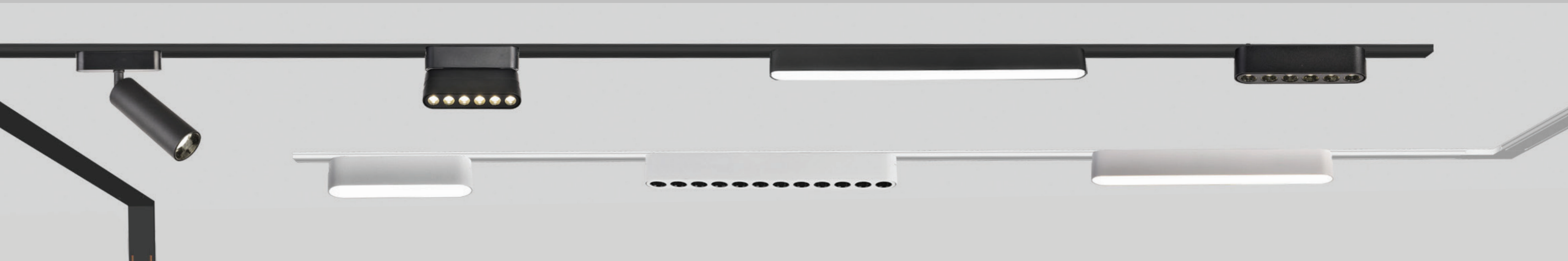




# CATALOG TEHNIC

TECHNICAL LIGHTING CATALOGUE

**KLAUSEN**  
for a bright life



Bun venit în lumea **iluminatului tehnic** inovator și sofisticat! Indiferent dacă vă doriți să transformați complet atmosfera unei încăperi sau să adăugați **accente subtile de lumină**, vă oferim soluții elegante și minimaliste, care îndeplinesc cele mai înalte standarde de calitate și design.

**Corpurile de iluminat pe șină magnetică sunt o inovație în domeniul iluminatului modern.** Acestea sunt ușor de montat și vă oferă posibilitatea **de a crea diverse efecte luminoase** pe perete și tavan, pentru a da viață ideilor voastre creative în materie de iluminat DIY. Fie că doriți un design liniar și curat sau unul eclectic și artistic, aceste produse vă vor permite să vă exprimați individualitatea în spațiul vostru de locuit.

Spoturile și proiectoarele cu LED pe șină magnetică au fost deja adoptate cu entuziasm de către designeri și arhitecți în diverse medii, de la dormitoare, sufragerii sau bucătării până

la birouri sau muzee, reușind să aducă un plus de eleganță și funcționalitate în orice încăpere.

Vă invităm să **descoperiți întreaga noastră gamă de track-uri, accesorii, drive-re și spoturi fixe și mobile**, care vor transforma orice spațiu într-o experiență vizuală deosebită.

Welcome to the world of innovative and sophisticated **technical lighting fixtures!** Whether you want to completely transform the atmosphere of a room or add subtle accents of light, we offer elegant and minimalist solutions that meet the highest standards of quality and design.

**Our magnetic track lighting fixtures are a revolution in modern lighting.** They are easy to install and allow you the flexibility to **create various lighting effects** on walls and ceilings, bringing your DIY creative ideas to life. Whether you prefer a clean and linear design or an eclectic and artistic one, these products will allow you to express your individuality in your living space.

These LED track lights and magnetic lighting fixtures have already been enthusiastically adopted by designers and architects in various environments, from bedrooms, living rooms, and kitchens to offices and museums, bringing

an extra touch of elegance and functionality to any room.

We invite you **to explore our complete range of tracks, accessories, drivers, and fixed and mobile spotlights**, which will transform any space into a remarkable visual experience.

# RO

# EN

# SPOTLIGHTS



BEAM W

KL171000

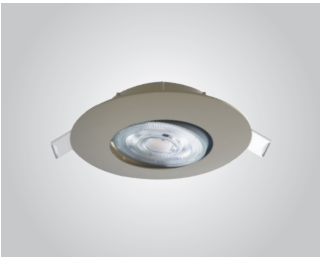
11



BEAM B

KL171001

11



BEAM N

KL171002

11



DOWN W

KL171003

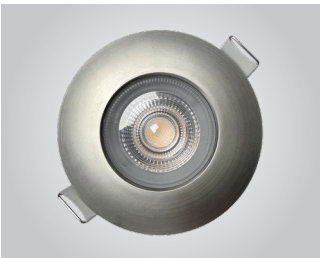
13



DOWN B

KL171004

13



DOWN N

KL171005

13

# SLIM MAGNETIC LIGHTING SYSTEM

## 1. TRACK LIGHTS



TRACK LIGHT 7W

KL181008  
KL181018

17  
17



TRACK LIGHT 7W

KL181009  
KL181019

17  
17



TRACK LIGHT 15W

KL181010  
KL181020

17  
17



TRACK LIGHT 15W

KL181011  
KL181021

17  
17



SLIM TRACK LIGHT 12W

KL181002  
KL181014

21  
21



SLIM TRACK LIGHT 12W

KL181003  
KL181015

21  
21



SLIM TRACK LIGHT 6W

KL181000  
KL181010

21  
21



SLIM TRACK LIGHT 6W

KL181001  
KL181012

21  
27



SLIM TRACK LIGHT 6W

KL181004  
KL181016

23  
23



SLIM TRACK LIGHT 6W

KL181005  
KL181017

23  
23



SLIM TRACK LIGHT 12W

KL181006

23

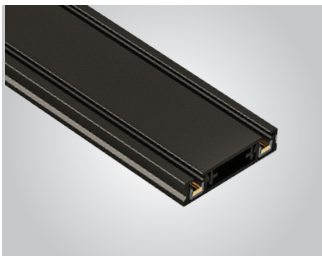


SLIM TRACK LIGHT 12W

KL181007

23

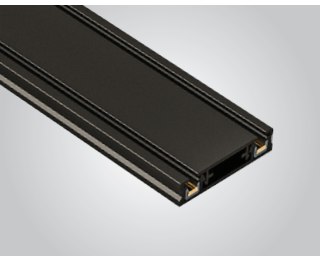
## 2. TRACKS



TRACK 1M BK

KL182000

25



TRACK 2M BK

KL182001

25



TRACK 1M WH

KL182002

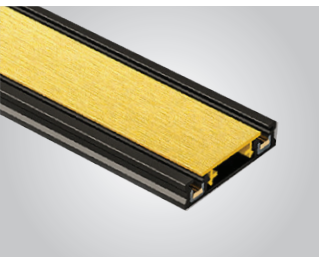
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TRACK 2M WH

KL182003

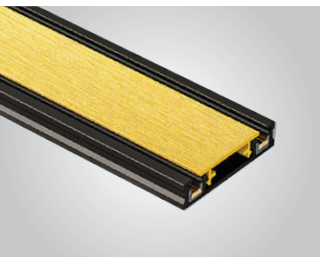
25



TRACK 1M GD

KL182004

25



TRACK 2M GD

KL182005

25

3. ACCESSORIES



ACCESSORY S-MBK

KL182006 29



ACCESSORY S-MWH

KL182007 29



ACCESSORY L-MBK

KL182008 29



ACCESSORY L-MWH

KL182009 29



ACCESSORY-XBK

KL182010 31



ACCESSORY-XWH

KL182011 31



ACCESSORY-TBK

KL182012 31



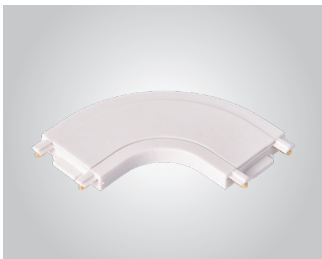
ACCESSORY-TWH

KL182013 31



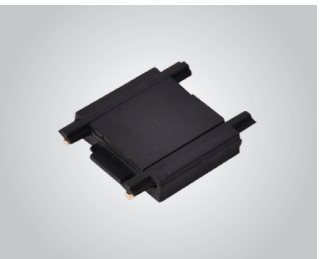
ACCESSORY-RBK

KL182014 33



ACCESSORY-RWH

KL182015 33



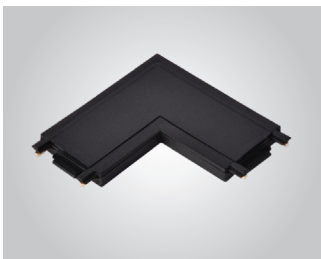
ACCESSORY-IBK

KL182016 33



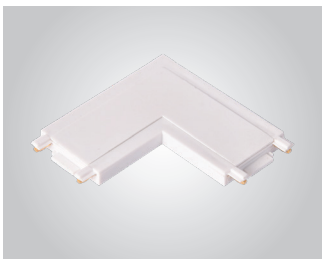
ACCESSORY-IWH

KL182017 33



ACCESSORY-LBK

KL182018 35



ACCESSORY-LWH

KL182019 35



ACCESSORY-INBK

KL182020 35



ACCESSORY-INWH

KL182021 35

4. DRIVERS



DRIVER 100W-BK

KL182022 37



DRIVER 100W-WH

KL182023 37



DRIVER 200W-BK

KL182024 37



DRIVER 200W-WH

KL182025 37







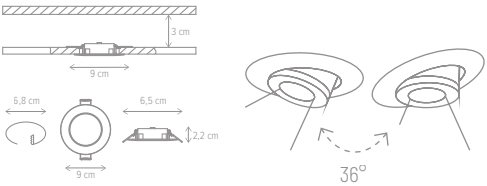


# BEAM

## BEAM



| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Chip LED/<br>Chip LED | Flux luminos<br>LED/LED<br>light flux | Temperatură<br>de culoare/<br>Colour<br>temperature(K) | Putere (W)/<br>Power (W) | Input voltaj/<br>Input voltage | Unghi<br>dispersie/<br>Beam angle | Clasă<br>energetică/<br>Energy<br>class |
|-------------------|-----------------------------|---------------------------|-----------------------|-----------------------|---------------------------------------|--------------------------------------------------------|--------------------------|--------------------------------|-----------------------------------|-----------------------------------------|
| BEAM W            | KL171000                    | H2,2 × Ø9cm               | plastic/plastic       | SMD<br>2835           | 480LM                                 | 4000K                                                  | 4,9W                     | 220-240V<br>50/60Hz            | 36°                               | F                                       |
| BEAM B            | KL171001                    | H2,2 × Ø9cm               | plastic/plastic       | SMD<br>2835           | 480LM                                 | 4000K                                                  | 4,9W                     | 220-240V<br>50/60Hz            | 36°                               | F                                       |
| BEAM N            | KL171002                    | H2,2 × Ø9cm               | plastic/plastic       | SMD<br>2835           | 480LM                                 | 4000K                                                  | 4,9W                     | 220-240V<br>50/60Hz            | 36°                               | F                                       |





