Quality alu LED profiles

Power Line Slim 30

LP-AL-PLS

LP-EC-PLS
(aluminum end caps)
RECESSED SLIM LINE 15mm

Introduction:
It is recessed type of the aluminum LED profile to build into material as MDF or other. The profile can be also recessed into floor (with IP54 LED ribbon inside only), wall or ceiling and the wide edges of the profile will cover the edges of insertion row completely. Extruded polycarbonate, high quality diffuser now is placing/removing from the front on click. It is UV resistant, and damage resistant (walk over safe, tested). Customer has a choice of three types of the diffusers what can be placed into that LED profile, frosted, 50% frosted and transparent.
The fully frosted diffuser do not shows led dots on the diffuser surface and the LED's are not visible. Frosted diffuser is giving nice smooth light line. Base of the profile is made from anodized aluminum in standard silver color. The product can be customizing like anodized in 9 different colors, and paint in any RAL color. Additionally on the outside surface we can place tin/screech resistant foil, which imitates the wood structure on the profile for perfect mach with kitchen cabinets. All most popular woods structure foils are available.
Profile is available on stock in 1m or 2m sections with finish accessories as end caps or mounting brackets. The aluminum profile will provide mechanical and thermal protection for the LEDs. The profile can be use with high power LED’s up to 1W each. Led profiles are IP20 can be use outside with IP67 led ribbons only.

Applications:
• Recessed under kitchen cabinets LED lighting
• Floor led lighting (with IP54 led’s)
• Recessed storage shelves LED lighting
• Gypsum ceiling, wall accent LED lighting
• Furniture production
• Exhibition boot LED lighting
• Interior LED accent lighting
RECESSED SLIM LINE 15mm

End caps LP-EC-RSL15

LP-AL-RSL15

LP-EC-RSL15
RECESSED SLIM LINE 7mm
RECESSED SLIM LINE 7mm

End caps - LP-EC-RSL7

LP-AL-RSL7

LP-EC-RSL

LP-AL-RSL7
SLIM LINE 15mm

Features:
- High quality diffuser, placing/removing from front on click
- Led dots free profile (frosted)
- Walk on safe diffuser, UV resistant polycarbonate diffuser
- Available with 50% frosted, frosted and transparent diffuser
- LED dots free on frosted diffuser (high density LED's ribbon)
- Made from anodizing aluminum
- Suitable for low/high power led bars
- Available lengths – 1m, 2m
- Heat sink and physical protection to the LEDs
- For indoor use only

Applications:
- Furniture production (kitchen / office)
- Interior light design (stairs / storage / floor)
- Stores shelf LED lighting
- Independent LED lamp
- Exhibition boot LED lighting

LP-AL-SL15
SLIM LINE 15mm

End caps LP-EC-SL15

LP-MC-SL15

LP-AL-SL15

LP-EC-SL15

LP-MC-SL15
ALU-45
(45 degree light angle)
ALU-45°
(45 degree light angle)

Features:
- High quality diffuser now placing from the front on click
- Polycarbonate UV resistant, damage resistant (walk over safe)
- Diffuser available in transparent, 50% opal and opal
- Base of the profile is made in anodized aluminum
- Profile available in RAL9010 and standard anode color
- Profile is available in lengths 1m/2m or 3.5m (large quantity order)
- ALU-CORNER is suitable for low power and high power leds
- Simplicity design with high quality finish

Applications:
- Under kitchen cabinets LED lighting
- Stores shelves LED lighting
- Furniture production, inside cabinets LED lighting
- Storage shelves LED lighting
- Exhibition boot LED lighting
- Interior LED lighting
ALU-45°
INSTALLATION OPTIONS

Face shelf installation

corner installation

store shelf

LP-AL-D2
End cap LP-EC-D1

Mounting bracket LP-MC-D1

End cap with cable hole
Profile is made from anodizing aluminum with 45° LED light emitting angle. It is perfect solution for under kitchen cabinets, store shelves LED lighting. The light emitted by the leds is directed by the profile in 45° degree angle and do not blind the person who is standing in front of it. The profile is available in anodized version of aluminum and RAL9010. Profile comes with polycarbonate UV resistant diffuser, which now is placed/removed into the profile from front on click. The customer has choice of use transparent, 50% frosted and frosted diffuser. Profile provides mechanical and thermal protection (heat sink) to the leds and is suitable for high power LED bars.
ALU-CORNER

Features:

