

ALUMINIUM PROFILES FOR LED FLEX

Penn Elcom's Comus LED aluminium profiles provide optimum cooling of LED modules for long life and high reliability.

With over 40 types of profiles, the Comus aluminium profile range can cover a wide variety of applications from cove lighting to wardrobe and shelf lighting.

All of our LED profiles can be shortened to your desired length upon request.

Comus **LED**

by penn-elcom®

COMUS LED PROFILES | LEDAL01

Ceiling suspended or surface mounted ceiling aluminium extrusion suitable for LED strips (not wider than 16mm or 2 x 8mm).

FEATURES

- Base thickness: 1.4 mm
- Height: 19.37mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 20.32mm
- Width (internal): 16.9mm

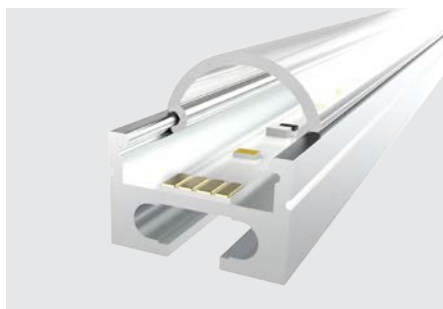
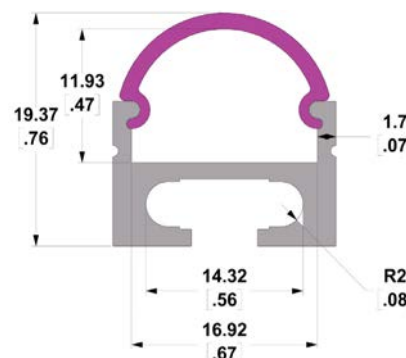


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



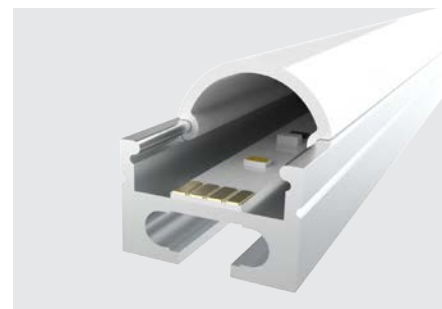
DIMENSIONS (MM)



LEDAL01 - CLEAR COVER








LEDAL01 - DIFFUSE COVER



LEDAL01 - OPAL COVER

LEDAL01 OPTIONS AND ACCESSORIES

		ORDER CODE	DESCRIPTION
	LEDAL01EC	LEDAL01 LEDAL01B (Black) LEDAL01W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL01M2 LEDAL01M2B (Black) LEDAL01M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL01M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL01CC1M/ LEDAL01CC2M/ LEDAL01 CC3M	1M clear cover / 2M clear cover / 3M clear cover
	LEDAL01ECH	LEDAL01DC1M/ LEDAL01DC2M/ LEDAL01DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL01MC1M/ LEDAL01MC2M/ LEDAL01MC3M	1M opal cover / 2M opal cover / 3M opal Cover
	LEDAL01MB	LEDAL01EC	Solid end cap (without hole) in white
	LEDAL01ECH	LEDAL01ECH	End cap with hole (for cable entry) in white
  	LEDAL01MB	LEDAL01MB	Metal mounting bracket
	LEDALSWTYPEA	LEDALSWTYPEA	Suspension wire x 2 (See p. 59)

COMUS LED PROFILES | LEDAL02

Stair nose aluminium extrusion suitable for LED strips (not wider than 12mm).

FEATURES

- Base thickness: 1.4 mm
- Height: 27.75mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 54.05mm
- Width (internal): 12.95mm

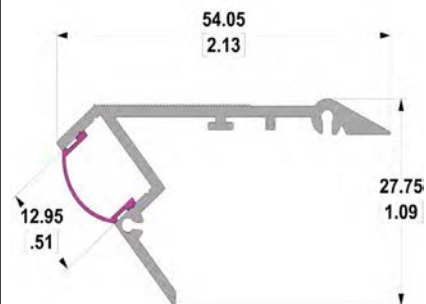


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:






DIMENSIONS (MM)



LEDAL02 - DIFFUSE COVER



LEDAL02 OPTIONS AND ACCESSORIES

		ORDER CODE	DESCRIPTION
	LEDAL02EC	LEDAL02	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL02B (Black)	
		LEDAL02W (White)	
	LEDAL02ECH	LEDAL02M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL02M2B (Black)	
		LEDAL02M2W (White)	
	LEDAL02ECH	LEDAL02M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL02DC1M/ LEDAL02DC2M/ LEDAL02DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL02EC	Solid end cap (without hole) in white with screws
		LEDAL02ECH	End cap with hole (for cable entry) in white with screws

COMUS LED PROFILES | LEDAL03

Slim corner surface mounted aluminium extrusion suitable for LED strips (not wider than 10mm).

FEATURES

- Base thickness: 0.8 mm
- Height: 16mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 16mm
- Width (internal): 10mm

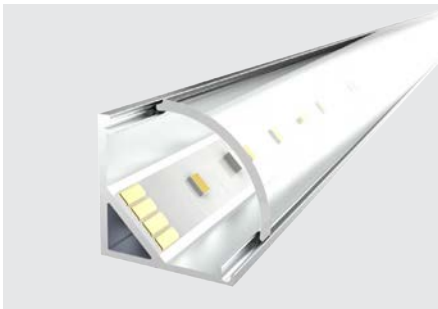
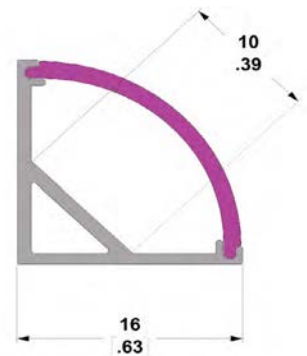


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



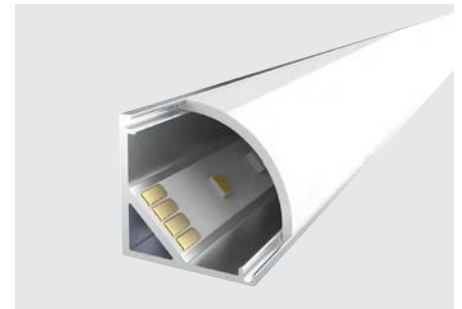
DIMENSIONS (MM)



LEDAL03 - CLEAR COVER



LEDAL03 - DIFFUSE COVER



LEDAL03 - OPAL COVER

LEDAL03 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL03EC	LEDAL03	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL03B (Black)	
		LEDAL03W (White)	
	LEDAL03ECH	LEDAL03M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL03M2B (Black)	
		LEDAL03M2W (White)	
	LEDAL03M3	LEDAL03M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL03CC1M/ LEDAL03CC2M/ LEDAL03 CC3M	
		LEDAL03M3	
	LEDAL03MB	LEDAL03DC1M/ LEDAL03DC2M/ LEDAL03DC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL03MC1M/ LEDAL03MC2M/ LEDAL03MC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL03MC1M/ LEDAL03MC2M/ LEDAL03MC3M	1M opal cover / 2M opal cover / 3M opal Cover
	LEDAL03EC	LEDAL03EC	Solid end cap (without hole) in white
		LEDAL03ECH	End cap with hole (for cable entry) in white
		LEDAL03MB	Metal mounting bracket
	LEDAL03CB	LEDAL03CB	White polycarbonate bracket allowing two lengths of LEDAL03 to be joined around corners.
		LEDAL03JB	White polycarbonate bracket allowing two lengths of LEDAL03 to be joined in a flat line.
		LEDAL03JB	

LEDAL03CB

LEDAL03JB

COMUS LED PROFILES | LEDAL04

Surface mounted aluminium extrusion with semi-circular cover, suitable for flex LED strips (not wider than 13mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 14.8mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 17.9mm
- Width (internal): 13.1mm

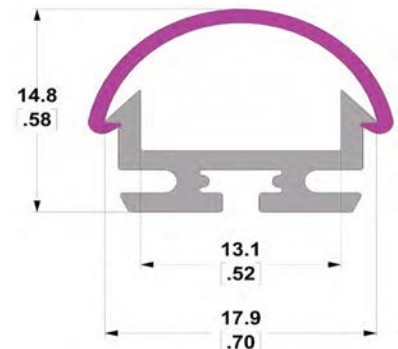


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



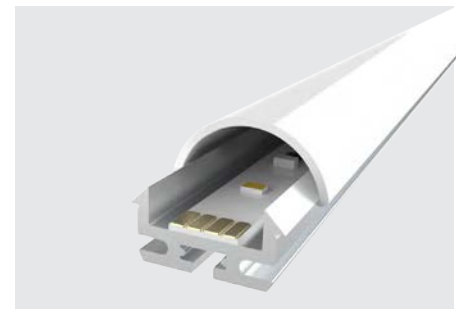
DIMENSIONS (MM)



LEDAL04 - CLEAR COVER






LEDAL04 - DIFFUSE COVER



LEDAL04 - OPAL COVER

LEDAL04 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL04EC	LEDAL04 LEDAL04B (Black) LEDAL04W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL04M2 LEDAL04M2B (Black) LEDAL04M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL04M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL04CC1M/ LEDAL04CC2M/ LEDAL04CC3M	1M clear cover / 2M clear cover / 3M clear cover
	LEDAL04ECH	LEDAL04DC1M/ LEDAL04DC2M/ LEDAL04DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL04MC1M/ LEDAL04MC2M/ LEDAL04MC3M	1M opal cover / 2M opal cover / 3M opal cover
		LEDAL04EC	Metal solid end cap (without hole) with screws
		LEDAL04ECH	Metal end cap with hole (for cable entry) with screws
	LEDAL04MB	LEDAL04MB	Metal mounting bracket

COMUS LED PROFILES | LEDAL05

Shallow recessed aluminium extrusion suitable for single row LED strips (not wider than 11mm).

