

Sense System 48 V

price list 2024



Buschfeld track systems

The ultimate Buschfeld system – track concept comprises functionality and optimum lighting.

We have been producing the original track – LightLight – since 1989.

We focus on preserving, improving and refining what is good.

Our classic lighting system has been further developed and its functional qualities redefined. As a result of the requirement to provide digitally controllable lighting, we developed a 48 volt system in 2017. Its name: Sense System. It offers all the benefits of digital lighting control via wireless technology.

The design and form of the Buschfeld track remains unchanged – the inner components have been redeveloped to align with what the new standard can now offer with a power supply voltage of 48 V.

The design and size of the components have been reduced to the maximum, and their functionality optimized. Given that we use the best LED technologies available on the market, plus optical Snap filters, we can be sure we are operating at the highest level with regard to lighting solutions – all in combination with smart functions that can be combined independent of which manufacturers we cooperate with.

Sense System – timeless, understated aesthetic quality and future-oriented technology that harmonizes elegantly with different styles of architecture.


note on the price list

All prices are recommended sales prices + VAT.
Dimensions are quoted in millimetres, unless otherwise stated.

Price and Application Examples

For a quick glimpse, inspiration, and brief pricing information, we have compiled examples. These include a complete Buschfeld system with tracks, mounting sets, corners, connectors, and accessories – only the lights are not included. Example combinations for the lights are also provided. Customize the product lineup as needed, adding or swapping tracks and components according to your requirements.

Some price examples
can be found in this PDF.




Ordering Assistance: all you need to know

The „all you need to know“ overview is designed to facilitate your entry into your lighting concept with Buschfeld lighting systems. Here, we present the nine key topics for lighting planning. Our product portfolio is diverse and adaptable. Get inspired – there are no limits to your creativity.

Project document and Questionnaire

Utilize our project sheet for your inquiries. Many points for a comprehensive offer are covered here. You can also use the form if you want to protect a project.

The project document & questionnaire
can be found in this PDF.




Support & Service




If you need assistance with planning, send us an email or visit our website.

Write us an email.

www.buschfeld.de/en



Sense System

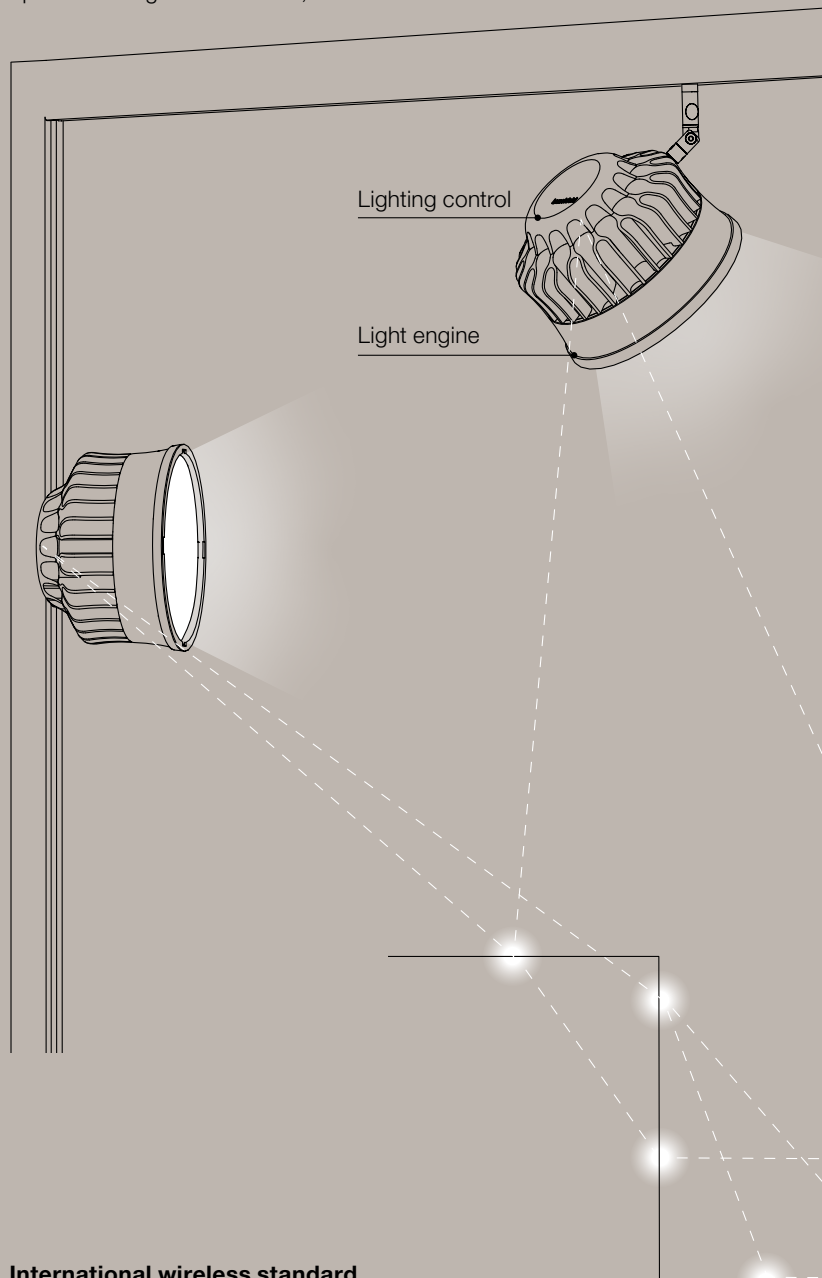
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Sense System

Basic Information

Sense System is the most slimline 48 V single-phase track system of its quality and class. The well-designed track system offers a number of advantages: the layout of the track does not depend on the power outlets available in the space. A wide variety of luminaires can be applied and positioned practically anywhere along the track. Given the option of being able to switch, dim or

program the luminaires individually, it is possible to realise highly flexible, custom-designed lighting solutions to suit the space and its use.



International wireless standard

Sense System does not require the luminaires to be connected in a costly fashion to the building control system via BUS systems. Sense System operates on state-of-the-art, extremely user-friendly wireless technology: every single luminaire and sensor in the network operates via a wireless standard. As long as the so-called participants in the network are within a reasonable distance from one another, they are able to communicate.

Luminaires

Programmable light: the timeless, pure aesthetics of digital. Four luminaires have been developed for Sense System - Thirty-Five, Fifty, Ninety-Five and Leaf. All luminaires are network-enabled directional spotlights, equipped with innovative electronics, and encased in an extremely compact housing. For the first time, the design and type of luminaires, plus the lighting control chip and the light engine with the different lighting features, are fixed firmly together to form one complete unit.

Lighting control

Sense System works with lighting control protocols from Casambi. A Casambi compatible chip is integrated into every Sense System luminaire. The resulting network architecture enables every luminaire to be controlled individually and/or in groups.

Light engines

Light engines are the LED equivalent of a conventional lamp. They comprise LED chips that are programmed to ensure the luminaire delivers the required colour temperature and beam angle. Specific Dim-To-Warm LED complete the choice. The Ninety-Five and Fifty ranges of luminaires designed for application with Sense System can be equipped with the Snap system, which allows filters to be attached easily to change the beam angle or shift the colour temperature.

Further information are available at: www.buschfeld.de/en/how-it-works/48107

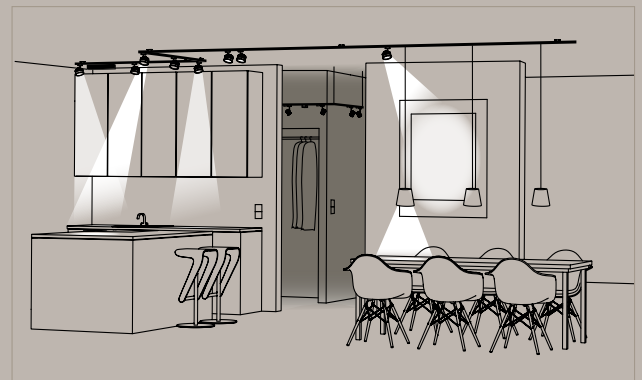
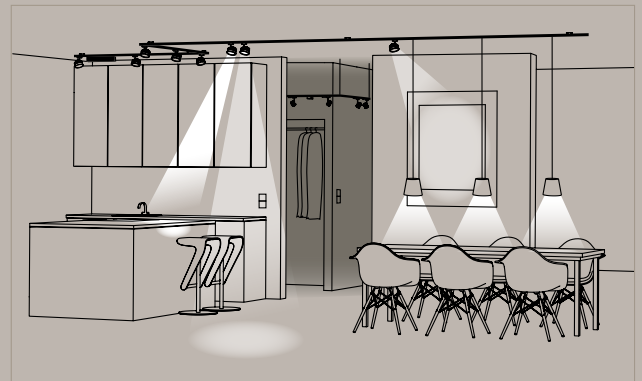
Controlling the luminaires

The luminaires can be controlled using a variety of devices that we use on a daily basis: smartphones, smartwatches, tablets or, of course, switches, push buttons or Xpress.



Applying groups of luminaires

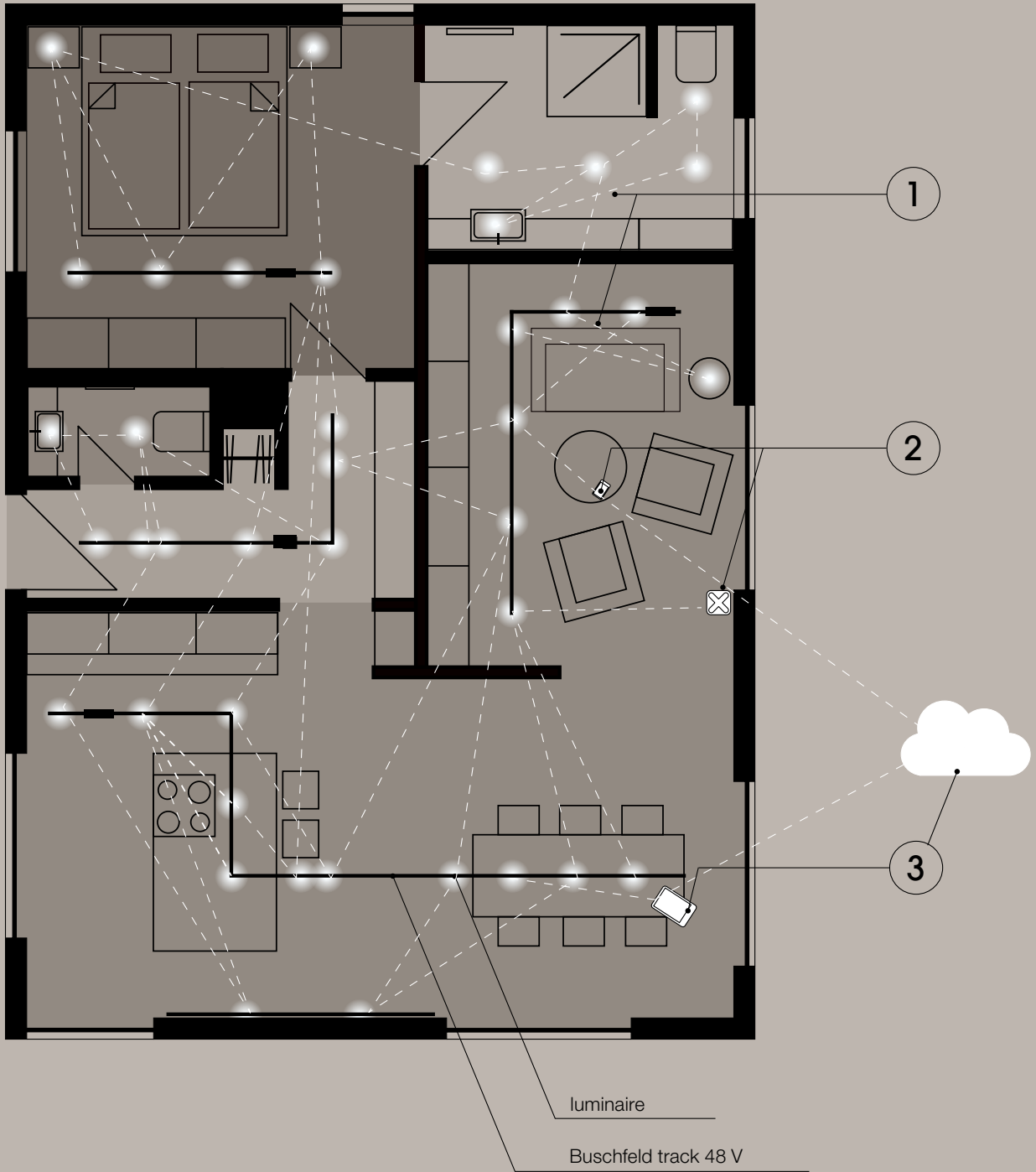
Being able to apply connected luminaires in groups and assigning them to perform specific lighting tasks is the simplest way of defining what smart luminaires can offer. The user decides which luminaire belongs in which group - irrespective of the location on the track, in the building or within the network. For example: luminaires applied in a dining room or in the kitchen are allocated to a designated group. It is also possible to connect a luminaire in the dining area with one in the lounge and one in the kitchen to create a specific atmosphere. Simply by touching the app on a smartphone or control panel, you can make the luminaires switch on, off or dim down.



Lighting scenarios

Track-mounted luminaires interconnected to form a network can be switched and dimmed to create a variety of lighting scenarios.. Atmospheres can be adapted and sensitively aligned to suit situational requirements, and then saved for future application. Also a timer function is possible. At the same time, individual luminaires can be excluded from a given scenario and can be switched and dimmed on their own.





1 Function

- control of groups of luminaires
- control of lighting scenarios
- integration of sensors into a system
- programming of timelines

[How it works](#)
[Learn more about our luminaires](#)

2 Control

- wireless standard switch
- Casambi Xpress switch/remote control
- other interfaces can be integrated e.g. DALI
- smartphone
- tablet
- smartwatch

The system can be configured using an Apple or Android app

3 Additional benefits

- can be used intuitively, no technical know-how required
- uses Casambi Cloud for synchronisation of network data

Fields of application

- private homes
- small-scale projects
- commercial and large-scale projects (In order to realize unlimited luminaires in one project, several networks can be created that can be controlled simultaneously. Thanks to a Casambi gateway functionality, the networks can be accessed via remote.)
- DALI controls can also interact with the Sense system via a gateway and be expanded with a wireless solution

buschfeld x Casambi

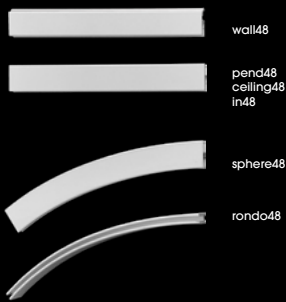
Quick reference guide re. Casambi app

Our quick reference guide provides information to support you when realising your first installation using this system, or when updating Buschfeld luminaires already installed with Casambi lighting control.

[Buschfeld x Casambi App \(PDF\)](#)

[Casambi App User Guide \(English/PDF\)](#)
www.casambi.com

all you need to know



structure of tracks

Determine the mounting and trajectory of the lighting tracks using system combinations, 3D stretches, rail arcs, as well as T, cross, and star connectors.

A top view or side view with a sketch helps us better understand your lighting concept. Step by step, we can address any open questions collaboratively, providing a clear overview of the desired tracks structure.

[How it works
Concept of tracks](#)

1



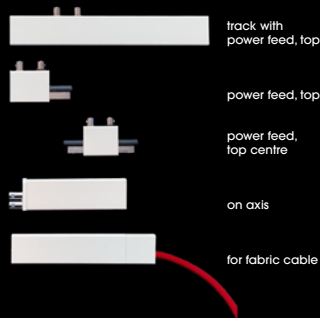
track colour | surface colour

Standard colours:
alumatt, black, white, bronze

We produce special colours on request.
Here are some examples.

[How it works
Standard- & Customized Colours](#)

2



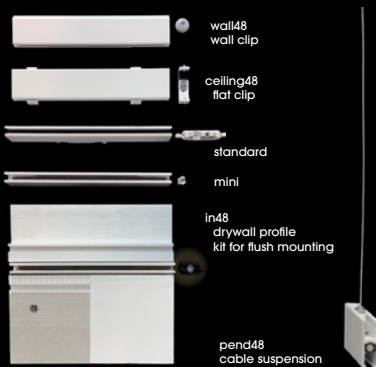
power feed (48 V)

For the 48-volt power supply, we offer various options for feeding power: either installed in a continuous track or a separate, small component.

The specific choice of feed is necessary if your plan involves an operating device that is not directly installed on the track.

[All power feeds](#)

3



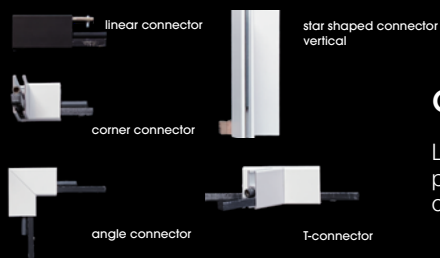
mounting kits

The wall track package includes the mounting, and only one type of attachment is possible in this case.

For pendant, ceiling, or recessed tracks, choose the appropriate mounting sets based on your installation concept. These may include suspension cables, ceiling mounting sets (standard 6mm or mini 2mm), flat clips, or recessed sets.

[All mounting kits](#)

4

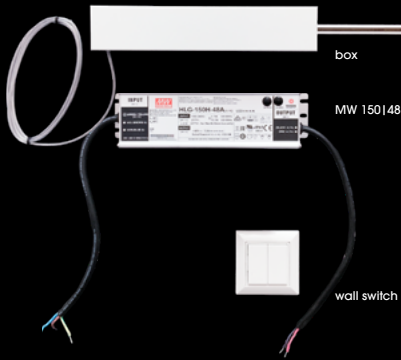


components

Linear tracks connectors, corner, T-connectors, or stars are part of the product selection, as are ceiling boxes, picture cables, textile cables, and other components.

[All connectors](#)

5



control gear | Casambi accessories

The Buschfeld switching power supplies are essential for providing the 48-volt power needed for the Sense System lights with integrated light control. You have the flexibility to choose whether the operating device should be prominently displayed in a design housing or discreetly concealed.

Additionally, for lights equipped with Casambi control, you have a range of options beyond the app, including wall switches, motion sensors, relays, and gateways.

6

Products
All control gears

How it works
Learn more Control Gears



luminaires | lighting control

The lighting requirements encompass picture lighting, spots, pendant lights, and uplight modules. Our selection of lights is as diverse as the demands.

When making your choices, consider the following steps:

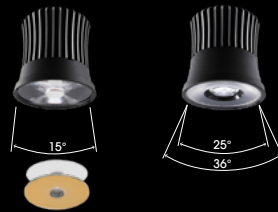
1. Light family
2. Mounting direction
3. Light control:

CASAMBI

Products
All luminaires

How it works
Learn more about our luminaires

7



colour temperature | beam angle

In the second stage of selection, choose the beam angle and light colour. Ninety-Five Spots (9°) and Fifty Spots (15°) use the Sora Snap System™, providing flexibility with filter attachments. Customize beam angle, light colour, and honeycomb grids during on-site installation.

- 2700 K
- 3000 K
- 1800 - 3000 K Dim-to-Warm

How it works
Learn more, Dim-to-warm

How it works
Learn more, Sora Snap System

8



shades



SORAA
Snap filter
small



large

accessories

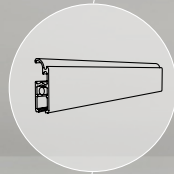
The lampshades play a dual role, serving as both aesthetic enhancements and functional components. They conceal the heat sink of the light heads and contribute to minimizing glare. You have the option to choose lampshades for all spotlights.

If you opt for the Light Engine with the Snap System, you gain access to a wide range of filter attachments. These filters offer the flexibility to customize beam angles, change colours, and use honeycomb grids for precise glare reduction. Our extensive options empower you to create lighting that aligns with your unique preferences and specific requirements.

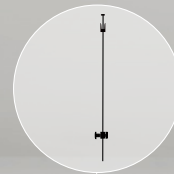
Products
Overview filter Snap System small

Products
Overview filter Snap System large

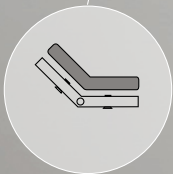
9



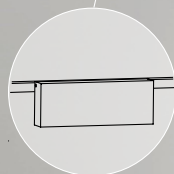
● 48-91003
wall track, white



90010
picture rod with
picture hook



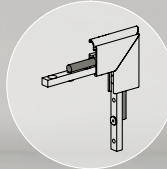
91504
joint connector,
70°-290°,
horizontal - slanting



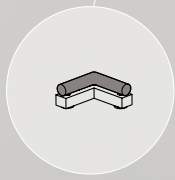
● 48-90626 b
Bigbox wall I 150,
white



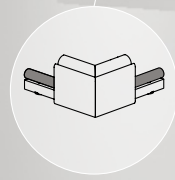
Sense System wall48 wall track



● 91424
angle connector 90°, on the inside, horizontal - vertical, conductive, black



91401
corner connector 90° on the inside, conductive, horizontal - horizontal,



● 91416
corner connector 90° on the outside, conductive, horizontal - horizontal, black

The Wall48 track system combines both the illumination and hanging of pictures. The track layout can be designed to align with the project at hand. Illuminate your pictures and spaces to meet your wishes and requirements.

<https://buschfeld.de/en/how-it-works/88103>



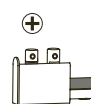
Wall track and power feeds



wall track

L=2000, can be shortened
incl. mounting accessories
(5 wall clips)
48 V DC, 12.5 A

article no.	€ Euro
● 48-91002	213,00
○ 48-91006	
● 48-91003	

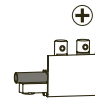


power feed at end, top left

L=35
screw contact, incl. 2 end caps
48 V DC, 12.5 A

! Cable to be selected and ordered separately.

article no.	€ Euro
● 91114	140,00
○ 91118	
● 91121	

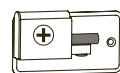


power feed at end, top right

L=35
screw contact, incl. 2 end caps
48 V DC, 12.5 A

! Cable to be selected and ordered separately.

article no.	€ Euro
● 91106	140,00
○ 91110	
● 91119	

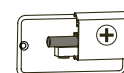


power feed at end, recessed, left

L=35
screw contact, incl. 2 end caps
48 V DC, 12.5 A

! For flush-mounted socket see accessories. Cable to be selected and ordered separately.

article no.	€ Euro
● 91130	140,00
○ 91134	
● 91136	



power feed at end, recessed, right

L=35
screw contact, incl. 2 end caps
48 V DC, 12.5 A

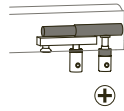
! For flush-mounted socket see accessories. Cable to be selected and ordered separately.

article no.	€ Euro
● 91122	140,00
○ 91126	
● 91128	



Design: Hans Buschfield

2404-219

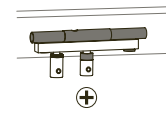


**power feed at end,
facing downwards,
left or right**

L=0
screw contact, incl. 2 end caps
48 V DC, 12.5 A

❗ Cable to be selected and ordered separately.

article no.	€ Euro
● 91102	110,00
○ 91107	
● 91123	

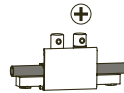


**power feed central,
facing downwards**

L=0
screw contact, incl. 2 end caps
48 V DC, 12.5 A

❗ Cable to be selected and ordered separately.

article no.	€ Euro
● 91202	128,00
○ 91203	
● 91205	

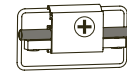


**power feed central,
upper section**

L=35
screw contact, incl. 2 end caps
48 V DC, 12.5 A

❗ Cable to be selected and ordered separately.

article no.	€ Euro
● 91204	150,00
○ 91208	
● 91209	



**power feed central,
recessed**

L=35
screw contact, incl. 2 end caps
48 V DC, 12.5 A

❗ Cable to be selected and ordered separately.

article no.	€ Euro
● 91212	154,00
○ 91216	
● 91218	



**power feed at end,
on axis left or right**

L=18
screw contact, incl. end cap
48 V DC, 12.5 A

❗ Cable to be selected and ordered separately.

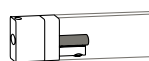
article no.	€ Euro
● 91104	104,00
○ 91105	
● 91125	



LV stranded cable

silver transparent, highly flexible, incl. 4 cable end sleeves

article no.	€ Euro
2x2,5 mm ² , running metre	90525 15,00
2x4 mm ² , running metre	90520 17,00
2x6 mm ² , running metre	90500 18,00

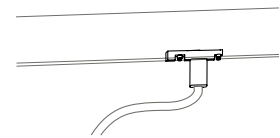


**power feed for fabric
cable, on axis left or
right**

L=31 mm, screw contact for fabric
cables with outside diameter of
max. 7.0 mm, incl. end cap,
48 V DC, 12.5 A

❗ Fabric cable to be selected and ordered separately. Please note a possible power limitation for the supply cable.

article no.	€ Euro
● 91137	104,00
○ 91138	
● 91139	
● 91140	



**adapter power feed,
positioned as required,
for fabric cable**

adapter power feed, hide, fits into the inner
conductor side of the track, for fabric cable
with an outer diameter max. 7.0 mm,
incl. 1 end cap,
48 V DC, 12.5 A

❗ Fabric cable to be selected and ordered separately. Please note a possible power limitation for the supply cable.

article no.	€ Euro
● 91131	104,00
○ 91133	
● 91135	
● 91141	



fabric cable

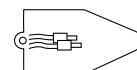
running meter, round flexible cable,
double insulated, covered by cotton,
outside diameter 6,2 mm, cable cross-
section 2 x 0.75 mm²

❗ power max. 200 W for max. cable
length of L < 5000 mm

Selection of www.creative-cables.com

*The fabric cable colour - RC43 is our
choice to match the bronze track colour.

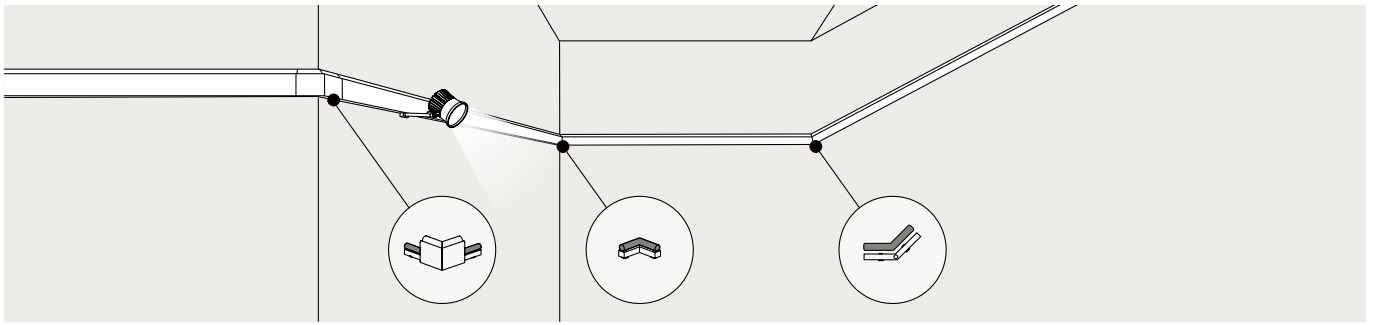
article no.	€ Euro
● 90551-RC35	7,50
○ 90551-RC01	
● 90551-RC04	
● 90551-RC43*	



recessed socket

socket type: Kaiser 1048-00

article no.	€ Euro
90007	6,00

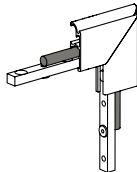

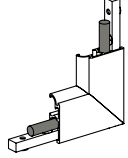









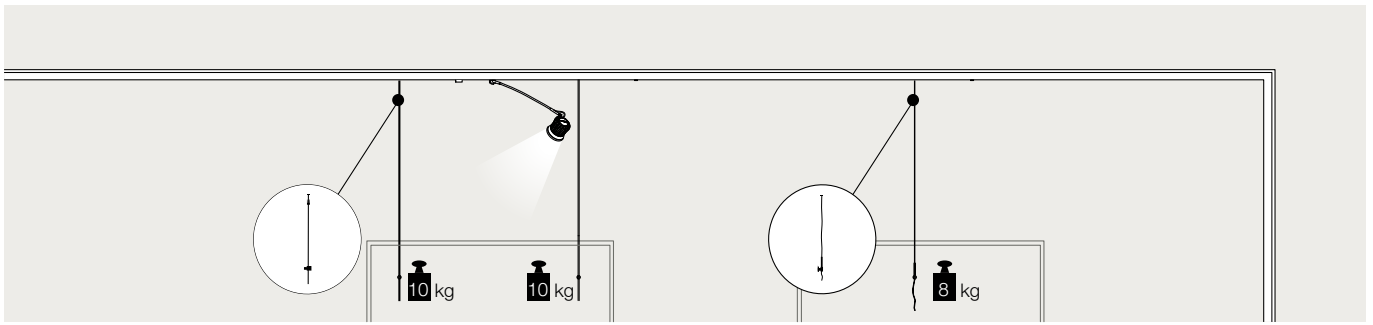
Connectors

					
linear connector conductive	article no.	€ Euro	linear connector insulating	article no.	€ Euro
L=0	91302	50,00	L=1	 91304  91305  91307	7,00

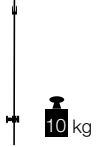

					
corner connector 90°, on the inside, horizontal-horizontal, conductive	article no.	€ Euro	corner connector 90°, on the outside, horizontal-horizontal, conductive	article no.	€ Euro
L=0 mitre cut required on site	91401	61,00	L=35	 91410  91414  91416	77,00

					
joint connector 80-280° horizontal-horizontal	article no.	€ Euro	joint connector 70-290° horizontal-slanting	article no.	€ Euro
L=0 mitre cut required on site	91502	93,00	L=0 mitre cut required on site e.g. for staircases	91504	93,00
conductive			conductive		

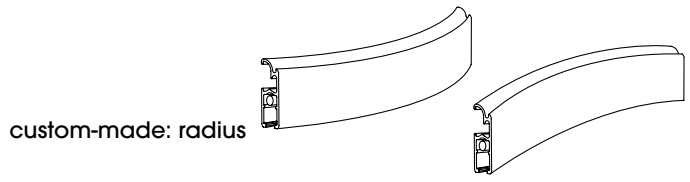
					
angle connector 90°, on the inside, horizontal - vertical, conductive	article no.	€ Euro	angle connector 90°, on the outside, horizontal-vertical, conductive	article no.	€ Euro
L=50 inner conductor on the inside	 91418  91422  91424	77,00	L=50 inner conductor on the outside	 91426  91430  91432	77,00



Accessories

					
picture rod with picture hook	article no.	€ Euro	additional picture hook for picture rod	article no.	€ Euro
2,6x1000	90010	39,00		90019	11,00
2,6x1350	90011	44,00			
2,6x2000	90012	45,00			

					
picture cord with picture hook	article no.	€ Euro	additional picture hook for picture cord	article no.	€ Euro
1,0x1500	90013	40,00		90017	15,00
	90013 b	40,00			
	<small>plastic bolt, black</small>				



Curved upright sections of track, convex or concave (min. diameter of 1000 mm), are also available.

Please send us an e-mail with the data applicable for your planned track layout to info@buschfeld.de
Further information on page 125

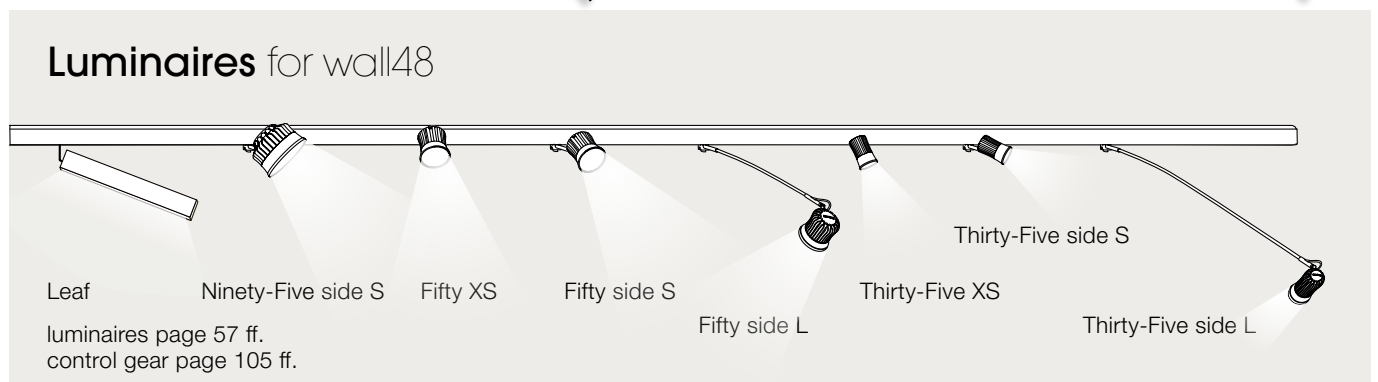
<https://buschfeld.de/en/how-it-works/88114>



All track and shades can be custom made in the colour (RAL or NCS-compliant) of your choice.

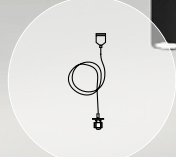
Please send us an e-mail with information with the layout of the track, the number of luminaires, choice of colour(s) to: info@buschfeld.de. Further information on page 126.

