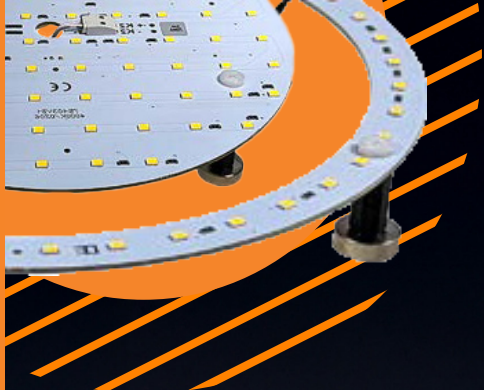




DREES
LICHTTECHNIK

More than just a ray of light - LFS & LFS Lights²

THE HEROES OF THE LIGHTING INDUSTRY



We give your old lights a second life

THE FUTURE IS NOW!

Lighting is crucial for efficiency and atmosphere in your room or company. Technical change and new legal requirements demand a switch to modern, sustainable and cost-efficient solutions. The right lighting not only ensures better lighting conditions, but also reduces energy costs and protects the environment.

With **LIGHTS²**, refurbishing your existing lighting systems is quick, efficient and uncomplicated. Thanks to state-of-the-art LED technology, you can easily bring your systems up to date - for significantly better energy efficiency and a sustainable lighting solution.

The **LFS**-standardised system also offers you the opportunity to implement new lighting concepts in compliance with standards. With its standardised interfaces and modular components, you can flexibly plan and install modern lighting systems - time-saving and future-proof.

Whether refurbishment or new project: **LIGHTS²** and **LFS** provide you with intelligent, efficient and standard-compliant lighting solutions.

We have combined the advantages of **LIGHTS²** and **LFS** to create our LFS LIGHTS², which not only offers refurbishers the usual functions, but also different beam characteristics.

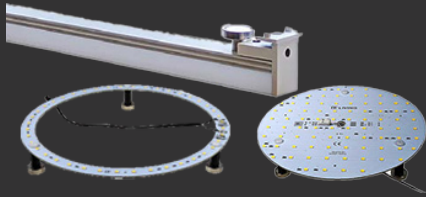


“Old light fades, new radiance illuminates.

- Patrick Neuhaus

Flexible LED refurbishment or lighting concept

OUR TOP 3 LIGHTING SOLUTIONS IN COMPARISON

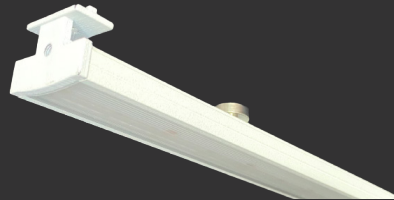


Conversion kit **LIGHTS²**

Round lights
Ring lights T5/T8
Linear luminaires T5/T8

Simple replacement in
the existing system

→ More on p. 14



Conversion kit Plus **LFS LIGHTS²**

Linear luminaires T5/T8
with light control

Simple replacement in
the existing system

→ More on p. 18



New equipment **LFS CONTACT**

Standardised replaceable
LED module incl. light control.

→ More on p. 31



LFS LIGHTS²

Refurbishment set LFS LIGHTS²

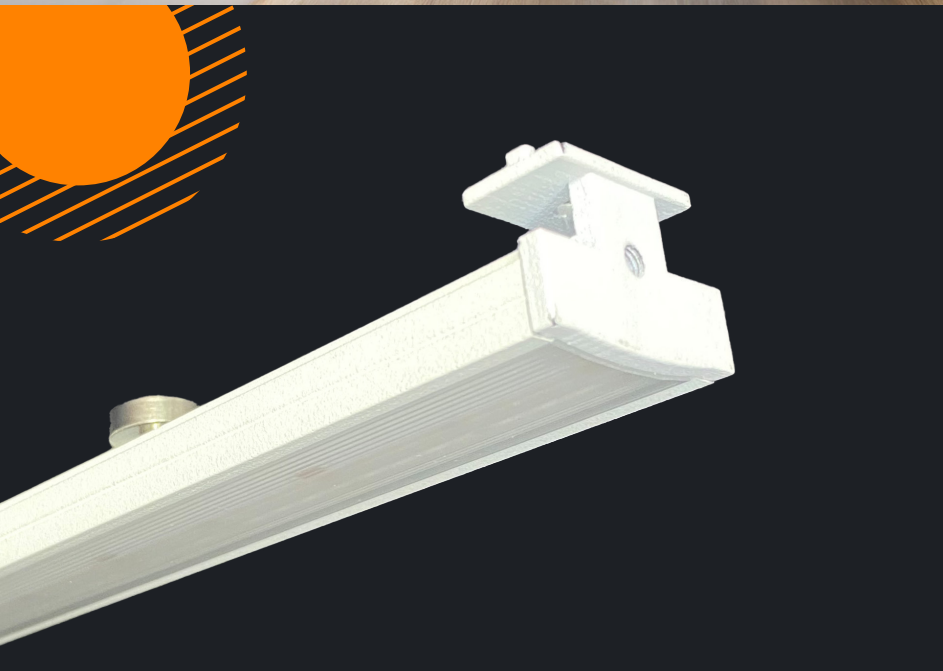
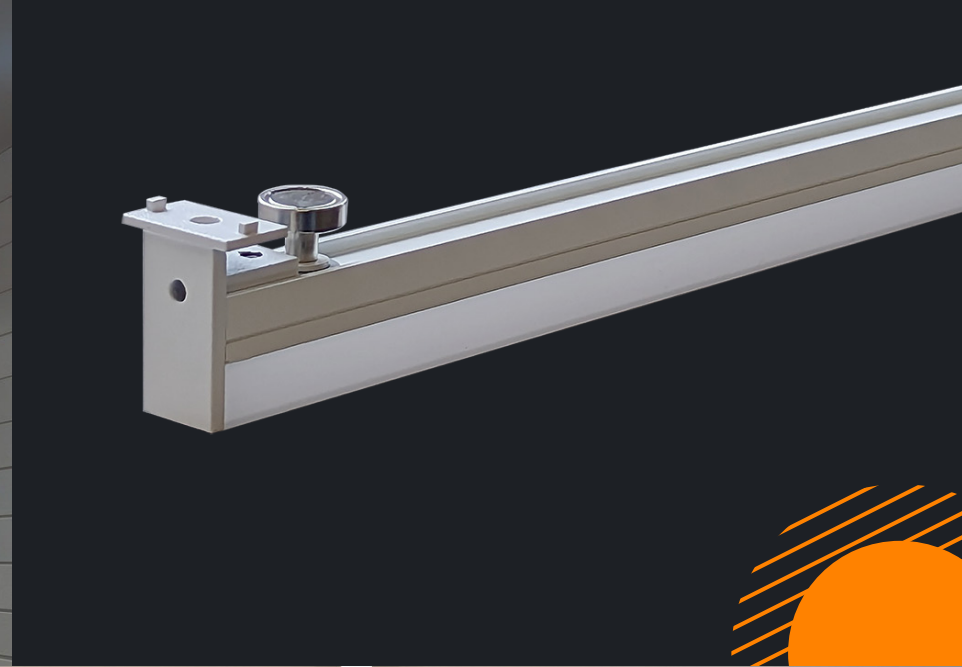
MODERNISE INSTEAD OF BUYING NEW

A completely new purchase is often very expensive and does not always fit in with the room concept. With our sophisticated refurbishment kits, the design is retained. This is because only outdated components are replaced and exchanged.

Our conversion kits offer an efficient, sustainable solution for modern lighting without unnecessary replacement.



LFS Lights²
single asymmetric 20°
light control



Lights²
without light control

Our product solutions

CONVERSION KIT LIGHTS²

There are several good reasons for not investing in completely new luminaires: In addition to the cost of replacing a complete luminaire, the ensemble in the existing room concept often plays a major role. With our specially developed conversion kits, only those luminaire components that need to be replaced are renewed. Below you will find an overview of our solutions:



LIGHTS² Round light

- Four standard sizes: Ø 148 - 308 mm in 3000 / 4000K, CRI>80 with up to 5000 lm
- Quick installation via magnet with 25 or 40 mm spacer and plug & play connector system
- Special solutions possible (Length, colour temperature, CRI, cable length)



LIGHTS² Ring light T5 / T8

- Two standard sizes: Ø 225 / 300 mm in 3000 / 4000 K, CRI>80 with up to 2850 lm
- Quick installation via magnet with 25 or 40 mm spacer and plug & play connector system
- Special solutions possible (Length, colour temperature, CRI, cable length)



LIGHTS² Linear light T5 / T8

- Twelve standard lengths: 569 - 1522 mm in 3000 / 4000 K, CRI>90 with up to 3300 lm
- Quick installation via magnet with spacer and plug & play connector system. Perfect fit for existing lampholder punchings
- Special solutions possible (Length, colour temperature, CRI, cable length)

Our product solutions

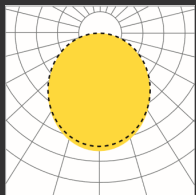
CONVERSION KIT LFS LIGHTS²

There are several good reasons for not investing in completely new luminaires: In addition to the cost of replacing a complete luminaire, the ensemble in the existing room concept often plays a major role. With our specially developed conversion kits, only those luminaire components that need to be replaced are renewed.

