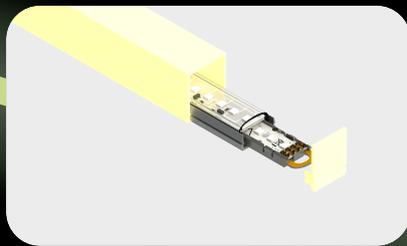
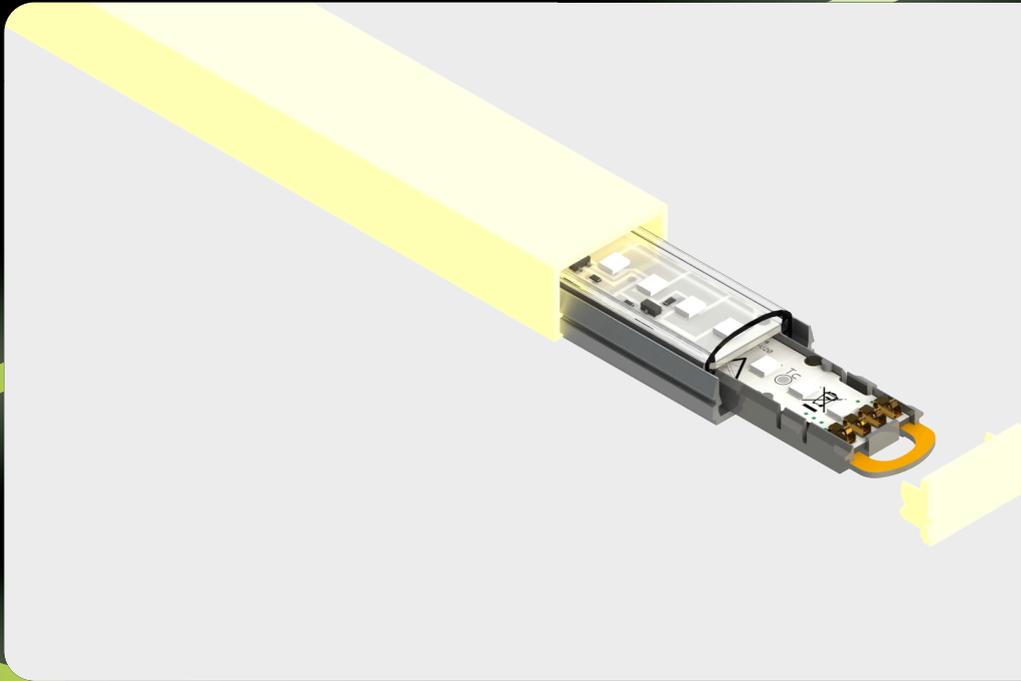


# LUXKIT

Simple to handle, flexible to use.



**Data sheet**

## luxKIT M20

LED systems

# luxKIT M20

Cover

LED module

Connector (flexible feeding)

Profile

End cap

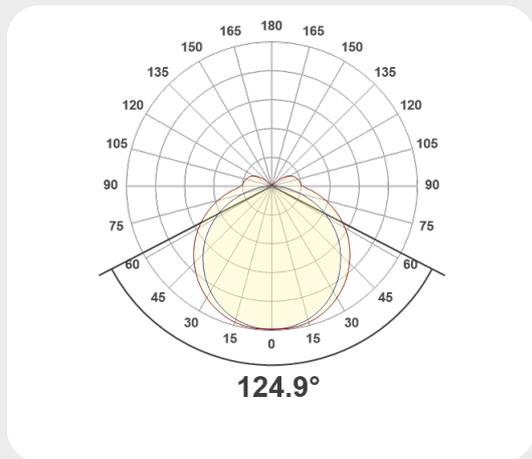
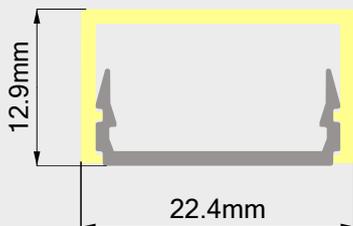
Mains adapter