- High quality diffuser now placed from the front on click
- Polycarbonate UV resistant, damage resistant (walk over safe)
- Diffuser available in transparent, 50% opal and opal
- Base of the profile is made in anodized aluminum
- Profile is available in RAL9010 and standard anodized color
- Profile is available in lengths 1m/2m or 3.5m (large quantity order)
- ALU-CORNER is suitable for low power and high power leds
- Simplicity in design with high quality finish

Applications:

- Under kitchen cabinets LED lighting
- Stores shelves LED lighting
- Furniture production, inside cabinets LED lighting
- Storage shelves LED lighting
- Exhibition boot LED lighting
- Interior LED lighting
ALU-CORNER ACCESSORIES

LP-MC-E1
Mounting bracket

LP-EC-E1
End cap with cable hole

LP-EC-E2

LP-MC-E1

Anodized
Ral 9010
Patented

LED profiles for led lighting
POWER LINE 35mm

Power Line 35mm

This profile is dedicated to be use as the LED lighting fixture for main lighting at the offices, libraries show rooms or above the kitchen table. It is made from anodized aluminum and is suitable for up to 32mm wide high power LED bars.

The profile can be suspended from the ceiling on the stainless still wires or can be screw it directly to the surface. Profile comes with polycarbonate UV resistant frosted or transparent diffuser placed and removed from the front on click.

We have designed two types of finished end cups for two different installation options. Profile is available in length of 1m or 2m.
Recessed Power Line 35mm

This profile is dedicated to build into the gypsum ceiling as the LED lighting fixture for main lighting at the offices, show rooms, restaurants and shops. It is made from anodized aluminum and is suitable for up to 32mm wide high power LED bars. Profile comes with polycarbonate UV resistant frosted or transparent diffuser placed and removed from the front on click. The light diffusion with the frosted diffuser is complete. RPL35 is giving soft light on the whole surface. Profile is dedicated for the high power LED lighting. It is available in length of 1m or 2m.
RECESSED POWER LINE 35mm

Features:
- High quality polycarbonate diffuser
- No LED dots show on the diffuser surface
- Right high, soft and smooth light diffusion
- Diffuser is placed/removed from the top with a click
- High quality anodized aluminum base
- Heavy duty “heat sink” for high power LEDs
- Compatible with our 30mm wide high power LED bars
- Matching finish end cups for this profile are available
- Gypsum ceiling installation
- Available in length of 2m/1m with clear or frosted diffuser

Application:
- Show rooms ceiling LED lighting
- Restaurants ceiling LED lighting
- Shopping malls LED lighting
RECESSED POWER LINE 35
INSTALLATION OPTIONS
Gypsum ceiling installation

OPTION 1. W/O FIRE RESTRICTIONS

OPTION 2. W/O FIRE RESTRICTIONS

for the led lighting
ALU-ROUND

Features:
- High quality round shape polycarbonate diffuser
- Diffuser is placed/removed from the top on click
- High quality anodized aluminum base
- Heavy duty “heat sink” for high power LEDs
- Compatible with up to 12mm wide high power LED bars
- Available finish end cups and mounting system with angle regulation
- Two different installation options (wall or suspended)
- Available in length of 2m/1m with clear or frosted diffuser

Application:
- Hotels headboard bed reading lamp with angle regulation
- Show rooms track LED lighting
- Reception desk main LED lighting
- Restaurants above table main LED lighting
- Shopping boutiques exposition LED lighting

ALU-ROUND LED Profile
This is small round shape LED profile with round diffuser. It has been designed for high power led lighting. Massive aluminum weight provides excellent mechanical and thermal protection to the LEDs. The profile is made from anodized aluminum and it comes with round UV resistant polycarbonate clear or frosted diffuser. The installation of the diffuser is from the front on click. Installation and removing is easy and simple. It comes in 1m or 2m sections and is suitable for high power led lighting.

The ALU-ROUND can be installed in the wardrobe or closet as the clothes rod led lighting, in the jewelry cases, refrigerated cabinets at the grocery store and other places.

ALUMINUM END CAPS
This is specially dedicated wall arm for the Alu-Round Led profile. The special material will draw behind the profile is allowing us to slide in the arm and hold firmly in place the LED fixture.

The power feeding cable was transferred to the profile thru the wall arm the best possible way.

The profile now can be installed at any place on the wall lighting up the wall or some objects standing next to. The design of the wall arm is matching with the design of the Alu-Round profile.
ALU-ROUND ACCESSORIES

Wall-Arm
Installation guide

Cross section look

LP-AL-RO

LP-MC-RO-WA

profiles
for the led lighting
The main purpose for this arm is lighting from down or from above the objects such as art work, gallery, jewelry etc.