FEATURES

- Base thickness: 0.8 mm
- Height: 5.9mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 22mm
- Width (internal): 11.2mm
- Width (opening): 15.2mm

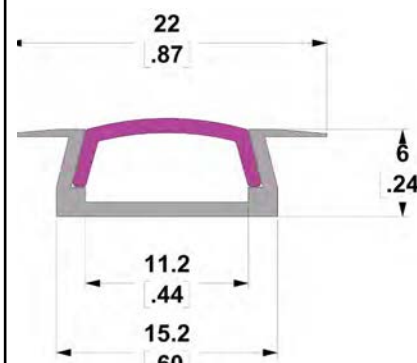


BENEFITS

- High quality anodized aluminium (6063)
- Slide in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



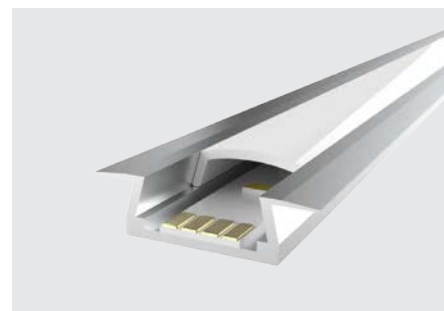
DIMENSIONS (MM)



LEDAL05 - CLEAR COVER


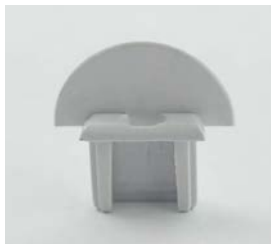



LEDAL05 - DIFFUSE COVER



LEDAL05 - OPAL COVER

LEDAL05 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL05EC	LEDAL05 LEDAL05B (Black) LEDAL05W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL05M2 LEDAL05M2B (Black) LEDAL05M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL05M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
	LEDAL05ECH	LEDAL05CC1M/ LEDAL05CC2M/ LEDAL05 CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL05DC1M/ LEDAL05DC2M/ LEDAL05DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL05MC1M/ LEDAL05C2M/ LEDAL05MC3M	1M opal cover / 2M opal cover / 3M opal Cover
	LEDAL05MB	LEDAL05EC	Solid end cap (without hole) in white
		LEDAL05ECH	End cap with hole (for cable entry) in white
		LEDAL05MB	Metal mounting bracket

COMUS LED PROFILES | LEDAL06

Shallow surface mounted aluminium extrusion suitable for single row LED strips (not wider than 11mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 6mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 15.2mm
- Width (internal): 11.2mm

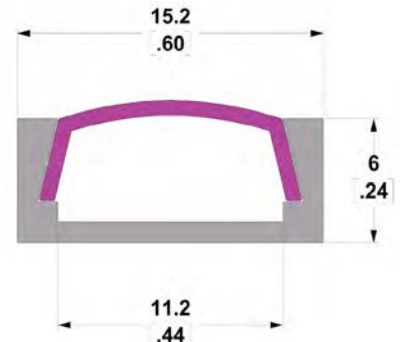


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



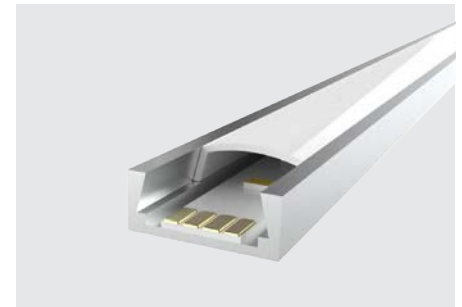
DIMENSIONS (MM)



LEDAL06 - CLEAR COVER



LEDAL06 - DIFFUSE COVER



LEDAL06 - OPAL COVER

LEDAL06 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
		LEDAL06 LEDAL06B (Black) LEDAL06W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
	LEDAL06EC	LEDAL06M2 LEDAL06M2B (Black) LEDAL06M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL06M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
	LEDAL06ECH	LEDAL06CC1M/ LEDAL06CC2M/ LEDAL06CC3M	1M clear cover / 2M clear cover / 3M clear cover
	LEDAL06MB	LEDAL06DC1M/ LEDAL06DC2M/ LEDAL06DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL06MC1M/ LEDAL06MC2M/ LEDAL06MC3M	1M opal cover / 2M opal cover / 3M opal cover
	LEDAL06CB	LEDAL06EC	Solid end cap (without hole) in white
		LEDAL06ECH	End cap with hole (for cable entry) in white
		LEDAL06MB	Metal mounting bracket
		LEDAL06CB	White plastic bracket allowing two lengths of LEDAL06 to be joined around corners.
	LEDAL06JB	LEDAL06JB	White plastic bracket allowing two lengths of LEDAL06 to be joined in a flat line.

LEDAL06CB

LEDAL06JB

COMUS LED PROFILES | LEDAL07

Fluted surface mounted aluminium extrusion suitable for LED strips (not wider than 11mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 12mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 16mm
- Width (internal): 11.2mm

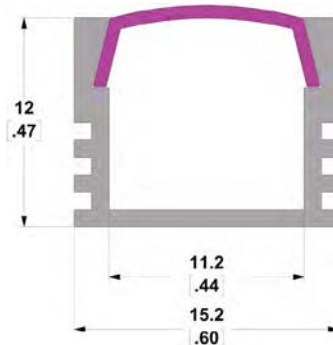


BENEFITS

- High quality anodized aluminium (6063)
- Slide in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



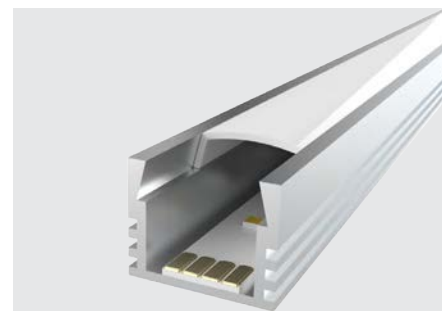
DIMENSIONS (MM)



LEDAL07 - CLEAR COVER






LEDAL07 - DIFFUSE COVER



LEDAL07 - OPAL COVER

LEDAL07 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL07EC	LEDAL07 LEDAL07B (Black) LEDAL07W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL07M2 LEDAL07M2B (Black) LEDAL07M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL07M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
	LEDAL07ECH	LEDAL07CC1M/ LEDAL07CC2M/ LEDAL07 CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL07DC1M/ LEDAL07DC2M/ LEDAL07DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL07MC1M/ LEDAL07MC2M/ LEDAL07MC3M	1M opal cover / 2M opal cover / 3M opal Cover
	LEDAL07MB	LEDAL07EC	Solid end cap (without hole) in white
		LEDAL07ECH	End cap with hole (for cable entry) in white
		LEDAL07MB	Metal mounting bracket

COMUS LED PROFILES | LEDAL08

Recessed aluminium extrusion suitable for LED strips (not wider than 12mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 7mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 17.5mm
- Width (internal): 12.2mm
- Width (opening): 12.2mm

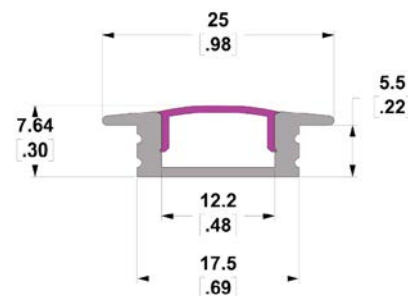


BENEFITS

- High quality anodized aluminium (6063)
- Clip or slide in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



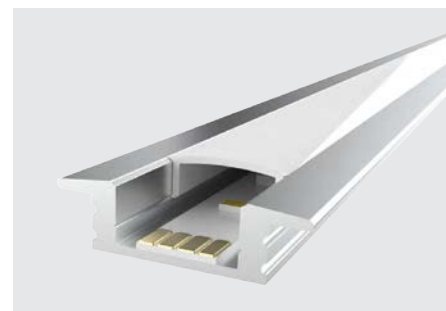
DIMENSIONS (MM)



LEDAL08 - CLEAR COVER



LEDAL08 - DIFFUSE COVER



LEDAL08 - OPAL COVER

LEDAL08 OPTIONS AND ACCESSORIES

		LEDAL08	
		PART CODE	DESCRIPTION
	LEDAL08EC	LEDAL08	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL08B (Black)	
		LEDAL08W (White)	
	LEDAL08ECH	LEDAL08M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL08M2B (Black)	
		LEDAL08M2W (White)	
	LEDAL08MB	LEDAL08M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL08CC1M/ LEDAL08CC2M/ LEDAL08CC3M	
		LEDAL08DC1M/ LEDAL08DC2M/ LEDAL08DC3M	
	LEDAL08MC1M/ LEDAL08MC2M/ LEDAL08MC3M	LEDAL08MC1M/ LEDAL08MC2M/ LEDAL08MC3M	1M opal cover / 2M opal cover / 3M opal cover
		LEDAL08EC	
		LEDAL08ECH	
	LEDALCLIP90	LEDAL08MB	Metal mounting bracket
		LEDALCLIP90	
		LEDALCLIP90	

COMUS LED PROFILES | LEDAL09

Suspended T8 tube style ceiling aluminium extrusion suitable for LED strips (not wider than 16mm or 2 x 8mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 31mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (internal): 21mm
- Cover diameter: 28mm

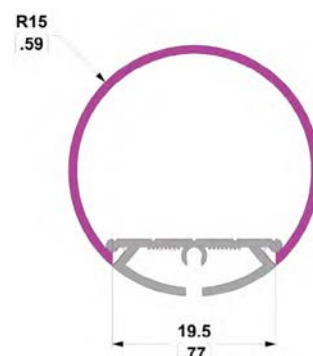


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:






DIMENSIONS (MM)



LEDAL09 - DIFFUSE COVER



LEDAL09 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL09EC	LEDAL09	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL09B (Black)	
		LEDAL09W (White)	
	LEDAL09ECH	LEDAL09M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL09M2B (Black)	
		LEDAL09M2W (White)	
	LEDALSWTYPEA	LEDAL09M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL09DC1M/ LEDAL09DC2M/ LEDAL09DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL09EC	Solid end cap (without hole) in white
		LEDAL09ECH	End cap with hole (for cable entry) in white
		LEDALSWTYPEA	Suspension wire x 2 (See p.59)

COMUS LED PROFILES | LEDAL10

Wall light recessed aluminium extrusion suitable for LED strips (not wider than 14mm).

