

Integrated disability lighting

www.lec-expert.com

[Read this article on the website \(URL\)](#)



Compliance with disability lighting regulations for handrails, walls and low-voltage services.

Guide to LEC products and applications:

Integrated in handrail

When lighting a walkway, bridge or stairs, the unit should ideally be integrated into the architecture. This means an LED striplight in the handrail. This can be installed in two ways to meet disability lighting requirements.

Continuous strip

LEC striplights can be embedded in a handrail. They can also be used to underlight architectural features. As, for example, the [5620 - Brunei](#) light bar.

Customized presence lighting

Presence lighting uses [5630 - Belval](#) light bars. It lights up pedestrian walkways in areas governed by disability regulations.

The beam for disability lighting must be between 25 and 80 mm in diameter.

LEC has designed a special stainless steel unit - 5682-School light - to house glare-free [5640-School](#) projectors.



Integrated into walls

This is ideal for spotlights lining a low wall, sidewalk, curb or pavement. The key is finding the right lens to meet disability regulation requirements.



In a wall, the lights can protrude ([4240 - Havre](#)) or lie flush. Architects prefer the flush option as it does not create obstacles. It is also more vandalproof.

Embedded wall spotlight

Although the most effective location is about 90 cm above ground, there are also many cases in which 20 cm above ground also works. What is key is to use lights with beams can be swivelled to achieve the best lighting for the actual site.

Published on 18 April 2016

Categories:

Solutions by LEC - Norms & Quality

Tags:

application - handrail - LEC - light bar - lighting - low-leveled bollard - pathway - pedestrian - PMR - wall

PDF generated on 14 July 2025

www.lec-lyon.com

Integrated disability lighting



The [4330 - Saint-Jean](#) flush spotlight is designed for a wall 25 to 100 cm above ground. It has special lenses that can light a pedestrian walkway or cycle path with large intervals. The beam can be swivelled without opening the unit or disturbing its seal to get the desired lighting effect. An ideal solution for high-requirement, uniform lighting despite widely-spaced light sources. It is also permits close cost-management.

Integrated terminals

Our connected terminals allow you to create an integrated environment that includes parks and paths.

Our [6430 - Parc](#) terminals, at 5m intervals, meet the 3m disability requirements. They have swivellable spotlights with the same special lens as the flush 4330. The swivel feature lets you cover large spans between units.