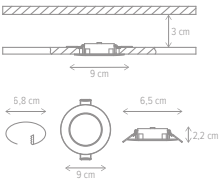


# DOWN

## DOWN



| Denumire/<br>Name                                                                            | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Chip LED/<br>Chip LED | Flux luminos<br>LED/LED<br>light flux | Temperatură<br>de culoare/<br>Colour<br>temperature(K) | Putere (W)/<br>Power (W) | Input voltaj/<br>Input voltage | Unghi<br>dispersie/<br>Beam angle | Clasă<br>energetică/<br>Energy<br>class |
|----------------------------------------------------------------------------------------------|-----------------------------|---------------------------|-----------------------|-----------------------|---------------------------------------|--------------------------------------------------------|--------------------------|--------------------------------|-----------------------------------|-----------------------------------------|
|  DOWN W | KL171003                    | H2,2 × Ø9cm               | plastic/plastic       | SMD<br>2835           | 480LM                                 | 4000K                                                  | 4,9W                     | 220-240V<br>50/60Hz            | 36°                               | F                                       |
|  DOWN B | KL171004                    | H2,2 × Ø9cm               | plastic/plastic       | SMD<br>2835           | 480LM                                 | 4000K                                                  | 4,9W                     | 220-240V<br>50/60Hz            | 36°                               | F                                       |
|  DOWN N | KL171005                    | H2,2 × Ø9cm               | plastic/plastic       | SMD<br>2835           | 480LM                                 | 4000K                                                  | 4,9W                     | 220-240V<br>50/60Hz            | 36°                               | F                                       |



IP 44

Warranty  
2 years

LED





CRI>80







## SLIM MAGNETIC LIGHTING SYSTEM

# RO

- **Eficiență energetică superioară:** Aceste spoturi sunt echipate cu LED-uri de înaltă performanță, care oferă un iluminat puternic, dar în același timp consumă foarte puțină energie electrică.
- **Montaj versatil:** Datorită designului lor ingenios, aceste spoturi pot fi montate pe orizontală sau pe verticală, pentru a evidenția obiectele sau elementele decorative. Reglarea unghiului de iluminat vă permite să creați atmosfera potrivită în orice încăpere.
- **Design modern și elegant:** Cu un design minimalist și finisaje de înaltă calitate, aceste spoturi adaugă un aspect contemporan și sofisticat oricărui spațiu în care sunt montate.
- **Control avansat al luminii:** Oferă posibilitatea de a regla intensitatea luminii și temperatura de culoare, astfel încât să puteți personaliza iluminarea în funcție de preferințele dvs. sau de nevoile momentului.
- **Durabilitate și fiabilitate:** Cu o construcție solidă și durabilă, aceste spoturi au o durată lungă de viață și necesită întreținere minimă.

# EN

- **Superior energy efficiency:** These spotlights are equipped with high-performance LEDs that provide powerful illumination while consuming very little electrical energy.
- **Versatile mounting:** Thanks to their ingenious design, these spotlights can be mounted horizontally or vertically to highlight objects or decorative elements. Adjustable lighting angle allows you to create the right atmosphere in any room.
- **Modern design and elegance:** With a minimalist design and high-quality finishes, these spotlights add a contemporary and sophisticated look to any space where they are installed.
- **Advanced light control:** They offer the possibility to adjust the light intensity and color temperature, allowing you to customize the lighting according to your preferences or current needs.
- **Durability and reliability:** With a solid and durable construction, these spotlights have a long lifespan and require minimal maintenance.



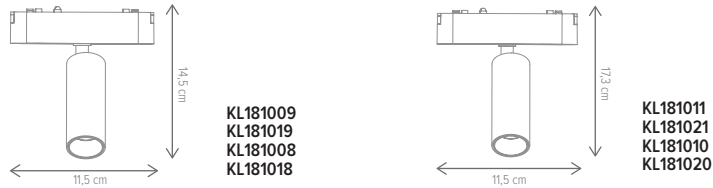


# 1. TRACK LIGHTS

## TRACK LIGHT 7W / 15W



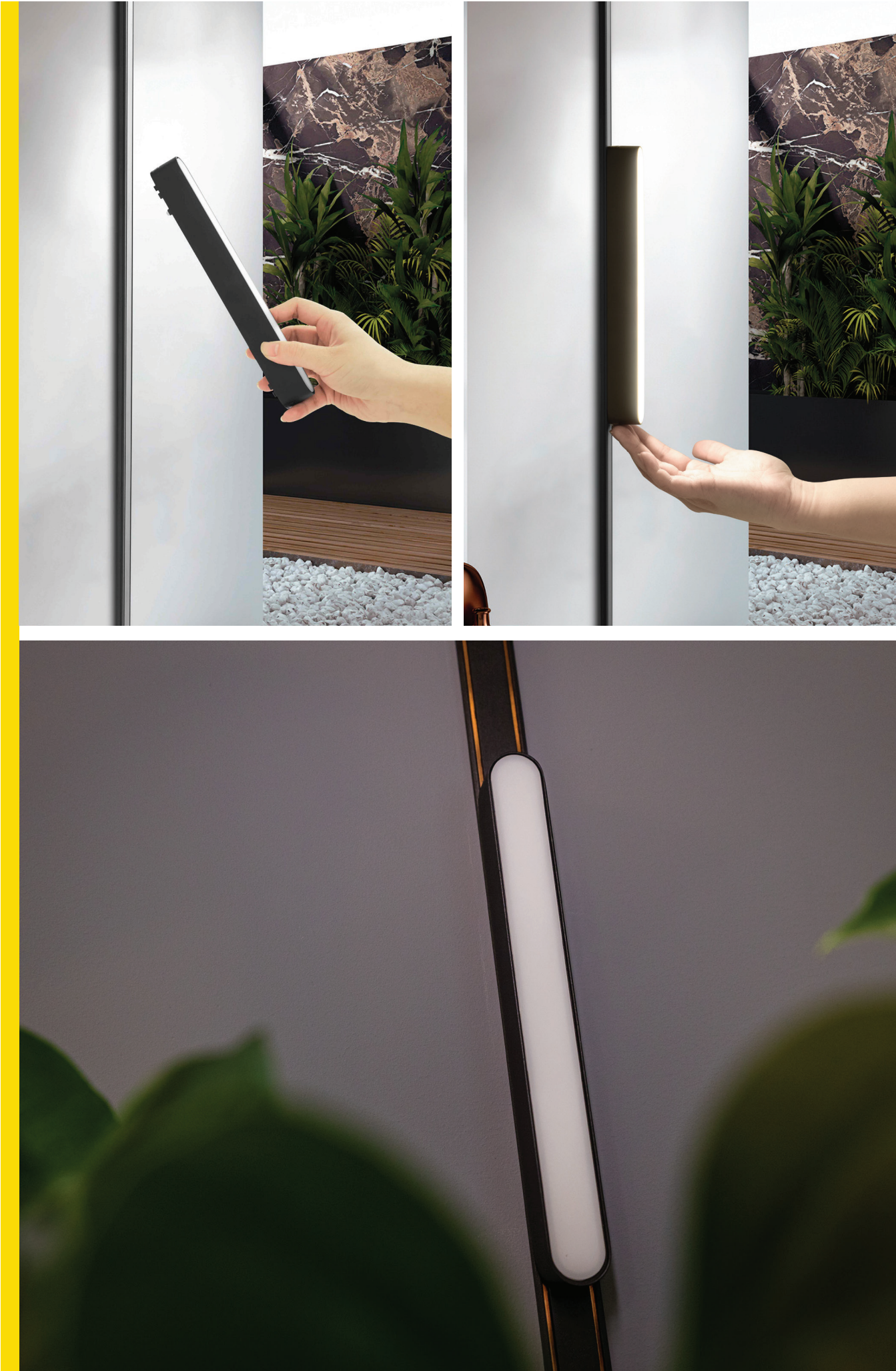
| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material      | Chip LED/<br>Chip LED | Flux luminos<br>LED/LED<br>light flux | Temperatură de<br>culoare/<br>Colour<br>temperature (K) | Putere (W)<br>Power (W) | Input voltaj/<br>Input voltage | Clasă<br>energetică/<br>Energy<br>class |
|-------------------|-----------------------------|---------------------------|----------------------------|-----------------------|---------------------------------------|---------------------------------------------------------|-------------------------|--------------------------------|-----------------------------------------|
| TRACK LIGHT 7W    | KL181009                    | H14,5 × L11,5 × W3cm      | aluminiu, PC/aluminium, PC | COB                   | 600LM                                 | 4000K                                                   | 7W                      | 48V, DC                        | G                                       |
| TRACK LIGHT 7W    | KL181019                    | H14,5 × L11,5 × W3cm      | aluminiu, PC/aluminium, PC | COB                   | 615LM                                 | 3000K                                                   | 7W                      | 48V, DC                        | G                                       |
| TRACK LIGHT 7W    | KL181008                    | H14,5 × L11,5 × W3cm      | aluminiu, PC/aluminium, PC | COB                   | 600LM                                 | 4000K                                                   | 7W                      | 48V, DC                        | G                                       |
| TRACK LIGHT 7W    | KL181018                    | H14,5 × L11,5 × W3cm      | aluminiu, PC/aluminium, PC | COB                   | 585LM                                 | 3000K                                                   | 7W                      | 48V, DC                        | G                                       |
| TRACK LIGHT 15W   | KL181011                    | H17,3 × L11,5 × W4,4cm    | aluminiu, PC/aluminium, PC | COB                   | 1350LM                                | 4000K                                                   | 15W                     | 48V, DC                        | G                                       |
| TRACK LIGHT 15W   | KL181021                    | H17,3 × L11,5 × W4,4cm    | aluminiu, PC/aluminium, PC | COB                   | 1365LM                                | 3000K                                                   | 15W                     | 48V, DC                        | G                                       |
| TRACK LIGHT 15W   | KL181010                    | H17,3 × L11,5 × W4,4cm    | aluminiu, PC/aluminium, PC | COB                   | 1360LM                                | 4000K                                                   | 15W                     | 48V, DC                        | G                                       |
| TRACK LIGHT 15W   | KL181020                    | H17,3 × L11,5 × W4,4cm    | aluminiu, PC/aluminium, PC | COB                   | 1245LM                                | 3000K                                                   | 15W                     | 48V, DC                        | G                                       |