<https://buschfeld.de/en/how-it-works/88107>

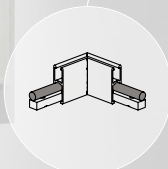




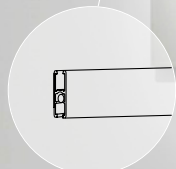
● 91959 b
flat clip, black



93604
cable suspension



● 95242
angle connector
90°, conductive,
black



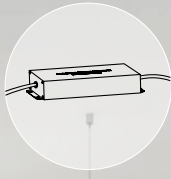
● 48-93042
pendant track,
black



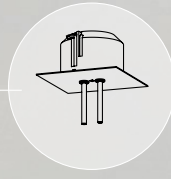
93103
linear connector,
conductive

Sense System pend48 pendant track

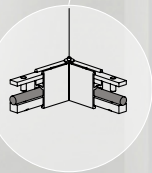
48-90143
power supply switch
MW 150 | 48 V



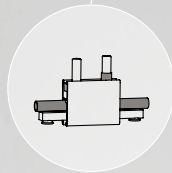
○ 93535
recessed canopy
for power feed rods,
white



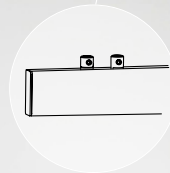
○ 93517
recessed canopy
for power cable,
white



● 93242
angle connector
90°, conductive,
black



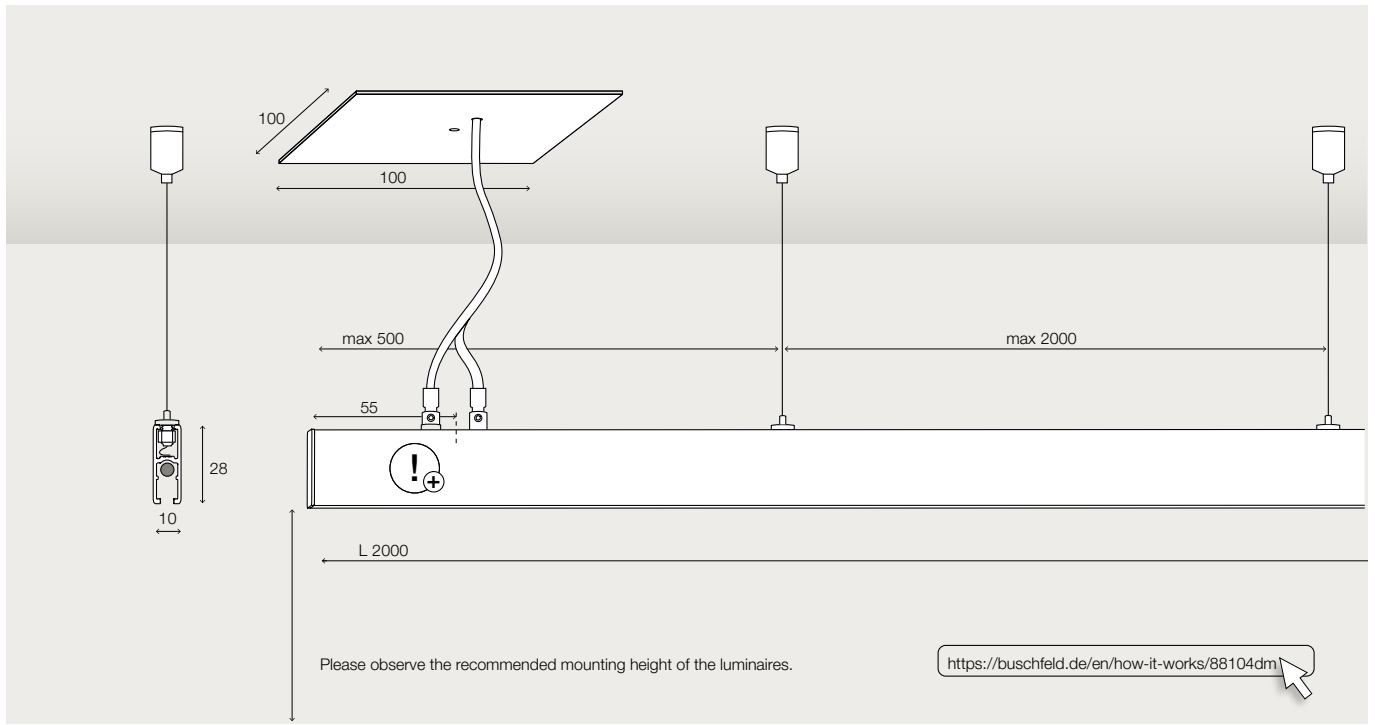
● 93017
power feed for
power rods, top
centre, black



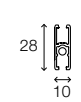
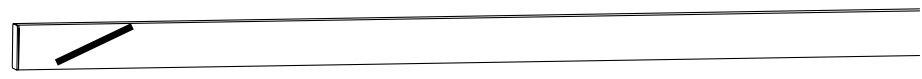
● 48-93046
pendant track
with power feed
for cable, black

The pendant track system Pend48 is suspended on thin steel cables, making the stretches of track look as though they are floating in space. Given the distance between the track and the ceiling, indirect lighting can be applied alongside spotlights.

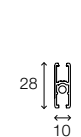
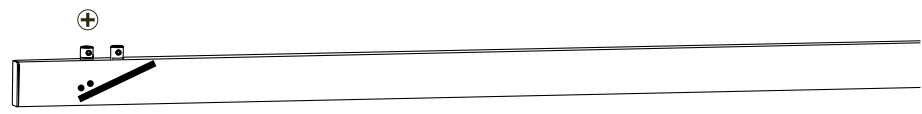
<https://buschfeld.de/en/how-it-works/88104>



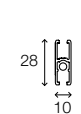

Pendant track with power feed for cable

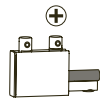
	article no.	€ Euro		article no.	€ Euro
<p>L=2000 can be shortened 48 V DC, 12.5 A</p> <p>! Mounting kit to be selected and ordered separately.</p>	48-93002	184,00	<p>L=3000</p> <p>Professional Product: please note additional handling and shipping costs.</p>	48-930023	367,00
	48-93032			48-930323	
	48-93042			48-930423	
	48-93082	226,00		48-930823	410,00

	article no.	€ Euro		article no.	€ Euro
<p>L=2000, left or right, can be shortened, screw contact for power cable incl. 2 end caps, 48 V DC, 12.5 A</p> <p>! Cable and mounting kit to be selected and ordered separately.</p>	48-93006	243,00	<p>L=3000</p> <p>Professional Product: please note additional handling and shipping costs.</p>	48-930063	427,00
	48-93036			48-930363	
	48-93046			48-930463	
	48-93086	284,00		48-930863	470,00

	article no.	€ Euro		article no.	€ Euro
<p>L=2000, left or right, can be shortened, screw contact for power cable max. 2.5 mm² ! incl. 2 end caps, 48 V DC, 12.5 A</p> <p>! Cable and mounting kit to be selected and ordered separately.</p>	48-93003	243,00	<p>L=3000</p> <p>Professional Product: please note additional handling and shipping costs.</p>	48-930033	427,00
	48-93039			48-930393	
	48-93043			48-930433	
	48-93083	284,00		48-930833	470,00

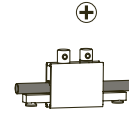


power feed for power cable, top right or left

article no.	€ Euro
93614	126,00
93612	
93613	

L=35
screw contact for power cable
incl. 2 end caps,
48 V DC, 12.5 A

! Cable to be selected and ordered separately.

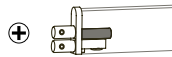


power feed for power cable, top centre

article no.	€ Euro
93619	134,00
93616	
93617	

L=35
screw contact for power cable
incl. 2 end caps,
48 V DC, 12.5 A

! Cable to be selected and ordered separately.



power feed for power cable, on axis left or right

article no.	€ Euro
91104	104,00
91105	
91125	
91129	

L=18
screw contact for power cable
incl. end cap,
48 V DC, 12.5 A

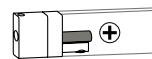
! Cable to be selected and ordered separately.



LV stranded cable

article no.	€ Euro
90525	15,00
90520	17,00
90500	18,00

silver transparent
incl. 4 cable end sleeves
2x2,5 mm², running metre
2x4 mm², running metre
2x6 mm², running metre

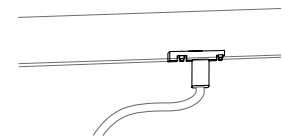


power feed for fabric cable, on axis left or right

article no.	€ Euro
91137	104,00
91138	
91139	
91140	

L=31 mm, screw contact, fabric cables
with outside diameter of max. 7.0 mm,
incl. end cap, 48 V DC, 12.5 A

! Fabric cable to be selected and ordered separately. Please note a possible power limitation for the supply cable.



adapter power feed, positioned as required, for fabric cable

article no.	€ Euro
91131	104,00
91133	
91135	
91141	

adapter power feed, hide, incl. 1 end cap,
fits into the inner conductor side of the
track, for fabric cable with an outer diam-
eter max. 7.0 mm, 48 V DC, 12.5 A

! Fabric cable to be selected and ordered separately. Please note a possible power limitation for the supply cable.



fabric cable

running meter, round flexible cable, double
insulated, covered by cotton, outside
diameter 6,2 mm, cable cross-section 2 x
0.75 mm²

article no.	€ Euro
90551-RC35	7,50
90551-RC01	
90551-RC04	
90551-RC43*	

! power max. 200 W for max. cable
length of L < 5000 mm
Selection of www.creative-cables.com

*The fabric cable colour - RC43 is our
choice to match the bronze track colour.

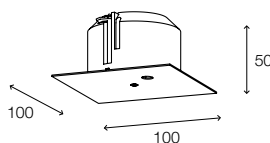


cable suspension

article no.	€ Euro
93604	55,00

without power feed
L=1500
can be positioned as required

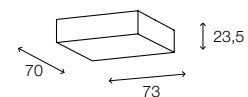
<https://www.buschfeld.de/en/cable-suspension/93604>



recessed canopy for power feed by cable

article no.	€ Euro
93510	59,00
93517	
93518	

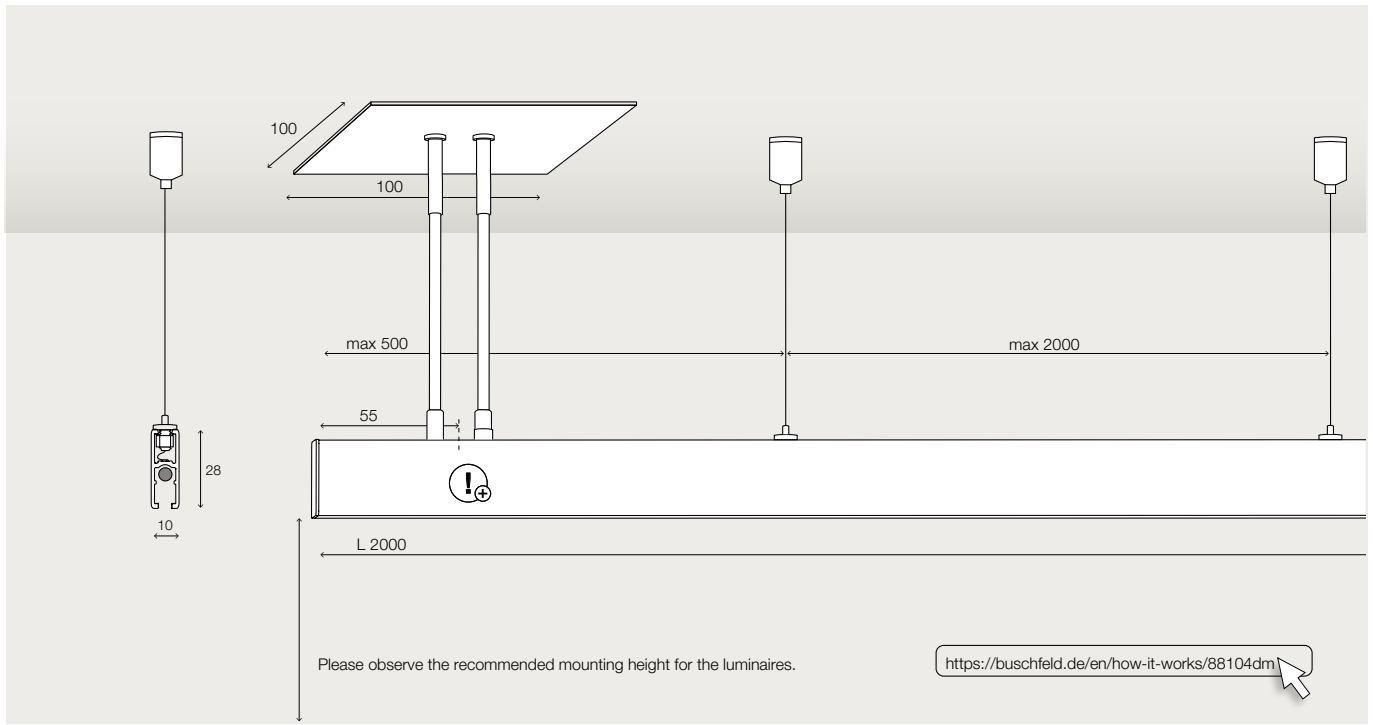
for LV cable connection or
HV mains connection,
cover plate 100x100
depth 50
diameter 74



surface-mounted canopy for power feed by cable

article no.	€ Euro
93500	59,00
93537	
93538	

for LV cable connection or
HV mains connection,
70x73x23,5



Pendant track with power feed for power feed rods

pendant track

L=2000, can be shortened without cable suspension
48 V DC, 12.5 A

! Mounting kit to be selected and ordered separately.

article no.	€ Euro
48-93002	184,00
48-93032	
48-93042	
48-93082	226,00

L=3000

Professional Product: please note additional handling and shipping costs.

article no.	€ Euro
48-930023	367,00
48-930323	
48-930423	
48-930823	410,00

pendant track with power feeds for power feed rods

L=2000, left or right, can be shortened, plug contact for power feed rods, incl. 2 end caps, 48 V DC, 12.5 A

! Power feed rods and mounting kit to be selected and ordered separately.

article no.	€ Euro
48-93004	243,00
48-93034	
48-93044	
48-93084	284,00

L=3000

Professional Product: please note additional handling and shipping costs.

article no.	€ Euro
48-930043	427,00
48-930343	
48-930443	
48-930843	470,00

power feed for power feed rods, top left or right

L=35, plug contact for power feed rod, incl. 2 end caps, 48 V DC, 12.5 A

! Power feed rods to be selected and ordered separately.

article no.	€ Euro
93014	126,00
93012	
93013	

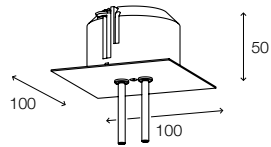
power feed for power feed rods, top centre

L=35, plug contact for power feed rod, incl. 2 end caps, 48 V DC, 12.5 A

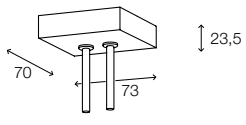
! Power feed rods to be selected and ordered separately.

article no.	€ Euro
93019	134,00
93016	
93017	


<p>power feed rod</p> <p>L=2000, can be cut into sections</p> <p>L=1000, can be cut into sections</p>		<p>article no.</p> <p>€ Euro</p> <p>93566 52,00</p> <p>93567 27,00</p>		<p>spacer</p> <p>for power feed rods longer than 1 m</p>	<p>article no.</p> <p>€ Euro</p> <p>93062 51,00</p>
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<p>recessed canopy for power feed rods</p> <p>for LV with plug-in coupling for power feed rods, cover plate 100 x 100 depth 50 diameter 74</p>	<p>article no.</p> <p>€ Euro</p> <p>● 93525 100,00</p> <p>○ 93535</p> <p>● 93545</p>
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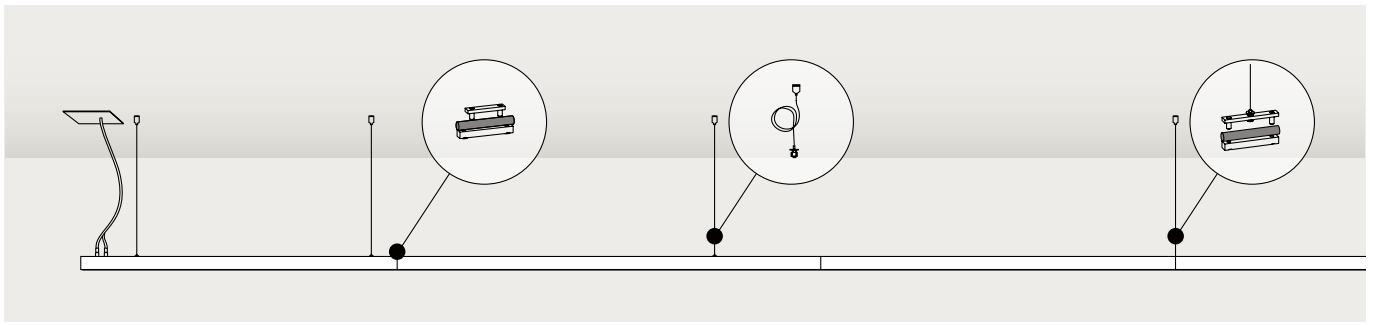


<p>surface-mounted canopy for power feed rods</p> <p>for LV with plug-in coupling for power feed rods, 70 x 73 x 23,5</p>	<p>article no.</p> <p>€ Euro</p> <p>● 93524 100,00</p> <p>○ 93534</p> <p>● 93544</p>
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





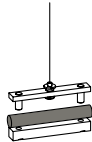

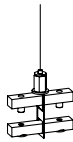

<p>cable suspension</p> <p>without power feed</p> <p>L=1500</p> <p>can be positioned as required</p>	<p>article no.</p> <p>€ Euro</p> <p>93604 55,00</p>
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<https://www.buschfeld.de/en/cable-suspension/93604>





Connectors

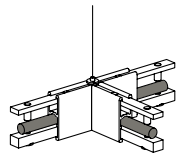
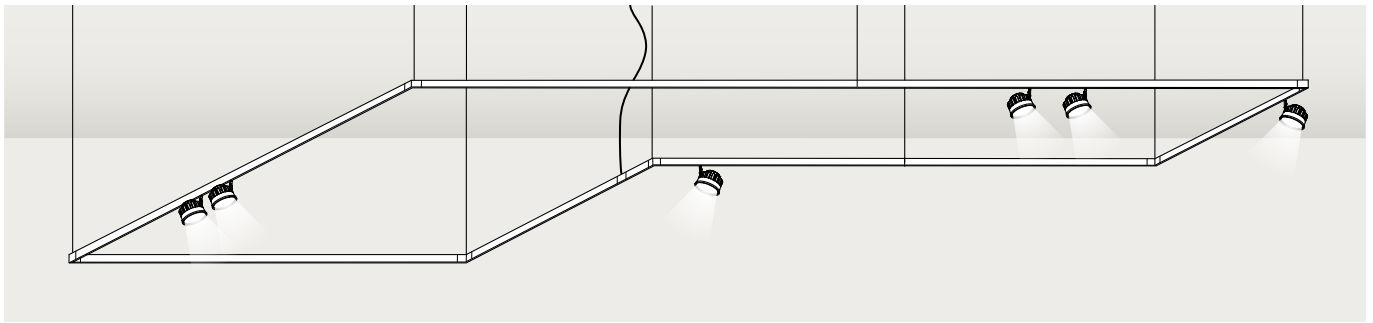
			
linear connector, conductive	linear connector, insulated	linear connector, conductive	linear connector, insulated
L=0 without cable suspension	L=0 without cable suspension	L=0 without cable suspension	L=0 without cable suspension
article no. 93103	€ Euro 52,00	article no. 93102	€ Euro 52,00

			
linear connector, conductive	linear connector, insulated	linear connector, conductive	linear connector, insulated
L=0 with cable suspension (L=1500)	L=0 with cable suspension (L=1500)	L=0 with cable suspension (L=1500)	L=0 with cable suspension (L=1500)
article no. 93109	€ Euro 86,00	article no. 93112	€ Euro 86,00

			
angle connector 90°, conductive	angle connector 90°, insulated	angle connector 90°, conductive	angle connector 90°, insulated
L=35 with cable suspension (L=1500)	L=35 with cable suspension (L=1500)	L=35 with cable suspension (L=1500)	L=35 with cable suspension (L=1500)
● 93202 ○ 93232 ● 93242	article no. 93202 € Euro 114,00	● 93205 ○ 93235 ● 93245	article no. 93205 € Euro 114,00

			
joint connector 80°-280°, conductive	joint connector 80°-280°, insulated	arch connector S-shape pend48 / ceiling48	
L=0 with cable suspension (L=1500)	L=0 with cable suspension (L=1500)	L=370, H=157 for horizontal-vertical height adjustment in the arch	
article no. 93206	€ Euro 125,00	● 95802 ○ 95802 ● 95842	article no. 95802 € Euro 294,00

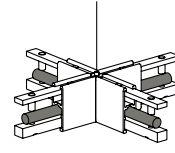
Design: Hans Buschfield





**cross connector,
3-way conductive**

L=60
with cable suspension (L=1500)
Other versions available on request!

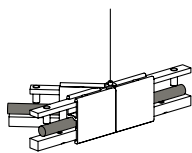
article no.	€ Euro
● 93302	152,00
○ 93332	
● 93342	



**T-connector,
4-way conductive**

L=60
with cable suspension (L=1500)
Other versions available on request!

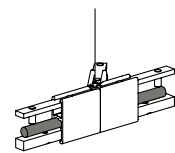
article no.	€ Euro
● 93402	195,00
○ 93432	
● 93442	



**T-connector 45° left,
3-way conductive**

L=60
with cable suspension (L=1500)
Other versions available on request!

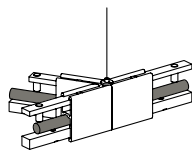
article no.	€ Euro
● 93902	152,00
○ 93932	
● 93942	



**T-connector 45° right,
3-way conductive**

L=60
with cable suspension (L=1500)
Other versions available on request!

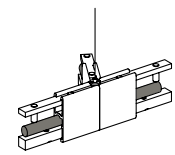
article no.	€ Euro
● 93903	152,00
○ 93933	
● 93943	



**T-connector 60° left,
3-way conductive**

L=60
with cable suspension (L=1500)
Other versions available on request!

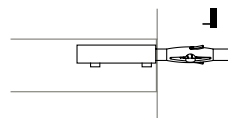
article no.	€ Euro
● 93904	152,00
○ 93934	
● 93944	



**T-connector 60° right,
3-way conductive**

L=60
with cable suspension (L=1500)
Other versions available on request!

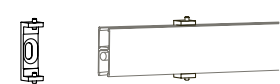
article no.	€ Euro
● 93905	152,00
○ 93935	
● 93945	



wall or ceiling fastener

L=0

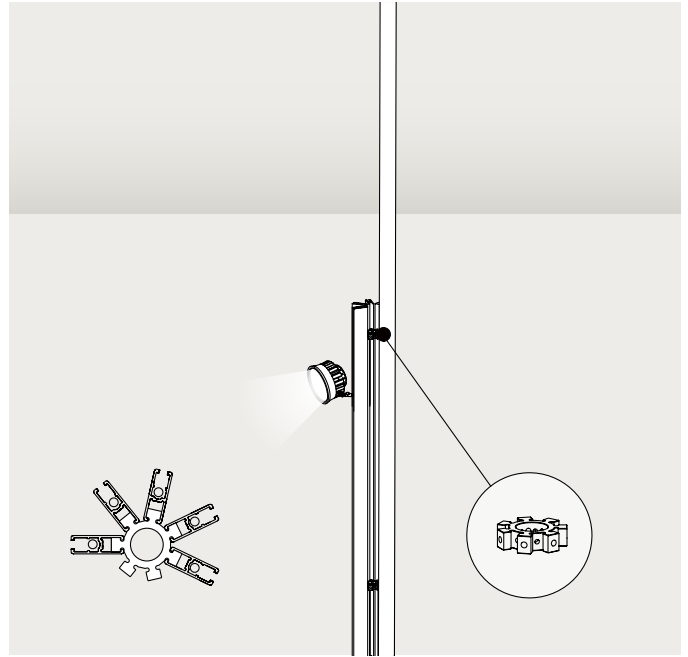
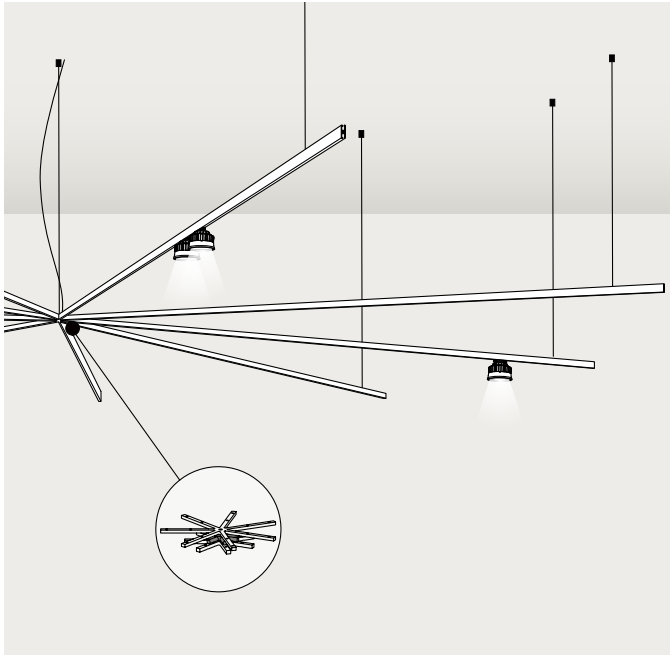
article no.	€ Euro
93505	45,00



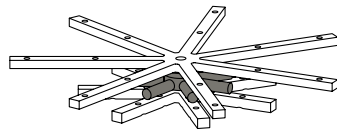
flat clip

for mounting Pend track flat on walls or ceilings. The track can be installed vertically or horizontally. available in packs of 3

article no.	€ Euro
● 91959 a	66,00
○ 91959 w	
● 91959 b	



Connectors



star-shaped connectors horizontal, conductive

Star-shaped connectors are available with 5-12 beams. The track is inserted directly onto the connector, leading to a central point. The sections of track (the beams) are electrically interconnected.

We are glad to help you achieve your design ideas.

rays	article no.	€ Euro
5	93805	236,00
6	93806	266,00
7	93807	295,00
8	93808	323,00
9	93809	353,00
10	93810	381,00
11	93811	409,00
12	93812	438,00

<https://buschfeld.de/en/how-it-works/88111>



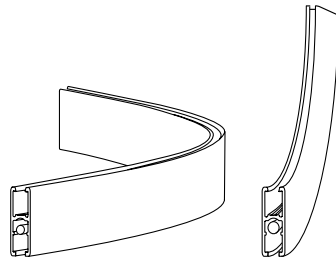
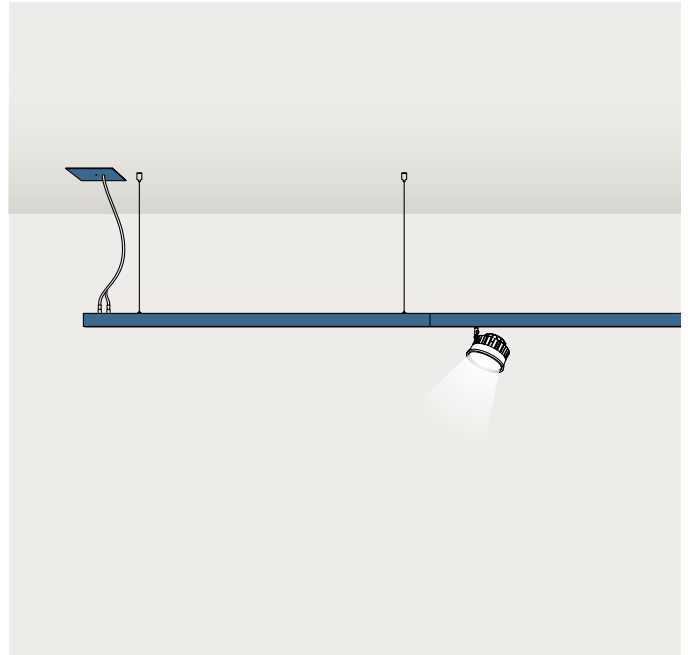
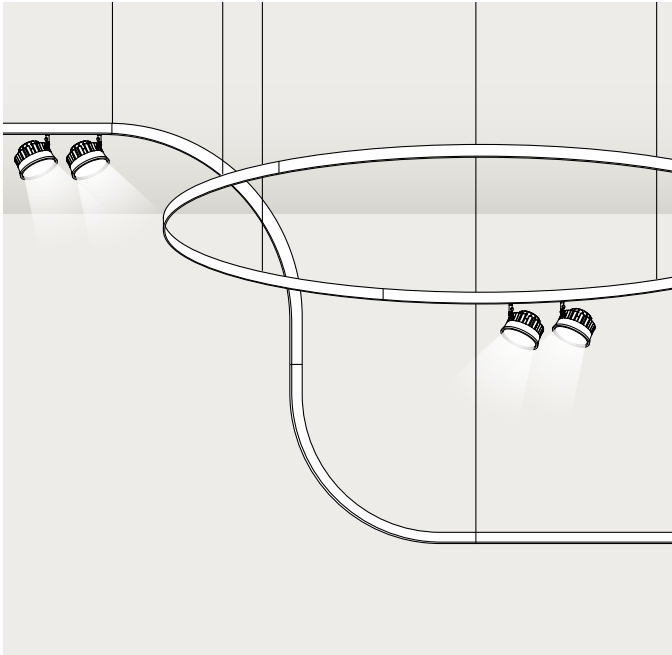
star-shaped connectors vertical, non-conductive

Available with 5-12 beams. The track is inserted directly onto the connector, running parallel. The connection is purely mechanical. Power feeds are applied as required. Please inquire separately.

rays	article no.	€ Euro
5	95705	109,00
6	95706	109,00
7	95707	109,00
8	95708	109,00
9	95709	109,00
10	95710	109,00
11	95711	109,00
12	95712	109,00

<https://buschfeld.de/en/how-it-works/88112>





**custom-made:
radius**

Curved sections of track, flat or upright (min. diameter of 1000 mm), are also available.

Please send us an e-mail with the data applicable for your planned track layout to info@buschfeld.de
Further information on page 125.

<https://buschfeld.de/en/how-it-works/88114>



**custom-made:
colour**

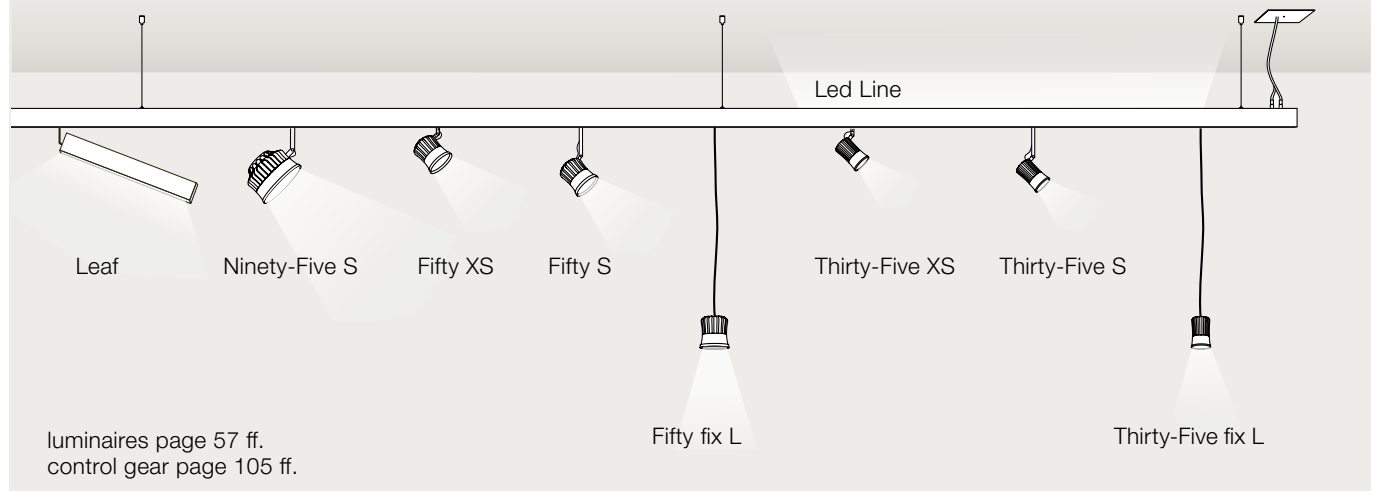
All track and shades can be custom made in the colour (RAL or NCS-compliant) of your choice.

Please send us an e-mail with information with the layout of the track, the number of luminaires, choice of colour(s) to: info@buschfeld.de
Further information on page 126.

<https://buschfeld.de/en/how-it-works/88107>



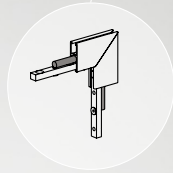
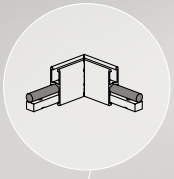
Luminaires for pend48



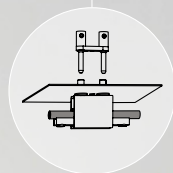
luminaires page 57 ff.
control gear page 105 ff.

● 48-93042
ceiling track,
black

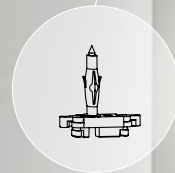
● 95242
angle connector 90°
conductive, black



● 95642
angle connector 90°,
on the inside,
horizontal - vertical,
conductive, black



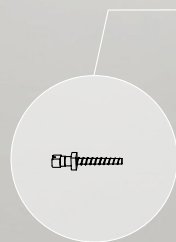
● 95017
power feed central,
top centre, black,
cover plate, black



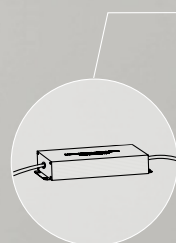
● 91953 b
mounting kit standard,
6 mm, black

Sense System ceiling48 ceiling track

● 91959 b
flat clip, black



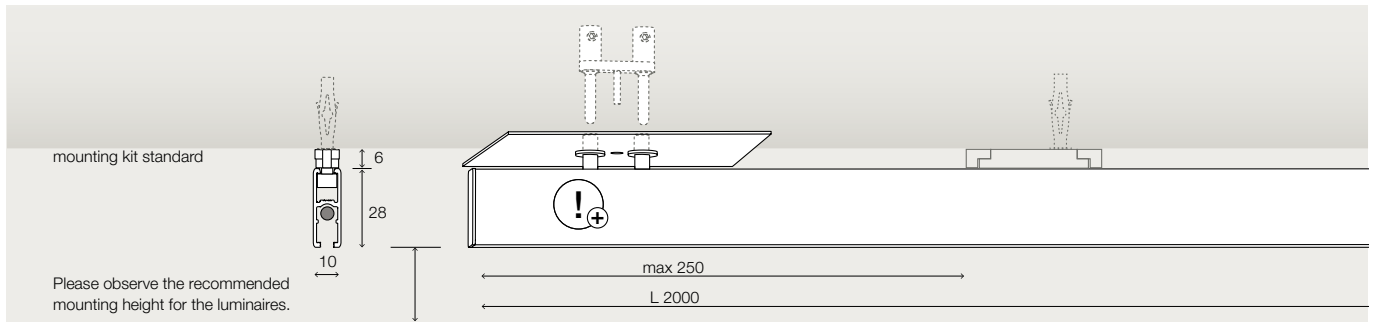
● 91954 b
mounting kit mini,
2 mm, black



48-90143
control gear, MW 150|48 V,
concealed mounting

The ceiling tracks Ceiling48 can be installed either on ceilings or on walls. Select from three alternatives to assemble them. Ceiling48 is as interesting for a permanent lighting solution as it is for a temporary installation.

