VLF-R40 RIGID LIGHT FIXTURE

Shape light.
Keep control.

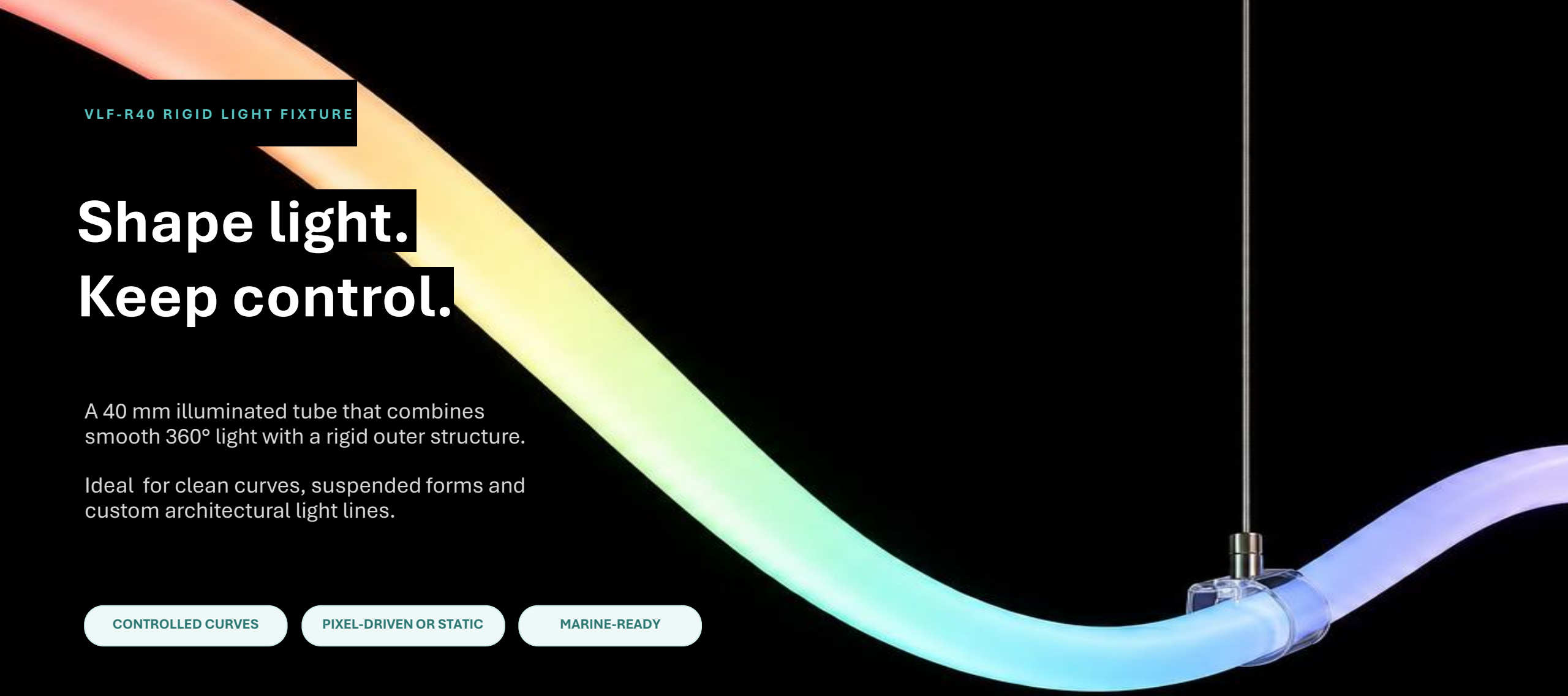
A 40 mm illuminated tube that combines smooth 360° light with a rigid outer structure.

Ideal for clean curves, suspended forms and custom architectural light lines.

CONTROLLED CURVES

PIXEL-DRIVEN OR STATIC

MARINE-READY



Why VLF-R40?

The freedom of neon with the control of a rigid fixture.

Traditional flexible neon

Creative and easy to bend, but once suspended or mounted, curves can sag, shift or need many fixing points.

The result can be harder to predict on site.

