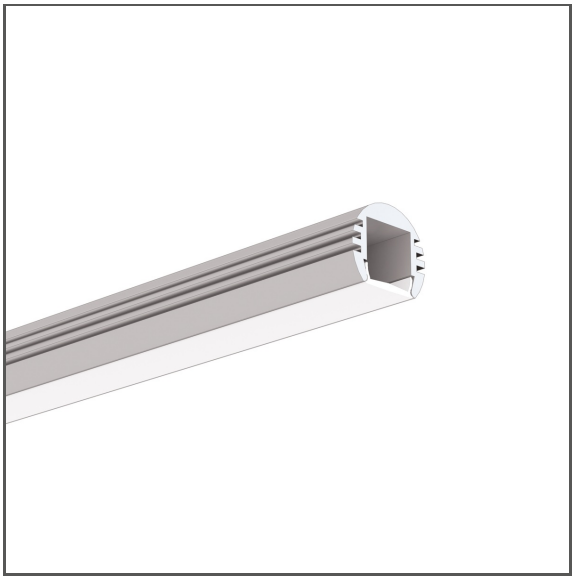
Profile PDS-O

Ref. B3777



IP20 IP67

- Good heat dissipation
- Lighting fixture with round cross-section
- Luminaire direction adjustment
- Wide range of accessories
- Small bending radius

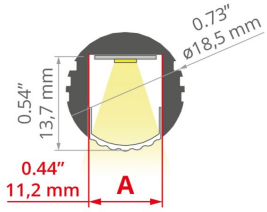
APPLICATION

- main and decorative lighting

MOUNTING

- suspended, using dedicated accessories
- easy assembly and disassembly by snapping in and out

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Material	**aluminum**
Color	**silver anodized**
Possible fixture IP	**20, 67**
Possible fixture shapes	**linear**
Profile cross-section	**round**
Width	**18.5 mm**
Height	**15.8 mm**
LED gluing width A	**11.2 mm**
Max. number of LED strips A (8 mm wide)	**1**
Width of the glow	**11.2 mm**
Max power of a single KLUŚ LED strip	**24 W/m**
Lighting angle adjustment from	**0**
Lighting angle adjustment up to	**360**
Closet Rated	**yes**
Possibility of bending	**yes**
Radius of the light arc	**yes**
Inward	**400 mm**
Outdoor	**200 mm**

Length	Ref
1000 mm	**B3777ANODA_1**
2005 mm	**B3777ANODA_2**

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)

Profile PDS-O

Ref. B3777

Building type	Commercial, HoReCa object, Retail, Residential, Entertainment/ Arts, Outdoor
Facility zone	kitchen, bathroom, fascade lighting
Easy assembly and disassembly by snapping in and out	yes
Wire out end cap	yes
Wire out back of extrusion	yes

SAMPLE PROJECTS





SIMILAR PROFILES



Profile PDS-H
A09204



Profile PDS-NK
A01588



Profile KOZMA
A18040



Profile PDS-UST
A02725



Profile PDS-T
A02057



Profile PDS-ZMG
A01418



Profile PDS-ZM-PLUS
A02056

Profile PDS-O

Ref. B3777

RELATED ACCESSORIES > COVERS

NAME		KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover KA-11		- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
				89 %	clear	B17064C
Cover HS-11		- For indoor and outdoor applications - UV resistant - hight durability	PC	59 %	frosted	B17208F
				88 %	clear	B17208C
Cover LIGER-11		- hight light quality - Ease of obtaining a line of light - Perfectly diffusing - For indoor and outdoor applications	PC	21 %	black	B17037B
				59 %	satin	B17037S
Cover KA-11R		- maximum brightness - hight durability - hight light quality - indoor use - Perfectly diffusing	PC	62 %	frosted	B17076F
Cover KA-T-11		- maximum brightness - indoor use - economic - universal for basic applications	PVC	54 %	frosted	B17179F
				86 %	clear	B17179C

RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
End cap PDS-O-LUK		PP	gray	C24213C02
PDS-O-LUK		stainless steel, ABS	gray	42621
PDS-O-OTW		PP	gray	C20128C02TW

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 - high LED density	20	15.3 W/m	K-RGB30-1530-24 K-RGB40-1530-24
LED tape KWP-RGB-0700-24	- RGB	65	7 W/m	KWP-RGB-0700-24
LED tape KWP-RGB-1200-24	- RGB	65	12 W/m	KWP-RGB-1200-24

Profile PDS-O

Ref. B3777

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape KWP-GRGB-1530-24 15.3 W/m, IP65 NEW	- RGBW - high LED density	65	15.3 W/m	KWP-GRGB30-1530-24 KWP-GRGB40-1530-24

