

Narrow Cycle Lane Defenders

Surface-mounted cycle lane protection

Narrow Cycle Lane Defenders (NCLD) provide robust, surface-mounted physical separation between vehicles and cyclists. Designed in line with Cycling England and Sustrans guidance supporting 2.0 m-wide cycle lanes, the solid recycled rubber units anchor to the existing carriageway with resin-set M12 fixings — a typical run installs in hours with no excavation or road closure. NCLD Lite offers the same width and height in a 1 m, 24 kg unit for single-installer handling and tighter geometry.

KEY BENEFITS

- Surface-mounted — no excavation, utility diversions or curing time
- Typical run installed in hours on a live road
- Solid rubber absorbs vehicle impact without fracturing
- Units connect end-to-end and follow gentle curves
- Individually replaceable if dislodged
- Removable for resurfacing or layout changes

APPLICATIONS

Existing streets, school routes, active-travel schemes and trial layouts needing robust cycle lane separation.

COMMON SPECIFICATION

MATERIAL

100% recycled tyre crumb rubber (solid, UV stable)

HEIGHT

130 mm

WIDTH

235 mm

COLOURS

Black or grey

FIXING

M12 lag screws into resin-set anchors — no adhesive

DESIGN GUIDANCE

Cycling England / Sustrans — 2.0 m cycle lanes

TOLERANCE

±1.5%

Defender units

Mix full-size and Lite units on the same route — same width and height

CODE	PLAN SIZE	HEIGHT	WEIGHT	PIECES	INSTALLATION
NCLD	2000 × 235 mm	130 mm	53–60 kg by unit type	1	Typical run in hours
NCLD Lite	1000 × 235 mm	130 mm	24 kg	1	Single-installer handling

OPTIONS & ACCESSORIES

- Two-slope, single-slope and no-slope extension unit types (full-size NCLD)
- Retroreflective glass cats eyes (included)
- M24 boss for sign or bollard mounting (included)
- Keep-left signs and reflective bollards (compatible)



NCLD/2 · slope both ends



NCLD/1 · single slope



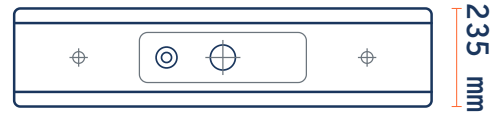
NCLD/0 · extension (no slope)



2000 mm

NCLD

2000 × 235 mm



1000 mm

NCLD Lite

1000 × 235 mm