

pixelights 

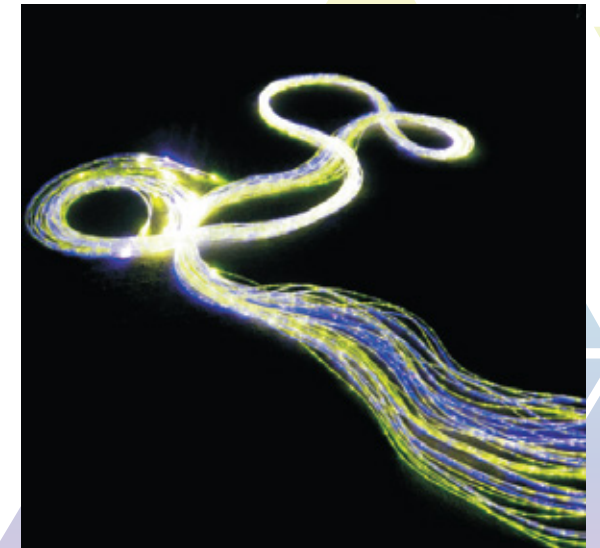
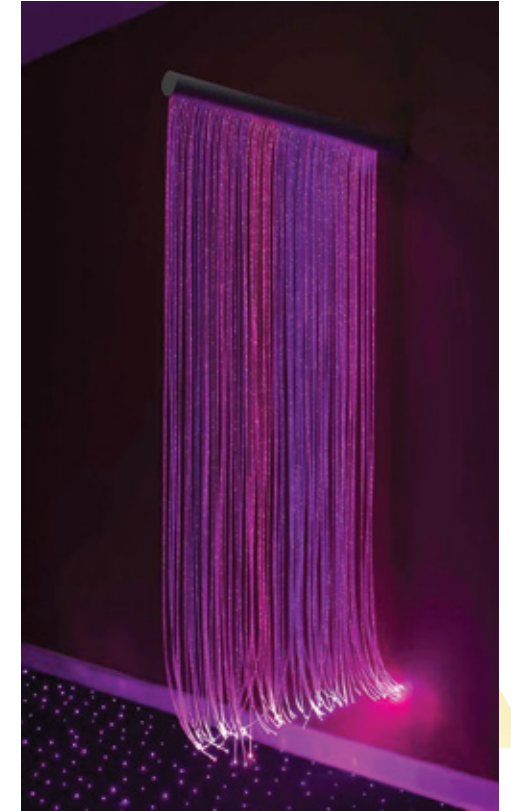


