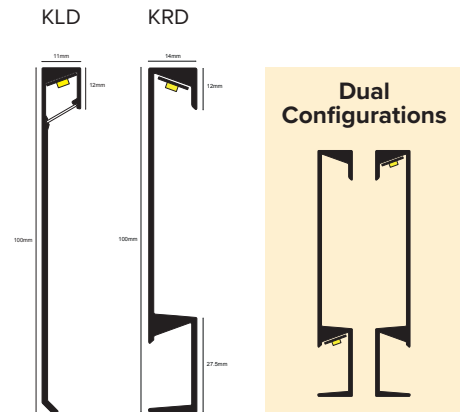


KLD & KRD



Product Description

A retrofit aluminium skirting profile incorporating Vision LED, CCT and RGB lighting systems. Designed to create a border of low-level light which encapsulates the room.

KRD has dual configurations so you can easily achieve your desired look.

Technical Details

Profiles are available in different anodised finishes and powder coated finishes - All natural Aluminium (Mill Finish) has an oxide film of approx. 0.2 microns, when mechanically and chemically polished the anodising process increases this to 5 microns, up-to 20 for the matt finish and 100 for powder coated.

Aluminium AA 6063 T6 / UNS A96063 anodised to DIN 17611	
Si%	0.2-0.6
Fe%	0.35
Cu%	0.1
Mn%	0.1
Mg%	0.45-0.9
Zn%	0.1
Cr%	<0.01
Al	Balance

Maintenance

Profiles do not require any special maintenance. Oxidation films on Aluminium may be removed with a common polishing agent; however, they do reoccur. Damaged anodised finishes may only be repaired by re-coating.

Aluminium must be tested to verify its suitability if chemical stresses are anticipated. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and time of exposure) may result in corrosion (aluminium hydroxide formation). Therefore, it is important to remove adhesive or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.

The anodised layer creates a finish that retains a uniform appearance during normal use. The surface, however, is susceptible to scratching and wear and may be damaged by tile adhesive, mortar, or grouting material. Therefore, setting materials must be removed immediately. Otherwise, the description regarding aluminium applies.

External Use

We recommend powdercoated finishes are installed externally.

Dimensions

Available in 100mm height and a standard length of 2.8m.

Allied Products:

End caps to complete the professional aesthetic.



Planning out the installation

We do not advise on locations of power points, this is a conversation to have with an electrician, we would suggest that power points should be planned in with any majors works or look at where the power can come from and that you should consider the exit point of the lights (further comments below).

With 12v product, we recommend that a maximum of 10m of LEDs is ran off a driver due to voltage drop which will result in a dimmer LED.

Please consider the placement of receivers and drivers during the installation and that they should be permanently accessible.

Installation of the LEDs into the profile

1. Ensure the surface is clean and dust free by using a 3M surface prep wipe. Allow 2 minutes for the surface to dry.
2. If you need to reduce the length of the strip, partially peel back the red tape on the reverse of the strip.
3. Cut the strip at the indicated cut points using a pair of sharp scissors.
4. Peel back the remaining red tape and install the LED strip as desired.
5. Plug the power lead into the connector block on the LED driver.

We recommend that the tape is cut a cut shorter inside the profile, so that the shrink wrap has room to sit inside the profile.

Skirting Installation

Ensure that the surface where the profile is being applied is smooth, dry and free from any contaminants such as loose paint, dust and grease.

1. Measure and cut the metal skirting to the required length using a proprietary blade for the material and cutting tool used.
2. Apply suitable cartridge adhesive to the back of the profile.
3. Offer the profile to the wall and apply even pressure along the entire length to ensure full contact of the substrate.
4. To provide neat finishes to cut ends, end caps are recommended.