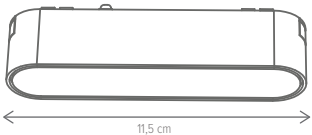




**SLIM TRACK LIGHT 6W / 12W**



| Denumire/<br>Name                                           | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Chip LED/<br>Chip LED | Flux luminos<br>LED/LED<br>light flux | Temperatură de<br>culoare/<br>Colour<br>temperature (K) | Putere (W)<br>Power (W) | Input voltaj/<br>Input voltage | Clasă<br>energetică/<br>Energy<br>class |
|-------------------------------------------------------------|-----------------------------|---------------------------|-----------------------|-----------------------|---------------------------------------|---------------------------------------------------------|-------------------------|--------------------------------|-----------------------------------------|
| <input type="checkbox"/> SLIM TRACK<br>LIGHT 6W             | KL181001                    | H2,8 × L11,5 × W2,6cm     | aluminiu/aluminium    | SMD 2835              | 360LM                                 | 4000K                                                   | 6W                      | 48V, DC                        | G                                       |
| <input type="checkbox"/> SLIM TRACK<br>LIGHT 6W             | KL181013                    | H2,8 × L11,5 × W2,6cm     | aluminiu/aluminium    | SMD 2835              | 460LM                                 | 3000K                                                   | 6W                      | 48V, DC                        | G                                       |
| <input checked="" type="checkbox"/> SLIM TRACK<br>LIGHT 6W  | KL181000                    | H2,8 × L11,5 × W2,6cm     | aluminiu/aluminium    | SMD 2835              | 350LM                                 | 4000K                                                   | 6W                      | 48V, DC                        | G                                       |
| <input checked="" type="checkbox"/> SLIM TRACK<br>LIGHT 6W  | KL181012                    | H2,8 × L11,5 × W2,6cm     | aluminiu/aluminium    | SMD 2835              | 320LM                                 | 3000K                                                   | 6W                      | 48V, DC                        | G                                       |
| <input type="checkbox"/> SLIM TRACK<br>LIGHT 12W            | KL181003                    | H2,8 × L22,2 × W2,6cm     | aluminiu/aluminium    | SMD 2835              | 860LM                                 | 4000K                                                   | 12W                     | 48V, DC                        | G                                       |
| <input type="checkbox"/> SLIM TRACK<br>LIGHT 12W            | KL181015                    | H2,8 × L22,2 × W2,6cm     | aluminiu/aluminium    | SMD 2835              | 990LM                                 | 3000K                                                   | 12W                     | 48V, DC                        | G                                       |
| <input checked="" type="checkbox"/> SLIM TRACK<br>LIGHT 12W | KL181002                    | H2,8 × L22,2 × W2,6cm     | aluminiu/aluminium    | SMD 2835              | 680LM                                 | 4000K                                                   | 12W                     | 48V, DC                        | G                                       |
| <input checked="" type="checkbox"/> SLIM TRACK<br>LIGHT 12W | KL181014                    | H2,8 × L22,2 × W2,6cm     | aluminiu/aluminium    | SMD 2835              | 470LM                                 | 3000K                                                   | 12W                     | 48V, DC                        | G                                       |



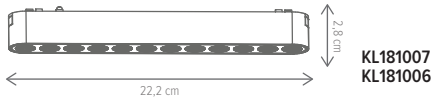
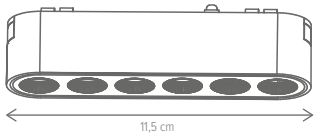




