

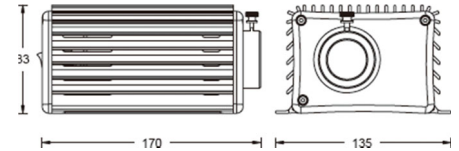
# VIVISTAR

Optical fiber lighting system

# WAC

PROJECT:

TYPE:



## Product description

The VIVISTAR series fiber optic system is the best choice for museum display case lighting. For the lighting scheme of precious cultural relics, the advantage of the optical fiber lighting system is that it only introduces light into the showcase, without electricity and heat, creating a safe environment for cultural relics. At the same time, the light source is not inside the showcase, in the process of installation, maintenance, maintenance, can be carried out outside the showcase. The cultural relics are always kept in the closed and safe inner space of the exhibition case, reducing the opportunity to contact with the outside world, and protecting the safety of cultural relics to the greatest extent. The LED optical fiber lighting system developed by WAC combines the characteristics of optical fiber with the latest LED lighting technology, which not only has the advantages of optical fiber lighting system, but also integrates the green and efficient characteristics of LED, while the color rendering is as high as 97, comparable to the color reduction capability of halogen lamps. The optical fiber system consists of an optical fiber generator, an optical fiber light guide and a condenser head or an optical fiber rod.

## Fiber generator

The core device of the optical fiber lighting system is used to generate the light energy required by the system

## Product characteristics

Precision designed mechanical system, small size  
Imported optical fiber materials are used  
Excellent heat dissipation performance to ensure the service life of LED  
High efficiency LED light source, no red/UV  
Color rendering up to Ra97

## Luminaire parameter

Model	Optical system	Input voltage	Temperature	System power
FO-I01LED	Optical fiber special lens	220VAC	3000K	27.5W

## Product specification

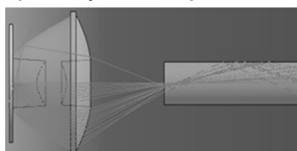
Material: extruded aluminum  
Light source type: COB 23.6W  
Temperature: 3000K  
Color rendering index: Ra97  
Input voltage: 220-240VAC (50/60Hz)  
Dimming: Knob dimming (Dimming range 10-100%)  
Optical system: Optical fiber special lens

## Subscription model

Model	CCT	Finish
<b>FO-I01LED</b> Fiber generator	<b>30</b> 3000K	<b>BK</b> Black
FO-I01LED	30	BK

Example: FO-I01LED-30-BK-C

Note: The optical fiber lighting system is composed of an optical fiber generator, optical fiber guide cable, light-gathering head or optical fiber rod, etc. Each part needs to be ordered separately.



## WAC Lighting

www.waclighting.com (US)  
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## Headquarters

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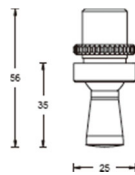


### Optical fiber guide cable

Customized according to customer needs  
 Diameter 2mm/3mm/4mm/10mm; Different number of roots; Different length  
 The 1/8 random distribution technique is adopted

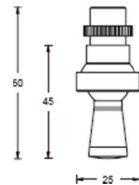
### Spotlight style bald head

Aluminum concentrator with shaved head and frosted black coating



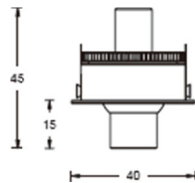
FO-H01  
 Rotation range: 60°  
 Hole size: Ø20mm

Beam angle  
 FO-H01-N-BK-C: 10°~25°  
 FO-H01-F1-BK-C: 25°~32°  
 FO-H01-F2-BK-C: 32°~40°



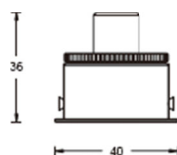
FO-H02  
 Rotation range: 60°  
 Hole size: Ø15mm

Beam angle  
 FO-H02-N-BK-C: 10°~25°  
 FO-H02-F1-BK-C: 25°~32°  
 FO-H02-F2-BK-C: 32°~40°



FO-H03  
 Rotation range: 40°  
 Hole size: Ø37mm

Beam angle  
 FO-H03-10-BK-C: 10°  
 FO-H03-25-BK-C: 25°  
 FO-H03-40-BK-C: 40°



FO-H04  
 Rotation range: 40°  
 Hole size: Ø37mm

Beam angle  
 FO-H04-10-BK-C: 10°  
 FO-H04-25-BK-C: 25°  
 FO-H04-40-BK-C: 40°

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## Optical fiber rod

Aluminum body with frosted black coating

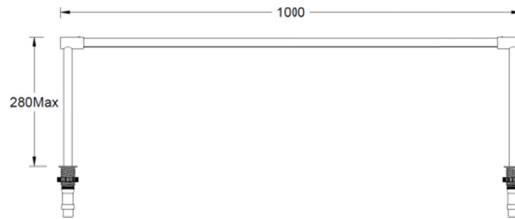
The support rod contains optical fiber and adopts imported optical fiber materials

Double end inlet technology, suitable for Ø10mm diameter fiber

The opening size is 2xØ31, and the installation thickness is 5-25mm



FO-B01D-1000-BK



Light Bar

Rotation range: 360°

Beam angle: 35°

length: 1000mm

height : 20~280mm (adjustable)

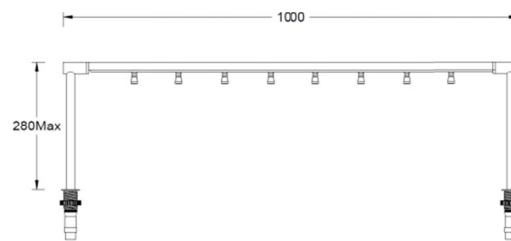
• 44 light points per meter or customized



FO-BP01D-1001-BK (10°)

FO-BP01D-1002-BK (25°)

FO-BP01D-1003-BK (40°)



Light Bar Projector

Rotation range: light bar 360°;  
light extraction±25°

length: 1000mm

height: 20~280mm (可调)

8 spotters per meter for bald head or custom

## product application



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