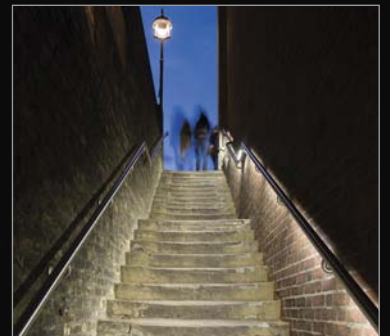


Garda

LED | Illuminated Handrail

Garda is an innovative new LED Handrail in grade 316 stainless steel, providing a high-performance task lighting solution: for light where needed.

Designed to provide a choice of genuine asymmetric or symmetric lighting distributions, Garda offers specifiers an extremely stylish, virtually maintenance free solution, with market-leading photometric performance and uniformity.



Essex Street, City of London



Lea Bridge Towpath, Hackney



Peckham Square, Southwark

Garda LED Handrail

IP66 - IK10 – Class III

Features:

- Bespoke LED handrail and balustrade system
- Market-leading photometric performance, with unparalleled uniformity
- Choice of genuine asymmetric or symmetric distribution
- Available in straight or flexible modules for straight, curved or arched rails
- Dimmable
- Stainless steel grade 316
- Part K compliant to 1.5 kN at 1.5m stanchion centres
- In excess of 60,000 hours service life (to 70% output)
- Virtually maintenance free

Options

Sizes:

Linear and flexible modular lengths available;

300mm

600mm

900mm

1200mm

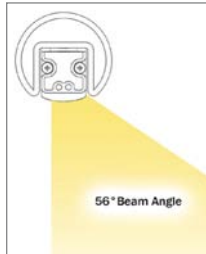
Optical Control:

Asymmetric distribution – prismatic lens/reflector

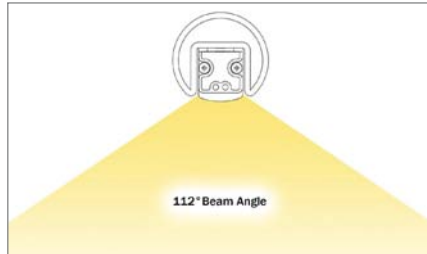
Symmetric distribution – prismatic lens

Lighting Distribution

Asymmetric



Symmetric



Light Source:

300mm	White LED 3.6W (3 LED)
600mm	White LED 7.2W (6 LED)
900mm	White LED 10.8W (9 LED)
1200mm	White LED 14.4W (12 LED)

4,000K (neutral white) & 3,000K (warm white)

CRI 75 / 85

Balusters:

Circular stanchions as standard

Square and other shapes on request

DW Windsor Lighting

Pindar Road, Hoddesdon, Hertfordshire, EN11 ODX

Telephone: 01992 474600 Fax: 01992 474601

E-mail: garda@dw-windsor.co.uk

Follow us: @DWWindsor

www.dw-windsor.com / www.dwwindsor.com



Other:

Supply options 24V to 48V AC or DC, Class III SELV, 350mA

Range of power supplies available

Emergency option available (3 hour duration)

Anti-tamper screws fitted as standard

A wide selection of infill options and materials are available

'Warm to touch' coating available

Materials

LED module

Body:

Anodised extruded aluminium

End Caps:

Injection moulded polycarbonate

Glazing:

Extruded polycarbonate

Railing system:

Rail & Stanchions: Stainless Steel (grade 316)

Garda can be specified according to any of the below standards;

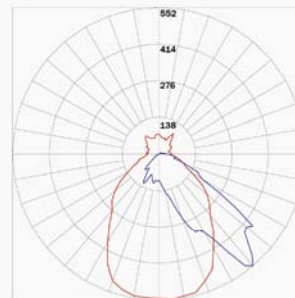
Part K: Building Regulations

BS5395: Code of practise for the design of stairs with straight flights and winders

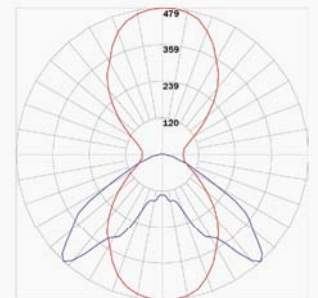
DDA: Disability Discrimination Act

Photometric Performance

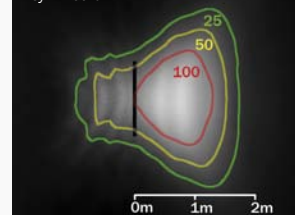
Asymmetric



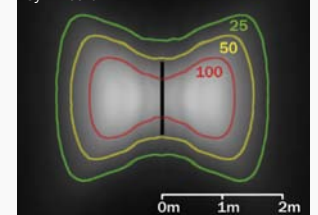
Symmetric



Asymmetric



Symmetric



Dimensions

