45-ALU Extrusion
Ref. A04023

IP20 | IP67 | CE | UKCA | RoHS COMPLIANT | ETL Intertek

CLOSET RATED

- Installation in corners
- Lighting angle: 45 Degrees
- Good heat dissipation
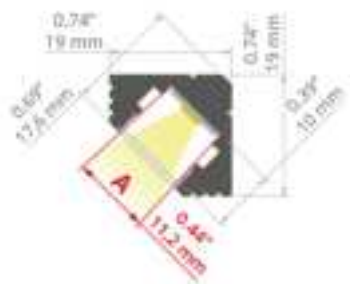- Wide range of accessories

APPLICATION

- furniture, functional and decorative lighting

MOUNTING

- to the surface, using dedicated accessories, mounting adhesive or double-sided adhesive tape
- easy assembly and disassembly by snapping in and out

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, 67
Possible fixture shapes	linear
Profile cross-section	angled
Width	0.7"
Height	0.7"
LED gluing width A	0.4"
Number of LED strips A (0.31" wide)	1
Width of the glow	11.2 mm
Max power of a single KLUŚ LED strip	24 W/m
Lighting at an angle	45
Possibility of obtaining a line of light	yes
Building type	Residential, Retail, Hotel / Restaurant, Entertainment/ Arts, Other
Facility zone	office, kitchen, bathroom, furniture, niche/cove, advertising / POS, shop windows and exhibition

Color		Length	Ref
	silver anodized	39.4"	A04023A_1
		78.9"	A04023A_2
		118.5"	A04023A_3
	silver non anodized	39.4"	A04023N_1
		78.9"	A04023N_2
		118.5"	A04023N_3
	black anodized	39.4"	A04023A07_1
		78.9"	A04023A07_2
		118.5"	A04023A07_3
	black lacquered	39.4"	A04023L07_1
		78.9"	A04023L07_2
		118.5"	A04023L07_3
	white lacquered	39.4"	A04023L10_1
		78.9"	A04023L10_2
		118.5"	A04023L10_3
		39.4"	A04023L10OD_1

HS-11 Cover
Ref. B17208F, B17208C

■ Recommended for the construction of sealed lighting fixtures

APPLICATION

- LED protection and light diffusion in lighting fixtures

MOUNTING

- to the extrusion, by pressing

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	PC
Shape	flat
Maximum length on request	118.1"
Width	0.5"
UV resistance	yes

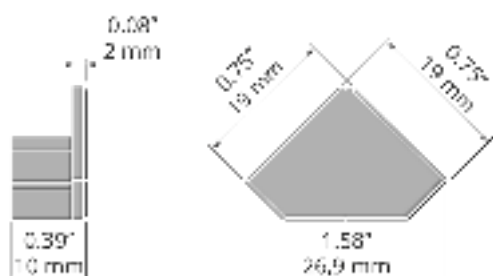| Finish	Light transmission	Length	Possibility of obtaining a line of light	Ref
frosted	59 %	39.4"	yes	B17208F_1
		78.9"		B17208F_2
		118.5"		B17208F_3
clear	88 %	39.4"	no	B17208C_1
		78.9"		B17208C_2
		118.5"		B17208C_3

APPLICATION

- aesthetic finish and protection of the interior of the lighting fixture

MOUNTING

- to the extrusion, by pressing

TECHNICAL DRAWING

0.08" 2 mm
0.39" 10 mm
0.75" 19 mm
0.75" 19 mm
1.58" 26.9 mm

TECHNICAL SPECIFICATIONS

Material	PP
Shape	triangular
Height	0.75"
Width	0.75"
Corrosion resistance	yes
Corrosion resistance at high salinity	yes

Color		Ref
	gray	C20124C02 1383
	white	C20124C10 20003
	black	C20124C07 24070

End cap 45-ALU-OTW
Ref. C20124C02TW, C20124C10TW, C20124C07TW
Ref. arch 1440, 21003, 24085

■ Cable exit hole

APPLICATION
- aesthetic finish and protection of the interior of the lighting fixture

MOUNTING
- to the extrusion, by pressing

TECHNICAL DRAWING

TECHNICAL SPECIFICATIONS

Material	PP
Shape	triangular
Height	0.75"
Width	0.75"
Corrosion resistance	yes
Hole	yes

Color		Ref
▨	gray	C20124C02TW 1440
☐	white	C20124C10TW 21003
■	black	C20124C07TW 24085

Mounting bracket 45-STN
Ref. C24144N00, C24262L07, C24265L10
Ref. arch 24144, 24262, 24265

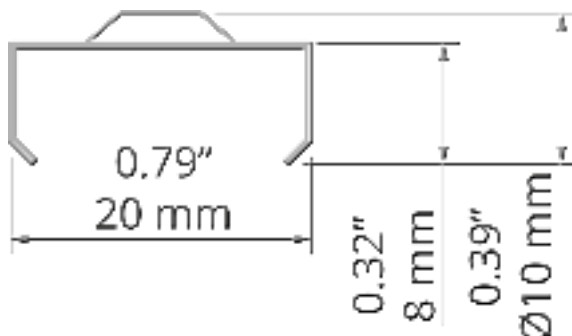■ High mechanical and weather resistance

APPLICATION

- for mounting LED lighting fixtures

MOUNTING

- to the surface, using a properly selected screw
- to the lighting fixture, with hooks
- easy installation and deinstallation of lighting fixtures by snapping in and out

TECHNICAL DRAWING

0.79"
20 mm

0.32"
8 mm

0.39"
Ø10 mm

TECHNICAL SPECIFICATIONS

Material	stainless steel
Width	0.79"
Height	0.39"
Lifting capacity	19.8 lb

Color		Ref
▦	silver	**C24144N00** 24144
■	black	**C24262L07** 24262
☐	white	**C24265L10** 24265