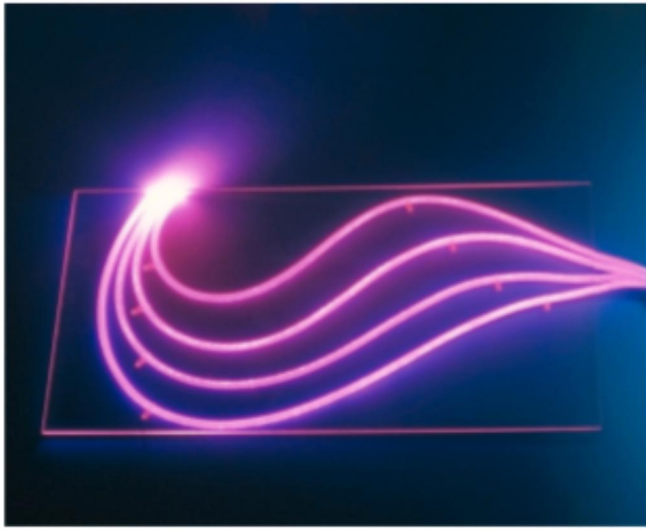


Fibre optic cabel

PMMA - fibre, side radiating



RobLight side radiating fibre is very useful for lighting stairs for example in theatres and cinemas, to indicate the edges of a dancefloor, to show an escape route, or for lighting pool bar edges.

RobLight side radiating fibre is often used for spectacular art pieces. In big department stores side radiating fibre can be used as an eye catcher, and at Christmas it is very popular for decorating Christmas trees, combined with colourshifting light generator.

Technical data

RobLight side radiating fibre is developed for decorative purposes as well as for light guidance.

The RobLight side radiating fibre is made of PMMA (Polymethyl methacrylate) and can be used with advantage outdoor. The RobLight side radiating fibre is very easy to install and can be cut by a normal pair of scissors.

Sheathing material: The raw fibres are protected by clear PVC resistant to UV and alga.

Fiber dimensions: The RobLight side radiating fiber is available in 4.5, 8, 11 and 14 mm diameter.

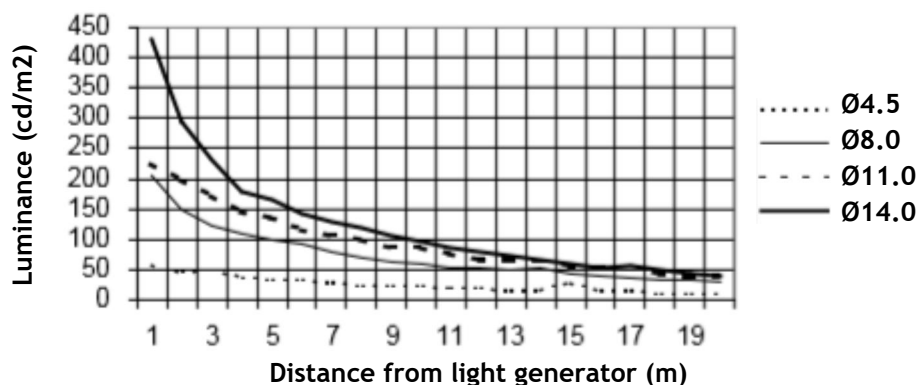
Raw fibers: RobLight side radiating fiber consists of a number of raw fibers, each with a diameter of 0,75 mm



Side radiating fibre dimensions

Item nr.	Fibre type	Outer Ø mm	Max. In Ø9 poly-connector	Max. In Ø28 poly-connector	Raw fibres	Minimum recommended bending radius
5200 0600	Side radiating PMMA	4.5	8	80	12	60 mm
5200 0601	Side radiating PMMA	8.0	2	19	49	90 mm
5200 0602	Side radiating PMMA	11.0	1	11	84	120 mm
5200 0603	Side radiating PMMA	14.0	1	6	144	150 mm

Luminance



Tested with a 150W light generator. Fibre length: 25 metre, open end. Tested in a Ø0.5 metre Ulbrecht sphere.