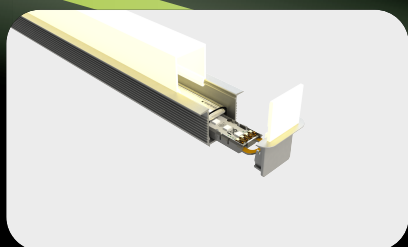
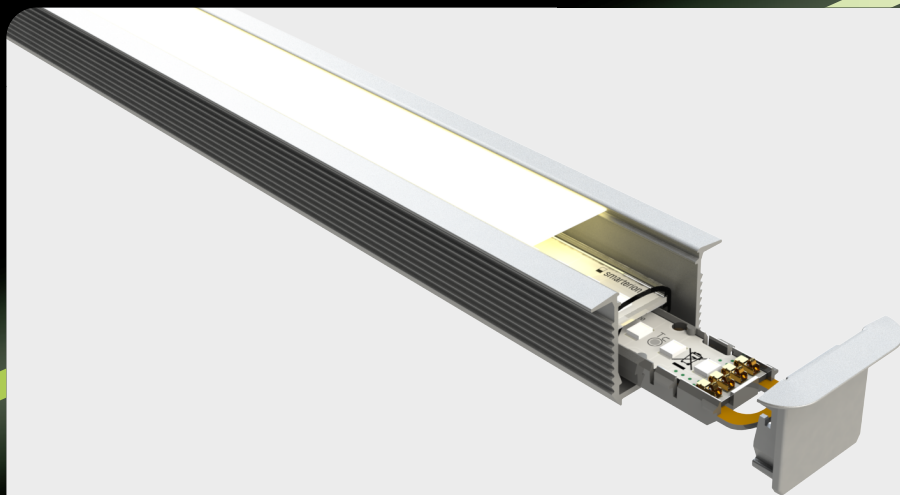




Simple to handle, flexible to use.