**FIBER OPTIC  
LIGHTING**

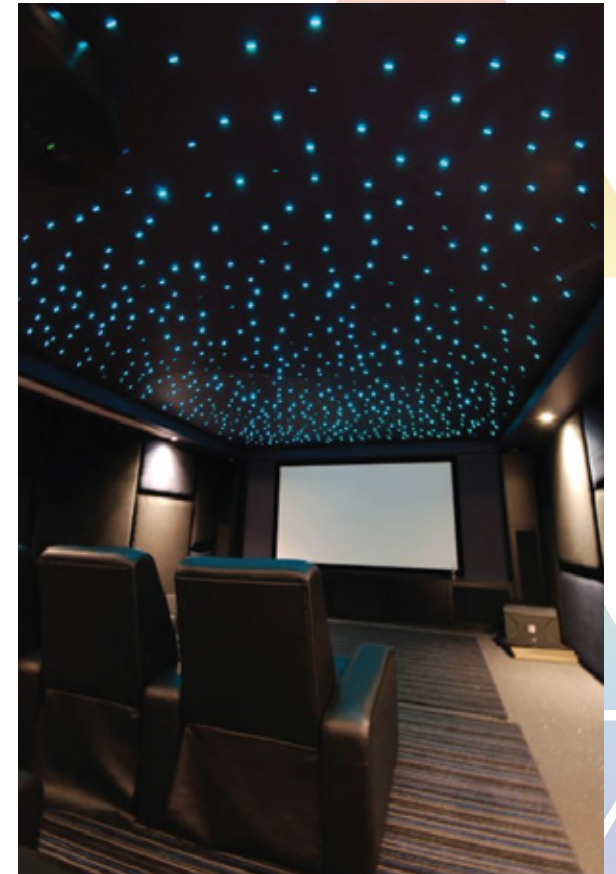
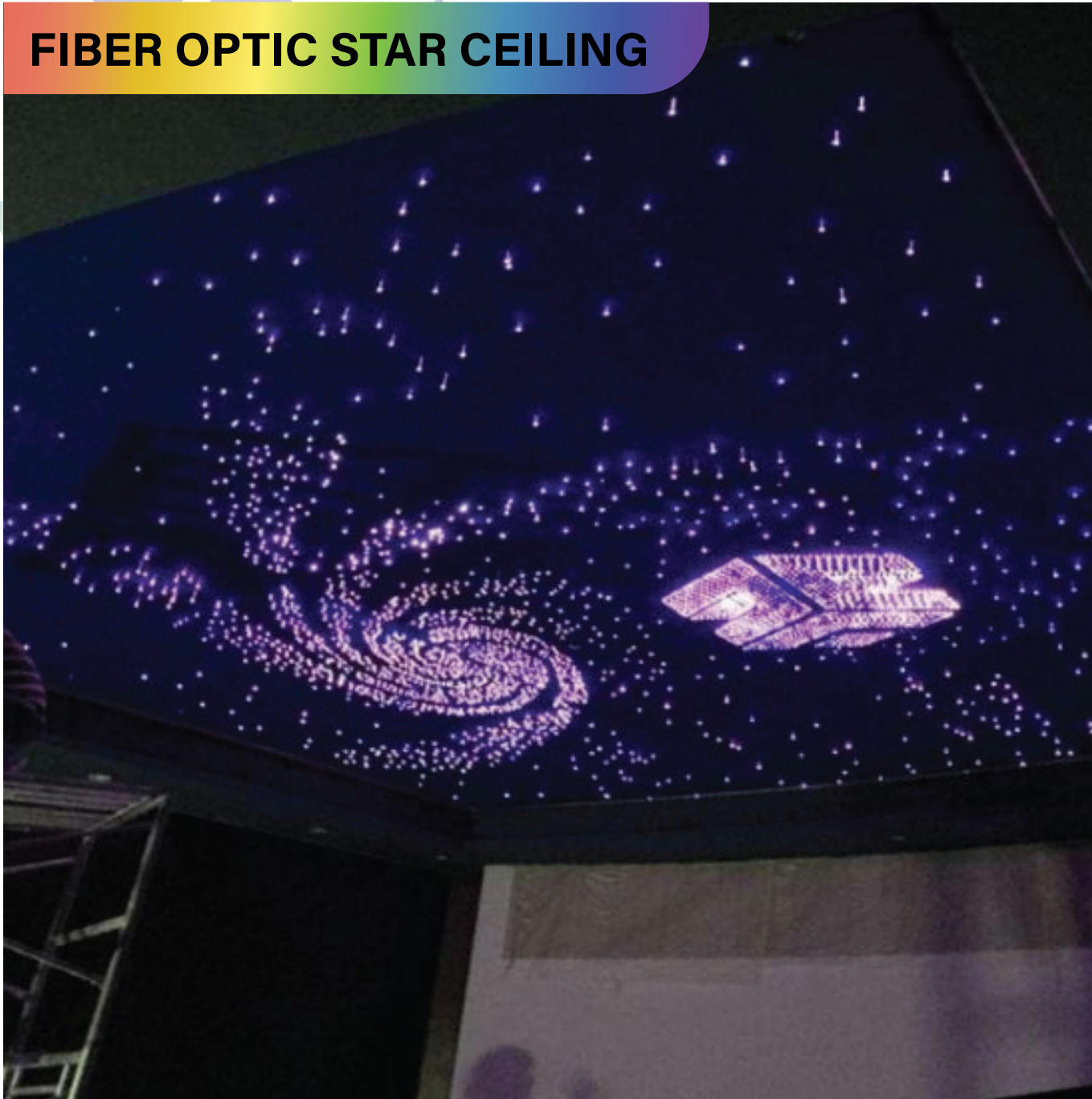
FIBER OPTIC POOL LIGHTING



