=105x4012mm	CCO=85x3996mm	1701.335	.-02	3 x 1 x T16	35/49W		●	●	○	○	○
Ceiling thicknesses > 12mm Width of cut-out 88mm												
			1700.080		Stirrup-M							

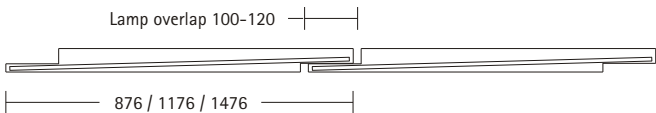


STORR Strip Lighting
A system luminaire installation as a modular toolbox, consisting of sharp-edged, drawn aluminium extrusions in trimless design or in a version with a narrow, all-round edge frame. Mounting strips with integrated MultiPower electronic control gear. Equipped for T5 fluorescent lamps, optionally HO or HE. Prewired with heat-resistant cable and ready-to-connect. Luminaire cover is optionally available with computer-workstation compatible aluminium parabolic louvre or with wide-beam, opal, acrylic diffuser.

► Louvre Spacing

The various louvre dimensions are dictated by the different lamp positions. With individual luminaires and with system luminaires that have louvres there is no overlapping arrangement of the fluorescent lamps. Therefore the construction dimension = lamp length plus lampholder.

Unit length for STORR strip lighting:



Unit length for STORR luminaire row:



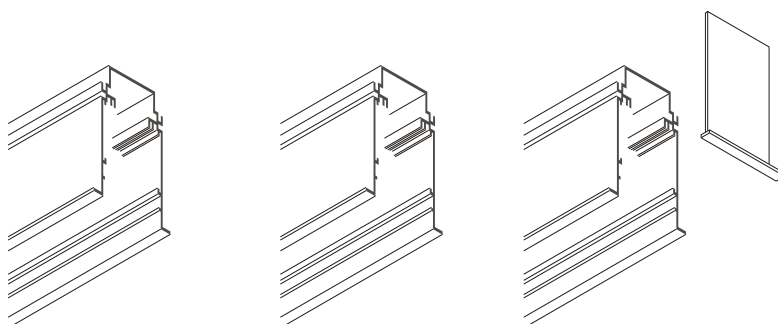
► System Luminaire

Lighting channel system designed as a custom-length luminaire with which different system components can be individually combined. This makes it possible for luminaire arrangements that delineate a room or area to be realised according to the designer's plans. The detailed design-work for such a system can be done directly and easily.

System Luminaire Options:

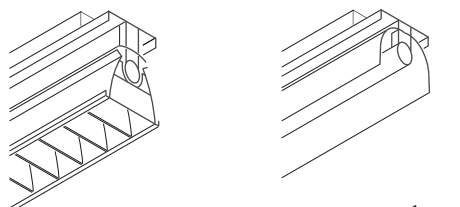
Luminaire profile, empty

- Profile with edge frame



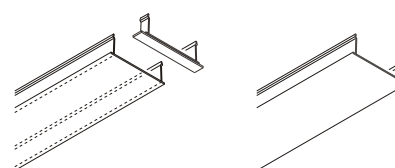
Light Unit

- Unit with parabolic louvre
- Unit with reflector for fluorescent lamp
- Unit with reflector for overlapping lamps



Luminaire Cover

- Blank aluminium profile
- Acrylic diffuser

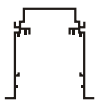


Operating Equipment Order Codes

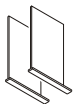
- | | |
|-----|----------------------------|
| .01 | Low-loss control gear |
| .02 | Electronic control gear |
| .03 | Dimmable ECG 1-10 volt |
| .04 | 2 x individual ECG |
| .05 | 2 x dimmable ECG 1-10 volt |
| .10 | Dimmable ECG DALI |
| .11 | 2 x dimmable ECG DALI |

Colour Key

- | | |
|------|--------------------|
| .-14 | Anodized aluminium |
| .-20 | Made to RAL |
| .-23 | Silver C3 |
| .-25 | Titanium silver |
| .-31 | White |
| .-32 | Matt white |



STORR



End cover
Art. No. 1712.099



T-connector
Art. No. 1712.095



L-connector
angle 90°
Art. No.1712.093



L-connector
Special angle
Art. No. 1712.090



Straight connector
Art. No. 1712.098



Spacing cover
Art. No. 1714.099



Mounting brackets, System M
1700.080 For ceiling thicknesses 12mm
 Width of cut-out 88mm



Wire-rope suspension, system B
1712.111 wire rope L= 1000mm
1712.112 wire rope L= 2000mm



Wire-rope suspension with canopy and cable
1712.121 wire rope L= 1000mm
1712.122 wire rope L= 2000mm

► **System Components**

The system components shown here are just a small excerpt of the current range of accessories that are available. More detailed design documents and an overview of the entire product range can be downloaded from our homepage as PDF files.

Mounting Systems:



SYSTEM K
Mounting on
auxiliary construction



SYSTEM H
Mounting on
stud bolts



SYSTEM M
Mounting with
stirrup



Through-wiring

3-pole	Butted lamps	
1720.321	for luminaire insert	21W
1720.328	for luminaire insert	28W
1720.335	for luminaire insert	35W

3-pole	Overlapping lamps	
1722.321	for luminaire insert	21W
1722.328	for luminaire insert	28W
1722.335	for luminaire insert	35W

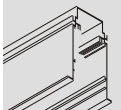

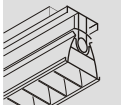
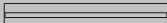
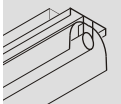

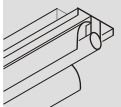

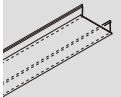
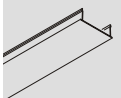


5-pole	Butted lamps	
1720.521	for luminaire insert	21W
1720.528	for luminaire insert	28W
1720.535	for luminaire insert	35W

5-pole	Overlapping lamps	
1722.521	for luminaire insert	21W
1722.528	for luminaire insert	28W
1722.535	for luminaire insert	35W

► To specify the profile's length, the placeholders ".xxx" are replaced by the length in cm.

Ordering example:
 Empty profile STORR
 Length 3100mm in white would be:
 Art. No.: 1710.310.32

							Version					
							Anodized E6EV1	White	Made to RAL	Not dimmable	DALI, dimmable	1-10 volt, dimmable
<p>► To specify the profile's length, the placeholders ".xxx" are replaced by the length in cm.</p> <p>Ordering example: Empty profile STORR Length 3100mm in white would be: Art. No.: 1710.310.32</p> <p>▼▼▼</p>												
Article No. Lamp version												
STORR with frame												
		W= 105mm	1710.xxx	Empty profile in metres			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			
		CCO= 85mm	1710.000	Sawn to size			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			
Luminaire insert with parabolic louvre												
		Length 875mm	1720.121	.-02	1 x T16	21/39W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Length 1175mm	1720.128	.-02	1 x T16	28/54W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Length 1475mm	1720.135	.-02	1 x T16	35/49/80W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Luminaire insert with reflector (without diffuser)												
		Length 875mm	1721.121	.-02	1 x T16	21/39W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Length 1175mm	1721.128	.-02	1 x T16	28/54W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Length 1475mm	1721.135	.-02	1 x T16	35/49/80W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overlapping lamp arrangement												
		Length 875mm	1722.121	.-02	1 x T16	21/39W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Length 1175mm	1722.128	.-02	1 x T16	28/54W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
		Length 1475mm	1722.135	.-02	1 x T16	35/49/80W				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Acrylic diffuser												
			1714.xxx	Empty profile in metres								
			1714.000	Sawn to size								
Blank aluminium cover												
			1715.xxx	Empty profile in metres			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			
			1715.000	Sawn to size								



RAIL

P.280

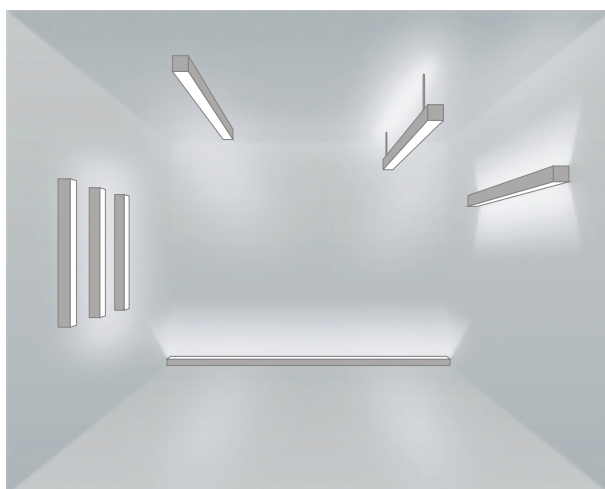


STORR

P. 264

Profile Luminaires

Luminaires and lighting systems made of extruded aluminium profile are indispensable for meeting the high demands of contemporary architecture. By integrating functional properties into the profile and by utilising the excellent thermal properties of the material it is possible to offer luminaires with extremely compact dimensions and high performance potential. The high rigidity of the profiles enables long luminaire lengths with just a few mounting points and with low weight.



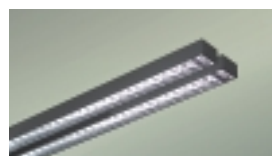
Mounting Situations

A major advantage of profile luminaires is the versatility of the system. They can be used as pendant, surface mounted or wall luminaires - the possibilities are endless, allowing them to become an easily recognisable feature. The freedom of the designer can be further expanded by using the luminaire profiles as floor channels in which the electrical components of the building technology can also be integrated.

Profile Luminaires

The possible designs that can be given to profile luminaires are virtually unlimited. We offer a large number of standard profiles built to different technical and design specifications. The most varied of requirements can be fulfilled by the variable lighting technology. A large selection of accessories rounds off this range of luminaires.

Our products are continuously being adapted to suit the growing requirements of the market. We are continually in touch with lighting designers, especially in the field of profile luminaires, so that we can implement new ideas. This enables us to custom build special profiles for specific projects.



TRIXS

P. 262



SOLAR

P. 304



mini RAIL

P. 314

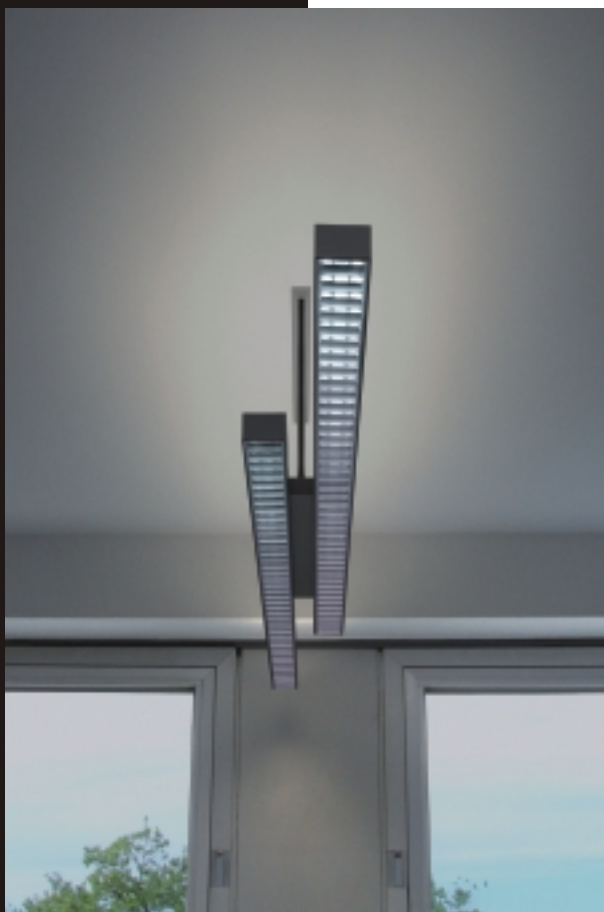


midi RAIL

P. 308

TRIXS

Miniaturisation was the name of the game when it came to designing the new TRIXS system luminaire. The starting point was the development of a particularly small parabolic specular louvre that achieves excellent photometric values despite its small size. This is due to the new type of geometry of louvre and the use of a highly reflective base material.