Data sheet

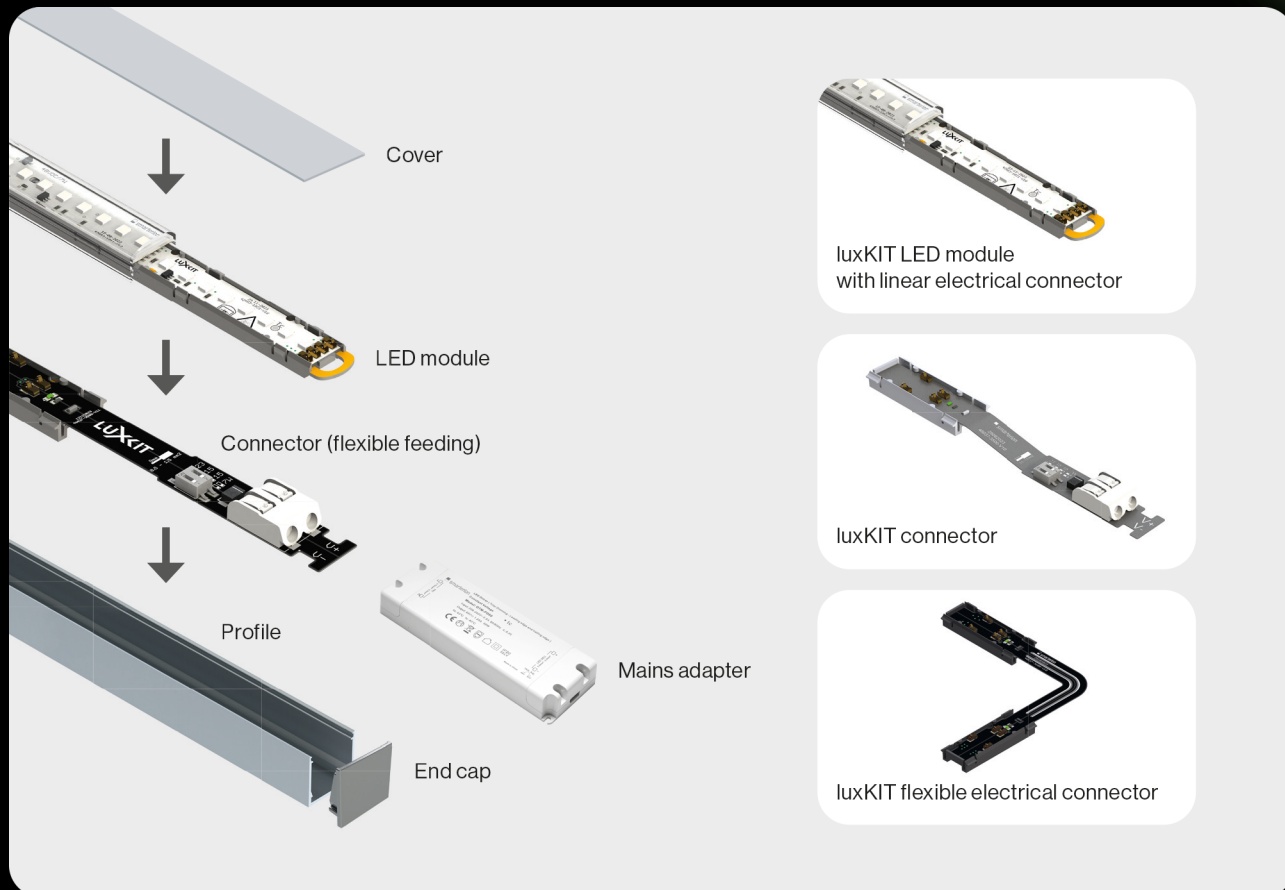
luxKIT K20

Hochwertiges Aluminiumprofil mit Flügeln für die Verwendung in abgehängten Decken. L 2400 x B 20 x H 19 mm.
luxKIT, das neue lineare LED-Baukastensystem ist spielend einfach zu montieren, jederzeit digital bestellbar, wirtschaftlich und reparierbar.

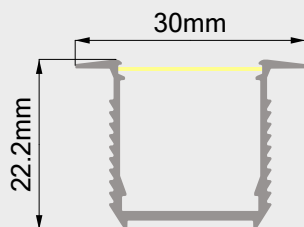
- 100% shadow-free for continuous light
- Simple to understand and easy to install
- Flexible modular LED system for linear light made to measure
- Installation at the speed of light with the click system
- New app for easy planning and ordering
- No soldering, tool-free installation, power supply possible anywhere
- Patented world first
- Ready2Repair: components can be replaced at any time, which ensures sustainability