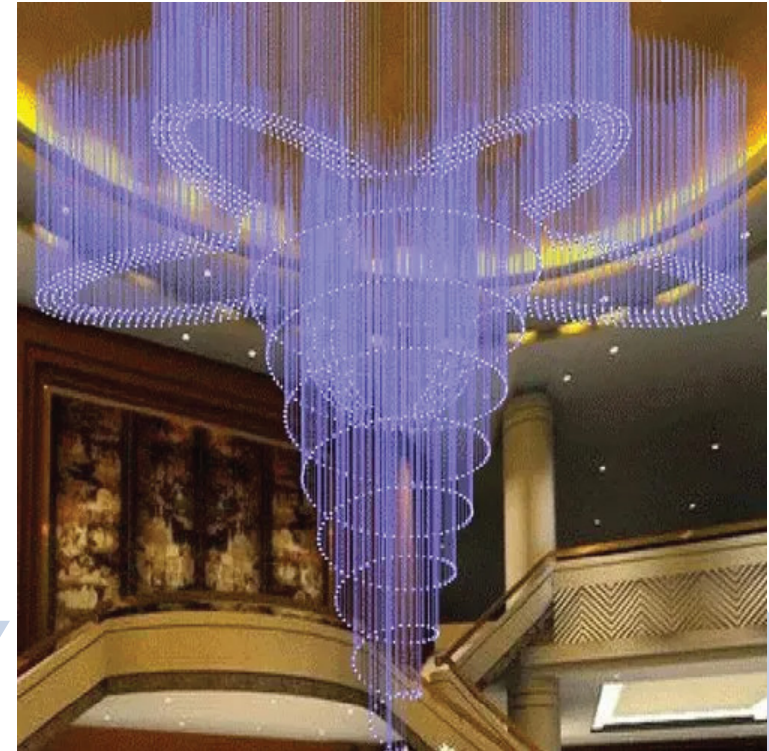
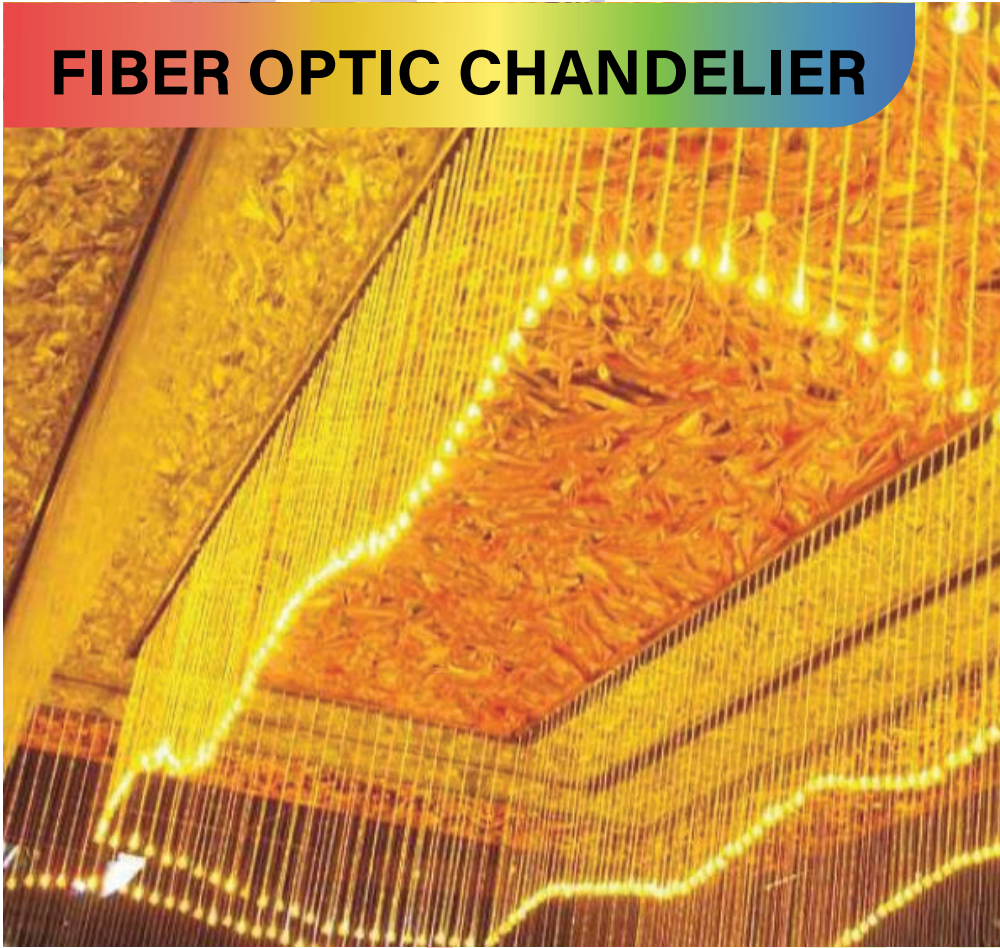
FIBER OPTIC CURTAIN LIGHT