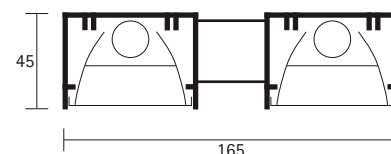
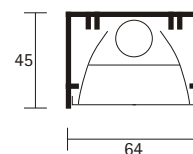
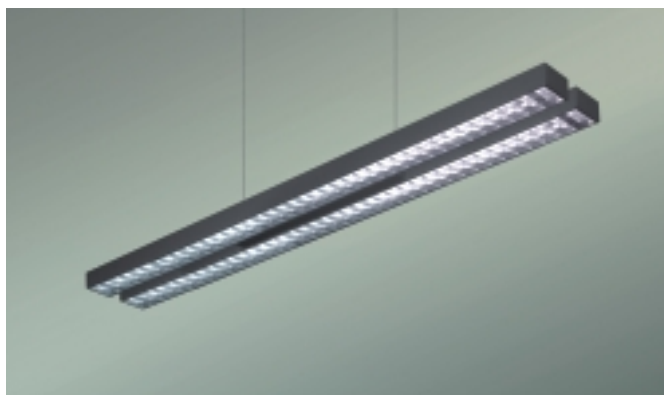
Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. Computer-workstation compatible CAT 2.



Diffuser

Cover designed as an acrylic diffuser. Satin-matt opal surface with high transmission factor for diffuse light distribution and glare-free light.



TRIXS

Pendant luminaire made of sharp-edged, drawn aluminium profile, direct/indirect, equipped for high output T5 fluorescent lamps with electronic control gear. The control gear is integrated in the blank section of the design. The control gear compartment is linearly coupled to the housing; on double units it is positioned between the profiles.

A direct/indirect parabolic louvre is used as the optical system. An opal acrylic diffuser is available as an alternative. Luminaire complete with flush fitting end plates. Wired ready-to-connect with heat resistant cable. Output line: transparent, 2m. Optionally available with pendant tube set or with wire-rope/rapid connector system.



					Version					
					Direct/indirect	Parabolic louvre	Acrylic diffuser	Silver C3	Made to RAL	Anodized aluminium
Article No. Lamp version										
	L = 1480mm	9540.249	2 x T16	35/49/80W	●	●		●	○	○
	L = 2360mm	9540.454	4 x T16	28/54W	●	●		●	○	○
	L = 1480mm	9541.249	2 x T16	35/49W	●		●	●	○	○
	L = 2260mm	9541.454	4 x T16	28/54W	●		●	●	○	○
	L = 1565mm	9544.254	2 x T16	28/54W	●	●		●	○	○
	L = 1965mm	9544.280	2 x T16	35/49/80W	●	●		●	○	○
	L = 1565mm	9545.254	2 x T16	28/54W	●		●	●	○	○
	L = 1965mm	9545.249	2 x T16	35/49W	●		●	●	○	○
	L = 1620mm	9542.154	1 x T16	28/54W	●	●		●	○	○
	L = 1920mm	9542.180	1 x T16	35/49/80W	●	●		●	○	○
	L = 1620mm	9543.154	1 x T16	28/54W	●		●	●	○	○
	L = 1920mm	9543.149	1 x T16	35/49W	●		●	●	○	○

STORR

A luminaire system that was developed together with renowned architects and electrical design engineers. The result is a contemporary, purist product design combined with innovative lighting technology. A streamlined form demonstrating uncluttered clarity was rigorously pursued in the STORR system. This aluminium profile, with a housing cross-section of 83 x 62mm, is a trendsetting design and forms the basis of our sharp-edged rectangular profiles.





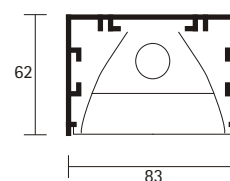
STORR

The profiles are available as single-length or multiple-length individual luminaires. The particular strength of the housing allows the number of required suspension points to be reduced. The blank sections necessitated by the design feature adjustable length. This makes it possible to take over the room's axis dimensions and to position the luminaires symmetrically within the building and as if they continued through walls. The great flexibility in terms of the possible applications as pendant, surface mounted, wall mounted and recessed luminaire is augmented by the wide selection of different lighting technology.



Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. Computer-workstation compatible. CAT 2



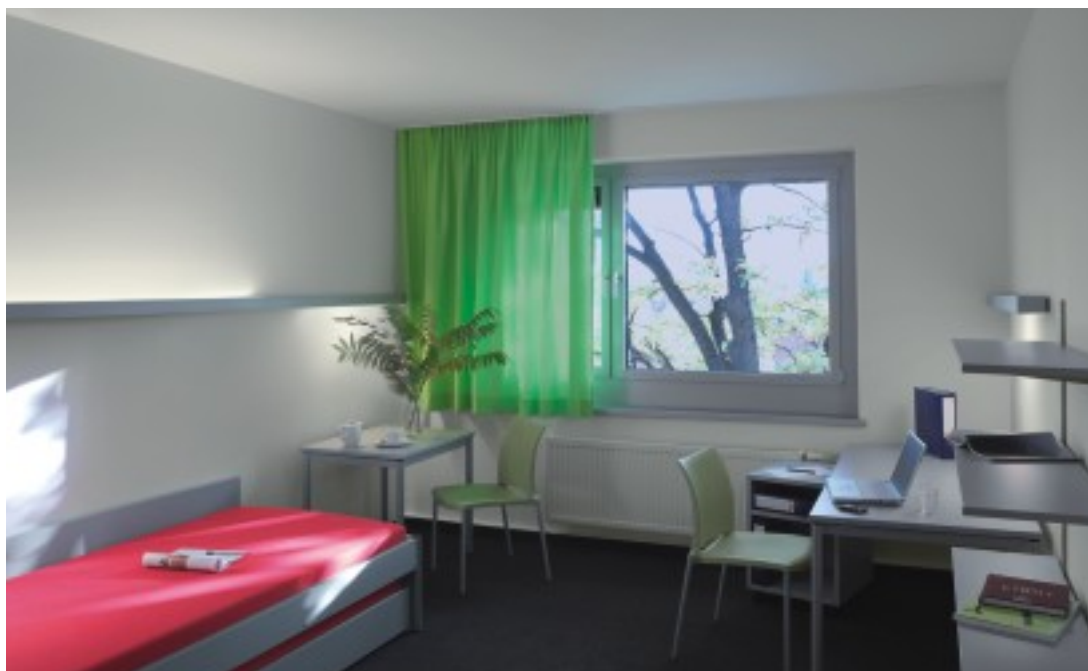
Diffuser

Cover designed as an acrylic diffuser. Satin-matt opal surface with high transmission factor for diffuse light distribution and glare-free light.



Uplight/Indirect

Purely indirect-beam light distribution with wide-beam reflector for glare-free ambient light.



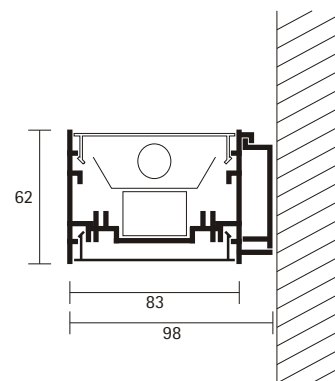
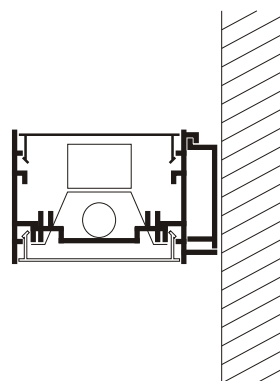
STORR Wall

This media channel was developed from the idea of using a lighting system for routing the cables and for basic installation. It features separate cable routing in the wall channel and an additional through-wiring for lighting elements and technical elements, combined with discerning lighting technology. The lighting is direct and indirect, switchable and regulable. Bedside luminaires and workplace task lighting are used at the defined locations. In addition, switches and plug sockets are positioned in the system as specified.



STORR

These profile sections are available as single-length or multi-length individual luminaires. The luminaire housing is suspended in the mounted carrier profile and secured with a concealed screw. The blank sections necessary for accommodating the equipment are variable in length. The profiles' lengths are to choice and, on request, are also available in single pieces up to 4500mm. The great versatility is supported by the selection of different lighting technology available.



On-wall Mounting

Mounted with optical shadow-gaps or with spacers, these units can be used as individual luminaires or as a lighting strip. Light emission is direct, direct/indirect or indirect.

Lighting Technology

With luminaires featuring direct light distribution, a choice is offered between a satin-matt, white opal diffuser and a clear, longitudinal prismatic diffuser. For special tasks, a computer-workstation compatible aluminium parabolic louvre is also available.

Uplight/Indirect

Luminaire with solely indirect light distribution for mild, glare-free ambient light, whereby the ceiling and wall act as a reflection surface. The lamp is covered by an opal diffuser or a prismatic diffuser, although a lamp cover is not absolutely necessary.



STORR

Various decorative versions of this system have been developed for the area of "prestigious architecture". Very different lighting moods can be created by combining with additional luminaire inserts. The indirect component of light ensures the best lighting comfort even at high illuminance levels.

Spotlight Module

A combination with the utilization of fixed or an adjustable projection unit permits a high vertical accentuation. Light sources for the auxiliary lighting are halogen lamps in low-voltage, ceramic HID lamps - such as BriteSpot Es50 - and LED.

STORR

Spot, fixed

Spot, tiltable



Fixed luminaire inserts



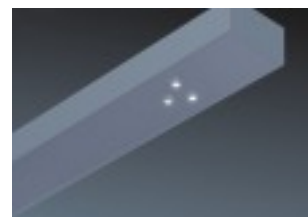
Tiltable luminaire inserts

Safety Luminaires

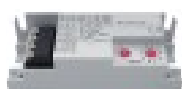
Independent luminaire inserts with or without single batteries are integrated as system elements in a non-maintained circuit. A wide variety of wattages for the emergency lighting units allow usage as safety or secondary lighting. The integration of rescue signals in continuous circuit or into reference luminaires is also possible with optical light accessories. Easy revision of the additional elements allows usage of single batteries.

LED Emergency Module

Specific components such as monitoring modules, AC/DC switching points, address modules and individual batteries can be integrated for the emergency lighting function.



