

# POLAB VALDUR



We are proud to present VALDUR, a street light fixture that embodies the best in Swedish innovation and design. Designed to operate efficiently in a variety of environments, including urban centers, coastal areas, offshore platforms, and industrial settings, VALDUR's patent-pending technology is a groundbreaking solution for dissipating heat within non metallic fixture housings. This technology enables effective heat dissipation, which is crucial for maintaining the lifespan and functionality of LED components in composite material based fixtures. It ensures that VALDUR can deliver sustainable and reliable performance even under rugged conditions.

Our close collaboration with Philips ensures access to high-quality components and expertise in LED technology. The combination of POLAB's innovative design and Philips' technical knowledge results in a fixture that excels in both high performance and energy efficiency.

Made in Sweden, VALDUR underscores POLAB's commitment to the highest quality and sustainability. By choosing composite thermoset materials over aluminum, we significantly reduce energy consumption during the manufacturing process, contributing to a more sustainable environment. VALDUR is a testament to POLAB's dedication to innovation, design excellence, and environmental responsibility.



## German Design Award 'Winner' 2024 Excellent Product Design - Lighting

Made in Sweden 

It is a great honor to be internationally recognized as a winner by the German Design Council, 'Rat für Formgebung', for over seven decades, the German Design Council has been recognized for its outstanding achievements and contributions in the fields of design and product development! This award affirms our commitment to exceptional design and innovation, and is a tribute to our dedication to continuously improving and innovating in lighting technology. It validates the superior design and functionality of VALDUR, and celebrates our commitment to constantly pushing the boundaries of what is possible in lighting.

### Statement of the jury:

"The "VALDUR" street lamp is not made of aluminium, but of a special composite material, which makes it better able to withstand harsh environmental conditions such as the sea."

These impressive features also convinced this year's German Design Award jury: "The modern design of the VALDUR street lamp combines aesthetics and functionality in a remarkable way. The use of cutting-edge technology and innovative composite materials makes VALDUR a pioneer in street lighting. The efficient light output of this lantern contributes to the sustainability of urban lighting. The harmonious fusion of advanced technology and contemporary design makes VALDUR not only a powerful light source, but also an aesthetic highlight in urban spaces," was the verdict of the international expert jury.

**German Design Award | Die Auszeichnung für exzellentes Design**

[www.German-Design-Award.com](http://www.German-Design-Award.com)

## Technical Information

We can customize the luminaire effect, light flow, and light distribution according to your preferences.

- POLAB VALDUR
- Driver: Philips Xitanium
- Light Source: Philips LED Fortimo fastflex
- Color Temperature: 4000 K
- Color Rendering: RA>70
- Lifespan: 120,000 hours
- Temperature Range: -40 to +30 °C
- Connection Cable: 8m-12m
- Enclosure Rating: IP67 with Zhaga IP66
- Mains Voltage: 220-240 V / 50-60 Hz
- Inrush Current: 120 A / 277µs
- Lens: 4 mm Toughened Glass
- Vandal-Proof Rating: IK08
- Material: Composite
- Colors: Black, Anthracite, Light Grey
- Weight: from 3.5-4.2 kg
- Installation: Ø 48 or 60 mm