The light emitted by leds is directed in 45 degree angle

The arm is matching perfectly with the Alu-Round led profile.

The feeding cable is hidden in the arm and can be covered by the sticky aluminum imitating tape
Art Lighting Arm

Feeding cable mill

AL-EC-RO-AA

Cross section look

[Dimensions]

69.8
39.5
256.8

profiles for the led lighting
ALU-ROUND ACCESSORIES

Fluent lighting angle regulation from 0-180 degree with the mounting clip LP-MC-R1

LP-AL-RO

LP-EC-R2

LP-EC-R1

LP-MC-R1

180 degree position
ALU-ROUND ACCESSORIES
Closet bracket for Alu-Round led profile

Wall to wall closet led rod (Alu-Round) installation

LP-MC-R2
Closet bracket

Closet brackets are made from special material which do not brake during the screwing or heavy load

LP-AL-RO

LP-MC-R2
ALU-ROUND ACCESSORIES
Intermediate support arm for Alu-Round led profile for closet mount

Stem mount of 1m led profile (Alu-Round) at the closet

Stem mount type of led profile (Alu-Round) at the closet with intermediate support arm

End mount type - 2m of led profile Alu-Round at the closet with closet brackets and intermediate support arm

End mount type 1m of led profile (Alu-Round) at the closet with closet brackets and intermediate support arm

Maximum capability of weight handling per one arm is 25kg
ALU-ROUND ACCESSORIES
Intermediate support arm for Alu-Round led profile for closet mount

Stem Mount

Maximum capability of weight handling per one arm is 25kg
ALU-ROUND ACCESSORIES

Intermediate support arm for Alu-Round led profile for closet mount

**Stem Mount**

Intermediate supports
Length : 100cm/39.4” - 3pcs
200cm/78.8” - 5pcs

Maximum capability of weight handling per one arm is 25kg
ALU-ROUND ACCESSORIES
Intermediate support arm for Alu-Round led profile for closet mount

End Mount

Maximum capability of weight handling per one arm is 25kg

LP-MC-R3
LP-MC-R2
LP-AL-RO

Patented

LP-MC-R3
Intermediate support arm

LP-MC-R2
End mount closet bracket
ALU-ROUND ACCESSORIES
Intermediate support arm for Alu-Round led profile for closet mount

End Mount

Intermediate supports
Length: 100cm/39.4” - 1pcs
200cm/78.8” - 2pcs

Maximum capability of weight handling per one arm is 25kg
ALU-FLAT LED Profile

Aluminum LED profile only 7.6mm. The aluminum profile walls thickness and the damage resistant diffuser allow you to walk over this profile. It has been positively tested and is “walk over” safe. The profile is available in anodized version of aluminum and RAL9010. Profile comes with polycarbonate UV resistant, damage resistant diffuser, which now is placed, into the profile from front for click. The customer has choice of use transparent, 50% frosted and frosted diffuser. Profile provides mechanical and thermal protection (heat sink) to the LEDs and is suitable for high power LED lighting. The profile has many different applications it can works as under store shelves independent LED lamp or can be installed on the floor to cover the connection and provide additional protection for the computer cables.

Features:
- High quality diffuser now placed from the front on click
- Polycarbonate UV resistant, damage resistant (walk over safe)
- Diffuser available in transparent, 50% opal and opal
- Base of the profile is made in anodized aluminum
- Profile is available in RAL9010 and standard anodized color
- Profile is available in lengths 1m/2m or 3.5m (large quantity order)
- ALU-FLAT is suitable for low power and high power LEDs
- Simplicity in design with high quality finish
- Profile and diffuser is “walk over safe”
- Protection grade IP20

Applications:
- Under kitchen cabinets LED lighting
- Stores shelves LED lighting
- Floor LED lighting
- Storage shelves LED lighting
- Exhibition boot LED lighting
- Interior LED lighting
**ALU-FLAT ACCESSORIES**

Anodized  RAL9010

Applications:
- Under kitchen cabinets LED lighting
- Store shelves LED lighting
- Floor LED lighting
- Storage shelves LED lighting
- Exhibition boot LED lighting
- Interior LED lighting

LP-AL-FL-

FL-EC-FL2
End cap with holding ear

profiles for the led lighting
ALU-STAIR
stair installed led profile  
Anodized silver  
Patented Design