FEATURES

- Base thickness: 2mm
- Height: 25.58mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 69.97mm
- Width (internal): 14mm

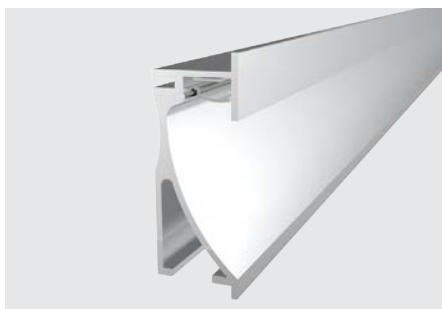
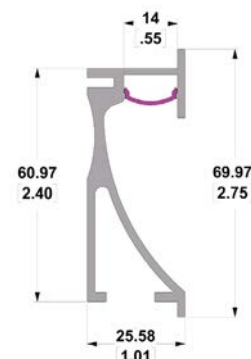


BENEFITS

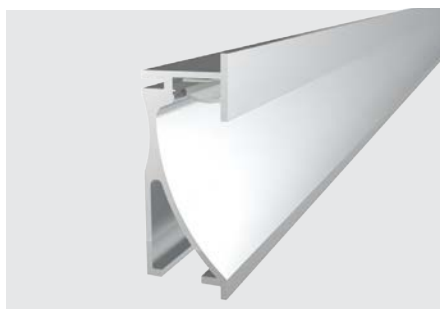
- High quality anodized aluminium (6063)
- Clip and slide in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



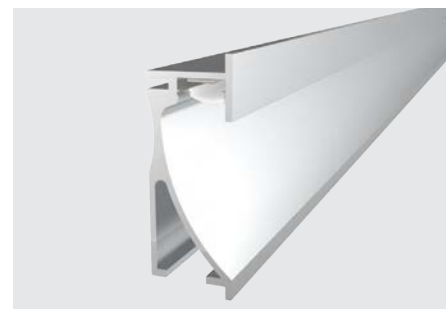
DIMENSIONS (MM)



LEDAL10 - CLEAR COVER





LEDAL10 - DIFFUSE COVER



LEDAL10 - OPAL COVER

LEDAL10 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL10EC	LEDAL10	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL10B (Black)	
		LEDAL10W (White)	
		LEDAL10M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL10M2B (Black)	
		LEDAL10M2W (White)	
	LEDAL10ECH	LEDAL10M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL10CC1M/ LEDAL10CC2M/ LEDAL10CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL10DC1M/ LEDAL10DC2M/ LEDAL10DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL10MC1M/ LEDAL10MC2M/ LEDAL10MC3M	1M opal cover / 2M opal cover / 3M opal cover
		LEDAL10EC	Solid end cap (without hole) in white
		LEDAL10ECH	End cap with hole (for cable entry) in white

COMUS LED PROFILES | LEDAL11

Fluted corner surface mounted aluminium extrusion suitable for LED strips (not wider than 11mm).

FEATURES

- Base thickness: 3mm
- Height: 19mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 16mm
- Width (internal): 13.2mm
- Width (opening): 11.2mm

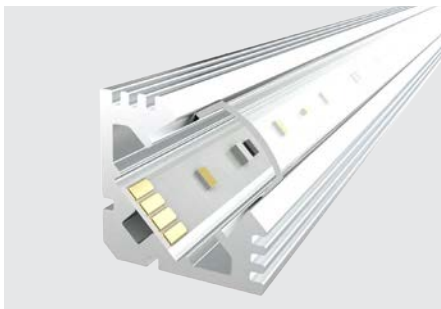
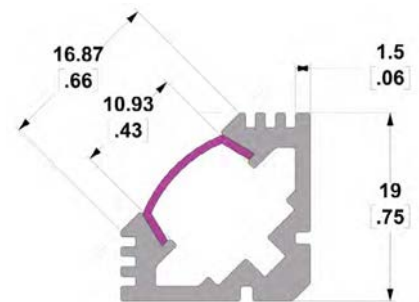


BENEFITS

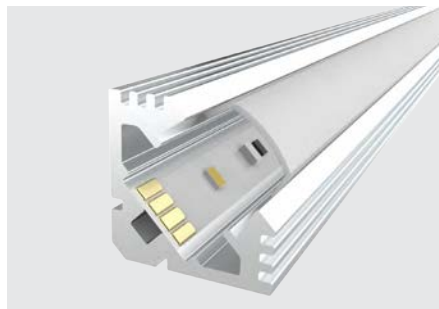
- High quality anodized aluminium (6063)
- Slide in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



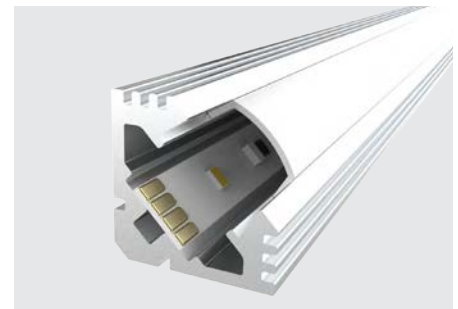
DIMENSIONS (MM)



LEDAL11 - CLEAR COVER








LEDAL11 - DIFFUSE COVER



LEDAL11 - OPAL COVER

LEDAL11 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL11EC	LEDAL11	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL11B (Black)	
		LEDAL11W (White)	
	LEDAL11ECH	LEDAL11M2	KKIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL11M2B (Black)	
		LEDAL11M2W (White)	
	LEDAL11M3	LEDAL11M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL11CC1M/ LEDAL11CC2M/ LEDAL11 CC3M	
		LEDAL11DC1M/ LEDAL11DC2M/ LEDAL11DC3M	
	LEDAL11MC1M/ LEDAL11MC2M/ LEDAL11MC3M	LEDAL11MC1M/ LEDAL11MC2M/ LEDAL11MC3M	1M opal cover / 2M opal cover / 3M opal Cover
		LEDAL11EC	
		LEDAL11ECH	
	LEDALBRKT02B	LEDAL11MB	Metal Mounting Bracket
		LEDALBRKT02B	Pair of mounting brackets that allow the profile to be swivelled. (See p.59)

COMUS LED PROFILES | LEDAL12

Surface mounted aluminium extrusion with 30Deg clear lens suitable for LED strips (not wider than 13mm).

FEATURES

- Base thickness: 1.1mm
- Height: 15.6mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 17.6mm
- Width (internal): 13mm

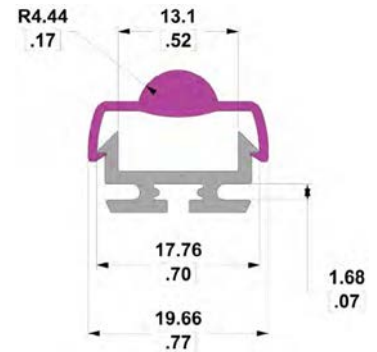


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate lens
- Low weight
- Easy and fast assembly
- Base colours available:






DIMENSIONS (MM)



LEDAL12 - CLEAR LENS



LEDAL12 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL12EC	LEDAL12	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL12B (Black)	
		LEDAL12W (White)	
		LEDAL12M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
	LEDAL12ECH	LEDAL12M2B (Black)	
		LEDAL12M2W (White)	
		LEDAL12M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL12CC1M/ LEDAL12CC2M/ LEDAL12CC3M	1M clear lens / 2M clear lens / 3M clear lens
		LEDAL12EC	Solid metal end cap (without hole)
	LEDAL12MB	LEDAL12ECH	Metal end cap with hole (for cable entry)
		LEDAL12MB	Metal mounting bracket

COMUS LED PROFILES | LEDAL13

Fluted shallow surface mounted aluminium extrusion suitable for LED strips (not wider than 12mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 7mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 17.5mm
- Width (internal): 12.2mm

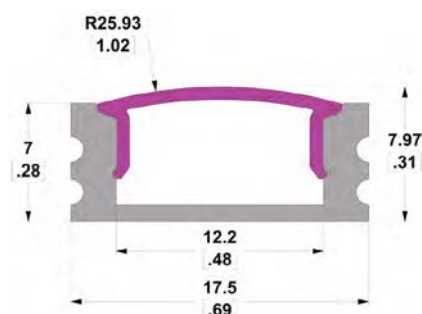


BENEFITS

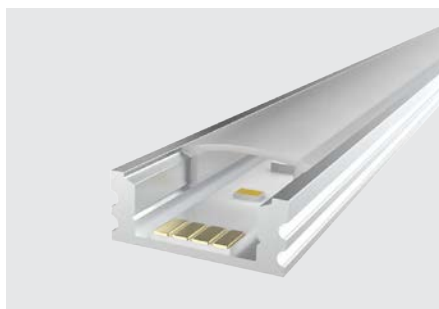
- High quality anodized aluminium (6063)
- Fluted sides for adjustable height and improved heat dissipation.
- Slide and clip in polycarbonate cover
- Base colours available:



DIMENSIONS (MM)



LEDAL13 - CLEAR COVER



LEDAL13 - DIFFUSE COVER



LEDAL13 - OPAL COVER

LEDAL13 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL13EC	LEDAL13	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL13B (Black)	
		LEDAL13W (White)	
	LEDAL13ECH	LEDAL13M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL13M2B (Black)	
		LEDAL13M2W (White)	
	LEDAL13M3	LEDAL13M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL13CC1M/ LEDAL13CC2M/ LEDAL13 CC3M	
		LEDAL13CC1M/ LEDAL13CC2M/ LEDAL13 CC3M	
	LEDAL13MB	LEDAL13DC1M/ LEDAL13DC2M/ LEDAL13DC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL13MC1M/ LEDAL13MC2M/ LEDAL13MC3M	
		LEDAL13MC1M/ LEDAL13MC2M/ LEDAL13MC3M	
	LEDALCLIP90	LEDAL13EC	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL13ECH	1M opal cover / 2M opal cover / 3M opal Cover
		LEDAL13EC	Solid end cap (without hole) in grey
	LEDAL13CB	LEDAL13ECH	End cap with hole (for cable entry) in grey
		LEDAL13MB	Metal mounting bracket
		LEDALCLIP90	90 degree mounting bracket (See p.59)
	LEDAL13JB	LEDAL13CB	White polycarbonate bracket allowing two lengths of LEDAL13 to be joined around corners.
		LEDAL13JB	White polycarbonate bracket allowing two lengths of LEDAL13 to be joined in a flat line.

COMUS LED PROFILES | LEDAL14

Recessed mounted high depth aluminium extrusion suitable for LED strips (not wider than 12mm).