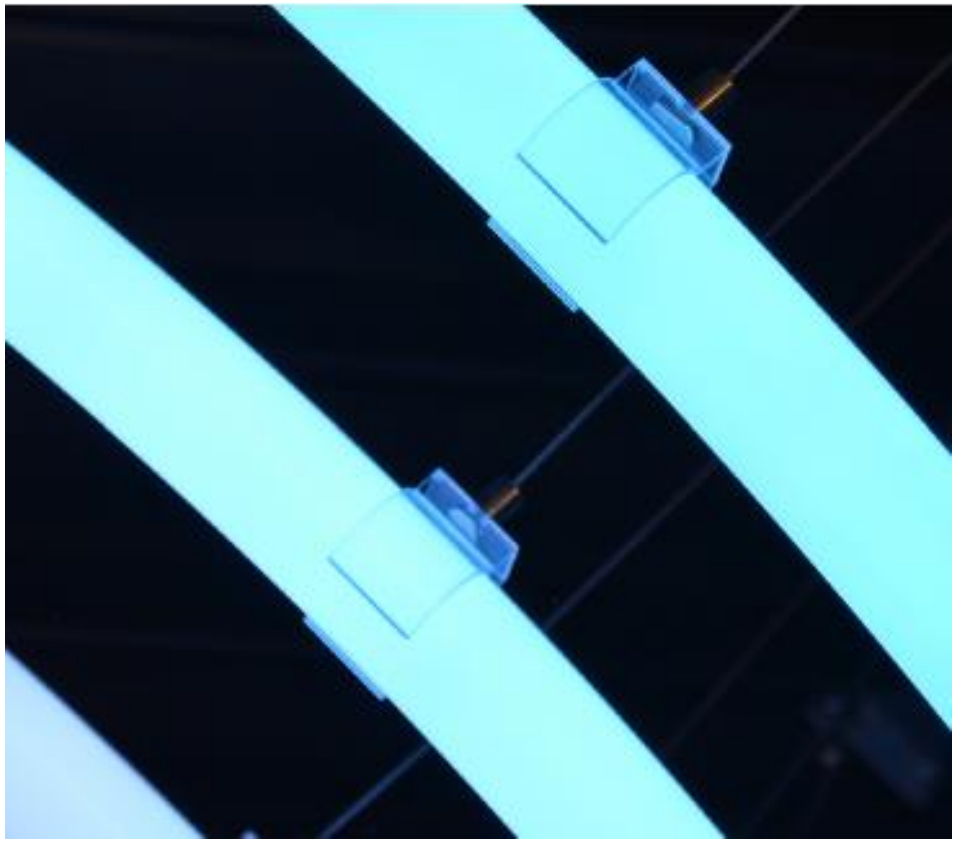
VLF-R40

- Rigid outer tube holds the designed shape
- Mould-formed bends for predictable geometry
- Fewer mounting points, especially when suspended
- Custom shape + mounting + light engine in one solution

More design freedom. Less on-site compromise.

Where can you use it?

A fixture for projects where the light line itself becomes part of the design.



Suspended features

Rings, arcs and sculptural light objects with clean, stable geometry.

Architectural contours

Define ceilings, walls, façades and spatial transitions with continuous light.

Retail & hospitality

Create recognisable signature forms above counters, displays and guest areas.

Events & scenography

Build lightweight, repeatable light structures that install cleanly.

Cruise & marine

Use corrosion-resistant options for demanding coastal and onboard environments.

Custom statement pieces

Turn a sketch or radius into a project-specific illuminated fixture.



Controlled curves

Designed shape. Repeatable result.

Mould-formed bends

Production moulds control the curve and reduce deformation that can occur when bending 40 mm tubes.

Predictable geometry

Radius, bend angle and end configuration are defined before production for consistent results.

Fewer mounting points

The rigid fixture holds the curve itself, reducing the need to “force” the shape during installation.

Better suspended forms

Especially valuable for floating arcs, circles and light sculptures where every fixing point is visible.

One fixture. Different light behaviours.

Choose the light engine around the experience you want to create.

Single colour

1800K–6500K

Clean, efficient architectural light for static applications.

RGBW

2700K–6000K

Colour plus high-quality white for flexible mood and atmosphere.

SPI-RGBW

Pixel controlled

Dynamic gradients, motion and content-driven effects.

DMX-RGBW

Pixel controlled

Precise integration into professional lighting and show-control systems.



From subtle white light to fully pixel-driven motion.

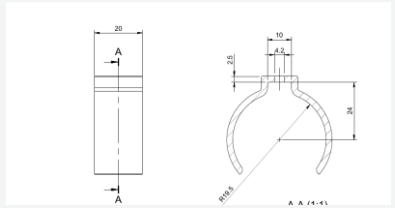
Pixel options: 142.86 px/m. For latest photometric values and power data, refer to the current VLF-R40 datasheet.

Easy to integrate

Fixed, clipped or suspended with a practical 40 mm tube diameter.



40 mm



- Fixed mounting for architectural integration
- Clip systems for clean, serviceable installation
- Suspended mounting for rings, arcs and floating shapes
- Custom project-specific mounting can be developed



Built for demanding environments

Marine-ready options for coastal, cruise and outdoor projects.