<https://buschfeld.de/en/how-it-works/88105>



Ceiling track, power feeds and accessories

<https://buschfeld.de/en/how-it-works/88105dm>

ceiling track

L=2000
can be shortened
48 V DC, 12.5 A

! Mounting kit to be selected and ordered separately.

article no.	€ Euro
48-93002	184,00
48-93032	
48-93042	
48-93082	226,00

L=3000

Professional Product: please note additional handling and shipping costs.

article no.	€ Euro
48-930023	367,00
48-930323	
48-930423	
48-930823	410,00

ceiling track with power feed, left or right

L=2000, can be shortened, with power feed, right or left, cover plate 100x100, incl. plug and 2 end caps, 48 V DC, 12.5 A

! Cable and mounting kit to be selected and ordered separately.

article no.	€ Euro
48-95004	282,00
48-95034	
48-95044	
48-95084	323,00

L=3000

Professional Product: please note additional handling and shipping costs.

article no.	€ Euro
48-950043	465,00
48-950343	
48-950443	
48-950843	508,00

ceiling track with recessed power feed

L=2000, left or right, can be shortened, screw contact for power cable max. 2.5 mm² incl. 2 end caps, 48 V DC, 12.5 A

! Cable and mounting kit to be selected and ordered separately.

article no.	€ Euro
48-93003	243,00
48-93039	
48-93043	
48-93083	284,00

L=3000

Professional Product: please note additional handling and shipping costs.

article no.	€ Euro
48-930033	427,00
48-930393	
48-930433	
48-930833	470,00

mounting kit standard

The track can be mounted vertically or horizontally.
H=6 mm, available in packs of 2

article no.	€ Euro
91953	30,00
91953 b	

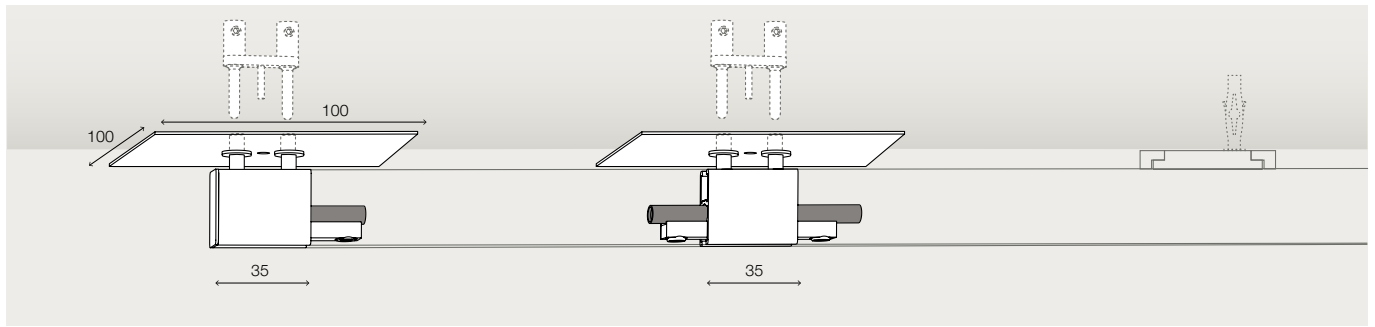
mounting kit mini

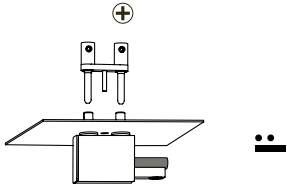
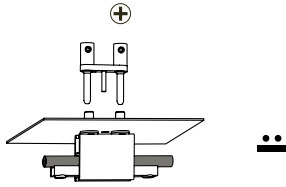
The track can be mounted vertically or horizontally.
H=2 mm, available in packs of 2

article no.	€ Euro
91954	39,00
91954 b	

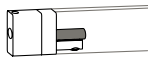
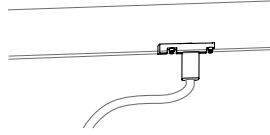
<https://www.buschfeld.de/en/mounting-kit-standard/91953>

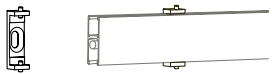

<https://www.buschfeld.de/en/mounting-kit-mini/91954>



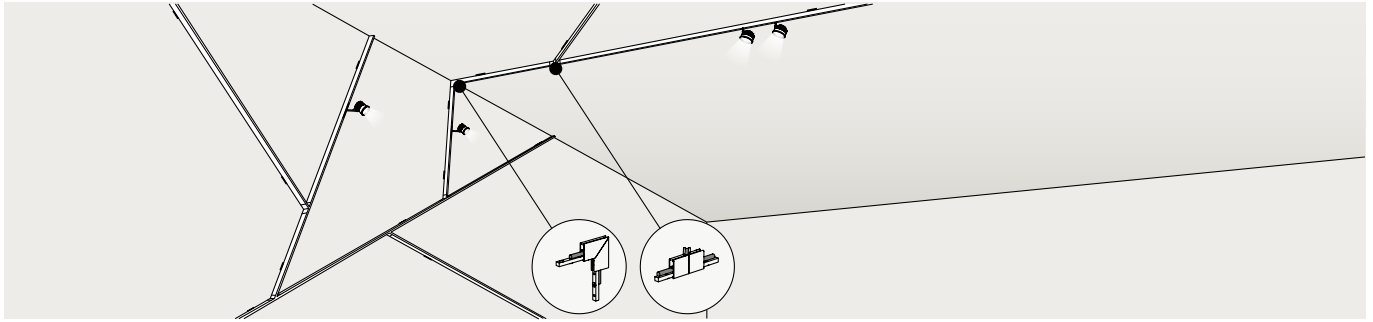
 <p>power feed at end, top left or right</p> <p>L=35 with cover plate 100x100, incl. plug and 2 end caps, 48 V DC, 12.5 A</p> <p>❗ Cable to be selected and ordered separately.</p>	<p>article no.</p> <p>● 95014</p> <p>○ 95012</p> <p>● 95013</p>	<p>€ Euro</p> <p>166,00</p>	 <p>power feed central, top centre</p> <p>L=35 with cover plate 100x100, incl. plug and 2 end caps, 48 V DC, 12.5 A</p> <p>❗ Cable to be selected and ordered separately.</p>	<p>article no.</p> <p>● 95019</p> <p>○ 95016</p> <p>● 95017</p>	<p>€ Euro</p> <p>172,00</p>
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 <p>power feed for power cable, on axis left or right</p> <p>L=18, screw contact for power cable incl. end cap, 48 V DC, 12.5 A</p> <p>❗ Cable to be selected and ordered separately.</p>	<p>article no.</p> <p>● 91104</p> <p>○ 91105</p> <p>● 91125</p> <p>● 91129</p>	<p>€ Euro</p> <p>104,00</p>	 <p>LV stranded cable</p> <p>silver transparent incl. 4 cable end sleeves</p> <p>2x2,5 mm², running metre</p> <p>2x4 mm², running metre</p> <p>2x6 mm², running metre</p>	<p>article no.</p> <p>90525</p> <p>90520</p> <p>90500</p>	<p>€ Euro</p> <p>15,00</p> <p>17,00</p> <p>18,00</p>
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




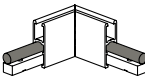

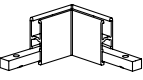

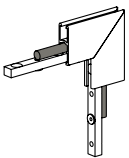

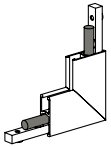

 <p>power feed for fabric cable, on axis left or right</p> <p>L=31 mm, screw contact, fabric cables with outside diameter of max. 7.0 mm, incl. end cap, 48 V DC, 12.5 A</p> <p>❗ Fabric cable to be selected and ordered separately. Please note a possible power limitation for the supply cable.</p>	<p>article no.</p> <p>● 91137</p> <p>○ 91138</p> <p>● 91139</p> <p>● 91140</p>	<p>€ Euro</p> <p>104,00</p>	 <p>adapter power feed , positioned as required, for fabric cable</p> <p>adapter power feed, hide, incl. 1 end cap, fits into the inner conductor side of the track, for fabric cable with an outer diameter max. 7.0 mm, 48 V DC, 12.5 A</p> <p>❗ Fabric cable to be selected and ordered separately. Please note a possible power limitation for the supply cable.</p>	<p>article no.</p> <p>● 91131</p> <p>○ 91133</p> <p>● 91135</p> <p>● 91141</p>	<p>€ Euro</p> <p>104,00</p>
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 <p>flat clip</p> <p>For mounting track flat on the wall / ceiling. The track can be mounted vertically or horizontally. Available in packs of 3</p>	<p>article no.</p> <p>● 91959 a</p> <p>○ 91959 w</p> <p>● 91959 b</p>	<p>€ Euro</p> <p>66,00</p>	 <p>fabric cable</p> <p>running meter, round flexible cable, double insulated, covered by cotton, outside diameter 6,2 mm, cable cross-section 2 x 0.75 mm²</p> <p>❗ power max. 200 W for max. cable length of L < 5000 mm Selection of www.creative-cables.com</p> <p>*The fabric cable colour - RC43 is our choice to match the bronze track colour.</p>	<p>article no.</p> <p>● 90551-RC35</p> <p>○ 90551-RC01</p> <p>● 90551-RC04</p> <p>● 90551-RC43*</p>	<p>€ Euro</p> <p>7,50</p>
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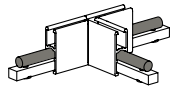
<https://buschfeld.de/en/products/sense-system/48-91959>



Connectors

			
linear connector, conductive	linear connector, insulated		
L=0	L=1		
article no.	€ Euro	article no.	€ Euro
91302	50,00	● 91304 ○ 91305 ● 91307	7,00
			
joint connector 80-280°, horizontal-horizontal	joint connector 70-290°, horizontal-slanting		
L=0 mitre cut required on site	L=0 mitre cut required on site e.g. in stairwells		
conductive	conductive		
article no.	€ Euro	article no.	€ Euro
91502	93,00	91504	93,00
			
angle connector 90°, conductive	angle connector 90°, insulated		
L=35	L=35		
article no.	€ Euro	article no.	€ Euro
● 95202 ○ 95232 ● 95242	77,00	● 95205 ○ 95235 ● 95245	77,00
			
angle connector 90°, on the inside, horizontal-vertical, conductive	angle connector 90°, on the outside, horizontal-vertical, conductive		
L=50, inner conductor on the inside solid component (no mitre cut required)	L=50, inner conductor on the outside solid component (no mitre cut required)		
article no.	€ Euro	article no.	€ Euro
● 95602 ○ 95632 ● 95642	77,00	● 95702 ○ 95732 ● 95742	77,00

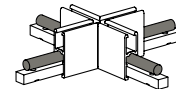
Design: Hans Buschfield





**T-connector,
3-way conductive**

L=60
Other versions available on request!

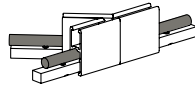
article no.	€ Euro
95302	116,00
95332	
95342	



**cross connector,
4-way conductive**

L=60
Other versions available on request!

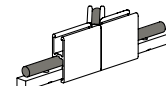
article no.	€ Euro
95402	153,00
95432	
95442	



**T-connector 45° left
3-way conductive**

L=60
Other versions available on request!

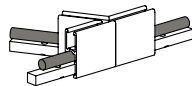
article no.	€ Euro
95902	116,00
95932	
95942	



**T-connector 45° right
3-way conductive**

L=60
Other versions available on request!

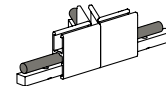
article no.	€ Euro
95903	116,00
95933	
95943	



**T-connector 60° left
3-way conductive**

L=60
Other versions available on request!

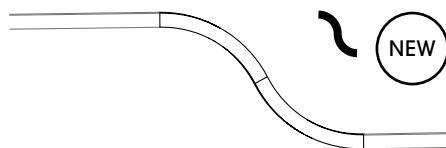
article no.	€ Euro
95904	116,00
95934	
95944	



**T-connector 60° right
3-way conductive**

L=60
Other versions available on request!

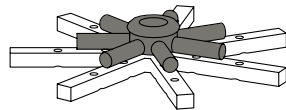
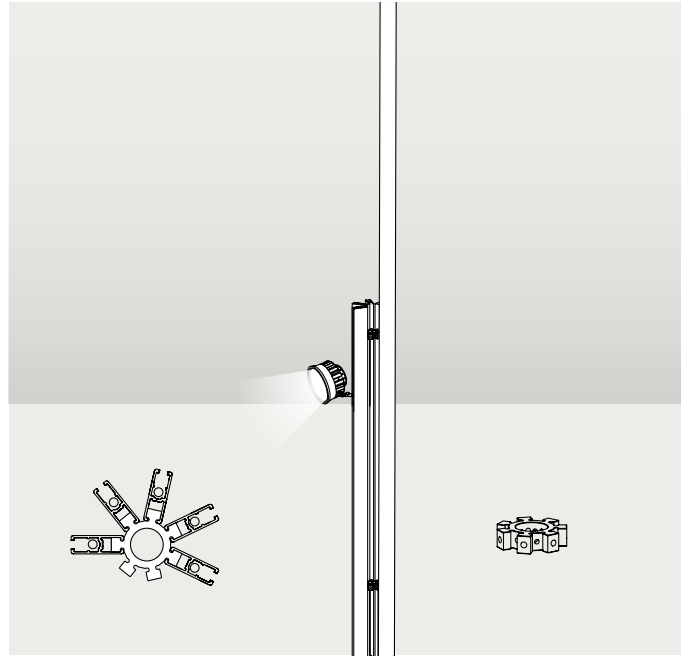
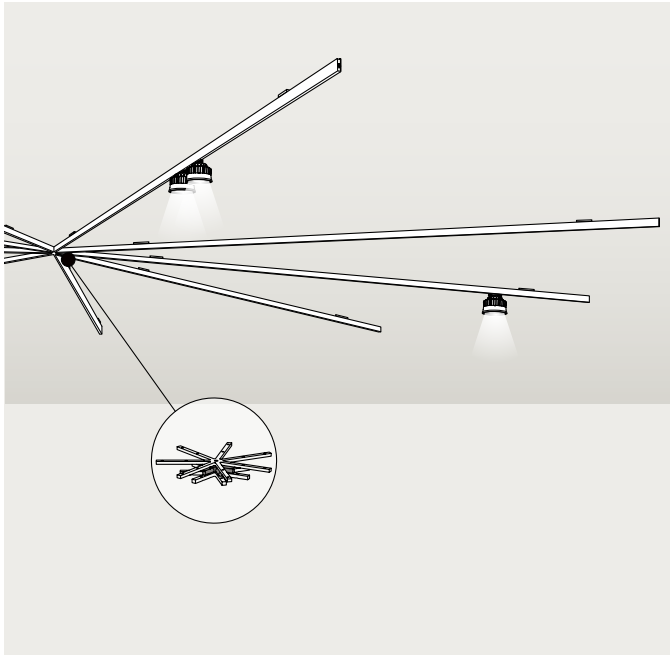
article no.	€ Euro
95905	116,00
95935	
95945	



**arch connector
S-shape pend48 / ceiling48**

L=370, H=157
for horizontal - vertical height
adjustment in the arch

article no.	€ Euro
95802	294,00
95802	
95842	



star-shaped connectors horizontal, conductive

Star-shaped connectors horizontal, conductive Available with 5-12 beams. The track is inserted directly onto the connector, leading to a central point. The sections of track (the beams) are electrically interconnected.

rays	article no.	€ Euro
5	95805	150,00
6	95806	173,00
7	95807	195,00
8	95808	217,00
9	95809	241,00
10	95810	261,00
11	95811	284,00
12	95812	306,00

We are glad to help you achieve your design ideas.

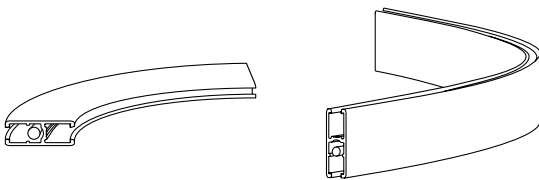
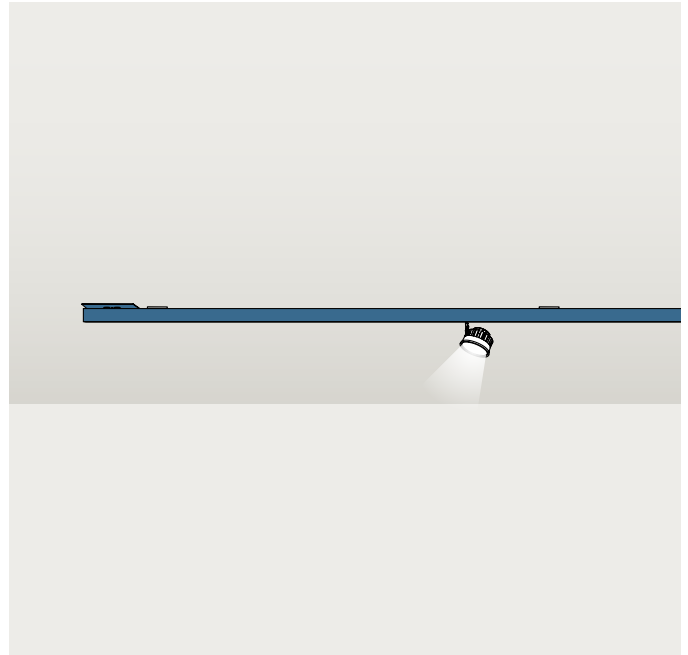
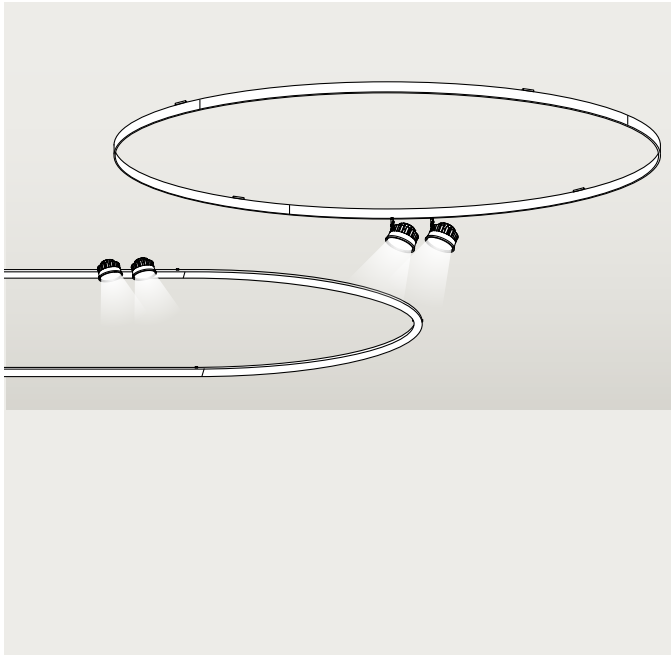
<https://buschfeld.de/en/how-it-works/88111>

star-shaped connectors vertical, non-conductive

Available with 5-12 beams. The track is inserted directly onto the connector, running parallel. The connection is purely mechanical. Power feeds are applied as required. Please inquire separately.

rays	article no.	€ Euro
5	95705	109,00
6	95706	109,00
7	95707	109,00
8	95708	109,00
9	95709	109,00
10	95710	109,00
11	95711	109,00
12	95712	109,00

<https://buschfeld.de/en/how-it-works/88112>



custom-made: radius

Curved sections of track, flat or upright (min. diameter of 1000 mm), are also available.

Please send us an e-mail with the data applicable for your planned track layout to info@buschfeld.de
Further information on page 125.

<https://buschfeld.de/en/how-it-works/88114>

custom-made: colour

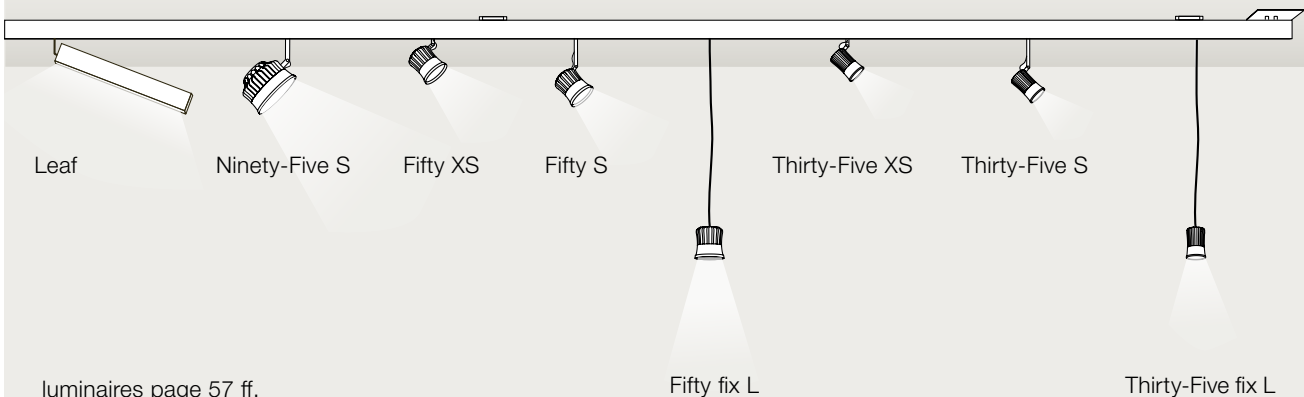


All track and shades can be custom made in the colour (RAL or NCS-compliant) of your choice.

Please send us an e-mail with information with the layout of the track, the number of luminaires, choice of colour(s) to: info@buschfeld.de
Further information on page 126.

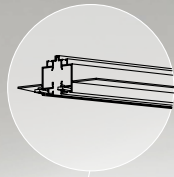
<https://buschfeld.de/en/how-it-works/88107>

Luminaires for ceiling48



luminaires page 57 ff.
control gear page 105 ff.

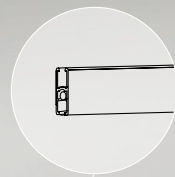
98200
drywall profile



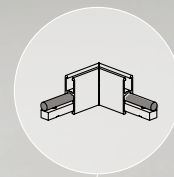
91955
mounting kit for
flush mounting



● 48-93042
recessed track,
black



● 95242
angle connector 90°,
conductive black



91957
fastening clip for semi-
recessed mounting

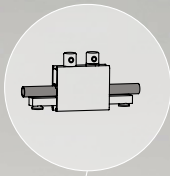


91955
mounting kit for
flush mounting

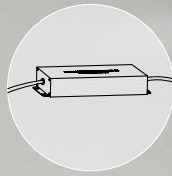


Sense System in48 recessed track

● 93617
power feed top centre,
black



48-90143
control gear MW 150 | 48 V,
concealed mounting

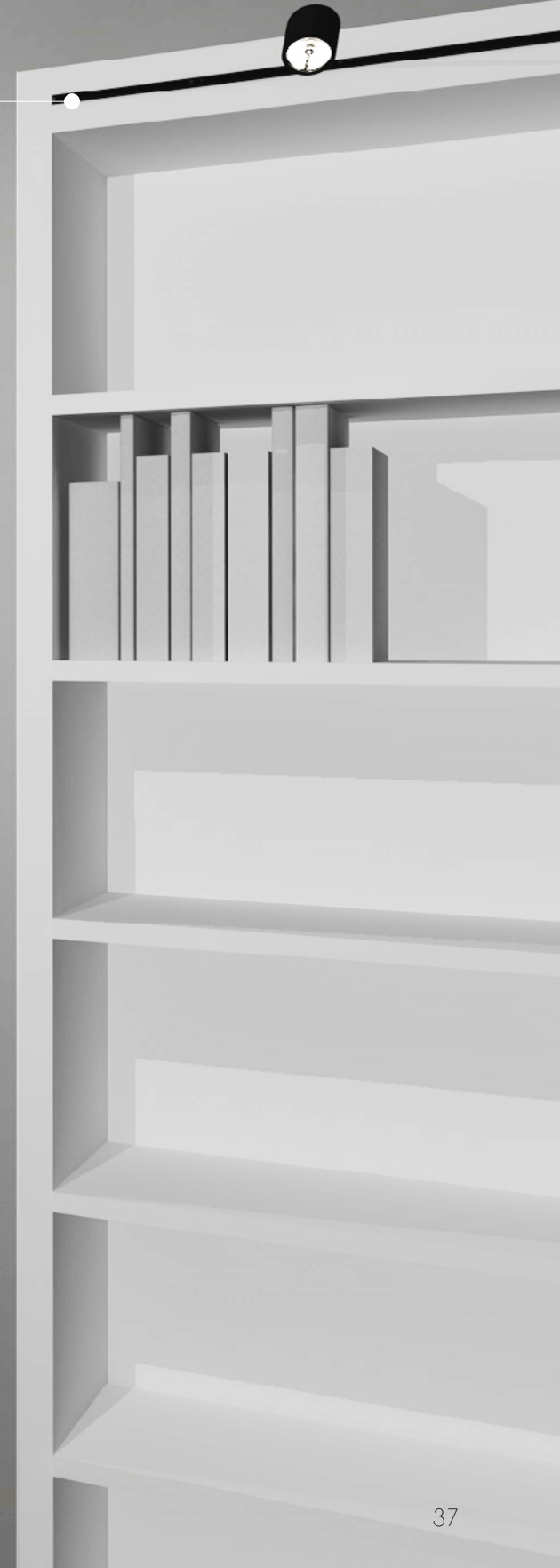


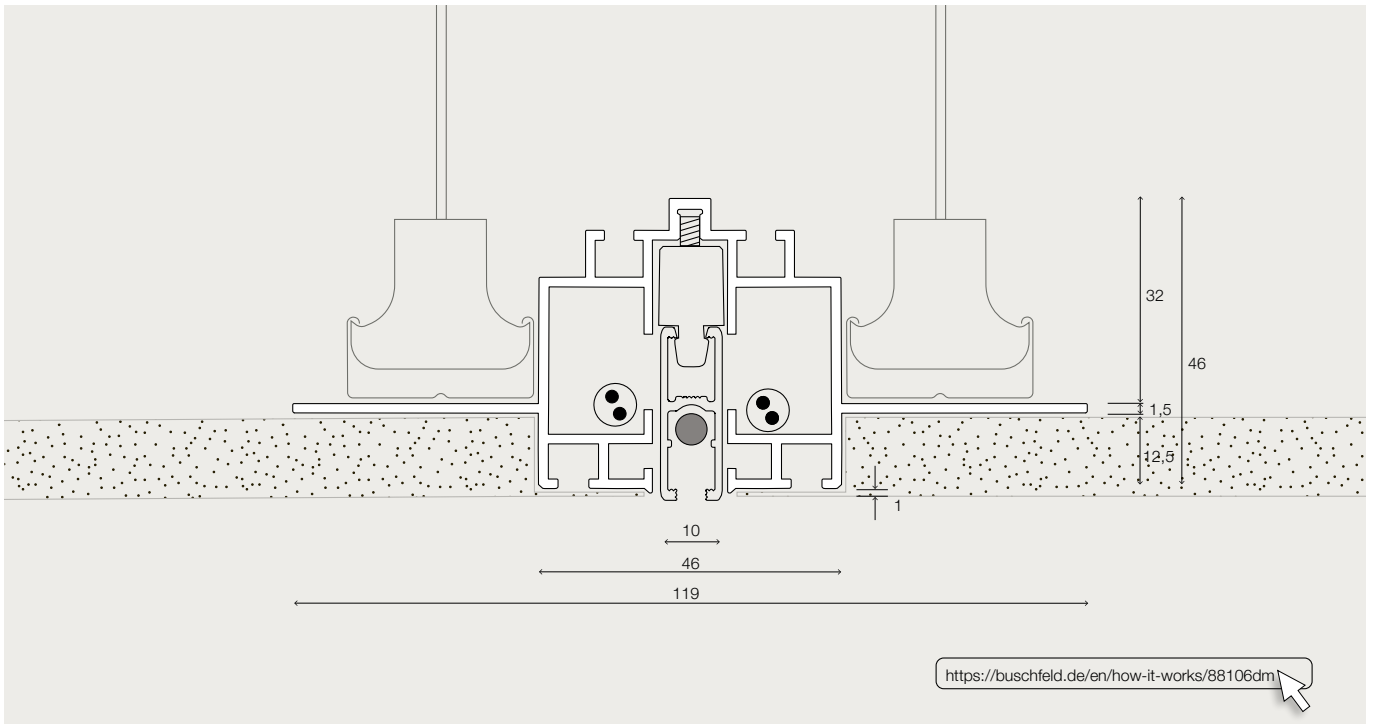
91956
fastening clip for mounting
in shelves and cupboards

The recessed track In48 comprises ultra-slimline track systems for recessed mounting on ceilings or walls. Recessed track applications need to be planned well in advance, given that the drywall profile needs to already have been installed in the drywall construction.

Once the surface has been plastered and painted, all that remains visible is a 10 mm wide line.

<https://buschfeld.de/en/how-it-works/88106>





Drywall profile and accessories

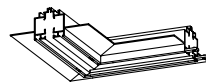


drywall profiles

L=2000, can be shortened
Aluminium profile for flush mounting on ceilings or walls, horizontal** and vertical

article no.	€ Euro
98200	146,00

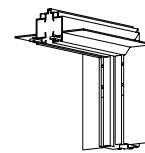
1 Mounting set for the recessed track must be selected and ordered separately.



corner element 90° horizontal-horizontal

Aluminium profile for flush mounting on ceilings or walls

article no.	€ Euro
98050	127,00



corner element 90°, horizontal-vertical

Aluminium profile for flush mounting on ceilings or walls, for horizontal and/or vertical mounting

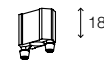
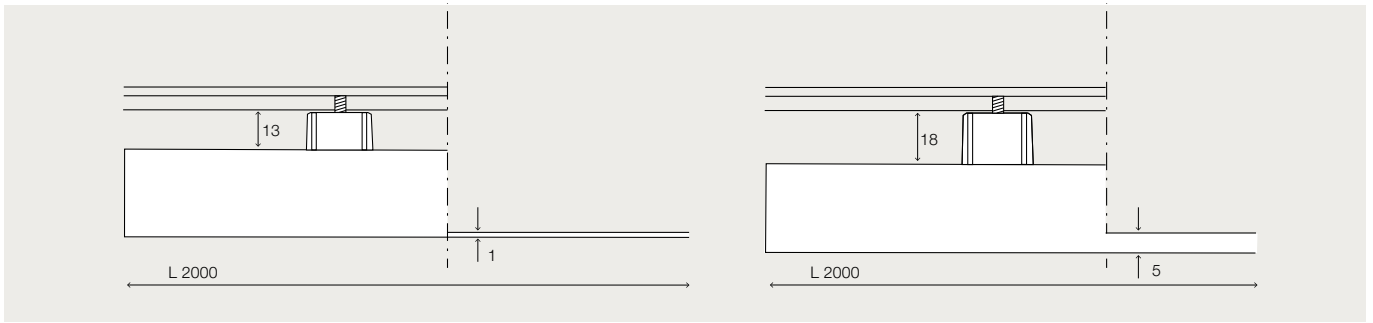
article no.	€ Euro
98055	127,00



LV stranded cable

silver transparent
incl. 4 cable end sleeves

article no.	€ Euro
2x2,5 mm ² , running metre	90525 15,00
2x4 mm ² , running metre	90520 17,00
2x6 mm ² , running metre	90500 18,00



**mounting kit in
for flush mounting**

see illustration above,
1 mm of the In48 track remains visible
supplied in packs of 5

article no.	€ Euro
91955	50,00

**mounting kit in
for semi-recessed
mounting**

see illustration above,
5 mm of the In48 track remain visible
supplied in packs of 5

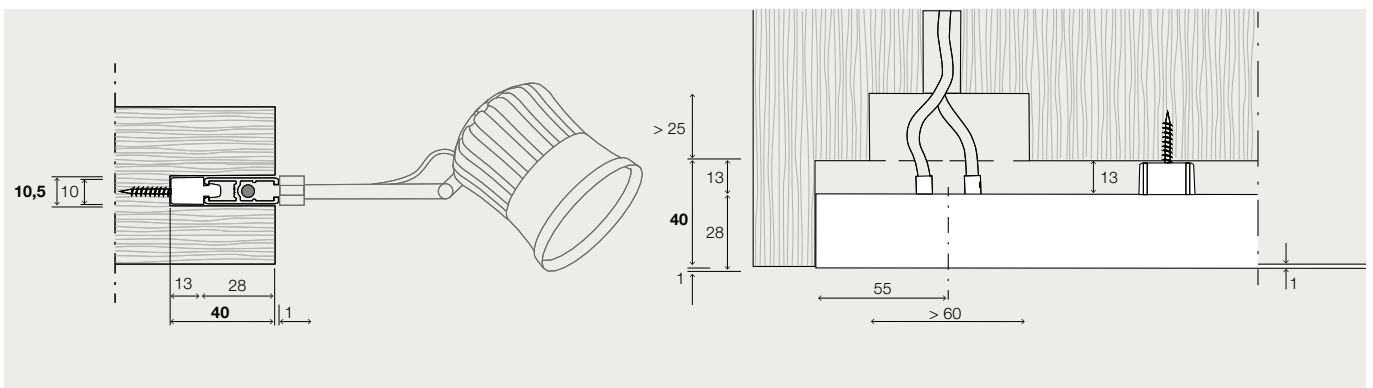
article no.	€ Euro
91957	50,00



distance tape

required for horizontal
mounting of in48 track
L=5000

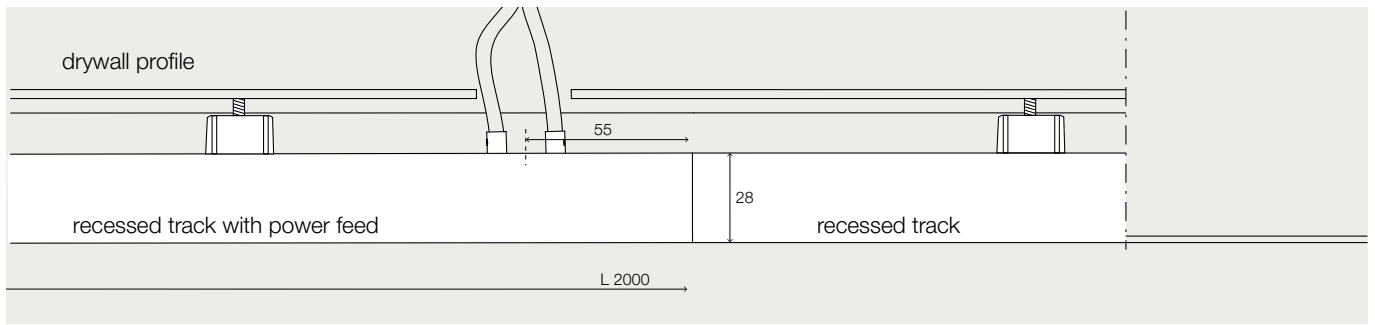
article no.	€ Euro
91958	26,00



**mounting kit in
for mounting in shelves**

in48 mounting kit for mounting in
shelves, 1 mm of the track remains
visible, supplied in packs of 2,
NB instructions re. milling!

article no.	€ Euro
91956	33,00



Recessed track with power feed



recessed track

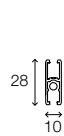
L=2000
can be shortened
48 V DC, 12.5 A

⚠ **Mounting kit to be selected and ordered separately.**

article no.	€ Euro
48-93002	184,00
48-93032	
48-93042	
48-93082	226,00

L=3000
Professional Product: please note additional handling and shipping costs.