FIBER OPTIC STAR CEILING



FIBER OPTIC CHANDELIER



# FIBER OPTIC LIGHT ENGINE

## 40W Twin Wheel Light Source



- ◆ Indoor use / Dry location
- ◆ DMX 512 function
- ◆ CREE 40W White LED
- ◆ Inner with 2 wheels 6 colors Wheel+Clear Twinkle Wheel
- ◆ Dimmable
- ◆ Speed Adjustable
- ◆ Fiber optic port aperture

## LED 80W light source



- ◆ Indoor / Dry location use
- ◆ DMX 512 function
- ◆ CREE LED 80W White
- ◆ 5200lm
- ◆ dimmable
- ◆ wheel option
  - standard 6 colors wheel
  - white twinkle wheel
  - color twinkle wheel
- ◆ speed adjustable
- ◆ 20mm, 24mm, 28mm or 30mm fiber port aperture

## High Power RGBW+Twinkle Wheel Light Source 96W



- ◆ Indoor/Dry location use
- ◆ DMX 512 function
- ◆ RGBW LED 96W power
- ◆ Dimmable
- ◆ Speed adjustable
- ◆ 20mm,24mm,28mm or 30mm Fiber port aperture

## 48W RGBW Light Source



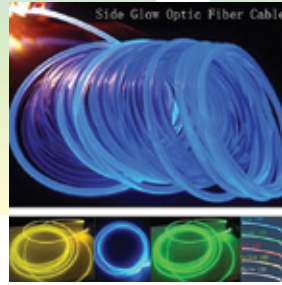
- ◆ Indoor/Dry location use
- ◆ DMX512 function
- ◆ RGBW 48W power
- ◆ Dimmable
- ◆ Speed adjustable
- ◆ Fiber optic port aperture

## 30W RGBW Light Source



- ◆ Indoor/Dry location use
- ◆ DMX512 function
- ◆ Only LED white 30W power
- ◆ Dimmable
- ◆ Speed adjustable
- ◆ Fiber optic port aperture

# SOLID CORE SIDE GLOW FIBER



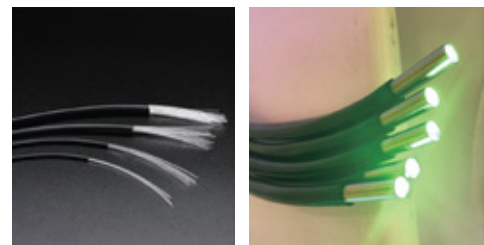
Solid core fiber optic with or without UV jacket for internal or external application. Application: Pool, Building lighting, Garden or other decorations.



Fiber Dia.	Outer Dia.	Roll Length	Jacket
2.0mm	3.5mm	100m	Clear PVC
2.5mm	4.0mm	100m	Clear PVC
3.0mm	4.5mm	100m	Clear PVC
4.0mm	5.0mm	100m	Clear PVC
5.0mm	6.0mm	100m	Clear PVC
6.0mm	8.8mm	100m	Clear PVC
8.0mm	11.0mm	100m	Clear PVC
10mm	13.0mm	100m	Clear PVC
11mm	14.0mm	100m	Clear PVC
12mm	14.0mm	100m	Clear PVC
14mm	17.3mm	100m	Clear PVC
16mm	18.0mm	100m	Clear PVC
18mm	20.0mm	100m	Clear PVC