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 K-30-0360-24 K-35-0360-24 K-40-0360-24 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 K-HD22-0430-24 K-HD27-0430-24 K-HD30-0430-24 K-HD40-0430-24
LED tape K-0480-24	- universal for basic applications	20	4.8 W/m	K-27-0480-24 K-30-0480-24 K-35-0480-24 K-50-0480-24
LED tape K-HD-0480-24	- high LED density - Ease of obtaining a line of light	20	4.8 W/m	K-HD27-0480-24 K-HD40-0480-24
LED tape K-0500-24 5 W/m, IP20 NEW	- Thin line of light - longitudinal bending - Flexibility for bending	20	5 W/m	K-30-0500-24 K-40-0500-24
LED tape K-0720-24 7.2 W/m, IP20 NEW		20	7.2 W/m	K-27-0720-24 K-30-0720-24 K-35-0720-24 K-40-0720-24 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 K-HD30-0830-24 K-HD35-0830-24 K-HD40-0830-24 K-HD50-0830-24
LED tape K-0960-24	- universal for basic applications	20	9.6 W/m	K-30-0960-24 K-40-0960-24 K-40-0960-24-R30
LED tape K-HD-0960-24	- high LED density - 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 K-40-1000-24
LED tape K-CB-1000-24 10 W/m, IP20 NEW		20	10 W/m	K-CB27-1000-24 K-CB30-1000-24 K-CB40-1000-24 K-CB50-1000-24
LED tape K-1080-24 10.8 W/m, IP20 NEW		20	10.8 W/m	K-27-1080-24 K-30-1080-24 K-35-1080-24 K-40-1080-24 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 K-HD30-1260-24 K-HD35-1260-24 K-HD40-1260-24 K-HD50-1260-24
LED tape K-1440-24	- universal for basic applications	20	14.4 W/m	K-27-1440-24 K-40-1440-24 K-40-1440-24-R30

Profile PDS-O

Ref. B3777

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-HD-1440-24	- high LED density - Ease of obtaining a line of light	20	14.4 W/m	K-HD40-1440-24
LED tape K-1500-24 15 W/m, IP20 NEW		20	15 W/m	K-30-1500-24 K-35-1500-24 K-40-1500-24
LED tape K-2300-24	- high power	20	23 W/m	K-30-2300-24 K-40-2300-24
LED tape K-2400-24	- high power	20	24 W/m	K-27-2400-24 K-30-2400-24 K-35-2400-24 K-40-2400-24 K-50-2400-24
LED tape KWP-GHD-0430-24 4.3 W/m, IP65 NEW		65	4.3 W/m	KWP-GHD27-0430-24 KWP-GHD30-0430-24 KWP-GHD35-0430-24 KWP-GHD40-0430-24 KWP-GHD50-0430-24
LED tape KWP-0480-24	- universal for basic applications	65	4.8 W/m	KWP-27-0480-24 KWP-30-0480-24 KWP-50-0480-24
LED tape KWP-GHD-0480-24	- high LED density - Ease of obtaining a line of light	65	4.8 W/m	KWP-GHD27-0480-24
LED tape KWP-G-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-G30-0500-24 KWP-G40-0500-24
LED tape KWP-GHD-0830-24 8.3 W/m, IP65 NEW		65	8.3 W/m	KWP-GHD27-0830-24 KWP-GHD30-0830-24 KWP-GHD35-0830-24 KWP-GHD40-0830-24 KWP-GHD50-0830-24
LED tape KWP-0960-24	- universal for basic applications	65	9.6 W/m	KWP-40-0960-24
LED tape KWP-G-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-G30-1000-24 KWP-G40-1000-24
LED tape KWP-GHD-1260-24 12.6 W/m, IP65 NEW		65	12.6 W/m	KWP-GHD27-1260-24 KWP-GHD30-1260-24 KWP-GHD35-1260-24 KWP-GHD40-1260-24 KWP-GHD50-1260-24
LED tape KWP-1440-24	- universal for basic applications	65	14.4 W/m	KWP-27-1440-24 KWP-40-1440-24
LED tape KWP-G-1500-24 15 W/m, IP65 NEW		65	15 W/m	KWP-G30-1500-24 KWP-G40-1500-24

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 - CRI over 95	20	4.8 W/m	K-CR27-0480-24 K-CR30-0480-24 K-CR40-0480-24
LED tape K-CR-0960-24	- universal for basic applications - CRI over 95	20	9.6 W/m	K-CR40-0960-24
LED tape K-CR-1440-24	- universal for basic applications - CRI over 95	20	14.4 W/m	K-CR27-1440-24 K-CR30-1440-24 K-CR40-1440-24

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape KWP-CR-0480-24	- universal for basic applications - CRI over 95	65	4.8 W/m	KWP-CR27-0480-24 KWP-CR30-0480-24 KWP-CR35-0480-24 KWP-CR40-0480-24 KWP-CR50-0480-24
LED tape KWP-CR-0960-24	- universal for basic applications - CRI over 95	65	9.6 W/m	KWP-CR40-0960-24 KWP-CR50-0960-24

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 - high efficacy - High Efficacy	20	4.8 W/m	K-VHE27-0480-24 K-VHE30-0480-24 K-VHE40-0480-24
LED tape K-VHE-0960-24	- universal for basic applications - high efficacy - High Efficacy	20	9.6 W/m	K-VHE40-0960-24
LED tape K-VHE-1440-24	- universal for basic applications - high efficacy - High Efficacy	20	14.4 W/m	K-VHE27-1440-24 K-VHE30-1440-24 K-VHE40-1440-24 K-VHE50-1440-24