Emergency lighting unit,
single battery
with control LED



Monitoring component



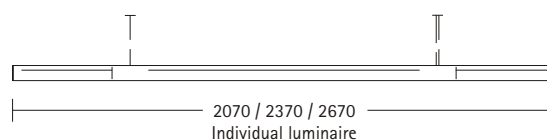
Change-over relays





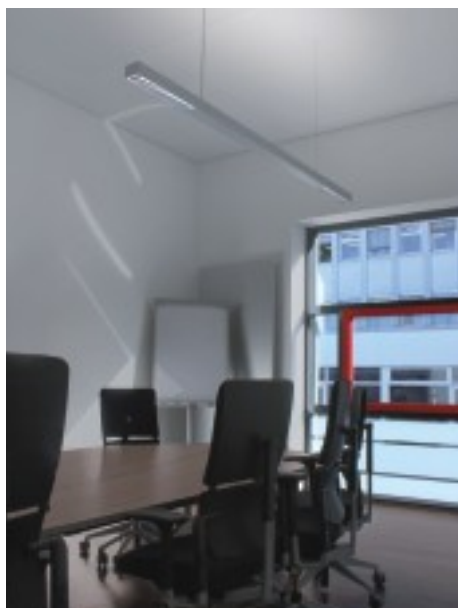
STORR

The design brief for this new version of our system luminaire STORR was glare-free light and a high indirect component. The result is a small, mirror-finish parabolic louvre that attains exceptional photometric properties despite its compact size. It is therefore able to help implement lighting engineering tasks very economically and efficiently.

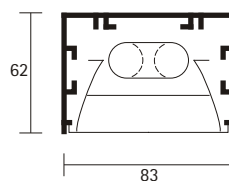


Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. CAT 2



Equipped for T5 fluorescent lamps, high output or high efficient, with MultiPower electronic control gear. Wired ready-to-connect with heat resistant cable. Luminaire with transparent output line, 2m long. Luminaire cover optionally available with aluminium parabolic louvre (compatible with computer workstations) or with wide-beam, opal, acrylic diffuser.



Article No.		Lamp version		Version				
		direct	indirect	Direct/indirect	Parabolic louvre	Silver C3	Made to RAL	Anodized aluminium
	L = 2070mm	9524.239	2 x T5-24W 2 x T16 21/39W	●	●	●	○	○
	L = 2370mm	9524.254	2 x T5-24W 2 x T16 28/54W	●	●	●	○	○
	L = 2670mm	9524.280	2 x T5-24W 2 x T16 35-80W	●	●	●	○	○
	L = 2000mm	9525.239	2 x TC-L 36W 2 x T16 21/39W	●	●	●	○	○
	L = 2300mm	9525.254	2 x TC-L 36W 2 x T16 28/54W	●	●	●	○	○
	L = 2600mm	9525.280	2 x TC-L 36W 2 x T16 35-80W	●	●	●	○	○



► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires.

Individual luminaires are always designed for pendant mounting and include the system related accessories including the end plates, the suspension and a 2m long transparent supply cable.

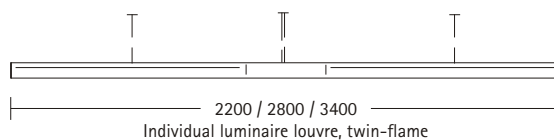
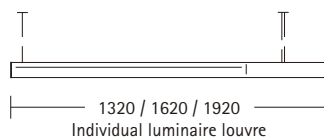
Possible suspension systems:



SYSTEM B
Wire-rope
suspension rapid
connector system



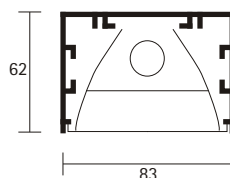
SYSTEM E
Pendant suspension
for concrete ceilings

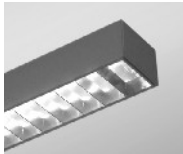



STORR

Sharp-edged, drawn aluminium profile with minimum dimensions. One-piece housing with just two suspension points. The electronic control gear is integrated in the blank constructional elements. Mounting as pendant luminaire with wire-rope rapid connector system. In terms of lighting technology, the individual luminaires are available as direct and as direct/indirect versions.

Equipped for T5 fluorescent lamps, high output or high efficient, with MultiPower electronic control gear. Wired ready-to-connect with heat resistant cable. Luminaire with transparent output line, 2m long. Luminaire cover with aluminium parabolic louvre (compatible with computer workstations).



				Version						
				Direct	Direct/indirect	Indirect	Parabolic louvre	Acrylic diffuser	Silver C3	Anodized aluminium
Article No.	Lamp version									
	L = 1320mm	9530.139	1 x T16	21/39W	●		●		●	○
	L = 1620mm	9530.154	1 x T16	28/54W	●		●		●	○
	L = 1920mm	9530.180	1 x T16	35/49/80W	●		●		●	○
	L = 2200mm	9530.239	2 x T16	21/39W	●		●		●	○
	L = 2800mm	9530.254	2 x T16	28/54W	●		●		●	○
	L = 3400mm	9530.280	2 x T16	35/49/80W	●		●		●	○
	L = 1320mm	9532.139	1 x T16	21/39W	●		●		●	○
	L = 1620mm	9532.154	1 x T16	28/54W	●		●		●	○
	L = 1920mm	9532.180	1 x T16	35/49/80W	●		●		●	○
	L = 2200mm	9532.239	2 x T16	21/39W	●		●		●	○
	L = 2800mm	9532.254	2 x T16	28/54W	●		●		●	○
	L = 3400mm	9532.280	2 x T16	35/49/80W	●		●		●	○



► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires.

Individual luminaires are always designed for pendant mounting and include the system related accessories including the end plates, the suspension and a 2m long transparent supply cable. These luminaires are designed for individual installation.

Possible Suspension Systems:



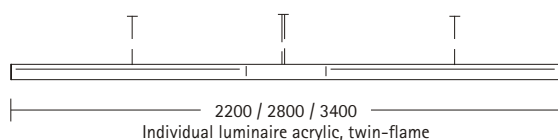
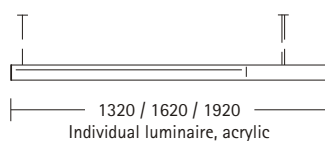
SYSTEM B

Wire-rope
suspension rapid
connector system



SYSTEM E

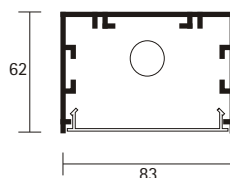
Pendant suspension
for concrete ceilings














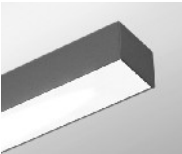




STORR

Sharp-edged, drawn aluminium profile with minimum dimensions. One-piece housing with just two suspension points. The electronic control gear is integrated in the blank constructional elements. Mounting as pendant luminaire with wire-rope rapid connector system. In terms of lighting technology, the individual luminaires are available as direct and as direct/indirect versions.

Equipped for T5 fluorescent lamps, high output or high efficient, with MultiPower electronic control gear. Wired ready-to-connect with heat resistant cable. Luminaire with transparent output line, 2m long. Luminaire cover with wide-beam, opal, acrylic diffuser.



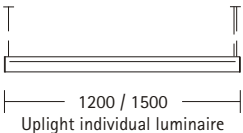
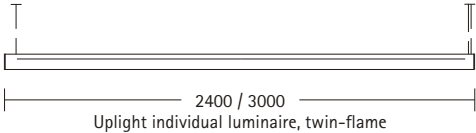
						Version														
									Direct	Direct/indirect	Indirect	Parabolic louvre	Acrylic diffuser	Silver C3	Anodized aluminium					
																				
Article No. Lamp version																				
		L = 1320mm	9531.139	1 x T16	21/39W	●				●			●	○						
		L = 1620mm	9531.154	1 x T16	28/54W	●					●			●	○					
		L = 1920mm	9531.180	1 x T16	35/49/80W	●						●			●	○				
		L = 2200mm	9531.239	2 x T16	21/39W	●							●			●	○			
		L = 2800mm	9531.254	2 x T16	28/54W	●								●			●	○		
	L = 3400mm	9531.280	2 x T16	35/49/80W	●									●			●	○		
		L = 1320mm	9533.139	1 x T16	21/39W	●								●			●	○		
		L = 1620mm	9533.154	1 x T16	28/54W	●									●			●	○	
		L = 1920mm	9533.180	1 x T16	35/49/80W	●										●			●	○
		L = 2200mm	9533.239	2 x T16	21/39W	●										●			●	○
L = 2800mm		9533.254	2 x T16	28/54W	●											●			●	○
L = 3400mm	9533.249	2 x T16	35/49/80W	●												●			●	○

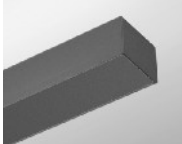



STORR

Sharp-edged, drawn aluminium profile with minimum dimensions. One-piece housing with just two suspension points. The electronic control gear is integrated in the blank constructional elements. Mounting as pendant luminaire with wire-rope rapid connector system.

Equipped for T5 fluorescent lamps, high output or high efficient, with MultiPower electronic control gear. Wired ready-to-connect with heat resistant cable. Luminaire with transparent output line, 2m long.



				Article No.	Lamp version											
		L = 1200mm	9534.254	2 x T16	28/54W											
		L = 1500mm	9534.280	2 x T16	35/49/80W											
		L = 2400mm	9534.454	4 x T16	28/54W											
		L = 3000mm	9534.480	4 x T16	35/49/80W											



STORR



End cover
Art. No. 9535.099



T-connector
Art. No. 9535.095



L-connector
angle 90°
Art. No. 9535.093



L-connector
special angle
Art. No. 9535.090



Straight connector
Art. No. 9535.098



Spacing cover
Art. No. 9538.099



Wire-rope suspension, system B
9535.111 wire rope L= 1000mm
9535.112 wire rope L= 2000mm



Wire-rope suspension with canopy and cable
9535.121 wire rope L= 1000mm
9535.122 wire rope L= 2000mm

► System Luminaire

The system components shown here are just a small excerpt of the current range of accessories that are available. More detailed design documents and an overview of the entire product range can be downloaded from our homepage as PDF files.

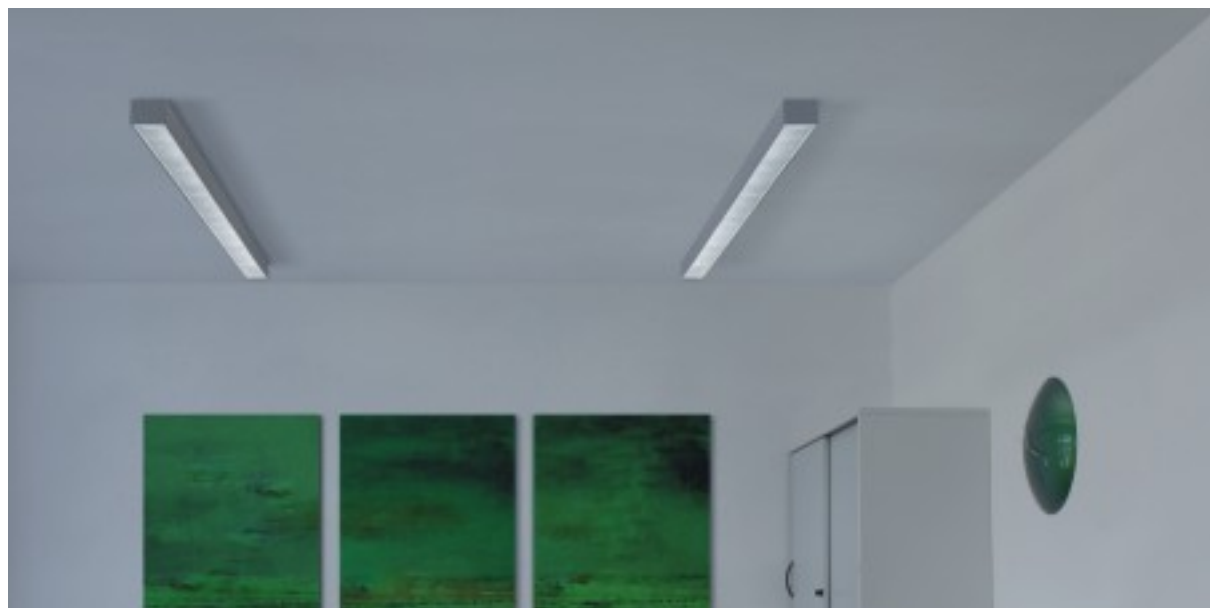
Possible Suspension Systems:



SYSTEM B
Wire-rope
suspension rapid
connector system

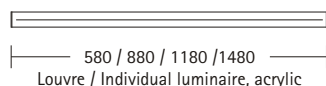


SYSTEM E
Pendant suspension
for concrete ceilings



► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are always prewired ready-to-connect and are one-piece items. System-related accessories such as end caps are included. The electric components are integrated. They are designed for ceiling mounting.



Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio.



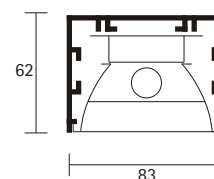
Diffuser




Cover designed as an acrylic diffuser. Satin-matt opal surface with high transmission factor for diffuse light distribution and glare-free light.



STORR-Surface Mounted

Sharp-edged, drawn aluminium profile with minimum dimensions. One-piece housing with just two mounting points. The electronic control gear is integrated in the blank constructional elements. Equipped for T5 fluorescent lamps, high output or high efficient, with MultiPower electronic control gear. Wired ready-to-connect with heat resistant cable. Luminaire cover optionally available with aluminium parabolic louvre (compatible with computer workstations) or with wide-beam, opal, acrylic diffuser.



			<div><div>T16 HE</div></div>	<div>14W G5</div>	<div>21W G5</div>	<div>28W G5</div>	<div>35W G5</div>	
			<div><div>T16 HO</div></div>	<div>24W G5</div>	<div>39W G5</div>	<div>49W G5</div>	<div>54W G5</div>	<div>80W G5</div>

					Version				
					Direct	Parabolic louvre	Acrylic diffuser	Silver C3	Anodized aluminium
Article No. Lamp version									
	L = 580mm	9528.124	1 x T16	14/24W	●	●		●	○
	L = 880mm	9528.139	1 x T16	21/39W	●	●		●	○
	L = 1180mm	9528.154	1 x T16	28/54W	●	●		●	○
	L = 1480mm	9528.180	1 x T16	35/49/80W	●	●		●	○
	L = 580mm	9529.124	1 x T16	14/24W	●		●	●	○
	L = 880mm	9529.139	1 x T16	21/39W	●		●	●	○
	L = 1180mm	9529.154	1 x T16	28/54W	●		●	●	○
	L = 1480mm	9529.149	1 x T16	35/49W	●		●	●	○



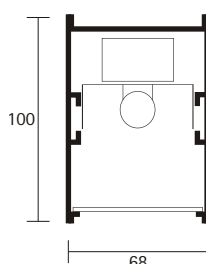
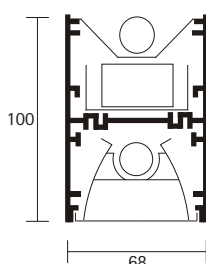
RAIL

The compact size makes this crisp-edged aluminium profile an inconspicuous architectural detail. The versatility of the lighting technology makes it universally useable, being equally suited for lighting office and functional areas and for prestigious architecture. Many special functions are possible and can be optimised for the project.





RAIL Wall Luminaire



Parabolic Louvre

Parabolic louvre with highly reflective surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. CAT 2

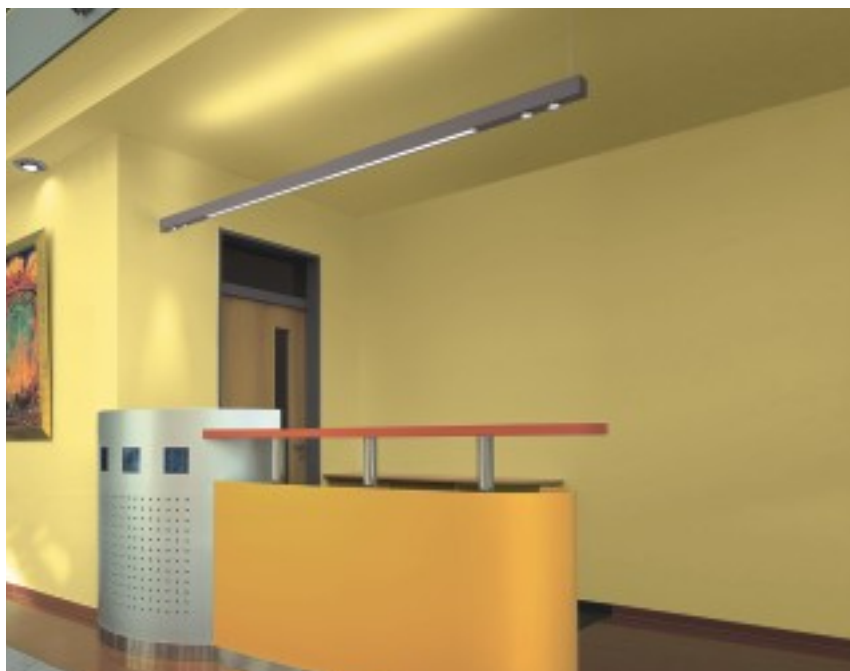


Diffuser

Cover designed as an acrylic diffuser. Satin-matt opal surface with high transmission factor for diffuse light distribution and glare-free light.

RAIL

For luminaires with direct light distribution, the aluminium parabolic louvres are available in two different louvre heights. Both louvre types are compatible for use with computer workstations. The shallow version has very good glare control, CAT 2, combined with optimum efficiency and has a wide-beam light distribution. The high cross louvre ensures maximum glare control, CAT 1. Computer-workstation compatible, featuring a dark-light lens system. The louvres are fitted all the way along. The direct/indirect version is only available with shallow louvres (computer-workstation compatible). In addition, this profile is also available as a surface mounted strip light, whereby the lamp is covered by a recessed opal diffuser in satin-matt white.



RAIL

Various decorative versions of this system have been developed for the area of "prestigious architecture". Very different lighting moods can be created by combining with additional luminaire inserts. The indirect lighting along the entire length ensures the best visual comfort even at high illuminance levels.

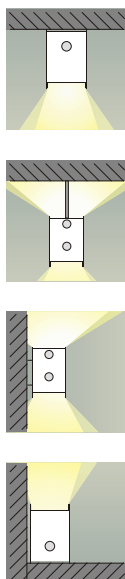
Individual

The designer's creative ideas can be realised. Large module lengths reduce the number of suspension points and contribute to the design freedom.



RAIL

This system offers new freedom. Extensive mounting options are offered for ceilings, walls and floors. Surface-mounting, recessed-mounting and pendant mounting can be flexibly realised using the various fixing materials available. When mounted as a floor channel, additional cable guides can also be built in. It is also possible to install plug sockets. This system offers an inexpensive solution particularly in areas with limited accessibility.



On-ceiling Mounting

A choice is offered between louvred or non-louvred strip lights. These may be interrupted by blank surfaces, low-voltage spotlights or fitted technical components. Connectors and angle brackets are available.



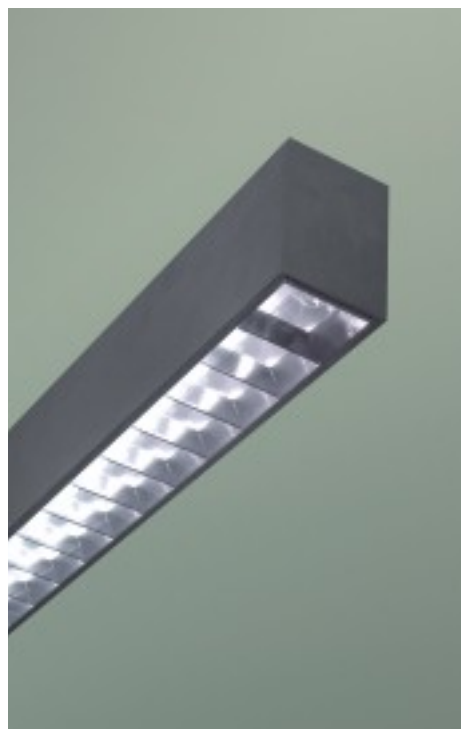
On-wall Mounting

Mounted with optical shadow-gaps, these units can be installed as individual luminaires or as a luminaire row. Light emission: direct, indirect or direct/indirect.



On-floor Mounting

When used as a floor profile, this profile can be used not only to illuminate wall areas but also as a conduit duct. It is even possible to install plug sockets and communication components.

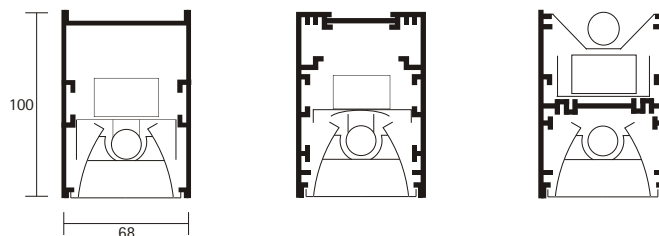


Lighting Technology

To suit the application, as the cover for the fluorescent lamps, this luminaire system offers a choice between the parabolic louvres, which give excellent glare control, and two different acrylic diffusers.

Parabolic Louvres

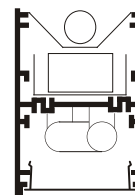
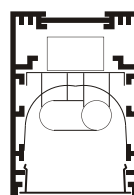
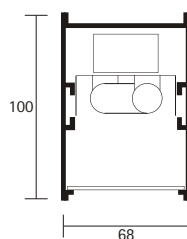
The parabolic louvres used are fitted as a continuously louvred strip with end plates. Our aluminium louvres are noted for their high efficiency and good glare control. They are suitable for use with computer workstations and for professional use in offices.



Linear light with parabolic louvre

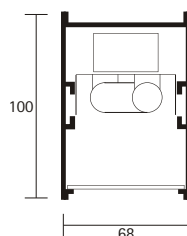


Can be fitted as a continuously louvred strip or positioned anywhere in the profile with blank covers over the empty elements.



Diffuser

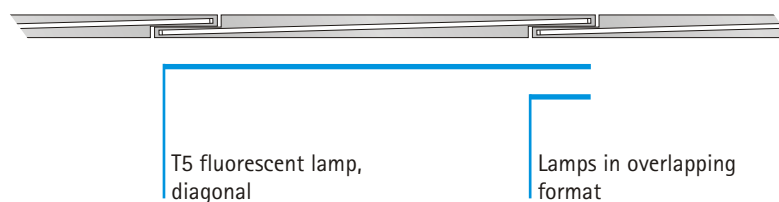
Cover designed as an acrylic diffuser. Satin-matt opal surface with high transmission factor for diffuse light distribution and glare-free light.



Prismatic Diffuser

Cover in clear acrylic, with longitudinal prismatic profile. Lens used for increased brilliance and glare-free light. Optionally also available as CDP version with anti-dazzle cone.

Strip lighting with shadow-free acrylic lens





RAIL
Various decorative versions of this system have been developed for the area of "prestigious architecture". Very different lighting moods can be created by combining with additional luminaire inserts. The indirect lighting along the entire length ensures the best visual comfort even at high illuminance levels.

Spotlight Module
High vertical accentuation can be achieved by combining the modules of fixed or adjustable spotlight units. In addition to low-voltage and high-voltage halogen lamps, high-pressure discharge lamps (e.g. BriteSpot Es50) and LEDs are also available as the light source for the additional lighting.

