

IBLPX

THE POWER AND PRECISION OF A NEW GENERATION



30% higher brightness in continuous mode

Reinforced, lightweight housing design

Easy assembly

High-efficiency cooling with optimized heatsink

Integrated filter mounts

5x higher power output in OVERDRIVE mode

The IBLPX represents the next evolution of our trusted IBLP illuminator, engineered to excel in the most demanding industrial environments. With cutting-edge advancements such as a fivefold-enhanced OVERDRIVE mode and a 30% increase in brightness during continuous operation, the IBLPX sets a new standard for sophisticated vision systems.

Its lightweight yet robust housing, integrated filter guides, advanced cooling mechanism, and optional dimming functionality ensure superior lighting performance and exceptional durability—making it the perfect solution for dynamic, high-precision inspection systems.

ISCON

IBLPX

Unmatched Quality, Extended Durability



TECHNICAL SPECIFICATIONS

Supply Voltage	24VDC +/-8%
Connection Type	M12 connector, 5PIN
Protection Rating	Od IP40 to IP67
Housing Material	Anodized aluminium
Light Color	UV365nm, UV400nm, Blue, Green, White, Red, IR855nm
Emission Angle	6° to 40°
Additional Filter Support	Yes
Mounting Options	T8 groove or M6 screw-nut
Operating Modes	Continuous + Strobe Overdrive, Continuous + Strobe + Dimming
Dimming	1-10 VDC, min. 1 mA

WHY CHOOSE IBLPX?

- **OVERDRIVE Technology:** Provides a fivefold power boost, delivering maximum brightness for high-speed, precision-driven applications.
- **Innovative Heat Sink:** Optimized cooling system efficiently disperses heat, maintaining stable performance and extending the product's lifespan.
- **Unparalleled Versatility:** Features multiple mounting options, a wide selection of LED colors, and accessory customization for seamless integration into any vision system.
- **100% Made in Poland:** Each unit undergoes meticulous quality control at every stage of production, ensuring superior reliability and performance.

DISCOVER MORE DETAILS – CONTACT US OR VISIT: www.iscon.pl

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