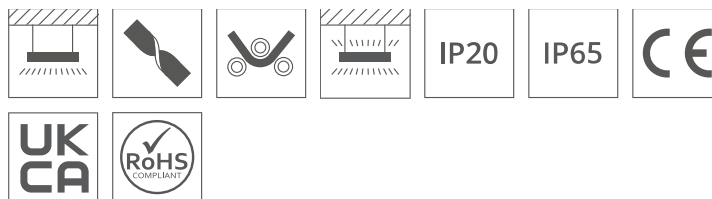


Profile GIZA-DUO-LL

Ref. A02162



- Ease of creating geometric figures
- Up/down lighting
- Small bending radius
- Possibility to use current modules with efficiency up to 190lm/W and CRI>90. Available upon request.

APPLICATION

- decorative lighting i główne

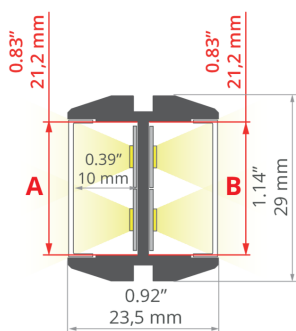
MOUNTING

- suspended, using dedicated accessories
- can be easily connected into runs and systems

ADDITIONAL INFORMATION

- 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)
- when choosing a different length of profiles / covers than available in the standard, you should additionally choose the cutting service at KLUŚ

TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 65
Possible fixture shapes	linear, polygonal, round
Profile cross-section	rectangular
Width	23.5 mm
Height	29 mm
LED gluing width A	21.2 mm
LED gluing width B	21.2 mm
Number of LED strips A (8 mm wide)	2
Number of LED strips B (8 mm wide)	2
Width of the glow	22 mm
Max power of a single KLUŚ LED strip	24 W/m
Possibility of twisting	yes
Possibility of bending	yes
Radius of the light arc	yes
Inward	240 mm
Outdoor	240 mm
Down	1000 mm

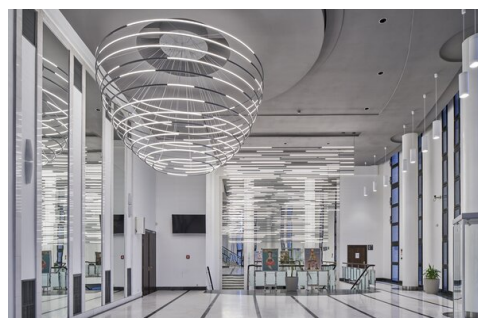
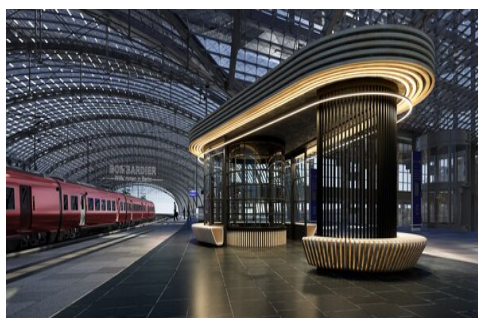
Color	Length	Ref
■ silver anodized	1000 mm	A02162A_1
	2005 mm	A02162A_2
	3010 mm	A02162A_3
□ white lacquered	2005 mm	A02162L100D_2
■ black anodized	1000 mm	A02162A07_1
	2005 mm	A02162A07_2
	3010 mm	A02162A07_3

Profile GIZA-DUO-LL

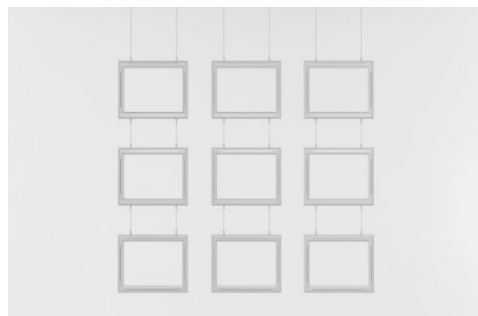
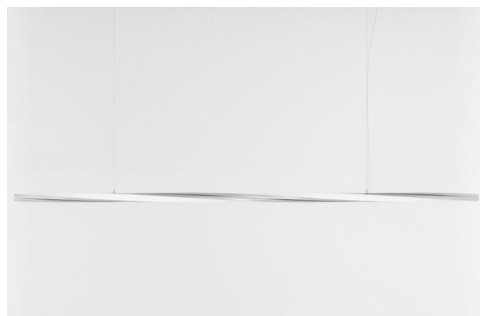
Ref. A02162

Building type	Entertainment/ Arts, HoReCa object, Commercial, Retail
Facility zone	office, lobby / foyer, conference room, communication routes and corridors
The cover is cut to the length of the profile	yes
Can be easily connected into runs	yes
Wire out back of extrusion	yes
Two directional lighting for suspended fixtures	yes