LED systems

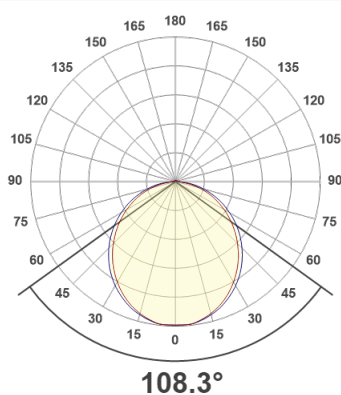
luxKIT K20



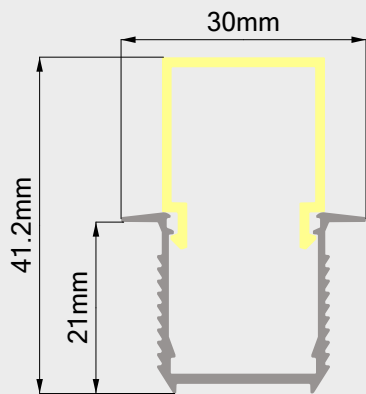
20.030 luxKIT K20 - 20-O



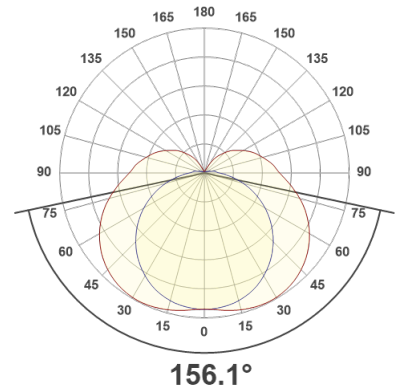
Profile length 2.4m



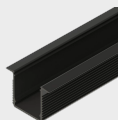
20.030 luxKIT K20 - U20-O



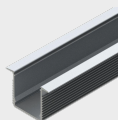
Profile length 2.4m



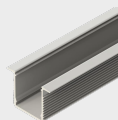
Profile



Article number
1007944



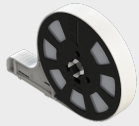
Article number
1007945



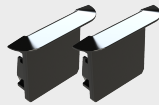
Article number
1007946

Article number	GTIN	Designation	Properties
1007944	7640382275561	luxKIT profile K20 - 2.4m	black
1007945	7640382275578	luxKIT profile K20 - 2.4m	anodized
1007946	7640382275585	luxKIT profile K20 - 2.4m	white

Covers and end caps



Article number
1007672



Article number
1007943

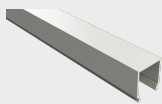


Article number
1007942

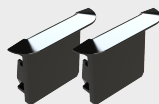


Article number
1007941

Article number	GTIN	Designation	Properties
luxKIT Diffuser 20-O			IK03 IP44 *
1007672	7640382275066	luxKIT Diffuser 20-O	opal
1007943	7640382275608	luxKIT Endkappen K20	black
1007942	7640382275639	luxKIT Endkappen K20	white
1007941	7640382275622	luxKIT Endkappen K20	silver



Article number
1007987



Article number
1007943



Article number
1007942



Article number
1007941



Article number
1007989

Article number	GTIN	Designation	Properties
luxKIT Diffuser U20-O			IK03 IP44 *
1007987	7640382276223	luxKIT Diffuser U20-O	opal
1007943	7640382275608	luxKIT Endkappen K20	black
1007942	7640382275639	luxKIT Endkappen K20	white
1007941	7640382275622	luxKIT Endkappen K20	silver
1007989	7640382275929	luxKIT Endkappen U20-O	transparent

* with multi-part profile protection class IP20

LED modules incl. electrical connector linear



Article number
1100037



Article number
1007652 / 1007653 / 1008062 /
1007654



Article number
1100045

Article number	GTIN	Designation	Properties
1100037	7640382276230	luxKIT LED Modul RGB	48V DC
1007652	7640382274977	luxKIT LED Modul SW	48V DC / 2700 K / CRI80
1007653	7640382274984	luxKIT LED Modul SW	48V DC / 3000 K / CRI80
1008062	7640382275912	luxKIT LED module	48V DC / 3500 K / CRI80
1007654	7640382274991	luxKIT LED Modul SW	48V DC / 4000 K / CRI80
1100045	7640382277817	luxKIT LED Modul TW	48V DC / 2700...6500 / CRI80

Accessories



Article number
1007693



Article number
1100048



Article number
1100038



Article number
1100046



Article number
1100094



Article number
1007669



Article number
1007954



Article number
1007956

Article number	GTIN	Designation	Properties
1007693	7640382275073	luxKIT Flex connector SW	max. 5A / 50V
1100048	7640382277831	luxKIT cable connector	max. 5A / 50V
1100038	7640382276247	luxKIT 48V connector RGB	Connection terminal 0.75 mm ²
1100046	7640382277824	luxKIT 48V connector TW	Connection terminal 0.75 mm ²
1100094	7640382277930	luxKIT Flex-connector RGB/TW	max. 5A / 50V
1007669	7640382275059	luxKIT 48V connector SW	Connection terminal 1.5 mm ²
1007954	7640382275653	luxKIT clamp K20	
1007956	7640382275660	luxKIT spring clamp K20	

