

POLAB VALDUR



We are proud to present POLAB VALDUR, a street light fixture that represents 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 tough conditions.

Our collaboration with Signify/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.

Manufactured in Sweden, VALDUR underscores POLAB's commitment to the highest quality and sustainability. By choosing thermoset composite 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.



iF Design Award Winner 2024 - Product, Public Design

VALDUR has been awarded the prestigious iF DESIGN AWARD, the globally renowned design prize. The iF Design label is well-known for outstanding design services, and the iF DESIGN AWARD is one of the world's most important design accolades. Each year, the world's oldest independent design organization, the Hannover-based iF International Forum Design GmbH, organizes the iF DESIGN AWARD.

VALDUR won in the Excellent Product Design in the Public Design category, Street Lighting.

www.ifdesign.com

German Design Award Winner 2024 - Excellent Product Design - Lighting

It is a great honor for us that VALDUR has been recognized by the German Design Council, 'Rat für Formgebung', an organization known for its dedication to design excellence for over seven decades. This award underscores our commitment to innovation and quality in design.

"The VALDUR street light uses cutting-edge technology to use composites instead of aluminium. This reduces the environmental impact and guarantees a longer lifespan, especially in demanding environments such as by the sea, where humidity is high and the air is very salty. Composites withstand environmental stress better than aluminium, which often requires corrosion protection. With its modern design and efficient light, this lamp is ideal for urban and harsh environments."

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

Professional Lighting POLAB
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Technical Information

We can customize cable length, fixture power, light output, and light distribution according to your preferences. Contact us for more information.

- POLAB VALDUR
- Driver: Philips Xitanium
- Light Source: Philips LED Fortimo fastflex UHE
- Color Temperature: 3000K, 4000K
- Color Rendering: RA>70
- Lifespan: 100,000 hours
- Temperature Range: -40 to +35 °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 20

Color temperature:	3000K	4000K
System power:	13.0W	12.8W
Lumen per watt:	174 lm/W	177 lm/W
Output current:	393 mA	387 mA

Luminous flux:	2270 lumen
Installation height:	2-5m
Cable length:	8m

POLAB VALDUR 30

Color temperature:	3000K	4000K
System power:	19.2W	19.5W
Lumen per watt:	179 lm/W	182 lm/W
Output current:	300 mA	295 mA

Luminous flux:	3500 lumen
Installation height:	3-6m
Cable length:	8m

POLAB VALDUR 40

Color temperature:	3000K	4000K
System power:	30.2W	29.8W
Lumen per watt:	172 lm/W	175 lm/W
Output current:	454 mA	447 mA

Luminous flux:	5220 lumen
Installation height:	4-7m
Cable length:	8m

POLAB VALDUR 60

Color temperature:	3000K	4000K
System power:	39.5W	40.1W
Lumen per watt:	174 lm/W	177 lm/W
Output current:	404mA	398 mA

Luminous flux:	7000 lumen
Installation height:	5-8m
Cable length:	10m

POLAB VALDUR 100

Color temperature:	3000K	4000K
System power:	59.9W	58.9W
Lumen per watt:	167 lm/W	169 lm/W
Output current:	588 mA	579 mA

Luminous flux:	10000 lumen
Installation height:	6-10m
Cable length:	12m





Zhaga



**GERMAN
DESIGN
AWARD
WINNER
2024**



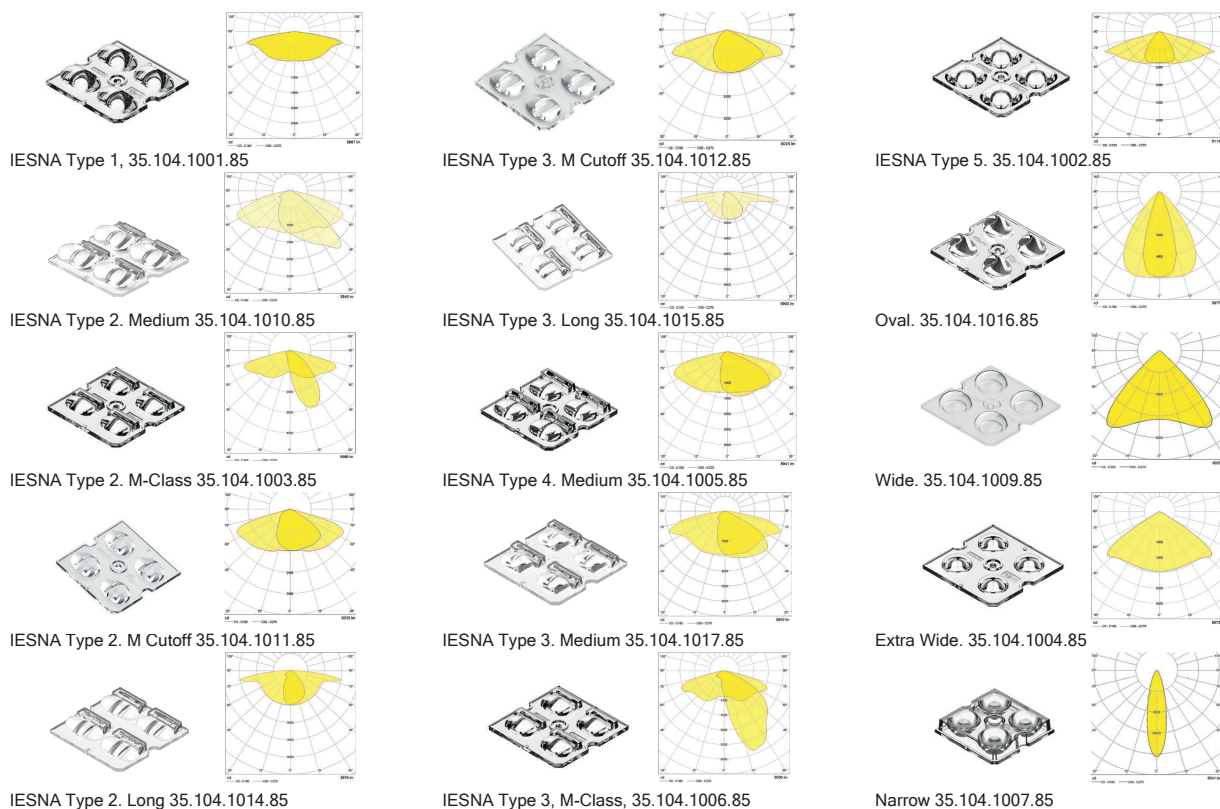
Zhaga-anslutningar anpassade för olika styrsystem, från BJB Light Technology

