



# YACHT & BOAT LIGHTING



# Introduction

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Look around you. Before everything else, there was always light. Light helped us perceive life—it separated darkness from brightness, ignorance from wisdom. Light led the way for humanity’s development. It connected our eyes to the colors of the world, instilling in us a sense of beauty. Where there is light, life is beautiful.

## ***A better way to see!***

At Fiberli, we’ve been adding value to life with our light for over 30 years. To better see the beauty that life offers us, we deliver turnkey lighting projects all around the world. Combining technology and art through our design, engineering, and production capabilities, we provide project-specific LED lighting solutions in facade, landscape, pool, outdoor, indoor, industrial, road, and decorative lighting.



# THE STORY BEHIND THE POLAR BEAR

## *Harnessing Nature's Light for Sustainable Illumination*

*In the vast, icy landscapes ruled by polar bears, the seemingly endless white expanses are not just about surviving the cold—they are a testament to nature's brilliant design. A common misconception is that a polar bear's thick white fur simply protects it from the harsh Arctic temperatures. In reality, beneath that fur lies skin that is nearly black. What appears to be a simple coat is, in fact, a marvel of natural engineering.*

*Each white hair in a polar bear's fur possesses fiber-optic properties, acting as a conduit that carries sunlight directly to the bear's dark skin. Rather than just insulating, these hairs guide light to the skin where it is converted into heat. This remarkable system allows polar bears to maximize the efficiency of solar energy and blend effortlessly into their environment.*

*At Fiberli, this natural harmony is a powerful source of inspiration. Our logo, symbolized by the polar bear, reflects our commitment to energy efficiency and the perfect integration of technology with the environment. Just as the polar bear masterfully utilizes the sun, Fiberli is dedicated to creating lighting solutions that not only brighten spaces but do so in the most sustainable way possible.*

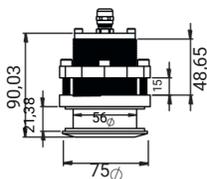


Fiberli's yacht and boat luminaires are specifically designed for use in or near water. They deliver higher luminous output with lower energy consumption. Thanks to advanced engineering, they offer efficient and high-quality lighting solutions. The fixtures can be manufactured in single-color or RGB options, depending on the needs of the project. Additionally, with a wide range of color options and configurations, they provide architects and lighting designers with the freedom to bring their creative visions to life.

## Yatch and Boat Luminaires



**IP**  
**68**



- Underwater Boat Lighting Fixture
- High-Hardness, Corrosion-Resistant 6013ALM Body
- Adjustable Inner Mounting Tube
- Underwater Junction Sleeve
- H05RNF Rubber Cable
- Suitable for Outdoor Use

## P W Product and Power Options

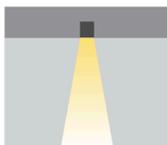
Product	Light Color	Volt (V)	Power (W)	Luminous Flux (lm)	Weight (kg)
ACK1	WW-NW-CW	9-24VDC	4,6	345	0,9
ACK1	R-G-B	9-24VDC	4	-	0,9

Power and lumen values are given for cool white (CW).

## C Light Color Options

● WW: Warm White	3000K	● R: Red	625nm
● NW: Natural White	4000K	● G: Green	525nm
● CW: Cold White	6500K	● B: Blue	465nm

## O Lens Options



N: Narrow

## G Body Color Options



RAL9016 RAL9007 RAL9005

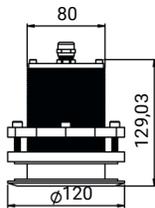


ACK1

ACK3



IP  
68



- Underwater Yacht Lighting Fixture
- High-Hardness, Corrosion-Resistant 6013ALM Body
- Adjustable Internal Mounting Tube
- Underwater Splice Sleeve
- H05RNF Rubber Cable
- Suitable for Outdoor Use

## P W Product and Power Options

Product	Light Color	Volt (V)	Power (W)	Luminous Flux (lm)	Weight (kg)
ACK3	WW-NW-CW	9-24VDC	10	800	1,6
ACK3	R-G-B	9-24VDC	9	-	1,6

Power and lumen values are given for cool white (CW).