IP68 option

A sealed version is available for wet and outdoor installations.

SUS316 end caps

Marine-grade stainless steel for corrosion resistance in demanding environments.

Material choices

Standard milk-white PC, with PMMA and alternative clear, opal or diffused finishes possible.

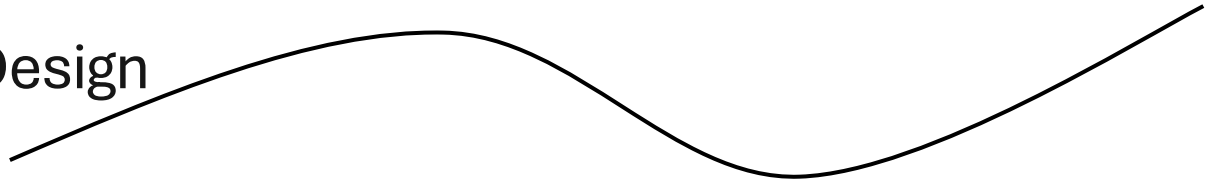
Project engineering

Mounting, cable exit and termination details can be adapted to the installation environment.

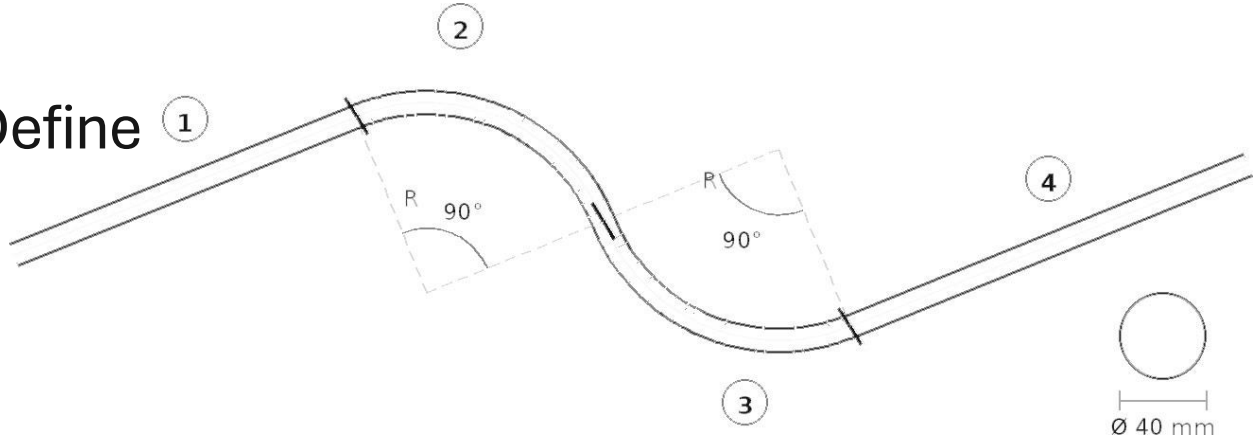
A strong fit for cruise interiors, coastal architecture, hospitality and exterior feature lighting.

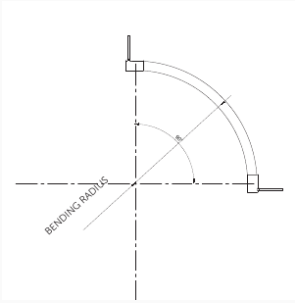
Start standard. Go custom.

Design

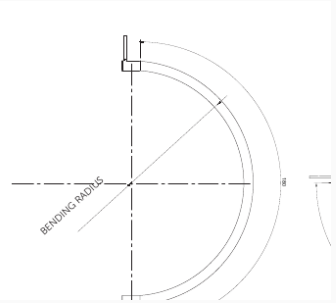


Define





90°



180°

Standard bend radius

500 · 900 · 1400 · 1900 mm

Define the radius, bend angle, total length, end-cap position, cable exit and light engine. We translate the design into a manufacturable fixture.

Develop



From idea to fixture

A simple project path keeps custom work clear for designer, installer and client.

1

Define the shape

Sketch, radius, bend angle and dimensions.

2

Choose the light

Static white, RGBW or pixel control.

3

Plan integration

Mounting, suspension, end caps and cable exits.

4

Engineer & produce

Geometry is translated into moulds and production details.

5

Install

A controlled fixture arrives ready for the planned mounting concept.

Practical note

Individual tubes are typically limited to 3 m for air shipment. Production up to 6 m is possible when project logistics allow; longer installations are planned as coordinated sections.

VLF-R40

Bring us the shape. We'll engineer the light.

Custom curves · rigid 40 mm fixture · static or pixel-controlled light · marine-ready options

Talk to Vivalyte about your next project

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