With Zhaga, you can easily integrate various control systems, such as dimming, presence sensors, daylight regulation, and much more. You have the option to include the connection for future integration of controls or sensors, thanks to the included cover. This allows for upgrades or changes to lighting functions without replacing the entire fixture, providing a flexible and cost-effective solution to keep lighting up-to-date and adapted to new technologies and needs.



LED Optics BJB Light Technology

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



POLAB VALDUR light grey

Produkt	Artikel nr	E-nr
POLAB VALDUR 20, 2270 lm, 13.0 W, 3000K	V02030-1	
POLAB VALDUR 30, 3500 lm, 19.5 W, 3000K	V03030-1	
POLAB VALDUR 40, 5220 lm, 30.2 W, 3000K	V04030-1	
POLAB VALDUR 60, 7000 lm, 40.1 W, 3000K	V06030-1	
POLAB VALDUR 100, 10000 lm, 59.9 W, 3000K	V10030-1	
POLAB VALDUR 20, 2270 lm, 12.8 W, 4000K	V02040-1	7728850
POLAB VALDUR 30, 3500 lm, 19.2 W, 4000K	V03040-1	7728851
POLAB VALDUR 40, 5220 lm, 29.8 W, 4000K	V04040-1	7728852
POLAB VALDUR 60, 7000 lm, 39.5 W, 4000K	V06040-1	7728853
POLAB VALDUR 100, 10000 lm, 58.9 W, 4000K	V10040-1	7728854

POLAB VALDUR black

POLAB VALDUR 20, 2270 lm, 13.0 W, 3000K	V02030-3	
POLAB VALDUR 30, 3500 lm, 19.5 W, 3000K	V03030-3	
POLAB VALDUR 40, 5220 lm, 30.2 W, 3000K	V04030-3	
POLAB VALDUR 60, 7000 lm, 40.1 W, 3000K	V06030-3	
POLAB VALDUR 100, 10000 lm, 59.9 W, 3000K	V10030-3	
POLAB VALDUR 20, 2270 lm, 12.8 W, 4000K	V02040-3	7728860
POLAB VALDUR 30, 3500 lm, 19.2 W, 4000K	V03040-3	7728861
POLAB VALDUR 40, 5220 lm, 29.8 W, 4000K	V04040-3	7728862
POLAB VALDUR 60, 7000 lm, 39.5 W, 4000K	V06040-3	7728863
POLAB VALDUR 100, 10000 lm, 58.9 W, 4000K	V10040-3	7728864

POLAB VALDUR light grey, Zhaga

POLAB VALDUR 20 ZH, 2270 lm, 13.0 W, 3000K	V02030-1-Z	
POLAB VALDUR 30 ZH, 3500 lm, 19.5 W, 3000K	V03030-1-Z	
POLAB VALDUR 40 ZH, 5220 lm, 30.2 W, 3000K	V04030-1-Z	
POLAB VALDUR 60 ZH, 7000 lm, 40.1 W, 3000K	V06030-1-Z	
POLAB VALDUR 100 ZH, 10000 lm, 59.9 W, 3000K	V10030-1-Z	
POLAB VALDUR 20 ZH, 2270 lm, 12.8 W, 4000K	V02040-1-Z	7728865
POLAB VALDUR 30 ZH, 3500 lm, 19.2 W, 4000K	V03040-1-Z	7728866
POLAB VALDUR 40 ZH, 5220 lm, 29.8 W, 4000K	V04040-1-Z	7728867
POLAB VALDUR 60 ZH, 7000 lm, 39.5 W, 4000K	V06040-1-Z	7728868
POLAB VALDUR 100 ZH, 10000 lm, 58.9 W, 4000K	V10040-1-Z	7728869

POLAB VALDUR black, Zhaga

POLAB VALDUR 20 ZH, 2270 lm, 13.0 W, 3000K	V02030-3-Z	
POLAB VALDUR 30 ZH, 3500 lm, 19.5 W, 3000K	V03030-3-Z	
POLAB VALDUR 40 ZH, 5220 lm, 30.2 W, 3000K	V04030-3-Z	
POLAB VALDUR 60 ZH, 7000 lm, 40.1 W, 3000K	V06030-3-Z	
POLAB VALDUR 100 ZH, 10000 lm, 59.9 W, 3000K	V10030-3-Z	
POLAB VALDUR 20 ZH, 2270 lm, 12.8 W, 4000K	V02040-3-Z	7728875
POLAB VALDUR 30 ZH, 3500 lm, 19.2 W, 4000K	V03040-3-Z	7728876
POLAB VALDUR 40 ZH, 5220 lm, 29.8 W, 4000K	V04040-3-Z	7728877
POLAB VALDUR 60 ZH, 7000 lm, 39.5 W, 4000K	V06040-3-Z	7728878
POLAB VALDUR 100 ZH, 10000 lm, 58.9 W, 4000K	V10040-3-Z	7728879