Fiber Qty	Outer Dia.	Roll Length	Jacket
7X0.75mm	3.8mm	100m	Black PVC
14X0.75mm	5.0mm	100m	Black PVC
25X0.75mm	7.0mm	100m	Black PVC
42X0.75mm	8.0mm	100m	Black PVC
50X0.75mm	9.0mm	100m	Black PVC
60X0.75mm	9.5mm	100m	Black PVC
75X0.75mm	10.5mm	100m	Black PVC
84X0.75mm	11.0mm	100m	Black PVC
100X0.75mm	12.0mm	100m	Black PVC
126X0.75mm	13.0mm	100m	Black PVC

it is processed from plastic fiber optic, consists of many strings of 0.75mm fiber. outer black PVC jacket that keeps inner fiber at high quality, even fiber in ground or pool



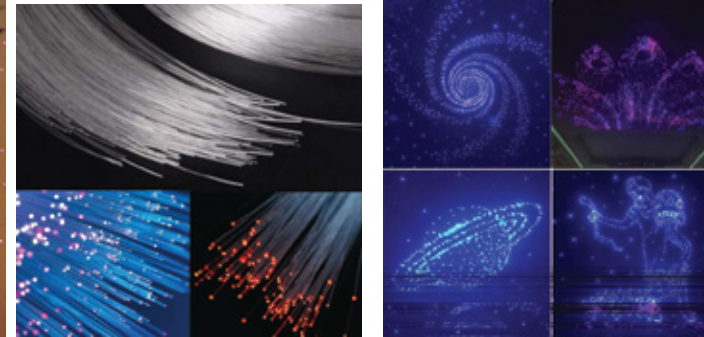
# MULTI STRING END LIT FIBER



# SOLID CORE END LIT FIBER



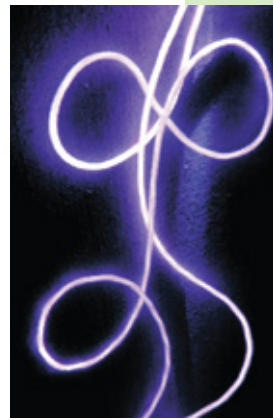
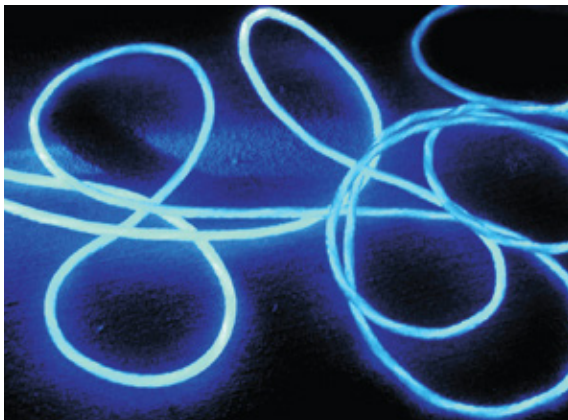
solid core end lit fiber optic, outer coat UV black PVC acket, it can protect inner fiber core well and get more light at end. at present it has widely application at ceiling, pool,museum showcase, sauna, garden or other decoration.



Fiber Dia.	Outer Dia.	Roll Length	Jacket
2.0mm	3.0mm	100m	Black PVC
2.5mm	4.0mm	100m	Black PVC
3.0mm	4.5mm	100m	Black PVC
4.0mm	5.0mm	100m	Black PVC
5.0mm	7.0mm	100m	Black PVC
6.0mm	8.6mm	100m	Black PVC
8.0mm	11.0mm	100m	Black PVC
10mm	13.0mm	100m	Black PVC
11mm	14.0mm	100m	Black PVC
12mm	14.0mm	100m	Black PVC
14mm	17.3mm	100m	Black PVC

Fiber Qty	Outer Dia.	Roll Length	Jacket
14X0.75mm	5.0mm	100m	Clear PVC
42X0.75mm	10.0mm	100m	Clear PVC
84X0.75mm	14.0mm	100m	Clear PVC
126X0.75mm	18.0mm	100m	Clear PVC

it is twisted by many string of side glow 0.75mm fiber. outer with clear UV jacket, used for internal or external application. UV jacket will keep inner fiber in hgh quality, even use it in water, ice and extreme weather condition.

