

PROXIMA



Perfectly adjusted

161PX PROXIMA – the next generation

robust – efficient – durable



A legend turns 50!

161 BECOMES 161PX – PROXIMA

Extremely robust and of the best SCHUCH quality. Thanks to these outstanding characteristics, the **dust- and waterproof light fitting 161** has acquired a legendary reputation over half a century.

Since its introduction in 1972, it has been further developed and improved again and again. Then as now, it impresses with its quality Made in Germany and the almost unlimited options to customize it that leave nearly nothing to be desired.

With the new **161PX PROXIMA**, we have now perfectly engineered the legendary 161 to LED technology and set a new benchmark. A luminaire you can always rely on. Even for most challenging applications, the PROXIMA is always the right solution.

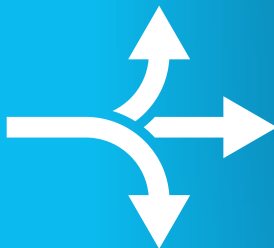
You will not find a better dust- and waterproof light fitting for rough industrial environments.

UNBEATABLE BENEFITS



Extremely robust

- High-impact resistant housing
- Diffuser with high mechanical stability
- Robust closure clips and safety locks



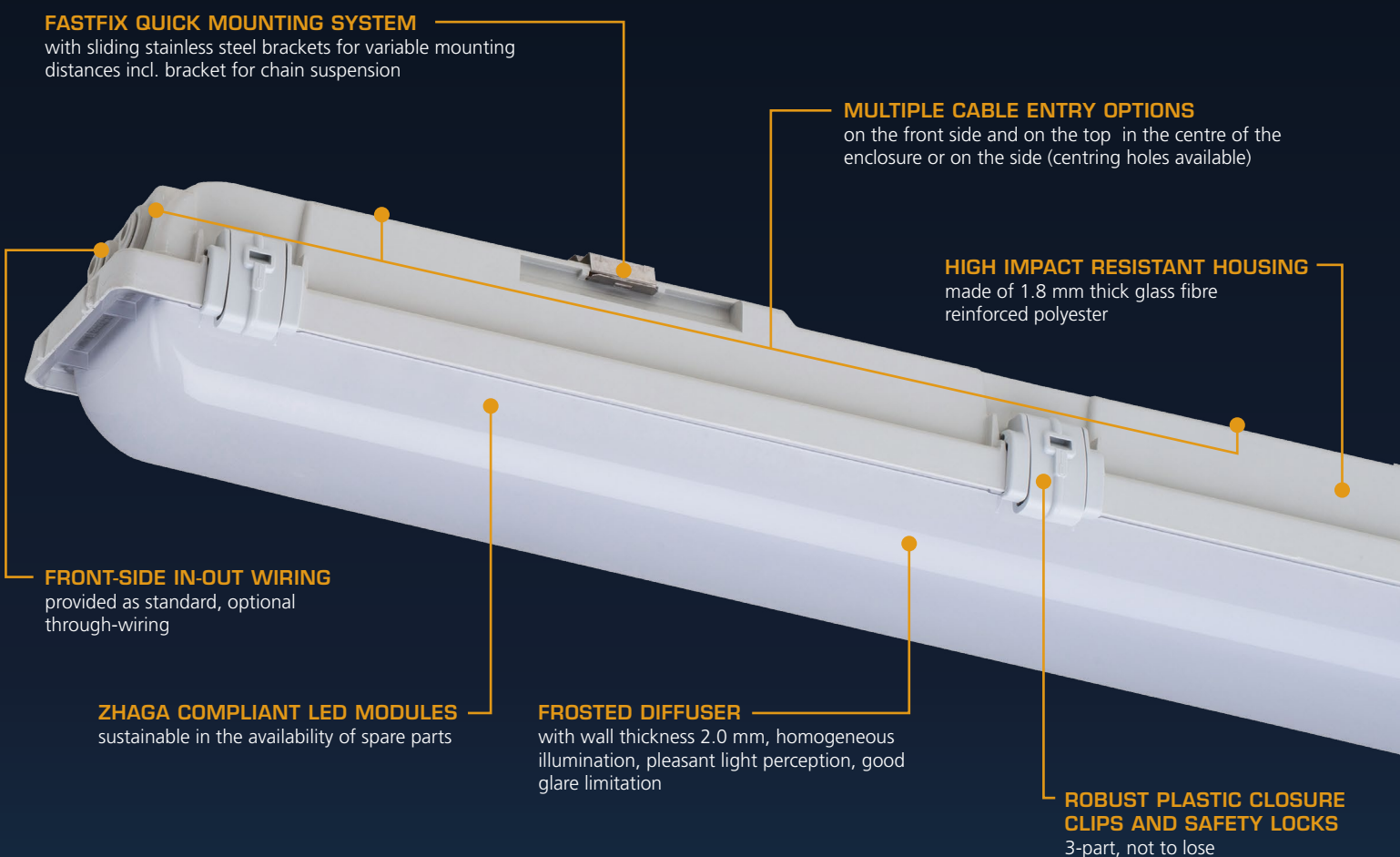
Highly flexible

- FastFix quick mounting system with variable mounting distances
- Variable cable entry options
- Prepared for 3-pole loop in/loop out wiring on the front side



Efficient, sustainable and future-proof

- Luminous efficacy up to 163 lm/W = high energy cost savings
- Service life L80 > 70,000 hours
- All components can be replaced on site
- Use of LED modules according to Zhaga standard



Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Tmax [°C]	Substitute for approx.
161PX 06L12	10	1,380	138	40	1 x 18 W
161PX 06L20	16	2,360	148	40	2 x 18 W
161PX 12L22	15	2,380	159	40	1 x 36 W
161PX 12L42	27	4,220	156	40	2 x 36 W
161PX 15L34	21	3,430	163	40	1 x 58 W
161PX 15L60	39	6,130	157	40	2 x 58 W

(Rounded values, technical developments reserved)



Technical details and further information



SUSTAINABLE PRODUCT DESIGN

Saving energy, reducing CO₂ and avoiding unnecessary waste in line with the EU Ecodesign Regulation:

- Use of high-quality materials and components
- Long service life
- High energy efficiency