article no.	€ Euro
48-930023	367,00
48-930323	
48-930423	
48-930823	410,00



recessed track with power feed

L=2000
left or right, can be shortened,
screw contact for power cable
incl. 2 end caps, 48 V DC, 12.5 A

⚠ **Cable and mounting kit to be selected and ordered separately.**

article no.	€ Euro
48-93006	243,00
48-93036	
48-93046	
48-93086	284,00

L=3000
Professional Product: please note additional handling and shipping costs.

article no.	€ Euro
48-930063	427,00
48-930363	
48-930463	
48-930863	470,00



recessed track with recessed power feed

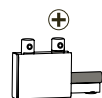
L=2000, left or right, can be shortened,
screw contact for power cable,
max. 2.5 mm² !
incl. 2 end caps, 48 V DC, 12.5 A

⚠ **Cable and mounting kit to be selected and ordered separately.**

article no.	€ Euro
48-93003	243,00
48-93039	
48-93043	
48-93083	284,00

L=3000
Professional Product: please note additional handling and shipping costs.

article no.	€ Euro
48-930033	427,00
48-930393	
48-930433	
48-930833	470,00

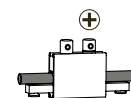


power feed, top left or right

L=35, screw contact for power cable,
incl. 2 end caps
48 V DC, 12.5 A

⚠ **Cable to be selected and ordered separately.**

article no.	€ Euro
93614	126,00
93612	
93613	

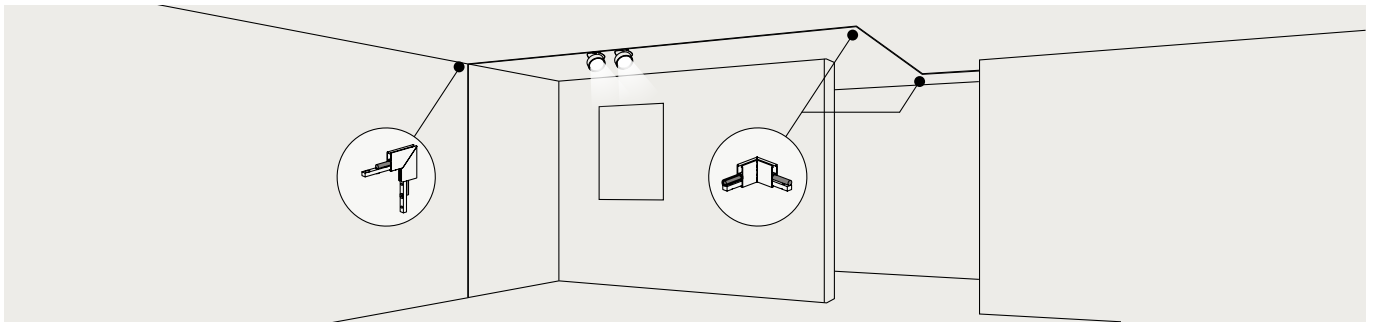


power feed, top centre

L=35, screw contact for power cable
incl. 2 end caps
48 V DC, 12.5 A



⚠ **Cable to be selected and ordered separately.**

article no.	€ Euro
93619	134,00
93616	
93617	



Connectors

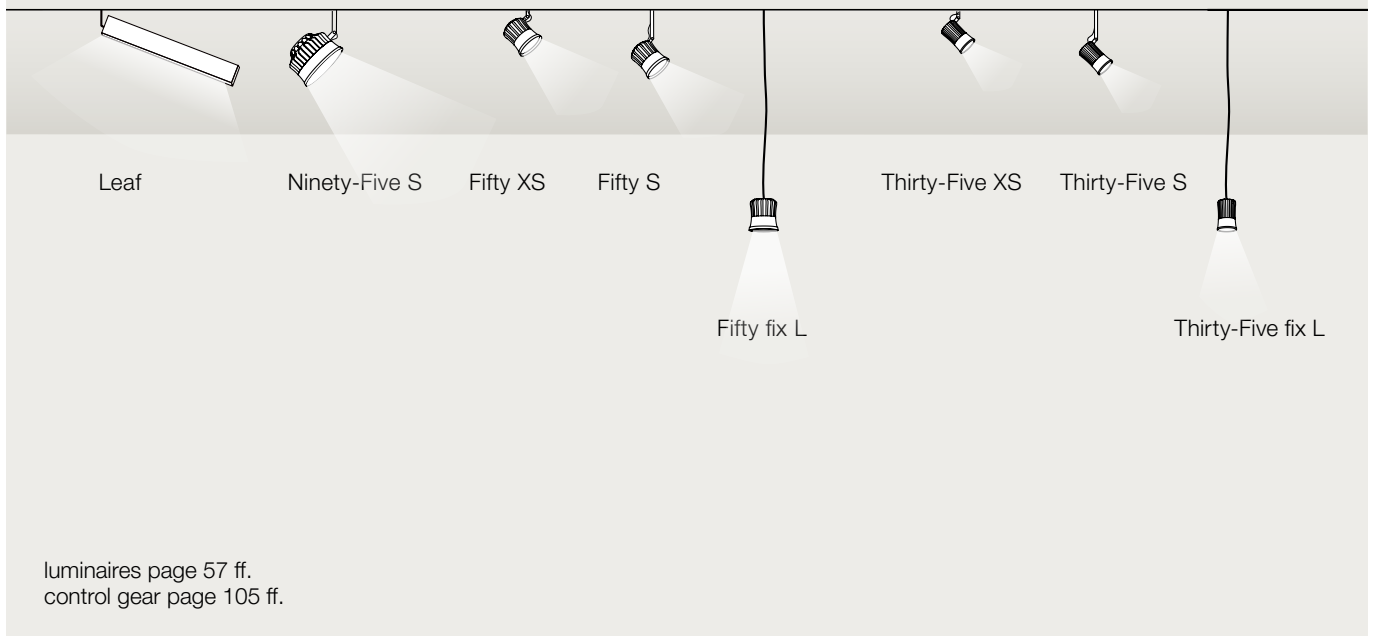
					
linear connector, conductive	article no.	€ Euro	linear connector, insulated	article no.	€ Euro
L=0	91302	50,00	L=1	 91304  91305  91307	7,00

		
joint connector 80-280°, horizontal-horizontal, conductive	article no.	€ Euro
L=0 mitre cut required on site	91502	93,00

					
angle connector 90°, horizontal-vertical, conductive	article no.	€ Euro	angle connector 90°, horizontal-vertical, insulated	article no.	€ Euro
L=35	 95202  95232  95242	77,00	L=35	 95205  95235  95245	77,00

					
angle connector 90°, on the inside, horizontal-vertical, conductive	article no.	€ Euro	angle connector 90°, on the outside, horizontal-vertical, non-conductive	article no.	€ Euro
L=50 horizontal-vertical inner conductor on the inside	 95602  95632  95642	77,00	L=50 horizontal-vertical inner conductor on the outside	 95702  95732  95742	77,00

Luminaires for in48



luminaires page 57 ff.
control gear page 105 ff.



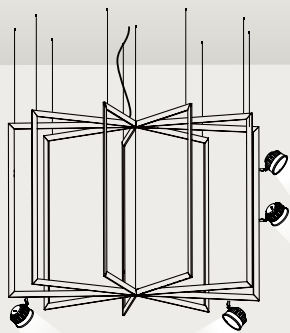
Sense System
freestyler
3D track structure

freestyler

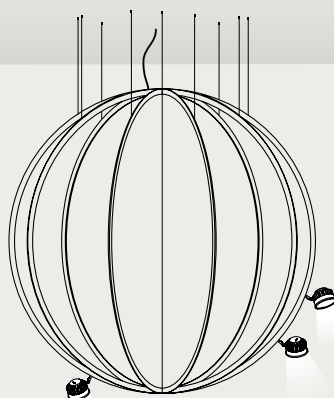
The Freestyler® typology is based on star-shaped connectors that eliminate the traditional dimensions of length and width and introduce space as a new dimension. The unique arrangement of beams and curved tracks Freestyler opens up limitless possibilities for the design of individual lighting objects. Cylindrical structures or geometric grids are also possible.

Some examples can be found in the [Price & Application Examples PDF](#).

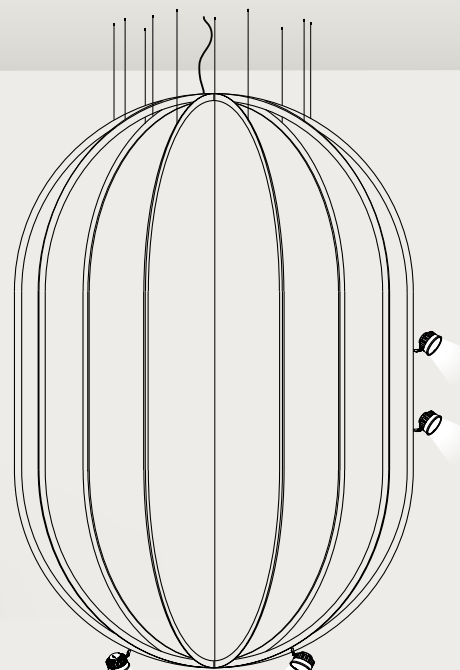
blade wheel



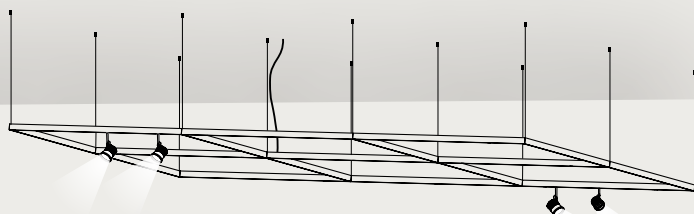
sphere



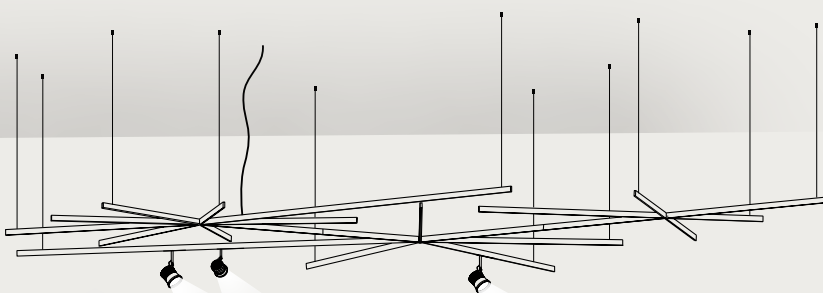
sphere



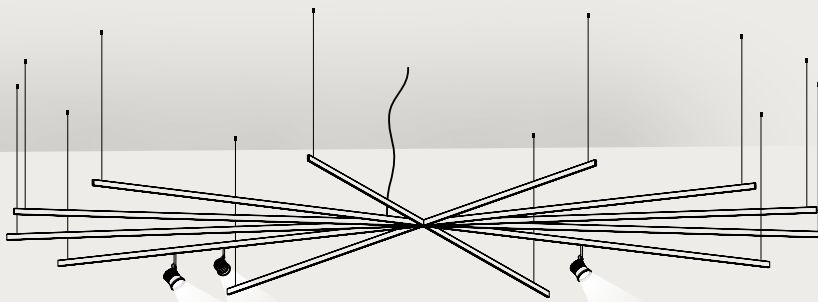
square



starry sky



starry sky





blade wheel



sphere



square



starry sky



Sense System
tri48 floor & steel48 floor
free-standing luminaires



The Tri48 Floor and Steel48 Floor free-standing luminaires serve as excellent enhancements to ceiling or wall-mounted light tracks. Nevertheless, they also offer a convenient standalone option. Their simple placement and connection make them particularly suitable for spaces like historic parlors adorned with valuable wall and ceiling decorations.

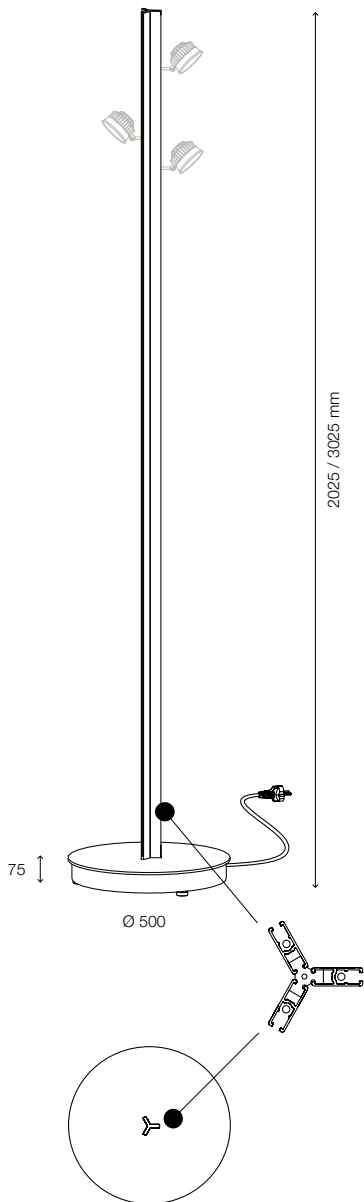
Moreover, the digital control capability of these spotlights allows for precise control over the lighting without the need for extra installation efforts or control cables.



Photo: © Lennart Wiedemuth für Buschfeld Design, Bayerische Schloßverwaltung

Sense System Tri48 Floor, black
with Ninety-Five S luminaires

Design: buschfeld Design
CE
E24
intex



tri48 floor

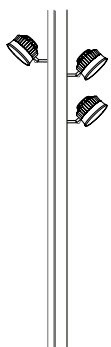
free-standing luminaire

PRI 230 V | SEC 48 V DC | 240 W
 switching power supply unit in base
 steel base round Ø 500 mm, base height 75 mm, weight ~ 25kg
 colours of base and pole can be different
 cable with safety plug, 2.5 m, black

plus luminaires, e.g. Ninety-Five S, Fifty S, Fifty XS, Thirty-Five S, Thirty-Five XS and Leaf

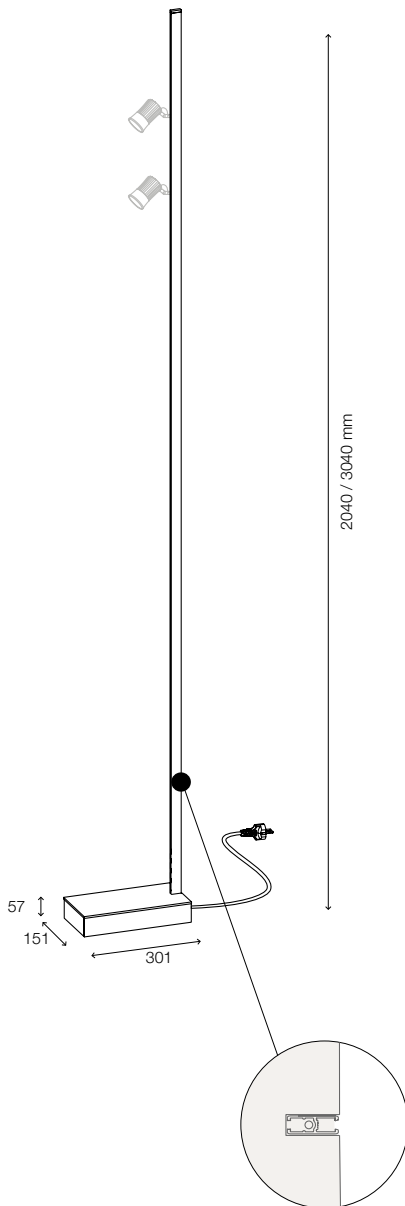
	colour of track	article no.	€ Euro
Height of luminaire 2025 mm	● alumatt	48-97255 a	3.014,00
	○ white	48-97255 w	3.014,00
	● black	48-97255 b	3.014,00
	● bronze	48-97255 c	3.131,00
Height of luminaire 3025 mm	● alumatt	48-97355 a	3.368,00
	○ white	48-97355 w	3.368,00
	● black	48-97355 b	3.368,00
	● bronze	48-97355 c	3.488,00
Accessories			
	foot switch black	8404 b	36,00

Graduated prices are possible for extensive projects, and we also offer individual custom-made products. Please send us an e-mail.



Number of luminaires per free-standing luminaire

Ninety-Five S	1 - 11
Fifty S, Fifty XS	1 - 14
Thirty-Five S, Thirty-Five XS	1 - 25



steel48 floor

free-standing luminaire

PRI 230 V | SEC 48 V DC | 150 W
 switching power supply unit in base
 steel base 495 mm x 315 mm x 70 mm, 20 kg
 colours of base and pole can be different
 cable with safety plug, 2.5 m, black

plus luminaires, e.g. Fifty S, Fifty XS, Thirty-Five S,
 Thirty-Five XS and Leaf

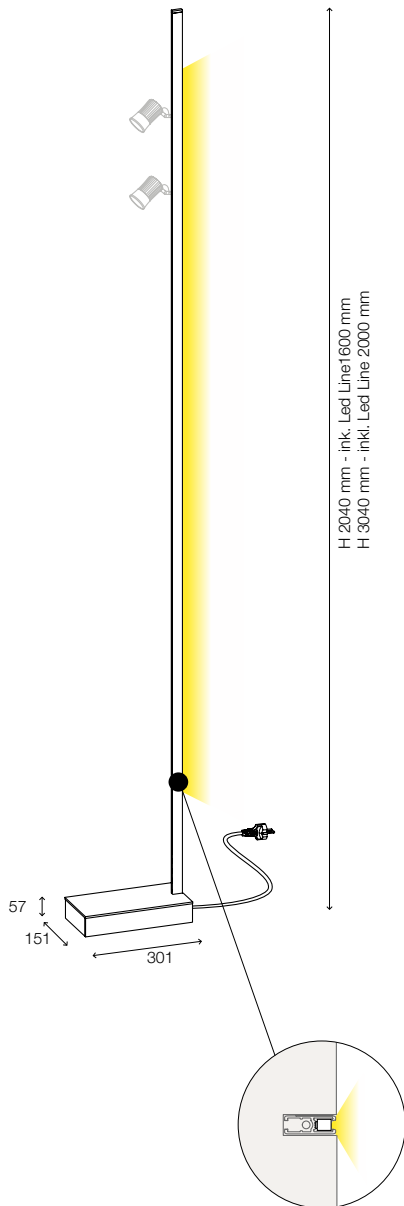
	colour of track	article no.	€ Euro
Height of luminaire 2040 mm	alumatt	48-97205 a	1.199,00
	white	48-97205 w	1.199,00
	black	48-97205 b	1.199,00
	bronze	48-97205 c	1.238,00
Height of luminaire 3040 mm	alumatt	48-97305 a	1.370,00
	white	48-97305 w	1.370,00
	black	48-97305 b	1.370,00
	bronze	48-97305 c	1.410,00

Accessories

foot switch black	8404 b	36,00
-------------------	--------	-------

Number of luminaires per free-standing luminaire	Height of Luminaire without Led Line	2040 mm / 3040 mm
Fifty S, Fifty XS		1 - 9
Thirty-Five S, Thirty-Five XS		1 - 15
Ninety-Five S		1 - 7

Only suitable to a limited extent because of the head size!



steel48 floor

free-standing luminaire

PRI 230 V | SEC 48 V DC | 150W
 switching power supply unit in base
 steel base 495 mm x 315 mm x 70 mm, 20 kg
 colours of base and pole can be different
 cable with safety plug, 2.5 m, black

plus luminaires, e.g. Fifty S, Fifty XS, Thirty-Five S,
 Thirty-Five XS and Leaf

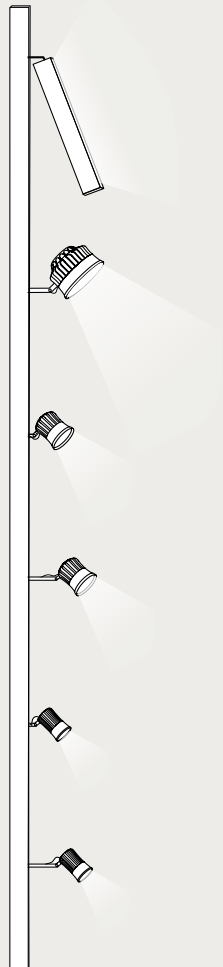
Led Line 1600 mm | 2000 mm
 Nichia LED built into the luminaire shaft
 power: ~ 38 W/m
 luminous flux: 3000 lm/m
 luminous efficacy: 79 lm/W
 CRI: > 90 und R_g > 50
 three colour temperatures are available
 controllable via Casambi

	colour of track	article no.	Led Line	€ Euro
Height of luminaire 2040 mm incl. Led Line 1600 mm	alumatt	48-97205 a	+ ...	2.053,00
	white	48-97205 w	+ ...	2.053,00
	black	48-97205 b	+ ...	2.053,00
	bronze	48-97205 c	+ ...	2.092,00
Height of luminaire 3040 mm incl. Led Line 2000 mm	alumatt	48-97305 a	+ ...	2.387,00
	white	48-97305 w	+ ...	2.387,00
	black	48-97305 b	+ ...	2.387,00
	bronze	48-97305 c	+ ...	2.427,00
Led Line colour temperature		article no.+...		
	2200 K		...-22	
	2700 K		...-27	
	3000 K		...-30	
Accessories				
foot switch black		8404 b		36,00

Number of luminaires per free-standing luminaire	Height of luminaire	2040 mm	3040 mm
	Led Line length	1600 mm	2000 mm
Fifty S, Fifty XS		1 - 5	1 - 4
Thirty-Five S, Thirty-Five XS		1 - 9	1 - 7
Ninety-Five S		1 - 4	1 - 3

Only suitable to a limited extent because of the head size!

Luminaires for free-standing luminaires



luminaires page 52 ff.
control gear page 52 ff.

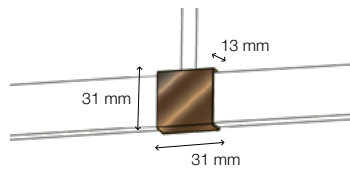
Design: buschfeld Design
CE
Intrax
E24

accessories
brass holder





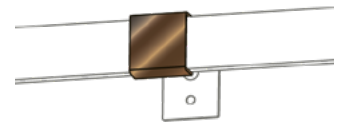
Decorative brass holders for tracks



track holder centre, brass, burnished, fastening upwards

article no. € Euro
93542 mb 120,00*

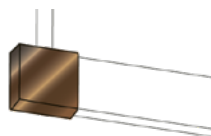
L=31 decorative, handcrafted holder spacer rod and mounting plate required



track holder, centre brass, burnished, fastening on the side

article no. € Euro
93543 mb 120,00*

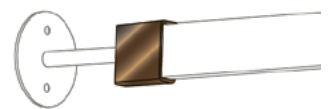
L=31 decorative, handcrafted holder spacer rod and mounting plate required



track holder at end, brass, burnished, fastening upwards

article no. € Euro
93540 mb 120,00*

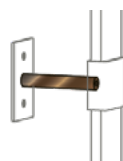
L=31 decorative, handcrafted holder spacer rod and mounting plate required



track holder at end, brass, burnished, fastening on the side

article no. € Euro
93541 mb 120,00*

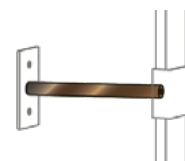
L=31 decorative, handcrafted holder spacer rod and mounting plate required



distance rod, brass, burnished

article no. € Euro
93545 mb 25,00*

L=50 handcrafted distance rod, with internal thread M6



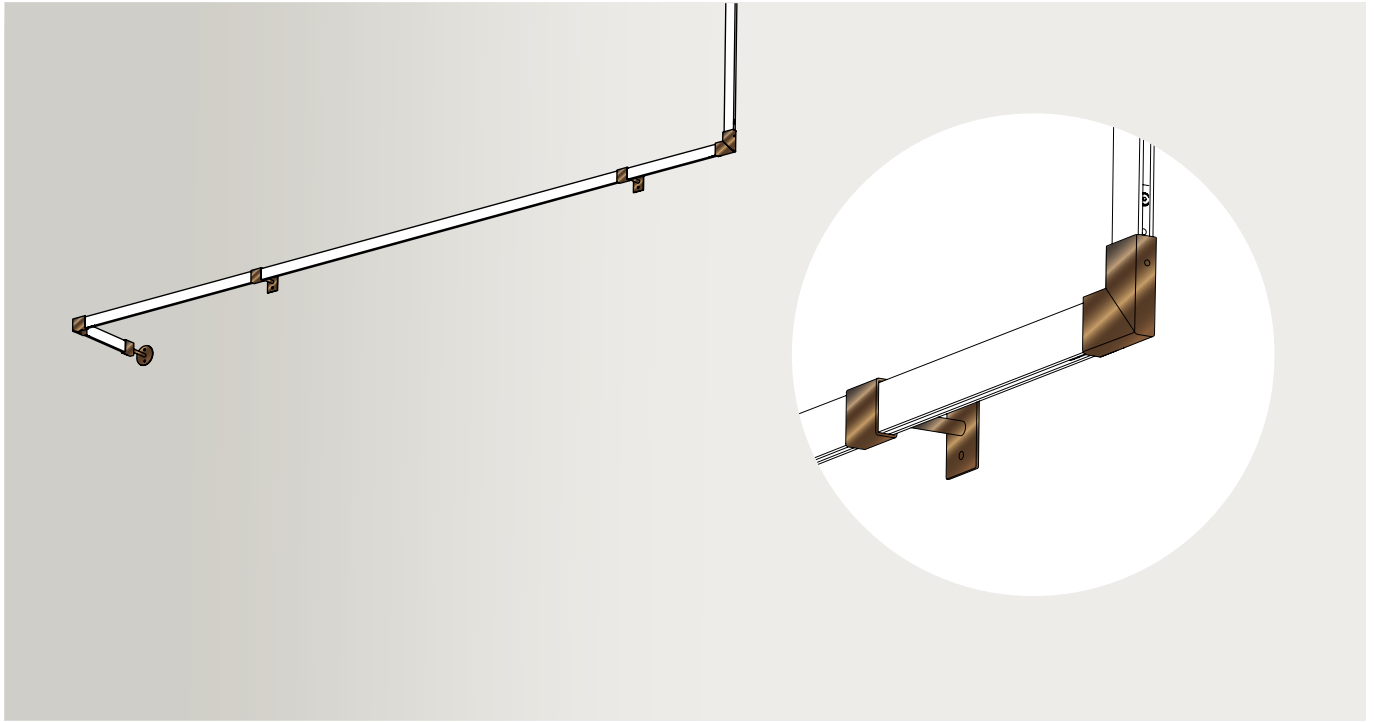
distance rod, brass, burnished

article no. € Euro
93546 mb 30,00*

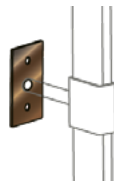
L=100 handcrafted distance rod, with internal thread M6

CE
L24
Intertek
Design: buschfeld Design

*Brass, burnished: Please note the reduced dealer discount and potentially longer delivery time.



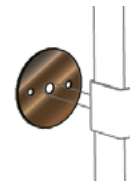
Decorative brass corners and mounting plates



**mounting plate,
rectangular,
brass, burnished**

31 x 50 mm
handcrafted
spacer rod and holder required

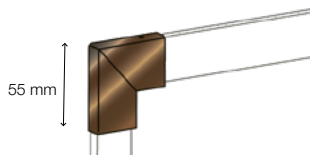
article no. € Euro
93548 mb 45,00*



**mounting plate, round,
brass, burnished**

Ø=50,
handcrafted
spacer rod and holder required

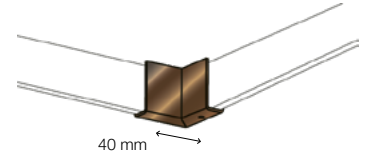
article no. € Euro
93549 mb 45,00*



**track cover,
horizontal-vertical,
brass, burnished**

L=55
handcrafted, decorative cover for
an angle connector

article no. € Euro
93640 mb 120,00*



**track cover,
horizontal-horizontal,
brass, burnished**

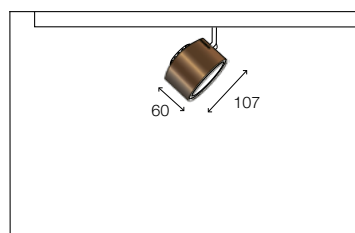
L=40
handcrafted, decorative cover for a
corner connector

article no. € Euro
93641 mb 120,00*

***Please Note:** Our brass-burnished items are meticulously handcrafted by us in small batches, with a keen eye for detail. Because of this careful craftsmanship, we offer a reduced dealer discount. We appreciate your understanding regarding potential delays in delivery.

shades

NEW

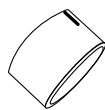


type of shade


colour

article no.

€ Euro

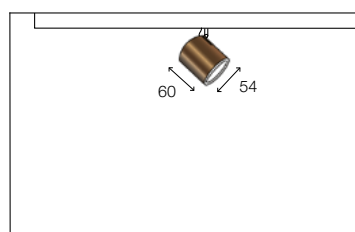


Tube95
60 mm, with slit and border

 brass, burnished

48-2443 mb

118,00*



type of shade


colour

article no.

€ Euro



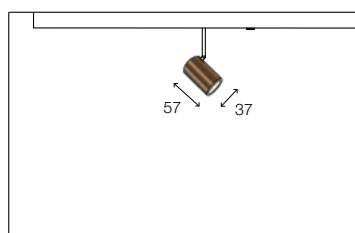
Tube50
60 mm, with slit and border

 brass, burnished

48-2412 mb

88,00*

*



type of shade


colour

article no.

€ Euro



Tube35
57 mm, with slit and border

 brass, burnished

48-2436 mb

82,00*

***Please Note:**

Our brass-burnished items are meticulously handcrafted by us in small batches, with a keen eye for detail. Because of this careful craftsmanship, we offer a reduced dealer discount. We appreciate your understanding regarding potential delays in delivery.

luminaires 48 V

Sense System luminaires

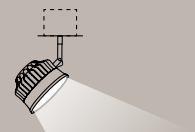
index



Ninety-Five S



Ninety-Five side S



Ninety-Five Mono48 S

Wall48

Pend48

Ceiling48

In48

Mono48

Steel48, Tri48 Floor

see page

light sources

63

64

65

66 - 67

66 - 67

66 - 67



Fifty S



Fifty XS



Fifty side S



Fifty side L

Wall48

Pend48

Ceiling48

In48

Mono48

Steel48, Tri48 Floor

see page

light sources

72

73

74

75

80 - 81

80 - 81

80 - 81

80 - 81



Thirty-Five S



Thirty-Five XS



Thirty-Five side S



Thirty-Five side L

Wall48

Pend48

Ceiling48

In48

Mono48

Steel48, Tri48 Floor

see page

light sources

86

87

88

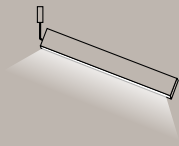
89

93

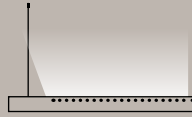
93

93

93



Leaf



Led Line



94

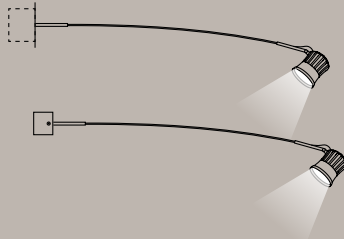


97

wall track
pendant track
ceiling track
recessed track
individual luminaire
free-standing luminaire
see page
light sources



Fifty Mono48 S



Fifty Mono48 L



Fifty fix L



76

80-81



77

80-81



79

80-81

wall track
pendant track
ceiling track
recessed track
individual luminaire
free-standing luminaire
see page
light sources



Thirty-Five mono48 S



Thirty-Five mono48 L



Thirty-Five fix L



90

93



91

93



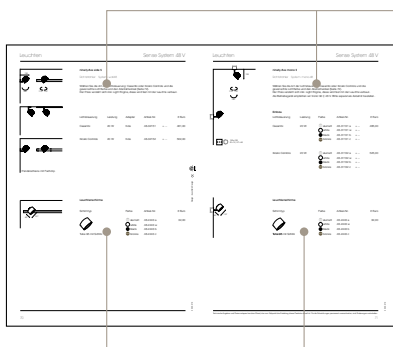
92

93

wall track
pendant track
ceiling track
recessed track
individual luminaire
free-standing luminaire
see page
light sources

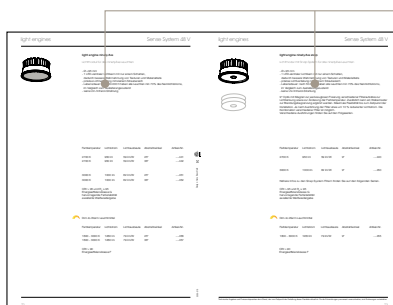
ninety-five

planning and ordering



Luminaires
 application (spot or downlight)
 length of luminaire
 adapter alignment (e.g. Side 90° for Wall48)
 lighting control Casambi

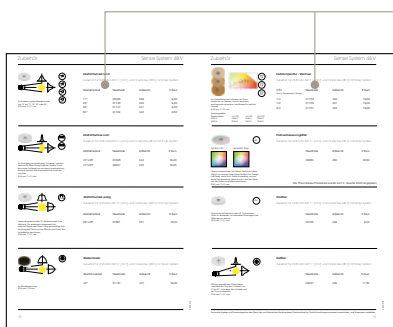
Shades
 For our luminaires we offer a range of shades.
 These can be selected and ordered as accessories.