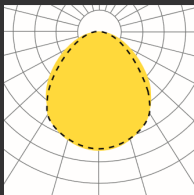
LFS LIGHTS² Linear light T5 / T8

- Twelve standard lengths: 569 - 1522 mm in 3000 / 4000 K, CRI>90 with up to 5400 lm
- Quick installation via magnet with spacer and plug & play connector system. Perfect fit for existing lampholder punchings
- Special solutions possible (Length, colour temperature, CRI, cable length)

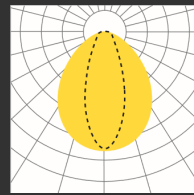
Radiation characteristics



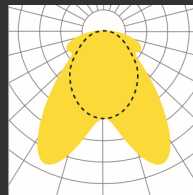
Diffuse 105°



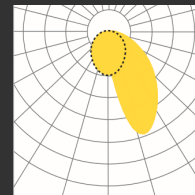
Wide beam 95°



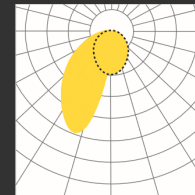
Narrow beam 40°



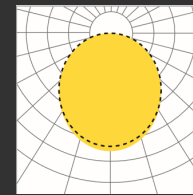
Double
asymmetrical
20°



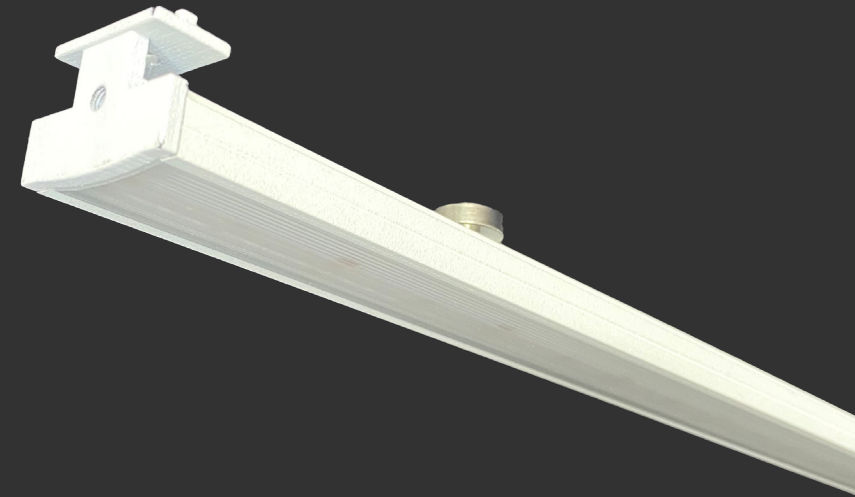
Single
asymmetrical
right 20°



Single
asymmetrical
left 20°



Transparent 120°



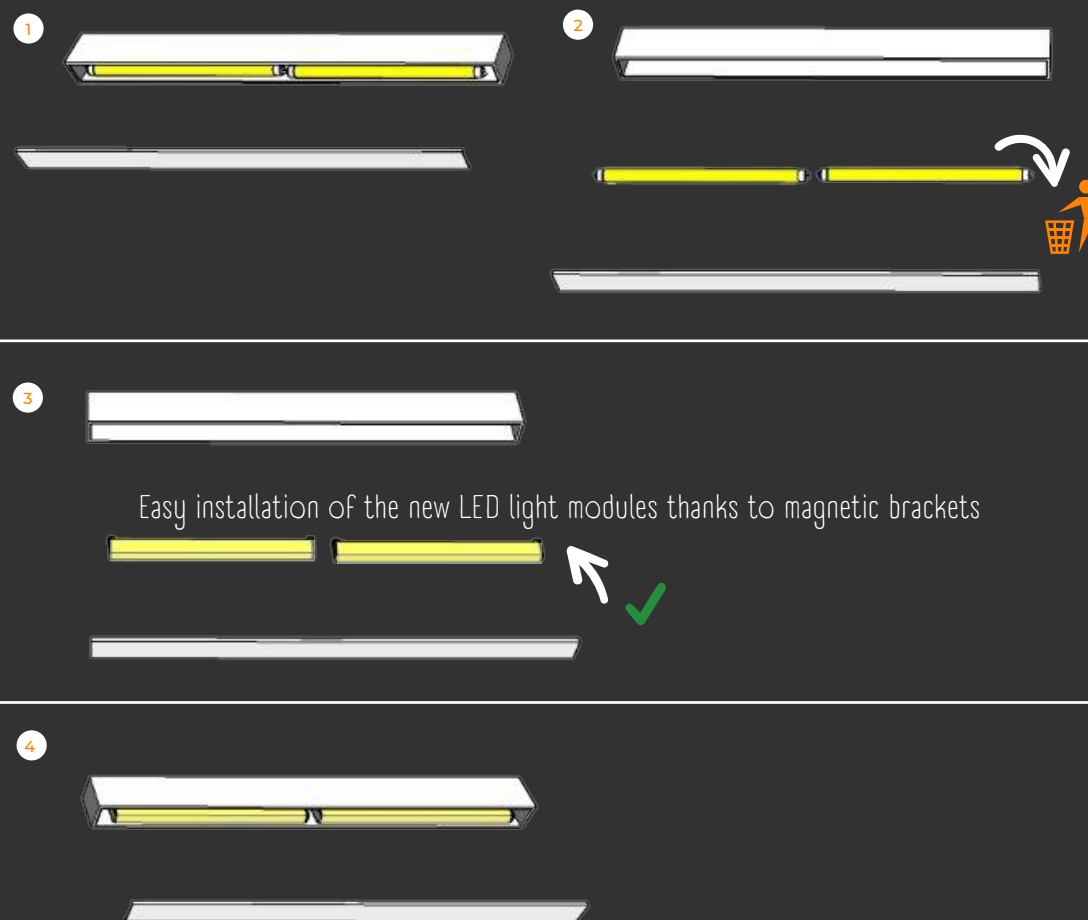
Simple changeover with LIGHTS² & LFS LIGHTS²

How it works:

(1 +2) After opening the housing, the old light sources (such as T5, T8), the wiring on both sides, sockets and ballasts are carefully dismantled and disposed of, leaving only the housing of the desired luminaire and the input terminal.

(3) The magnetic fastening already pre-assembled in our company enables the new LED light modules to be securely and precisely attached to the existing housing plate of the luminaire. This considerably simplifies the replacement process and reduces the installation time.

(4) The luminaire is then reassembled and the new LED power supply unit is connected. Care is taken to ensure that all connections are made safely and correctly. The result is a more efficient and longer-lasting light.



Good to know: The plug & play connection is made using a plug-in system between the lamp and power supply unit. The lamp snaps into place magnetically and centres itself in the old socket punchings of the device holder.



The easiest installation thanks to Click-fit fastening

THE FAST TRACK TO YOUR DESTINATION

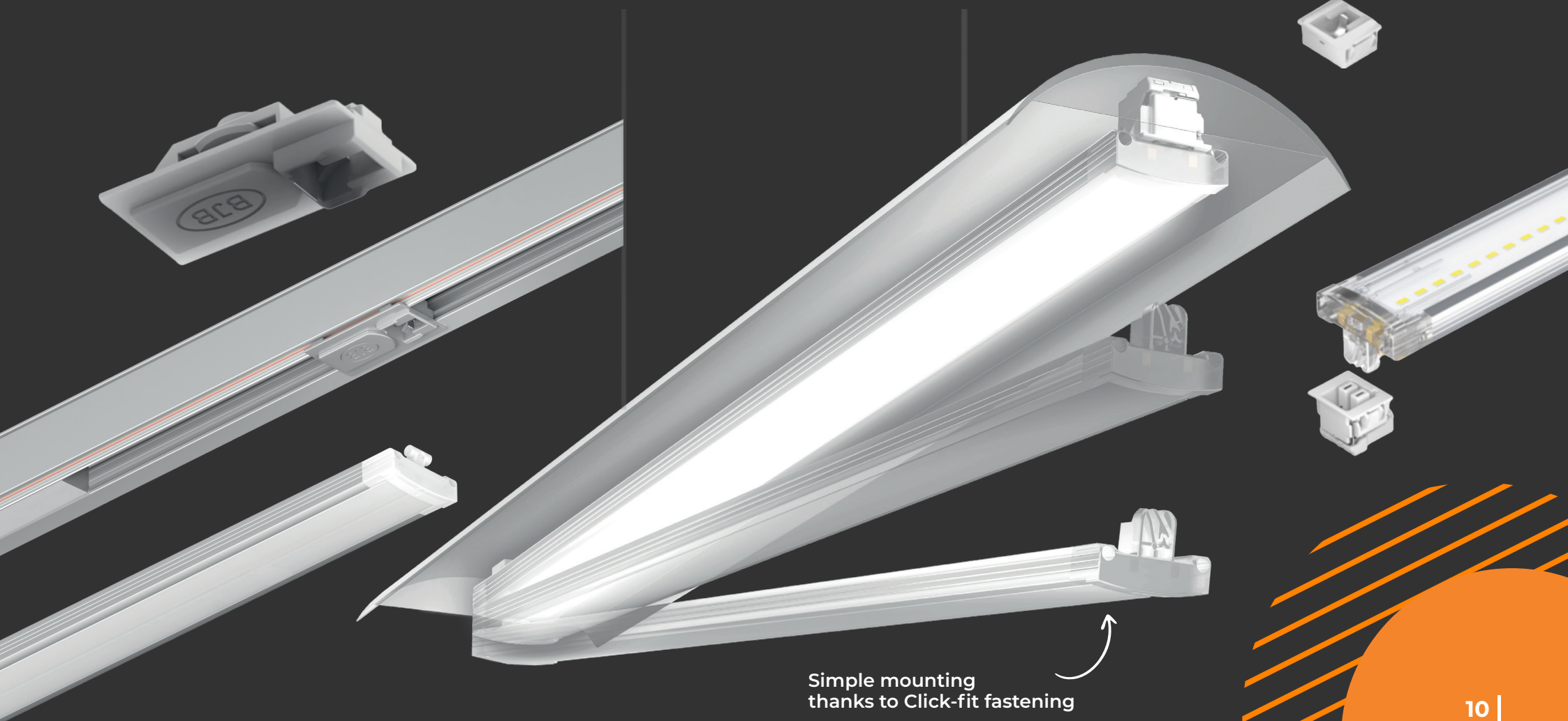
Our LED modules enable quick click-fit installation and offer maximum efficiency with up to 160 lm/W. Available in 3000K or 4000K and various lengths (565 mm - 1466 mm, incl. high bay).