## C Light Color Options

● WW: Warm White	3000K	● R: Red	625nm
● NW: Natural White	4000K	● G: Green	525nm
● CW: Cold White	6500K	● B: Blue	465nm

## O Lens Options

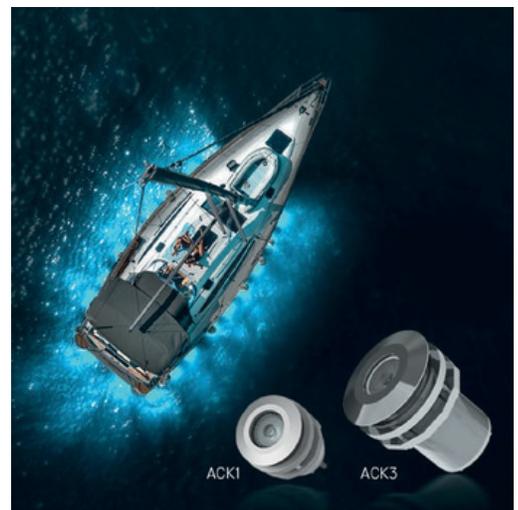


N: Narrow

## G Body Color Options

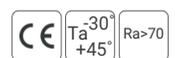


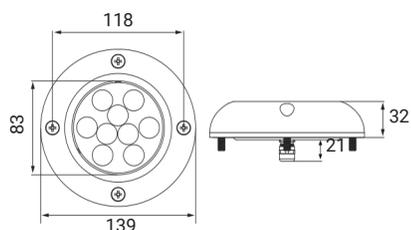
RAL9005 RAL9007 RAL9016



ACK1

ACK3





- Transparent Plexiglass Fixture Lens
- Stainless Steel Mounting Screws
- 316L Stainless Steel Body
- Underwater Splice Sleeve
- H05RNF Rubber Cable

## P W Product and Power Options

Product	Light Color	Volt (V)	Power (W)	Luminous Flux (lm)	Weight (kg)
AC3M	WW-NW-CW	12-24V DC	10	1.000	1,1

Power and lumen values are given for cool white (CW).

## C Light Color Options

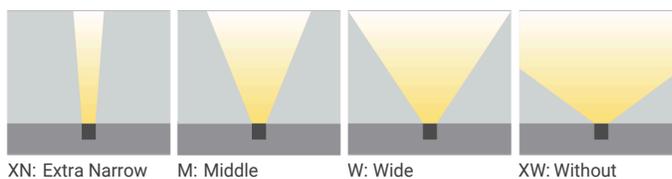
● WW: Warm White 3000K	● R: Red 625nm
● NW: Natural White 4000K	● G: Green 525nm
● CW: Cold White 6500K	● B: Blue 465nm
● RGB	● A: Amber 590nm

Can be produced in different colors upon request.

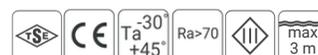
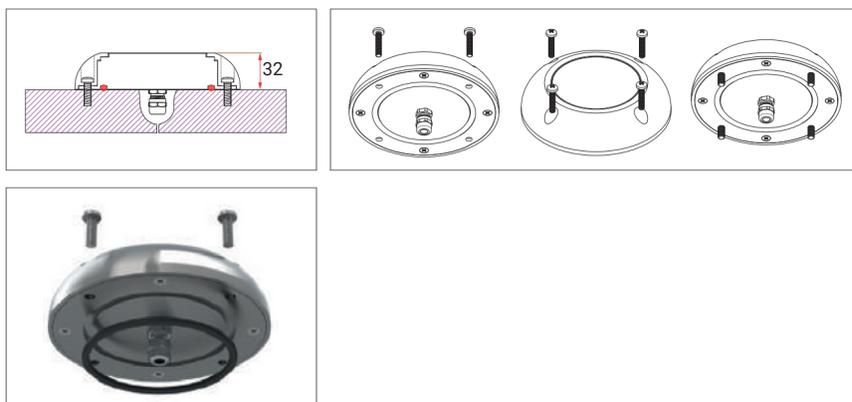
## S Driver Options

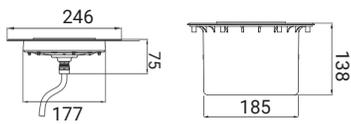
- 01 Standart (ON/OFF)
- 02 PWM-DIM
- 03 Invert PWM-DIM