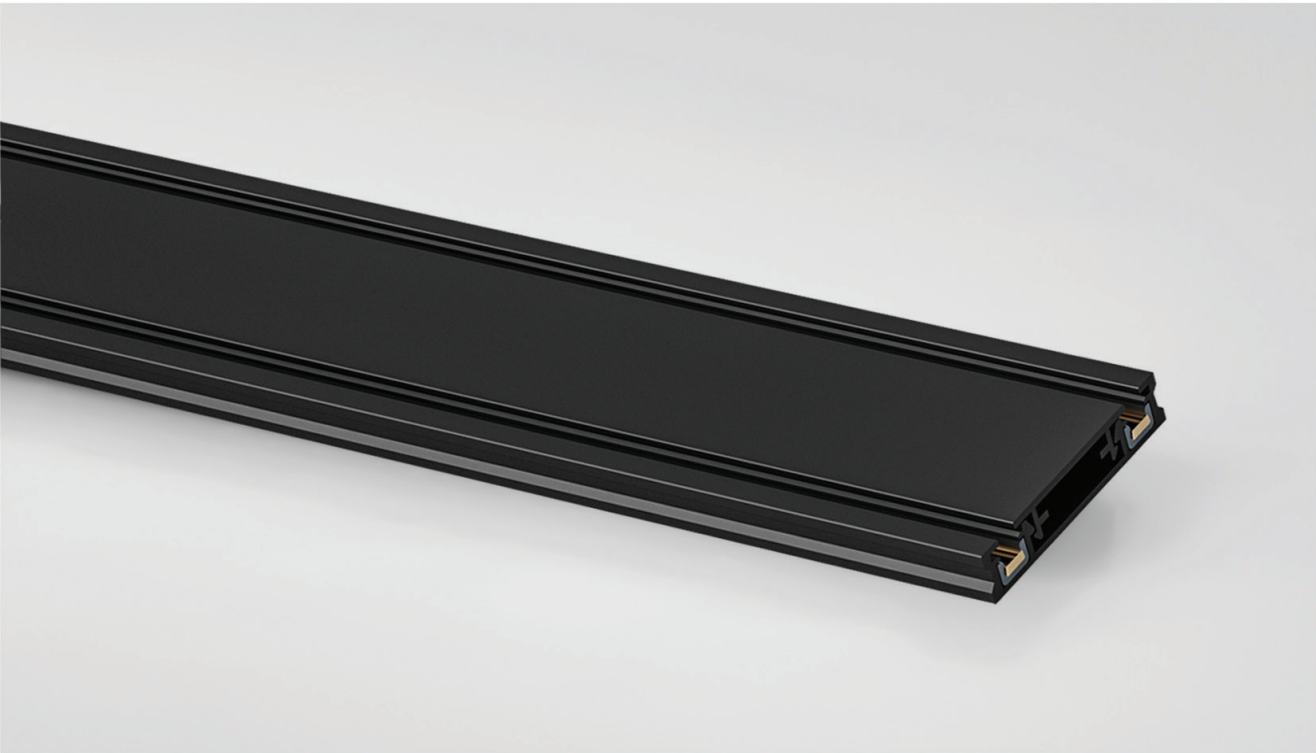
**SLIM TRACK LIGHT 6W / 12W**



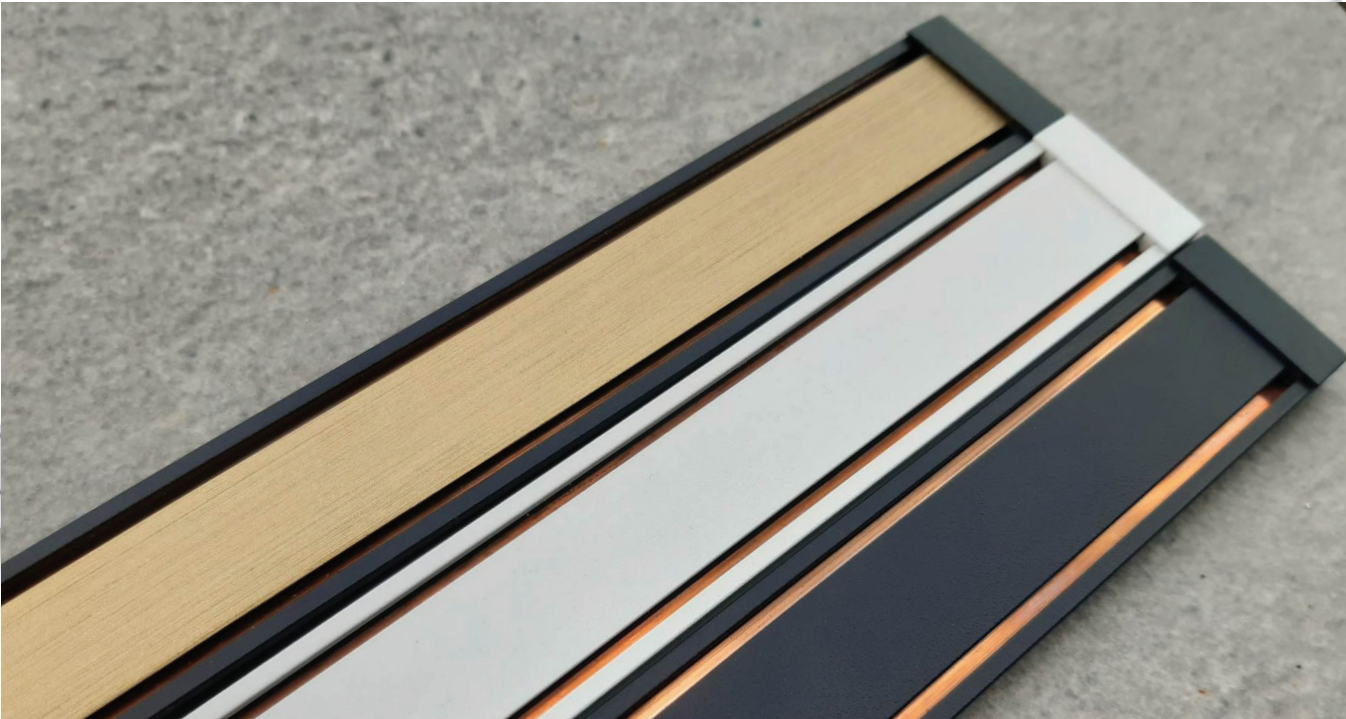
| Denumire/<br>Name                                           | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Chip LED/<br>Chip LED | Flux luminos<br>LED/LED<br>light flux | Temperatură de<br>culoare/<br>Colour<br>temperature (K) | Putere (W)<br>Power (W) | Input voltaj/<br>Input voltage | Clasă<br>energetică/<br>Energy<br>class |
|-------------------------------------------------------------|-----------------------------|---------------------------|-----------------------|-----------------------|---------------------------------------|---------------------------------------------------------|-------------------------|--------------------------------|-----------------------------------------|
| <input type="checkbox"/> SLIM TRACK<br>LIGHT 6W             | KL181005                    | H2,8 × L11,5 × W2,6cm     | aluminiu/aluminium    | SMD 3030              | 620LM                                 | 4000K                                                   | 6W                      | 48V, DC                        | F                                       |
| <input type="checkbox"/> SLIM TRACK<br>LIGHT 6W             | KL181017                    | H2,8 × L11,5 × W2,6cm     | aluminiu/aluminium    | SMD 3030              | 630LM                                 | 3000K                                                   | 6W                      | 48V, DC                        | F                                       |
| <input checked="" type="checkbox"/> SLIM TRACK<br>LIGHT 6W  | KL181004                    | H2,8 × L11,5 × W2,6cm     | aluminiu/aluminium    | SMD 3030              | 640LM                                 | 4000K                                                   | 6W                      | 48V, DC                        | F                                       |
| <input checked="" type="checkbox"/> SLIM TRACK<br>LIGHT 6W  | KL181016                    | H2,8 × L11,5 × W2,6cm     | aluminiu/aluminium    | SMD 3030              | 560LM                                 | 3000K                                                   | 6W                      | 48V, DC                        | F                                       |
| <input type="checkbox"/> SLIM TRACK<br>LIGHT 12W            | KL181007                    | H2,8 × L22,2 × W2,6cm     | aluminiu/aluminium    | SMD 3030              | 1340LM                                | 4000K                                                   | 12W                     | 48V, DC                        | F                                       |
| <input checked="" type="checkbox"/> SLIM TRACK<br>LIGHT 12W | KL181006                    | H2,8 × L22,2 × W2,6cm     | aluminiu/aluminium    | SMD 3030              | 1340LM                                | 4000K                                                   | 12W                     | 48V, DC                        | F                                       |



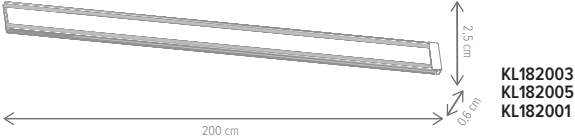
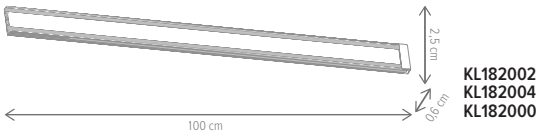




2. TRACK WH / TRACK GD / TRACK BK



| Denumire/<br>Name                    | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|--------------------------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| <input type="checkbox"/> TRACK 1M WH | KL182002                    | H0,6 × L100 × W2,5cm      | aluminiu/aluminium    | 48V, DC                        |
| <input type="checkbox"/> TRACK 2M WH | KL182003                    | H0,6 × L200 × W2,5cm      | aluminiu/aluminium    | 48V, DC                        |
| <input type="checkbox"/> TRACK 1M GD | KL182004                    | H0,6 × L100 × W2,5cm      | aluminiu/aluminium    | 48V, DC                        |
| <input type="checkbox"/> TRACK 2M GD | KL182005                    | H0,6 × L200 × W2,5cm      | aluminiu/aluminium    | 48V, DC                        |
| <input type="checkbox"/> TRACK 1M BK | KL182000                    | H0,6 × L100 × W2,5cm      | aluminiu/aluminium    | 48V, DC                        |
| <input type="checkbox"/> TRACK 2M BK | KL182001                    | H0,6 × L200 × W2,5cm      | aluminiu/aluminium    | 48V, DC                        |



KL182002  
KL182004  
KL182000

KL182003  
KL182005  
KL182001





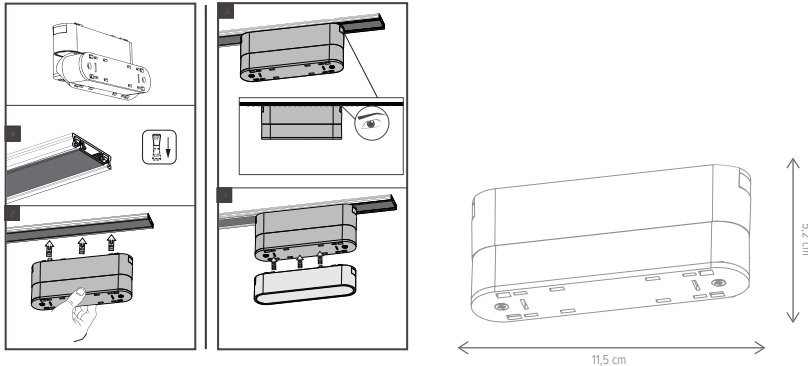


# 3. ACCESSORIES

## ACCESSORY S



| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|-------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| ACCESSORY S-MBK   | KL182007                    | H5,2 × L11,5 × W2,5cm     | PC/PC                 | 48V, DC                        |
| ACCESSORY S-MWH   | KL182006                    | H5,2 × L11,5 × W2,5cm     | PC/PC                 | 48V, DC                        |

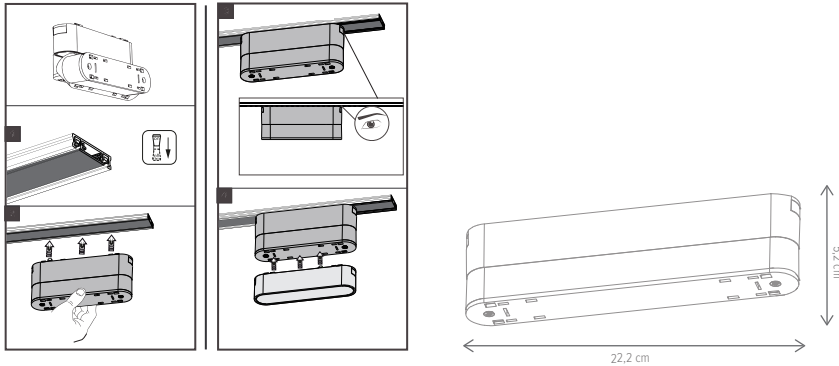


\* compatibil cu SLIM TRACK LIGHT 6W:  
KL181001, KL181013, KL181000, KL181012, KL181005, KL181017, KL181004, KL181016

## ACCESSORY L



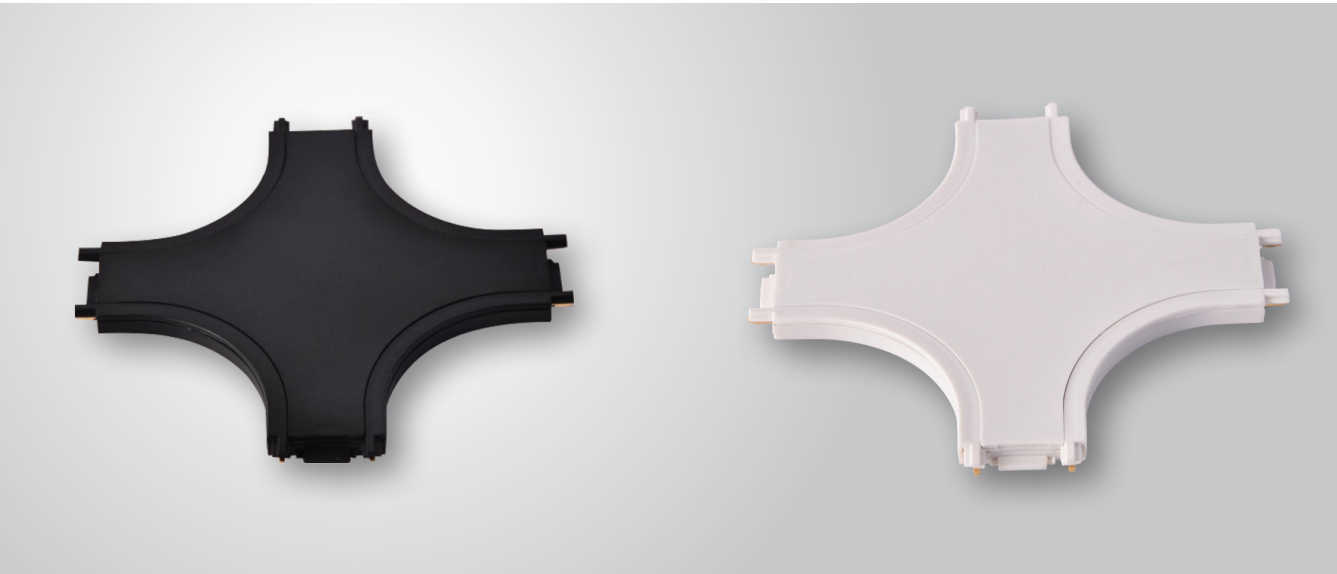
| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|-------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| ACCESSORY L-MBK   | KL182009                    | H5,2 × L22,2 × W2,5cm     | PC/PC                 | 48V, DC                        |
| ACCESSORY L-MWH   | KL182008                    | H5,2 × L22,2 × W2,5cm     | PC/PC                 | 48V, DC                        |