- All components are replaceable
- Upgradeable

THE RIGHT SOLUTION FOR EVERY REQUIREMENT

The PROXIMA is a true multi-talent and thus ideal for use in industry with its diverse applications. The modifications listed here are only a small selection – not every possibility. And should you have a special application, we will find a solution together.

Light colour

- 3,000K, 4,000K, 6,500K
- Colour rendering Ra > 90 (light colour 940)
- Coloured LEDs for signalling applications and special areas (e.g. potato storage)
- Amber LEDs (light colour 518) e.g. for insect-friendly lighting in outdoor areas

Special area of application

- Unprotected outdoor areas
- Food processing areas
- Areas with intensive chemical cleaning
- Areas stressed with harmful gases (RESISTANT series ER/HR)
- Areas with high vibrations

PROXIMA

UNLIMITED OPTIONS

Lighting control/light management

- DALI DIMD
- Dimming function "Corridor Mode"
- HF motion detector
- Variably adjustable luminous flux VARIO
- Radio-controlled lighting management system LIMAS Air
- Wired light management system LIMAS Line BASIC or LIMAS Line PRO with central monitoring of single-battery emergency luminaires

Emergency lighting

- Single-battery version with automatic self-test
- Single-battery version for high ambient temperatures up to +50°C
- Single-battery version with DALI emergency unit for central monitoring
- For connection to central power supply

Temperature range

- High temperatures up to +70°C
- Low temperatures down to -40°C
- Wide temperature ranges from -40°C to +70°C

Further modifications

- Protection class II
- FastConnect plug connection system (FC)
- Stainless steel clips
- Polycarbonate diffuser
- Through-wiring up to 7x2.5mm²

SCHUCH – A POWERFUL BRAND!

Over **125 years** of experience and competence • High **innovative strength** • Unique, **unmistakable products** • Permanently high **product quality** • Made in **Germany**

- Long-term sustainable **supply of spare parts** • Consistency and **reliability**

Made in **Germany**



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...with passion for excellent lighting!



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