48 VDC control gear



Article number
1007406



Article number
1007408



Article number
1007704



Article number
1100079



Article number
1100080



Article number
1100081



Article number
28003840 / 28003841 / 28003842 /
28003843 / 87501112 / 87501113 /
87501114 / 87501115

Article number		GTIN	Designation	Properties
28003841		9006210762043	Power supply LC 60W 48V one4all	L 195 x W 43 x H 30 mm
28003842		9006210762111	Power supply LC 100W 48V one4all	L 225 x W 43 x H 30 mm
28003843		9006210762180	Power supply LC 200W 48V one4all	L 325 x W 43 x H 30 mm
87501112		9006210833934	Power supply LC 35W 48V	L 142 x W 43 x H 30 mm
87501113		9006210833941	Power supply LC 60W 48V	L 225 x W 43 x H 30 mm
87501114		9006210833958	Power supply LC 100W 48V	L 295 x W 43 x H 30 mm
87501115		9006210833965	Power supply LC 200W 48V	L 325 x W 43 x H 30 mm
28003840		9006210761978	Power supply LC 35W 48V	L 195 x W 43 x H 30 mm
1007406		7640382275080	Power supply 48V 60W triac	L 178 x W 61 x H 24 mm
1007408		7640382275103	Power supply 48V 90W triac	L 180 x W 60 x H 35 mm
1007704		7640382275158	Power supply 48V 200W phase dimmable	L 343 x W 68 x H 41 mm
1100079		7640382277855	LED Controller Bluetooth for TW/RGB	L 179 x W 56 x H 30 mm
1100080		7640382277879	Radio remote control for LED controller	L 122 x W 53 x H 17.5 mm
1100081		7640382277862	DALI Dimmer TW/RGB	L 175 x W 45 x H 27 mm

Specific technical data LED module

Article number 1007652

Performance	Luminous flux	Color temperature	CRI	SDCM	Maximum length)	Energy class
8.4 W	1254 lm	2700 K	80	3	21 m	D
18 W	2619 lm	2700 K	80	3	13 m	D
27.6 W	3977 lm	2700 K	80	3	9 m	D

Article number 1007653

Performance	Luminous flux	Color temperature	CRI	SDCM	Maximum length)	Energy class
8.4 W	1265 lm	3000 K	80	3	21 m	D
18 W	2643 lm	3000 K	80	3	13 m	D
27.6 W	4012 lm	3000 K	80	3	9 m	D

Article number 1007654

Performance	Luminous flux	Color temperature	CRI	SDCM	Maximum length)	Energy class
8.4 W	1367 lm	4000 K	80	3	21 m	D
18 W	2855 lm	4000 K	80	3	13 m	D
27.6 W	4335 lm	4000 K	80	3	9 m	D

Article number 1008062

Performance	Luminous flux	Color temperature	CRI	SDCM	Maximum length)	Energy class
8.4 W	1337 lm	3500 K	80	3	21 m	D
18 W	2793 lm	3500 K	80	3	13 m	D
27.6 W	4241 lm	3500 K	80	3	9 m	D

Article number 1100037

Performance	Luminous flux	Color temperature	CRI	SDCM	Maximum length)	Energy class
5.4 W	297 lm	red			10 m	
6.2 W	614 lm	green			10 m	
5.8 W	167 lm	blue			10 m	
18 W	981 lm	RGB			10 m	

Article number 1100045

Performance	Luminous flux	Color temperature	CRI	SDCM	Maximum length)	Energy class
18 W	2244 lm	2700 K	80	3	10 m	D
18 W	2437 lm	6500 K	80	5	10 m	D

*) The specification of the maximum length refers to a connection cable with a length of 1 m and a cross-section of 1.5mm². The maximum length decreases with increasing length and smaller cross-section. Here you will find a table with different cable lengths: [download](#)

Technical data

Article number	20.030
GTIN	
Designation	
Storage temperature	-25 ... +50 °C
Max. surface temperature	65 °C
Ambient temperature t_a	25 °C
Service life L80B10 (h) @ $t_a = 25^\circ\text{C}$	80000 h