SAMPLE PROJECTS



REFERENCE SHAPES



RELATED ACCESSORIES > COVERS

NAME		MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover HS-22		PC	65 %	frosted	B17011F
			88 %	clear	B17011C
Cover LIGER-22		PC	22 %	black	B17032B
			70 %	satin	B17032S
Cover BENCO-22		silicon	62 %	frosted	B17209F

NEW

Profile GIZA-DUO-LL

Ref. A02162

RELATED ACCESSORIES > END CAPS

NAME	MATERIAL	COLOR	REF.
End cap GIZA-DUO-LL		black	C24372C07
		gray	C24372C02
		silver	C24372L01
		white	C24372L10

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



K-27T50-1440-24
K-27T50-1440-24

RELATED ACCESSORIES > RELATED LED > BENDABLE



K-BTRGB40-1510-24
K-BTRGB40-1510-24

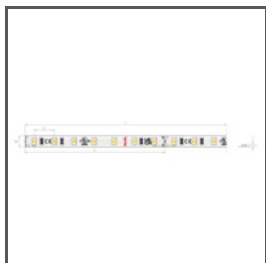


K-VBT-0720-24
K-VBT-0720-24

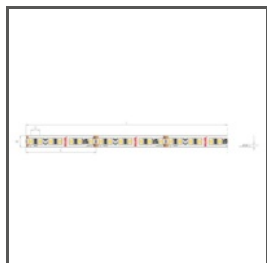


K-BT-0910-24
K-BT-0910-24

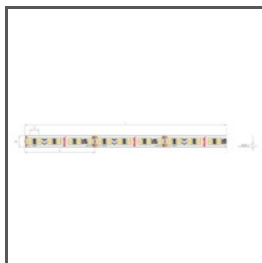
RELATED ACCESSORIES > RELATED LED > CRI 95+



K-CR-0480-24
K-CR-0480-24



K-CR-0960-24
K-CR-0960-24



K-CR-1440-24
K-CR-1440-24

RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY



K-VHE-0480-24
K-VHE-0480-24



K-VHE-0960-24
K-VHE-0960-24



K-VHE-1440-24
K-VHE-1440-24

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



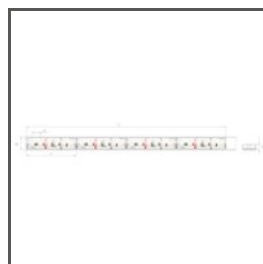
K-RGBW-1530-24
K-RGBW-1530-24



KWP-RGBW-1530-24
KWP-RGBW-1530-24



K-RGB-1920-120-24
K-RGB-1920-24



KWP-RGB-1920-120-24
KWP-RGB-1920-120-24

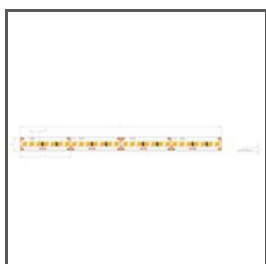


K-RGB-1200-24
K-RGB-1200-24



K-RGB-0700-24
K-RGB-0700-24V

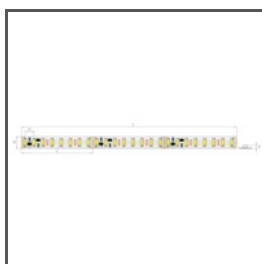
RELATED ACCESSORIES > RELATED LED > WHITE MONO