FEATURES

- Base thickness: 0.8 mm
- Height: 15mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 15.2mm
- Width (internal): 11.2mm
- Width (base): 17.5mm

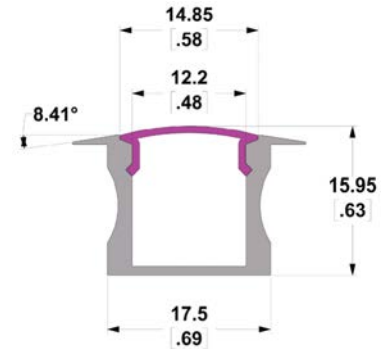


BENEFITS

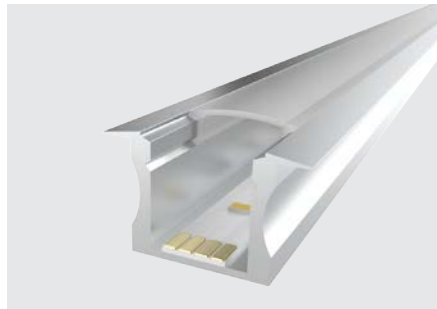
- High quality anodized aluminium (6063)
- Slide and clip in polycarbonate cover
- High depth ensures no dots
- Easy and fast assembly
- Base colours available:



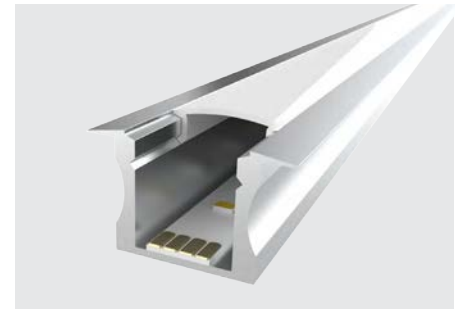
DIMENSIONS (MM)



LEDAL14 - CLEAR COVER






LEDAL14 - DIFFUSE COVER



LEDAL14 - OPAL COVER

LEDAL14 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL14EC	LEDAL14	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL14B (Black) LEDAL14W (White)	
		LEDAL14M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL14M2B (Black) LEDAL14M2W (White)	
	LEDAL14ECH	LEDAL14M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL14CC1M/ LEDAL14CC2M/ LEDAL14CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL14DC1M/ LEDAL14DC2M/ LEDAL14DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL14MC1M/ LEDAL14MC2M/ LEDAL14MC3M	1M opal cover / 2M opal cover / 3M opal cover
	LEDAL14MB	LEDAL14EC	Solid end cap (without hole) in grey
		LEDAL14ECH	End cap with hole (for cable entry) in grey
		LEDAL14MB	Metal mounting bracket

COMUS LED PROFILES | LEDAL15

Surface mounted high depth aluminium extrusion suitable for LED strips (not wider than 12mm).

FEATURES

- Base thickness: 0.8mm
- Height: 15mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 17.5mm
- Width (internal): 12.2mm
- Width (base): 17.5mm

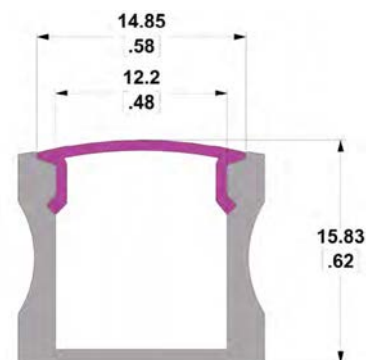


BENEFITS

- High quality anodized aluminium (6063)
- Slide and clip in polycarbonate cover
- High depth ensures no dots
- Base colours available:



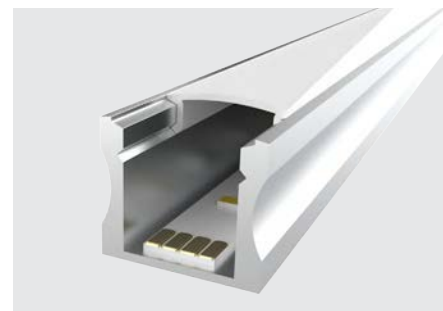
DIMENSIONS (MM)



LEDAL15 - CLEAR COVER







LEDAL15 - DIFFUSE COVER



LEDAL15 - OPAL COVER

LEDAL15 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
		LEDAL15 LEDAL15B (Black) LEDAL15W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
	LEDAL15EC	LEDAL15M2 LEDAL15M2B (Black) LEDAL15M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
	LEDAL15ECH	LEDAL15M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
	LEDAL15MB	LEDAL15CC1M/ LEDAL15CC2M/ LEDAL15 CC3M	1M clear cover / 2M clear cover / 3M clear cover
	LEDAL15MB	LEDAL15DC1M/ LEDAL15DC2M/ LEDAL15DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
	LEDAL15MB	LEDAL15MC1M/ LEDAL15MC2M/ LEDAL15MC3M	1M opal cover / 2M opal cover / 3M opal Cover
	LEDAL15EC	LEDAL15EC	Solid end cap (without hole) in grey
	LEDAL15ECH	LEDAL15ECH	End cap with hole (for cable entry) in grey
	LEDAL15MB	LEDAL15MB	Metal mounting bracket
LEDALCLIP90		LEDALCLIP90	90 degree mounting bracket (See p.59)

COMUS LED PROFILES | LEDAL16

Surface mounted aluminium extrusion with 30Deg clear lens suitable for LED strips (not wider than 16mm or 2 x 8mm).

FEATURES

- Base thickness: 0.8 mm
- Height: 16.25mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 19.76mm
- Width (internal): 12.2mm

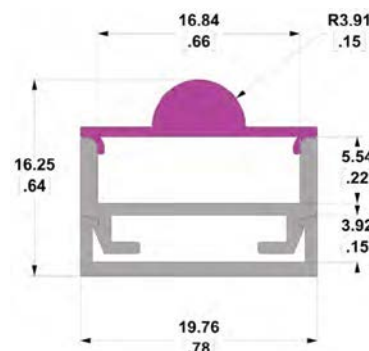


BENEFITS

- High quality anodized aluminium (6063)
- Slide in PMMA clear lens
- Cable tray to easily hide wires
- Easy and fast assembly
- Base colours available:





DIMENSIONS (MM)



LEDAL16 - CLEAR LENS



LEDAL16 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
		LEDAL16 LEDAL16B (Black) LEDAL16W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
	LEDAL16EC	LEDAL16M2 LEDAL16M2B (Black) LEDAL16M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL16M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
	LEDAL16ECH	LEDAL16CC1M/ LEDAL16CC2M/ LEDAL16CC3M	1M clear lens / 2M clear lens / 3M clear lens
		LEDAL16EC	Solid end cap (without hole) in white
		LEDAL16ECH	End cap with hole (for cable entry) in white
		LEDAL16MB	Metal mounting bracket

LEDAL16MB



COMUS LED PROFILES | LEDAL17

Under cabinet aluminium extrusion suitable for LED strips (not wider than 12mm).

FEATURES

- Base thickness: 2mm
- Height: 9.27mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 55.88mm
- Width (internal): 12.35mm

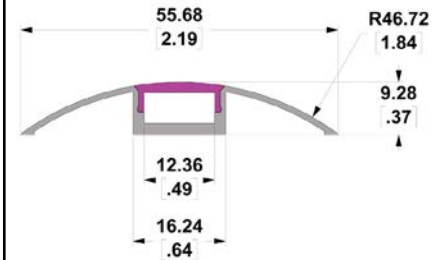


BENEFITS

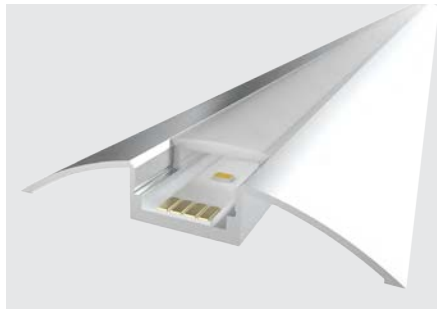
- High quality anodized aluminium (6063)
- Slide and clip in polycarbonate cover
- Low weight
- Easy and fast assembly
- Base colours available:



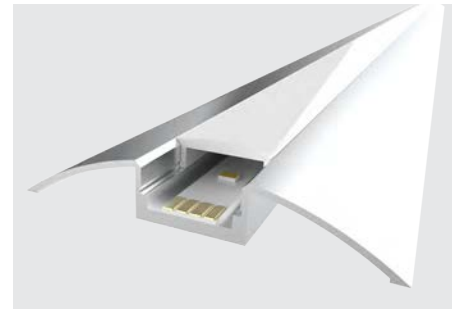
DIMENSIONS (MM)



LEDAL17 - CLEAR COVER





LEDAL17 - DIFFUSE COVER



LEDAL17 - OPAL COVER

LEDAL17 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL17ECH	LEDAL17 LEDAL17B (Black) LEDAL17W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL17M2 LEDAL17M2B (Black) LEDAL17M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL17M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL17CC1M/ LEDAL17CC2M/ LEDAL17 CC3M	1M clear cover / 2M clear cover / 3M clear cover
	LEDAL17MB	LEDAL17DC1M/ LEDAL17DC2M/ LEDAL17DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL17MC1M/ LEDAL17MC2M/ LEDAL17MC3M	1M opal cover / 2M opal cover / 3M opal Cover
		LEDAL17ECH	End cap with hole (for cable entry) in white
		LEDAL17MB	Polycarbonate mounting bracket

COMUS LED PROFILES | LEDAL18

Recessed aluminium extrusion suitable for single row LED strips (not wider than 11mm).

FEATURES

- Base thickness: 1.5mm
- Height: 11mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 21.34mm
- Width (internal): 12.14mm
- Cover thickness: 3mm

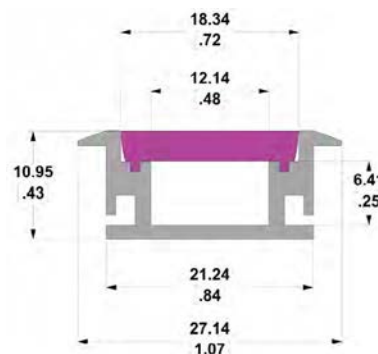


BENEFITS

- High quality anodized aluminium (6063)
- Slide and clip in polycarbonate cover
- Strong polycarbonate allows the profile to be walked over safely
- Base colours available:



DIMENSIONS (MM)



LEDAL18 - DIFFUSE COVER



LEDAL18 OPTIONS AND ACCESSORIES



LEDAL18EC

PART CODE	DESCRIPTION
LEDAL18	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
LEDAL18B (Black)	
LEDAL18W (White)	
LEDAL18M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
LEDAL18M2B (Black)	
LEDAL18M2W (White)	
LEDAL18M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
LEDAL18DC1M/ LEDAL18DC2M/ LEDAL18DC3M	
LEDAL18EC	

COMUS LED PROFILES | LEDAL19

DESCRIPTION

Aluminium flat bar to be used with LED strips (not wider than 18mm or 2x 8mm). Ideal to be used with high power strips due to 3mm thick base.