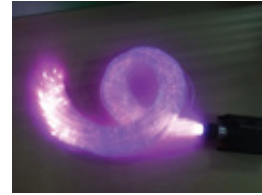
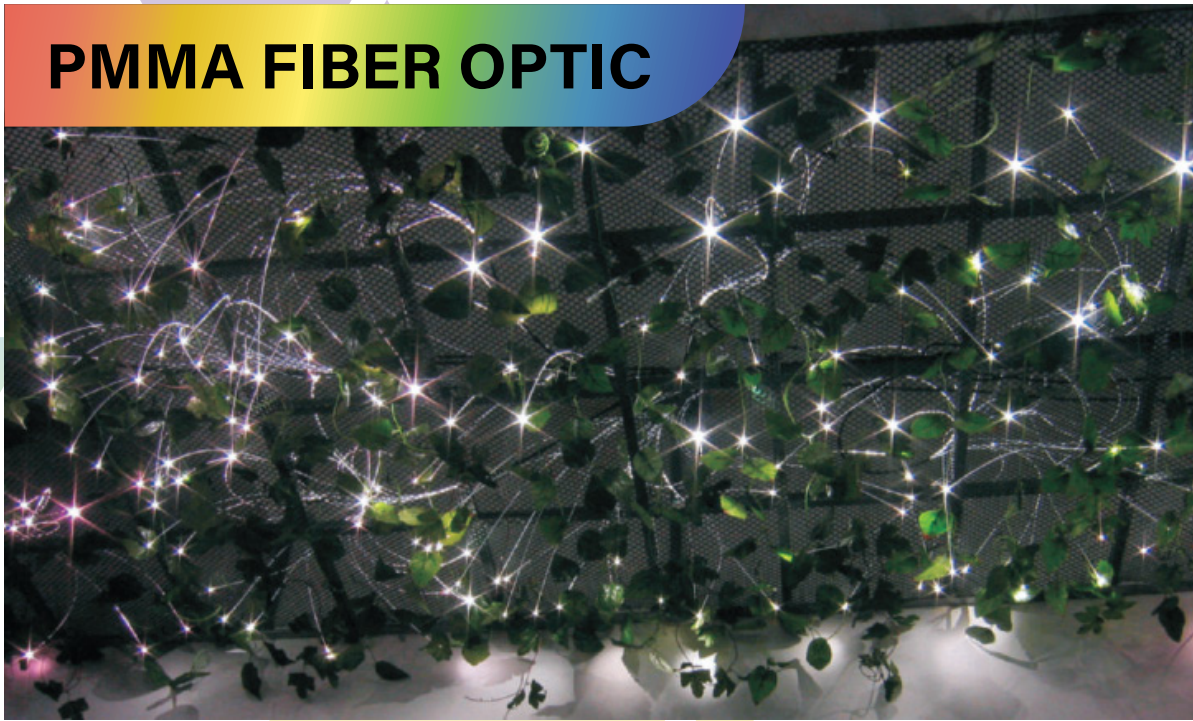


# TWISTED STRING SIDE GLOW FIBER





# PMMA FIBER OPTIC



Diameter	Length (m/RL)	Attenuation
0.5mm	6000	≤0.25db/m
0.75mm	2700	≤0.25db/m
1.0mm	1500	≤0.25db/m
1.5mm	700	≤0.25db/m
2.0mm	350	≤0.25db/m
2.5mm	250	≤0.25db/m
3.0mm	150	≤0.25db/m

PMMA Fibers are widely used in applications such as Sky ceiling, chandelier, fiber curtain, fiber sign etc.

Fiber	Outer Dia.	Roll Length	Jacket
0.75mm	0.75mm	2700m	NO
1.0mm	1.0mm	1500m	NO
1X0.75mm	1.2mm	2700m	Clear PVC
1X1.0mm	1.6mm	1500m	Clear PVC
3X0.75mm	3.0mm	900m	Clear PVC
6X0.75mm	4.0mm	450m	Clear PVC
9X0.75mm	6.0mm	300m	Clear PVC

sparkle fiber optic is processed from plastic fiber optic, it is widely used at fiber optic curtain, fiber optic chandelier and some others.

# SPARKLE OPTIC FIBRE

