

### Specification

Sideglow cable is a safe alternative to neon.

It can change colours, is virtually unbreakable and energy efficient. Suitable for interior and exterior application and fungicide treated exterior jacket for maximum durability against the elements.

Our PMMA Fibre is manufactured from Mitsubishi / ESKA raw fibre.

Sideglow cable is strong enough for amusement park rides, extreme cold weather and underwater applications.

With no heat or electricity in the cable, typical lighting design restrictions are eliminated, creating a multitude of design possibilities.

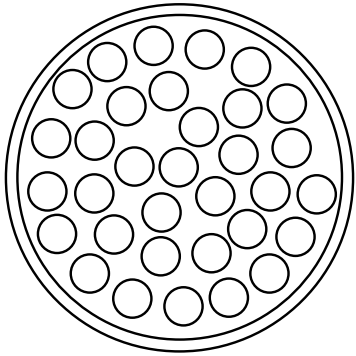
The fibres are twisted around a highly reflective PVC internal core that offers flexible stability with maximum light output.



### Cable Construction

Multicore twisted PMMA acrylic optical fibres in an array of sizes to create side illumination.

The cable diameter is determined by the fibre quantity:		
No. of Fibres	Diameter (inches)	Diameter (mm)
32 fibres	.312"	7.9mm
42 fibres	.375"	9.5mm
84 fibres	.5"	12.7mm
126 fibres	.635"	15.9mm



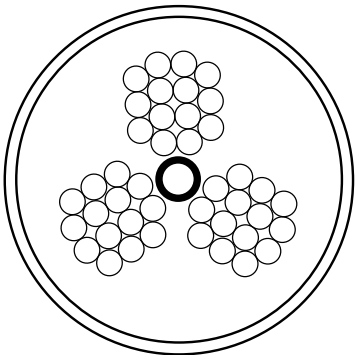
Model No.

FP32SG

SideGlow™ is an untwisted cable, .312" (7.9mm) in diameter.

There are 32 multistrand .030" (0.75mm) fibres in a clear PVC jacket.

Maximum (smallest) Bend Radius = 1"



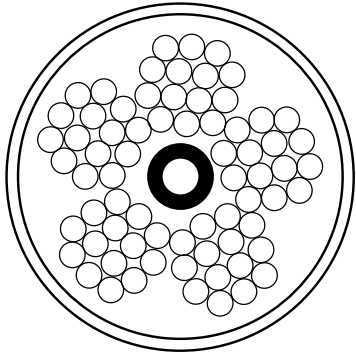
Model No.

FP42SG

SideGlow™ is a twisted cable, .375" (9.5mm) in diameter.

There are 42 multistrand .030" (0.75mm) fibres in a clear PVC jacket.

Maximum (smallest) Bend Radius = 1"



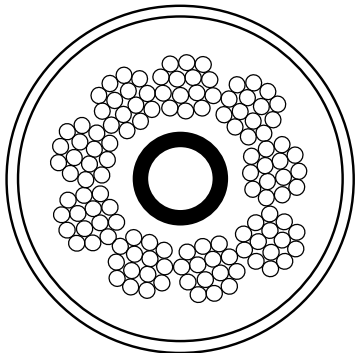
Model No.

FP84SG

SideGlow™ is an twisted cable, .5" (12.7mm) in diameter

There are 84 multistrand .030" (0.75mm) fibres in a clear PVC jacket.

Maximum (smallest) Bend Radius = 1.5"



Model No.

FP126SG

SideGlow™ is an twisted cable, .625" (15.9mm) in diameter

There are 126 multistrand .030" (0.75mm) fibres in a clear PVC jacket.

Maximum (smallest) Bend Radius = 1.5"