LP-AL-ST dots free led profile (frosted)  
12,2mm wide led chamber

LP-EC-SR end cap (right)

hard aluminum alloy, ware out resistant

free space for silicone insulation of the led chamber (option)

free space for silicone insulation of the led chamber (option)
STEP 1

STEP 2

STEP 3

Countersunk head screw M3x16 - self thread

example of placement ~ 450 mm

profiles for the led lighting
ALU-WALL
wall installed led profile
2m units only

Anodized silver & dark brown
Patented Design

LP-AL-WL

profiles for the led lighting
ALU-WALL LED PROFILE IS DEDICATED FOR THE FLOOR LED LIGHTING AND CEILING LED LIGHTING.
ALU-WALL
2m units only
Anodized silver & dark brown
Patented Design

INSTALATION OPTION
No. 1

profiles for the led lighting
ALU-WALL
2m units only
Anodized silver & dark brown
Patented Design

INSTALATION OPTION
No. 2

30cm - 80cm

Ceiling

Floor

profiles for the led lighting
ALU-WALL
2m units only
Anodized silver & dark brown
Patented Design

INSTALATION OPTION
No. 3

Profiles for the led lighting
ALU-WALL-US  
Patented Design  
Anodized silver

for wooden walls structure installation
2m units only

Product is dedicated for build-in into the wood structure walls and direct the LED light on the floor. The thickness of the profile is the same as the thickness of the standard wood plywood sheets used for wall construction at US or Canada.

LP-AL-WLA

LP-EC-WLA-L
end cap left

LP-EC-WLA-R
end cap right

LP-EC-WLA-L
end cap left

End cap feeding cable hole is adapted for 1/8" pipe connector

all measurements shows here are in mm
product design is owned and patented by LEDISON
ALU-WALL-US  
2m units only

Anodized silver
Patented Design

INSTALATION OPTION

ALU-WALL - 2 (USA)

Profiles for the led lighting
SLIM LINE WIDE 8mm
Anodized / Patented Design

profiles for the led lighting
SLIM LINE WIDE 8mm

Anodized / Patented Design

LP-MC-SLW  LP-AL-SLW  LP-EC-SLW

LP-AL-SLW

for the led lighting
RECESS SLIM LINE WIDE 8mm

Anodized / Patented Design

LP-AL-RSLW

LP-EC-RSLW
Product features:

- Suitable for the double row LED stripes up to 18mm
- 18mm wide LED channel
- LEDs dots free led profile (frosted)
- Heavy heat sink for the LEDs
- Suitable for IP67 LED ribbons and any other led stripes
SLIM LINE WIDE 15mm

Anodized Patented Design

Mounting Brackets
LP-MC-SLW15

End Cap
LP-EC-SLW15

Slim Line Wide 15mm with all accessories

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Alu-Ceiling

Anodized Patented Design

Fixing Alu-Ceiling

Screw M3x15

Ceiling

Floor
**Product features:**

- LEDs dots free led profile
- Suitable for normal, IP67 or the double row LED stripes
- 18mm wide LED channel
- Heavy heat sink for the LEDs
- For indor/outdoor (with IP67 leds) use
- PC, UVA rezitant diffuser (clear/frosted)

**Applications:**

- Wall wash led lighting
- Floor LED lighting
Power Line Slim 30mm (PLS 30)

This profile is dedicated to work as the LED lighting fixture for main lighting at the offices, restaurants, hotels, bars etc. It is made from anodized aluminum and is suitable for up to 25mm wide high power LED bars. Profile comes with polycarbonate UV resistant frosted or transparent diffuser placed and removed from the front on click. The light diffusion with the frosted diffuser is complete. PLS30 is giving soft light on the whole surface. Profile containing special chamber for led power supplier (option) or cables, is dedicated for the high power LED lighting up to 30W/m. It is available in length of 1m or 2m.
RECESSED POWER LINE
SLIM 30mm

Application:
- Show rooms ceiling LED lighting
- Restaurants ceiling LED lighting
- Shopping malls LED lighting
- Hotels hallways ceiling LED lighting
- Apartments ceiling LED lighting

Features:
- High quality polycarbonate diffuser, UV resistant
- LED dots free design
- Right high, soft and smooth light diffusion
- Diffuser is placed/removed from the top on click
- High quality anodized aluminum base
- Heavy duty “heat sink” for high power LEDs
- Matching aluminum finish end caps
- Available in length of 2m/1m with clear or frosted diffuser
RECESSED
POWER LINE SLIM 30mm

INSTALATION OPTIONS:

WITH FIRE RESTRICTIONS

WITH NO FIRE RESTRICTIONS

WITH NO FIRE RESTRICTIONS
ALU-SWISS 15mm
for 6mm LED stripes

LP-MC-SS
(installation base)

LP-AL-SS

profiles for the led lighting