FEATURES

- Base thickness (Height) : 3.2mm
- Width 18.6mm
- Lengths available: 1,2, 3M
(any custom size up to 3M)



DIMENSIONS (MM)



BENEFITS

- High quality anodized aluminium (6063)
- Bendable to a certain extent
- Ideal for coffer lighting



LEDAL19 - Aluminium flat bar

LEDAL19 OPTIONS AND ACCESSORIES

PART CODE	DESCRIPTION
LEDAL19	Aluminium flat bar to be used with LED strips

COMUS LED PROFILES | LEDAL20

Wide recessed aluminium extrusion suitable for LED strips (not wider than 20mm or 2 x 10mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 10mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 28.6mm
- Width (internal): 20.6mm

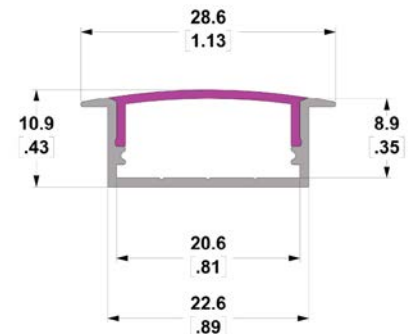


BENEFITS

- High quality anodized aluminium (6063)
- Slide and clip in polycarbonate cover
- Suitable for use with large variety of LED strips
- Base colours available:



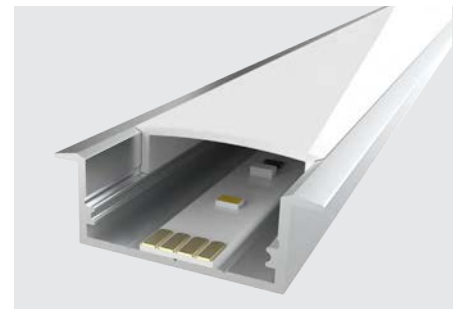
DIMENSIONS (MM)



LEDAL20 - CLEAR COVER






LEDAL20 - DIFFUSE COVER



LEDAL20 - OPAL COVER

LEDAL20 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
		LEDAL20 LEDAL20B (Black) LEDAL20W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
	LEDAL20EC	LEDAL20M2 LEDAL20M2B (Black) LEDAL20M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL20M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
	LEDAL20ECH	LEDAL20CC1M/ LEDAL20CC2M/ LEDAL20CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL20DC1M/ LEDAL20DC2M/ LEDAL20DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL20MC1M/ LEDAL20MC2M/ LEDAL20MC3M	1M opal cover / 2M opal cover / 3M opal cover
	LEDAL20MB	LEDAL20EC	Solid end cap (without hole) in white
		LEDAL20ECH	End cap with hole (for cable entry) in white
		LEDAL20MB	Polycarbonate mounting bracket

COMUS LED PROFILES | LEDAL21

Wide surface mounted wide aluminium extrusion suitable for LED strips (not wider than 20mm or 2 x 10mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 10mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 22.6mm
- Width (internal): 20.6mm

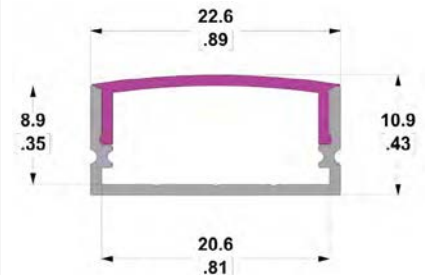


BENEFITS

- High quality anodized aluminium (6063)
- Slide and clip in polycarbonate cover
- Suitable to use with a large variety of LED strips
- Base colours available:



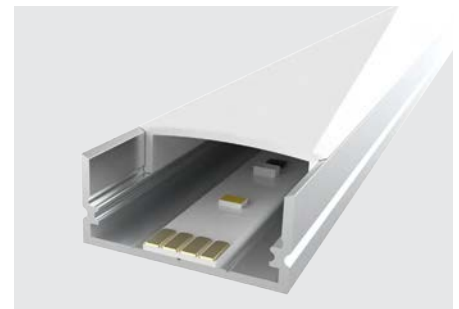
DIMENSIONS (MM)



LEDAL21 - CLEAR COVER






LEDAL21 - DIFFUSE COVER



LEDAL21 - OPAL COVER

LEDAL21 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL21EC	LEDAL21	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL21B (Black)	
		LEDAL21W (White)	
	LEDAL21ECH	LEDAL21M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL21M2B (Black)	
		LEDAL21M2W (White)	
		LEDAL21M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL21CC1M/ LEDAL21CC2M/ LEDAL21 CC3M	1M clear cover / 2M clear cover / 3M clear cover
	LEDAL21MB	LEDAL21DC1M/ LEDAL21DC2M/ LEDAL21DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL21MC1M/ LEDAL21MC2M/ LEDAL21MC3M	1M opal cover / 2M opal cover / 3M opal Cover
		LEDAL21EC	Solid end cap (without hole) in white
		LEDAL21ECH	End cap with hole (for cable entry) in white
		LEDAL21MB	Polycarbonate mounting bracket

COMUS LED PROFILES | LEDAL22

Corner surface mounted aluminium extrusion suitable for high power LED strips (not wider than 12mm).

FEATURES

- Base thickness (min/max)
: 3mm/ 8mm
- Height: 17.67mm
- Lengths available: 1, 2, 3M
(any custom size up to 3M)
- Width (external): 25.82mm
- Width (internal): 12.2mm

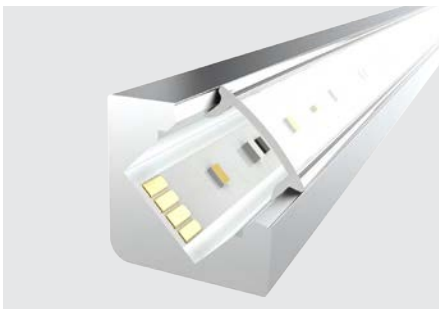
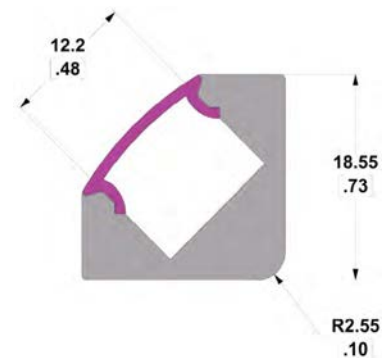


BENEFITS

- High quality anodized aluminium (6063)
- Slide and clip in polycarbonate cover
- Efficient heat dissipation for very high power LED strips
- Base colours available:



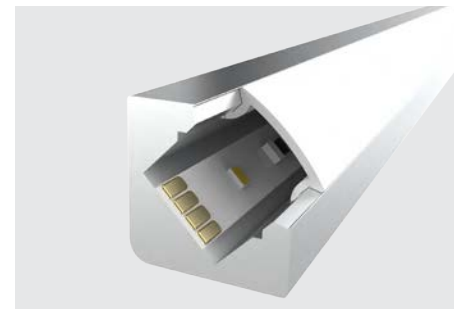
DIMENSIONS (MM)



LEDAL22 - CLEAR COVER






LEDAL22 - DIFFUSE COVER



LEDAL22 - OPAL COVER

LEDAL22 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL22EC	LEDAL22	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL22B (Black)	
		LEDAL22W (White)	
		LEDAL22M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL22M2B (Black)	
	LEDAL22ECH	LEDAL22M2W (White)	
		LEDAL22M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL22CC1M/ LEDAL22CC2M/ LEDAL22CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL22DC1M/ LEDAL22DC2M/ LEDAL22DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL22MC1M/ LEDAL22MC2M/ LEDAL22MC3M	1M opal cover / 2M opal cover / 3M opal cover
	LEDAL22MB	LEDAL22EC	Solid end cap (without hole) in white
		LEDAL22ECH	End cap with hole (for cable entry) in white
		LEDAL22MB	Polycarbonate mounting bracket

COMUS LED PROFILES | LEDAL23

Wide corner surface mounted aluminium extrusion suitable for LED strips (not wider than 20mm or 2 x 10mm).

FEATURES

- Base thickness: 1.1 mm
- Height: 30mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 15.2mm
- Width (internal): 11.2mm

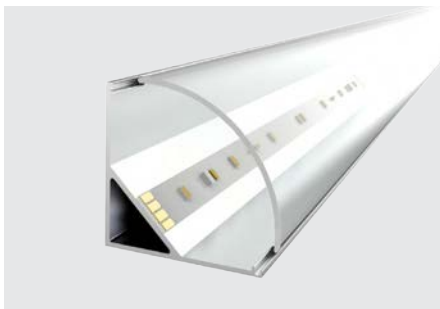
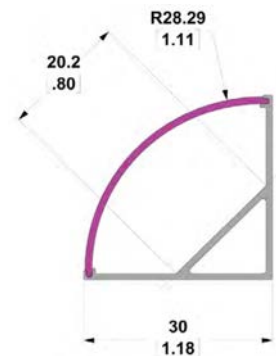


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Suitable for use with large variety of LED strips
- Easy and fast assembly
- Base colours available:



DIMENSIONS (MM)



LEDAL23 - CLEAR COVER






LEDAL23 - DIFFUSE COVER



LEDAL23 - OPAL COVER

LEDAL23 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL23EC	LEDAL23	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL23B (Black)	
		LEDAL23W (White)	
	LEDAL23ECH	LEDAL23M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL23M2B (Black)	
		LEDAL23M2W (White)	
		LEDAL23M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL23CC1M/ LEDAL23CC2M/ LEDAL23CC3M	1M clear cover / 2M clear cover / 3M clear cover
	LEDAL23MB	LEDAL23DC1M/ LEDAL23DC2M/ LEDAL23DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL23MC1M/ LEDAL23MC2M/ LEDAL23MC3M	1M opal cover / 2M opal cover / 3M opal Cover
		LEDAL23EC	Solid end cap (without hole) in white
		LEDAL23ECH	End cap with hole (for cable entry) in white
		LEDAL23MB	Polycarbonate mounting bracket

COMUS LED PROFILES | LEDAL24

Surface mounted round aluminium extrusion ideal for wardrobes. Suitable for LED strips not wider than 12mm.

