



## **WATERPROOF BERLIN LED**

### **PROFESSIONAL LIGHTING**

The Berlin Led light is the ideal solution for overhead lighting of any space, especially indicated in industrial areas.



## BERLIN LED

WaterProof Series IP69k Corrosion Protection BERLIN LED Light is one of our most popular products due to its high quality and performance.

Not only does it offer a wide range of applications, from commercial to industrial, for any retrofit or new installation, but it is also a unique option in terms of its energy efficiency and cost-effectiveness.

Choosing Led Berlin is a safe bet if what you are looking for is a durable and efficient product.

“  
PROFESSIONAL  
LED SPOTLIGHTS  
WITH WIDE  
RANGE OF  
POWERS.  
MAXIMUM  
EFFICIENCY

”

# LED FEATURES



## ➤ IP69K

IP69K is the highest level of this protection and is designed for applications where water jets are at high pressure and high temperatures are used for specific washes.



## ➤ PMMA

Due to the risk of corrosion from contact with alkaline environments created in the humid atmosphere, a PMMA material housing and stainless steel end cap are used to provide greater corrosion resistance, impermeability and service life.



## ➤ ANTICORROSIÓN

Light is an important aspect of any animal's environment. Studies have shown an increase in growth and reproductive performance due to light exposure. Modern farm lighting systems should attempt to mimic the sun's spectrum; However, many poultry producers still use old residential and commercial incandescent lamps in their barns.

The problem with this is that incandescent bulbs do not replicate sunlight well. LEDs are the most efficient and environmentally friendly agricultural lighting options, producing a continuous white light spectrum unlike any other artificial light source by combining a blue LED with red and green matches.

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# LED FEATURES

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## > CONNECTION CABLE



3x1.5mm<sup>2</sup>

3x2.5mm<sup>2</sup>

5x1.5mm<sup>2</sup>

55x2.5mm<sup>2</sup> x

## > SERIES JOIN

The Berlin Led Series is ready to be joined in series in an easy and fast way.

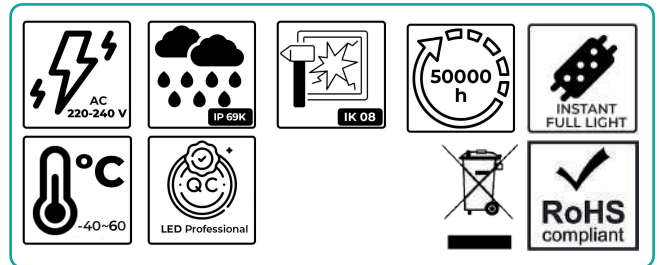


## > Easy installation



# TECHNICAL CHARACTERISTICS

- > **Shell:** PMMA
- > **Conductivity:** 226 W/m K
- > **LED:** Bridgelux
- > **CRI:** Ra>80
- > **SDCM:** <6
- > **Power factor:** >0.90
- > **THD:** <15
- > **Power Supply:** Osram
- > **Driver efficiency:** >90%
- > **Protection:** OTP, OCP, OVP, SCP
- > **Surge protection:** 2KV
- > **Waterproof:** IP69K
- > **Impact test:** IK08
- > **Power:** 220-240V, 50/60Hz
- > **Operating temperature:** -20~40 °C
- > **TM21:** L80B10>50,000H

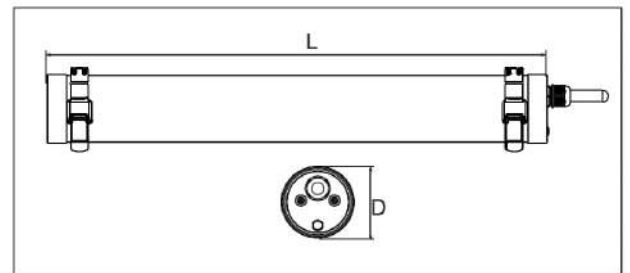
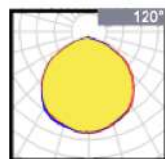


## EXTRAS CUSTOM MANUFACTURING



Model	W	V	Lum	CRI	IP	Dimensions
BR020TE2H	20 W	220~240V	3000LM	>80	IP69K	L600*D81MM
OP040TE4H	40 W	220~240V	6000LM	>80	IP69K	L1200*D81MM
OP060TE5H	60 W	220~240V	9000LM	>80	IP69K	L1500*D81MM

## OPTICS OPTIONS



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WWW.OPTIMALED.EU

# OptimaLED<sup>®</sup> ProTour<sup>®</sup>

LIGHTING EVOLUTION

“ LEADING THE  
WAY TOWARDS  
A BRIGHT FUTURE ”



[WWW.OPTIMALED.EU](http://WWW.OPTIMALED.EU)

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