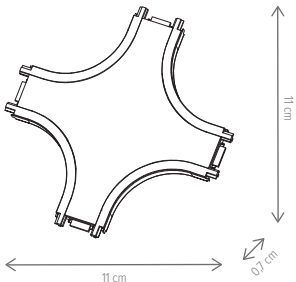
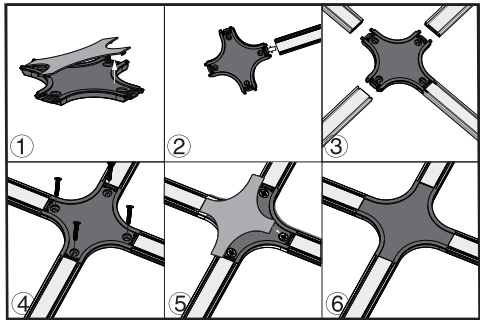
\* compatibil cu SLIM TRACK LIGHT 12W:  
KL181003, KL181015, KL181002, KL181014, KL181007, KL181006



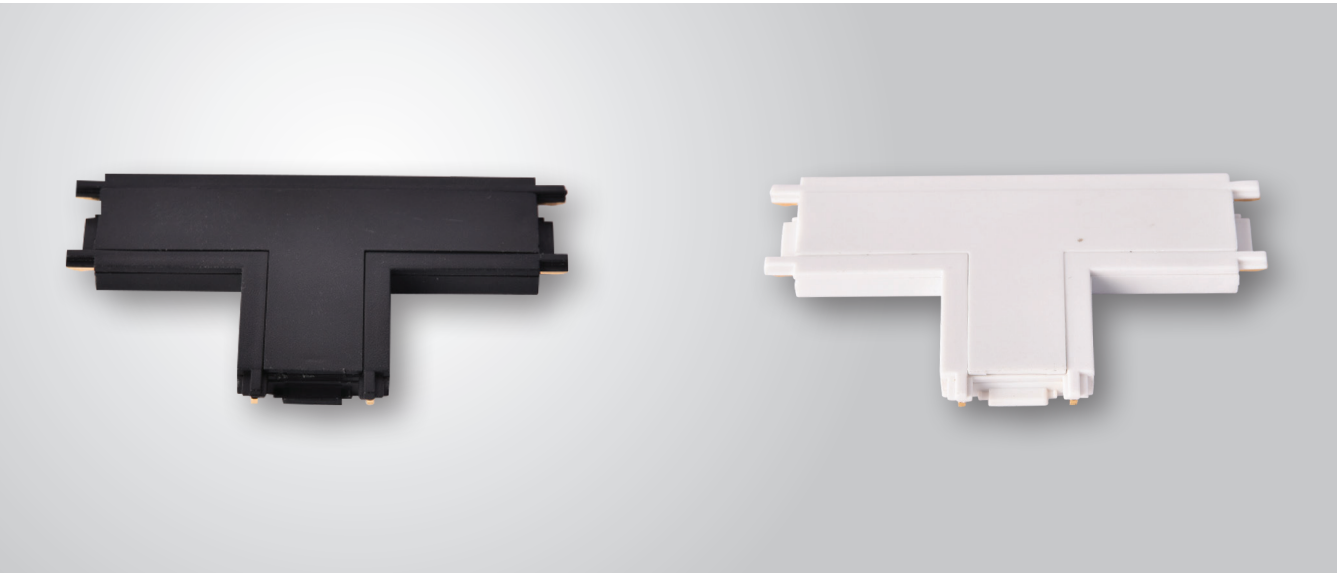
ACCESSORY X



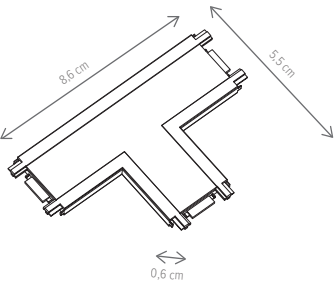
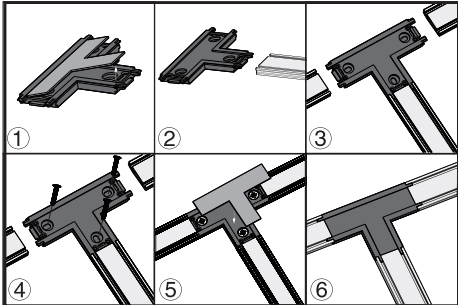
| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|-------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| ACCESSORY-XWH     | KL182011                    | H0,7 × L11 × W11cm        | cupru, PC/copper, PC  | 48V, DC                        |
| ACCESSORY-XBK     | KL182010                    | H0,7 × L11 × W11cm        | cupru, PC/copper, PC  | 48V, DC                        |



ACCESSORY T



| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|-------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| ACCESSORY-TWH     | KL182013                    | H0,6 × L8,6 × W5,5cm      | cupru, PC/copper, PC  | 48V, DC                        |
| ACCESSORY-TBK     | KL182012                    | H0,6 × L8,6 × W5,5cm      | cupru, PC/copper, PC  | 48V, DC                        |

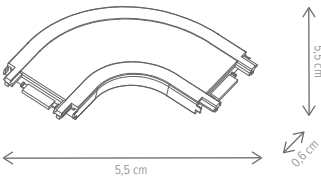
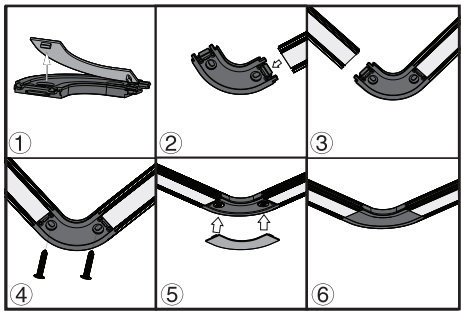




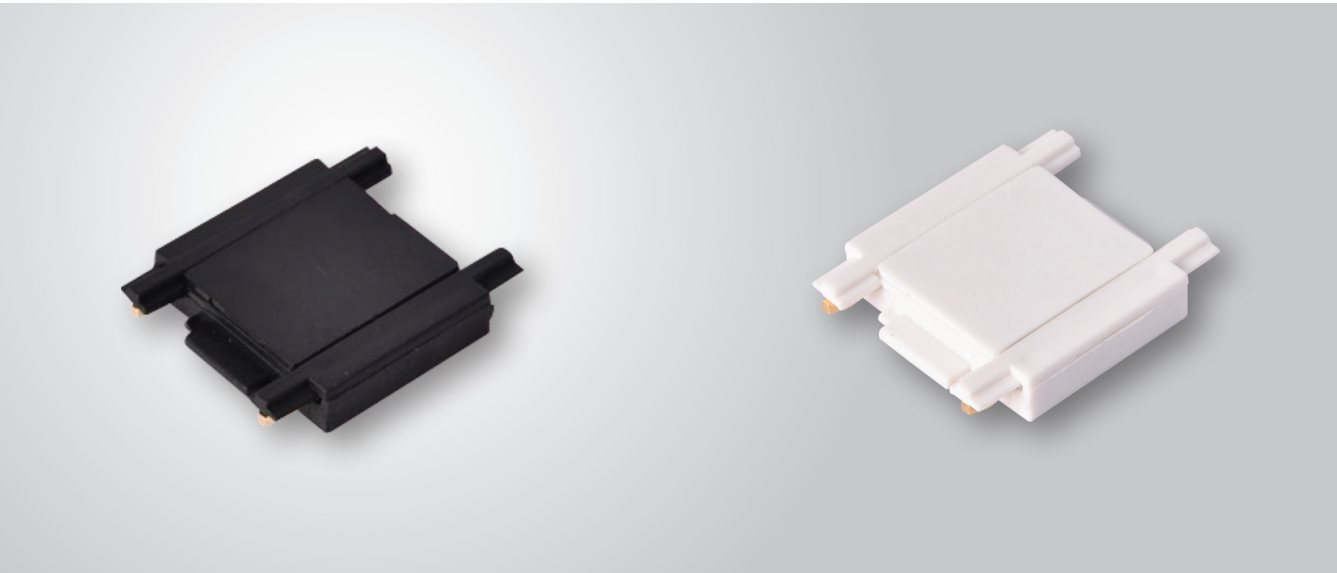
ACCESSORY R



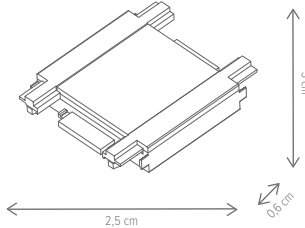
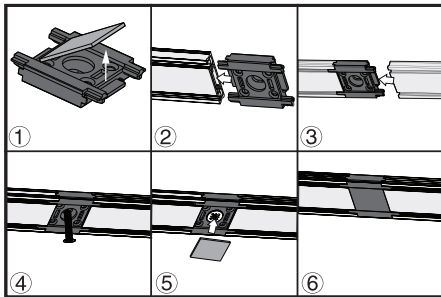
| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|-------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| ACCESSORY-RWH     | KL182015                    | H0,6 × L5,5 × W5,5cm      | cupru, PC/copper, PC  | 48V, DC                        |
| ACCESSORY-RBK     | KL182014                    | H0,6 × L5,5 × W5,5cm      | cupru, PC/copper, PC  | 48V, DC                        |