FEATURES

- Base thickness: 2.4 mm
- Diameter: 20.8mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 15.2mm
- Width (internal): 12.2mm

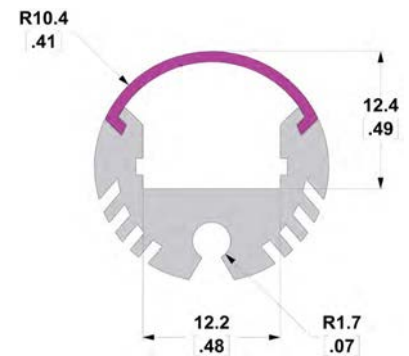


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Ideal for wardrobe lighting
- Easy and fast assembly
- Base colours available:



DIMENSIONS (MM)



LEDAL24 - CLEAR COVER



LEDAL24 - DIFFUSE COVER



LEDAL24 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL24EC	LEDAL24	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
	LEDAL24ECH	LEDAL24B (Black)	
		LEDAL24W (White)	
	LEDAL24MB	LEDAL24M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL24M2B (Black)	
		LEDAL24M2W (White)	
		LEDAL24M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL24CC1M/ LEDAL24CC2M/ LEDAL24CC3M	
		LEDAL24DC1M/ LEDAL24DC2M/ LEDAL24DC3M	
	LEDALBRTYPEA	LEDAL24EC	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL24ECH	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL24MB	Solid end cap (without hole) in white
	LEDALBRTYPEA	LEDAL24ECH	End cap with hole (for cable entry) in white
		LEDAL24MB	Metal mounting bracket
		LEDALBRTYPEA	Wall mounting bracket for LEDAL24 (See p.59)
	LEDALSWTYPEB	LEDAL24EC	Suspension wire for use with round profiles x 2 (See p.59)
		LEDAL24ECH	

COMUS LED PROFILES | LEDAL25

Deep surface mounted aluminium extrusion suitable for LED strips (not wider than 11mm).

FEATURES

- Base thickness: 3.4 mm
- Height: 15.8mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 15.2mm
- Width (internal): 11.2mm

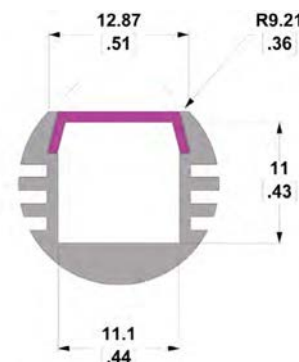


BENEFITS

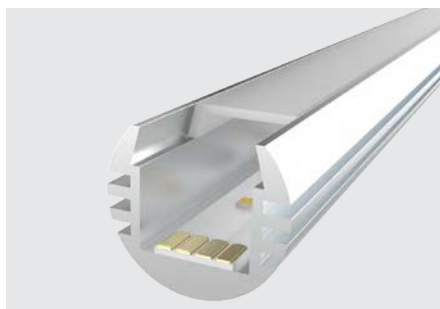
- High quality anodized aluminium (6063)
- Slide in polycarbonate cover
- High depth eliminates spotting
- Easy and fast assembly
- Base colours available:



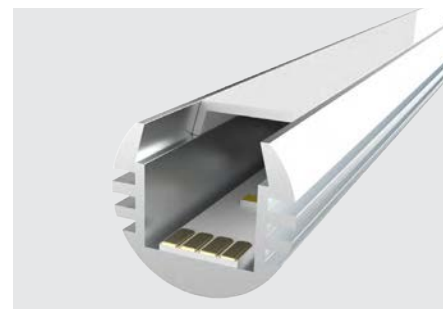
DIMENSIONS (MM)



LEDAL25 - CLEAR COVER






LEDAL25 - DIFFUSE COVER



LEDAL25 - OPAL COVER

LEDAL25 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL25EC	LEDAL25	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL25B (Black)	
		LEDAL25W (White)	
		LEDAL25M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
	LEDAL25ECH	LEDAL25M2B (Black)	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL25M2W (White)	
		LEDAL25M3	
		LEDAL25CC1M/ LEDAL25CC2M/ LEDAL25CC3M	
	LEDAL25MB	LEDAL25DC1M/ LEDAL25DC2M/ LEDAL25DC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL25MC1M/ LEDAL25MC2M/ LEDAL25MC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL25EC	1M opal cover / 2M opal cover / 3M opal Cover
		LEDAL25ECH	Solid end cap (without hole) in white
		LEDAL25MB	End cap with hole (for cable entry) in white
		LEDAL25MB	Metal mounting bracket

COMUS LED PROFILES | LEDAL26

Versatile aluminium extrusion that can be suspended or surface mounted. Suitable for LED strips (not wider than 11mm).

FEATURES

- Base thickness: 1.4 mm
- Height: 19.4mm
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 20.32mm
- Width (internal): 16.9mm

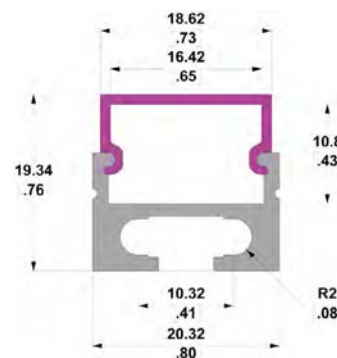


BENEFITS

- High quality anodized aluminium (6063)
- Clip in PMMA or polycarbonate cover
- Strong opal diffuser eliminates spotting
- Base colours available:



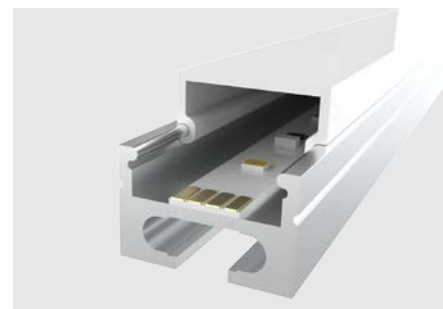
DIMENSIONS (MM)



LEDAL26 - CLEAR COVER



LEDAL26 - DIFFUSE COVER



LEDAL26 - OPAL COVER

LEDAL26 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
		LEDAL26 LEDAL26B (Black) LEDAL26W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
	LEDAL26EC	LEDAL26M2 LEDAL26M2B (Black) LEDAL26M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
	LEDAL26ECH	LEDAL26M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
	LEDAL26MB	LEDAL26CC1M/ LEDAL26CC2M/ LEDAL26CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL26DC1M/ LEDAL26DC2M/ LEDAL26DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL26MC1M/ LEDAL26MC2M/ LEDAL26MC3M	1M opal cover / 2M opal cover / 3M opal cover
		LEDAL26EC	Solid end cap (without hole) in white
		LEDAL26ECH	End cap with hole (for cable entry) in white
		LEDAL26MB	Metal mounting bracket
	LEDALSWTYPEA	LEDALSWTYPEA	Suspension wire x 2 (See p.59)

COMUS LED PROFILES | LEDAL27

Versatile aluminium extrusion that can be suspended or surface mounted. Suitable for LED strips (not wider than 11mm).

FEATURES

- Base thickness: 1.5 mm
- Height: 31.02mm
- Cover material: PMMA or polycarbonate
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 20.32mm
- Width (internal): 16.9mm

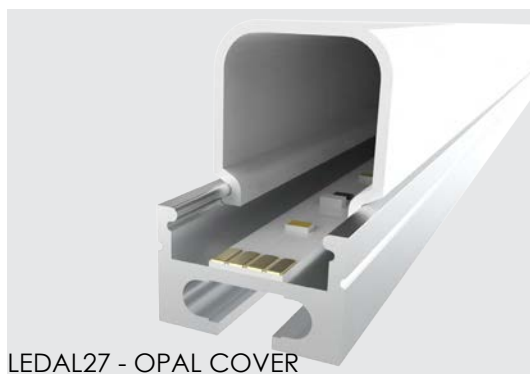
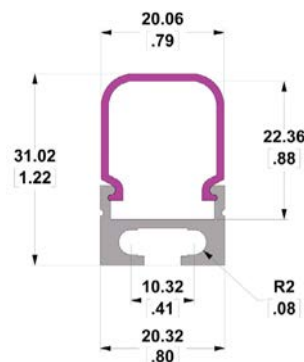


BENEFITS

- High quality anodized aluminium (6063)
- Clip in PMMA or polycarbonate cover
- Deep opal diffuser eliminates spotting
- Base colours available:

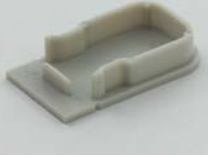




DIMENSIONS (MM)



LEDAL27 - OPAL COVER

LEDAL27 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
		LEDAL27 LEDAL27B (Black) LEDAL27W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
	LEDAL27EC	LEDAL27M2 LEDAL27M2B (Black) LEDAL27M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
	LEDAL27ECH	LEDAL27M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
	LEDAL27ECH	LEDAL27MC1M/ LEDAL27MC2M/ LEDAL27MC3M	1M opal cover / 2M opal cover / 3M opal Cover
	LEDAL27MB	LEDAL27EC	Solid end cap (without hole) in white
	LEDAL27MB	LEDAL27ECH	End cap with hole (for cable entry) in white
	LEDAL27MB	LEDAL27MB	Metal mounting bracket
	LEDALSWTYPEA	LEDALSWTYPEA	Suspension wire x 2 (See p.59)



COMUS LED PROFILES | LEDAL28

Slim aluminium extrusion for shelf and edge lighting. Suitable for LED strips (not wider than 6mm).

FEATURES

- Base thickness: 1.1mm
- Height: 12.4mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 12mm
- Width (internal): 10.3mm
- Width (opening): 8.5mm

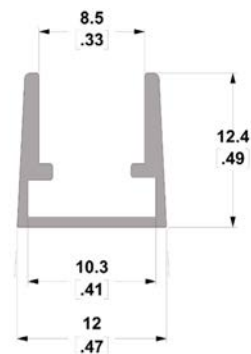


BENEFITS

- High quality anodized aluminium (6063)
- Designed for housing 8mm tempered glass
- Low weight
- Easy and fast assembly
- Base colours available:



DIMENSIONS (MM)



LEDAL28



LEDAL28 OPTIONS AND ACCESSORIES



LEDAL28EC

PART CODE	DESCRIPTION
LEDAL28 LEDAL28B (Black) LEDAL28W (White)	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
LEDAL28M2 LEDAL28M2B (Black) LEDAL28M2W (White)	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
LEDAL28M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
LEDAL28EC	Solid end cap (without hole) in grey.