RAIL (H-section)



RAIL+ (U-section)



RAIL (U-section)



Spot, fixed



Spot, tiltable



Fixed luminaire inserts



Tiltable luminaire inserts

Safety Luminaires

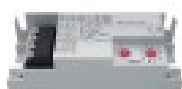
Independent luminaire inserts with or without single batteries are integrated as system elements in a non-maintained circuit. A wide variety of wattages for the emergency lighting units allow usage as safety or secondary lighting. The integration of rescue signals in continuous circuit or into reference luminaires is also possible with optical light accessories. The use of individual batteries facilitates easy maintenance.

LED Emergency Module

Specific components such as monitoring modules, AC/DC switching points, address modules and individual batteries can be integrated for the emergency lighting function.



Emergency lighting unit,
single battery
with control LED



Monitoring component



Change-over relays





Possible Suspension Systems:



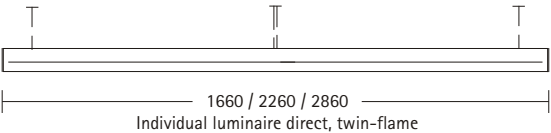
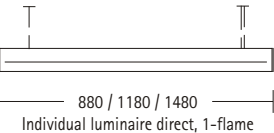
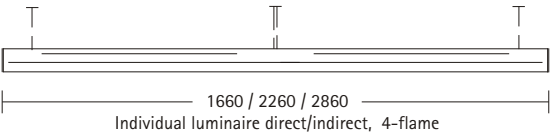
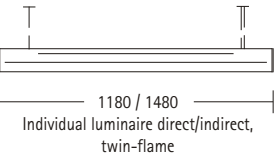
SYSTEM B
Wire-rope suspension
rapid connect system



SYSTEM E
Pendant suspension
for concrete ceilings

► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are always designed for pendant mounting and include the system related accessories including the end plates, the suspension and a 2m long transparent supply cable. These luminaires are designed for individual installation.





RAIL

Sharp-edged, drawn aluminium profile with minimum dimensions. One-piece housing with just two suspension points. The electronic control gear is integrated. Mounted as pendant luminaire with wire-rope, rapid-connector system. In terms of lighting technology, the individual luminaires are available as direct and as direct/indirect versions.

Equipped for T5 fluorescent lamps, high output, with electronic control gear (static). Prewired with heat-resistant cable and ready-to-connect. Transparent output cable, 2m. Luminaire with wide-beam, opal acrylic diffuser as clip-on profile.

			T16 H0	39W G5	49W G5	54W G5	80W G5
			T16 HE	21W G5	28W G5	35W G5	

				Version					
				Direct	Direct/indirect	Indirect	Parabolic louvre	Acrylic diffuser	Silver C3
									Anodized aluminium
Article No. Lamp version									
				direct	indirect				
	L = 1180mm	9561.154	1xT16 28/54W	1xT16 21/39W					
	L = 1480mm	9561.180	1xT16 35-80W	1xT16 28/54W					
	L = 1660mm	9561.239	2xT16 21/39W	1xT16 35-80W					
	L = 2260mm	9561.254	2xT16 28/54W	2xT16 21/39W					
	L = 2860mm	9561.249	2xT16 35/49W	2xT16 28/54W					
	L = 880mm	9563.139	1xT16 21/39W						
	L = 1180mm	9563.154	1xT16 28/54W						
	L = 1480mm	9563.180	1xT16 35-80W						
	L = 1660mm	9563.239	2xT16 21/39W						
	L = 2260mm	9563.254	2xT16 28/54W						
	L = 2860mm	9563.249	2xT16 35/49W						



► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are always designed for pendant mounting and include the system related accessories including the end plates, the suspension and a 2m long transparent supply cable. These luminaires are designed for individual installation.

Possible Suspension Systems:



SYSTEM B
Wire-rope suspension
rapid connect system



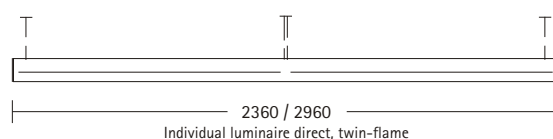
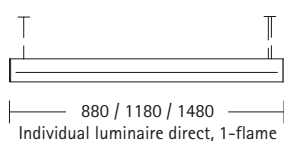
SYSTEM E
Pendant suspension
for concrete ceilings

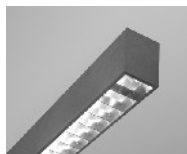


RAIL

Sharp-edged, drawn aluminium profile with minimum dimensions. One-piece housing with just two suspension points. The electronic control gear is built in. Mounting as pendant luminaire with wire-rope rapid connector system. In terms of lighting technology, the individual luminaires are available as direct version.

Equipped for T5 fluorescent lamps, high output or high efficiency, with MultiPower technology electronic control gear. Prewired with heat-resistant cable and ready-to-connect. Transparent output cable, 2m. With aluminium parabolic louvre (compatible with computer workstations).

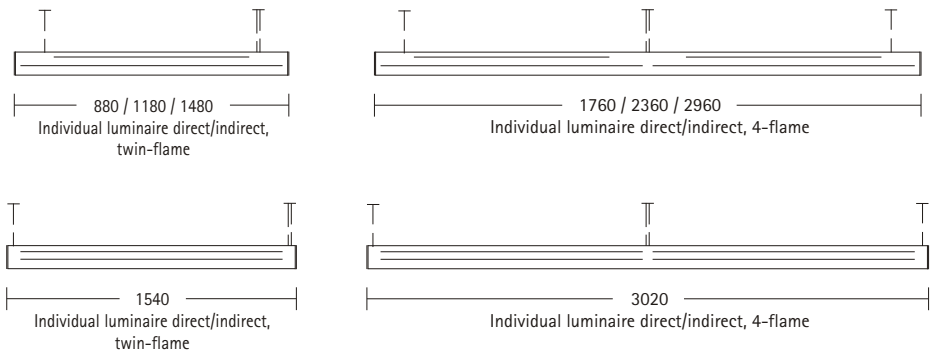


Article No.					Lamp version	D	D		P	A		S	M	
	L = 880mm	9562.139	1 x T16	21/39W	●			●				●	○	○
	L = 1180mm	9562.154	1 x T16	28/54W	●			●				●	○	○
	L = 1480mm	9562.149	1 x T16	35-80W	●			●				●	○	○
	L = 2360mm	9562.254	2 x T16	28/54W	●			●				●	○	○
	L = 2960mm	9562.249	2 x T16	35-80W	●			●				●	○	○



► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are always designed for pendant mounting and include the system related accessories including the end plates, the suspension and a 2m long transparent supply cable. These luminaires are designed for individual installation.



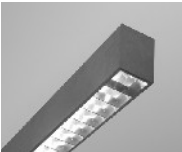

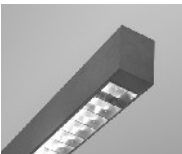



RAIL

Sharp-edged, drawn aluminium profile with minimum dimensions. One-piece housing with just two suspension points. The electronic control gear is integrated. Mounted as pendant luminaire with wire-rope, rapid connector system. Direct illumination version.

Equipped for T5 fluorescent lamps, high output or high efficiency, with MultiPower technology electronic control gear. Prewired with heat-resistant cable and ready-to-connect. Transparent output cable, 2m. Luminaire with aluminium parabolic louvres, suitable for use with computer workstations. CAT 2

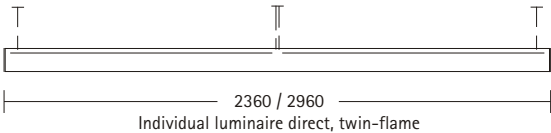
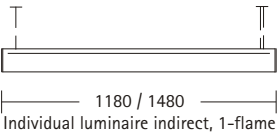
			T16 HO	39W G5	49W G5	54W G5	80W G5
			T16 HE	21W G5	28W G5	35W G5	

						Version						
						Direct	Direct/indirect	Parabolic louvre	Acrylic diffuser	Silver C3	Made to RAL	Anodized aluminium
Article No. Lamp version												
		L = 1180mm	9560.154	1xT16 28/54W	1xT16 21/39W	●	●		●	○	○	
		L = 1480mm	9560.180	1xT16 35-80W	1xT16 28/54W	●	●		●	○	○	
		L = 1760mm	9560.239	2xT16 21/39W	1xT16 35-80W	●	●		●	○	○	
		L = 2360mm	9560.254	2xT16 28/54W	2xT16 21/39W	●	●		●	○	○	
		L = 2960mm	9560.280	2xT16 35-80W	2xT16 28/54W	●	●		●	○	○	
		L = 1540mm	9560.135	1xT16 35-80W	1xT16 35-80W	●	●		●	○	○	
		L = 3020mm	9560.235	2xT16 35-80W	2xT16 35-80W	●	●		●	○	○	



RAIL
Sharp-edged, drawn aluminium profile. One-piece housing with just two suspension points. The electronic control gear is built in. Mounted as pendant luminaire with wire-rope, rapid connector system. Individual luminaires for indirect illumination.

Equipped for T5 fluorescent lamps, high output or high efficiency, with MultiPower technology electronic control gear. Prewired with heat-resistant cable and ready-to-connect. Transparent output cable, 2m. Wide-beam, indirect luminaire without cover.



T16 HO

39W
G5

49W
G5

54W
G5

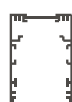
80W
G5

T16 HE

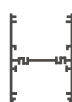
28W
G5

35W
G5

					Version						
					Direct	Direct/indirect	Indirect	Parabolic louvre	Acrylic diffuser	Silver C3	Anodized aluminium
Article No. Lamp version											
	L = 1180mm	9564.154	1 x T16	28/54W			●			●	○
	L = 1480mm	9564.180	1 x T16	35-80W			●			●	○
	L = 2360mm	9564.254	2 x T16	28/54W			●			●	○
	L = 2960mm	9564.280	2 x T16	35-80W			●			●	○



RAIL+



RAIL


 End cover
 Art. No. 1762.099

 End cover
 Art. No. 9565.099

 T-connector
 Art. No. 1762.095

 T-connector
 Art. No. 9565.095

 L-connector
 angle 90°
 Art. No. 1762.093

 L-connector
 angle 90°
 Art. No. 9565.093

 L-connector
 special angle
 Art. No. 1762.090

 L-connector
 special angle
 Art. No. 9565.090

► System Components

The system components shown here are just a small excerpt of the current range of accessories that are available. More detailed design documents and an overview of the entire product range can be downloaded from our homepage as PDF files.