Versatile ON/OFF & DALI power supply units, plug-in sockets and retaining elements (0.4-2 mm) are available for mounting in housings. Inline power supply units & adjustable retaining elements ensure flexible customisation in 3-phase tracks.

The further development of the Linear Flat System

LFS CONTACT

The fastest and flattest lighting solution with replaceable LED modules without additional luminaire housing, completely retractable in the adapter, it offers a flexible arrangement of the luminaires.



Simple mounting
thanks to Click-fit fastening



THE ADVANTAGES

THAT SPEAKS IN FAVOUR



Sustainability & reusability

Existing luminaires can continue to be used or be completely replaced, which saves resources and is environmentally friendly.



Optimised light quality

Your lighting remains improved thanks to modern technology. We offer the highest quality of light that has a positive impact on your surroundings. Our products guarantee optimum colour rendering and uniform illumination



Flexible light control

Customise your lighting for optimum illumination and energy efficiency.



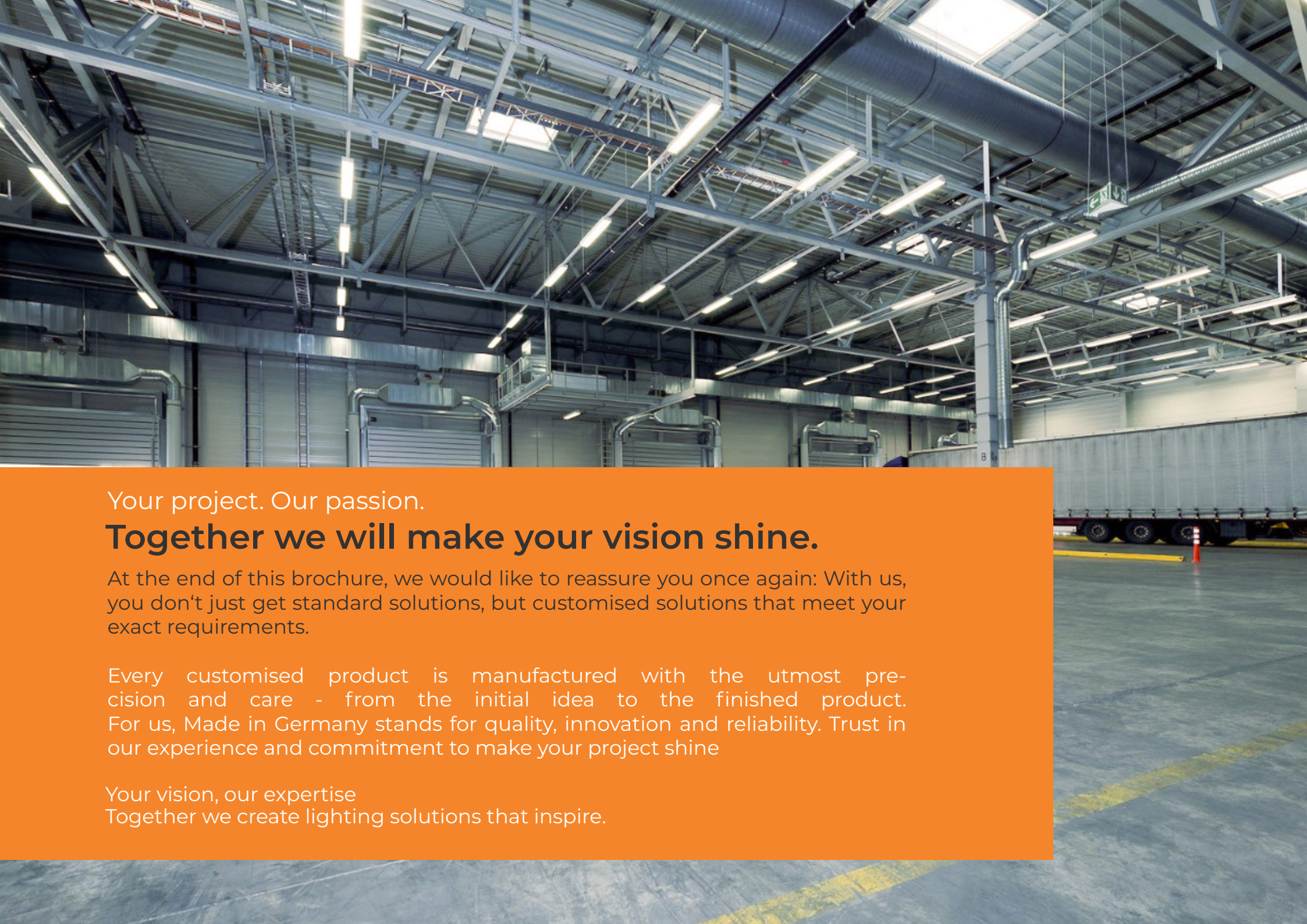
Proven technology

Reliable and proven solutions ensure a long service life and low maintenance costs.



Efficient modernisation

Easy integration into existing systems without great effort. Saves time and budget.



Your project. Our passion.

Together we will make your vision shine.

At the end of this brochure, we would like to reassure you once again: With us, you don't just get standard solutions, but customised solutions that meet your exact requirements.

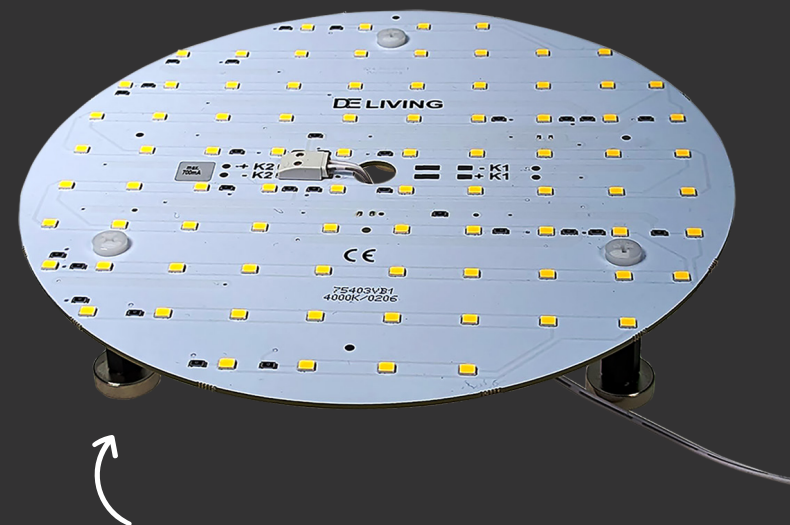
Every customised product is manufactured with the utmost precision and care - from the initial idea to the finished product. For us, Made in Germany stands for quality, innovation and reliability. Trust in our experience and commitment to make your project shine

Your vision, our expertise
Together we create lighting solutions that inspire.

Data & Facts - Round circuit boards

LIGHTS² Round light

Quick installation via magnet with 25 or 40 mm spacer and plug & play connector system
 → Four standard sizes: Ø 148 - 308 mm in 3000 / 4000 K, CRI>80 with up to 5000 lm
 → Special solutions possible (length, colour temperature, CRI, cable length)



Easy mounting thanks to magnetic brackets

LED round light:

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no. (25 mm magnet set)	Article no. (40 mm magnet set)
14 W	1700 lm	Ø 148 mm	3000 K	605-031-3000	605-031-3010
	1700 lm		4000 K	605-031-4000	605-031-4010
18 W	2280 lm	Ø 173 mm	3000 K	605-032-3000	605-032-3010
	2450 lm		4000 K	605-032-4000	605-032-4010
19 W	3060 lm	Ø 244 mm	3000 K	605-033-3000	605-033-3010
	3468 lm		4000 K	605-033-4000	605-033-4010
30 W	4410 lm	Ø 308 mm	3000 K	605-034-3000	605-034-3010
	4998 lm		4000 K	605-034-4000	605-034-4010

Power supply unit:

Control system	Performance	Article no.
ON/OFF	15 W (700mA)	605-210-50
	30 W (500mA)	605-211-50
	30 W (700mA)	605-212-50
Phase	15 W (700mA)	605-230-50
	21 W (500mA)	605-231-50
	22 W (700mA)	605-232-50
	30 W (700mA)	605-233-50



Good to know: All power supply units are supplied with a longitudinal connector terminal and plug & play connector system.