COMUS LED PROFILES | LEDAL29

Spot free surface mounted aluminium extrusion suitable for LED strips (not wider than 16mm or 2x 8mm).

FEATURES

- Base thickness: 1mm
- Height: 24mm
- Cover: polycarbonate
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 21mm
- Width (internal): 16.8mm

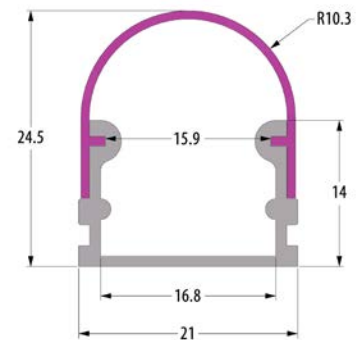


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Uniform and spot free light distribution
- Easy and fast assembly
- Base colours available:



DIMENSIONS (MM)







LEDAL29 - CLEAR COVER



LEDAL29 - DIFFUSE COVER



LEDAL29 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL29EC	LEDAL29	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL29B (Black)	
		LEDAL29W (White)	
	LEDAL29ECH	LEDAL29M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL29M2B (Black)	
		LEDAL29M2W (White)	
	LEDAL29DC1M/ LEDAL29DC2M/ LEDAL29DC3M	LEDAL29M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL29CC1M/ LEDAL29CC2M/ LEDAL29CC3M	
		LEDAL29DC1M/ LEDAL29DC2M/ LEDAL29DC3M	
	LEDAL29EC	LEDAL29EC	Solid end cap without hole in white
		LEDAL29ECH	End cap with hole (for cable entry) in white
		LEDAL29MB	Metal mounting bracket

COMUS LED PROFILES | LEDAL30

Spot free surface mounted aluminium extrusion suitable for LED strips (not wider than 16mm or 2 x 8mm).

FEATURES

- Base thickness: 1mm
- Height: 21mm
- Cover: polycarbonate
- Lengths available: 1,2, 3M (any custom size up to 3M)
- Width (external): 20.5mm
- Width (internal): 16.8mm

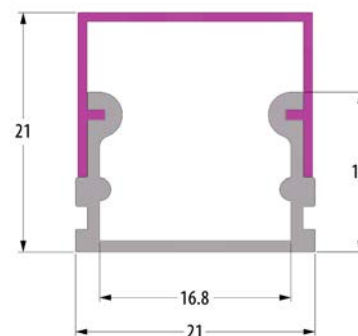


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Uniform and spot free light distribution
- Easy and fast assembly
- Base colours available:



DIMENSIONS (MM)



LEDAL30 - CLEAR COVER






LEDAL30 - DIFFUSE COVER



LEDAL30 - OPAL COVER

LEDAL30 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL30EC	LEDAL30	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL30B (Black)	
		LEDAL30W (White)	
	LEDAL30ECH	LEDAL30M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL30M2B (Black)	
		LEDAL30M2W (White)	
		LEDAL30M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL30CC1M/ LEDAL30CC2M/ LEDAL30CC3M	1M clear cover / 2M clear cover / 3M clear cover
	LEDAL30MB	LEDAL30DC1M/ LEDAL30DC2M/ LEDAL30DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL30MC1M/ LEDAL30MC2M/ LEDAL30MC3M	1M opal cover / 2M opal cover / 3M opal cover
		LEDAL30EC	Solid end cap (without hole) in white
		LEDAL30ECH	End cap with hole (for cable entry) in white
		LEDAL30MB	Metal mounting bracket

COMUS LED PROFILES | LEDAL31

Wide and shallow surface mounted aluminium extrusion suitable for LED strips (not wider than 18mm or 2 x 8mm).

FEATURES

- Base thickness: 1mm
- Height: 9.18mm
- Cover: Polycarbonate
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 22.6mm
- Width (internal): 18mm

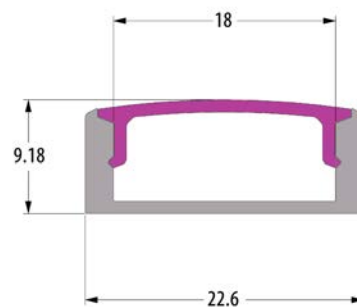


BENEFITS

- High quality anodized aluminium (6063)
- Clip in polycarbonate cover
- Suitable for use with large variety of LED strips
- Easy and fast assembly
- Base colours available:



DIMENSIONS (MM)



LEDAL31 - CLEAR COVER






LEDAL31 - DIFFUSE COVER



LEDAL31 - OPAL COVER

LEDAL31 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL31EC	LEDAL31	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 2 mounting brackets.
		LEDAL31B (Black)	
		LEDAL31W (White)	
		LEDAL31M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 4 mounting brackets.
		LEDAL31M2B (Black)	
	LEDAL31ECH	LEDAL31M2W (White)	
		LEDAL31M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole, 6 mounting brackets.
		LEDAL31CC1M/ LEDAL31CC2M/ LEDAL31CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL31DC1M/ LEDAL31DC2M/ LEDAL31DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL31MC1M/ LEDAL31MC2M/ LEDAL31MC3M	1M opal cover / 2M opal cover / 3M opal Cover
	LEDAL31MB	LEDAL31EC	Solid end cap (without hole) in white
		LEDAL31ECH	End cap with hole (for cable entry) in white
		LEDAL31MB	Polycarbonate mounting bracket

COMUS LED PROFILES | LEDAL32

Fluted surface mounted aluminium extrusion suitable for LED strips (not wider than 12mm or 2x 12mm).

FEATURES

- Base thickness: 1mm
- Height: 35mm
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 35mm
- Width (internal): 31mm

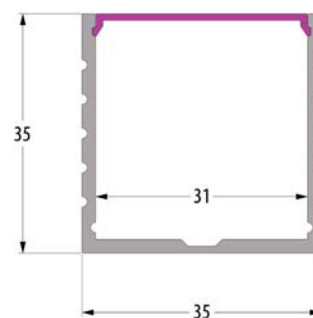


BENEFITS

- High quality aluminium (6063)
- Clip in polycarbonate cover
- Middle positioned channel for mounting via countersunk screws
- High depth and width allows use with a wide variety of LED strips
- Base colours available:



DIMENSIONS (MM)





LEDAL32 - CLEAR COVER



LEDAL32 - DIFFUSE COVER



LEDAL32 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL32EC	LEDAL32	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL32B (Black)	
		LEDAL32W (White)	
	LEDAL32ECH	LEDAL32M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL32M2B (Black)	
		LEDAL32M2W (White)	
		LEDAL32M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL32CC1M/ LEDAL32CC2M/ LEDAL32CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL32DC1M/ LEDAL32DC2M/ LEDAL32DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL32MC1M/ LEDAL32MC2M/ LEDAL32MC3M	1M opal cover / 2M opal cover / 3M opal cover
		LEDAL32EC	Solid end cap (without hole) in white
		LEDAL32ECH	End cap with hole (for cable entry) in white

COMUS LED PROFILES | LEDAL33

Fluted recessed aluminium extrusion suitable for one or two LED strips (not wider than 12mm).

FEATURES

- Base thickness: 1mm
- Height: 35mm
- Cover material: PMMA
- Lengths available: 1, 2, 3M (any custom size up to 3M)
- Width (external): 35mm
- Width (internal): 31mm
- Top Width: 45mm

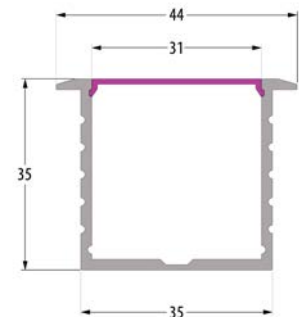


BENEFITS

- High quality aluminium (6063)
- Clip in polycarbonate cover
- Middle positioned channel for mounting via countersunk screws
- High depth and width allows use with a wide variety of LED strips
- Base colours available:



DIMENSIONS (MM)





LEDAL33 - CLEAR COVER



LEDAL33 - DIFFUSE COVER

LEDAL33 OPTIONS AND ACCESSORIES

		PART CODE	DESCRIPTION
	LEDAL33EC	LEDAL33	KIT consisting of: 1m aluminium profile, 1m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL33B (Black)	
		LEDAL33W (White)	
	LEDAL33ECH	LEDAL33M2	KIT consisting of: 2m aluminium profile, 2m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL33M2B (Black)	
		LEDAL33M2W (White)	
		LEDAL33M3	KIT consisting of: 3m aluminium profile, 3m diffuse cover, 1 end cap without hole, 1 with end cap with hole.
		LEDAL33CC1M/ LEDAL33CC2M/ LEDAL33CC3M	1M clear cover / 2M clear cover / 3M clear cover
		LEDAL33DC1M/ LEDAL33DC2M/ LEDAL33DC3M	1M diffuse cover / 2M diffuse cover / 3M diffuse cover
		LEDAL33MC1M/ LEDAL33MC2M/ LEDAL33MC3M	1M opal cover / 2M opal cover / 3M opal Cover
		LEDAL33EC	Solid end cap (without hole) in white
		LEDAL33ECH	End cap with hole (for cable entry) in white

Accessories for LEDAL Profiles

LEDALBRTYPEA

Accessory for round aluminium profile LEDAL24. 2 brackets are required per metre of profile. (See p.49).

Product features

- Bracket supplied with a profile fixing screw
- Product colour: Grey
- Product material: Plastic



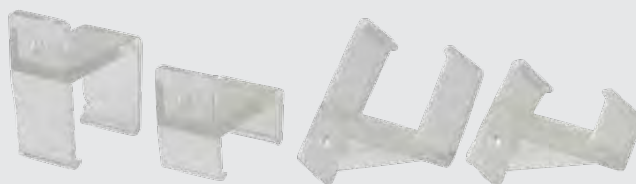
Order Code	LEDALBRTYPEA
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LEDALCLIP90

90 Degree Mounting Bracket for LEDAL08, LEDAL13 and LEDAL15. (See p.34, p.39 and p.41).

Product features

- Height: 27mm
- Width: 22mm
- Weight: 2g



Order Code	LEDALCLIP90
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LEDALSWTYPEA

Pair of suspension wires for use with LED profiles LEDAL01, LEDAL09, LEDAL26 and LEDAL27. (See p.27, p.35, p.51 and p.52).