ACCESSORY I

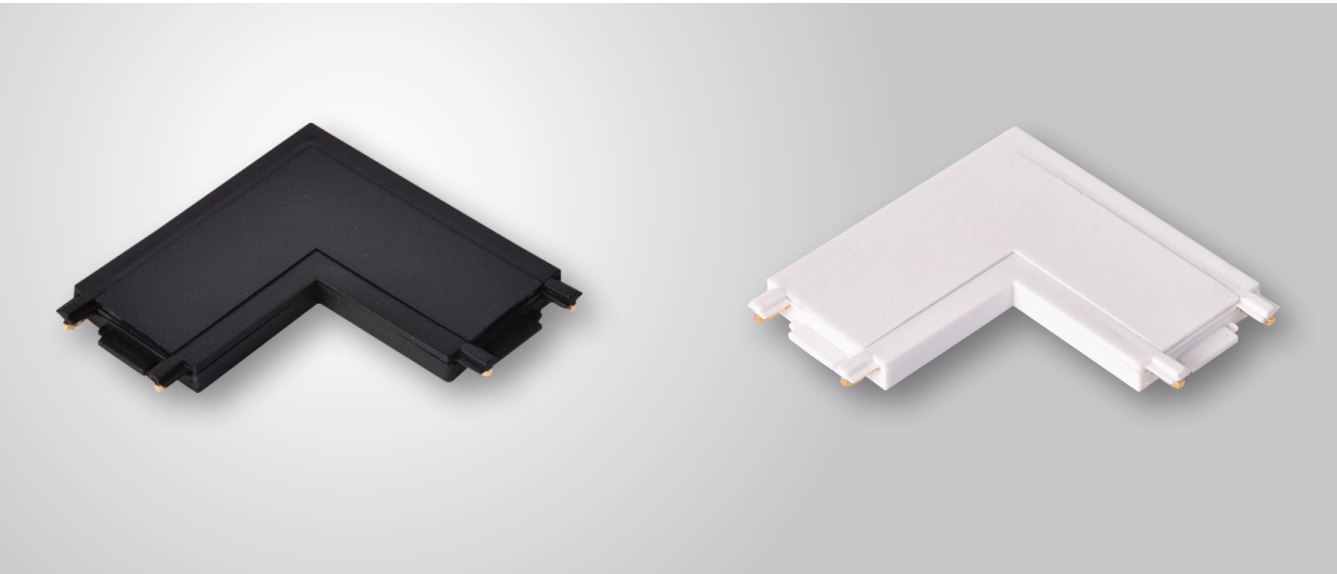


| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|-------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| ACCESSORY-IWH     | KL182017                    | H0,6 × L3 × W2,5cm        | cupru, PC/copper, PC  | 48V, DC                        |
| ACCESSORY-IBK     | KL182016                    | H0,6 × L3 × W2,5cm        | cupru, PC/copper, PC  | 48V, DC                        |

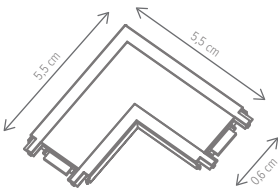
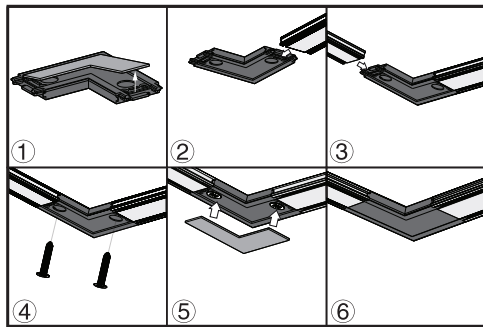




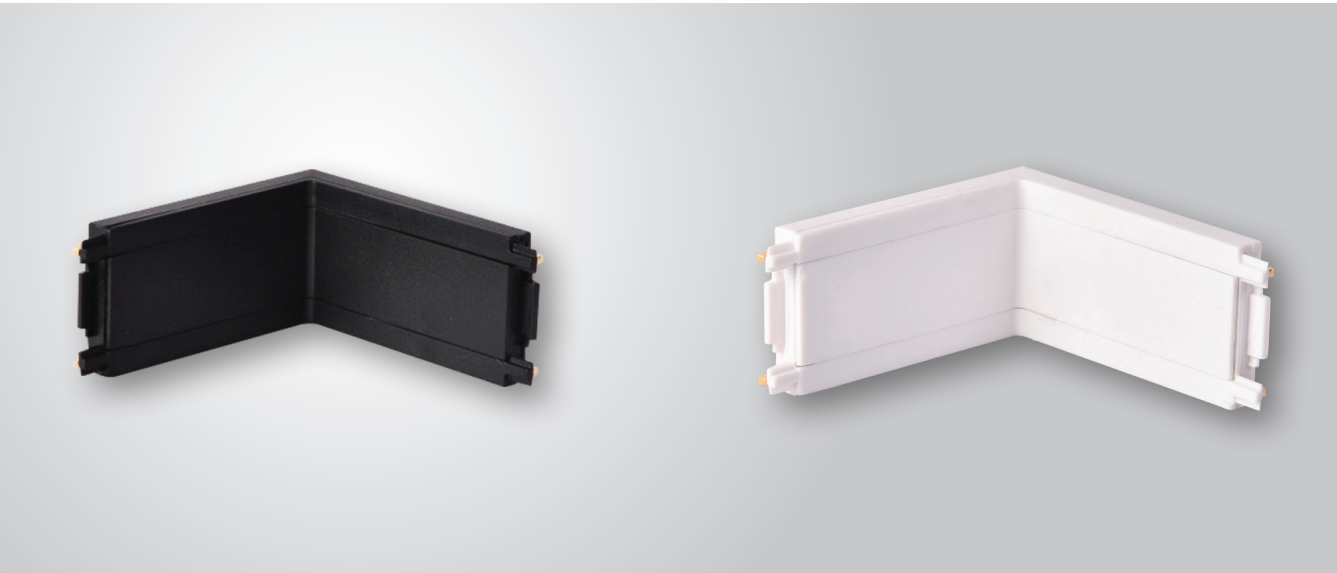
ACCESSORY L



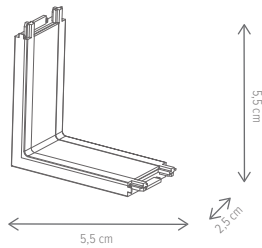
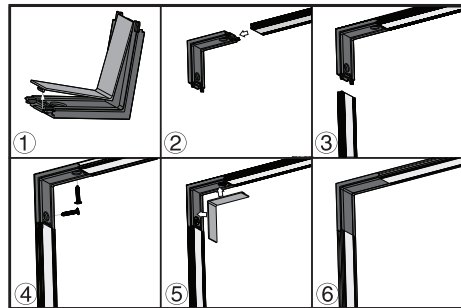
| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|-------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| ACCESSORY-LWH     | KL182019                    | H0,6 × L5,5 × W5,5cm      | cupru, PC/copper, PC  | 48V, DC                        |
| ACCESSORY-LBK     | KL182018                    | H0,6 × L5,5 × W5,5cm      | cupru, PC/copper, PC  | 48V, DC                        |



ACCESSORY IN

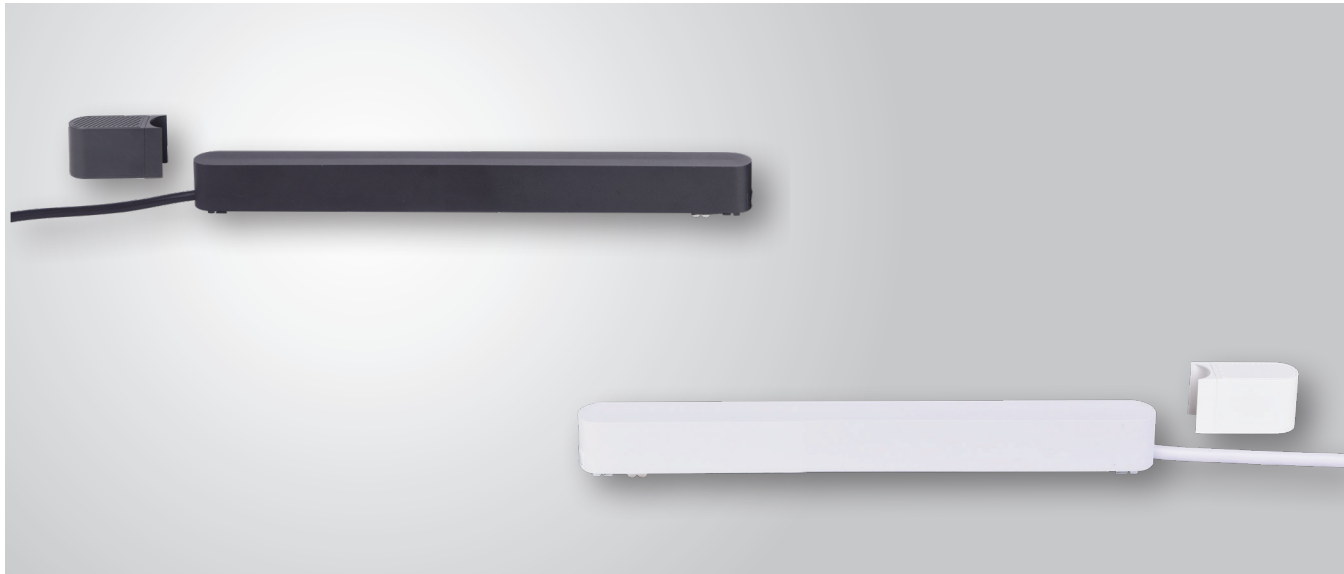


| Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material | Input voltaj/<br>Input voltage |
|-------------------|-----------------------------|---------------------------|-----------------------|--------------------------------|
| ACCESSORY-INWH    | KL182021                    | H2,5 × L5,5 × W5,5cm      | cupru, PC/copper, PC  | 48V, DC                        |
| ACCESSORY-INBK    | KL182020                    | H2,5 × L5,5 × W5,5cm      | cupru, PC/copper, PC  | 48V, DC                        |