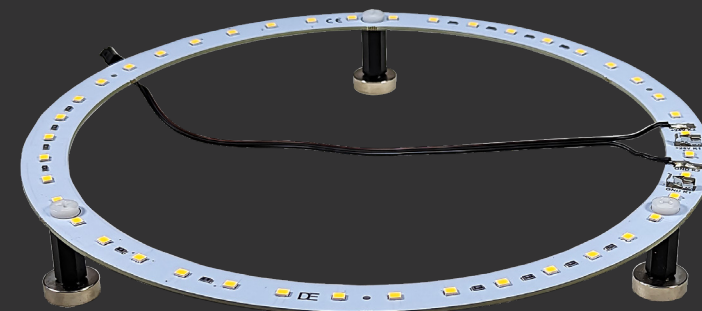
Data & Facts - Ring circuit boards

LIGHTS² Ring light

Quick installation via magnet with 25 or 40 mm spacer and plug & play connector system

→ Two standard sizes: Ø 225 / 300 mm in 3000 / 4000 K, CRI>80 with up to 2850 lm

→ Special solutions possible (length, colour temperature, CRI, cable length)



Einfache Montage durch magnetische Halterungen

LED ring light:

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no. (25 mm magnet set)	Article no. (40 mm magnet set)
17 W	2688 lm	Ø 225 mm	3000 K	605-035-3000	605-035-3010
	2835 lm		4000 K	605-035-4000	605-035-4010
17 W	2688 lm	Ø 300 mm	3000 K	605-036-3000	605-036-3010
	2835 lm		4000 K	605-036-4000	605-036-4010

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W (700mA)	605-212-50
DALI	35 W (700mA)	605-240-50
Phase	22 W (700mA)	605-232-50

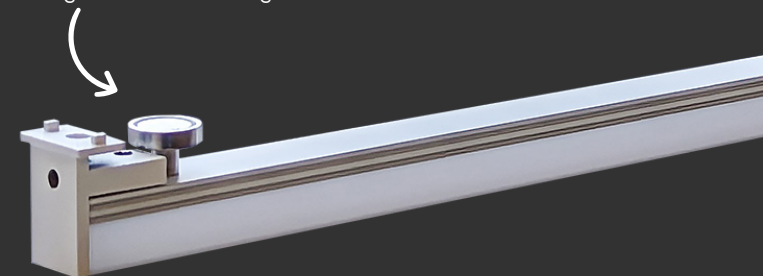


Good to know: All power supply units are supplied with a longitudinal connector terminal and plug & play connector system.

Data & Facts - Linear | Replacement T5

LIGHTS² Linear light

Easy mounting thanks to magnetic brackets



Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 567 - 1467 mm in 3000 / 4000 K, CRI>90 with up to 3240 lm
- Special solutions possible (length, colour temperature, CRI, cable length)

LED linear luminaire (T5 replacement):

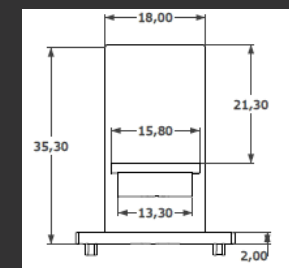
Replacement for:

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.	Which lamps will be replaced?
8 W	1140 lm	567 mm	3000 K	605-001-3001	T5-24 W HO-549 mm (600er)
	1229 lm		4000 K	605-001-4001	
12,2 W	1762 lm	867 mm	3000 K	605-002-3001	T5-39 W HO-849 mm (900er)
	1899 lm		4000 K	605-002-4001	
16,6 W	2384 lm	1167 mm	3000 K	605-003-3001	T5-54 W HO-1149 mm (1200er)
	2570 lm		4000 K	605-003-4001	
20,9 W	3006 lm	1467 mm	3000 K	605-004-3001	T5-54 W HO-1449 mm (1500er)
	3240 lm		4000 K	605-004-4001	

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

Suitable end caps



Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

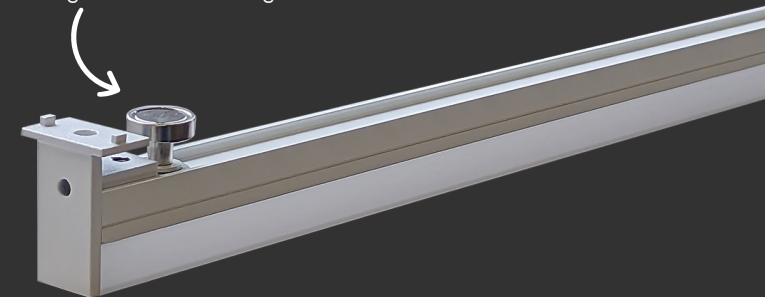
Data & Facts - Linear | Replacement T8

LIGHTS² Linear light

Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 612 - 1522 mm in 3000 / 4000K, CRI>90 with up to 3352 lm
- Special solutions possible (length, colour temperature, CRI, cable length)

Easy mounting thanks to magnetic brackets



Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

LED linear luminaire (T8 replacement):

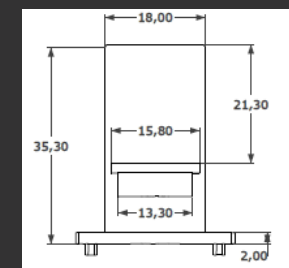
Replacement for:

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.	Which lamps will be replaced?
8,6 W	1244 lm	612 mm	3000 K	605-010-3001	T8-18 W-590 mm (600er)
	1340 lm		4000 K	605-010-4001	
10 W	1451 lm	742 mm	3000 K	605-011-3001	T8-16 W-720 mm
	1564 lm		4000 K	605-011-4001	
13 W	1866 lm	917 mm	3000 K	605-012-3001	T8-30 W-895 mm
	2010 lm		4000 K	605-012-4001	
13,7 W	2090 lm	992 mm	3000 K	605-013-3001	T8-36 W-970 mm (900er)
	2123 lm		4000 K	605-013-4001	
15,2 W	2177 lm	1069 mm	3000 K	605-014-3001	T8-38 W-1047 mm
	2347 lm		4000 K	605-014-4001	
17,3 W	2488 lm	1222 mm	3000 K	605-015-3001	T8-36 W-1200 mm
	2681 lm		4000 K	605-015-4001	
21,6 W	3110 lm	1522 mm	3000 K	605-016-3001	T8-58 W-1500 mm
	3352 lm		4000 K	605-016-4001	
10,8 W	1555 lm	764 mm	3000 K	605-017-3001	T8-25 W-742 mm
	1677 lm		4000 K	605-017-4001	
	1677 lm		5000 K	605-017-5001	

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

Suitable end caps



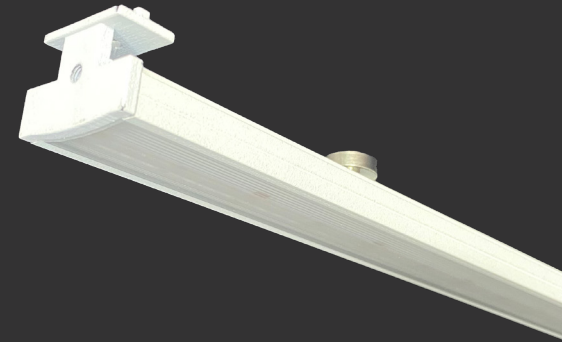
Data & Facts

LFS LIGHTS²

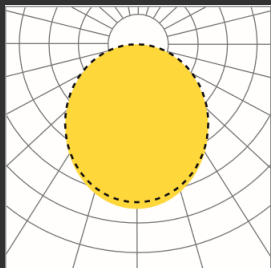
Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 612 - 1522 mm in 3000 / 4000K, CRI>90 with up to 5201 lm
- Special solutions possible (length, colour temperature, CRI, cable length)

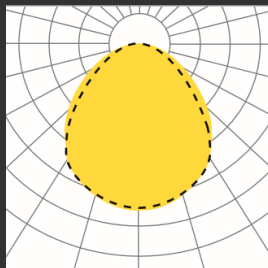
Easy mounting thanks to magnetic brackets



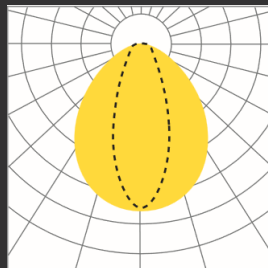
Radiation characteristics



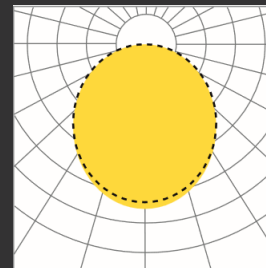
Diffuse 105°



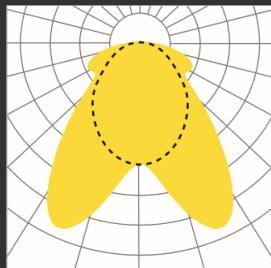
Wide beam 95°



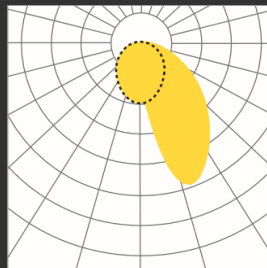
Narrow beam



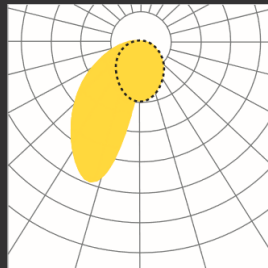
Transparent 120°



Double
asymmetrical 20°



Single
asymmetrical right
20°



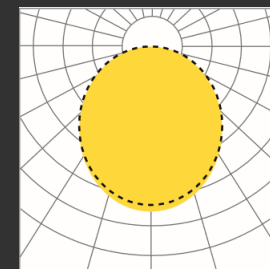
Single
asymmetrical
left 20°

Data & Facts · Linear | Replacement T5

LFS LIGHTS²

Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 567 - 1467 mm in 3000 / 4000 K, CRI>90 with up to 5248 lm
- Special solutions possible (length, colour temperature, CRI, cable length)



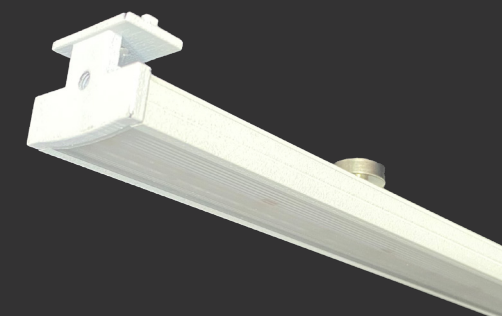
Diffuse 105°

LED linear luminaire (T5 replacement):