Product features

- Length: 1M
- Material: Stainless Steel (SUS)
- Easy and quick installation via channel on the back of the profile.
- Allows aluminium profile to be suspended from the ceiling.



Order Code	LEDALSWTYPEA
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LEDALSWTYPEB

Pair of suspension wires for use with rounded LED profile LEDAL24. (See p.49).

Product features

- Length: 1M
- Material: Stainless Steel (SUS)
- Easy and quick installation via channel on the back of the profile.
- Allows aluminium profile to be suspended from the ceiling.



Order Code	LEDALSWTYPEB
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LEDBRKT02B

Pair of brackets for use with LED Profile LEDAL11. (See p.37).

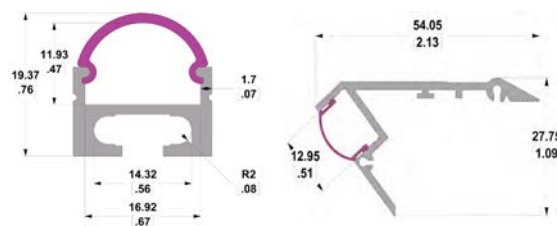
Product features

- Allows LEDAL11 extrusion to be swivelled so the light can be directed as required.
- Each bracket has a fixing hole and a cable exit hole.

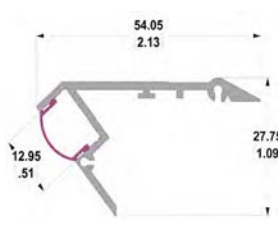


Order Code	LEDBRKT02B
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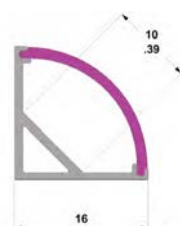
Comus LED Aluminium Profile Dimensions



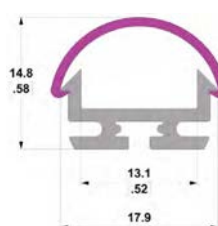
LEDAL01



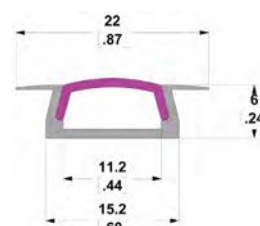
LEDAL02



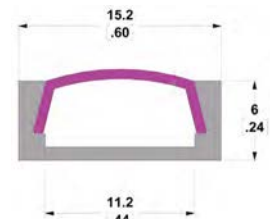
LEDAL03



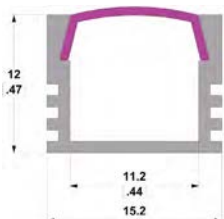
LEDAL04



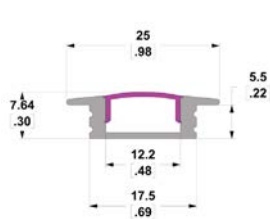
LEDAL05



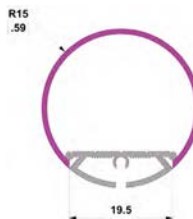
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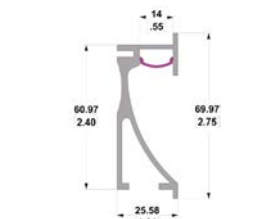
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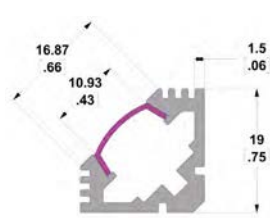
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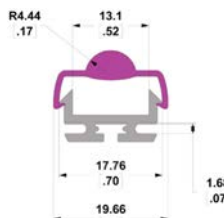
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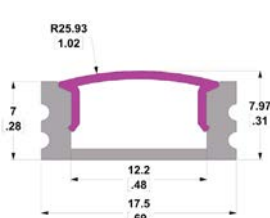
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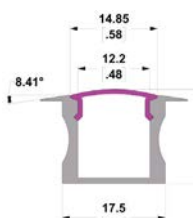
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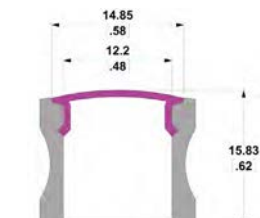
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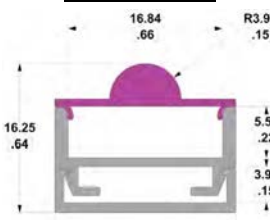
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LEDAL14



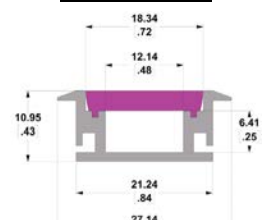
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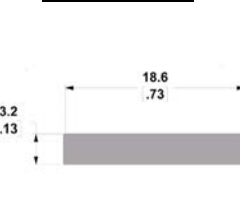
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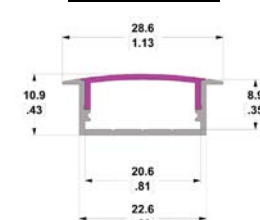
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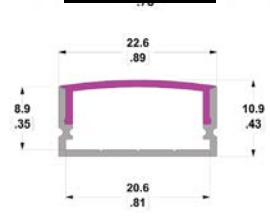
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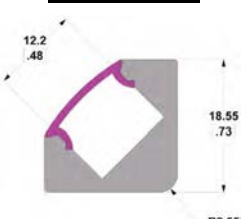
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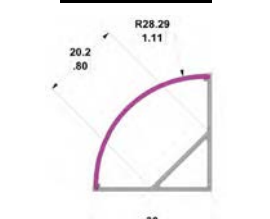
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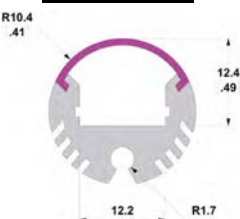
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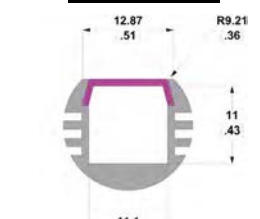
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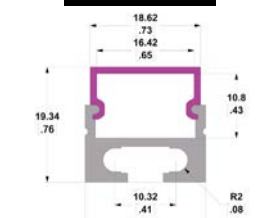
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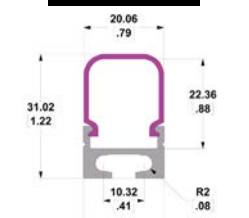
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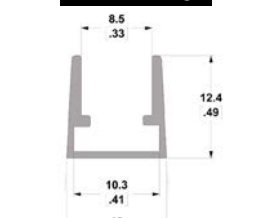
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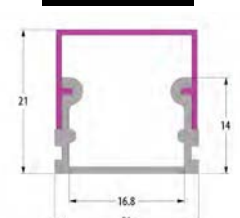
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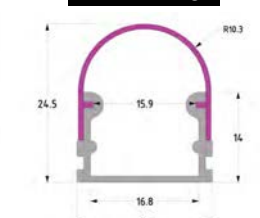
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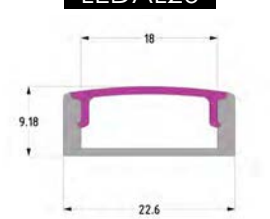
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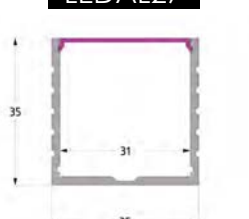
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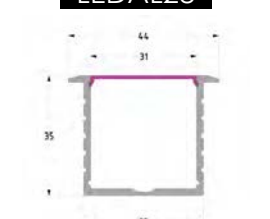
LEDAL30



LEDAL31



LEDAL32



LEDAL33

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Penn Elcom is the world's leading manufacturer of quality flight case, speaker cabinet hardware and 19 inch racking solutions. We have over 40 years of experience in designing product solutions for these specialist industries. We have distributions facilities all over the world.



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We manufacture flight case and speaker cabinet hardware as well as rack enclosures and accessories. We have manufacturing facilities in England, China, Mexico and Canada and are looking for distributors all over the world to help us expand our market.

Fabricamos accesorios para Flight-cases y altavoces tanto como gamas extendidas den 19 pulgadas como racks; servidores y caratulas. Tenemos fabricas en Inglaterra, en China, en Mexico y Canadá. Buscamos a distribuidores en todo el mundo para ayudarnos a extender nuestros mercados.

Nous fabriquons des accessoires pour flight-cases et haut-parleurs ainsi que des armoires rack 19 pouces et accessoires. Nous avons des usines en Angleterre, en Chine, au Mexique et au Canada et recherchons des distributeurs partout dans le monde pour nous aider à élargir nos marchés.

我们是一家专业生产航空箱配件, 音响配件及机柜配件的全球性企业。我们的工厂遍及英国, 中国, 墨西哥, 加拿大等地。同时我们也在诚挚地寻求世界各地有意向的经销商和我们一起拓展市场。

Wir sind Hersteller von Flightcase- und Lautsprecherboxen-Hardware sowie von Rackgehäusen und Zubehör. Wir haben Herstellungsbetriebe in England, China, Mexiko und Kanada und suchen weltweit weitere Distributoren, die uns helfen, den Markt weiter auszubauen.

نصنع صناديق للسفر وصناديق مكبرات الصوت وحملات رفوف 19 والأكسسوارات الخاصة بها. لدينا منشآت تصنيع في انكلترا، الصين، المكسيك و كندا ونبحث عن موزعين لجميع أنحاء العالم لمساعدتنا على توسيع أسواقنا

Мы производим оборудование для дорожных кейсов, корпусов колонок, а также рэки, кейсы и другие аксессуары. Наши производства расположены в Англии, Китае, Мексике и Канаде, и мы находимся в поиске дистрибьютеров по всему миру для расширения рынка сбыта.

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Penn Elcom's Comus LED aluminium profiles provide optimum cooling of LED modules for long life and high reliability.

With over 40 types of profiles, the Comus aluminium profile range can cover a wide variety of applications from cove lighting to wardrobe and shelf lighting.

All of our LED profiles can be shortened to your desired length upon request.

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