luxKIT LED module with linear electrical connector

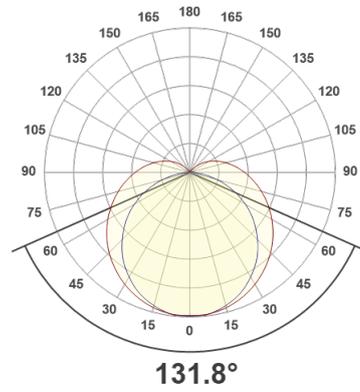
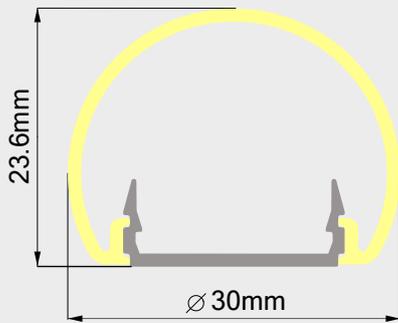
luxKIT connector

luxKIT flexible electrical connector

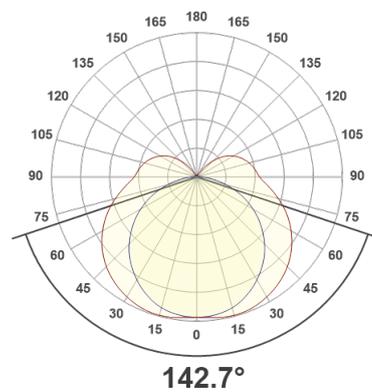
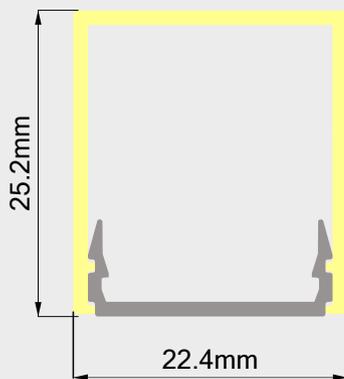
## 20.060 luxKIT M20 - M20-O



20.060 luxKIT M20 - OM20-O



20.060 luxKIT M20 - UM20-O



**LED systems** luxKIT M20

**Profile**



Article number  
1100140

Article number	GTIN	Designation	Properties
1100140	7640382278319	luxKIT Profil M20	anodized

### Covers and end caps



Article number  
1100143



Article number  
1100152

Article number	GTIN	Designation	Properties
<b>luxKIT Diffuser M20-O</b>			IK03
1100143	7640382278340	luxKIT Diffuser M20-O	opal
1100152	7640382278364	luxKIT Endkappen M20-M20-O	transparent



Article number  
1100142



Article number  
1100153

Article number	GTIN	Designation	Properties
<b>luxKIT Diffuser OM20-O</b>			IK03
1100142	7640382278333	luxKIT Diffuser OM20-O	opal
1100153	7640382278371	luxKIT Endkappen M20-OM20-O	transparent



Article number  
1100141



Article number  
1100151

Article number	GTIN	Designation	Properties
<b>luxKIT Diffuser UM20-O</b>			IK03
1100141	7640382278326	luxKIT Diffuser UM20-O	opal
1100151	7640382278357	luxKIT Endkappen M20-UM20-O	transparent

**LED modules incl. electrical connector linear**



Article number  
1100037



Article number  
1007652 / 1007653 / 1007654 /  
1008062



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
1007654	7640382274991	luxKIT LED Modul SW	48V DC / 3500 K / CRI80
1008062	7640382275912	luxKIT LED module	48V DC / 3500 K / CRI80
1100045	7640382277817	luxKIT LED Modul TW	48V DC / 2700...6500 / CRI80

## Accessories



Article number  
1100038



Article number  
1100046



Article number  
1007669



Article number  
1007693



Article number  
1100094



Article number  
1100048



Article number  
1100192

Article number	GTIN	Designation	Properties
1100038	7640382276247	luxKIT 48V connector RGB	Connection terminal 0.75 mm <sup>2</sup>
1100046	7640382277824	luxKIT 48V connector TW	Connection terminal 0.75 mm <sup>2</sup>
1007669	7640382275059	luxKIT 48V connector SW	Connection terminal 1.5 mm <sup>2</sup>
1007693	7640382275073	luxKIT Flex connector SW	max. 5A / 50V
1100094	7640382277930	luxKIT Flex-connector RGB/TW	max. 5A / 50V
1100048	7640382277831	luxKIT cable connector	max. 5A / 50V
1100192	7640382278869	luxKIT Kabelverbinder SW	