Light Engines
 beam angle (9° with Snap, 25° or 36°)
 colour temperature (2700 K or 3000 K)
 Dim-To-Warm light source



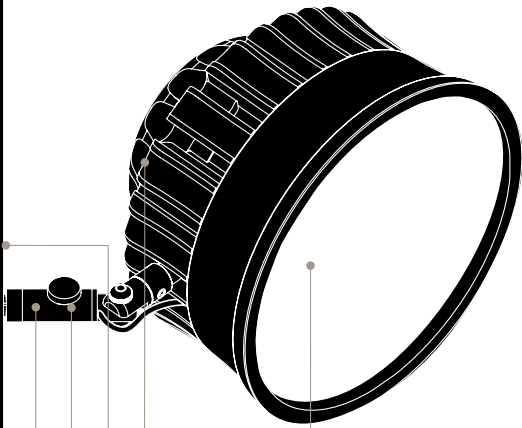
The light engines are housed within the luminaires.
 see page 66



Accessories
 Snap filter only for 9° light engines
 see page 68

ninety-five

example of how to order



Light Engine
beam angle
colour temperature

9° Snap / 2700 K / CRI 95	440
25° / 2700 K / CRI 95	441
36° / 2700 K / CRI 95	442

9° Snap / 3000 K / CRI 95	450
25° / 3000 K / CRI 95	451
36° / 3000 K / CRI 95	452



9° Snap / Dim-to-Warm / CRI 90	455
25° / Dim-to-Warm / CRI 90	456
36° / Dim-to-Warm / CRI 90	457

Luminaires
lighting control

Casambi	1
---------	---

adapter

hide	5
Mono48	3

length of luminaire

S, 60 mm	1
----------	---

adapter alignment

0°, flexible	1
90°, side, flexible	2

name of luminaire

Thirty-Five	1
Fifty	2
Ninety-Five	3

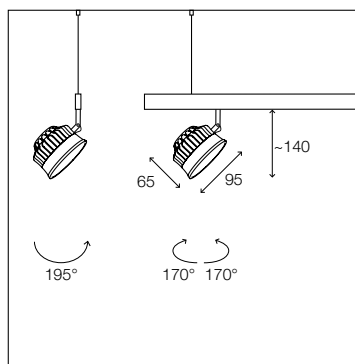
48 volts

48-31151-441



Photo: © Lennart Wiedemuth für Buschfeld Design, Bayerische Schlosserverwaltung

Luminaire Ninety-Five with a Tri48 Floor

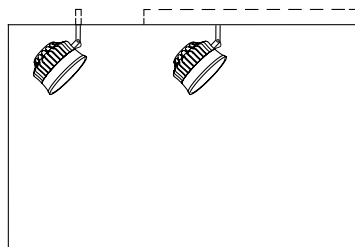
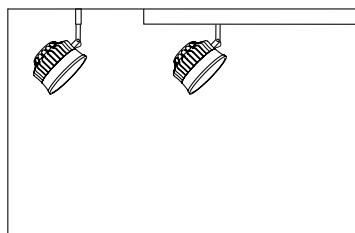


ninety-five S

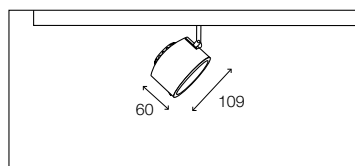
directional spotlight systems: pend48, ceiling48, in48, rondo48, tri48, steel48 and sphere

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

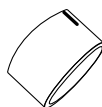
The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 66. Optionally, you can add shades.

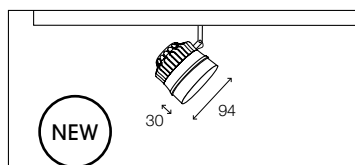



lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	20 W	hide	48-31151	+ ...	493,00

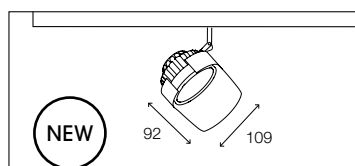



shades

type of shade	colour	article no.	€ Euro
 <p>Tube95 60 mm, with slit and border</p>	alumatt	48-2443 a	44,00
	white	48-2443 w	
	black	48-2443 b	
	bronze	48-2443 c	

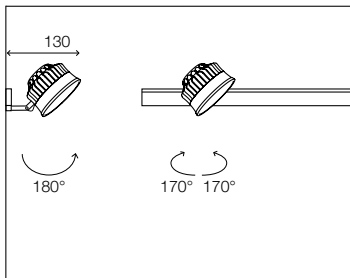


 <p>Tube95 Front 30 mm, without border. Can also be used in combination with Tube95</p>	black	48-2439 b	34,00
---	-------	-----------	-------



 <p>Curve95 Rotatable, as glare protection</p>	black	48-2699 b	69,00
--	-------	-----------	-------

Tube95 Front and Curve95 are also available in other colours on request. Please note the longer delivery time.

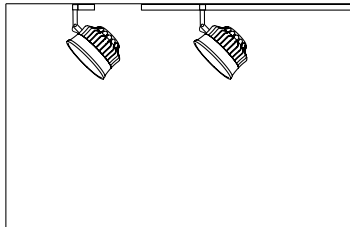


ninety-five side S

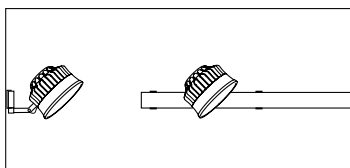
directional spotlight system: wall 48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 66. Optionally, you can add shades.

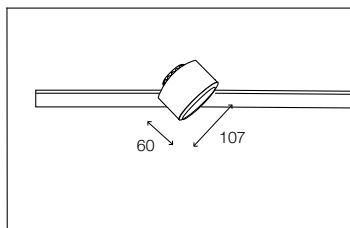


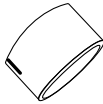
lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	20 W	hide	48-32151	+ ...	493,00

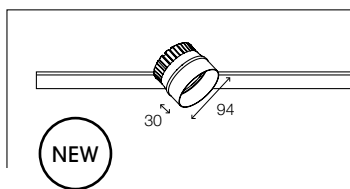



pendant mounted track with flat clips

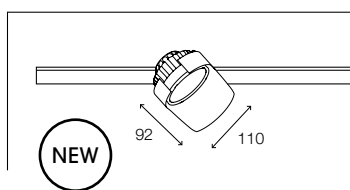
shades




type of shade	colour	article no.	€ Euro
 Tube95 60 mm, with slit and border	alumatt	48-2443 a	44,00
	white	48-2443 w	
	black	48-2443 b	
	bronze	48-2443 c	

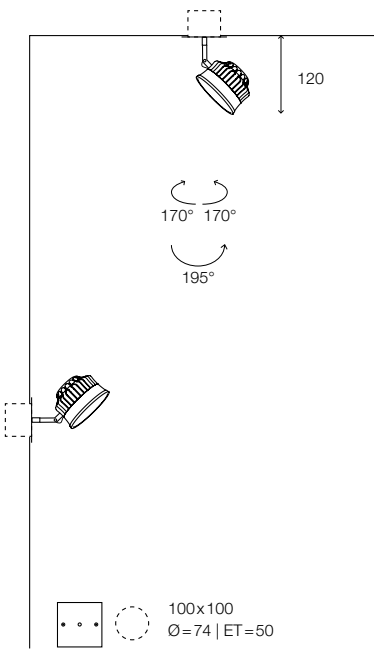


 Tube95 Front 30 mm, without border. Can also be used in combination with Tube95	black	48-2439 b	34,00
---	-------	-----------	-------



 Curve95 Rotatable, as glare protection	black	48-2699 b	69,00
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Tube95 Front and Curve95 are also available in other colours on request. Please note the longer delivery time.



ninety-five mono S | for recessed mounting

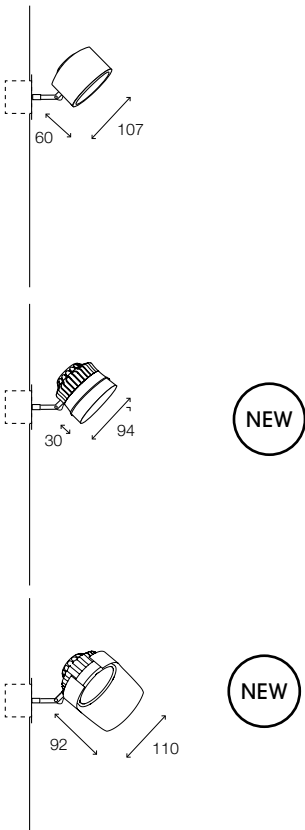
directional spotlight system: mono48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 66. Optionally, you can add shades.

Note: We recommend Tronic 90|48 V as the control gear. Please order separately as an accessory.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	20 W	alumatt	48-31131 a	+ ...	519,00
		white	48-31131 w	+ ...	
		black	48-31131 b	+ ...	
		bronze	48-31131 c	+ ...	

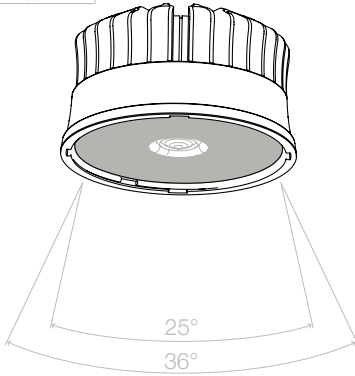


shade

type of shade	colour	article no.	€ Euro
 Tube95 60 mm, with slit and border	alumatt	48-2443 a	44,00
	white	48-2443 w	
	black	48-2443 b	
	bronze	48-2443 c	
 Tube95 Front 30 mm, without border. Can also be used in combination with Tube95	black	48-2439 b	34,00
	white		
 Curve95 Rotatable, as glare protection	black	48-2699 b	69,00

Tube95 Front and Curve95 are also available in other colours on request. Please note the longer delivery time.

- 2700 K
- 3000 K
- Dim-to-Warm
- 25°
- 36°



light engine ninety-five

luminaire module for the entire ninety-five range

- Ø = 95 mm
- single source LED with single shadow to enhance the perception of textures and materials
- precise light distribution with very little spill
- after 50,000 h, all luminaires have at least 70% of their rated luminous flux, compared to the state of delivery
- no UV/infrared radiation

2700 K | 3000 K Light Engine

CRI > 95 and R₉ ≥ 95
 energy efficiency class G
 excellent colour stability
 excellent white colour rendering

colour temperature	flux	luminous efficiency	beam angle	article no.
2700 K	950 lm	59 lm/W	25°	...-441
2700 K	950 lm	59 lm/W	36°	...-442
3000 K	1000 lm	62 lm/W	25°	...-451
3000 K	1000 lm	62 lm/W	36°	...-452

Dim-to-Warm Light Engine

CRI > 90
 energy efficiency class F

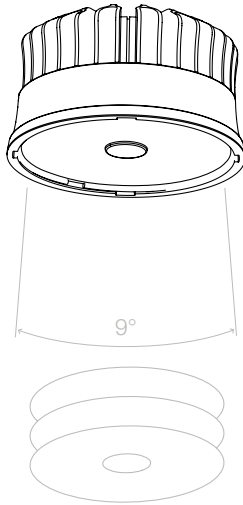


colour temperature	flux	luminous efficiency	beam angle	article no.
1800 - 3000 K	1280 lm	79 lm/W	25°	...-456
1800 - 3000 K	1280 lm	79 lm/W	36°	...-457

Buschfeld x Dim-to-Warm

Design: Hans Buschfeld

2700 K
3000 K
Dim-to-Warm
9° Snap



light engine ninety-five snap

luminaire module equipped with Snap System for the entire ninety-five range

- Ø = 95 mm
- single source LED with single shadow to enhance the perception of textures and materials
- precise light distribution with very little spill
- after 50,000 h, all luminaires have at least 70% of their rated luminous flux, compared to the state of delivery
- no UV/infrared radiation

9° optics with a magnet enables a wide range of filters to be attached to the luminaire without tools to adjust the beam angle or colour temperature. A honeycomb louvre can also be applied to enhance glare control. Maximum flexibility prior to installation. Depending on the filter applied, the luminous flux may be reduced by up to 10 %. Different combinations of filters can be applied.

Further information on Snap system filters can be found on the following pages or on our website.

[Soraa Snap System™ large](#)

2700 K | 3000 K Light Engine

CRI > 95 and $R_g \geq 95$
 energy efficiency class G
 excellent colour stability
 excellent white colour rendering

colour temperature	flux	luminous efficiency	beam angle	article no.
2700 K	950 lm	59 lm/W	9°	...-440
3000 K	1000 lm	62 lm/W	9°	...-450

Dim-to-Warm Light Engine

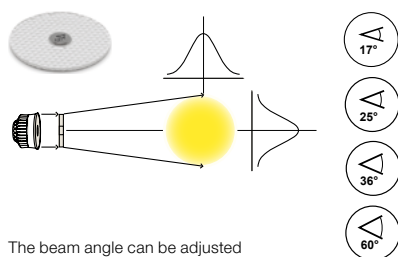
CRI > 90
 energy efficiency class F



colour temperature	flux	luminous efficiency	beam angle	article no.
1800 - 3000 K	1280 lm	79 lm/W	9°	...-455

[Buschfeld x Dim-to-Warm](#)

* Light Engine -465 Dim-to-Warm Snap System only works with Snap filter. Only the filter guarantee an adequate colour mixture. Please order filter separately. Filter on page 68 .

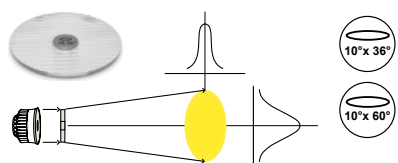


The beam angle can be adjusted from 10° to 17°, 25°, 36° or 60°.
 Ø 84 mm, T=3.1 mm

beam angle circular

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) Snap System

beam angle	neadcode	article no.	€ Euro
17°	03265	439	9,50
25°	01145	440	9,50
36°	01147	441	9,50
60°	01149	442	9,50

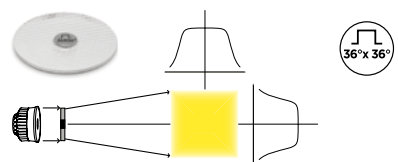


For the creation of asymmetric light beams, in particular for the illumination of linear objects. Given the oval shape of the light beam from just one light source per exhibit, fewer luminaires are required.
 Ø 84 mm, T=3.1 mm

beam angle oval

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) Snap System

beam angle	neadcode	article no.	€ Euro
10° x 36°	01595	444	19,00
10° x 60°	03261	445	19,00

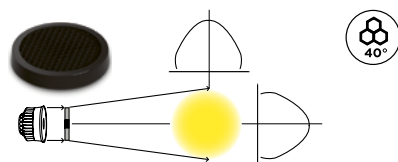


The circular shape of the 10° light beam is modified to generate a rectangular shaped beam: for square light fields on walls and floors. Uniform spread of light across the designated surface. No light fade along the edges.
 Ø 84 mm, T=3.1 mm

beam angle rectangular

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) Snap System

beam angle	neadcode	article no.	€ Euro
36° x 36°	01597	451	19,00

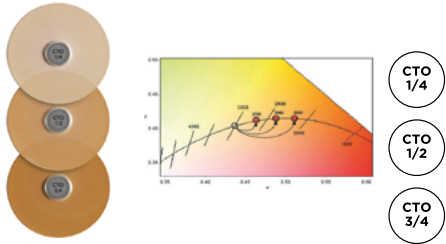


For glare control
 Ø 84 mm, T=9 mm

honeycomb louver

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) Snap System

cutoff angle	neadcode	article no.	€ Euro
40°	01151	447	19,00



For shifting the colour temperature to simulate dimmable warm white lighting conditions. Also on a temporary basis, for example on festive occasions.
 Ø 84 mm, T=3.1 mm

Effect achieved:

Initial colour temp.	1/4 CTO	1/2 CTO	3/4 CTO
2700 K	2450 K	2200 K	2000 K
3000 K	2700 K	2400 K	2200 K

shifting colour temperature

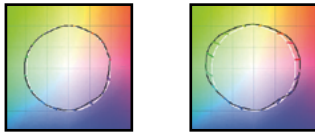
accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) Snap System

CTO	neadcode	article no.	€ Euro
Colour Temperature Orange			
1/4	01153	430	19,00
1/2	01155	431	19,00
3/4	01157	432	19,00



SORAA VIVID

ENHANCE SNAP



Filter for enhanced colour quality. Increases the vibrance of warm colours (red, orange and pink) and green. Ideal for applications where different colours need to be rendered perfectly. Underscores the richness of colours.
 Ø 84 mm, T=3.1 mm

colour enhancement filter

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) Snap System

neadcode	article no.	€ Euro
03283	450	65,00

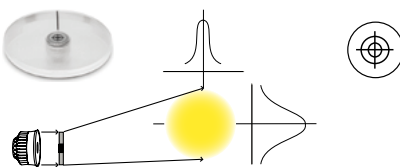


For application with coloured foil or dichroic filters to generate special atmospheres or effects.
 Ø 84 mm, T=3.1 mm

transparent filter

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) Snap System

neadcode	article no.	€ Euro
02185	448	9,00



Using two rotatable filter discs, the filter can change the beam spread from 0° to 20° without changing the colour temperature or the beam shape.
 Ø 84 mm, T=3.1 mm

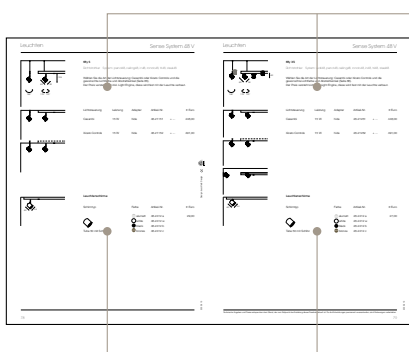
filter disc

accessories for VIVID LED AR111 (12 V) and ninety-five (48 V) Snap System

neadcode	article no.	€ Euro
03257	449	17,50

fifty

planning and ordering

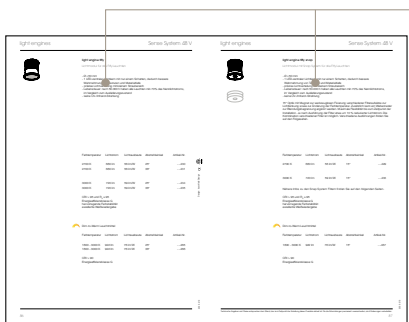


Luminaires

application (spot, downlight, luminaire for lighting pictures, or individual luminaires) length of luminaire
 adapter alignment (e.g. Side 90° for Wall48)
 lighting control Casambi

Shades

For our luminaires we offer a range of shades.
 These can be selected and ordered as accessories.



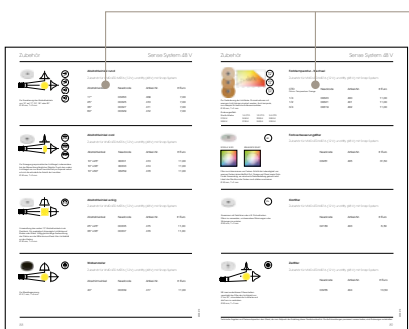
Light Engines

beam angle (15° with Snap, 25° or 36°)
 colour temperature (2700 K or 3000 K)
 Dim-To-Warm light source



The light engines are housed within the luminaires.

see page 80

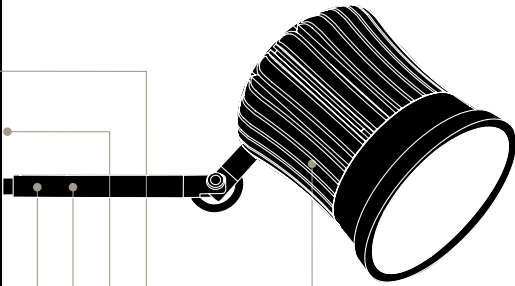


Accessories

Snap filter only for 15° light engines

see page 82

example of how to order



Light Engine
beam angle
colour temperature

15° Snap / 2700 K / CRI 95	429
25° / 2700 K / CRI 95	430
36° / 2700 K / CRI 95	431

15° Snap / 3000 K / CRI 95	433
25° / 3000 K / CRI 95	434
36° / 3000 K / CRI 95	435



15° Snap / Dim-to-Warm / CRI 90	465
25° / Dim-to-Warm / CRI 90	466
36° / Dim-to-Warm / CRI 90	467

Luminaires
lighting control

Casambi	1
---------	---

adapter

hide	5
Mono48 recessed	3
Mono48 surface	4

length of luminaire

XS, 35 mm	2
S, 60 mm	1
L, 500 mm	3
L, 1000 mm	6

adapter alignment

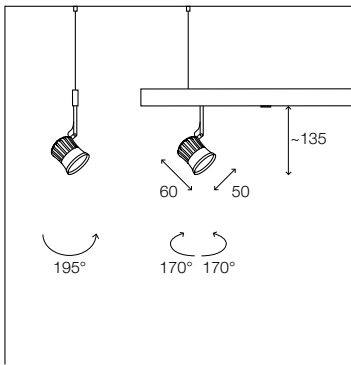
0°, fix	0
0°, flexible	1
90°, side, flexible	2

name of luminaire

Thirty-Five	1
Fifty	2
Ninety-Five	3

48 volts

48-21151-431

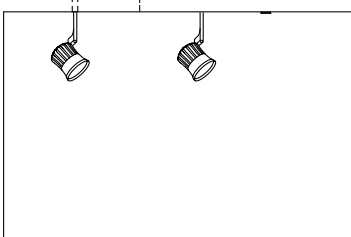
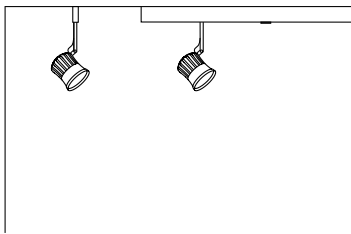


fifty S

directional spotlight system: pend48, ceiling48, in48, rondo48, tri48, steel48

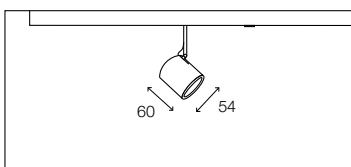
Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades

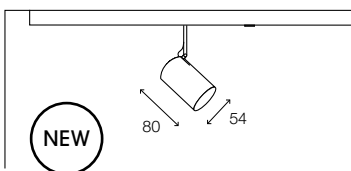


lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	15 W	hide	48-21151	+ ...	479,00











shades

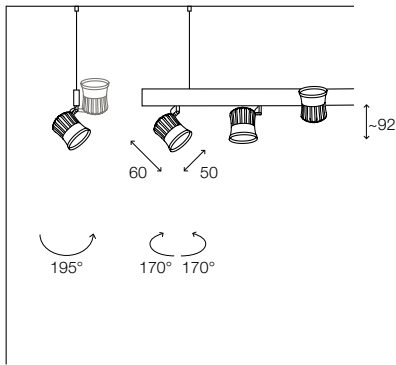


Tube50
60 mm, with slit and border



Tube50
80 mm, with slit, without border

type of shade	colour	article no.	€ Euro
	 alumatt	48-2412 a	35,00
	 white	48-2412 w	
	 black	48-2412 b	
	 bronze	48-2412 c	
	 alumatt	48-2418 a	35,00
	 white	48-2418 w	
	 black	48-2418 b	
	 bronze	48-2418 c	

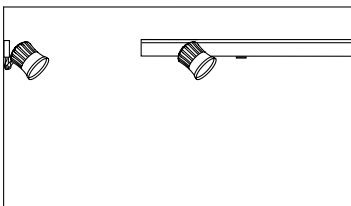
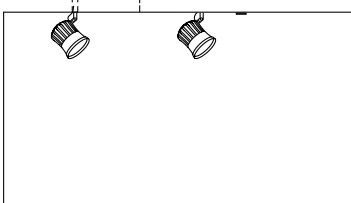
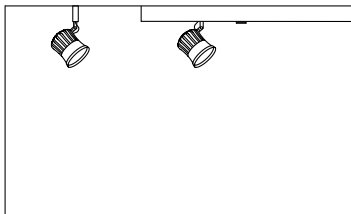


fifty XS

directional spotlight system: wall48, pend48, ceiling48, in48, rondo48, tri48, steel48

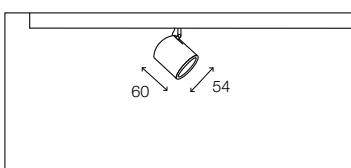
Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades

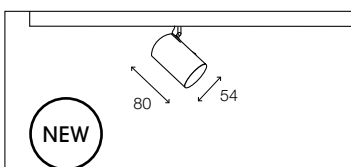


lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	15 W	hide	48-21251	+ ...	479,00



shades

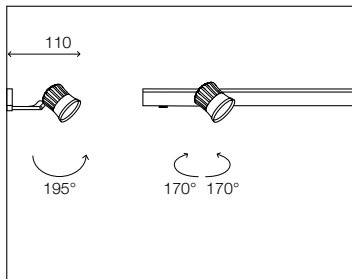


Tube50
60 mm, with slit and border



Tube50
80 mm, with slit, without border

type of shade	colour	article no.	€ Euro
	alumatt	48-2412 a	35,00
	white	48-2412 w	
	black	48-2412 b	
	bronze	48-2412 c	
	alumatt	48-2418 a	35,00
	white	48-2418 w	
	black	48-2418 b	
	bronze	48-2418 c	

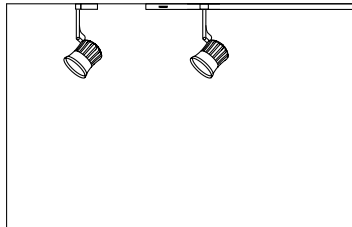


fifty side S

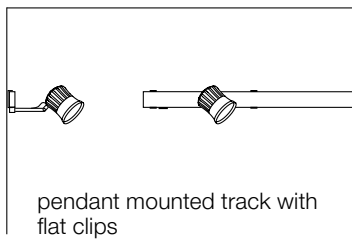
directional spotlight system: wall48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

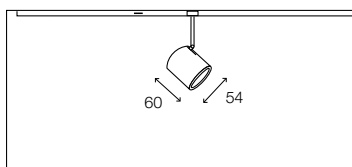
The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades



lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	15 W	hide	48-22151	+ ...	479,00

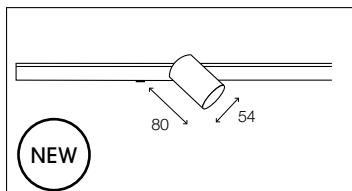


shades



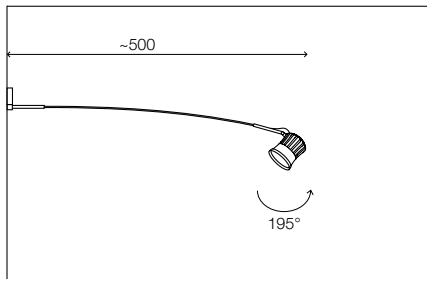
Tube50
60 mm, with slit and border

type of shade	colour	article no.	€ Euro
	alumatt	48-2412 a	35,00
	white	48-2412 w	
	black	48-2412 b	
	bronze	48-2412 c	



Tube50
80 mm, with slit, without border

	alumatt	48-2418 a	35,00
	white	48-2418 w	
	black	48-2418 b	
	bronze	48-2418 c	



fifty side L

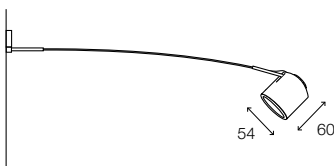
wall-mounted luminaire system: wall48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades

lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	15 W	hide	48-22351	+ ...	505,00

shades

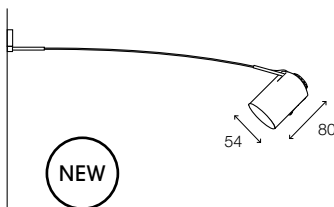


type of shade



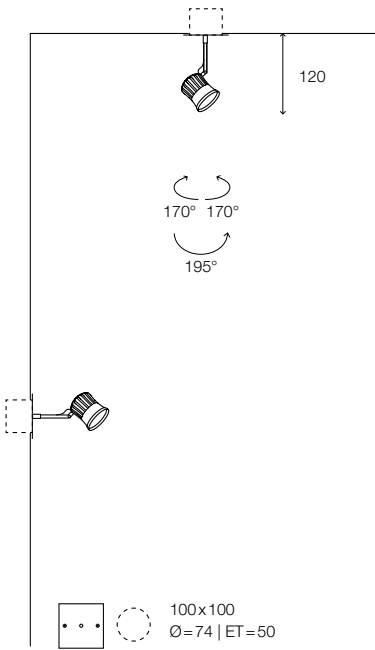
Tube50
60 mm, with slit and border

colour	article no.	€ Euro
alumatt	48-2412 a	35,00
white	48-2412 w	
black	48-2412 b	
bronze	48-2412 c	



Tube50
80 mm, with slit, without border

colour	article no.	€ Euro
alumatt	48-2418 a	35,00
white	48-2418 w	
black	48-2418 b	
bronze	48-2418 c	



fifty mono48 S | for recessed mounting

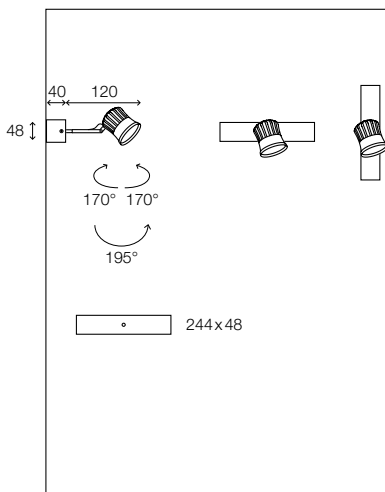
directional spotlight system: mono48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades

Note: We recommend Tronic 90|48 V as the control gear. Please order separately as an accessory.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	15 W	alumatt	48-21131 a	+ ...	505,00
		white	48-21131 w	+ ...	
		black	48-21131 b	+ ...	
		bronze	48-21131 c	+ ...	



fifty mono48 S | for surface mounting

wall-mounted luminaire system: mono48



Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

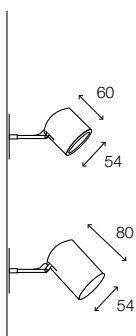
The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades

Note: The Tronic 90|48 V power supply is included in the surface-mounted housing.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	15 W	alumatt	48-21141 a	+ ...	775,00
		white	48-21141 w	+ ...	
		black	48-21141 b	+ ...	
		bronze	48-21141 c	+ ...	

shades

You can find the matching shades for the Fifty side S luminaire on page 74.



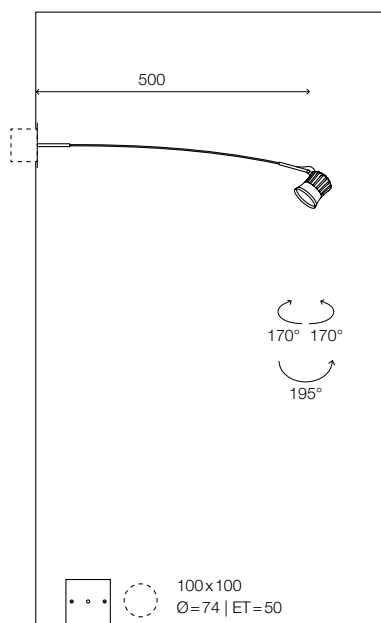
Tube50

60 mm, with slit and border

Tube50

80 mm, with slit, without border





fifty mono48 L | for recessed mounting

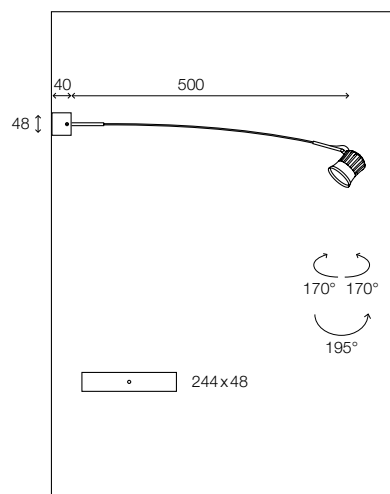
wall-mounted luminaire system: mono48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades

Note: We recommend Tronic 90|48 V as the control gear. Please order separately as an accessory.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	15 W	alumatt	48-21331 a	+ ...	530,00
		white	48-21331 w	+ ...	
		black	48-21331 b	+ ...	
		bronze	48-21331 c	+ ...	



fifty mono48 L | for surface mounting

wall-mounted luminaire system: mono48



Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

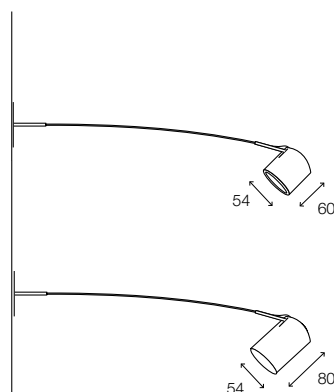
The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades

Note: The Tronic 90|48 V power supply is included in the surface-mounted housing.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	15 W	alumatt	48-21341 a	+ ...	799,00
		white	48-21341 w	+ ...	
		black	48-21341 b	+ ...	
		bronze	48-21341 c	+ ...	

shades

You can find the matching shades for the Fifty side S luminaire on page 75.



Tube50

60 mm, with slit and border

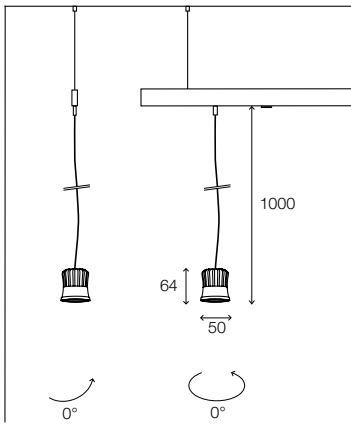
Tube50

80 mm, with slit, without border





Luminaire Fifty fix L with shade Tube50, white



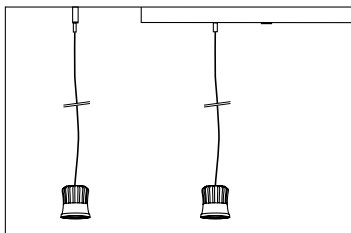
fifty fix L

downlight system: pend48, ceiling48, in48

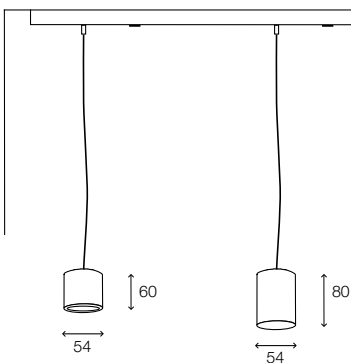
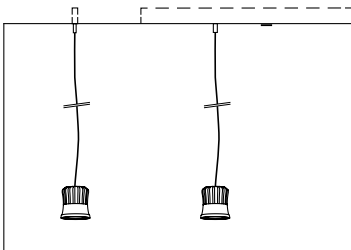
Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature, beam angle and Soraa Snap accessories if required. Further details on the properties of the Light Engine can be found from page 80. Optionally, you can add shades.



Length of pendant luminaire can be shortened. Standard colour of textile cable is black. Custom lengths and colours on request.