DRIVER 100W

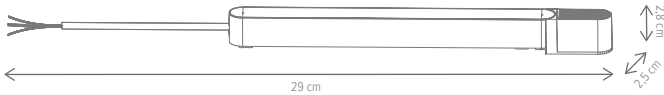


DRIVER 200W

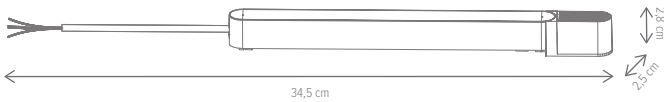


4. DRIVERS

|   | Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material      | Output voltaj/<br>Output voltage | Putere (W)/<br>Power (W) | Input voltaj/<br>Input voltage |
|---|-------------------|-----------------------------|---------------------------|----------------------------|----------------------------------|--------------------------|--------------------------------|
| ■ | DRIVER 100W-WH    | KL182023                    | H2,8 × L29 × W2,5cm       | aluminiu, PC/aluminium, PC | 48V, DC                          | 100W                     | 170-240V, 50/60Hz              |
| ■ | DRIVER 100W-BK    | KL182022                    | H2,8 × L29 × W2,5cm       | aluminiu, PC/aluminium, PC | 48V, DC                          | 100W                     | 170-240V, 50/60Hz              |



|   | Denumire/<br>Name | Cod produs/<br>Product code | Dimensiuni/<br>Dimensions | Material/<br>Material      | Output voltaj/<br>Output voltage | Putere (W)/<br>Power (W) | Input voltaj/<br>Input voltage |
|---|-------------------|-----------------------------|---------------------------|----------------------------|----------------------------------|--------------------------|--------------------------------|
| ■ | DRIVER 200W-WH    | KL182025                    | H2,8 × L34,5 × W2,5cm     | aluminiu, PC/aluminium, PC | 48V, DC                          | 200W                     | 170-240V, 50/60Hz              |
| ■ | DRIVER 200W-BK    | KL182024                    | H2,8 × L34,5 × W2,5cm     | aluminiu, PC/aluminium, PC | 48V, DC                          | 200W                     | 170-240V, 50/60Hz              |









Toate corpurile de iluminat comercializate de SC Klausen Exim SRL, sunt marcate cu CE și respectă normele și directivele în vigoare al Uniunii Europene.

All lighting fixtures by SC Klausen Exim SRL, are CE marked and comply with the norms and directives in force of the European Union.

Produsele comercializate de SC Klausen Exim SRL respectă Directiva Europeană 2002/95/EC cu privire la toate echipamentele electrice și electronice vândute în țările membre ale Uniunii Europene după 01.07.2006. Scopul directivei este cel de a limita folosirea unor substanțe periculoase în echipamente și de a stabili un sistem de prevenire și gestiune a unor astfel de reziduuri, favorizând recuperarea, reciclarea și colectarea diferențiată.

The products sold by SC Klausen Exim SRL comply with the European Directive 2002/95/EC on all electrical and electronic equipment sold in the member states of the

European Union after July 1st 2006. The purpose of the directive is to limit the use of hazardous substances in equipment and to establish a system for the prevention and management of such residues, favoring the recovery, recycling and differential collection.

Fotografiile, dimensiunile și culorile produselor prezentate în acest catalog sunt doar cu titlu informativ. Este posibilă alternanța model/culoare. Ne rezervăm dreptul de a modifica produsele. Reproducerea parțială sau totală a acestui catalog este interzisă fără permisiunea Klausen Exim. Toate drepturile rezervate. Pentru eventualele greșeli de tipar ne cerem scuze.

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# SEMNIFICAȚIA GRADELOR DE PROTECȚIE / THE SIGNIFICANCE OF IP PROTECTION DEGREES

Protecția corpurilor de iluminat la pătrunderea particulelor solide și a umidității este exprimată în grade IP. Prima cifră corespunde gradului de protecție la particule solide, a doua la protecția împotriva apei/umidității, conform datelor de mai jos:

Prima cifră IP/First IP digit:

IP 2

Protejat contra pătrunderii corpurilor solide mai mari de 12 mm.  
Protected against the ingress of solid bodies larger than 12 mm.

The protection of lighting fixtures against ingress of solid foreign objects and against harmful ingress of water/moisture is expressed by IP degrees of protection. The first digit shows the degree of protection against solid particles, the second digit indicates the extent of protection against water/moisture. Please consult the information below:

A doua cifră IP/Second IP digit:

IP 1

Protejat la picăturile de apă care cad vertical (condens).  
Protected against vertically falling drops of water (condensation).

# LEGENDĂ / KEY OF SYMBOLS

|         |                                                                                                                                                                                                                                                                      |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | Sistemul certifică conformitatea corpului de iluminat cu standardele europene SREN 60598<br>The system certifies the luminaire's compliance with the European standards SREN 60598                                                                                   |
| H/L/W/Ø | Înălțime/ Lățime/ Adâncime/ Diametru<br>Height / Lenght / Width / Diameter                                                                                                                                                                                           |
|         | Becul este inclus<br>The light bulb is included                                                                                                                                                                                                                      |
|         | Recomandat montajul în spații cu posibilitate de aprindere. Materialele trebuie să aibă o temperatură de aprindere mai mare de 200°C.<br>Recommended mounting in spaces with possibility of ignition. Materials must have an ignition temperature higher than 200°C. |
|         | Aparatul necesită împământare<br>The device requires grounding                                                                                                                                                                                                       |
|         | Izolație dublă sau întărită, aparatul nu necesită împământare.<br>Double or reinforced insulation, the appliance does not require grounding.                                                                                                                         |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LED | Produs echipat cu LED<br>LED equipped products                                                                                                                                                                                                                                                                                                                                                                                                                  |
|     | Aceste produse au 3 ani garanție<br>These products have a 3 years warranty                                                                                                                                                                                                                                                                                                                                                                                      |
|     | Aceste produse au 2 ani garanție<br>These products have a 2 years warranty                                                                                                                                                                                                                                                                                                                                                                                      |
|     | Tensiunea de alimentare la toate produsele este între 170-240V~ 50Hz / 48V, DC<br>Supply voltage for all products is between 170-240V~ 50Hz / 48V, DC                                                                                                                                                                                                                                                                                                           |
| G/F | Clasele energetice, conform noilor reglementări, pentru corpuri de iluminat cu sursa inclusă și care nu poate fi înlocuită fără distrugerea corpului, sunt de la A la G. Litera indică încadrarea produsului într-o clasă energetică.<br>The new energy classes, according to the new regulations, concerns luminaires where the light source cannot be removed without destroying it, and ranges from A to G. The letter indicates the product's energy class. |





INDEX / INDEX

|                      |          |               |    |
|----------------------|----------|---------------|----|
| BEAM W               | KL171000 | 5944009085406 | 11 |
| BEAM B               | KL171001 | 5944009085413 | 11 |
| BEAM N               | KL171002 | 5944009085420 | 11 |
| DOWN W               | KL171003 | 5944009085437 | 13 |
| DOWN B               | KL171004 | 5944009085444 | 13 |
| DOWN N               | KL171005 | 5944009085451 | 13 |
| TRACK LIGHT 7W       | KL181009 | 5944009085772 | 17 |
| TRACK LIGHT 7W       | KL181019 | 5944009086878 | 17 |
| TRACK LIGHT 7W       | KL181008 | 5944009085765 | 17 |
| TRACK LIGHT 7W       | KL181018 | 5944009086861 | 17 |
| TRACK LIGHT 15W      | KL181011 | 5944009085796 | 17 |
| TRACK LIGHT 15W      | KL181021 | 5944009086892 | 17 |
| TRACK LIGHT 15W      | KL181010 | 5944009085789 | 17 |
| TRACK LIGHT 15W      | KL181020 | 5944009086885 | 17 |
| SLIM TRACK LIGHT 6W  | KL181001 | 5944009085475 | 21 |
| SLIM TRACK LIGHT 6W  | KL181013 | 5944009086816 | 21 |
| SLIM TRACK LIGHT 6W  | KL181000 | 5944009085468 | 21 |
| SLIM TRACK LIGHT 6W  | KL181012 | 5944009086809 | 21 |
| SLIM TRACK LIGHT 12W | KL181003 | 5944009085499 | 21 |
| SLIM TRACK LIGHT 12W | KL181015 | 5944009086830 | 21 |
| SLIM TRACK LIGHT 12W | KL181002 | 5944009085482 | 21 |
| SLIM TRACK LIGHT 12W | KL181014 | 5944009086823 | 21 |
| SLIM TRACK LIGHT 6W  | KL181005 | 5944009085512 | 23 |
| SLIM TRACK LIGHT 6W  | KL181017 | 5944009086854 | 23 |
| SLIM TRACK LIGHT 6W  | KL181004 | 5944009085505 | 23 |
| SLIM TRACK LIGHT 6W  | KL181016 | 5944009086847 | 23 |
| SLIM TRACK LIGHT 12W | KL181007 | 5944009085536 | 23 |
| SLIM TRACK LIGHT 12W | KL181006 | 5944009085529 | 23 |
| TRACK 1M BK          | KL182000 | 5944009085536 | 25 |
| TRACK 2M BK          | KL182001 | 5944009085550 | 25 |
| TRACK 1M GD          | KL182004 | 5944009085581 | 25 |
| TRACK 2M GD          | KL182005 | 5944009085598 | 25 |
| TRACK 1M WH          | KL182002 | 5944009085567 | 25 |
| TRACK 2M WH          | KL182003 | 5944009085574 | 25 |
| ACCESSORY S-MBK      | KL182006 | 5944009085604 | 29 |
| ACCESSORY S-MWH      | KL182007 | 5944009085635 | 29 |
| ACCESSORY L-MBK      | KL182008 | 5944009085642 | 29 |
| ACCESSORY L-MWH      | KL182009 | 5944009085659 | 29 |
| ACCESORY-XWH         | KL182011 | 5944009085628 | 31 |
| ACCESORY-XBK         | KL182010 | 5944009085611 | 31 |
| ACCESORY-TWH         | KL182013 | 5944009085673 | 31 |
| ACCESORY-TBK         | KL182012 | 5944009085666 | 31 |
| ACCESORY-RWH         | KL182015 | 5944009085697 | 33 |
| ACCESORY-RBK         | KL182014 | 5944009085680 | 33 |
| ACCESORY-IWH         | KL182017 | 5944009085710 | 33 |
| ACCESORY-IBK         | KL182016 | 5944009085703 | 33 |
| ACCESORY-LWH         | KL182019 | 5944009085734 | 35 |
| ACCESORY-LBK         | KL182018 | 5944009085727 | 35 |
| ACCESORY-INWH        | KL182021 | 5944009085758 | 35 |
| ACCESORY-INBK        | KL182020 | 5944009085741 | 35 |
| DRIVER 100W-WH       | KL182023 | 5944009085819 | 37 |
| DRIVER 100W-BK       | KL182022 | 5944009085802 | 37 |
| DRIVER 200W-WH       | KL182025 | 5944009085727 | 37 |
| DRIVER 200W-BK       | KL182024 | 5944009085833 | 37 |