Possible Suspension Systems:


SYSTEM B
 Wire-rope suspension
 rapid connect system

SYSTEM E
 Pendant suspension
 for concrete ceilings

 Straight connector
 Art. No. 1762.098

 Spacing cover
 Art. No. 1764.099

Wire-rope suspension, system B
 1762.111 wire rope L= 1000mm
 1762.112 wire rope L= 2000mm

Wire-rope suspension with canopy and cable
 1762.121 wire rope L= 1000mm
 1762.122 wire rope L= 2000mm


Through-wiring

3-pole	Butted lamps	
1770.321	for luminaire insert	21W
1770.328	for luminaire insert	28W
1770.335	for luminaire insert	35W

3-pole	Overlapping lamps	
1772.321	for luminaire insert	21W
1772.328	for luminaire insert	28W
1772.335	for luminaire insert	35W

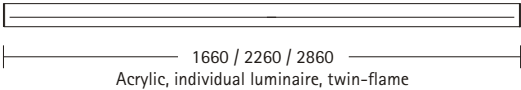
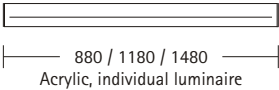
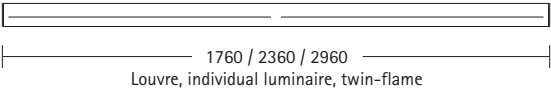
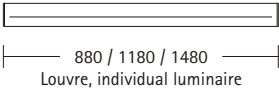


5-pole	Butted lamps	
1770.521	for luminaire insert	21W
1770.528	for luminaire insert	28W
1770.535	for luminaire insert	35W

5-pole	Overlapping lamps	
1772.521	for luminaire insert	21W
1772.528	for luminaire insert	28W
1772.535	for luminaire insert	35W



RAIL, Surface-Mounted
Multifunctional luminaire with strict geometric shape, stripped to the bare essentials, for surface mounting on the ceiling. Despite its filigree design, this product is equipped with state-of-the-art lighting technology and electronics, making it a powerful and highly efficient package. Many special functions are possible and can be optimised for the project.

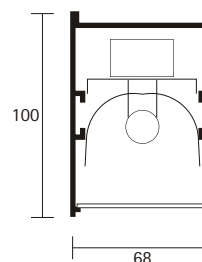


► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are always pre-wired ready-to-connect and are supplied in one piece. The delivery includes the system related accessories including the end plates, the electrical components and the lens system. They are only suitable for individual installation.

RAIL, Surface-Mounted

Sharp-edged, drawn aluminium profile. The electronic control gear is built in. Equipped for T5 fluorescent lamps, high output or high efficiency, with MultiPower technology electronic control gear. Wired ready-to-connect with heat resistant cable. Luminaire cover optionally available with aluminium parabolic louvre (compatible with computer workstations) or with wide-beam, opal, acrylic diffuser.



			T16 HO	39W G5	49W G5	54W G5	80W G5
			T16 HE	21W G5	28W G5	35W G5	

					Version				
Article No. Lamp version					Direct	Parabolic louvre	Acrylic diffuser	Silver C3	Anodized aluminium
	L = 880mm	1830.121	1 x 1 x T16	21/39W	●	●		●	○
	L = 1180mm	1830.128	1 x 1 x T16	28/54W	●	●		●	○
	L = 1480mm	1830.135	1 x 1 x T16	35/49/80W	●	●		●	○
	L = 1760mm	1830.221	2 x 1 x T16	21/39W	●	●		●	○
	L = 2360mm	1830.228	2 x 1 x T16	28/54W	●	●		●	○
	L = 2960mm	1830.235	2 x 1 x T16	35/49/80W	●	●		●	○
	L = 880mm	1831.121	1 x 1 x T16	21/39W	●		●	●	○
	L = 1180mm	1831.128	1 x 1 x T16	28/54W	●		●	●	○
	L = 1480mm	1831.135	1 x 1 x T16	35/49/80W	●		●	●	○
	L = 1660mm	1831.221	2 x 1 x T16	21/39W	●		●	●	○
	L = 2260mm	1831.228	2 x 1 x T16	28/54W	●		●	●	○
	L = 2860mm	1831.235	2 x 1 x T16	35-80W	●		●	●	○

RAIL Wall

RAIL Wall

Due to its compact size, this crisp-edged aluminium profile is an inconspicuous architectural detail. The versatility of the lighting technology makes it universally useable, being equally suited for lighting office and functional areas and for prestigious architecture. Many special functions are possible and can be optimised for the project.



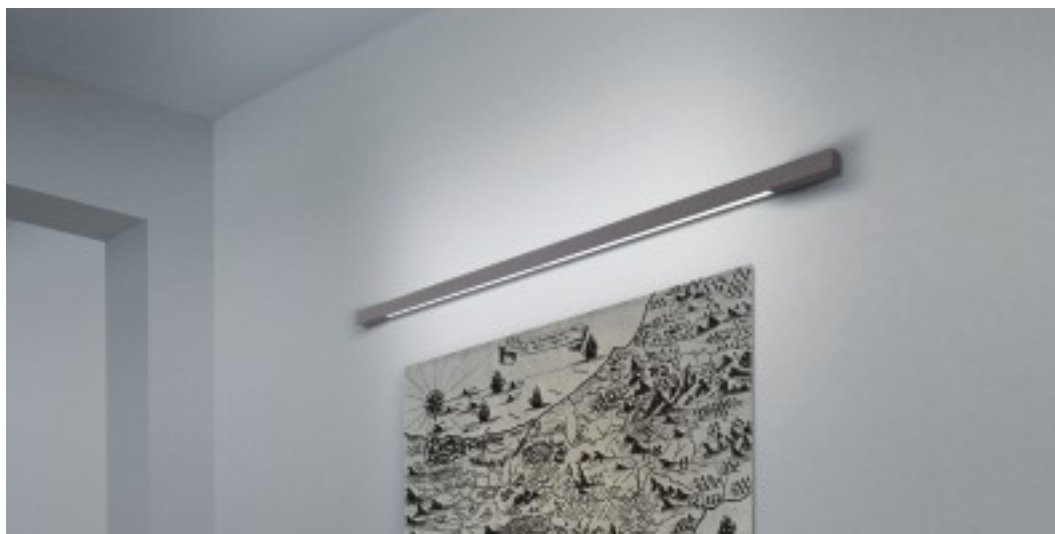
Diffuser Opal

Cover designed as an acrylic diffuser. Satin-matt opal surface with high transmission factor for diffuse light distribution and glare-free light. Luminaire supplied with the opal diffuser.

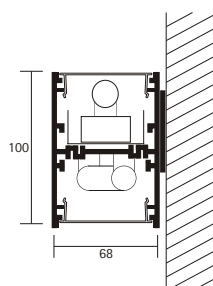


Parabolic Louvre

On request, RAIL Wall luminaire can be fitted with a computer-workstation compatible aluminium parabolic louvre. Aluminium with reflection-intensifying coating to increase the light output ratio.

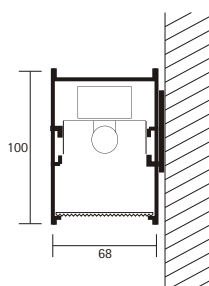


RAIL Wall luminaire built to project specifications.



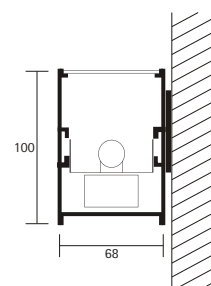
On-wall Mounting

Fitted with optical shadow gap or with spacer, these units can be installed as individual luminaires or as a luminaire row. Light emission: direct, indirect or direct/indirect.



Lighting Technology

With luminaires featuring direct light distribution, a choice is offered between a set-back white, opal diffuser and a clear, longitudinal prismatic diffuser. For special tasks, a computer-workstation compatible aluminium parabolic louvre is also available.



Uplight/Indirect

Luminaire with solely indirect light distribution for mild, glare-free ambient light, whereby the ceiling and wall act as a reflection surface. The lamp is covered by an opal diffuser or a clear, prismatic diffuser, although a lamp cover is not absolutely necessary.



RAIL Wall

T5 fluorescent lamps in HO and HE formats are used, driven by electronic control gear, AC/DC, in MultiPower version. The luminaires are fitted with separate lamps for direct and indirect light distribution. DIN-conformant luminance and lighting levels can be produced thanks to the high lumen output and the good light output ratio.



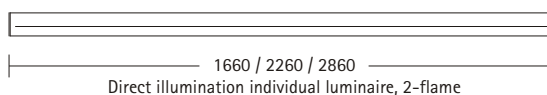
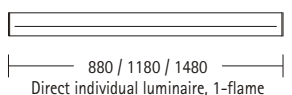
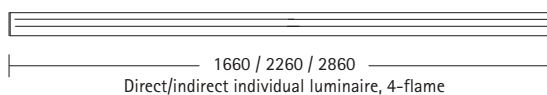
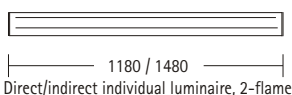
RAIL LED Emergency Lighting

Emergency lighting can be integrated using specific components such as monitoring modules, AC/DC switching points, address modules and individual batteries.

RAIL

Sharp-edged, drawn aluminium profile. One-piece housing for mounting on wall with mounting plate. Surface mounted as a wall-mounted luminaire. In terms of lighting technology, the individual luminaires are available in direct, indirect and direct/indirect versions.

Equipped for T5 fluorescent lamps, high output or high efficiency, with MultiPower technology electronic control gear. Wired ready-to-connect with heat resistant cable. Luminaire cover is optionally available with an aluminium parabolic louvre or with acrylic diffuser, available in opal or longitudinal prismatic, clear version.



				Version					
				Direct	Direct/indirect	Indirect	Acrylic diffuser, opal	Acrylic diffuser, prismatic	Silver C3
									Anodized aluminium
Article No. Lamp version									
				direct	indirect				
	L = 1180mm	8441.154	1xT1628/54W	1xT1628/54W	●		●		●
	L = 1480mm	8441.180	1xT1635-80W	1xT1635-80W	●		●		●
	L = 1660mm	8441.239	2xT1621/39W	2xT1621/39W	●		●		●
	L = 2260mm	8441.254	2xT1628/54W	2xT1628/54W	●		●		●
	L = 2860mm	8441.249	2xT1635/49W	2xT1635/49W	●		●		●
	L = 880mm	8443.139	1xT1621/39W		●		●	○	●
	L = 1180mm	8443.154	1xT1628/54W		●		●	○	●
	L = 1480mm	8443.180	1xT1635-80W		●		●	○	●
	L = 1660mm	8443.239	2xT1621/39W		●		●	○	●
	L = 2260mm	8443.254	2xT1628/54W		●		●	○	●
	L = 2860mm	8443.249	2xT1635/49W		●		●	○	●

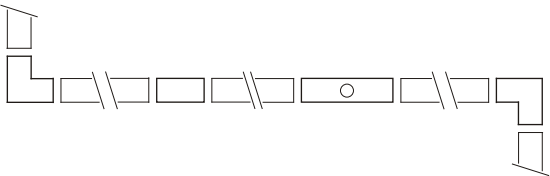
► System Luminaire

For complex lighting structures, this product is also available as a system luminaire, whereby various luminaire modules can be individually combined with different system components. Luminaire arrangements that give shape to a room can be implemented according to the designer's plans. The detailed design-work for such a system is done by our design department.



► System Components

The system components shown here are just a small excerpt of the current range of accessories that are available.