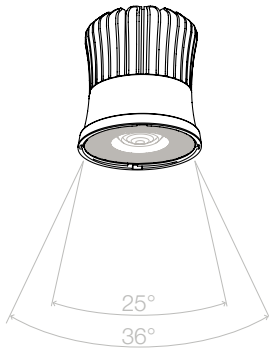
lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	15 W	hide	48-20651	+ ...	505,00



shades

type of shade	colour	article no.	€ Euro
 Tube50 60 mm, without slit, with border	alumatt	48-2416 a	35,00
	white	48-2416 w	
	black	48-2416 b	
	bronze	48-2416 c	
 Tube50 80 mm, without slit and border	alumatt	48-2414 a	35,00
	white	48-2414 w	
	black	48-2414 b	
	bronze	48-2414 c	

- 2700 K
- 3000 K
- Dim-to-Warm
- 25°
- 36°



light engine fifty

luminaire module for the entire fifty range

- Ø = 50 mm
- single source LED with single shadow to enhance the perception of textures and materials
- precise light distribution with very little spill
- after 50,000 h, all luminaires have at least 70% of their rated luminous flux, compared to the state of delivery
- no UV/infrared radiation

2700 K | 3000 K Light Engine

CRI > 95 and R_g ≥ 95
 energy efficiency class G
 excellent colour stability
 excellent white colour rendering

colour temperature	flux	luminous efficiency	beam angle	article no
2700 K	680 lm	56 lm/W	25°	...-430
2700 K	680 lm	56 lm/W	36°	...-431
3000 K	720 lm	59 lm/W	25°	...-434
3000 K	720 lm	59 lm/W	36°	...-435

Dim-to-Warm Light Engine

CRI > 90
 energy efficiency class G

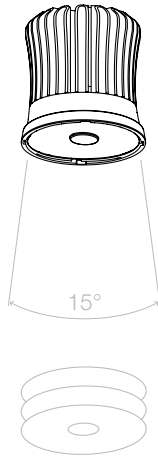


colour temperature	flux	luminous efficiency	beam angle	article no
1800 - 3000 K	922 lm	76 lm/W	25°	...-466
1800 - 3000 K	922 lm	76 lm/W	36°	...-467

Buschfeld x Dim-to-Warm

Design: buschfeld Design

- 2700 K
- 3000 K
- Dim-to-Warm
- 15° Snap



light engine fifty snap

luminaire module with snap system for the entire fifty range

- Ø= 50 mm
- single source LED with single shadow to enhance the perception of textures and materials
- precise light distribution with very little spill
- after 50,000 h, all luminaires have at least 70% of their rated luminous flux, compared to the state of delivery
- no UV/infrared radiation

15° optics with a magnet enables a wide range of filters to be attached to the luminaire without tools to adjust the beam angle or colour temperature. A honeycomb louvre can also be applied to enhance glare control. Maximum flexibility prior to installation. Depending on the filter applied, the luminous flux may be reduced by up to 10 %. Different combinations of filters can be applied. Further information on Snap System filters can be found on the following pages and on our website.

Soraa Snap System™ small

2700 K | 3000 K Light Engine

CRI > 95 and R_g ≥ 95
 energy efficiency class G
 excellent colour stability
 excellent white colour rendering

colour temperature	flux	luminous efficiency	beam angle	article no
2700 K	680 lm	56 lm/W	15°	...-429
3000 K	720 lm	59 lm/W	15°	...-433

Dim-to-Warm Light Engine

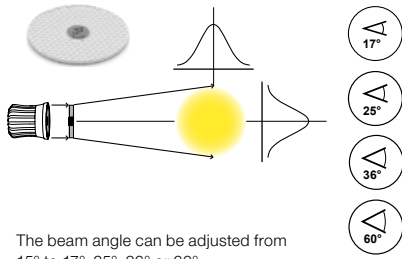
CRI > 90
 energy efficiency class G



colour temperature	flux	luminous efficiency	beam angle	article no
1800 - 3000 K	922 lm	76 lm/W	15°	...-465*

Buschfeld x Dim-to-Warm

* Light Engine -465 Dim-to Warm Snap System only works with Snap filter. Only the filter guarantee an adequate colour mixture. Please order filter separately. Filter on page 82 .

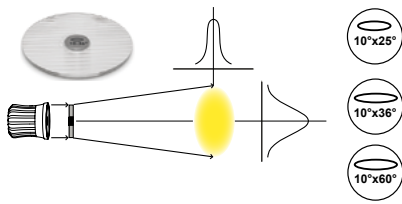


The beam angle can be adjusted from 15° to 17°, 25°, 36° or 60°.
 Ø 50 mm, T=2 mm

beam angle circular

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

beam angle	neadcode	article no.	€ Euro
17°	03263	409	7,00
25°	00325	410	7,00
36°	00327	411	7,00
60°	00329	412	7,00

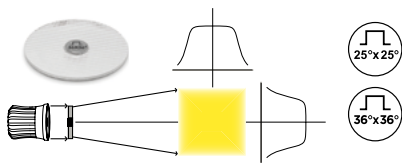


For the creation of asymmetric light beams, in particular for the illumination of linear objects. Given the oval shape of the light beam from just one light source per exhibit, fewer luminaires are required.
 Ø 50 mm, T=2 mm

beam angle oval

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

beam angle	neadcode	article no.	€ Euro
10° x 25°	00331	413	11,00
10° x 36°	00333	414	11,00
10° x 60°	03259	418	11,00

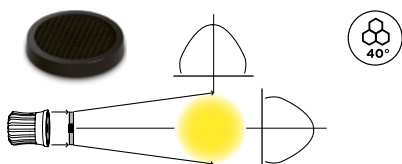


The circular shape of the 15° light beam is modified to generate a rectangular shaped beam: for square light fields on walls and floors. Uniform spread of light across the designated surface. No fading light along the edges.
 Ø 50 mm, T=2 mm

beam angle rectangular

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

beam angle	neadcode	article no.	€ Euro
36° x 36°	00337	416	11,00

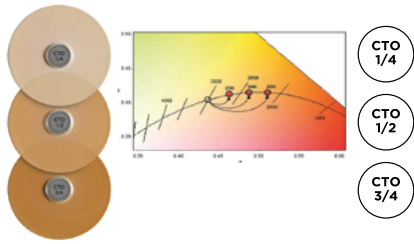


For glare control
 Ø 51,1 mm, T=9 mm

honeycomb louvre

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

cutoff angle	neadcode	article no.	€ Euro
40°	00339	417	11,00



For shifting the colour temperature to simulate dimmable warm white lighting conditions. Also on a temporary basis, for example on festive occasions.
 Ø 50 mm, T=2 mm

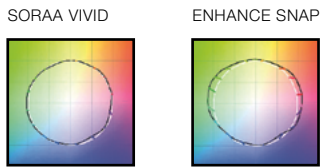
Effect achieved:

Initial colour temp.	1/4 CTO	1/2 CTO	3/4 CTO
2700 K	2450 K	2200 K	2000 K
3000 K	2700 K	2400 K	2200 K

shifting colour temperature

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

CTO	neadcode	article no.	€ Euro
Colour Temperature Orange			
1/4	00323	400	11,00
1/2	00321	401	11,00
3/4	00319	402	11,00



Filter for enhanced colour quality. Increases the vibrance of warm colours (red, orange and pink) and green. Ideal for applications where different colours need to be rendered perfectly. Underscores the richness of colours.
 Ø 50 mm, T=2 mm

colour enhancement filter

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

neadcode	article no.	€ Euro
03281	405	32,00

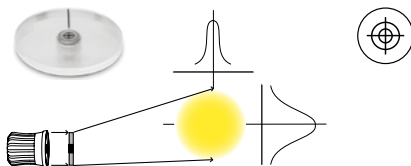


For application with coloured foil or dichroic filters to generate special atmospheres or effects.
 Ø 50 mm, T=2 mm

transparent filter

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

neadcode	article no.	€ Euro
02183	403	6,50



Using two rotatable filter discs, the filter can change the beam spread from 0° to 20° without changing the colour temperature or the beam shape.
 Ø 50 mm, T=2 mm

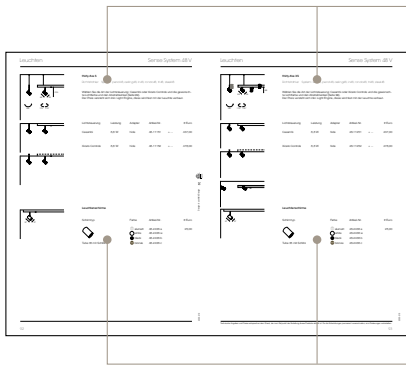
filter disc

accessories for VIVID LED MR16 (12 V) and fifty (48 V) with Snap System

neadcode	article no.	€ Euro
03255	404	13,50

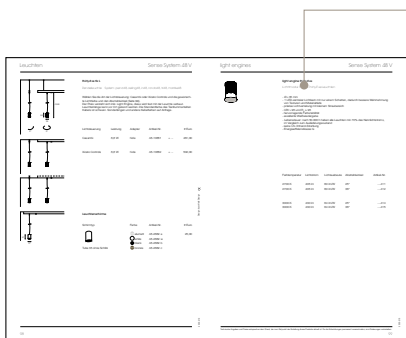
thirty-five

planning and ordering



Luminaires
 application (spot, luminaire for lighting pictures, or individual luminaires)
 length of luminaire
 adapter alignment (e.g. Side 90° for Wall48)
 lighting control Casambi

Shades
 For our luminaires we offer a range of shades.
 These can be selected and ordered as accessories.

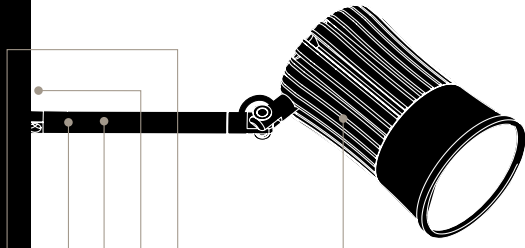


Light Engines
 Beam angle (25° or 36°)
 Colour temperature (2700 K or 3000 K)
 The light engines are housed within the luminaires.

see page 93

thirty-five

example of how to order



Light Engine
beam angle
colour temperature

25° / 2700 K / CRI 95	411
36° / 2700 K / CRI 95	412
25° / 3000 K / CRI 95	414
36° / 3000 K / CRI 95	415

Luminaires
lighting control

Casambi	1
---------	---

adapter

hide	5
Mono48 recessed	3
Mono48 surface	4

length of luminaire

XS, 35 mm	2
S, 60 mm	1
L, 700 mm	4
L, 1000 mm	6

adapter alignment

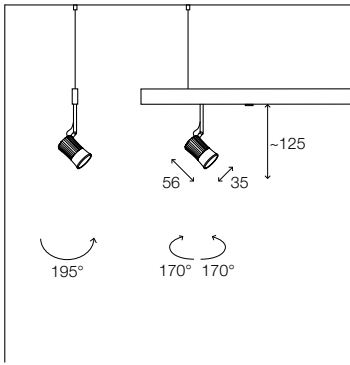
0°, fix	0
0°, flexible	1
90°, side, flexible	2

name of luminaire

Thirty-Five	1
Fifty	2
Ninety-Five	3

48 volts

48-11151-412

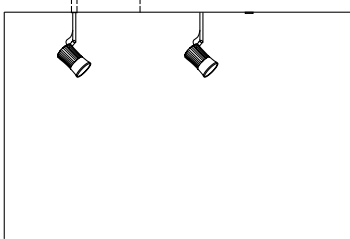
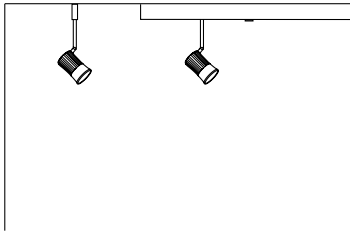


thirty-five S

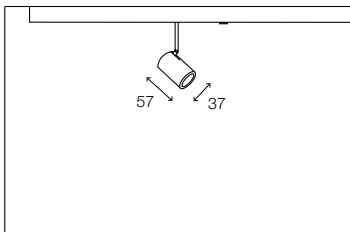
directional spotlight system: pend48, ceiling48, in48, rondo48, tri48, steel48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature and beam angle. Further details on the properties of the Light Engine can be found from page 93. Optionally, you can add shades.



lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	8,8 W	hide	48-11151	+ ...	468,00



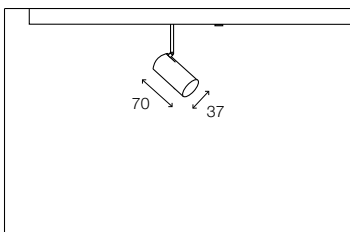
shades

type of shade



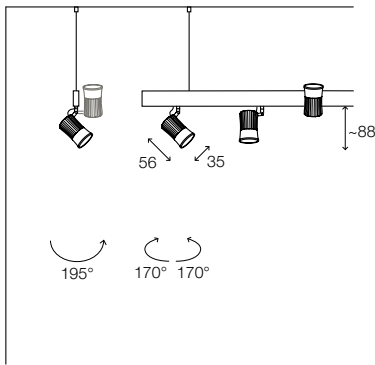
Tube35
57 mm, with slit and border

colour	article no.	€ Euro
alumatt	48-2436 a	29,00
white	48-2436 w	
black	48-2436 b	
bronze	48-2436 c	



Tube35
70 mm, with slit, without border

colour	article no.	€ Euro
alumatt	48-2707 a	29,00
white	48-2707 w	
black	48-2707 b	
bronze	48-2707 c	

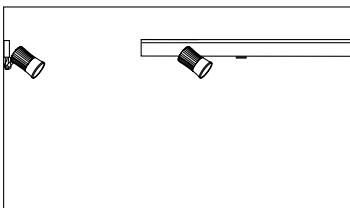
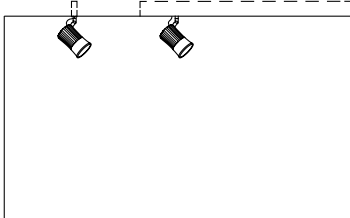
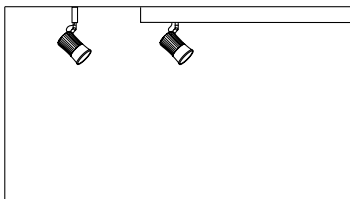


thirty-five XS

directional spotlight system: wall48, pend48, ceiling48, in48, rondo48, tri48, steel48

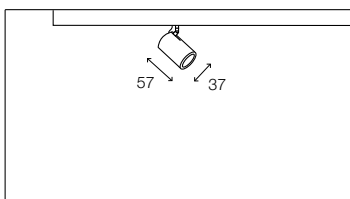
Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.


The price offered includes the permanently installed light engine. Select the colour temperature and beam angle. Further details on the properties of the Light Engine can be found from page 93. Optionally, you can add shades.

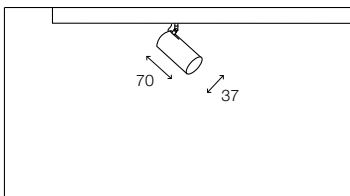


lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	8,8 W	hide	48-11251	+ ...	468,00

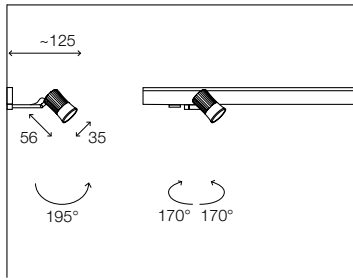
shades



type of shade	colour	article no.	€ Euro
 Tube35 57 mm, with slit and border	alumatt	48-2436 a	29,00
	white	48-2436 w	
	black	48-2436 b	
	bronze	48-2436 c	



 Tube35 70 mm, with slit, without border	alumatt	48-2707 a	29,00
	white	48-2707 w	
	black	48-2707 b	
	bronze	48-2707 c	

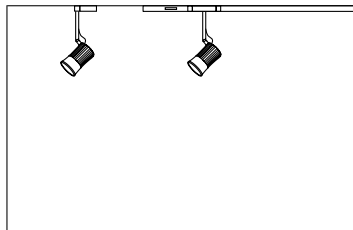


thirty-five side S

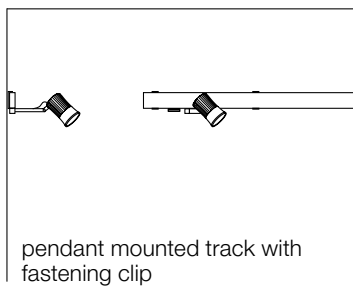
directional spotlight system: wall 48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

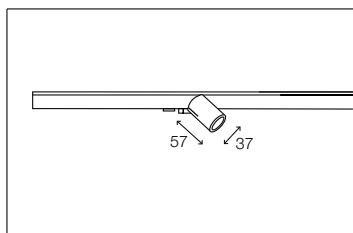
The price offered includes the permanently installed light engine. Select the colour temperature and beam angle. Further details on the properties of the Light Engine can be found from page 93. Optionally, you can add shades.



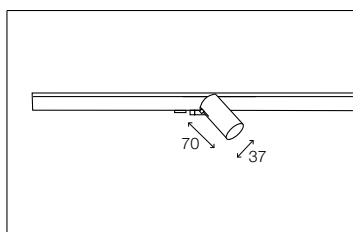
lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	8,8 W	hide	48-12151	+ ...	468,00



shades

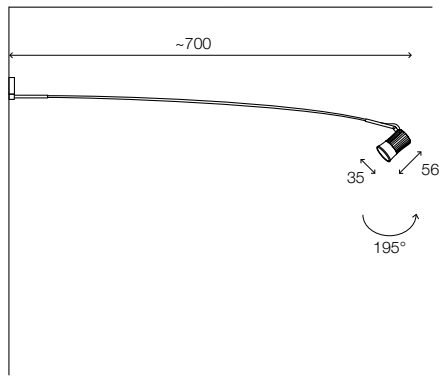


type of shade	colour	article no.	€ Euro
	alumatt	48-2436 a	29,00
	white	48-2436 w	
	black	48-2436 b	
	bronze	48-2436 c	



	alumatt	48-2707 a	29,00
	white	48-2707 w	
	black	48-2707 b	
	bronze	48-2707 c	

Design: buschfeld Design



thirty-five side L

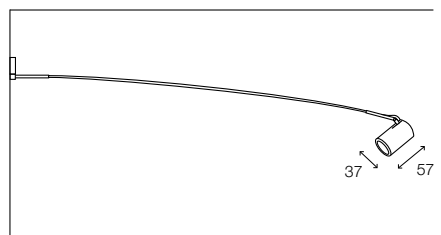
luminaire for lighting pictures system: wall48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature and beam angle. Further details on the properties of the Light Engine can be found from page 93. Optionally, you can add shades.

lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	8,8 W	hide	48-12451	+ ...	493,00

shades

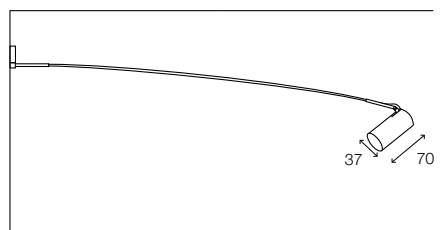


type of shade



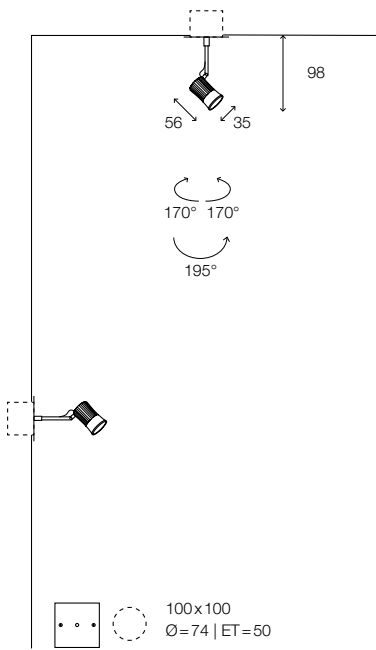
Tube35
57 mm, with slit and border

colour	article no.	€ Euro
alumatt	48-2436 a	29,00
white	48-2436 w	
black	48-2436 b	
bronze	48-2436 c	



Tube35
70 mm, with slit, without border

colour	article no.	€ Euro
alumatt	48-2707 a	29,00
white	48-2707 w	
black	48-2707 b	
bronze	48-2707 c	



thirty-five mono48 S I for recessed mounting

directional spotlight system: mono48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

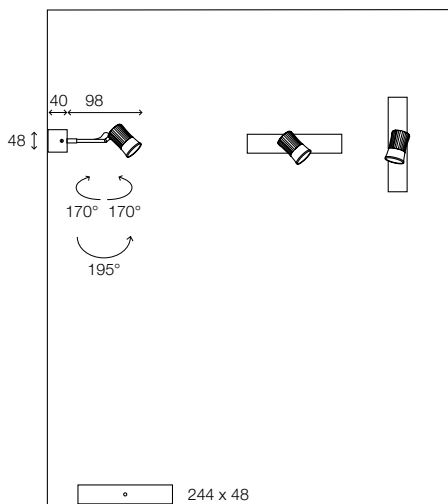
The price offered includes the permanently installed light engine. Select the colour temperature and beam angle. Further details on the properties of the Light Engine can be found from page 93. Optionally, you can add shades.

Note: We recommend Tronic 90|48 V as the control gear. Please order separately as an accessory.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	8,8 W	alumatt	48-11131 a	+ ...	493,00
		white	48-11131 w	+ ...	
		black	48-11131 b	+ ...	
		bronze	48-11131 c	+ ...	

thirty-five mono48 S I for surface mounting

wall-mounted luminaire system: mono48



Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature and beam angle. Further details on the properties of the Light Engine can be found from page 93. Optionally, you can add shades.

Note: The Tronic 90|48 V power supply is included in the surface-mounted housing.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	8,8 W	alumatt	48-11141 a	+ ...	762,00
		white	48-11141 w	+ ...	
		black	48-11141 b	+ ...	
		bronze	48-11141 c	+ ...	

shades

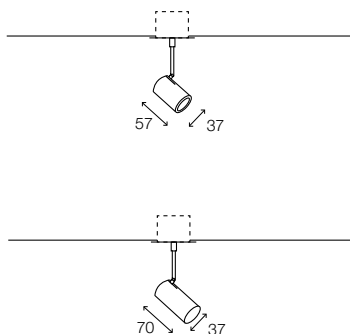
You can find the matching shades for the Thirty-Five side S luminaire on page 88.

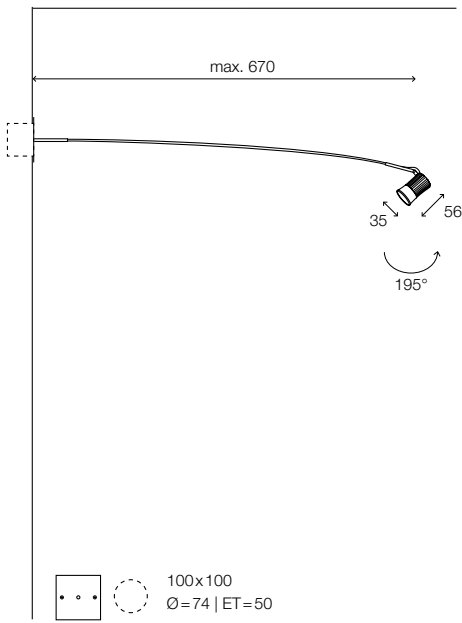
Tube35

57 mm, with slit and border

Tube35

70 mm, with slit, without border





thirty-five mono48 L | for recessed mounting

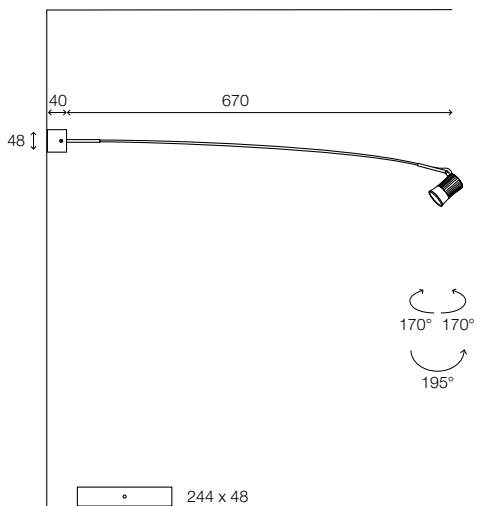
wall-mounted luminaire system: mono48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature and beam angle. Further details on the properties of the Light Engine can be found from page 93. Optionally, you can add shades.

Note: We recommend Tronic 90|48 V as the control gear. Please order separately as an accessory.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	8,8 W	alumatt	48-11431 a	+ ...	519,00
		white	48-11431 w	+ ...	
		black	48-11431 b	+ ...	
		bronze	48-11431 c	+ ...	



thirty-five mono48 L | for surface mounting

wall-mounted luminaire system: mono48

Select the luminaires according to the lighting task. The lighting is always controlled via Casambi.

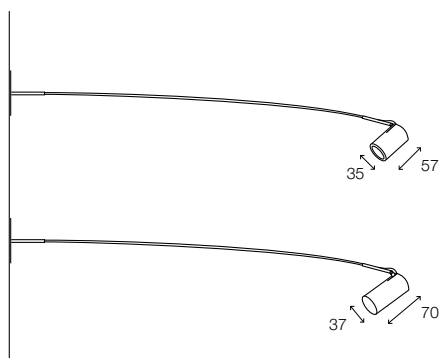
The price offered includes the permanently installed light engine. Select the colour temperature and beam angle. Further details on the properties of the Light Engine can be found from page 93. Optionally, you can add shades.

Note: The Tronic 90|48 V power supply is included in the surface-mounted housing.

lighting control	wattage	colour	article no	light engine	€ Euro
Casambi	8,8 W	alumatt	48-11441 a	+ ...	788,00
		white	48-11441 w	+ ...	
		black	48-11441 b	+ ...	
		bronze	48-11441 c	+ ...	

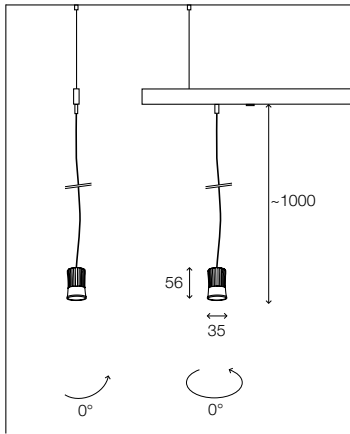
shades

You can find the matching shades for the Thirty-Five side S luminaire on page 89.



Tube35
57 mm, with slit and border

Tube35
70 mm, with slit, without border



thirty-five fix L

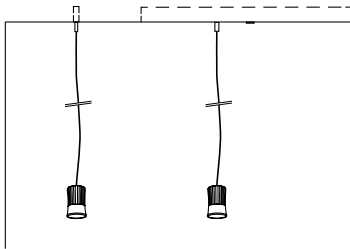
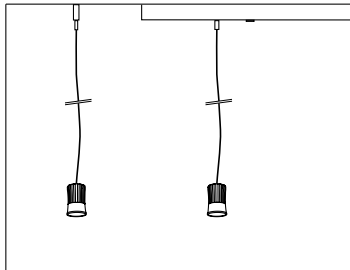
directional spotlight system: pend48, ceiling48, in48, rondo48, tri48

Select the luminaires according to the lighting task.
The lighting is always controlled via Casambi.

The price offered includes the permanently installed light engine. Select the colour temperature and beam angle.
Further details on the properties of the Light Engine can be found from page 93.

Length of pendant luminaire can be shortened. Standard colour of textile cable is black.
Custom lengths and colours on request

lighting control	wattage	adapter	article no.	light engine	€ Euro
Casambi	8,8 W	hide	48-10651	+ ...	493,00



shades

type of shade

colour article no. € Euro



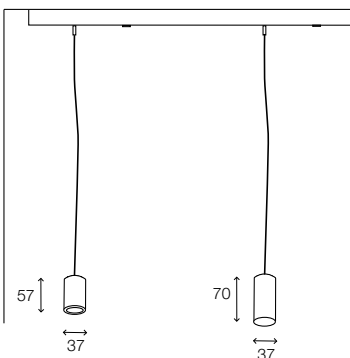
Tube35
57 mm, without slit, with border

- alumatt 48-2662 a 29,00
- white 48-2662 w
- black 48-2662 b
- bronze 48-2662 c

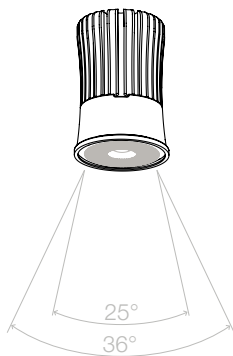


Tube35
70 mm, without slit, without border

- alumatt 48-2706 a 29,00
- white 48-2706 w
- black 48-2706 b
- bronze 48-2706 c



2700 K
3000 K
25°
36°



light engine thirty-five

luminaire module for the entire thirty five range

- Ø=35 mm
- single source LED with single shadow to enhance the perception of textures and materials
- precise light distribution with very little spill
- CRI > 95 and R₉ ≥ 95
- excellent colour stability
- excellent white colour rendering
- after 50,000 h, all luminaires have at least 70% of their rated luminous flux, compared to the state of delivery
- no UV/infrared radiation
- energy efficiency class G

2700 K | 3000 K Light Engine

CRI > 95 and R₉ ≥ 95
 energy efficiency class G
 excellent colour stability
 excellent white colour rendering

colour temperature	flux	luminous efficiency	beam angle	article no.
2700 K	405 lm	60 lm/W	25°	...-411
2700 K	405 lm	60 lm/W	36°	...-412
3000 K	430 lm	64 lm/W	25°	...-414
3000 K	430 lm	64 lm/W	36°	...-415

Dim-to-Warm Light Engine

CRI > 90
 energy efficiency class G

colour temperature	flux	luminous efficiency	beam angle	article no
--------------------	------	---------------------	------------	------------

Buschfeld x Dim-to-Warm



leaf20 Casambi | leaf40 Casambi

Linear luminaire system: wall48, pend48, ceiling48, in48, steel48, tri48 floor

Leaf as a short, movable, linear luminaire for installation on the inner track conductor side.

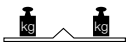
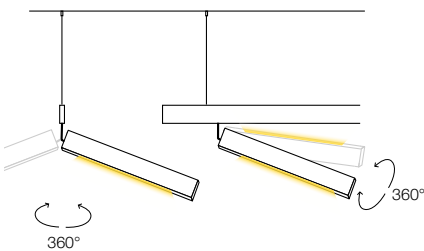
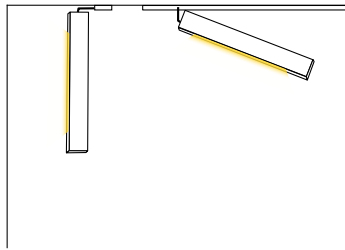
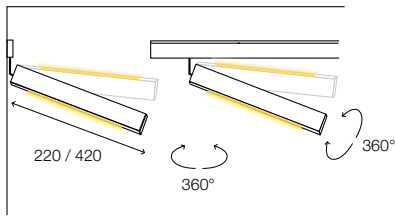
The light is always controlled via Casambi.

Select the colour temperature.

Beam angle approx. 120°

Can be swivelled and rotated 360°, hide adapter

Nichia LED: CRI: > 90 and R9 > 50



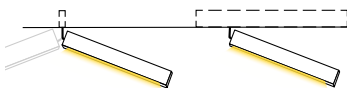
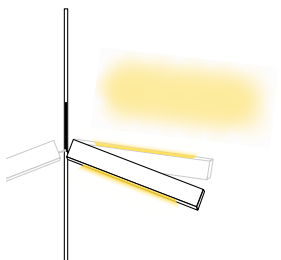
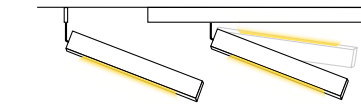
! Mind the balance with pendant tracks.

Length
wattage / flux

220 mm
9 W / 600 lm

420 mm
17 W / 1200 lm

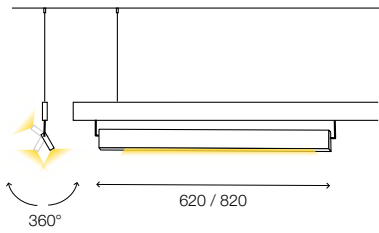
Colour	Article no.	Colour temperature		€ Euro
		2700 K	3000 K	
● alumatt	48-51051 a +	...-27	...-30	390,00
○ white	48-51051 w +	...-27	...-30	
● black	48-51051 b +	...-27	...-30	
● bronze	48-51051 c +	...-27	...-30	
● alumatt	48-51151 a +	...-27	...-30	448,00
○ white	48-51151 w +	...-27	...-30	
● black	48-51151 b +	...-27	...-30	
● bronze	48-51151 c +	...-27	...-30	





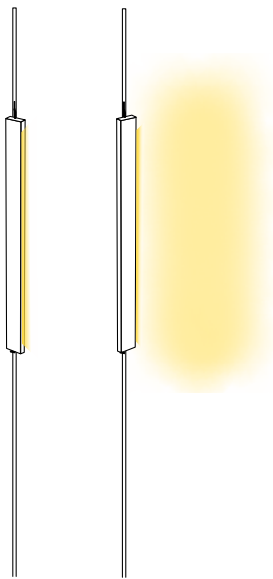
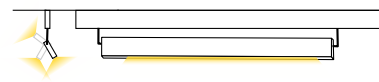
leaf60 Casambi | leaf80 Casambi

Linear luminaire system: pend48, ceiling48, in48, steel48, tri48 floor

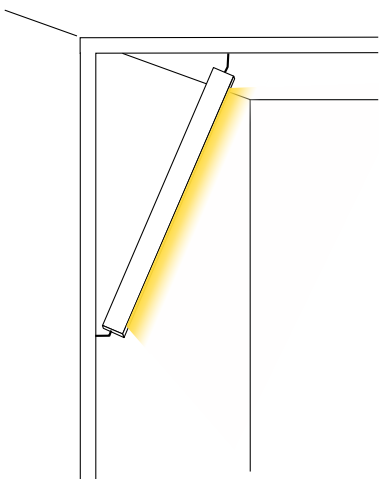


The luminaire can be locked straight into the course of a track or at an angle, e.g. across a corner in two tracks.

The light is always controlled via Casambi.
 Select the colour temperature.
 Beam angle approx. 120°
 Can be swivelled and rotated 360°, hide adapter
 Nichia LED: CRI: > 90 and R9 > 50






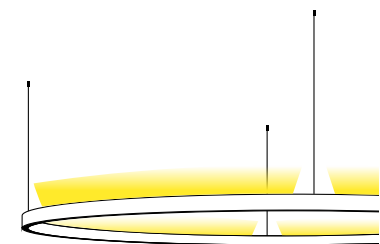
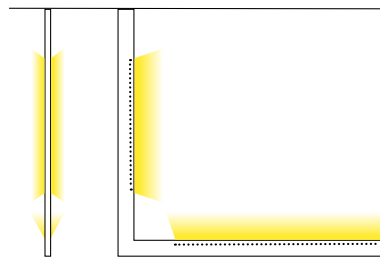
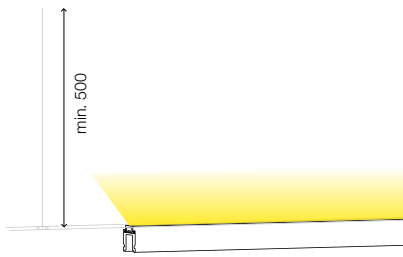
Length wattage / flux	Colour	Article no.	Colour temperature		€ Euro
			2700 K	3000 K	
620 mm 25 W / 1800 lm	alumatt	48-51251 a +	...-27	...-30	748,00
	white	48-51251 w +	...-27	...-30	
	black	48-51251 b +	...-27	...-30	
	bronze	48-51251 c +	...-27	...-30	
820 mm 33 W / 2400 lm	alumatt	48-51351 a +	...-27	...-30	869,00
	white	48-51351 w +	...-27	...-30	
	black	48-51351 b +	...-27	...-30	
	bronze	48-51351 c +	...-27	...-30	





Sense System In48,
the track extended using a 90° angle connector
to connect to Pend48 with Ninety-Five S
luminaire and Led Line uplight

Design: buschfeld Design






led line uplight

project-related luminaire system: pend48, rondo48

Led Line is an uplight module and available in different standard dimensions. It is custom made for projects and pre-installed in our pendant mounted track, or in the Rondo ring-shaped chandelier. Led Line functions as an uplight and is only for application in the upper channel.