RELATED ACCESSORIES > RELATED LED > BENDABLE

Name	Key features	IP protection rating	Power consumption	Ref.
LED tape K-VBT-0720-24 AVAILABLE ON REQUEST	- LED tape for bent profiles	20	7.2 W/m	K-VBT27-0720-24 K-VBT30-0720-24 K-VBT35-0720-24 K-VBT40-0720-24 K-VBT50-0720-24

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

RELATED ACCESSORIES > RELATED LED > DIGITAL

Name	Key features	IP protection rating	Power consumption	Ref.
Digital LED strip K-DL-1229-24	- Digital tape	20	12.29 W/m	K-DL30-1229-24 K-DL40-1229-24
Digital LED strip KWP-GDL-1229-24	- Digital tape	65	12.29 W/m	KWP-GDL30-1229-24 KWP-GDL40-1229-24

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

Name	Key features	Material	Color	Ref.
Mounting bracket PL-PDM	- Aesthetic installation of linear fixtures	PP	gray	C24041C02

Profile PDS-O

Ref. B3777

Name	Key features	Material	Color	Ref.
Mounting bracket PDS-STN	- For indoor and outdoor applications	stainless steel	silver	C24190N00
Mounting bracket REG-PD	- Mounting with angle adjustment function	ASA	gray	C28055C02
Mounting bracket PDS	- For indoor and outdoor applications	stainless steel	white black	C24223C10 C24189C07
Mounting bracket PDS-STN-90G	- Angular mount for indoor and outdoor applications	stainless steel	silver white black	C24370N00 C24370L10 C24370L07
Mounting bracket PDS-STN-90D	- Angular mount for indoor and outdoor applications	stainless steel	silver white black	C24367N00 C24367L10 C24367L07
Mounting bracket PDS-STN-ALFA		stainless steel	silver	C28060N00
Mounting bracket PDS-STN-45D	- Angular mount for indoor and outdoor applications	stainless steel	silver	C24456N00
Mounting bracket PDS-STN-60D	- Angular mount for indoor and outdoor applications	stainless steel	silver	C24457N00
Fastener set PLD-20	- Aesthetic installation, rotation, 2 pieces	PC	colorless non colored	C28061C00

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

Name	Material	Color	Ref.
Head ST	stainless steel	silver	C28114N00

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

Name	Material	Color	Ref.
Fastener DP-MOC-ZZ, silver	stainless steel	silver	00647
Fastener DP-ZZ-PDS-O, silver	stainless steel	silver	00655

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONNECTORS

Name	Material	Color	Ref.
Connector PD-MICRO	stainless steel	silver	C42150N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SUSPENSION AND MOUNTING SETS

Name	Key features	Material	Color	Ref.
Fastener set M3		stainless steel	silver	C28182N00
Fastener set M4		stainless steel	silver	C28180N00
Fastener set M5		stainless steel	silver	C28181N00
Fastener set W8		stainless steel	silver	C28206N00
Fastener set W9		stainless steel	silver	C28207N00
Fastener set W10		stainless steel	silver	C28208N00

Profile PDS-O

Ref. B3777

Name	Key features	Material	Color	Ref.
Fastener set RG-1	- Cable adjustment at the ceiling, cable included	brass	silver glossy silver satin white colored black colored	C28230P00 C28230P01 C28230L10 C28230L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > OTHER

Name	Key features	Material	Color	Ref.
Hermetic coupler THB.391.A4A, 4 pin	- 4 power terminals - compact dimensions	PA		C42268C10
Hermetic coupler THB.381, 2pin	- 2 power terminals - compact dimensions	PA		C28125C07
Hermetic coupler THB.391.A5A, 5 pin	- 5 power terminals - compact dimensions	PA		C28156C07
Joint connector THB.200.E5E, 5 pin	- 5 power terminals - 3-line branch	Materiał, Material, multiselect		C28157C07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CANOPIES

Name	Key features	Material	Color	Ref.
Canopy BOX-M600 NEW		aluminum	silver anodized white lacquered black anodized	C24542A C24542L10 C24542A07
Canopy Fi-60mm	- Convenient cable length adjustment, in the ZM system	steel	gray lacquered white lacquered black lacquered	C24540L01 C24540L10 C24540L07
Canopy BOX-M70		aluminum	silver anodized white lacquered black anodized	C24541A C24541L10 C24541A07

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

Name	Key features	IP protection rating	Ref.
Proximity switch UNI-11	- touchless switch - width 11mm	20	E61603
Proximity switch UNI-P	- touchless switch - width only 7mm - factory pre-soldered wires	20	E61580
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires	20	1491
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires - version with logo	20	1491LOGO
Proximity switch UNI-11P	- touchless switch - width 11mm - factory pre-soldered wires	20	E61604
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579