End plate
Art. No. 8445.099

Straight connector
Art. No. 8445.098

Receptacle module for technical components
Art. No. 8445.097

Module for luminaire unit
Art. No. 8445.096

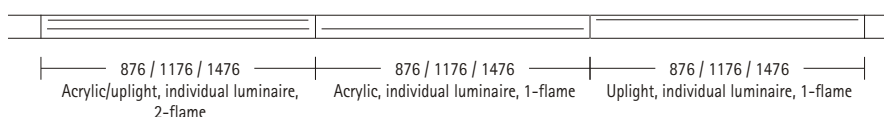
Internal-corner connector angle 90°
Art. No. 8445.094

External-corner connector angle 90°
Art. No. 8445.093

L-connector special angle
Art. No. 8445.090

RAIL

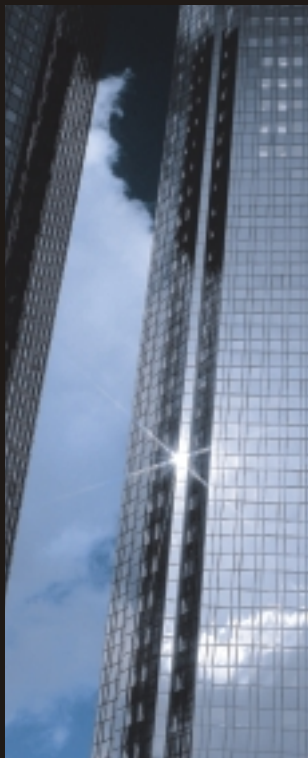
Sharp-edged, drawn aluminium profile. The electronic control gear is built in. Equipped for T5 fluorescent lamps, high output or high efficiency, with MultiPower technology electronic control gear. Wired ready-to-connect with heat resistant cable. Luminaire cover optionally available with aluminium parabolic louvre (compatible with computer workstations) or with wide-beam, opal, acrylic diffuser.



			T16 HO	39W G5	49W G5	54W G5	80W G5
			T16 HE	21W G5	28W G5	35W G5	

						Version								
						Direct	Direct/indirect	Indirect		Acrylic diffuser, opal	Acrylic diffuser, prismatic		Silver C3	Anodized aluminium
Article No. Lamp version														
luminaire ex system accessories														

SOLAR



SOLAR

This uplight pendant system offers clarity of design in a compact size. Features a large span with suspension points that can be positioned as required; this system can be discreetly integrated into the architecture. The possible partial illumination in the direct illumination area not only lends the system a special elegance, but also underlines the lighting effect. The use of additional directional spotlights also allows a scenic lighting characteristic to be created.





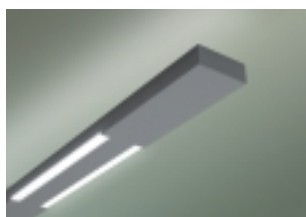
On-wall Mounting

SOLAR wall-mounted luminaire, indirect beam with additional glare-free direct illumination. Available as an individual luminaire or as a luminaire row.



SOLAR + Directional Spotlight

SOLAR, indirect beam with additional directional spotlights. Further versions available on request.



Side Diffuser

Cover designed as an acrylic diffuser. Satin-matt opal surface with high transmission factor for diffuse light distribution and glare-free light.



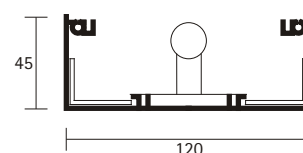
Central Diffuser

Cover designed as an acrylic diffuser. Satin-matt opal surface with high transmission factor for diffuse light distribution and glare-free light.



Uplight/Indirect

For glare-free ambient room light.





SOLAR


Sharp-edged, drawn aluminium profile. One-piece housing with just two suspension points. Individual luminaires in lengths up to 3600mm. The electronic control gear is built in. Mounting as pendant luminaire with wire-rope rapid connector system. Two versions are available with this system: indirect and indirect with partial direct illumination. Further technical requirements and design requests can also be catered for.


Single-flame, equipped for T5 fluorescent lamps, HE/HO, with electronic control gear. Wired ready-to-connect with heat resistant cable. Indirect with wide-beam reflector. A satin-matt, opal acrylic diffuser lies behind the partially milled elements. Luminaire with permanently mounted end pieces, Y-wire-rope suspension and a 2m long transparent output line with canopy.

Possible Suspension Systems:

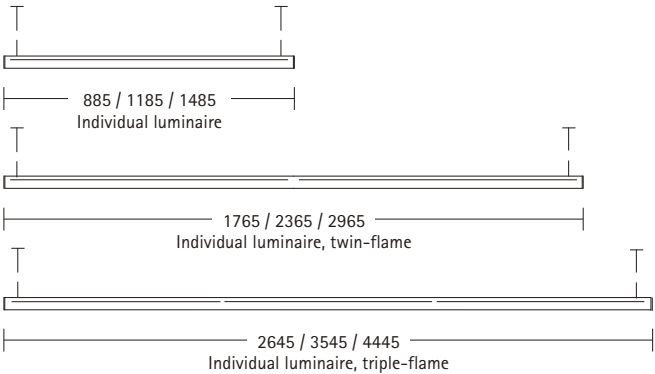
- 

SYSTEM A
Pendant suspension for mounting boxes
- 

SYSTEM C
Y-suspension with rapid connector system
- 


SYSTEM D
Pendant suspension for ceiling hooks
- 


SYSTEM E
Pendant suspension for concrete ceilings





► System Luminaire


The system components shown here are just a small excerpt of the current range of accessories that are available. More detailed design documents and an overview of the entire product range can be downloaded from our homepage as PDF files.


- 

End plate
Art. No. 9355.099
- 

Module for luminaire unit
Art. No. 9355.096
- 

Straight connector
Art. No. 9355.098
- 

T-connector
Art. No. 9355.095
- 




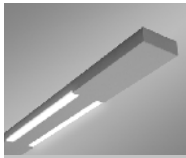

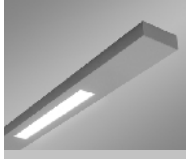

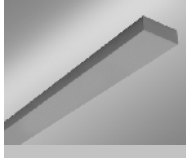

Receptacle module for technical components
Art. No. 9355.097
- 

L-connector 90°
Art. No. 9355.093

► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires.

Individual luminaires are always designed for pendant mounting and include the system related accessories including end plates, Y-wire-rope suspension, a 2m long transparent supply cable and a canopy. They are suitable for individual installation.

						Version							
						Direct	Direct/indirect	Indirect	Side diffuser	Central diffuser	Silver C3	Anodized aluminium	
   <div> <div>T16 HE</div> <div>T16 HO</div> </div> <div> <div>21W G5</div> <div>28W G5</div> <div>35W G5</div> </div> <div> <div>39W G5</div> <div>49W G5</div> <div>54W G5</div> <div>80W G5</div> </div>													
		Article No.	Lamp version										
		L = 1185mm	9350.154	1 x T16	28/54W	●			●		●	○	
		L = 1485mm	9350.180	1 x T16	35/49/80W	●			●		●	○	
		L = 1765mm	9350.239	2 x T16	21/39W	●			●		●	○	
		L = 2365mm	9350.254	2 x T16	28/54W	●			●		●	○	
		L = 2965mm	9350.280	2 x T16	35/49/80W	●			●		●	○	
		L = 3545mm	9350.354	3 x T16	28/54W	●			●		●	○	
		L = 1185mm	9351.154	1 x T16	28/54W	●			●		●	○	
		L = 1485mm	9351.180	1 x T16	35/49/80W	●			●		●	○	
		L = 1765mm	9351.239	2 x T16	21/39W	●			●		●	○	
		L = 2365mm	9351.254	2 x T16	28/54W	●			●		●	○	
		L = 2965mm	9351.280	2 x T16	35/49/80W	●			●		●	○	
		L = 3545mm	9351.354	3 x T16	28/54W	●			●		●	○	
		L = 1185mm	9352.154	1 x T16	28/54W		●				●	○	
		L = 1485mm	9352.180	1 x T16	35/49/80W		●				●	○	
		L = 1765mm	9352.239	2 x T16	21/39W		●				●	○	
		L = 2365mm	9352.254	2 x T16	28/54W		●				●	○	
		L = 2965mm	9352.280	2 x T16	35/49/80W		●				●	○	
		L = 3545mm	9352.354	3 x T16	28/54W		●				●	○	

midi RAIL

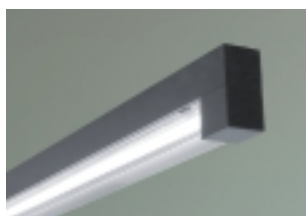
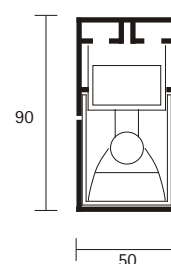
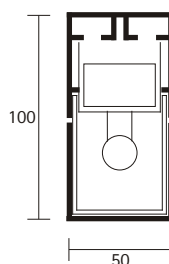


midi RAIL

This luminaire system is distinguished by its reduced and clear use of forms. A convincing choice as an individual luminaire or as a complex luminaire row, which can be combined with very different system components. The luminaires are suitable for wall and ceiling mounting and can also be suspended as a lighting structure using suspension kits. The particular strength of the housing enables multiple-length luminaire units to be used unsupported. This reduces the number of suspension points required for mounting.

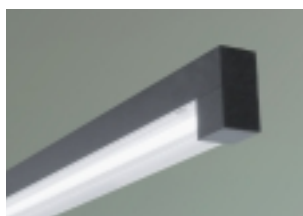
midi RAIL

Sharp-edged, drawn aluminium profile with lampholder covers shaped to fit. These can be removed tool-free to facilitate lamp replacement. The lamps are covered by the longitudinally ribbed acrylic diffuser.



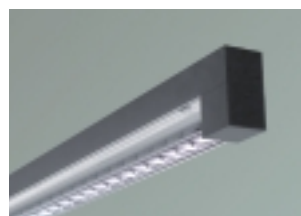
Acrylic Diffuser, Clear

Diffuser made of longitudinally ribbed, clear, acrylic profile for brilliant, glare-free light.



Acrylic Diffuser, Opal

Diffuser made of longitudinally ribbed, opal acrylic profile for comfortable, glare-free light.

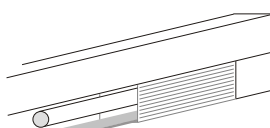


Louvre with Acrylic Diffuser

Parabolic louvre covered with a diffuser, for brilliant glare-free light.

Shading

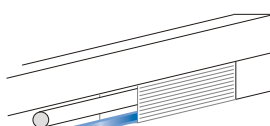
The shading is glued into the acrylic diffuser along the side or inserted reversibly.



- Acrylic diffuser
- Micro-perforated sheet-metal
Other material available on request.

Acrylic Colour Filter

This allows partial colour styling. All the sides can be individually fitted.








Colours on request

Clip Colour Filter

The alternative to coloured fluorescent lamps. A colour filter is clipped onto a white T5-lamp. 70% coverage.



 yellow	 red	 magenta
 green	 blue	

midi RAIL

midi RAIL

Sharp-edged, drawn aluminium profile. The strong housing allows even multiple-length luminaires to be offered as one-piece units. These follow the shape and are particularly easy to install. Delivered in individual lengths up to 3600mm. The electronic control gear is built in. Equipped for T5 fluorescent lamps, both HE and HO. Seven different wattages are available.

Equipped for T5 fluorescent lamps, with electronic control gear. Wired ready-to-connect with heat resistant cable. 3-pole terminal block, suitable for through wiring. General-diffuse emission with acrylic diffuser for glare control. Colour filters and lamp shields are available as lighting accessories. Luminaire complete with clip-on lampholder covers that are shaped to fit.

