# Profile INTER-PLUS
## Ref. A18078

KLUŚ Inspiring Solutions

NEW



### KEY FEATURES

- A profile designed for building complete ceiling or wall-mounted luminaires with space for a power supply and other electronic components
- Compatible with current modules
- Tool-free installation of the profile on an aluminum strip facilitates luminaire servicing

### APPLICATION

main and functional lighting

### MOUNTING

to the surface, using a dedicated mounting track and properly selected screws

### ADDITIONAL INFORMATION

- the power supply can be secured inside the profile using dedicated accessories
- profiles and covers are available in lengths: 2005mm, 2400mm, and 3010mm (tolerance +5 mm)
- when choosing a different length of profiles / covers than available in the standard, you should additionally choose the cutting service at KLUŚ

Standard lengths of KLUŚ profiles and covers: 1000 mm (tolerance ± 1.5 mm) and 2005 mm / 3010 mm (tolerance + 5 mm); for selected covers: 6050 mm, 10050 mm (tolerance + 5 mm)

CE UKCA RoHS

### IP PROTECTION RATING

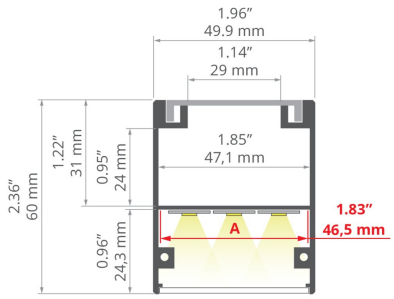
IP20

### MOUNTING METHOD

Suspended

Surface mounted

### TECHNICAL DRAWING




### AVAILABLE COLOURS

| COLOR | LENGTH | REF |
|---|---|---|
| silver anodized | 2005 mm | A18078A_2 |
| | 2405 mm | A18078A_2.4 |
| | 3010 mm | A18078A_3 |
| white lacquered mat | 2005 mm | A18078L10_2 |
| | 2405 mm | A18078L10_2.4 |
| | 3010 mm | A18078L10_3 |
| black anodized | 2005 mm | A18078A07_2 |
| | 2405 mm | A18078A07_2.4 |
| | 3010 mm | A18078A07_3 |

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Material | aluminum |
| Possible fixture IP | 20 |
| Possible fixture shapes | linear, rectangular, polygonal |
| Profile cross-section | rectangular |
| Width | 49.9 mm |
| Height | 60 mm |
| LED gluing width A | 46.5 mm |
| Max. number of LED strips A (8 mm wide) | 5 |
| Width of the glow | 46.5 mm |
| Max power of a single KLUŚ LED strip | 24 W/m |
| Dedicated space for power supply | yes |
| Building type | Commercial, HoReCa object |
| Facility zone | office, communication routes and corridors |
| The cover is cut to the length of the profile | yes |
| Can be easily connected into runs | yes |
| Main lighting | yes |

### RELATED ACCESSORIES > COVERS

| NAME | KEY FEATURES | MATERIAL | MATERIAL TRANSMITTANCE | COLOR | REF. |
|---|---|---|---|---|---|
| HSP-47 Cover  | - Ease of obtaining a wide line of light<br>- indoor use | PC | 80 % | frosted | B17181F |
| | | | 82 % | microprism | B17181M |

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### RELATED ACCESSORIES > END CAPS

| NAME | | MATERIAL | COLOR | REF. |
|---|---|---|---|---|
| End cap INTER-PLUS |  | ABS | black | C24570C07 |
| | | | gray | C24570C02 |
| | | | white | C24570L10 |

### RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CANOPIES

| NAME | KEY FEATURES | MATERIAL | COLOR | REF. |
|---|---|---|---|---|
| Canopy Fi-60mm | - Convenient cable length adjustment, in the ZM system | steel | gray lacquered | C24540L01 |
| | | | white lacquered | C24540L10 |
| | | | black lacquered | C24540L07 |
| Canopy BOX-M70 | | aluminum | silver anodized | C24541A |
| | | | white lacquered | C24541L10 |
| | | | black anodized | C24541A07 |
| Canopy BOX-M600 | | aluminum | silver anodized | C24542A |
| | | | white lacquered | C24542L10 |
| | | | black anodized | C24542A07 |

### RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONDUCTIVE FASTENERS AND HEADS FOR PROFILES

| NAME | KEY FEATURES | MATERIAL | COLOR | REF. |
|---|---|---|---|---|
| Fastener PUSZ-MR | - Power supply cable - mounting in thin walls (from 1mm) | stainless steel | silver | C20011N00 |
| | | aluminum | white lacquered | C20011L10 |
| | | aluminum | black lacquered | C20011L07 |
| Fastener PUSZ-LIN-MR | - Power supply cable - mounting in thin walls (from 1mm) | stainless steel, brass, nylon | silver | C28163N00 |
| | | aluminum, brass, nylon | white lacquered | C28163L10 |
| | | aluminum, brass, nylon | black lacquered | C28163L07 |

### RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONNECTORS

| NAME | KEY FEATURES | MATERIAL | COLOR | REF. |
|---|---|---|---|---|
| Connector ZM | | stainless steel | silver | 42716<br>42720<br>42728<br>C28070N00<br>C28071N00<br>C28072N00<br>C28073N00<br>C28074N00<br>C28075N00<br>C28243N00 |
| Connector ZM-G | | stainless steel | silver | 42304<br>42306<br>42308<br>42310<br>42324<br>42326<br>42328<br>42330<br>42332<br>42334<br>42336<br>42338 |
| Connector ZM-NA | | stainless steel | silver | 42305<br>42339<br>42725<br>C28242N00 |
| Connector ZM-PION | - for connecting profiles in the vertical plane | stainless steel | silver | 42314<br>42316<br>42320<br>42718<br>42719<br>C28084N00<br>C28085N00<br>C28086N00<br>C28087N00<br>C28088N00 |

### RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SUSPENSION AND MOUNTING SETS

| NAME | KEY FEATURES | MATERIAL | COLOR | REF. |
|---|---|---|---|---|
| Fastener set FI-8-MR-2 | - Convenient cable length adjustment, mounting in thin walls (from 1mm) | stainless steel, aluminum | silver | C28137N00 |
| | | | white lacquered | C28137L10 |
| | | | black lacquered | C28137L07 |
| Fastener set FI-8-MR-1 | - Power supply, for wall and drywall, mounting in thin walls (from 1mm) | stainless steel, aluminum | silver | C28136N00 |
| | | | white lacquered | C28136L10 |
| | | | black lacquered | C28136L07 |

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### RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

| NAME | KEY FEATURES | IP PROTECTION RATING | POWER CONSUMPTION | REF. |
|---|---|---|---|---|
| LED tape K-VHE-0480-24 | - universal for basic applications<br>- high efficacy<br>- High Efficacy | 20 | 4.8 W/m | K-VHE27-0480-24<br>K-VHE30-0480-24<br>K-VHE40-0480-24 |
| LED tape K-VHE-0960-24 | - universal for basic applications<br>- high efficacy<br>- High Efficacy | 20 | 9.6 W/m | K-VHE40-0960-24 |
| LED tape K-VHE-1440-24 | - universal for basic applications<br>- high efficacy<br>- High Efficacy | 20 | 14.4 W/m | K-VHE27-1440-24<br>K-VHE30-1440-24<br>K-VHE40-1440-24<br>K-VHE50-1440-24 |

### RELATED ACCESSORIES > RELATED LED > CRI 95+

| NAME | KEY FEATURES | IP PROTECTION RATING | POWER CONSUMPTION | REF. |
|---|---|---|---|---|
| LED tape K-CR-0480-24 | - universal for basic applications<br>- CRI over 95 | 20 | 4.8 W/m | K-CR27-0480-24<br>K-CR30-0480-24<br>K-CR40-0480-24 |
| LED tape K-CR-0960-24 | - universal for basic applications<br>- CRI over 95 | 20 | 9.6 W/m | K-CR40-0960-24 |
| LED tape K-CR-1440-24 | - universal for basic applications<br>- CRI over 95 | 20 | 14.4 W/m | K-CR27-1440-24<br>K-CR30-1440-24<br>K-CR40-1440-24 |