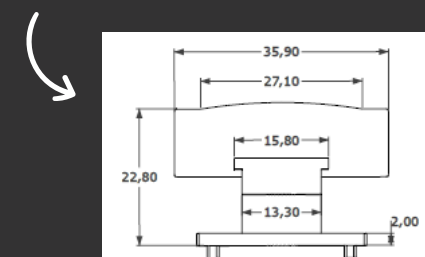
Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
11,5 W	1834 lm	567 mm	3000 K	605-060-3004
	1953 lm		4000 K	605-060-4004
18 W	2872 lm	867 mm	3000 K	605-061-3004
	3057 lm		4000 K	605-061-4004
24,5 W	3909 lm	1167 mm	3000 K	605-062-3004
	4280 lm		4000 K	605-062-4004
30,9 W	4930 lm	1467 mm	3000 K	605-063-3004
	5248 lm		4000 K	605-063-4004

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50



Suitable end caps



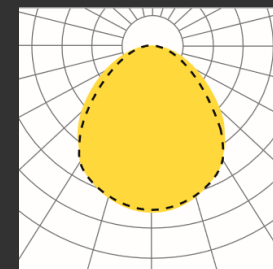
Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T5

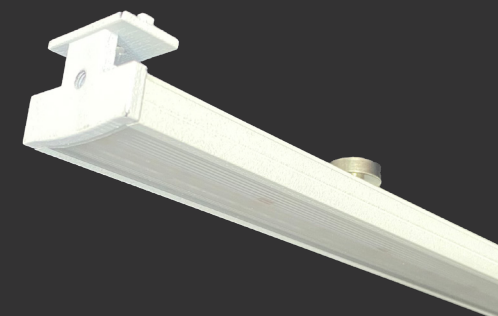
LFS LIGHTS²

Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 567 - 1467 mm in 3000 / 4000 K, CRI>90 with up to 5248 lm
- Special solutions possible (length, colour temperature, CRI, cable length)



Wide beam 95°



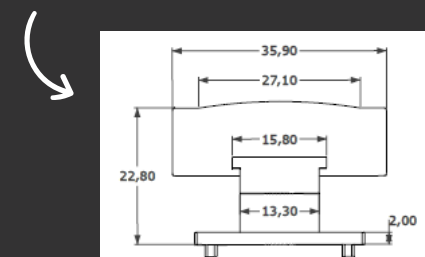
LED linear luminaire (T5 replacement):

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
11,5 W	1834 lm	567 mm	3000 K	605-060-3014
	1953 lm		4000 K	605-060-4014
18 W	2872 lm	867 mm	3000 K	605-061-3014
	3057 lm		4000 K	605-061-4014
24,5 W	3909 lm	1167 mm	3000 K	605-062-3014
	4280 lm		4000 K	605-062-4014
30,9 W	4930 lm	1467 mm	3000 K	605-063-3014
	5248 lm		4000 K	605-063-4014

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

Suitable end caps



Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

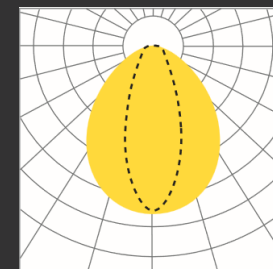
Data & Facts · Linear | Replacement T5

LFS LIGHTS²

Quick installation via magnet with spacer and plug & play connector system

→ Twelve standard lengths: 567 - 1467 mm in 3000 / 4000 K, CRI>90 with up to 5248 lm

→ Special solutions possible (length, colour temperature, CRI, cable length)



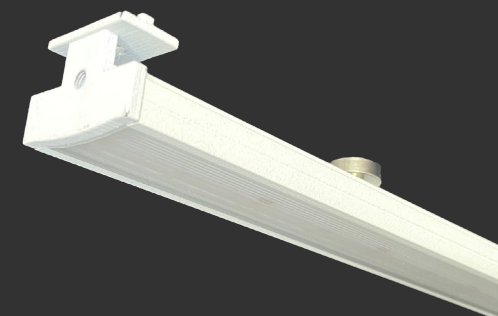
Narrow beam 40°

LED linear luminaire (T5 replacement):

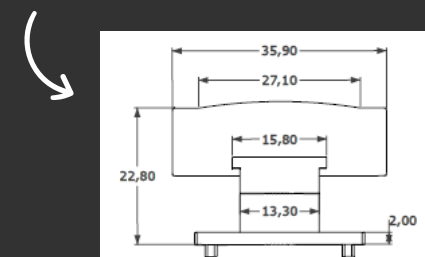
Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
11,5 W	1834 lm	567 mm	3000 K	605-060-3024
	1953 lm		4000 K	605-060-4024
18 W	2872 lm	867 mm	3000 K	605-061-3024
	3057 lm		4000 K	605-061-4024
24,5 W	3909 lm	1167 mm	3000 K	605-062-3024
	4280 lm		4000 K	605-062-4024
30,9 W	4930 lm	1467 mm	3000 K	605-063-3024
	5248 lm		4000 K	605-063-4024

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50



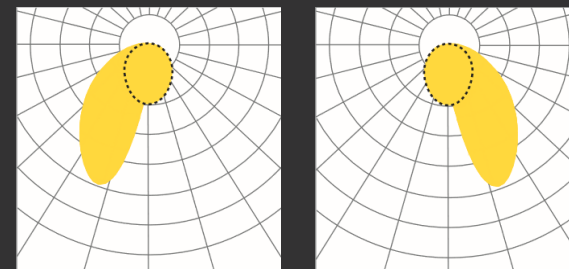
Suitable end caps



Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T5

LFS LIGHTS²



Single asymmetrical left & right 20°

Quick installation via magnet with spacer and plug & play connector system

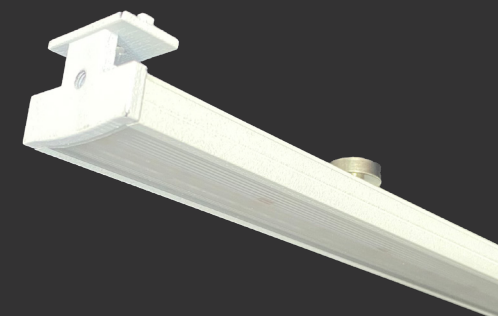
- Twelve standard lengths: 567 - 1467 mm in 3000 / 4000 K, CRI>90 with up to 4793 lm
- Special solutions possible (length, colour temperature, CRI, cable length)

LED linear luminaire (T5 replacement):

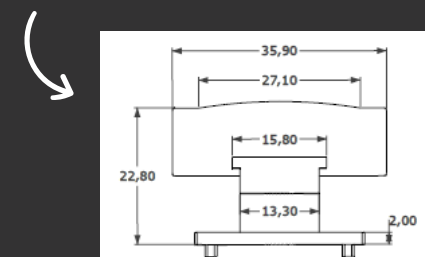
Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
11,5 W	1675 lm	567 mm	3000 K	605-060-3034
	1784 lm		4000 K	605-060-4034
18 W	2622 lm	867 mm	3000 K	605-061-3034
	2793 lm		4000 K	605-061-4034
24,5 W	3570 lm	1167 mm	3000 K	605-062-3034
	3909 lm		4000 K	605-062-4034
30,9 W	4503 lm	1467 mm	3000 K	605-063-3034
	4793 lm		4000 K	605-063-4034

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50



Suitable end caps



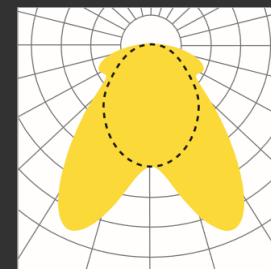
Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T5

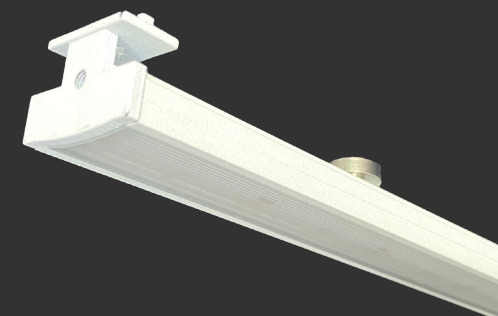
LFS LIGHTS²

Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 567 - 1467 mm in 3000 / 4000 K, CRI>90 with up to 5339 lm
- Special solutions possible (length, colour temperature, CRI, cable length)



Double asymmetrical 20°



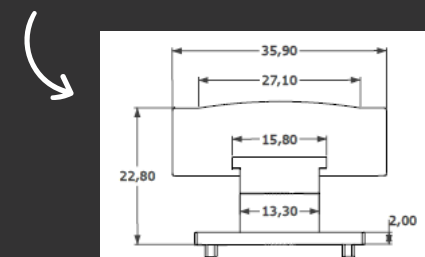
LED linear luminaire (T5 replacement):

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
11,5 W	1866 lm	567 mm	3000 K	605-060-3054
	1987 lm		4000 K	605-060-4054
18 W	2921 lm	867 mm	3000 K	605-061-3054
	3110 lm		4000 K	605-061-4054
24,5 W	3977 lm	1167 mm	3000 K	605-062-3054
	4355 lm		4000 K	605-062-4054
30,9 W	5016 lm	1467 mm	3000 K	605-063-3054
	5339 lm		4000 K	605-063-4054

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

Suitable end caps



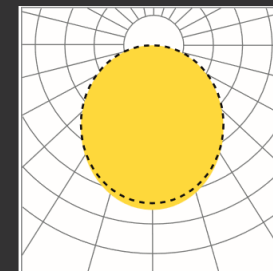
Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T5

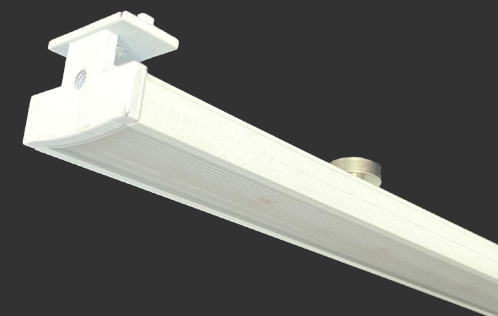
LFS LIGHTS²

Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 567 - 1467 mm in 3000 / 4000 K, CRI>90 with up to 5562 lm
- Special solutions possible (length, colour temperature, CRI, cable length)