## O Lens Options



## Mounting





- 3 mm 316L Stainless Steel Spot Frame
- 316L Press-Formed Stainless Steel Body
- 12 mm Tempered Glass
- 316L Stainless Steel Fasteners
- Plastic Injection Mounting Box
- Operates with AC or DC Power
- Underwater Connector
- H07RNF Rubber Cable

## P W Product and Power Options

Product	Light Color	Volt (V)	Power (W)	Luminous Flux (lm)	Weight (kg)
AC5F18	WW-NW-CW	12-24V DC	21	2.100	2,5
AC5F18	WW-NW-CW	12-24V DC	32	3.200	2,5
AC5F18	WW-NW-CW	12-24V DC	46	4.800 -	2,5
AC5F18*	RGB RGB	24V DC	36	-	2,5
AC5F18*		24V DC	26		2,5

Power and lumen values are given for cool white (CW).

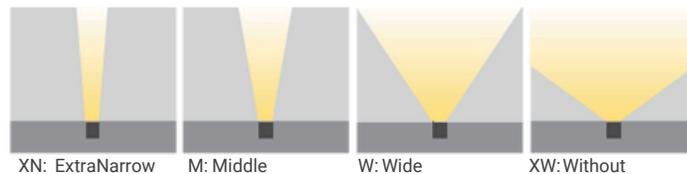
## C Light Color Options

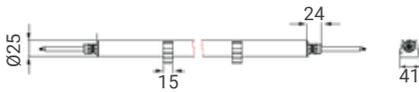
● WW: Warm White 3000K	● R: Red 625nm
● NW: Natural White 4000K	● G: Green 525nm
● CW: Cold White 6500K	● B: Blue 465nm
● RGB	● A: Amber 590nm

## S Driver Options

- 01 Standart (ON/OFF)
- 02 PWM-DIM
- 03 Invert PWM-DIM

## O Lens Options





- Rubber Power Cable
- Stainless Steel Fasteners
- Insulated PVC Side Cover
- UV-Protected Transparent Tube
- Cooling Capacity up to 21.6 W/m
- Suitable for Surface Mounting

## P W Product and Power Options

Product	Light Color	Volt (V)	Power (W)	Luminous Flux (lm)	Weight (kg)
LLUT30LED	WW-NW-CW	24V DC	2,4	245	0,455
LLUT30LED	WW-NW-CW	24V DC	4,8	485	0,455
LLUT45LED	WW-NW-CW	24V DC	7,2	615	0,455
LLUT45LED	WW-NW-CW	24V DC	10,8	1065	0,455
LLUT60LED	WW-NW-CW	24V DC	7,2	715	0,455
LLUT90LED	WW-NW-CW	24V DC	10,8	905	0,455
LLUT30LED	RGB RGB	24V DC	7,2	-	0,455
LLUT45LED	RGB - Pixel	24V DC	10,8	-	0,455
LLUT30LED-DMX	RGB - Pixel	24V DC	8,4	-	0,455
LLUT45LED-DMX		24V DC	12,6	-	0,455

Power and lumen values are given for cool white (CW).

## C Light Color Options

● WW: Warm White 3000K	● R: Red 625nm
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● CW: Cold White 6500K	● B: Blue 465nm
● RGB	● A: Amber 590nm

## K Cable Connection Specifications

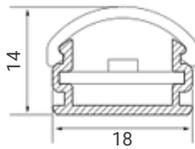
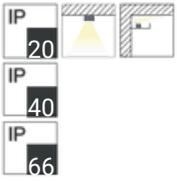


01: Left-Side Entry



03: Input and Output





- Minimum 20-micron Anodized Aluminum Extrusion Profile
- Stainless Steel Fasteners
- UV-Protected PVC End Caps
- UV-Protected Transparent or Diffused Polycarbonate Top Cover
- Cooling Capacity up to 21.6 W/m
- Suitable for Surface Mounting