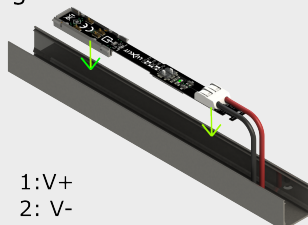
Lighting design

RELUX®

click on the Relux icon to access our lighting design data directly

Electrical connection

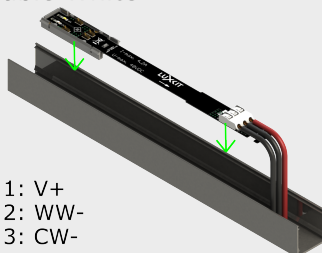
Single White



1: V+
2: V-

Ø0.5 - 1.5mm²
48V DC

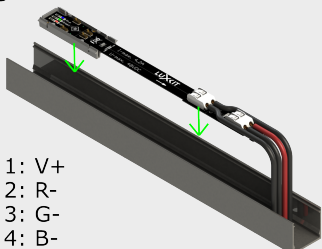
Tunable White



1: V+
2: WW-
3: CW-

Ø0.2 - 0.75mm²
48V DC

RGB

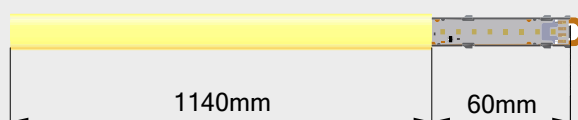
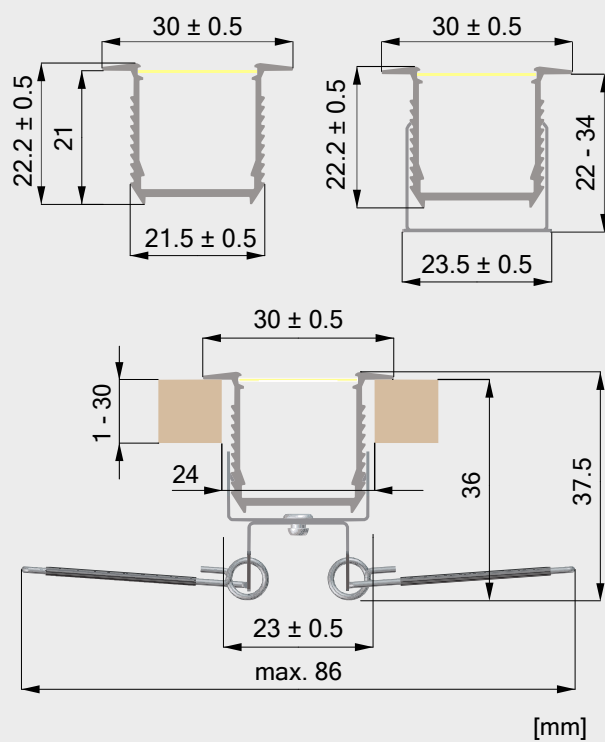