### RELATED ACCESSORIES > RELATED LED > WHITE MONO

| NAME | KEY FEATURES | IP PROTECTION RATING | POWER CONSUMPTION | REF. |
|---|---|---|---|---|
| LED tape K-0360-24 3.6 W/m, IP20 NEW | | 20 | 3.6 W/m | K-27-0360-24<br>K-30-0360-24<br>K-35-0360-24<br>K-40-0360-24<br>K-50-0360-24 |
| LED tape K-HD-0430-24 4.3 W/m, IP20 NEW | | 20 | 4.3 W/m | K-HD18-0430-24<br>K-HD22-0430-24<br>K-HD27-0430-24<br>K-HD30-0430-24<br>K-HD35-0430-24<br>K-HD40-0430-24<br>K-HD50-0430-24 |
| LED tape K-0480-24 | - universal for basic applications | 20 | 4.8 W/m | K-27-0480-24<br>K-30-0480-24<br>K-35-0480-24<br>K-50-0480-24 |
| LED tape K-HD-0480-24 | - high LED density<br>- Ease of obtaining a line of light | 20 | 4.8 W/m | K-HD27-0480-24<br>K-HD40-0480-24 |
| LED tape K-0500-24 5 W/m, IP20 NEW | - Thin line of light<br>- longitudinal bending<br>- Flexibility for bending | 20 | 5 W/m | K-30-0500-24<br>K-40-0500-24 |
| LED tape K-0720-24 7.2 W/m, IP20 NEW | | 20 | 7.2 W/m | K-27-0720-24<br>K-30-0720-24<br>K-35-0720-24<br>K-40-0720-24<br>K-50-0720-24 |
| LED tape K-HD-0830-24 8.3 W/m, IP20 NEW | | 20 | 8.3 W/m | K-HD27-0830-24<br>K-HD30-0830-24<br>K-HD35-0830-24<br>K-HD40-0830-24<br>K-HD50-0830-24 |
| LED tape K-0960-24 | - universal for basic applications | 20 | 9.6 W/m | K-30-0960-24<br>K-40-0960-24<br>K-40-0960-24-R30 |
| LED tape K-HD-0960-24 | - high LED density<br>- Ease of obtaining a line of light | 20 | 9.6 W/m | K-HD40-0960-24 |
| LED tape K-1000-24 10 W/m, IP20 NEW | | 20 | 10 W/m | K-30-1000-24<br>K-40-1000-24 |
| LED tape K-CB-1000-24 10 W/m, IP20 NEW | | 20 | 10 W/m | K-CB27-1000-24<br>K-CB30-1000-24<br>K-CB40-1000-24<br>K-CB50-1000-24 |
| LED tape K-1080-24 10.8 W/m, IP20 NEW | | 20 | 10.8 W/m | K-27-1080-24<br>K-30-1080-24<br>K-35-1080-24<br>K-40-1080-24<br>K-50-1080-24 |
| LED tape K-HD-1260-24 12.6 W/m, IP20 NEW | | 20 | 12.6 W/m | K-HD27-1260-24<br>K-HD30-1260-24<br>K-HD35-1260-24<br>K-HD40-1260-24<br>K-HD50-1260-24 |
| LED tape K-1440-24 | - universal for basic applications | 20 | 14.4 W/m | K-27-1440-24<br>K-40-1440-24<br>K-40-1440-24-R30 |
| LED tape K-HD-1440-24 | - high LED density<br>- Ease of obtaining a line of light | 20 | 14.4 W/m | K-HD40-1440-24 |

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| NAME | KEY FEATURES | IP PROTECTION RATING | POWER CONSUMPTION | REF. |
|---|---|---|---|---|
| LED tape K-1500-24 15 W/m, IP20 NEW | | 20 | 15 W/m | K-30-1500-24<br>K-35-1500-24<br>K-40-1500-24 |
| LED tape K2-1920-24 | - LED double-row strip<br>- quick installation | 20 | 19.2 W/m | K2-30-1920-24<br>K2-40-1920-24 |
| LED tape K-2300-24 | - high power | 20 | 23 W/m | K-30-2300-24<br>K-40-2300-24 |
| LED tape K-2400-24 | - high power | 20 | 24 W/m | K-27-2400-24<br>K-30-2400-24<br>K-35-2400-24<br>K-40-2400-24<br>K-50-2400-24 |
| LED tape K3-2880-24 | - Three-row LED strip<br>- quick installation | 20 | 28.8 W/m | K3-27-2880-24<br>K3-40-2880-24<br>K3-50-2880-24 |

### RELATED ACCESSORIES > RELATED LED > RGB / RGB-W / RGB-CCT

| NAME | KEY FEATURES | IP PROTECTION RATING | POWER CONSUMPTION | REF. |
|---|---|---|---|---|
| LED tape K-RGB-0700-24V | - RGB | 20 | 7 W/m | K-RGB-0700-24V |
| LED tape K-RGB-1200-24 | - RGB | 20 | 12 W/m | K-RGB-1200-24 |
| LED tape K-RGBW-1530-24 15.3 W/m, IP20 NEW | - RGBW<br>- high LED density | 20 | 15.3 W/m | K-RGB30-1530-24<br>K-RGB40-1530-24 |
| LED tape K-RGB-1560-24 | - RGB | 20 | 15.7 W/m | K-RGB-1560-24 |

### RELATED ACCESSORIES > RELATED LED > ADJUSTABLE WHITE / DIM TO WARM

| NAME | KEY FEATURES | IP PROTECTION RATING | POWER CONSUMPTION | REF. |
|---|---|---|---|---|
| LED tape K-18D30-0960-24 | - Dim To Warm LED Tape | 20 | 9.6 W/m | K-18D30-0960-24 |
| LED tape K-27T50-1440-24 | - RGB+Tunable White | 20 | 14.4 W/m | K-27T50-1440-24 |