In order to be able to make you a detailed offer, we would ask you to send us:

- a **sketch** indicating the layout of the track
- incl. **marks for Led Line** within the lighting system
- Let us know if you prefer a **visible or a concealed power supply unit** (48 V DC).

- operating voltage: 48 V DC
- Nichia LED
- Energy efficiency class: F
- beam angle 120°
- lifespan: > 60.000 h

4 options:

- colour temperature: **2200 K**
- power: ~ 29 W/m
- flux: 3315 lm/m
- luminous efficacy: 115 lm/W
- CRI: > 80

- colour temperature: **2700 K**
- power: ~ 38 W/m
- flux: 3000 lm/m
- luminous efficacy: 79 lm/W
- CRI: > 90 and R_g > 50

- colour temperature: **3000 K**
- power: ~ 38 W/m
- flux: 3000 lm/m
- luminous efficacy: 79 lm/W
- CRI: > 90 and R_g > 50

- colour temperature: **4000 K**
- power: ~ 29 W/m
- flux: 3750 lm/m
- luminous efficacy: 130 lm/W
- CRI: > 90 and R_g > 50

You can reach us by mail at info@buschfeld.de

luminaires not dimmable,
without lighting control

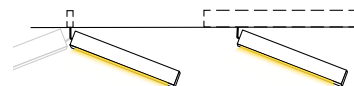
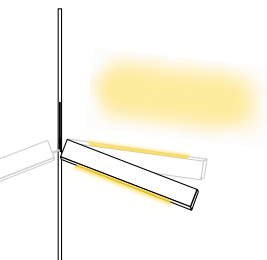
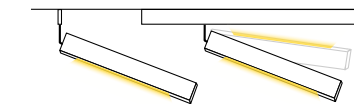
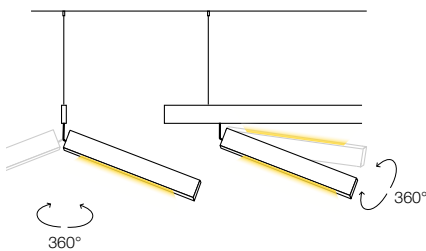
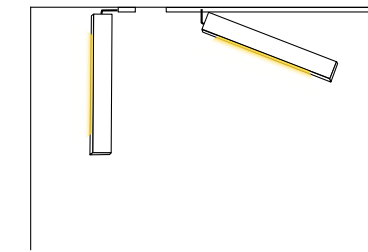
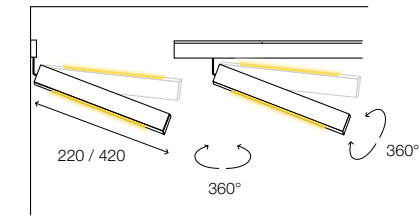


leaf20 basic | leaf40 basic

Linear luminaire system: wall48, pend48, ceiling48, in48, steel48, tri48 floor

without individual lighting control - dimming option as group on request
 Leaf as a short, movable, linear luminaire for installation on the inner track conductor side.

Select the colour temperature.
 Beam angle approx. 120°
 Can be swivelled and rotated 360°, hide adapter
 Nichia LED: CRI: > 90 and R9 > 50



Length wattage / flux	Colour	Article no.	Colour temperature		€ Euro
			2700 K	3000 K	
220 mm 9 W / 600 lm	alumatt	48-51050 a +	...-27	...-30	298,00
	white	48-51050 w +	...-27	...-30	
	black	48-51050 b +	...-27	...-30	
	bronze	48-51050 c +	...-27	...-30	
420 mm 17 W / 1200 lm	alumatt	48-51150 a +	...-27	...-30	349,00
	white	48-51150 w +	...-27	...-30	
	black	48-51150 b +	...-27	...-30	
	bronze	48-51150 c +	...-27	...-30	

Design: buschfeld Design

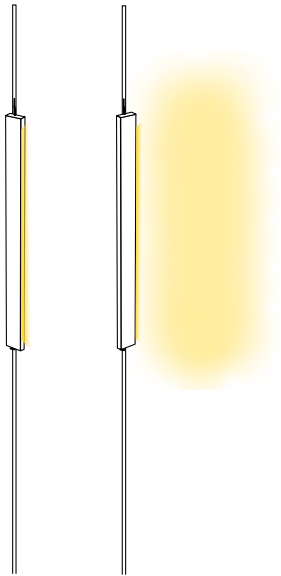
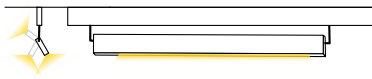
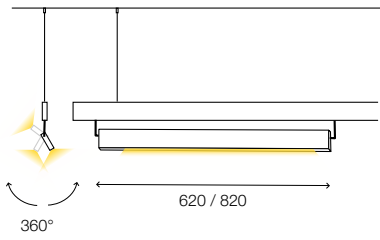


leaf60 basic | leaf80 basic

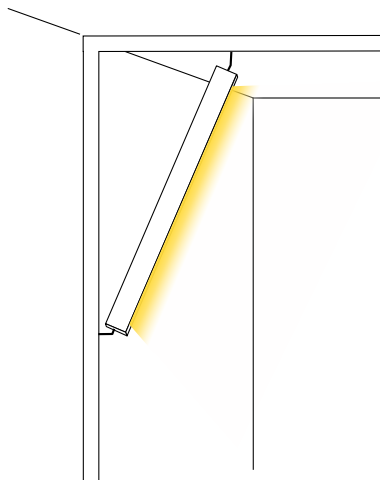
Linear luminaire system: pend48, ceiling48, in48, steel48, tri48 floor

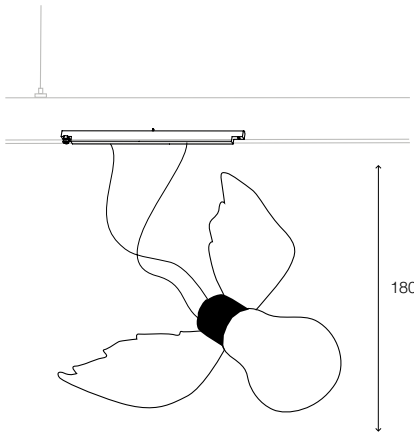
without individual lighting control - dimming option as group on request
The luminaire can be locked straight into the course of a track or at an angle, e.g. across a corner in two tracks.

Select the colour temperature.
Beam angle approx. 120°
Can be swivelled and rotated 360°, hide adapter
Nichia LED: CRI: > 90 and R9 > 50



Length wattage / flux	Colour	Article no.	Colour temperature		€ Euro
			2700 K	3000 K	
620 mm 25 W / 1800 lm	alumatt	48-51250 a +	...-27	...-30	579,00
	white	48-51250w +	...-27	...-30	
	black	48-51250 b +	...-27	...-30	
	bronze	48-51250 c +	...-27	...-30	
820 mm 33 W / 2400 lm	alumatt	48-51350 a +	...-27	...-30	699,00
	white	48-51350 w +	...-27	...-30	
	black	48-51350 b +	...-27	...-30	
	bronze	48-51350 c +	...-27	...-30	





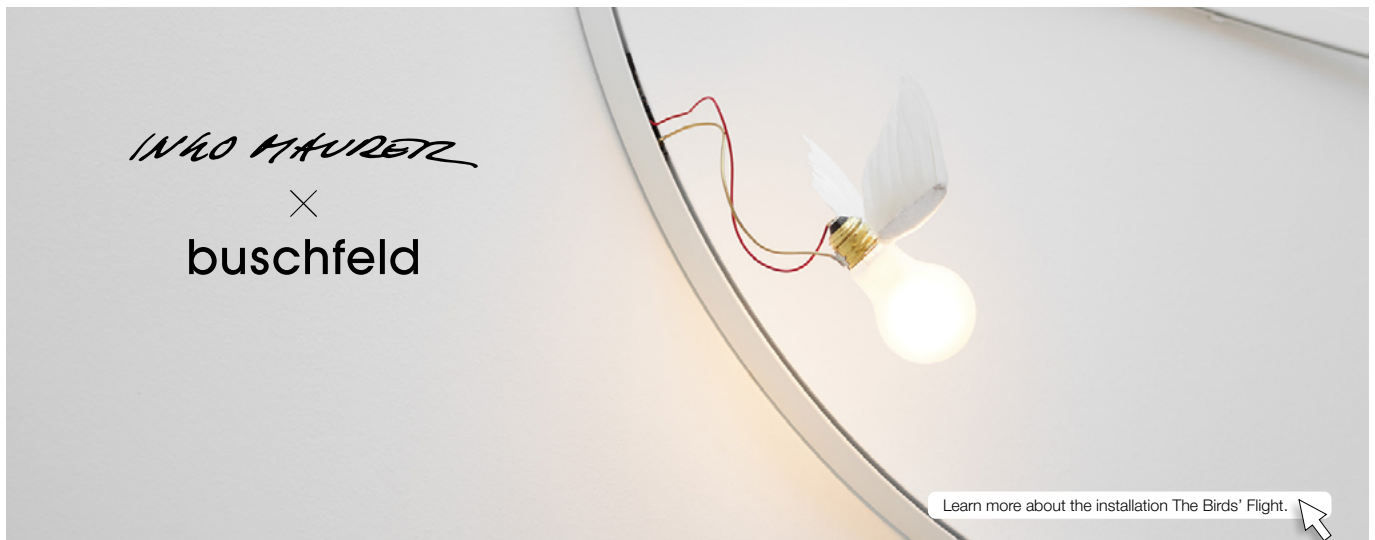


Lucellino for buschfeld

Luminaire "Lucellino" for pend48, ceiling48, in48, wall48

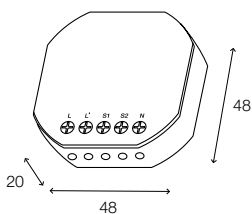
The "Lucellino for Buschfeld" is an original from the company Ingo Maurer GmbH and for custom designs with Buschfeld lighting tracks with the hide adapter and 48V DC on/off track driver. The light bulb with its handmade goose feather wings embodies the characteristics that define Ingo Maurer: Poetry, humour and technology.

- LED: 1.5 W; 100 lm; 2700 K; CRI > 85;	article no.	€ Euro
- 15,000 h; EEC A+		
-  without lighting control	48-32600	337,00
-  dimmable as a group on request		



Casambi switching relay

controlled via Casambi



includes two functions:

1. The relay can meet the requirements of the Ecodesign Directive. It switches the operating device completely voltage-free in order to reduce the standby power loss in the sense of the ERP directive EU 2019/2020. Due to its high load, it is suitable - independently of our Sense system - for e.g. switching non-dimmable electrical devices on and off, suitable for loads up to 3000 VA - 13 A.

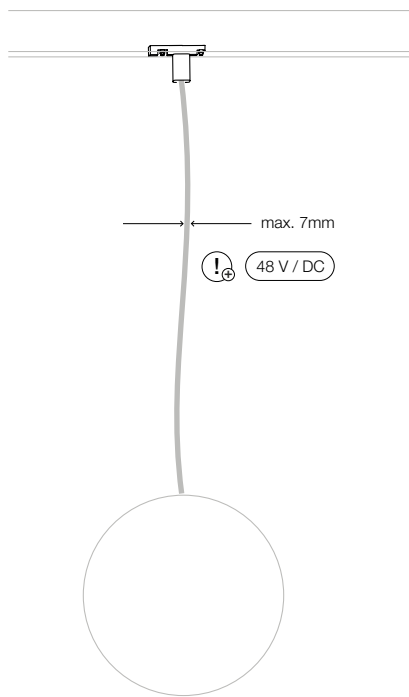
2. Combined with a conventional push-button, the Casambi unit also offers the option of connecting 1 or 2 freely configurable push-buttons that can be used freely in the Casambi interface for luminaire / group / scene / relay etc.

- can be combined with all commercially available push-buttons (spring-back)	article no.	€ Euro
- 47.5 x 47.5 x 20 mm	97919	149,00

buschfeld universal-luminaire adapter, 7 mm

Connection for 48 V lights from other manufacturers for pend48, ceiling48, in48

Adapter for 48 V DC pendant lights from other manufacturers with cable.
Connectable cable max. 7 mm outer diameter (e.g. textile cable)



- 48 V DC is mandatory
- screw connection of the luminaire cable on-site to terminals in the connection block

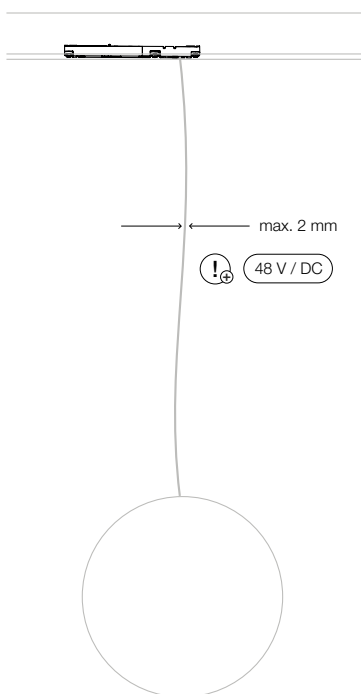
article no. € Euro

- 48-91143 104,00
- 48-91144
- 48-91145
- 48-91146

buschfeld universal-luminaire adapter, 2 mm

Connection for 48 V lights from other manufacturers for pend48, ceiling48, in48

Adapter for 48 V DC pendant lights from other manufacturers with cable.
Connectable cable max. 2 mm outer diameter (e.g. coaxial cable)



- 48 V DC is mandatory
- Direct connection to the contact board in the adapter

article no. € Euro

- 48-91142 104,00

Design: buschfeld Design
CE
Interrek

control gear 48 V

overview

design control gear

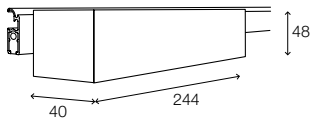
	article no.	Wall48	Ceiling48	Pend48	In48
Box Wall48 90	48-90610	•			
Bigbox Wall48 150	48-90626	•			
Bigbox Wall48 320	48-90627	•			
Power Wall48 250	48-90628	•			
Box Pend/Ceiling48 90	48-90635		•	•	
Bigbox Pend/Ceiling48 150	48-90636		•	•	
Bigbox Pend/Ceiling48 320	48-90637		•	•	
Power Pend/Ceiling48 250	48-90638		•	•	
Steel48 Floor					
Steel48 Floor Led Line					
Tri48 Floor					

concealed control gear

	article no.	Wall48	Ceiling48	Pend48	In48
Tronic90 48 V	48-90115	•	•	•	•
MW150 48 V	48-90143	•	•	•	•
MW320 48 V	48-90114	•	•	•	•
MW480 48 V	48-90196	•	•	•	•
MW600 48 V	48-90187	•	•	•	•

max. permitted system length	possible number of luminaires with light control		
	Ninety-Five 20 W	Fifty 15 W	Thirty-Five 8,8 W
15 m	1 - 4	1 - 6	1 - 10
15 m	1 - 7	1 - 9	1 - 15
15 m	1 - 15	1 - 20	1 - 34
15 m	1 - 10	1 - 14	1 - 24
15 m	1 - 4	1 - 6	1 - 10
15 m	1 - 7	1 - 9	1 - 15
15 m	1 - 15	1 - 20	1 - 34
15 m	1 - 10	1 - 14	1 - 24
	1 - 7	1 - 9	1 - 15
	1 - 4	1 - 5	1 - 9
	1 - 11	1 - 14	1 - 25

max. permitted system length	possible number of luminaires with light control		
	Ninety-Five 20 W	Fifty 15 W	Thirty-Five 8,8 W
15 m	1 - 4	1 - 6	1 - 10
15 m	1 - 7	1 - 9	1 - 15
15 m	1 - 15	1 - 20	1 - 34
15 m	1 - 24	1 - 32	1 - 54
15 m	1 - 30	1 - 40	1 - 70

**box wall48 | 90**

power supply unit system: wall48

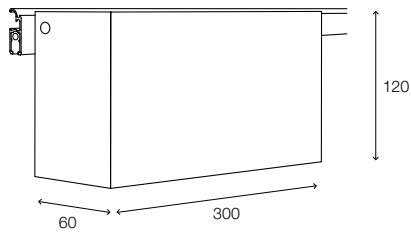
- PRI: 220-240 V AC | SEC: 48 V DC | 90 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 0.5 kg

article no. € Euro

- 48-90610 a 401,00
- 48-90610 w
- 48-90610 b
- 48-90610 c

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 4
Fifty	(15 W)	1 - 6
Thirty-Five	(8,8 W)	1 - 10

**bigbox wall48 | 150**

power supply unit system: wall48

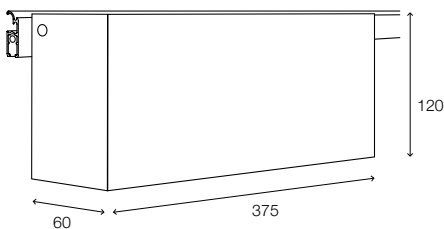
- PRI: 90-305 V AC or 127-431 V DC
- SEC: 48 V DC | 150 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- incl. 0.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 2.2 kg

article no. € Euro

- 48-90626 a 486,00
- 48-90626 w
- 48-90626 b
- 48-90626 c

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 7
Fifty	(15 W)	1 - 9
Thirty-Five	(8,8 W)	1 - 15

**bigbox wall48 | 320**

power supply unit system: wall48

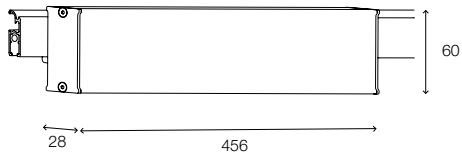
- PRI: 90-305 V AC or 127-431 V DC
- SEC: 48 V DC | 320 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- incl. 0.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 3 kg

article no. € Euro

- 48-90627 a 561,00
- 48-90627 w
- 48-90627 b
- 48-90627 c

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 15
Fifty	(15 W)	1 - 20
Thirty-Five	(8,8 W)	1 - 34

**power wall48 | 250**

power supply unit system: pend48, ceiling48

- PRI: 220-240 V AC | SEC: 48 V DC | 250 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- incl. 0.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 1.2 kg

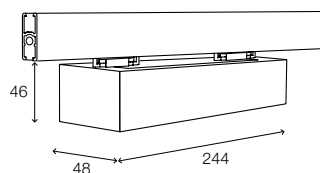
article no. € Euro

- 48-90728 a 561,00
- 48-90728 w
- 48-90728 b
- 48-90728 c

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 10
Fifty	(15 W)	1 - 14
Thirty-Five	(8,8 W)	1 - 24

WARNING: Fire hazard - very slow overload indicator! Do not exceed the recommendation regarding the maximum number of luminaires, or 85% of the rated power.

**box pend/ceiling48 | 90**

switching power supply system: pend48, ceiling48

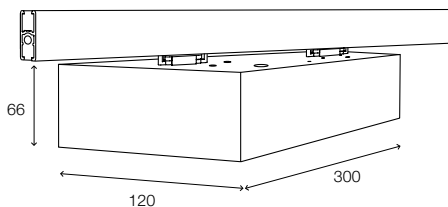
- PRI: 220 - 240 V AC | SEC: 48 V DC | 90 W
- switching power supply in a design housing
- with integral short circuit, overheating and overload protection
- incl. 1.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 0.5 kg

article no. € Euro

-  48-90635 a 401,00
-  48-90635 w
-  48-90635 b
-  48-90635 c

- number of luminaires per control gear




Ninety-Five	(20 W)	1 - 4
Fifty	(15 W)	1 - 6
Thirty-Five	(8,8 W)	1 - 10

**bigbox pend/ceiling48 | 150**

switching power supply system: pend48, ceiling48

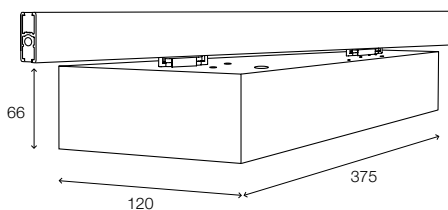
- PRI: 90-305 V AC or 127-431 V DC
- SEC: 48 V DC | 150 W
- switching power supply in a design housing
- with integral short circuit, overheating and overload protection
- incl. 1.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 2.2 kg

article no. € Euro

-  48-90636 a 486,00
-  48-90636 w
-  48-90636 b
-  48-90636 c

- number of luminaires per control gear





Ninety-Five	(20 W)	1 - 7
Fifty	(15 W)	1 - 9
Thirty-Five	(8,8 W)	1 - 15

**bigbox pend/ceiling48 | 320**

switching power supply system: pend48, ceiling48

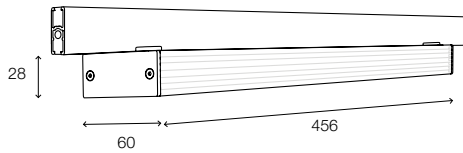
- PRI: 90-305 V AC or 127-431 V DC
- SEC: 48 V DC | 320 W
- switching power supply in a design housing
- with integral short circuit, overheating and overload protection
- incl. 1.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 3 kg

article no. € Euro

-  48-90637 a 561,00
-  48-90637 w
-  48-90637 b
-  48-90637 c

- number of luminaires per control gear





Ninety-Five	(20 W)	1 - 15
Fifty	(15 W)	1 - 20
Thirty-Five	(8,8 W)	1 - 34

**power pend/ceiling48 | 250**

switching power supply system: pend48, ceiling48

- PRI: 220 - 240 V AC | SEC: 48 V DC | 250 W
- switching power supply in a design housing
- with integral short circuit, overheating and overload protection
- incl. 1.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 1.2 kg

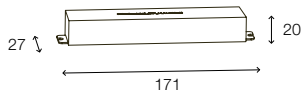
article no. € Euro

	48-90638 a	561,00
	48-90638 w	
	48-90638 b	
	48-90638 c	

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 10
Fifty	(15 W)	1 - 14
Thirty-Five	(8,8 W)	1 - 24

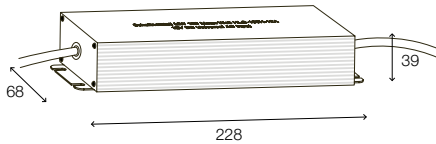
WARNING: Fire hazard - very slow overload indicator! Do not exceed the recommendation regarding the maximum number of luminaires, or 85% of the rated power.



tronic 90 | 48 V

power supply unit system: wall48, pend48, ceiling48, in48, rondo48

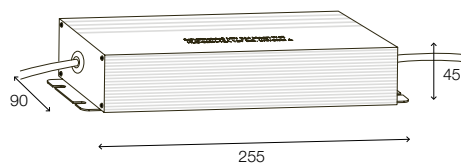
- PRI: 230 V | SEC: 48 V DC | 90 W
 - for recessed mounting
 - with integral short circuit, overheating and overload protection
 - for secondary track lengths of up to 15 m
 - 171 x 27 x 20 mm
 - 0.35 kg
- | | | |
|--|-------------|--------|
| | article no. | € Euro |
| | 48-90115 | 196,00 |
-
- number of luminaires per control gear
- | | | |
|---------------------|--|--------|
| Ninety-Five (20 W) | | 1 - 4 |
| Fifty (15 W) | | 1 - 6 |
| Thirty-Five (8,8 W) | | 1 - 10 |



MW150 | 48 V

power supply unit system: wall48, pend48, ceiling48, in48, rondo48




- PRI: 90-305 V AC or 127-431 V DC
 - SEC: 48 V DC | 150 W
 - for recessed mounting
 - with integral short circuit, overheating and overload protection
 - for secondary track lengths of up to 15 m
 - 228 x 68 x 39 mm
 - 1.15 kg
- | | | |
|--|-------------|--------|
| | article no. | € Euro |
| | 48-90143 | 233,00 |
-
- number of luminaires per control gear
- | | | |
|---------------------|--|--------|
| Ninety-Five (20 W) | | 1 - 7 |
| Fifty (15 W) | | 1 - 9 |
| Thirty-Five (8,8 W) | | 1 - 15 |



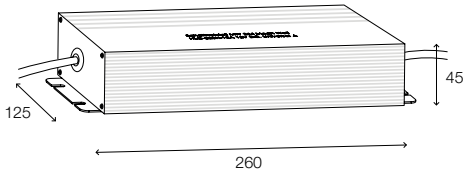
MW320 | 48 V

power supply unit system: wall48, pend48, ceiling48, in48, rondo48

- PRI: 90-305 V AC or 127-431 V DC
 - SEC: 48 V DC | 320 W
 - for recessed mounting
 - with integral short circuit, overheating and overload protection
 - for secondary track lengths of up to 15 m
 - 255 x 90 x 45 mm
 - 1.9 kg
- | | | |
|--|-------------|--------|
| | article no. | € Euro |
| | 48-90114 | 320,00 |
-
- number of luminaires per control gear
- | | | |
|---------------------|--|--------|
| Ninety-Five (20 W) | | 1 - 15 |
| Fifty (15 W) | | 1 - 20 |
| Thirty-Five (8,8 W) | | 1 - 34 |

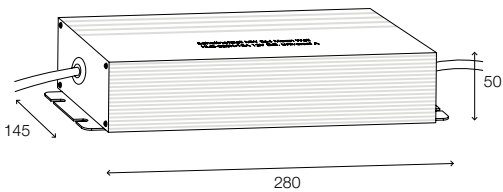
 Design: buschfeld Design



MW480 | 48 V

power supply unit system: wall48, pend48, ceiling48, in48, rondo48

- PRI: 90-305 V AC or 127-431 V DC
 - SEC: 48 V DC | 480 W
 - for recessed mounting
 - with integral short circuit, overheating and overload protection
 - for secondary track lengths of up to 15 m
 - 260x125x45 mm
 - 2.8 kg
- | | article no. | € Euro |
|---|-------------|--------|
| - number of luminaires per control gear | | |
| Ninety-Five (20 W) | 1 - 54 | |
| Fifty (15 W) | 1 - 32 | |
| Thirty-Five (8,8 W) | 1 - 24 | |



MW600 | 48 V

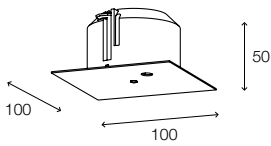
switching power supply system: wall48, pend48, ceiling48, in48, rondo48

- PRI: 90-305 V AC or 127-431 V DC
 - SEC: 48 V DC | 600 W
 - for recessed mounting
 - with integral short circuit, overheating and overload protection
 - for secondary track lengths of up to 15 m
 - 280x145x50 mm
 - 4 kg
- | | article no. | € Euro |
|---|-------------|--------|
| - number of luminaires per control gear | | |
| Ninety-Five (20 W) | 1 - 30 | |
| Fifty (15 W) | 1 - 40 | |
| Thirty-Five (8,8 W) | 1 - 70 | |






connecting cables

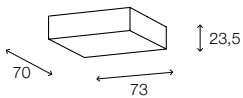
	article no.	€ Euro
transparent, silver supplied with 4 cable end sleeves		
2x2,5 mm ² , running metre	90525	15,00
2x4 mm ² , running metre	90520	17,00
2x6 mm ² , running metre	90500	18,00



recessed canopy for power feed by cable




for LV cable connection or
HV mains connection,
cover plate 100x100
depth 50
diameter 74




	article no.	€ Euro
	93510	59,00
	93517	
	93518	

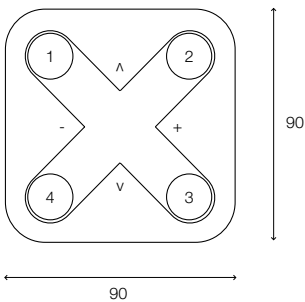
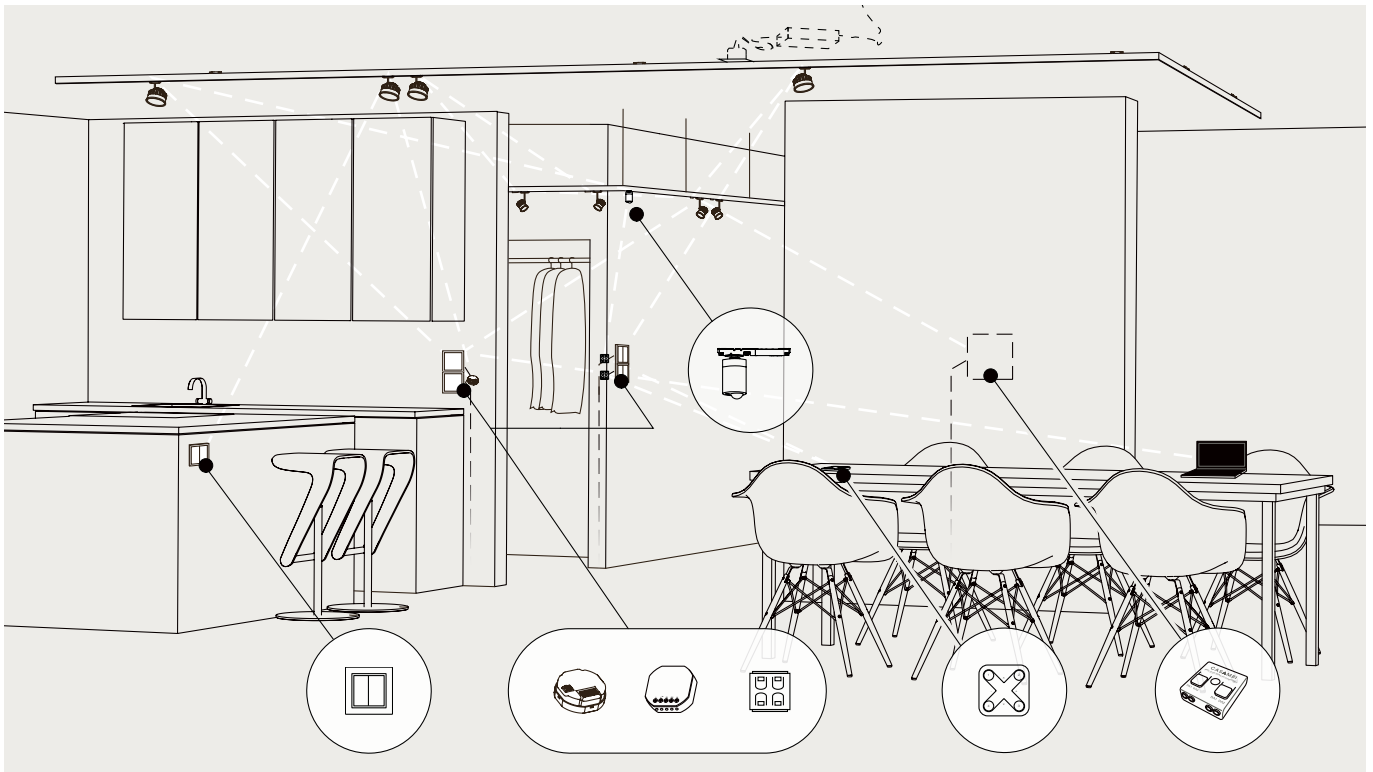


surface-mounted canopy for power feed by cable

for LV cable connection or
HV mains connection,
70x73x23,5

	article no.	€ Euro
	93500	59,00
	93537	
	93538	




 Design: buschfeld Design



Casambi Xpress wireless wall switch

controlled via Casambi

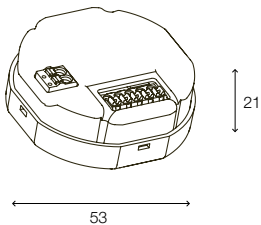
- wall bracket for fixed mounting
- Xpress control panel can be attached via magnet
- 2 push button dimming switches,
- 2 multifunctional buttons (configurable)
- wireless standard 2.4 GHz
- coverage to first mesh-enabled spotlight: 10 m indoor, 50 m outdoors
- battery-operated using a CR2430 battery (2 - 5 years battery service life)
- 90 x 90 x 12 mm
- for up-to-date information, visit www.casambi.com

article no. € Euro

○ 97908 w 239,00

● 97908 b

CASAMBI



SC-Ti-CAS push-button module, for flush-mounting behind a conventional push-button wall switch

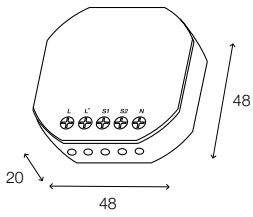
controlled via Casambi

- for mounting behind a conventional switch
- up to 4 potential-free switches connectable
- coverage to first mesh-enabled spotlight: 10 m indoors, 100 m outdoors
- controlled via Casambi
- Ø 53 x 21 mm
- The device is automatically identified by the Casambi app and can be integrated into a preexisting network. The switching can be configured via the Casambi app. Operated on mains supply, the device can be built into a flush-mounted socket.

article no. € Euro

97918 190,00

CASAMBI



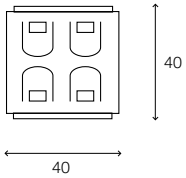
CASAMBI

Casambi switching relay

controlled via Casambi

- 2 functions:
 1. The relay can meet the requirements of the Ecodesign Directive. It switches the operating device completely voltage-free in order to reduce the standby power loss in the sense of the ERP directive EU 2019/2020. Due to its high load, it is suitable - independently of our Sense system - for e.g. switching non-dimmable electrical devices on and off, suitable for loads up to 3000 VA - 13 A; a physical connection to the operating device is required
 2. Combined with a conventional push-button, the Casambi unit also offers the option of connecting 1 or 2 freely configurable push-buttons that can be used freely in the Casambi interface for luminaire / group / scene / relay etc.
- can be combined with all commercially available push-buttons (spring-back)
- 47.5 x 47.5 x 20 mm

article no.	€ Euro
97919	149,00



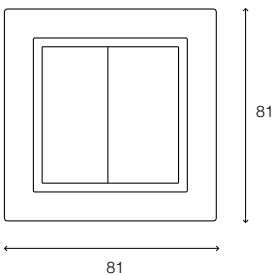
CASAMBI

transmitter module PTM 215B for installation in wireless switches

controlled via Casambi

- for installation in EnOcean switch mounting kits for a variety of switch manufacturers
- 4 assignable switches
- device configuration via NFC (ISO 14443) wireless standard 2.4 GHz, AES128 (CBC) authentication
- initial installation only possible with NFC-enabled end devices (for iPhones: the centre of the button must be positioned at the very top of the iPhone because the NFC interface is located there)
- coverage to first mesh-enabled spotlight: 10 m indoor, 100 m outdoors
- battery-free thanks to Kinetic Energy Harvesting
- 40 x 40 x 11.2 mm
- is applied in mounting kits that are not supplied with a wireless module: e.g. Gira mounting kit, EnOcean wireless wall-mounted transmitter 2-channel, System 55, Gira 8232 -03, -26, -27 and -28 or as an exchange module for EnOcean wireless wall-mounted transmitters with an integrated module from the PTM 21x range

article no.	€ Euro
97914	70,00



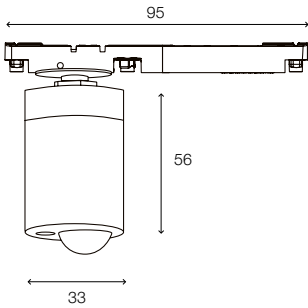
CASAMBI

double rocker wall switch Easyfit, white wireless standard

controlled via Casambi

- can be screwed or glue-mounted onto walls
- 81 x 81 x 14 mm
- 4 assignable switches
- device configuration via NFC (ISO 14443) BLE standard 2.4 GHz, AES128 (CBC) authentication
- initial installation only possible with NFC-enabled end devices (for iPhones: the centre of the button must be positioned at the very top of the iPhone because the NFC interface is located there).
- coverage to first mesh-enabled spotlight: 10 m indoor, 100 m outdoors
- battery-free thanks to Kinetic Energy Harvesting
- can be integrated in the cover frame of various switch ranges
- Please contact us for information on the switch ranges available.

article no.	€ Euro
97912	161,00



CASAMBI

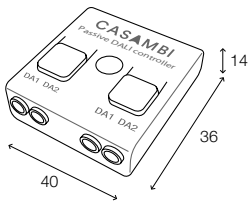
Casambi motion detector

motion detector with buschfeld hide adapter

- 48 V DC / max 0,4 W
- coverage white or black
- with adapter hide
- for application in Buschfeld pend48, ceiling48 oder in48 track
- range 5 m, angle max 100° horizontal, 64 detection zones
- setup via Casambi App: switch-on times, twilight settings of light sensor
- Ø 33 x 56 mm

article no. € Euro

- 90150 w auf Anfrage/
 on request
- 90150 b



CASAMBI

DALI-Casambi Gateway

for integrating Casambi luminaires into a DALI bus

- DALI on Casambi, CBU-DCS
- Gateway can only be operated in the Evolution network
- pro Casambi Leuchte wird eine DALI-Adresse belegt, dies entspricht max 64 Casambi Leuchten pro DALI-Bus / Gateway
- one DALI address is assigned per Casambi luminaire, which corresponds to a maximum of 64 Casambi luminaires per DALI bus / gateway
- 40.4 x 36.3 x 14.0 mm

article no. € Euro

97917 134,00

<

Individual

individualised lighting design

Architecture and spatial layouts can be extremely complex, and lighting requirements therefore often of an exceptional nature. Buschfeld lighting systems are highly flexible. Designed as modular systems, they lend themselves to the creation of appropriate, project-related solutions.