1: V+
2: R-
3: G-
4: B-

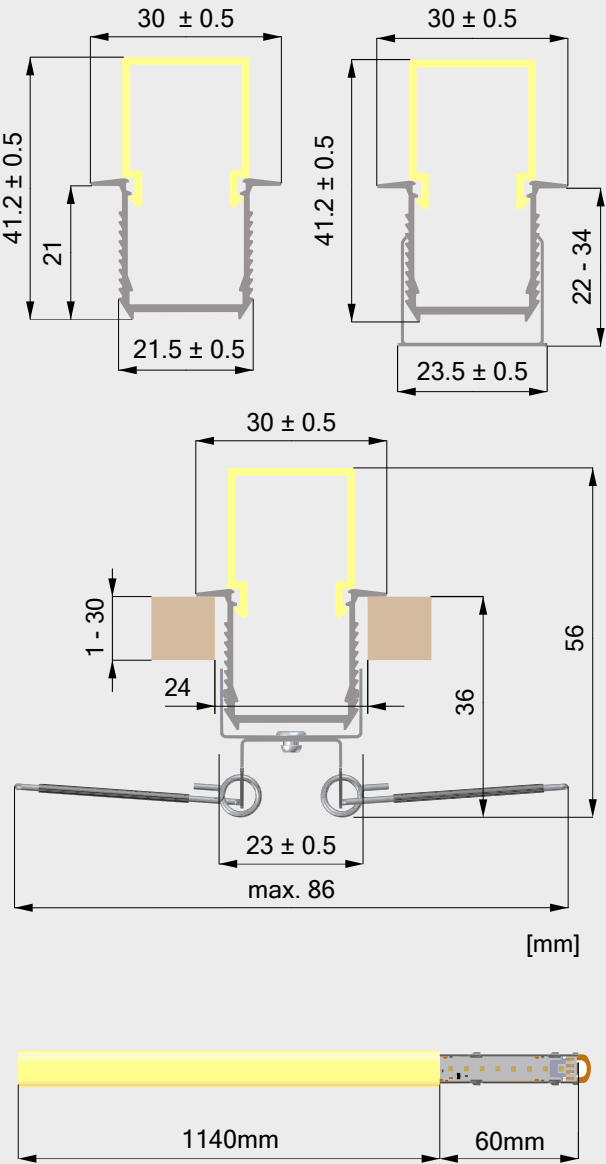
Ø0.2 - 0.75mm²
48V DC

20.030 luxKIT K20 - 20-O

Dimensions



20.030 luxKIT K20 - U20-O
Dimensions



Assembly instructions

20.030 luxKIT K20 - 20-O



20.030 luxKIT K20 - U20-O

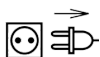


Cleaning and care

Clean the luminaire with a damp, lint-free cloth. Do not scrub! In case of heavy soiling, a weak soapy solution can be used (microfiber cloth with detergent). Do not use abrasive cleaners. Do not wipe the light dry, as the resulting static charge can destroy the electronics.

Warnings

The equipment may only be installed and put into service by authorised technical personnel (electrical fitters). The luminaire is designed solely for lighting applications and is to be installed according to the installation regulations. Any other form of use or installation is considered to be improper. Failure to comply with the installation instructions can damage the luminaire beyond repair. Return to the manufacturer if any defects are identified. The installation instructions must be retained for future reference. Subject to technical changes. Not to be installed on a wet or conductive substrate. The luminaire is only to be installed, put into service or modified in any way by authorised skilled personnel (a qualified electrician). National installation regulations must be observed. Before any work is performed on the luminaire, it must be disconnected from mains. Hot plug-in is not an option and may cause damage to the luminaire! The manufacturer is not liable for damage resulting from improper/faulty installation or operation, or from unauthorised modifications to the luminaire. The light source contained in this luminaire is only to be replaced by the manufacturer, a service technician authorised by the manufacturer or a similarly qualified person. Caution, risk of electric shock! In the event of questions or queries, please contact the manufacturer.



Disconnect the luminaire from the power supply.



Caution, risk of electric shock!



DISPOSAL

The packaging must be recycled via the DSD (Green Dot) scheme or its equivalent. Dispose of the packaging correctly sorted. Waste electrical and electronic equipment must never be disposed of together with household waste. In accordance with the EU directives, the device must be disposed of in an orderly manner at the end of its service life. This means having the materials contained in the device recycled to avoid polluting the environment. Take the waste equipment to a collection point for electrical and electronic waste or to a recycling depot. For further information, please contact your local waste disposal service or your local authority.



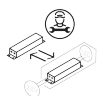
To avoid hazards, only LED converters approved by us may be used, otherwise all warranty claims will be invalidated. Exceptions can be approved by the manufacturer.

Permitted LED converters:

- smarterion Triac Power supply units
- Meanwell, HLG
- Tridonic LC/LCA



Light source replaceable by end user.



Control gear can be replaced by a specialist: The transformer must be replaced by a qualified electrician.

LUXKIT

Simple to handle, flexible to use.