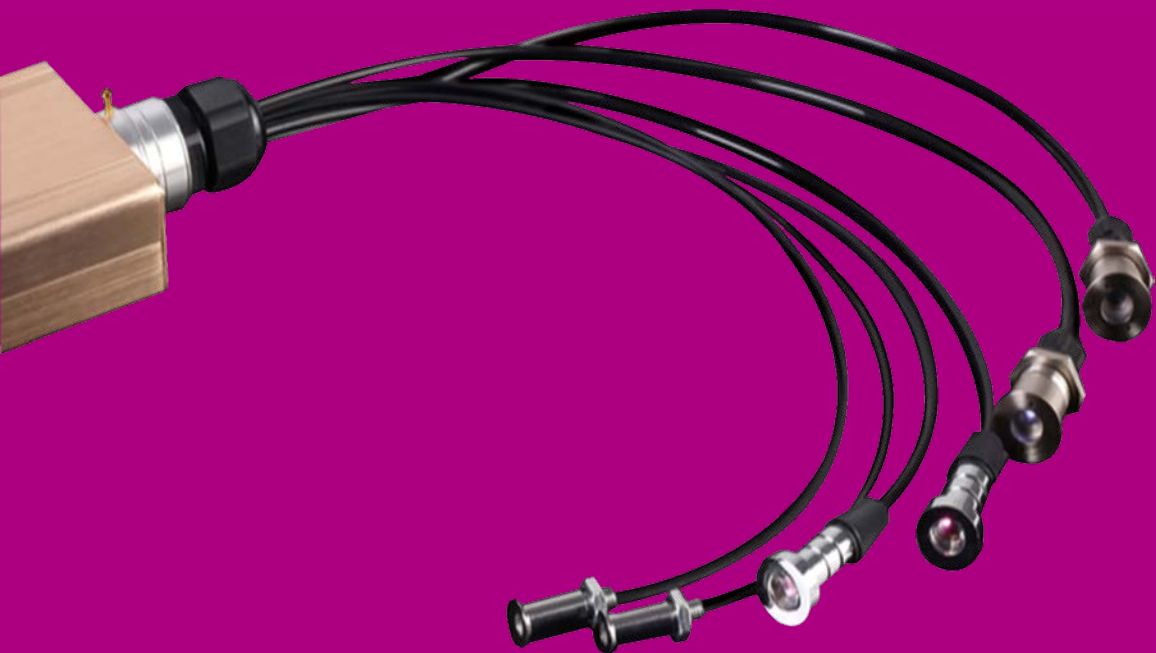




Outdoor Lighting
LINZ 0

LINZ 0







Linz O

220~
240V

IP 68

⊕
Class I

Ra>80

CE

CCC

LED

Linz O Optic Fiber Lighting

- Linz O luminescent fiber lighting system are suit for outdoor and indoor lighting. Such as swimming pool, museum, piazza ect. It can be used for decorative or function lighting.
- Luminescent fiber is soft and flexible. It can travel all visible colorful light. Additionally, it's got side emitting light effect.
- Luminescent fiber can separate the infrared rays and ultraviolet rays that protect our body or the illuminated objects, It can weaken the electromagnetic interference in the lighting system
- The lighting splitter is isolated from the lighting generator to avoid accidents such as electric leakage.
- The lighting splitter is non-heat, non-electricity with higher security. It is endurable and insurable.
- The lighting splitter and lighting generator are maintenance free to reduce cost.
- The system consists of 3 parts: luminescent fiber, the lighting splitter and lighting generator.
- Luminescent fiber includes side-emitting fiber and end-emitting fiber. The diameter range is from $\Phi 0.75\text{mm}$ to $\Phi 18\text{mm}$.
- The lighting splitter with a variety of sizes, each size can match several diameters of fiber. It can also be customized accordingly.
- Lighting generator have a variety of wattage, It can be setting in single color or RGB version as option. Each one can be connected to several fibers.

Linz O Optic Fiber

Name	Solid core black jacket end glow fiber	Solid core side glow fiber
Item	D- 1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 8, 10, 12, 14, 16, 18mm	C- 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 8, 10, 12, 14, 16, 18mm
Picture		
Layer		
Core	MMA	
Cladding	1.55	
Jacket	PTFE (Telfon)	
Core Refractive index	1.50	/
Cladding Refractive index	PVC	/
Refractive style	Step	
Wavelength	350-780nm	
Maximum bend radius	5×Diameters	
Working temperature	-20~100°C	
Storage temperature	10~50°C	

Linz O Lighting splitter



Linz OS:

- Stainless steel or high-quality steel plates
- Ingress Protection: IP68
- Dimensions: Φ11mmX28mm
- Within Φ2.5mm luminescent fiber



Linz OM:

- Stainless steel or high-quality steel plates
- Ingress Protection: IP68
- Dimensions: Φ20mmX46mm
- Within Φ4.5mm luminescent fiber



Linz OL:

- Stainless steel or high-quality steel plates
- Ingress Protection: IP68
- Dimensions: Φ22mmX50mm
- Within Φ5.5mm luminescent fiber

Linz O Lighting generator



Linz OS:

- Aluminum body, painting black color
- Voltage: 220V 50/60Hz
- Ingress Protection: IP65
- Anti-electric shock rate: class I

Light output window dimension is Φ30mm, it can connect with “n” luminescent fibers.

$$n = \frac{(30\text{mm})^2}{d^2} \times 0.75$$

n – number of luminescent fiber

d – diameter of luminescent fiber (adopt for d ≤ 12mm)

Type: 7W、16W、27W、32W、45W、75W、150W
single color or RGB version

Linz O Guide

Linz O Luminescent fiber

Article No.	Product name	Description
8 19 31 010	Luminescent fiber D-1.0mm	End-light luminescent fiber, single, Φ1mm
8 19 31 xxx		
8 19 31 180	Luminescent fiber D-18mm	End-light luminescent fiber, single, Φ18mm
8 19 32 010	Luminescent fiber C-1.0mm	Side-light luminescent fiber, single, Φ1mm
8 19 32 xxx		
8 19 32 180	Luminescent fiber C-18mm	Side-light luminescent fiber, single, Φ18mm

Note: xxx stand for diameter. Φ1-Φ18mm are available.

Linz O Lighting splitter

Article No.	Product name	Description
8 19 11 001	Linz OS	Φ11mm×28mm, up to Φ2.5mm luminescent fiber
8 19 12 001	Linz OM	Φ20mm×46mm, up to Φ4.5mm luminescent fiber
8 19 13 001	Linz OL	Φ19mm×50mm, up to Φ5.5mm luminescent fiber

Note: Others are on request

Linz O Lighting generator

Article No.	Product name	Description
8 19 21 xxx	Lighting generator	Single color version
8 19 22 xxx	Lighting generator	RGB version

Note: xxx stand for wattage. E.g 8 19 22045 = 45W RGB light generator, cct needs to be marked separately.

Ordering: Luminescent fiber SAP No +Lighting splitter SAP No + Lighting generator(CCT)

Lighting splitter and Lighting generator need to be ordered on request normally.



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