



Lumorail lights the way

One of the only down sides to living atop beautiful Mount Dandenong in Victoria, is the incredibly steep driveways.

Alongside a driveway nearly impossible to scale, the owners of this beautiful mansion built a set of stairs by utilising the existing large rocks and adding local stone. With no overhead lighting and a staircase over shadowed by beautiful natural fauna, the best option for lighting was to incorporate it into the handrail.

Given the continuous twisting and changing, the challenge was not only to bring lighting to the darkened area, but to follow the natural flow of the staircase. Lumorail was able to offer a solution using a rail with compound radiuses, helices and twists. And, using our Logan range of LED light pucks, we were able to add sufficient lighting and create a safe passage.



The Work

The hardest part of this job was calculating all the compound radiuses. Once the posts were core drilled into the natural stone we were able to calculate the rails and manufacture on site.

Getting power to the rail was done by feeding the wiring through the garden bed, under the slab, up through the bottom posts and into the rail.

Positioning our Logan light pucks every meter or so, gave more than enough lighting to make a well-lit environment. Using our IDA approved 3000k lighting also assured a minimum impact on the environment, protecting wildlife and fauna.



Project details:

Client	Grand Design Homes
Architect	Calm living
Completed	July 2014
Location	Upper Ferntree Gully
Product	Lumorail Logan

Lighting Spec

Kelvins	3000K
Lumens	110per unit

Configuration and dimensions:

Configuration	Custom rolled tube
Rail dimensions	50mm (2") round tube
Mounting	Pin fixed to top of post

Key features of this project:

Rolled rail
Posts core drilled into natural stone
Warm white lighting (3000k)