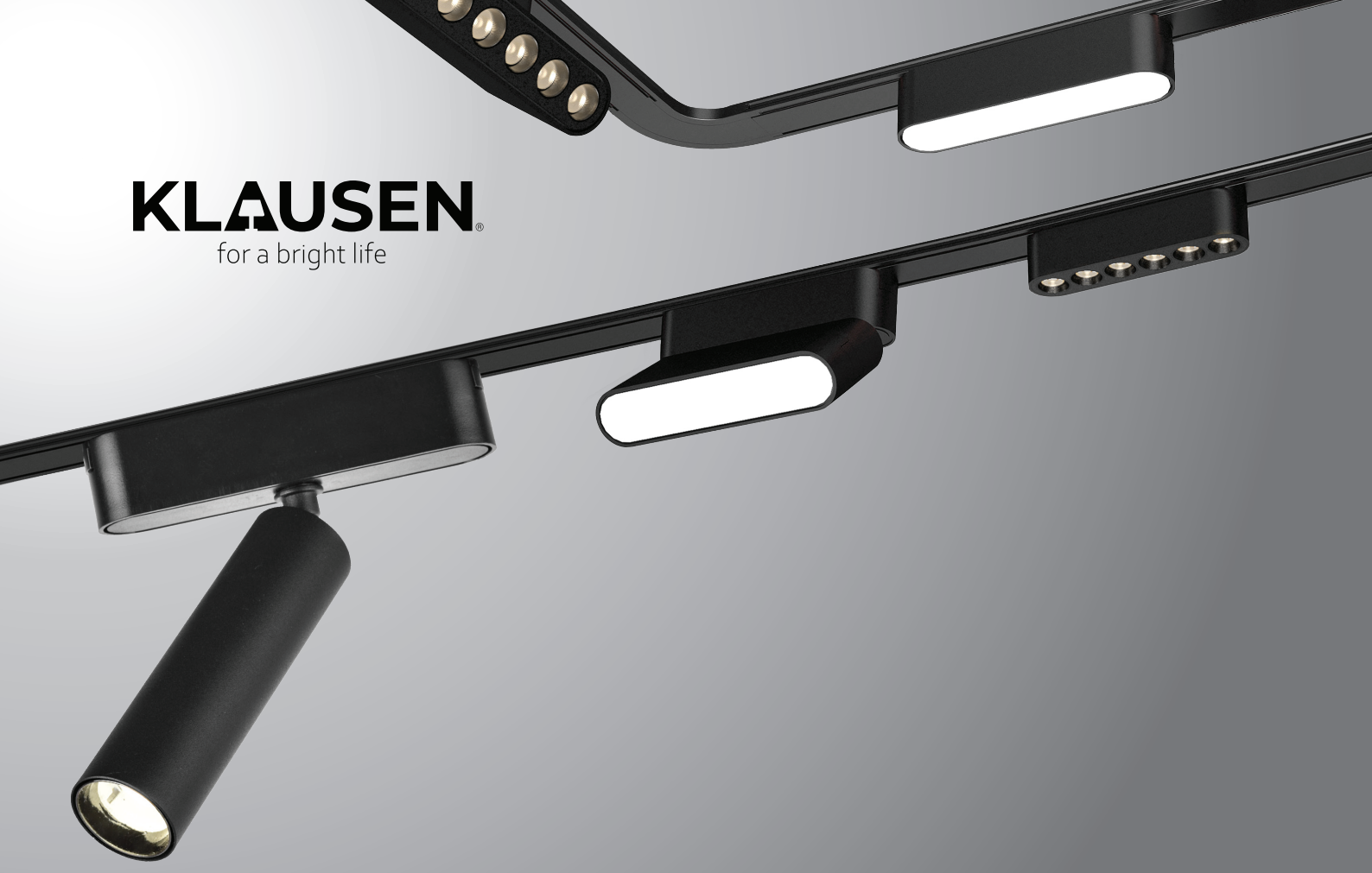
| Nr. crt./<br>Crt. no. | Denumire produs/<br>Product name | Cod/Code | Cod de bare/Bare cod                                                                  | Nr. pag./<br>Pag. no. | Nr. crt./<br>Crt. no. | Denumire produs/<br>Product name | Cod/Code | Cod de bare/Bare cod                                                                  | Nr. pag./<br>Pag. no. |
|-----------------------|----------------------------------|----------|---------------------------------------------------------------------------------------|-----------------------|-----------------------|----------------------------------|----------|---------------------------------------------------------------------------------------|-----------------------|
| 1                     | ACCESSORY-IBK                    | KL182016 |    | 33                    | 23                    | DRIVER 100W-BK                   | KL182022 |    | 37                    |
| 2                     | ACCESSORY-INBK                   | KL182020 |    | 35                    | 24                    | DRIVER 100W-WH                   | KL182023 |    | 37                    |
| 3                     | ACCESSORY-INWH                   | KL182021 |    | 35                    | 25                    | DRIVER 200W-BK                   | KL182024 |    | 37                    |
| 4                     | ACCESSORY-IWH                    | KL182017 |    | 33                    | 26                    | DRIVER 200W-WH                   | KL182025 |    | 37                    |
| 5                     | ACCESSORY-LBK                    | KL182018 |    | 35                    | 27                    | SLIM TRACK LIGHT 12W             | KL181003 |    | 21                    |
| 6                     | ACCESSORY-LWH                    | KL182019 |    | 35                    | 28                    | SLIM TRACK LIGHT 12W             | KL181006 |    | 23                    |
| 7                     | ACCESSORY-RBK                    | KL182014 |    | 33                    | 29                    | SLIM TRACK LIGHT 12W             | KL181007 |    | 23                    |
| 8                     | ACCESSORY-RWH                    | KL182015 |    | 33                    | 30                    | SLIM TRACK LIGHT 12W             | KL181002 |    | 21                    |
| 9                     | ACCESSORY-TBK                    | KL182012 |    | 31                    | 31                    | SLIM TRACK LIGHT 6W              | KL181001 |    | 21                    |
| 10                    | ACCESSORY-TWH                    | KL182013 |    | 31                    | 32                    | SLIM TRACK LIGHT 6W              | KL181004 |    | 23                    |
| 11                    | ACCESSORY-XBK                    | KL182010 |  | 31                    | 33                    | SLIM TRACK LIGHT 6W              | KL181005 |  | 23                    |
| 12                    | ACCESSORY-XWH                    | KL182011 |  | 31                    | 34                    | SLIM TRACK LIGHT 6W              | KL181000 |  | 21                    |
| 13                    | ACCESSORY S-MBK                  | KL182006 |  | 29                    | 35                    | SLIM TRACK LIGHT 6W              | KL181012 |  | 21                    |
| 14                    | ACCESSORY S-MWH                  | KL182007 |  | 29                    | 36                    | SLIM TRACK LIGHT 6W              | KL181013 |  | 21                    |
| 15                    | ACCESSORY L-MBK                  | KL182008 |  | 29                    | 37                    | SLIM TRACK LIGHT 12W             | KL181014 |  | 21                    |
| 16                    | ACCESSORY L-MWH                  | KL182009 |  | 29                    | 38                    | SLIM TRACK LIGHT 12W             | KL181015 |  | 21                    |
| 17                    | BEAM W                           | KL171000 |  | 11                    | 39                    | SLIM TRACK LIGHT 6W              | KL181016 |  | 23                    |
| 18                    | BEAM B                           | KL171001 |  | 11                    | 40                    | SLIM TRACK LIGHT 6W              | KL181017 |  | 23                    |
| 19                    | BEAM N                           | KL171002 |  | 11                    | 41                    | TRACK LIGHT 7W                   | KL181018 |  | 17                    |
| 20                    | DOWN W                           | KL171003 |  | 13                    | 42                    | TRACK LIGHT 7W                   | KL181019 |  | 17                    |
| 21                    | DOWN B                           | KL171004 |  | 13                    | 43                    | TRACK LIGHT 7W                   | KL181009 |  | 17                    |
| 22                    | DOWN N                           | KL171005 |  | 13                    | 44                    | TRACK LIGHT 7W                   | KL181008 |  | 17                    |



| Nr. crt./<br>Crt. no. | Denumire produs/<br>Product name | Cod/Code | Cod de bare/Bare cod                                                                                 | Nr. pag./<br>Pag. no. |
|-----------------------|----------------------------------|----------|------------------------------------------------------------------------------------------------------|-----------------------|
| 41                    | TRACK LIGHT 15W                  | KL181011 | <br>5 944009 085796 | 17                    |
| 42                    | TRACK LIGHT 15W                  | KL181010 | <br>5 944009 085789 | 17                    |
| 43                    | TRACK LIGHT 15W                  | KL181020 | <br>5 944009 086885 | 17                    |
| 44                    | TRACK LIGHT 15W                  | KL181021 | <br>5 944009 086892 | 17                    |

NOTE / NOTES





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