POLAB VALDUR BLACK



**GERMAN  
DESIGN  
AWARD  
WINNER  
2024**

**POLAB VALDUR 20**  
System Power: 14.0W  
Lumen per watt: 162 lm/W  
Luminous flux: 2270 lumen

**POLAB VALDUR 60**  
System Power: 46.0W  
Lumen per Watt: 152 lm/W  
Luminous Flux: 7000 lumen

**POLAB VALDUR 30**  
System Power: 23.1W  
Lumen per Watt: 152 lm/W  
Luminous Flux: 3500 lumen

**POLAB VALDUR 100**  
System Power: 65.2W  
Lumen per Watt: 153 lm/W  
Luminous Flux: 10500 lumen

**POLAB VALDUR 40**  
System Power: 32.8W  
Lumen per Watt: 159 lm/W  
Luminous Flux: 5220 lumen





**Zhaga**

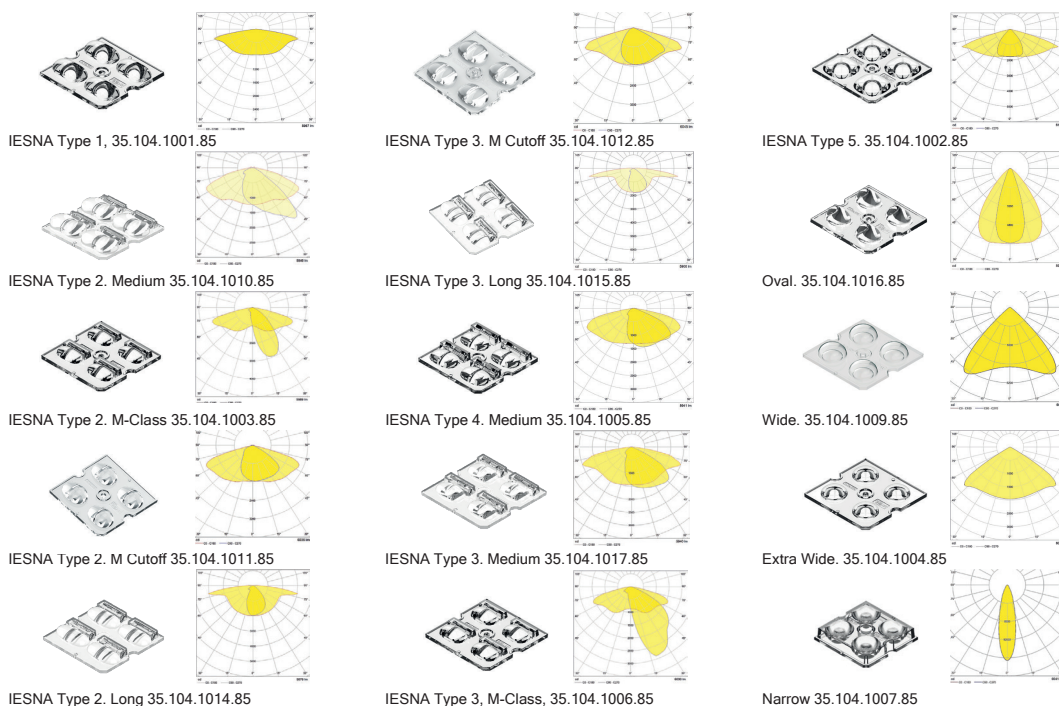
## High-quality universal Zhaga connectors for various control systems from German BJB Light Technology

With Zhaga, you can easily integrate different control systems, such as dimming, presence sensors, daylight control, and much more. You have the option to use the connection and later add controls or sensors thanks to the included cover. This allows for upgrading or changing lighting functions without replacing the entire fixture, providing a flexible and cost-effective solution to keep the lighting modern and adapted to new technologies and needs.



## LED Optics by BJB Light Technology

For public procurement or projects with specific lighting needs, we offer customized lighting solutions. With high-quality LED lenses from BJB, which have a wide range of applications, we can tailor the lighting to suit a variety of road types and areas.



## **POLAB VALDUR light grey**

Produkt	Artikel nr.	E-nr
POLAB VALDUR 20, 2270 lm, 14,0 W, 4000K	V02040-1	7728850
POLAB VALDUR 30, 3500 lm, 23,1 W, 4000K	V03040-1	7728851
POLAB VALDUR 40, 5220 lm, 32,8 W, 4000K	V04040-1	7728852
POLAB VALDUR 60, 7000 lm, 46,0 W, 4000K	V06040-1	7728853
POLAB VALDUR 100, 10000 lm, 65,2 W, 4000K	V10040-1	7728854

## **POLAB VALDUR black**

POLAB VALDUR 20, 2270 lm, 14,0 W, 4000K	V02040-3	7728860
POLAB VALDUR 30, 3500 lm, 23,1 W, 4000K	V03040-3	7728861
POLAB VALDUR 40, 5220 lm, 32,8 W, 4000K	V04040-3	7728862
POLAB VALDUR 60, 7000 lm, 46,0 W, 4000K	V06040-3	7728863
POLAB VALDUR 100, 10000 lm, 65,2 W, 4000K	V10040-3	7728864

## **POLAB VALDUR light grey, Zhaga**

POLAB VALDUR 20 ZH, 2270 lm, 14,0 W, 4000K	V02040-1-Z	7728865
POLAB VALDUR 30 ZH, 3500 lm, 23,1 W, 4000K	V03040-1-Z	7728866
POLAB VALDUR 40 ZH, 5220 lm, 32,8 W, 4000K	V04040-1-Z	7728867
POLAB VALDUR 60 ZH, 7000 lm, 46,0 W, 4000K	V06040-1-Z	7728868
POLAB VALDUR 100 ZH, 10000 lm, 65,2 W, 4000K	V10040-1-Z	7728869

## **POLAB VALDUR black, Zhaga**

VALDUR 20ZH, 2270 lm, 14,0 W, 4000K	V02040-3-Z	7728875
VALDUR 30ZH, 3500 lm, 23,1 W, 4000K	V03040-3-Z	7728876
VALDUR 40ZH, 5220 lm, 32,8 W, 4000K	V04040-3-Z	7728877
VALDUR 60ZH, 7000 lm, 46,0 W, 4000K	V06040-3-Z	7728878
VALDUR 100ZH, 10000 lm, 65,2 W, 4000K	V10040-3-Z	7728879



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