Transparent 120°



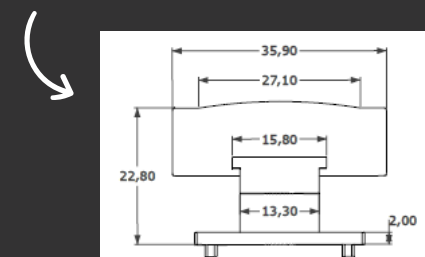
LED linear luminaire (T5 replacement):

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
11,5 W	1944 lm	567 mm	3000 K	605-060-3064
	2070 lm		4000 K	605-060-4064
18 W	3044 lm	867 mm	3000 K	605-061-3064
	3240 lm		4000 K	605-061-4064
24,5 W	4143 lm	1167 mm	3000 K	605-062-3064
	4536 lm		4000 K	605-062-4064
30,9 W	5225 lm	1467 mm	3000 K	605-063-3064
	5562 lm		4000 K	605-063-4064

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

Suitable end caps



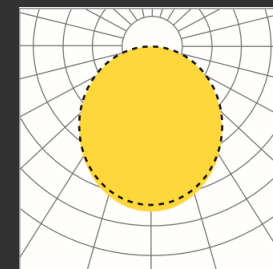
Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T8

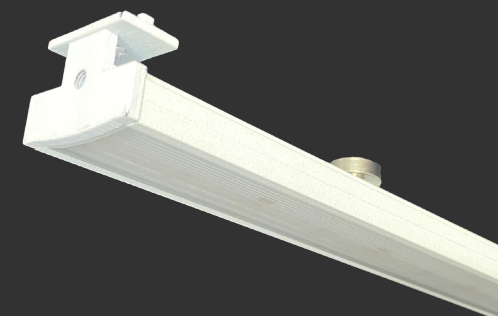
LFS LIGHTS²

Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 612 - 1522 mm in 3000 / 4000 K, CRI>90 with up to 5503 lm
- Special solutions possible (length, colour temperature, CRI, cable length)



Diffuse 105°



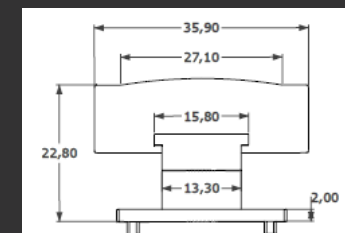
LED linear luminaire (T8 replacement):

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
12,2 W	1853 lm	612 mm	3000 K	605-050-3004
	2078 lm		4000 K	605-050-4004
15,1 W	2409 lm	742 mm	3000 K	605-051-3004
	2564 lm		4000 K	605-051-4004
18,7 W	2984 lm	917 mm	3000 K	605-052-3004
	3176 lm		4000 K	605-052-4004
20,8 W	3063 lm	992 mm	3000 K	605-053-3004
	3152 lm		4000 K	605-053-4004
16,7 W	3270 lm	1069 mm	3000 K	605-054-3004
	3373 lm		4000 K	605-054-4004
19,4 W	3798 lm	1222 mm	3000 K	605-055-3004
	3906 lm		4000 K	605-055-4004
30,5 W	4750 lm	1522 mm	3000 K	605-056-3004
	4889 lm		4000 K	605-056-4004

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

Passende Endkappen



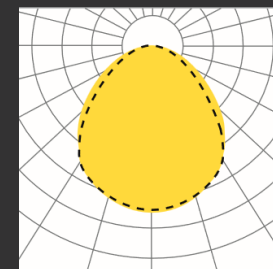
Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T8

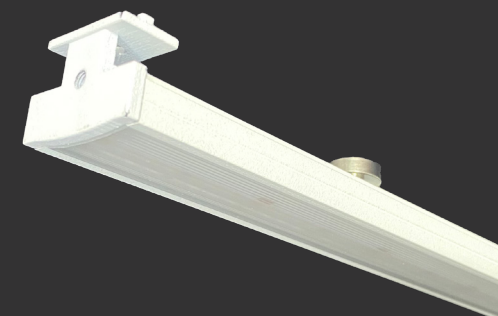
LFS LIGHTS²

Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 612 - 1522 mm in 3000 / 4000 K, CRI>90 with up to 4889 lm
- Special solutions possible (length, colour temperature, CRI, cable length)



Wide beam 95°



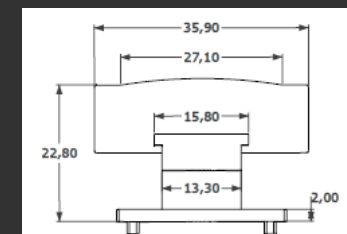
LED linear luminaire (T8 replacement):

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
12,2 W	1853 lm	612 mm	3000 K	605-050-3014
	2078 lm		4000 K	605-050-4014
15,1 W	2409 lm	742 mm	3000 K	605-051-3014
	2564 lm		4000 K	605-051-4014
18,7 W	2984 lm	917 mm	3000 K	605-052-3014
	3176 lm		4000 K	605-052-4014
20,8 W	3319 lm	992 mm	3000 K	605-053-3014
	3533 lm		4000 K	605-053-4014
22,3 W	3558 lm	1069 mm	3000 K	605-054-3014
	3787 lm		4000 K	605-054-4014
25,9 W	4132 lm	1222 mm	3000 K	605-055-3014
	4373 lm		4000 K	605-055-4014
32,4 W	5170 lm	1522 mm	3000 K	605-056-3014
	5503 lm		4000 K	605-056-4014

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

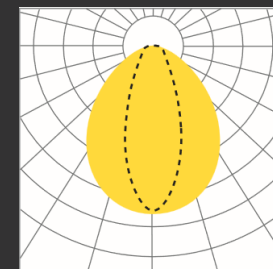
Suitable end caps



Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T8

LFS LIGHTS²

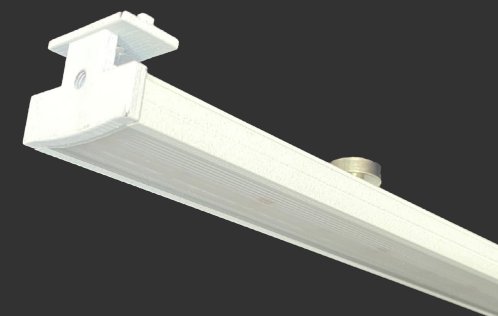


Narrow beam 40°

Quick installation via magnet with spacer and plug & play connector system

→ Twelve standard lengths: 612 - 1522 mm in 3000 / 4000 K, CRI>90 with up to 4889 lm

→ Special solutions possible (length, colour temperature, CRI, cable length)



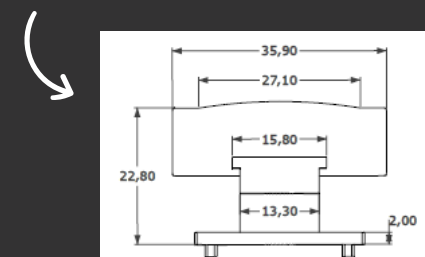
LED linear luminaire (T8 replacement):

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
12,2 W	1853 lm	612 mm	3000 K	605-050-3024
	2078 lm		4000 K	605-050-4024
15,1 W	2409 lm	742 mm	3000 K	605-051-3024
	2564 lm		4000 K	605-051-4024
18,7 W	2984 lm	917 mm	3000 K	605-052-3024
	3176 lm		4000 K	605-052-4024
20,8 W	3319 lm	992 mm	3000 K	605-053-3024
	3533 lm		4000 K	605-053-4024
22,3 W	3558 lm	1069 mm	3000 K	605-054-3024
	3787 lm		4000 K	605-054-4024
25,9 W	4132 lm	1222 mm	3000 K	605-055-3024
	4373 lm		4000 K	605-055-4024
32,4 W	5170 lm	1522 mm	3000 K	605-056-3024
	5503 lm		4000 K	605-056-4024

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

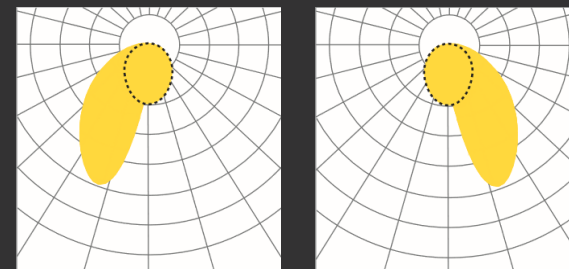
Suitable end caps



Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T8

LFS LIGHTS²



Single asymmetrical left & right 20°

Quick installation via magnet with spacer and plug & play connector system

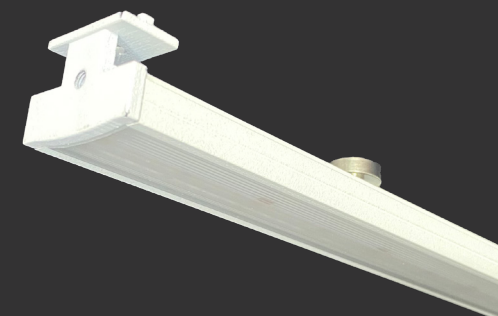
- Twelve standard lengths: 567 - 1467 mm in 3000 / 4000 K, CRI>90 with up to 4466 lm
- Special solutions possible (length, colour temperature, CRI, cable length)

LED linear luminaire (T8 replacement):