Possible Suspension Systems:



SYSTEM A
Pendant suspension for mounting boxes



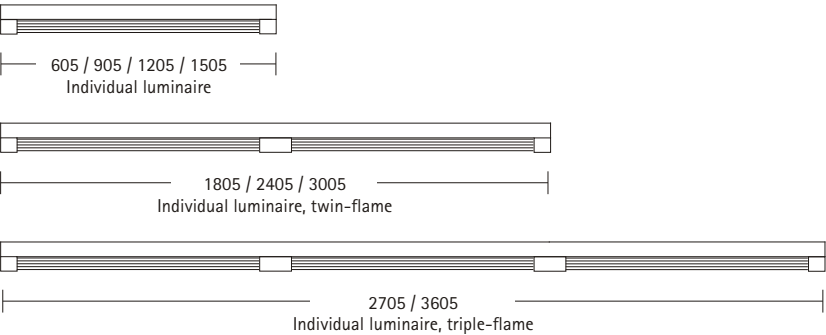
SYSTEM C
Y-suspension with rapid connector system



SYSTEM D
Pendant suspension for ceiling hooks



SYSTEM E
Pendant suspension for concrete ceilings



System Luminaire

The system components shown here are just a small excerpt of the current range of accessories that are available. More detailed design documents and an overview of the entire product range can be downloaded from our homepage as PDF files.



End plate
Art. No. 8905.099



Straight connector
Art. No. 8905.098



Receptacle module for technical components
Art. No. 8905.097



Module for luminaire unit
Art. No. 8905.096



T-connector
Art. No. 8905.095

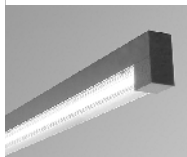
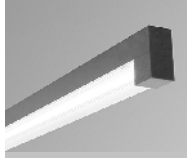


L-connector 90°
Art. No. 8905.093

► Individual Luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are always pre-wired ready-to-connect and in one piece. The delivery includes the system related accessories including the end plates and diffuser. The electrical components are built in. These luminaires are designed for ceiling mounting. Unsupported spans of up to 3000mm are possible.

			T16 HE 	14W G5	21W G5	28W G5	35W G5
			T16 HO 	24W G5	39W G5	54W G5	49W G5

					Version				
Article No. Lamp version					Acrylic diffuser, clear	Acrylic diffuser, opal		Silver C3	Anodized aluminium
	L = 605mm	8900.124	1 x T16	14/24W	●			●	○
	L = 905mm	8900.139	1 x T16	21/39W	●			●	○
	L = 1205mm	8900.154	1 x T16	28/54W	●			●	○
	L = 1505mm	8900.180	1 x T16	35/49/80W	●			●	○
	L = 1805mm	8900.239	2 x T16	21/39W	●			●	○
	L = 2405mm	8900.254	2 x T16	28/54W	●			●	○
	L = 3005mm	8900.280	2 x T16	35/49/80W	●			●	○
	L = 605mm	8901.124	1 x T16	14/24W		●		●	○
	L = 905mm	8901.139	1 x T16	21/39W		●		●	○
	L = 1205mm	8901.154	1 x T16	28/54W		●		●	○
	L = 1505mm	8901.180	1 x T16	35/49/80W		●		●	○
	L = 1805mm	8901.239	2 x T16	21/39W		●		●	○
	L = 2405mm	8901.254	2 x T16	28/54W		●		●	○
	L = 3005mm	8901.280	2 x T16	35/49/80W		●		●	○

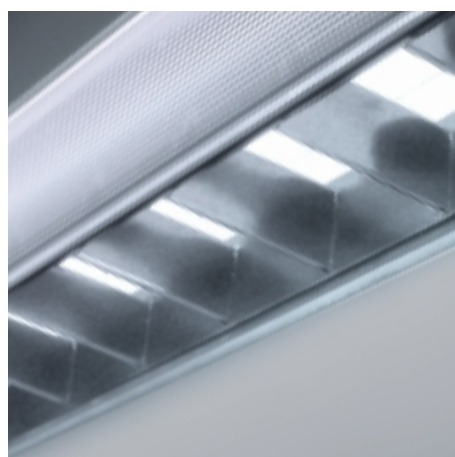


midi RAIL

This luminaire system is distinguished by its clear and simplified style. The luminaires are suitable for wall and ceiling-mounting and can also be suspended as a lighting structure using suspension kits.

Louvre with Acrylic Diffuser

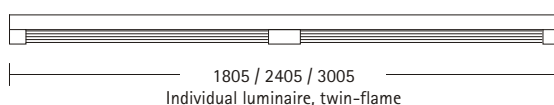
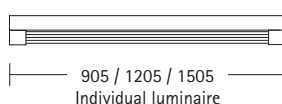
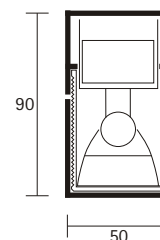
Parabolic louvre with high polish surfaces. Aluminium with reflection-intensifying coating to increase the light output ratio. Diffuser made of clear, longitudinally profiled acrylic section for brilliant glare-free light.



midi RAIL

Sharp-edged, drawn aluminium profile. One-piece housing with just two suspension points. The electronic control gear is built in. Mounting as pendant luminaire with wire-rope rapid connector system. In terms of lighting technology, the following versions are available for individual luminaires: direct, indirect and direct/indirect.

Equipped for T5 fluorescent lamps, HE/HO, with electronic control gear, non-dimmable. Wired ready-to-connect with heat resistant cable. Luminaire with transparent output line, 2m. Luminaire cover with aluminium parabolic louvre (compatible with computer workstations).



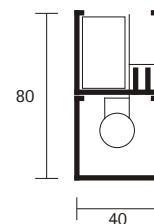
						Version				
						Direct/indirect	Acrylic diffuser with louvre	Silver C3	Anodized aluminium	Made to RAL
Article No. Lamp version										
	L = 905mm	8920.121	1 x T16	21/39W		●	●	●	○	○
	L = 1205mm	8920.128	1 x T16	28/54W		●	●	●	○	○
	L = 1505mm	8920.135	1 x T16	35/49/80W		●	●	●	○	○
	L = 1805mm	8920.221	2 x T16	21/39W		●	●	●	○	○
	L = 2405mm	8920.228	2 x T16	28/54W		●	●	●	○	○
	L = 3005mm	8920.235	2 x T16	35/49/80W		●	●	●	○	○

mini RAIL



mini RAIL

A filigree, no-nonsense design, reduced to its essential elements this product is a welcome tool for scenic lighting in rooms. A convincing choice as an individual luminaire and as a complex luminaire row, which can be combined with very different system components. The luminaires are suitable for wall and ceiling mounting. They can also be suspended as a lighting structure using the suspension systems offered.

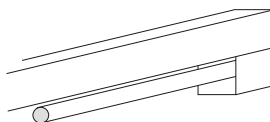


mini RAIL

Sharp-edged, drawn aluminium profile with partly fitted with luminaire elements. The specially shaped lampholder covers can be removed tool-free to facilitate lamp replacement.

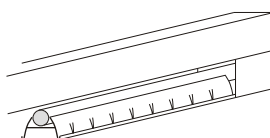
mini RAIL

As a base version in an open design with a general-diffuse lamp. The lampholder covering is contoured to fit.



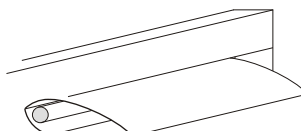
Parabolic Louvre

Accessories: despite the compact size, a fully-fledged louvre (computer-workstation compatible) is used here. Light distribution: direct/indirect, 80/20%.



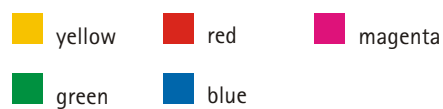
Wallwasher

Accessories: the asymmetric aluminium reflector is fitted tool-free. The light emission is directed and enables an even illumination of vertical surfaces.



Clip Colour Filter

The alternative to coloured fluorescent lamps. The colour filter is clipped onto a white T5-lamp. 70% coverage.





mini RAIL


Sharp-edged, drawn aluminium profile. The strong housing allows even multiple-length luminaires to be offered as one-piece units. These follow the shape and are particularly easy to install. Delivered in individual lengths up to 3600mm. The electronic control gear is built in. Equipped for T5 fluorescent lamps, both HE and HO. Seven different wattages are available.

Equipped for T5 fluorescent lamps, with electronic control gear. Wired ready-to-connect with heat resistant cable. 3-pole terminal block, suitable for through wiring. As a base version with general-diffuse lighting technology. Parabolic louvre for glare control, colour filters and asymmetric reflectors are available as lighting accessories. Luminaire complete with clip-on lampholder covers.

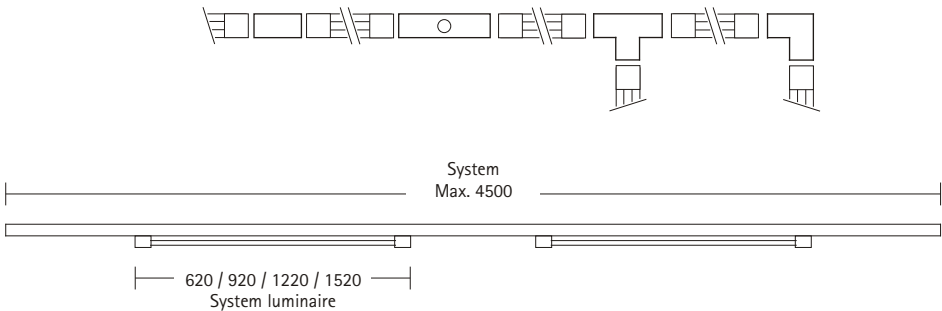
Possible Suspension Systems:

- 

SYSTEM A
Pendant suspension for mounting boxes
- 







SYSTEM D
Pendant suspension for ceiling hooks
- 

SYSTEM E
Pendant suspension for concrete ceilings



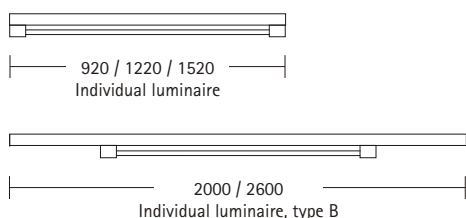
► System Luminaire

The system components shown here are just a small excerpt of the current range of accessories that are available. More detailed design documents and an overview of the entire product range can be downloaded from our homepage as PDF files.

- | | | | |
|---|---|--|--|
|  | End plate
Art. No. 8955.099 |  | Module for luminaire unit
Art. No. 8955.096 |
|  | Straight connector
Art. No. 8955.098 |  | T-connector
Art. No. 8955.095 |
|  | Receptacle module for technical components
Art. No. 8955.097 |  | L-connector 90°
Art. No. 8955.093 |

► Individual luminaire

As a design aid we distinguish between individual luminaires and system luminaires. Individual luminaires are always pre-wired ready-to-connect and in one piece. The delivery includes the system related accessories. The electric components are built in. These luminaires are designed for ceiling mounting. Unsupported spans of up to 3000mm are possible.



					Version						
					Free luminescent	Parabolic louvre	Asymmetric reflector	Clip colour filter	Silver C3	Made to RAL	Anodized aluminium
Article No. Lamp version											
	L = 920mm	8950.139	1 x T16	21/39W	●	○	○	○	●	○	○
	L = 1220mm	8950.154	1 x T16	28/54W	●	○	○	○	●	○	○
	L = 1520mm	8950.180	1 x T16	35/49/80W	●	○	○	○	●	○	○
	L = 2000mm	8951.139	1 x T16	21/39W	●	○	○	○	●	○	○
	L = 2000mm	8951.154	1 x T16	28/54W	●	○	○	○	●	○	○
	L = 2000mm	8951.180	1 x T16	35/49/80W	●	○	○	○	●	○	○
	L = 2600mm	8952.139	1 x T16	21/39W	●	○	○	○	●	○	○
	L = 2600mm	8952.154	1 x T16	28/54W	●	○	○	○	●	○	○
	L = 2600mm	8952.180	1 x T16	35/49/80W	●	○	○	○	●	○	○

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