**P W** Product and Power Options

Product	Light Color	Volt (V)	Power (W)	Luminous Flux (lm)	Weight (kg)
LLK 30LED	WW-NW-CW	24V DC	2,4	240	0,30
LLK 30LED	WW-NW-CW	24V DC	12	1.350	0,30
LLK 45LED	WW-NW-CW	24V DC	18	2.025	0,30
LLK 60LED	WW-NW-CW	24V DC	4,8	480	0,30
LLK 60LED	WW-NW-CW	24V DC	7,2	720	0,30
LLK 60LED	WW-NW-CW	24V DC	14,4	1.440	0,30
LLK 90LED	WW-NW-CW	24V DC	7,2	720	0,30
LLK 90LED	WW-NW-CW	24V DC	10,8	1.100	0,30
LLK 120LED	WW-NW-CW	24V DC	9,6	960	0,30
LLK 180LED	WW-NW-CW	24V DC	14,4	1.450	0,30
LLK 30LED	RGB	24V DC	7,2	-	0,30
LLK 45LED	RGB	24V DC	10,8	-	0,30
LLK 60LED	RGB	24V DC	14,4	-	0,30
LLK 90LED	RGB	24V DC	21,6	-	0,30
LLK 60LED	RGB/W	24V DC	14,4	-	0,30

Power and lumen values are given for cool white (CW).

**C** Light Color Options

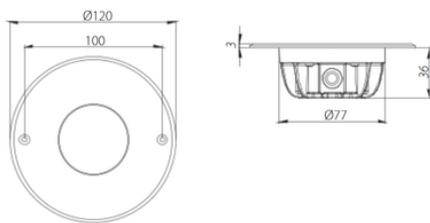
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● NW: Natural White 4000K	● G: Green 525nm	
● CW: Cold White 6500K	● B: Blue 465nm	
● RGB	● A: Amber 590nm	

**J** Connection Options



01: Cable (side output)    02: IP Socket (side output)    03: Horizontal Socket    04: Vertical Socket    06: Cable (bottom output)    07: IP Socket (bottom output)





- Aluminum Injection Molded Body
- Chrome or Aluminum Spot Reflector
- Polycarbonate or Tempered Glass Spot Lens
- Thanks to the integrated constant current driver in the fixture, the LEDs operate safely and efficiently without being affected by possible fluctuations in the mains voltage.

**P W** Product and Power Options

Product	Light Color	Volt (V)	Power (W)	Luminous Flux (lm)	Weight (kg)
CF1-01	WW-NW-CW	12-24V DC	2,5	200	0,7

Power and lumen values are given for cool white (CW).

**C** Light Color Options

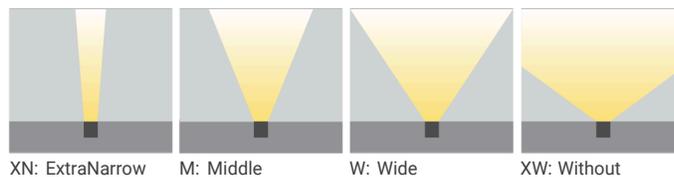
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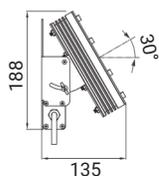
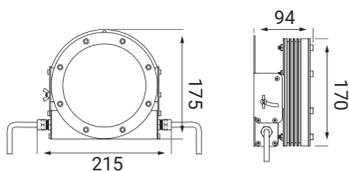
Can be produced in different colors upon request.

**S** Driver Options

- 01 Standart (ON/OFF)
- 02 PWM-DIM
- 03 Invert PWM-DIM

**O** Lens Options





Solid Aluminum Body  
• Policarbonade

**P W** Product and Power Options

Product	Color	Volt (V)	Power (W)	Luminous Flux (lm)	Weight (Kg)
CF5Y18	WW-NW-CW	220-240V AC	21	2.000	2,6
CF5Y18	RGB	24V DC	25	-	2,3

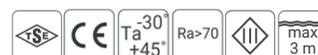
Light Color Options

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● CW: Cold White 6500K	● B: Blue 465nm

**O** Lens Options



XN: ExtraNarrow    M: Middle    W: Wide    XW: Without





*A better way to see!*

**PSL ELEKTRONİK SAN. ve TİC. A.Ş.**

Genel Merkez - Fabrika: Organize Sanayi Bölgesi 3. Etap  
25. Cad. No: 30 Döşemealtı / ANTALYA  
Tel: +90(242) 228 81 50

[www.fiberli.com](http://www.fiberli.com)