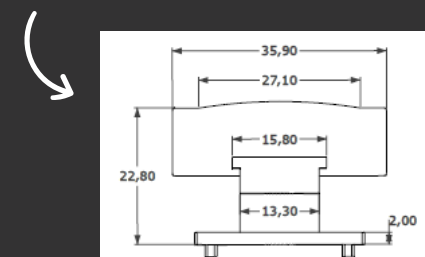
Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
12,2 W	1783 lm	612 mm	3000 K	605-050-3034
	1898 lm		4000 K	605-050-4034
15,1 W	2200 lm	742 mm	3000 K	605-051-3034
	2342 lm		4000 K	605-051-4034
18,7 W	2725 lm	917 mm	3000 K	605-052-3034
	2900 lm		4000 K	605-052-4034
20,8 W	3031 lm	992 mm	3000 K	605-053-3034
	3227 lm		4000 K	605-053-4034
22,3 W	3250 lm	1069 mm	3000 K	605-054-3034
	3459 lm		4000 K	605-054-4034
25,9 W	3774 lm	1222 mm	3000 K	605-055-3034
	3994 lm		4000 K	605-055-4034
32,4 W	4721 lm	1522 mm	3000 K	605-056-3034
	5026 lm		4000 K	605-056-4034

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50



Suitable end caps



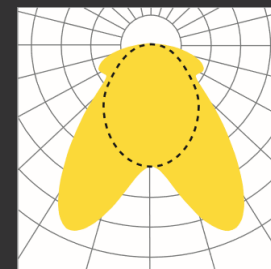
Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

Data & Facts · Linear | Replacement T8

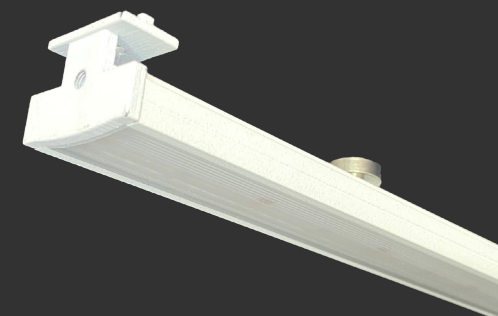
LFS LIGHTS²

Quick installation via magnet with spacer and plug & play connector system

- Twelve standard lengths: 612 - 1522 mm in 3000 / 4000 K, CRI>90 with up to 4963 lm
- Special solutions possible (length, colour temperature, CRI, cable length)



Double asymmetrical 20°



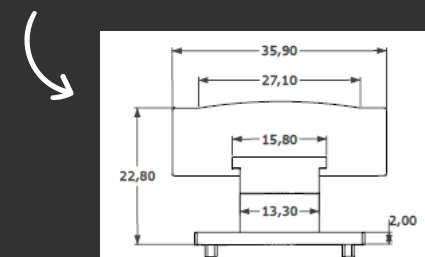
LED linear luminaire (T8 replacement):

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
12,2 W	1987 lm	612 mm	3000 K	605-050-3054
	2114 lm		4000 K	605-050-4054
15,1 W	2450 lm	742 mm	3000 K	605-051-3054
	2609 lm		4000 K	605-051-4054
18,7 W	3036 lm	917 mm	3000 K	605-052-3054
	3231 lm		4000 K	605-052-4054
20,8 W	3376 lm	992 mm	3000 K	605-053-3054
	3594 lm		4000 K	605-053-4054
22,3 W	3620 lm	1069 mm	3000 K	605-054-3054
	3853 lm		4000 K	605-054-4054
25,9 W	4204 lm	1222 mm	3000 K	605-055-3054
	4449 lm		4000 K	605-055-4054
32,4 W	5259 lm	1522 mm	3000 K	605-056-3054
	5599 lm		4000 K	605-056-4054

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

Suitable end caps



Good to know: All power supply units are supplied with a primary longitudinal connector terminal and a secondary plug & play connector system with 2 outlets. Further supply lines / distributors on request.

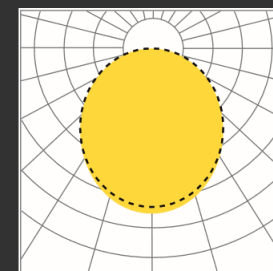
Data & Facts · Linear | Replacement T8

LFS LIGHTS²

Schnellmontage via Magnet mit Abstandshalter und Plug & Play-Stecksystem

→ Zwölf Standardlängen: 612 - 1522 mm in 3000 / 4000 K, CRI>90 mit bis zu 5201 lm

→ Sonderlösungen möglich (Länge, Farbtemperatur, CRI, Kabellänge)



Klar 120°

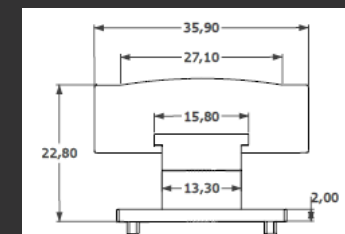
LED linear luminaire (T8 replacement):

Lamp wattage	Luminous flux	Dimension	Colour temperature	Article no.
12,2 W	2070 lm	612 mm	3000 K	605-050-3064
	2202 lm		4000 K	605-050-4064
15,1 W	2553 lm	742 mm	3000 K	605-051-3064
	2717 lm		4000 K	605-051-4064
18,7 W	3163 lm	917 mm	3000 K	605-052-3064
	3366 lm		4000 K	605-052-4064
20,8 W	3518 lm	992 mm	3000 K	605-053-3064
	3744 lm		4000 K	605-053-4064
22,3 W	3771 lm	1069 mm	3000 K	605-054-3064
	4014 lm		4000 K	605-054-4064
25,9 W	4379 lm	1222 mm	3000 K	605-055-3064
	4635 lm		4000 K	605-055-4064
32,4 W	5480 lm	1522 mm	3000 K	605-056-3064
	5833 lm		4000 K	605-056-4064

Power supply unit:

Control system	Performance	Article no.
ON/OFF	30 W	605-259-50
	45 W	605-260-50
	60 W	605-261-50
DALI	30 W	605-280-50
	60 W	605-281-50

Suitable end caps



Good to know: Alle Netzteile werden primär mit Längsverbinder-Klemme und sekundär mit Plug & Play-Stecksystem mit 2 Abgängen geliefert. Weitere Zuleitungen / Verteiler auf Anfrage.

Data & Facts

LFS CONTACT

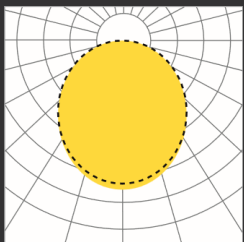
Quick mounting via click-fit fastening

- Up to 160lm/W
- Colour temperatures: 3000K / 4000K
- Lengths: 565mm / 1166mm / 1166mm high bay / 1466mm / 1466mm high bay
- For housing mounting: Large selection of ON/OFF and DALI power supply units / Sockets and retaining elements for sheet thicknesses from 0.4mm - 2mm
- For 3-phase tracks: Precisely matched inline power supply units / movable retaining element

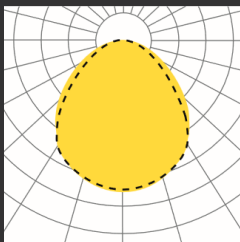


Simple installation thanks to Click-Fit fastening

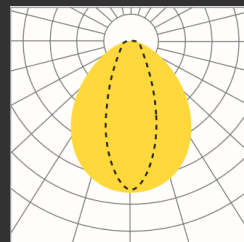
Radiation characteristics



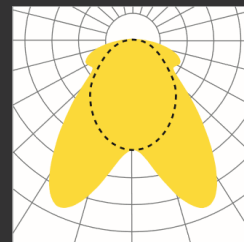
Diffuse 105°



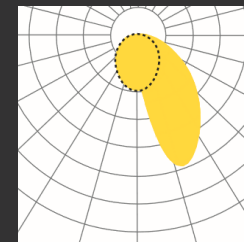
Wide beam 95°



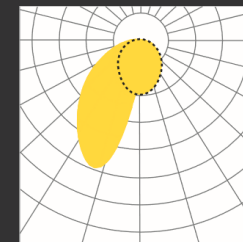
Narrow beam 40°



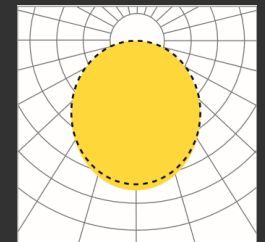
Double
asymmetrical 20°



Single
asymmetrical
right 20°



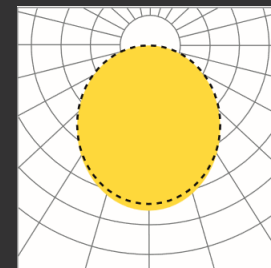
Single
asymmetrical
left 20°



Transprent 120°

Data & Facts

LFS CONTACT



diffuse 105°

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
350 mA	36,5 V	13 W	565 mm	3000 K	1900 lm	564-961-300x
				4000 K	2050 lm	564-961-400x
				6500 K	2050 lm	564-961-650x
700 mA	36,5 V	26 W	1166 mm	3000 K	3800 lm	564-962-300x
				4000 K	4050 lm	564-962-400x
				6500 K	4100 lm	564-962-650x
1050 mA	30,7 V	32 W	1466 mm	3000 K	4900 lm	564-964-300x
				4000 K	5200 lm	564-964-400x
				6500 K	5200 lm	564-964-650x

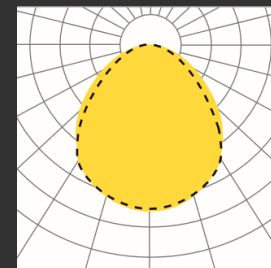
X	CRI	Colour
0	> 80	silver
1	> 90	silver
2	> 80	black
3	> 90	black
4	> 80	white
5	> 90	white

High Bay

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
1050 mA	47,8 V	50 W	1166 mm	4000 K	7950 lm	564-963-400x
				6500 K	8000 lm	564-963-650x
	45 V	47,2 W	1466 mm	4000 K	9296 lm	564-966-400x
				6500 K	9351 lm	564-966-650x
1400 mA	45 V	63 W	1466 mm	4000 K	10000 lm	564-965-400x
				6500 K	10050 lm	564-965-650x