## 48 VDC control gear



Article number  
1007406



Article number  
1100080



Article number  
1007408



Article number  
1100081



Article number  
1007704

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



Article number  
1100079

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 1.5mm<sup>2</sup>. The maximum length decreases with increasing length and smaller cross-section. Here you will find a table with different cable lengths: [download](#)

### Technical data

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

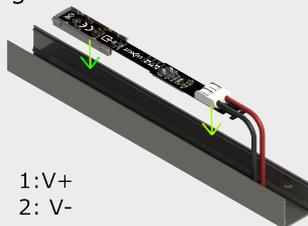
### Lighting design

**RELUX®**

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

### Electrical connection

#### Single White



Ø0.5 - 1.5mm<sup>2</sup>  
48V DC

- 1: V+
- 2: V-

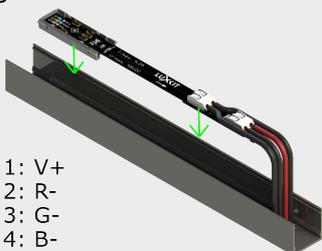
#### Tunable White



Ø0.2 - 0.75mm<sup>2</sup>  
48V DC

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

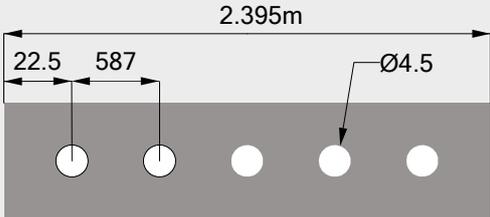
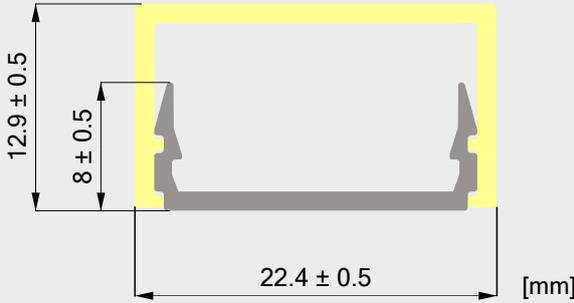
#### RGB



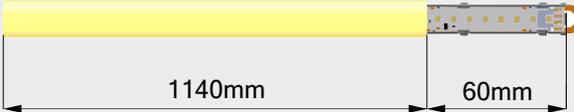
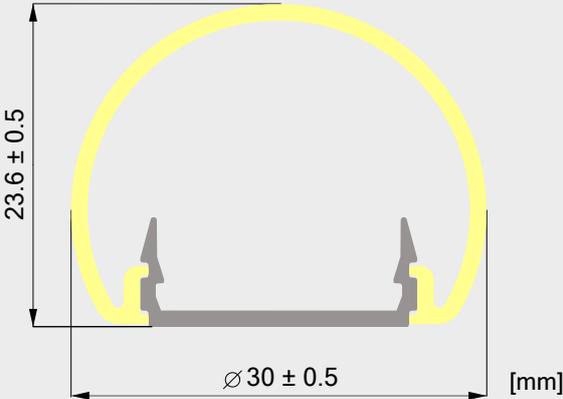
Ø0.2 - 0.75mm<sup>2</sup>  
48V DC

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

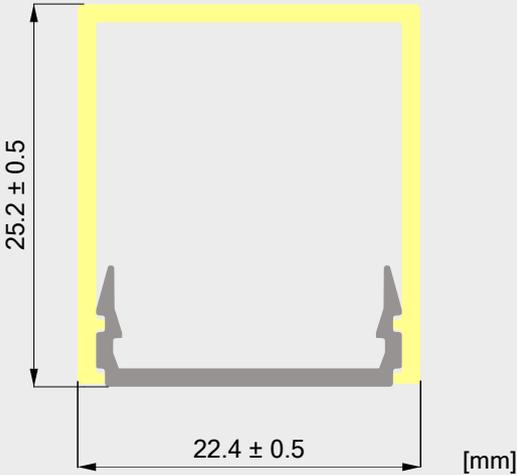
**20.060 luxKIT M20 - M20-O**  
**Dimensions**



**20.060 luxKIT M20 - OM20-O**  
**Dimensions**



**20.060 luxKIT M20 - UM20-O**  
**Dimensions**



### 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.