The track systems can be applied across the corners of a space, even combined vertically and horizontally. It is also possible to combine different systems.

Support and assistance

Buschfeld lighting systems provide you with far more combination options with regard to application, dimensions, colour and finishes than we can show you here.

We are happy to support you with your design ideas and planning. Just give us a call or send us an e-mail:

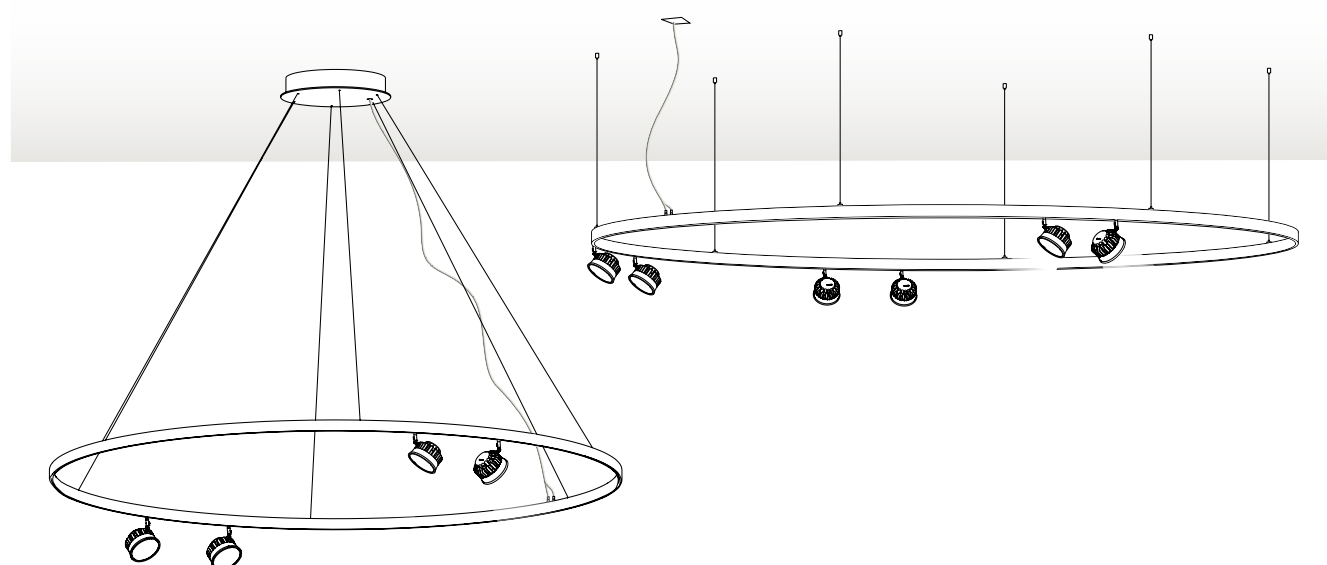
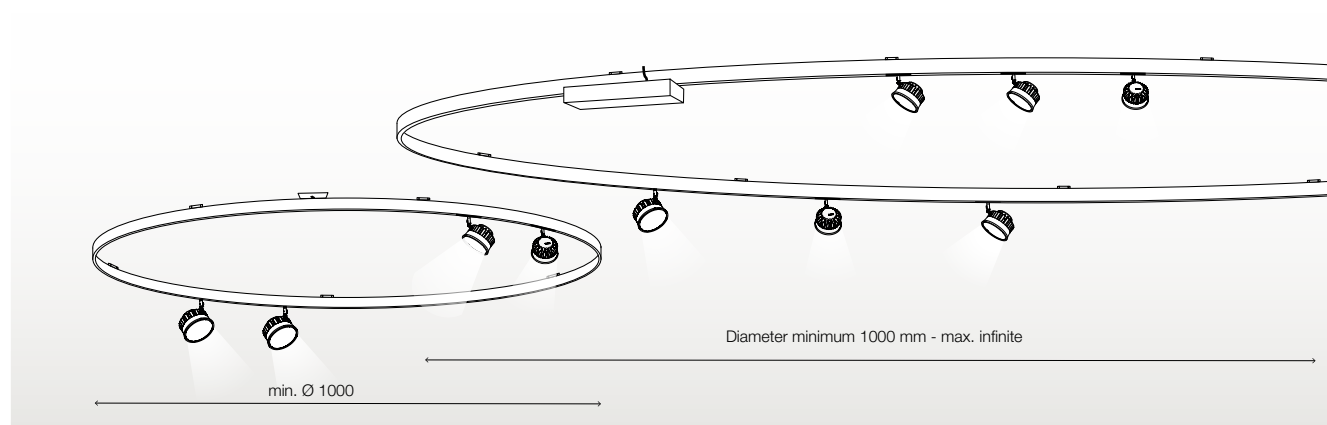
Tel.: +49 221 93764-0 info@buschfeld.de



rondo48 - ring-shaped luminaire

You want to design your own chandelier. Rondo48 is exactly the right modular low-voltage ring-shaped system you are looking for. Rondo48 is custom-made to suit your project, and based on our Pend and Ceiling track systems. The individual rings of a given chandelier can be suspended on the same or vertically on different levels, or mounted directly onto the ceiling. Or the chandelier can be suspended from a central ceiling rose or mounting module, if desired. Rondo48 is designed to take any of the luminaires in the Pend48 or Ceiling48 range.

The Led Line uplighter module can also be applied.



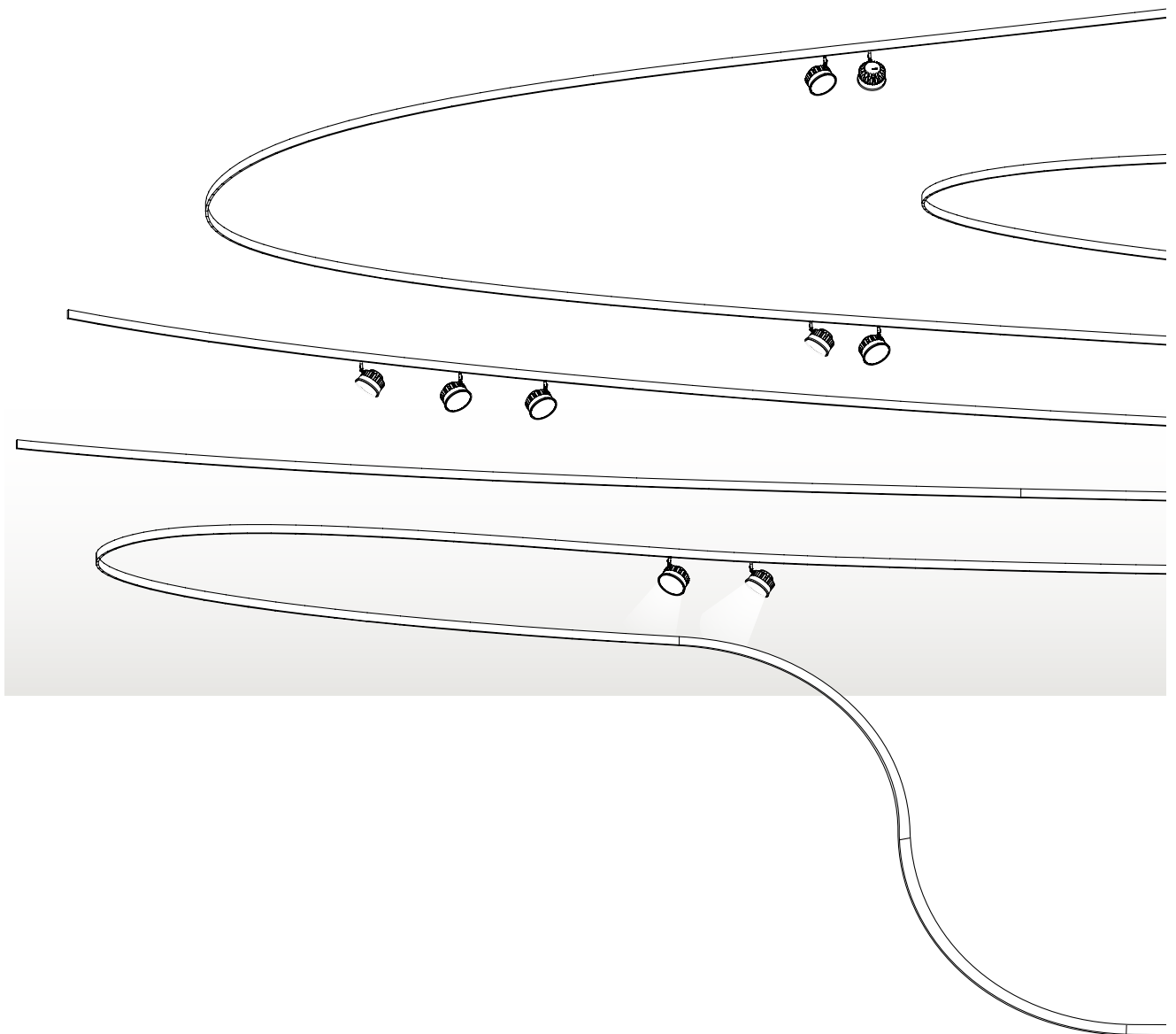
Rondo for Ceiling48 or Pend48
with concealed control gear and in design housing.

<https://buschfeld.de/en/how-it-works/88113>

freeform48 - custom shapes

It could not be easier to adapt a lighting solution to a particular spatial environment: free forms can be constructed from individual arch-shaped elements of different diameters (1000 mm minimum) and straight sections of track. Both pendant and ceiling-mounted versions are possible.

For the production of free-form shapes, we require a 1:1 plotted diagram. In this case too, the system is designed to take any of the luminaires from the Pend48 or Ceiling48 range.

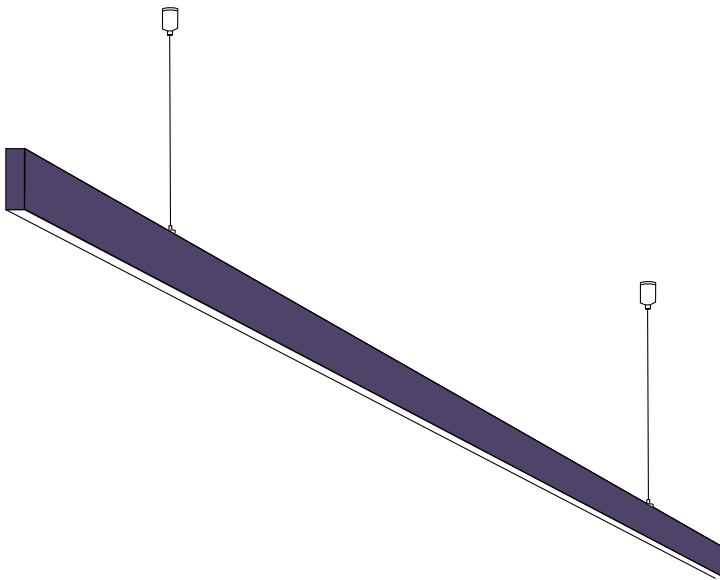


colour - custom colours

All lightlight track and shades can be supplied in custom colours to RAL or NCS standards.

This enables further design highlights within the interior space: by applying Sense System in bold colours you can focus attention on the lighting concept - whereas subtle colours render the track practically invisible.

Custom anodised colours or gold leaf finishes can also be realised on request!



<https://buschfeld.de/en/how-it-works/88107>





top left: Wall tracks and shades are subtly and perfectly tailored to the room ambiance.

top right: Individual shades or sections of tracks can be accentuated.

left: Custom colour collections can also be assembled upon request.

Sense System project document

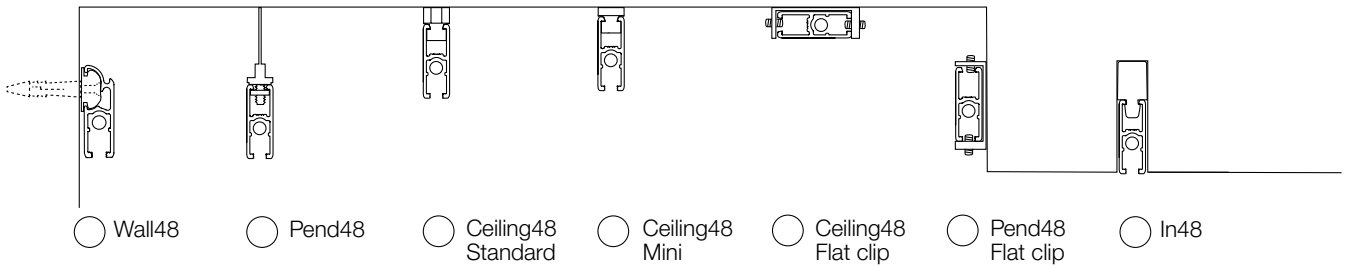
buschfeld Tel +49 221 93764-0 Fax -79 info@buschfeld.de www.buschfeld.de

contact

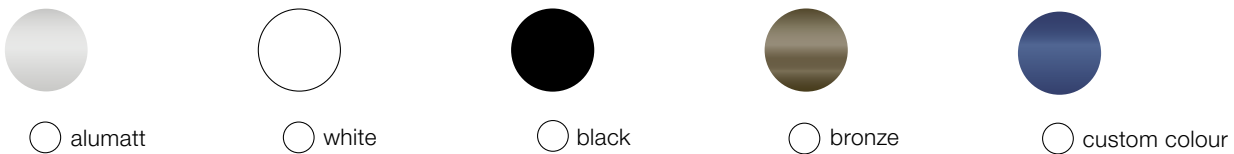
company: _____
 country: _____
 contact person: _____

project name: _____
 details (e.g. floor level): _____
 e-mail / tel. no: _____

system



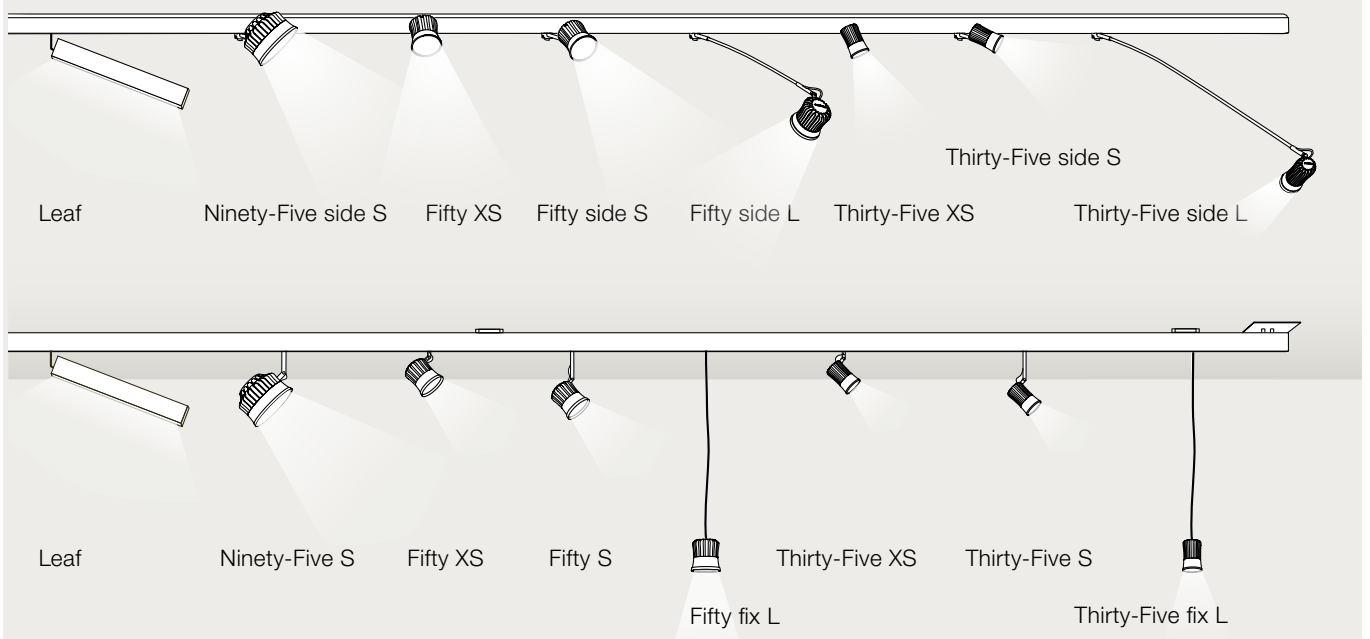
colour



control gear and position of power feed

- for visible mounting in a design housing on track (incl. adapter power feed)
- for concealed mounting - please indicate or sketch in the position of the required feed points.

luminaires



luminaires

quantity	name of luminaire	power	colour temperature	beam angle	shade	Soraa Snap Filter
pcs		W	K	°	yes / no	
pcs		W	K	°	yes / no	
pcs		W	K	°	yes / no	

sketch

Draw a sketch of the track layout, indicating measurements and dimensions.

Terms and conditions of business

General Terms and conditions of Buschfeld Design GmbH
Terms of sale and delivery relating to Buschfeld Design GmbH, Cologne
(hereinafter: Manufacturer) – as of 1st January, 2021.

I. General information

1. The general terms and conditions of business listed below (hereinafter Terms) apply exclusively. Other terms are only considered to be an integral part of the contract when the Manufacturer has expressly agreed to their validity in writing. In the course of transactions, the version of the terms and conditions of business prevailing on conclusion of the respective contract provide the basis for all future business.
2. All agreements made between the parties to the contract must be put down in writing. Purchase orders will only be dealt with when confirmed in writing. This also applies for purchase orders arranged through sales representatives and sales personnel. Confirmed orders deviating from originally agreed orders shall be treated as new offers. Any additions, amendments and sub-agreements made to orders already placed, or any agreements of promises of delivery made by the Manufacturer, only come into effect when confirmed in writing by the Manufacturer.

II. Offers and the documents inherent to offers

1. Offers are subject to change without notice, unless otherwise agreed.
2. Documents and data inherent to an offer, such as illustrations, drawings, weights and dimensions, are only approximately authoritative, unless expressly quoted as binding. Technical descriptions, explanations and specifications, as well as textual information describing how products work, do not constitute any legal warranties. Specific properties and qualities are only guaranteed when expressly confirmed in writing by the Manufacturer.
3. Deviations may occur in descriptive material and data provided in brochures, catalogues and other documents. Amendments may be made to the above as a result of technical progress. Such deviations or amendments do not afford anyone the right to hold claims against the Manufacturer.
4. The offer and any related documents may not be forwarded, published or copied, or used for any other than the agreed purpose without the permission of the supplier.
5. The Manufacturer may request all paperwork and documents related to an offer to be returned to sender.

III. Scale of the delivery – written confirmation

1. The confirmation of order contains the details of the scale of the delivery.
2. The Manufacturer is entitled to send partial shipments to the customer, and invoice for those partial shipments accordingly.
3. Samples shall only be shipped when expressly agreed with the Manufacturer. Such shipments shall also be invoiced.

IV. Prices

1. Unless otherwise agreed and recorded in the confirmation of order, all prices are quoted for shipment from the storage in Cologne, excluding postage and packing.
2. These prices are based on the manufacturing costs at conclusion of contract. In the case of long-term delivery arrangements, the Manufacturer is, however, entitled to request or demand prices be adjusted, should one or more of the following occur:
 - costs for materials required for manufacture increase
 - labour costs or incidental labour costs increase due to legal or pay scale adjustments
 - there is an increase in value added tax (VAT).

Should no agreement be reached within the framework of negotiations on amendments to contractually agreed prices, each of the parties to the contract is entitled to terminate the contract within three months to the end of a quarter. Termination of contract must be made in writing.

V. Payment

1. Unless otherwise agreed, payments shall be made without any deductions and free of transaction charges to the Manufacturer's designated account(s). Terms are as follows: 2 % cash discount within 14 days after date of invoice or net invoice amount within 30 days.
2. Invoices for repairs, mounting/installing, custom-made products, tools, development costs and models shall be paid immediately without any deductions. First-time deliveries are only affected against advance payment.
3. In the case of overdue payments, customary interest shall be calculated at 9 % (final customers 5 %) above the basic interest rate quoted by the Deutsche Bundesbank; the Manufacturer reserves the right to make further claims.
4. Bills of exchange and cheques are only accepted for payment under specifically agreed conditions. Should a bill of exchange be accepted, discount charges are calculated to the amount of 4 % above the respective main financing rate as quoted by the ECB. Payment effected by means of bills of exchange or cheques is only considered settled when the invoiced amount has been credited to our account.
5. The Purchasing Party is only granted the right to set-off costs if there are legally recognized reasons for counterclaims or are undisputed; right to refuse performance may only be asserted under the condition that any justified counterclaims are based on the same, contractual relationship.

VI. Delivery times

1. The delivery times quoted by the Manufacturer are not binding and require all technical issues to be clarified in advance – unless otherwise agreed in writing. An agreed delivery time commences once the confirmation of order has been sent, but not before the Purchasing Party has fulfilled all obligations. This applies in particular in the case of agreed advance payments.
2. The delivery time is regarded as being adhered to when the article of sale

has left the Manufacturer's plant before the delivery time has elapsed.

3. The delivery time may be extended due to unforeseen circumstances, irrespective of whether these occur in the Manufacturer's plant or through one of his suppliers, e.g. the unforeseen disruption of operations, lawfully recognized strikes, lock-outs, the non-punctual delivery of specific parts despite a due and timely order, as well as any other occurrences which are outside the control of the Manufacturer. The Manufacturer is obliged to inform the Purchasing Party in writing of the onset and conclusion of any such occurrences at his earliest possible convenience.

4. Should the Manufacturer establish that he cannot affect punctual delivery and the Purchasing Party can prove that this has given rise to damages, the Manufacturer is liable to pay compensation: for every completed week of non-delivery, this amounts to 0.5 %, but no more than 15 % max. of the value of that part of the goods to be delivered which, as a result of the delay in delivery, cannot be used opportunely. The same applies if the Purchasing Party can prove he has lost custom, or business is to be settled within a given time period in accordance with § 376 of the German Civil Code, and this is not possible because of the delay. In any case, the liability for damages is limited to the kind of foreseeable, typical damages that may occur.

The Purchasing Party is only entitled to further claims should the delay be due to wilful intent or gross negligence.

5. Should the Purchasing Party set the Manufacturer an equitable period of grace while threatening to otherwise refuse acceptance of delivery, after the latter has failed to deliver on time, the Purchasing Party is entitled to withdraw from the contract should the period of grace elapse for reasons that can be proven to be the fault of the Manufacturer. The Purchasing Party is only entitled to claim for damages for the Manufacturer's failure to perform within the scope of the kind of foreseeable, typical damages that may occur in the case of not wilful intent or gross negligence.

VII. Transfer of risk – acceptance of delivery

1. The services performed by the Manufacturer shall be considered received by the Purchasing Party on completion of the delivery of the ordered goods. This also applies in the case of partial performance.

2. On acceptance of the delivery, the risk is transferred to the Purchasing Party. Should the Purchasing Party be in default concerning the acceptance of the delivery, the risk is transferred to him at the point when the default occurs. The same applies when provision of services is interrupted at the fault of the Purchasing Party and the Manufacturer has entrusted the Purchasing Party with the services / delivery performed to date by mutual agreement.

3. Shipment is effected at the risk of the Purchasing Party, even under freight paid conditions. The Manufacturer is only liable for damage during delivery, if shipment is expressly effected at the Manufacturer's risk. Goods can only be insured against breakage at the request and at the cost of the Purchasing Party. A possible credit note covering the damage can only be issued if the Manufacturer has confirmation of coverage from the insurance company. The Manufacturer is not expected to assume any other obligations. Unless expressly agreed otherwise, shipments are not insured.

4. The goods delivered by the Manufacturer shall also be accepted by the purchasing partner in the case of minor defects.

5. Should the Purchasing Party be found responsible for default of acceptance, or should he not fulfil his obligation to cooperate, he is obliged, as of two weeks after notice of the Manufacturer's readiness for shipment, to cover any costs incurred by the Manufacturer for the storage of goods ready for dispatch to the amount of 0.5 % of the invoice amount for every month, unless he can prove to the Manufacturer that the damage did not occur at all or was significantly lower than the flat rate.

The Manufacturer reserves the right to make other claims, especially those resulting from §§ 373ff of a bilateral commercial transactions in the German Commercial Code. If the Purchasing Party fails to take action within a reasonable time, the Manufacturer is entitled to stage a self-help sale.

VIII. Reservation of property rights

1. All items to be delivered remain the property of the Manufacturer (contractor) until the invoice for products/services provided has been settled by the Purchasing Party.

2. Pursuant to section 4, for the duration of the reservation of property rights the Purchasing Party is not entitled to liquidate, give away, pawn or transfer the delivered goods to secure a debt.

3. In the case of seizure or attachment by third parties of the goods in reserve, the Manufacturer must be informed immediately in writing so that he can take legal action as per § 771 in the Code of Civil Procedure. Should the third party not be in a position to reimburse the costs incurred in and out of court related to legal action as per § 771 in the Code of Civil Procedure, the Purchasing Party shall be liable for the resulting damages.

4. Should the purpose of the delivery be the re-sale of the goods from a company or point of sale operated by the Purchasing Party, the Purchasing Party is obligated to reserve property rights vis-à-vis customers when re-selling. The rights and claims related to this reservation of property are hereby ceded by the Purchasing Party to the Manufacturer who accepts them, irrespective of whether the delivery item(s) have been resold with or without possible further processing.

5. In the case of delayed payment of the Purchasing Party, the Manufacturer is entitled to take back all delivered items. The acceptance of returned goods does not signify withdrawal from contract, unless this has been explicitly clarified in writing. After seizure, the purchased items are at the disposal of the Manufacturer to utilize, sell or exploit as desired. Proceeds can be offset against accounts payable by the Purchasing Party – after deduction of costs incurred in the exploitation process.

6. The Purchasing Party is obligated to take care when handling the purchased items. In particular, he is obligated to insure them adequately at replacement value against damage from fire and water, and against theft. Should

maintenance and inspection work be necessary, the Purchasing Party is required to have this performed in good time at his own expense.

7. Should the purchased items be processed together with other items not belonging to the Manufacturer before full payment has been affected, the Manufacturer shall acquire joint ownership of the new item(s) in relation to the value of the purchased item(s) (final invoice amount, incl. VAT) to the other item(s) that have been processed at the point in time when processing is undertaken. The same applies for the goods/items resulting from processing as for the purchased item(s) delivered under reserve.

8. Should the purchased item(s) be inseparably mixed with other items not belonging to the Manufacturer before full payment has been effected, the Manufacturer shall acquire joint ownership of the new item(s) in relation to the value of the purchased item(s) (final invoice amount, incl. VAT) to the additional items at the point in time when all the items are put inseparably together.

9. The Purchasing Party shall also assign any claims to secure accounts receivable by the Manufacturer, which are created against a third party by the combination of the purchased goods with real estate.

10. When required by the Purchasing Party, the Manufacturer is obligated to release the collaterals to the extent by which the realisable value of the collateral exceeds the receivables by more than 10 %; it rests with the Manufacturer to decide which collaterals are to be released.

IX. Liability

1. Claims relating to apparent defects are not recognized after delivery and acceptance of the goods.

2. The Purchasing Party is obligated to examine the accepted item(s) immediately for possible defects and, if a defect is found, to notify the manufacturer in written form without delay. If the customer fails to notify the Manufacturer, the goods are deemed to have been approved, unless there is a defect that could not be identified during the examination.

If such a defect appears later, the written notification must be made immediately after the discovery, otherwise the goods are considered to be approved even with regard to this defect.

3. Defects shall be communicated to the Manufacturer immediately in written form, whereby the Manufacturer is obligated to rectify the defect or replace the defect items or parts. The Manufacturer reserves the right to reduce the price if the repair fails or to withdraw from the contract at his choice.

4. If the goods are delivered to a place or town other than the place of business of the Manufacturer, the Purchasing Party shall bear all costs related to rectifying the defect or replacement of the defect items or parts.

5. Marginal deviations in dimensions and designs, especially in the case of repeat orders or subsequent requests for modification on the part of the Purchasing Party, which do not affect the usability of the products, shall be considered to be pursuant to the contract.

6. Any other claims for damages, contractual penalties or loss of profit shall remain unrecognized, unless they can be proven to be based on the deliberate or grossly negligent breach of contract on the part of the contractor or any one of his assistants or agents.

7. The above-mentioned liability limitations apply in the case of infringement of pre-contractual, contractual and post-contractual obligations, i.e. primary and secondary obligations, unless they conflict with any compulsory statutory provisions.

8. All claims against the Manufacturer, on whatever legal grounds, become invalid after a period of six months, unless they conflict with compulsory statutory provisions, Section 11 remains unaffected.

9. The Manufacturer is not liable for material damage to shipments procured from third parties and forwarded to the Purchasing Party unchanged. He is entitled to withdraw from the contract insofar as he has not received the delivery item(s) in spite of having previously concluded a general purchasing agreement; liability in the case of a deliberate or grossly negligent breach of contract remains unaffected. The Manufacturer shall inform the Purchasing Party immediately about non-punctual delivery of items and, should he wish to withdraw from the contract. Any consideration received shall be refunded forthwith.

10. No responsibility is accepted for damage resulting from inappropriate or improper application, faulty or defective installation or operation on the part of the Purchasing Party, or third parties working for or in the installation of the Purchasing Party or third parties, or resulting from normal wear and tear, defective or careless treatment, inappropriate operating resources, substitute materials, defective construction work, inappropriate support medium, or the effect of chemical, electrochemical or electrical substances or equipment, unless they can be proven to be the result of deliberate or gross negligent actions on the part of the Manufacturer. In the case of electric equipment: the regulations laid down by the association of German electrical engineers apply.

11. For new products supplied by the Manufacturer a statutory warranty period of two years applies. The warranty begins on the date the products are dispatched ex works in Cologne.

12. In the case of the data provided on the average lifespan of light sources, these are mean values. There is no guarantee that a light source will achieve at least this lifespan.

X. Rights of use, rights of third parties

1. On placing an order the Purchasing Party ensures that he personally, or his client, has the right of use for all image files and graphic material, and in particular photos, provided to the Manufacturer for processing or editing. The Purchasing Party is responsible for ensuring that authorising the Manufacturer to process the image files and graphic material provided complies with the applicable laws, in particular the laws governing copyright and trademarks, and does not infringe upon the rights of third parties.

2. The Purchasing Party shall indemnify the Manufacturer against all claims of third parties, which are filed against the Manufacturer due to the infringe-

ment of their rights in relation to the image files and graphic material used, in particular due to the infringement of copyright or trademark rights. The Purchasing Party also undertakes to pay the Manufacturer for any damages incurred.

3. In individual cases the Manufacturer reserves the right to subsequently refuse to accept orders which do not comply with legal stipulations or contradict accepted moral principles or standards.

4. Copyright and prohibition on exploitation

Contents and images contained on the Manufacturer's homepage are subject to German copyright law. Duplication, processing, distribution and any other form of utilisation requires the prior written consent of the Manufacturer. Downloads and copies of this homepage are not permitted. This applies in particular to all photos on the Manufacturer's homepage. To the best of the Manufacturer's knowledge, the rights of third parties were respected when creating the homepage. Should the Manufacturer be notified of any infringements in relation to the latter, the relevant contents will be removed from the Manufacturer's homepage immediately.

XI. Other liabilities

1. The warranty disclaimers listed in section VIII also apply for all other claims made by the Purchasing Party against the Manufacturer – irrespective of legal basis.

2. In all points listed above where the Manufacturer bears no, or limited, liability, this also applies in the case of claims lodged by the Purchasing Party against our staff / support staff / employees / agents / representatives.

XII. Place of Jurisdiction

1. The place of fulfilment for all obligations resulting from the contractual relationship is the business location of the contractor. Should a different place of fulfilment be agreed, the Purchasing Party is liable to cover all costs.

2. The contents of the contract and the relationship between the parties to the contract are exclusively subject to Federal German law. The application of the uniform law relating to the international purchase of moveable objects, as well as the law relating to the conclusion of international contracts of sale of moveable objects does not apply.

XIII. Assignment

All claims lodged against the Manufacturer are not transferrable without the written consent of the Manufacturer and may be exercised by the Purchasing Party only.

XIV. Severability clause

If any clause or part of this agreement shall for any reason be adjudged by a court of competent jurisdiction to be invalid, such judgement shall be limited and confined in its operation to the clause involved in the controversy.

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