Data & Facts

LFS CONTACT



Wide beam 95°

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
350 mA	36,5 V	13 W	565 mm	3000 K	1950 lm	564-961-301x
				4000 K	2100 lm	564-961-401x
				6500 K	2100 lm	564-961-651x
700 mA	36,5 V	26 W	1166 mm	3000 K	3900 lm	564-962-301x
				4000 K	4150 lm	564-962-401x
				6500 K	4150 lm	564-962-651x
1050 mA	30,7 V	32 W	1466 mm	3000 K	4950 lm	564-964-301x
				4000 K	5250 lm	564-964-401x
				6500 K	5300 lm	564-964-651x

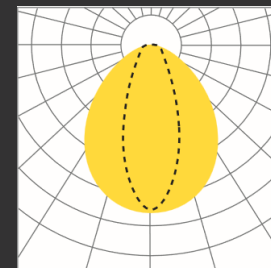
X	CRI	Colour
0	> 80	silver
1	> 90	silver
2	> 80	black
3	> 90	black
4	> 80	white
5	> 90	white

High Bay

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
1050 mA	47,8 V	50 W	1166 mm	4000 K	8100 lm	564-963-401x
				6500 K	8150 lm	564-963-651x
	45 V	47,2 W	1466 mm	4000 K	9488 lm	564-966-401x
				6500 K	9538 lm	564-966-651x
1400 mA	45 V	63 W	1466 mm	4000 K	10200 lm	564-965-401x
				6500 K	10250 lm	564-965-651x

Data & Facts

LFS CONTACT



Narrow beam 40°

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
350 mA	36,5 V	13 W	565 mm	3000 K	1950 lm	564-961-302x
				4000 K	2100 lm	564-961-402x
				6500 K	2100 lm	564-961-652x
700 mA	36,5 V	26 W	1166 mm	3000 K	3900 lm	564-962-302x
				4000 K	4150 lm	564-962-402x
				6500 K	4150 lm	564-962-652x
1050 mA	30,7 V	32 W	1466 mm	3000 K	4950 lm	564-964-302x
				4000 K	5250 lm	564-964-402x
				6500 K	5300 lm	564-964-652x

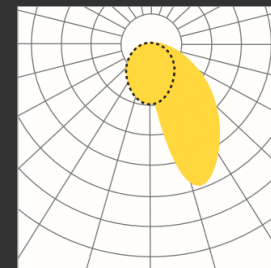
X	CRI	Colour
0	> 80	silver
1	> 90	silver
2	> 80	black
3	> 90	black
4	> 80	white
5	> 90	white

High Bay

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
1050 mA	47,8 V	50 W	1166 mm	4000 K	8100 lm	564-963-402x
				6500 K	8150 lm	564-963-652x
	45 V	47,2 W	1466 mm	4000 K	9488 lm	564-966-402x
				6500 K	9538 lm	564-966-652x
1400 mA	45 V	63 W	1466 mm	4000 K	10200 lm	564-965-402x
				6500 K	10250 lm	564-965-652x

Data & Facts

LFS CONTACT



Single asymmetrical right 20°

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
350 mA	36,5 V	13 W	565 mm	3000 K	1800 lm	564-961-303x
				4000 K	1900 lm	564-961-403x
				6500 K	1900 lm	564-961-653x
700 mA	36,5 V	26 W	1166 mm	3000 K	3550 lm	564-962-303x
				4000 K	3800 lm	564-962-403x
				6500 K	4250 lm	564-962-653x
1050 mA	30,7 V	32 W	1466 mm	3000 K	4550 lm	564-964-303x
				4000 K	4800 lm	564-964-403x
				6500 K	4850 lm	564-964-653x

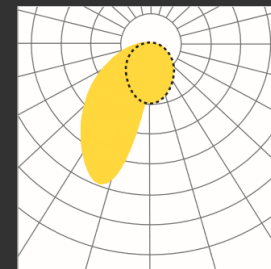
X	CRI	Colour
0	> 80	silver
1	> 90	silver
2	> 80	black
3	> 90	black
4	> 80	white
5	> 90	white

High Bay

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
1050 mA	47,8 V	50 W	1166 mm	4000 K	7400 lm	564-963-403x
				6500 K	7450 lm	564-963-653x
	45 V	47,2 W	1466 mm	4000 K	8650 lm	564-966-403x
				6500 K	8692 lm	564-966-653x
1400 mA	45 V	63 W	1466 mm	4000 K	9300 lm	564-965-403x
				6500 K	9350 lm	564-965-653x

Data & Facts

LFS CONTACT



Single asymmetrical left 20°

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
350 mA	36,5 V	13 W	565 mm	3000 K	1800 lm	564-961-304x
				4000 K	1900 lm	564-961-404x
				6500 K	1900 lm	564-961-654x
700 mA	36,5 V	26 W	1166 mm	3000 K	3550 lm	564-962-304x
				4000 K	3800 lm	564-962-404x
				6500 K	4250 lm	564-962-654x
1050 mA	30,7 V	32 W	1466 mm	3000 K	4550 lm	564-964-304x
				4000 K	4800 lm	564-964-404x
				6500 K	4850 lm	564-964-654x

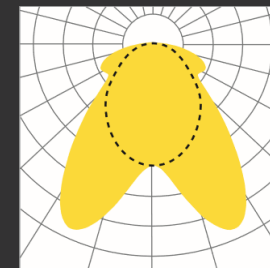
X	CRI	Colour
0	> 80	silver
1	> 90	silver
2	> 80	black
3	> 90	black
4	> 80	white
5	> 90	white

High Bay

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
1050 mA	47,8 V	50 W	1166 mm	4000 K	7400 lm	564-963-404x
				6500 K	7450 lm	564-963-654x
	45 V	47,2 W	1466 mm	4000 K	8650 lm	564-966-404x
				6500 K	8692 lm	564-966-654x
1400 mA	45 V	63 W	1466 mm	4000 K	9300 lm	564-965-404x
				6500 K	9350 lm	564-965-654x

Data & Facts

LFS CONTACT



Double asymmetrical 20°

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
350 mA	36,5 V	13 W	565 mm	3000 K	2000 lm	564-961-305x
				4000 K	2100 lm	564-961-405x
				6500 K	2100 lm	564-961-655x
700 mA	36,5 V	26 W	1166 mm	3000 K	3950 lm	564-962-305x
				4000 K	4200 lm	564-962-405x
				6500 K	4250 lm	564-962-655x
1050 mA	30,7 V	32 W	1466 mm	3000 K	5050 lm	564-964-305x
				4000 K	5050 lm	564-964-405x
				6500 K	5400 lm	564-964-655x

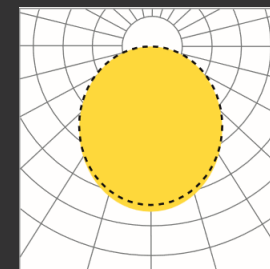
X	CRI	Colour
0	> 80	silver
1	> 90	silver
2	> 80	black
3	> 90	black
4	> 80	white
5	> 90	white

High Bay

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
1050 mA	47,8 V	50 W	1166 mm	4000 K	8250 lm	564-963-405x
				6500 K	8300 lm	564-963-655x
	45 V	47,2 W	1466 mm	4000 K	9625 lm	564-966-405x
				6500 K	9669 lm	564-966-655x
1400 mA	45 V	63 W	1466 mm	4000 K	10350 lm	564-965-405x
				6500 K	10400 lm	564-965-655x

Data & Facts

LFS CONTACT



transparent 120°

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
350 mA	36,5 V	13 W	565 mm	3000 K	2020 lm	564-961-306x
				4000 K	2180 lm	564-961-406x
				6500 K	2180 lm	564-961-656x
700 mA	36,5 V	26 W	1166 mm	3000 K	4041 lm	564-962-306x
				4000 K	4307 lm	564-962-406x
				6500 K	4360 lm	564-962-656x
1050 mA	30,7 V	32 W	1466 mm	3000 K	5211 lm	564-964-306x
				4000 K	5530 lm	564-964-406x
				6500 K	5530 lm	564-964-656x

X	CRI	Colour
0	> 80	silver
1	> 90	silver
2	> 80	black
3	> 90	black
4	> 80	white
5	> 90	white

High Bay

Rated current	Rated voltage	Rated power	Dimension	Colour temperature	Luminous flux / m	Article no.
1050 mA	47,8 V	50 W	1166 mm	4000 K	8455 lm	564-963-406x
				6500 K	8508 lm	564-963-656x
	45 V	47,2 W	1466 mm	4000 K	9823 lm	564-966-406x
				6500 K	9823 lm	564-966-656x
1400 mA	45 V	63 W	1466 mm	4000 K	10635 lm	564-965-406x
				6500 K	10689 lm	564-965-656x

Video

LIGHTS², LFS LIGHTS², LFS CONTACT

Watch our new video about LIGHTS², LFS LIGHTS² and LFS CONTACT and discover the differences. Click on the video now:





Your superheroes in the lighting industry
WE BRING LIGHT INTO THE DARKNESS



Consultancy & Sales
Team leader David Meinert
Tel.: +49 (0) 2933 / 9704 25

Consultancy & project management
Project manager Patrick Neuhaus
Tel.: +49 (0) 2933 / 9704 501



” We support you from planning to implementation - even for large projects.

Patrick Neuhaus

DREES GmbH
Zum Dümpel 4
D – 59846 Sundern

Phone +49 2933 9704-0

info@drees-gmbh.eu
www.drees-gmbh.eu

 @dreesvertraulicht
 @drees_lichttechnik
 @DREES GmbH