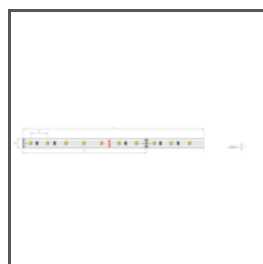
K-1910-HD-24
K-HD-1910-24



KWP-1220-24
KWP-1220-24



K-2300-24
K-2300-24



K-0480-24
K-0480-24



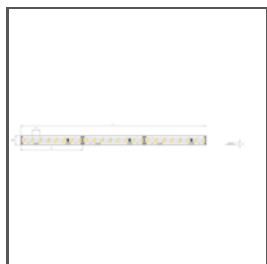
K-0960-24
K-0960-24

Profile GIZA-DUO-LL

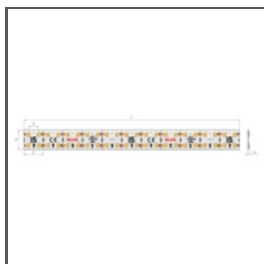
Ref. A02162



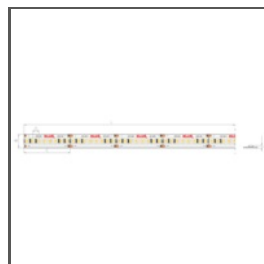
K-1440-24
K-1440-24



K-2400-24
K-2400-24



K2-1920-24
K2-1920-24



K-HD-0480-24
K-HD-0480-24



K-HD-0960-24
K-HD-0960-24



K-HD-1440-24
K-HD-1440-24

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > ADDITIONAL ITEMS



ADAPTER
DILENSO
E62145

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CANOPIES



CANOPY
Fi-60mm
C24540

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



HEAD
BZP-ZO
42214



FASTENER
OS22-LIN-Z
C28184L07, C28184L10



FASTENER
OS22-PRET-Z
C28186L07, C28186L10



FASTENER
OS22-DUO-PRET-Z
C28185L07, 42343L9010



FASTENER
OS22-DUO-LIN-Z
C28183L07, C28183L10



FASTENER
FI-8-LIN-ZMZ
C28171N00, C28171L10,
C28171L07



FASTENER
PUSZ-PRET-ZM
C28161N00, C28161L10,
C28161L07



FASTENER
PUSZ-LIN-ZM
C28160N00, C28160L10,
C28160L07



FASTENER
DP-ZO
00649



FASTENER
PUSZ-ZM
C20010

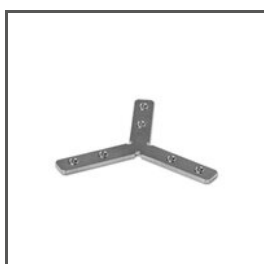
RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONNECTORS



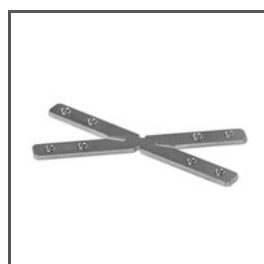
CONNECTOR
ZM



CONNECTOR
ZM-MINI
44501, C28083N00



CONNECTOR
ZM-Y



CONNECTOR
ZM-X



CONNECTOR
ZM-T



CONNECTOR
ZM-PION

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



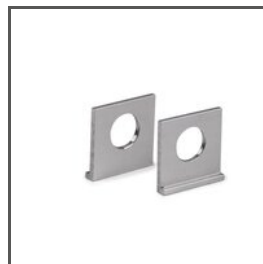
FASTENER
FI-8-LIN-ZM
C28170N00, C28170L10,
C28170L07



FASTENER
FI-10-ZM-P
C28117N00



FASTENER
DP
00644

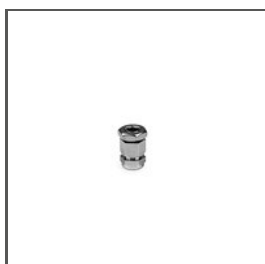


FASTENER
UCHO-ZM
C28192N00, C28192L07



FASTENER
FI-8-PRET-ZM
C28189

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > OTHER



GLAND
M8x1
C42265N00



GLAND
M10x1
C28275N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > PROFILE MASKING COVERS



MASKING COVER
MP-22
C28261L01_0.25,
C28261L10_0.25,
C28261L07_0.25

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SUSPENSION AND MOUNTING SETS



FASTENER SET
RD-1
C28231



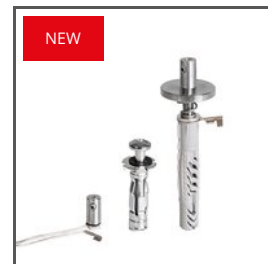
FASTENER SET
RG-1
C28230P00, C28230P01,
C28230L10, C28230L07



FASTENER SET
RD-2
C28232P00, C28232P01,
C28232L10, C28232L07



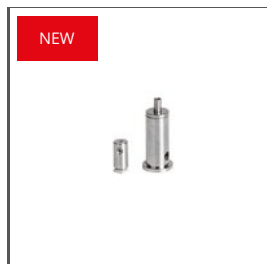
FASTENER SET
RD-3
C28233P00, C28233P01,
C28233L10, C28233L07



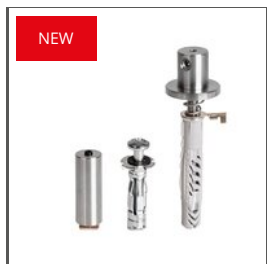
FASTENER SET
FI-8-ZM-1
C28134

Profile GIZA-DUO-LL

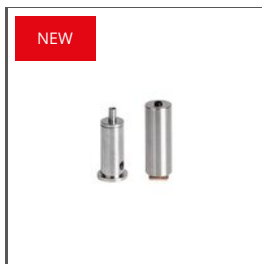
Ref. A02162



FASTENER SET
FI-8-ZM-2
C28135



FASTENER SET
PUSZ-ZM-1
C28130



FASTENER SET
PUSZ-ZM-2
C28131

RELATED ACCESSORIES > ELECTRONICS > SWITCHES



UNI-11
E61603



UNI-P
E61580